

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077850.D
 Acq On : 24 May 2023 14:03
 Operator : JC\MD
 Sample : VN0524WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS01

Quant Time: May 25 01:41:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	374042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	674594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	587454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	243087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	276824	49.463	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.920%		
35) Dibromofluoromethane	8.177	113	237288	53.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.880%		
50) Toluene-d8	10.571	98	893799	52.788	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.580%		
62) 4-Bromofluorobenzene	12.853	95	293154	49.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79671	18.716	ug/l	100
3) Chloromethane	2.371	50	90333	18.900	ug/l	99
4) Vinyl Chloride	2.524	62	113552	21.158	ug/l	96
5) Bromomethane	2.965	94	88874	22.390	ug/l	98
6) Chloroethane	3.130	64	81024	20.948	ug/l	92
7) Trichlorofluoromethane	3.500	101	162884	21.777	ug/l	100
8) Diethyl Ether	3.977	74	57071	20.901	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	88433	21.365	ug/l	97
10) Methyl Iodide	4.600	142	115048	23.306	ug/l	99
11) Tert butyl alcohol	5.530	59	72970	94.473	ug/l	96
12) 1,1-Dichloroethene	4.353	96	87091	22.138	ug/l	94
13) Acrolein	4.195	56	38325	57.652	ug/l	95
14) Allyl chloride	5.036	41	116103	20.089	ug/l	95
15) Acrylonitrile	5.730	53	204344	99.027	ug/l	98
16) Acetone	4.442	43	167153	94.932	ug/l	94
17) Carbon Disulfide	4.718	76	213951	20.184	ug/l	100
18) Methyl Acetate	5.030	43	145574	19.707	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	294781	20.701	ug/l	94
20) Methylene Chloride	5.289	84	105323	21.870	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	96252	21.781	ug/l	87
22) Diisopropyl ether	6.677	45	282637	20.864	ug/l #	94
23) Vinyl Acetate	6.612	43	847396	100.964	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	177607	21.401	ug/l	98
25) 2-Butanone	7.488	43	259306	94.143	ug/l	89
26) 2,2-Dichloropropane	7.494	77	146705	20.807	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	115200	21.741	ug/l	92
28) Bromochloromethane	7.824	49	75021	20.902	ug/l	90
29) Tetrahydrofuran	7.847	42	168652	93.511	ug/l	87
30) Chloroform	7.971	83	197158	21.596	ug/l	99
31) Cyclohexane	8.265	56	155770	20.478	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	169259	21.807	ug/l	96
36) 1,1-Dichloropropene	8.377	75	142728	22.183	ug/l	97
37) Ethyl Acetate	7.565	43	111930	19.518	ug/l #	95
38) Carbon Tetrachloride	8.371	117	148341	22.832	ug/l	97
39) Methylcyclohexane	9.612	83	169400	21.506	ug/l	91
40) Benzene	8.612	78	426844	22.481	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	55987	18.332	ug/l #	91
42) 1,2-Dichloroethane	8.677	62	145961	21.163	ug/l	99
43) Isopropyl Acetate	8.694	43	197406	21.074	ug/l	95
44) Trichloroethene	9.359	130	111399	23.171	ug/l	95
45) 1,2-Dichloropropane	9.624	63	106629	22.017	ug/l	94
46) Dibromomethane	9.712	93	75955	21.917	ug/l	94
47) Bromodichloromethane	9.894	83	152033	22.915	ug/l	97
48) Methyl methacrylate	9.688	41	88819	19.999	ug/l	90
49) 1,4-Dioxane	9.700	88	37236	443.909	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	570541	102.468	ug/l	93
52) Toluene	10.635	92	272186	23.027	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	151455	21.556	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	170347	22.001	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	106278	22.644	ug/l	95
56) Ethyl methacrylate	10.882	69	150430	21.198	ug/l	91
57) 1,3-Dichloropropane	11.171	76	180007	22.372	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	306875	87.901	ug/l	93
59) 2-Hexanone	11.200	43	389399	94.551	ug/l	93
60) Dibromochloromethane	11.365	129	112206	23.158	ug/l	100
61) 1,2-Dibromoethane	11.476	107	106884	22.828	ug/l	97
64) Tetrachloroethene	11.112	164	107701	26.216	ug/l	97
65) Chlorobenzene	11.894	112	287246	22.555	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	103984	23.597	ug/l	95
67) Ethyl Benzene	11.970	91	516914	22.650	ug/l	98
68) m/p-Xylenes	12.076	106	398229	46.051	ug/l	99
69) o-Xylene	12.406	106	190519	22.402	ug/l	96
70) Styrene	12.418	104	304513	22.540	ug/l	97
71) Bromoform	12.588	173	66943	22.837	ug/l #	99
73) Isopropylbenzene	12.700	105	505540	24.126	ug/l	99
74) N-amyl acetate	12.500	43	146166	18.872	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	141742	21.988	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	135180m	22.205	ug/l	
77) Bromobenzene	12.988	156	111450	23.307	ug/l	96
78) n-propylbenzene	13.041	91	575039	23.278	ug/l	99
79) 2-Chlorotoluene	13.129	91	345737	23.454	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	431763	24.516	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35304	18.537	ug/l	90
82) 4-Chlorotoluene	13.229	91	325959	22.224	ug/l	100
83) tert-Butylbenzene	13.447	119	369880	24.058	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	418086	24.138	ug/l	100
85) sec-Butylbenzene	13.623	105	512292	23.446	ug/l	100
86) p-Isopropyltoluene	13.735	119	420848	24.160	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	196368	22.205	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	184568	21.032	ug/l	97
89) n-Butylbenzene	14.064	91	342864	21.400	ug/l	98
90) Hexachloroethane	14.341	117	69099	24.147	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	191589	23.191	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	25062	20.081	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	79607	16.489	ug/l	96
94) Hexachlorobutadiene	15.511	225	42869	21.386	ug/l	99
95) Naphthalene	15.647	128	229529	13.813	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	81814	17.308	ug/l	97

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ClientSampleId :
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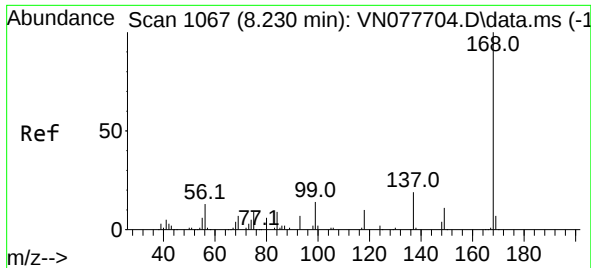
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/25/2023

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Quant Title : SW846 8260
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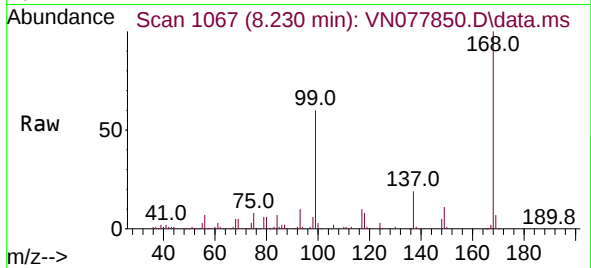
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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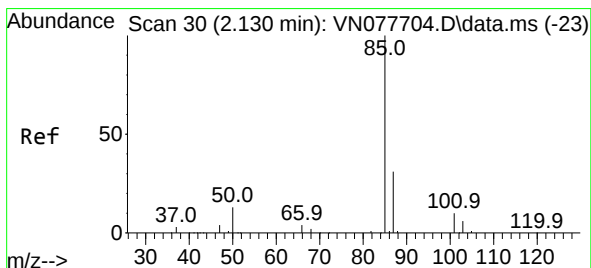
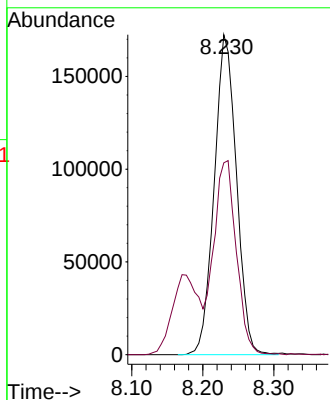
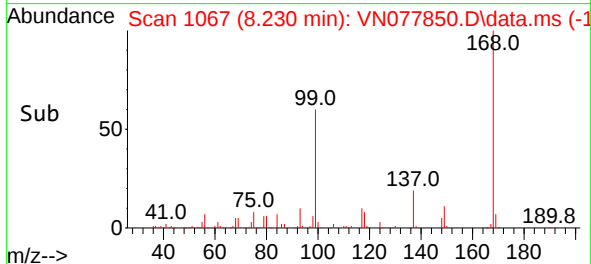
Instrument :
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ClientSampleId :
VN0524WBS01



Tgt Ion:168 Resp: 37404
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6

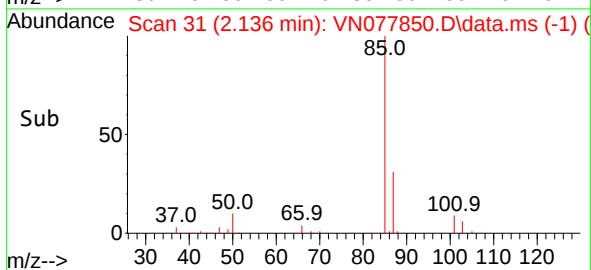
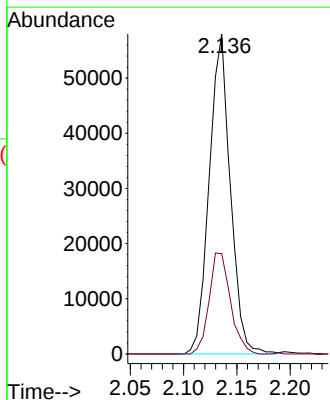
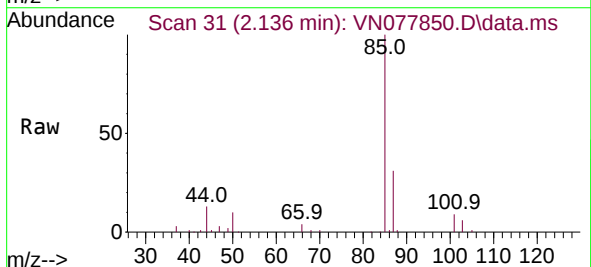
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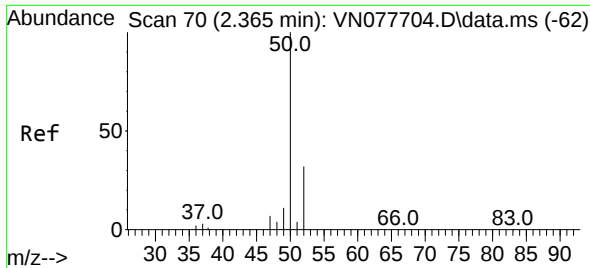
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 18.716 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

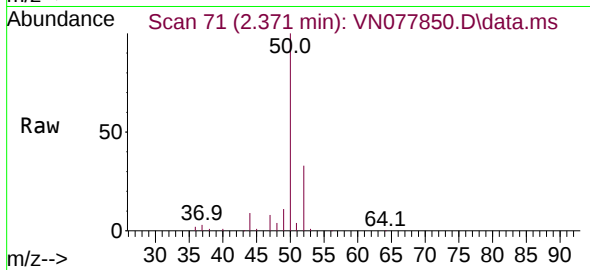
Tgt Ion: 85 Resp: 79671
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





#3
Chloromethane
Concen: 18.900 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

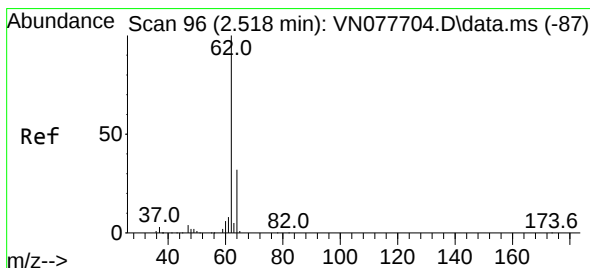
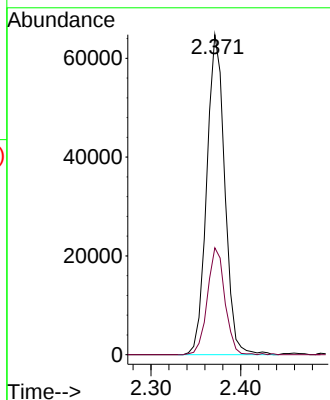
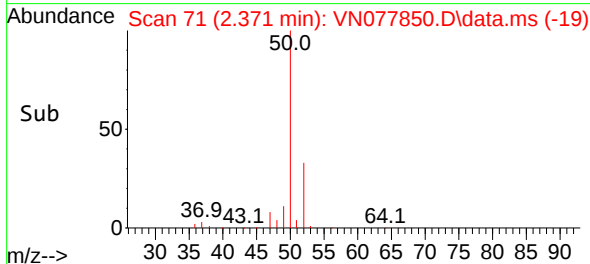
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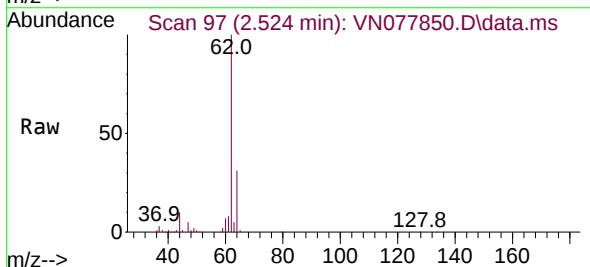
Tgt Ion: 50 Resp: 9033
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

Manual Integrations
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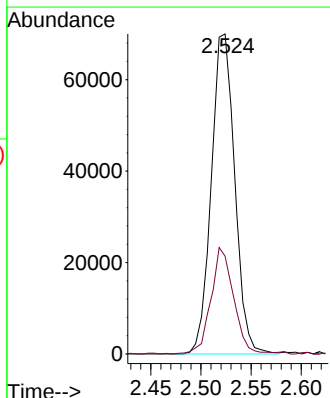
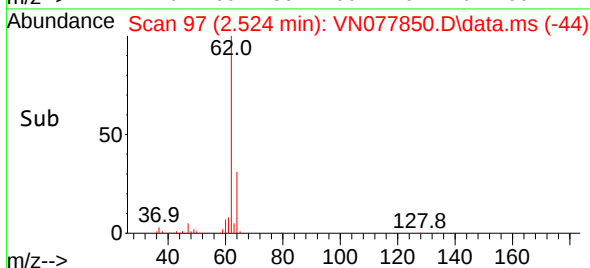
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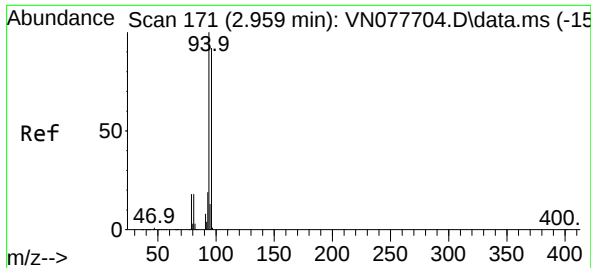


#4
Vinyl Chloride
Concen: 21.158 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



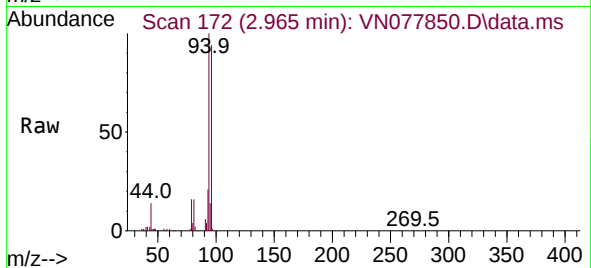
Tgt Ion: 62 Resp: 113552
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2





#5
Bromomethane
Concen: 22.390 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

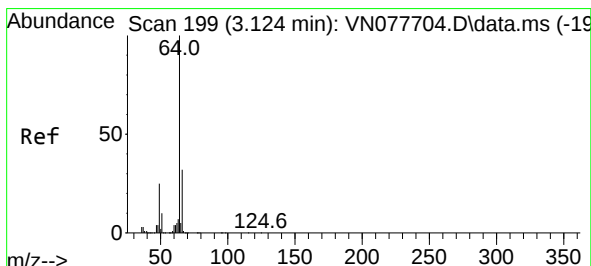
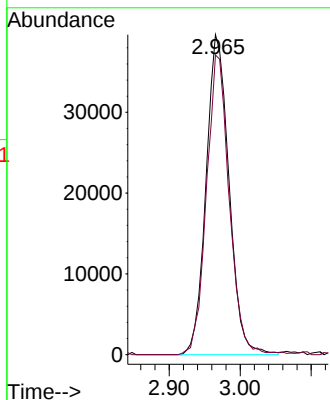
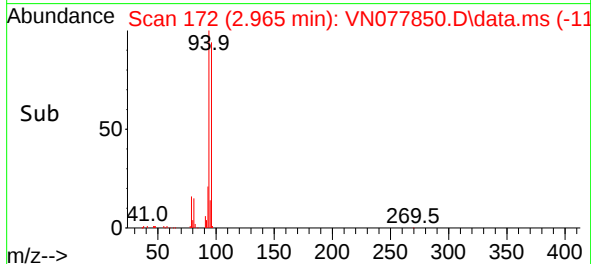
Instrument :
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Tgt Ion: 94 Resp: 88874
Ion Ratio Lower Upper
94 100
96 93.6 73.1 109.7

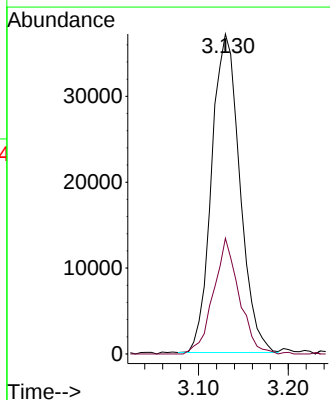
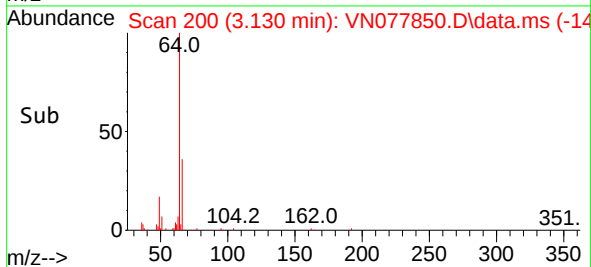
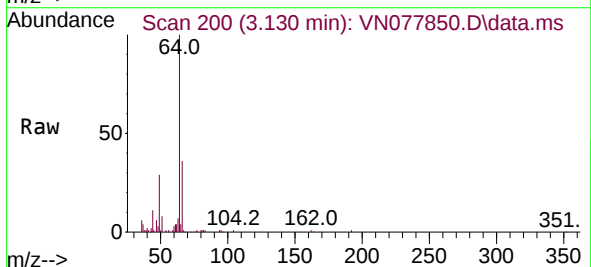
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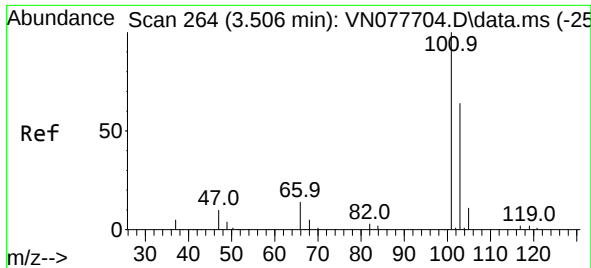
Reviewed By :John Carlone 05/25/2023
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#6
Chloroethane
Concen: 20.948 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Tgt Ion: 64 Resp: 81024
Ion Ratio Lower Upper
64 100
66 36.3 25.4 38.2





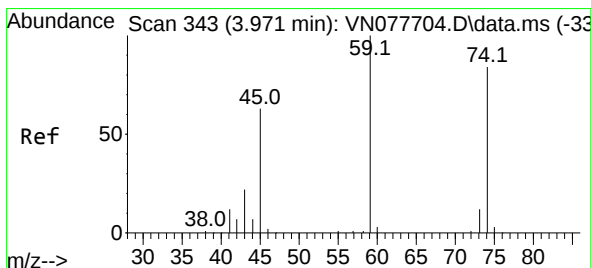
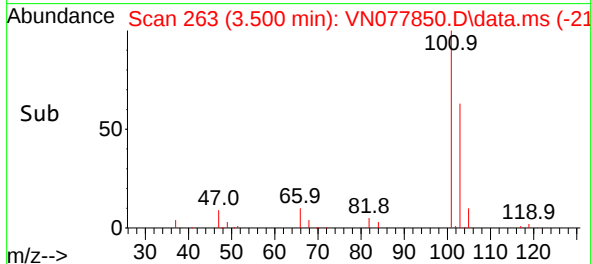
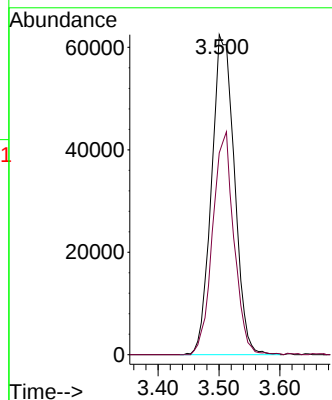
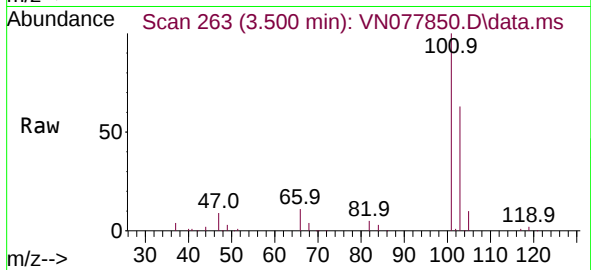
#7
Trichlorofluoromethane
Concen: 21.777 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077850.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 162884
Ion Ratio Lower Upper
101 100
103 63.0 50.7 76.1

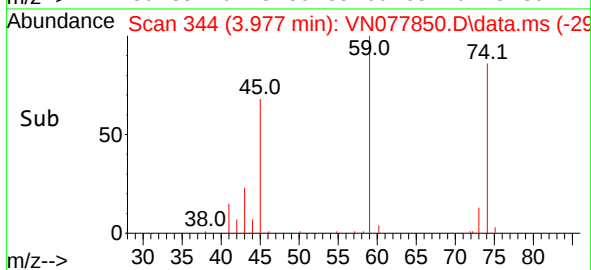
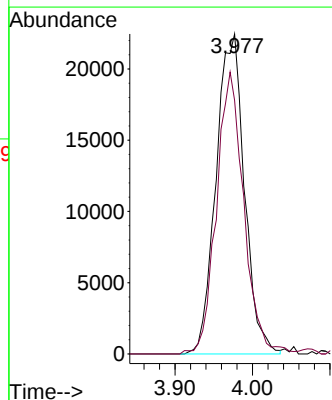
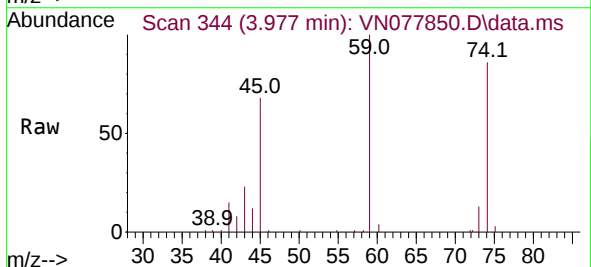
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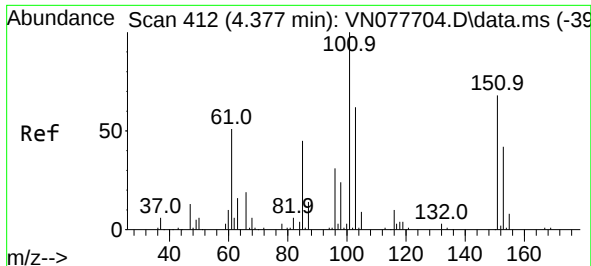
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 20.901 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.012 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Tgt Ion: 74 Resp: 57071
Ion Ratio Lower Upper
74 100
45 85.0 34.4 103.3





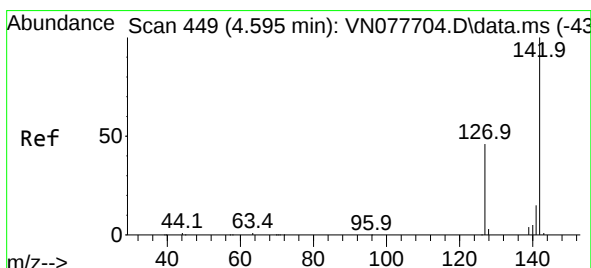
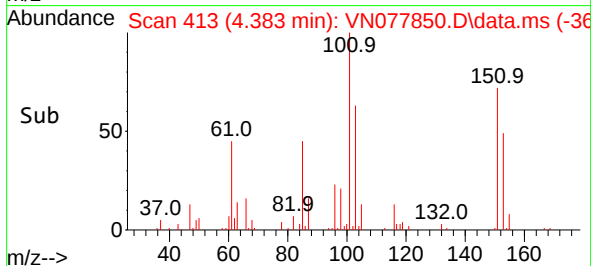
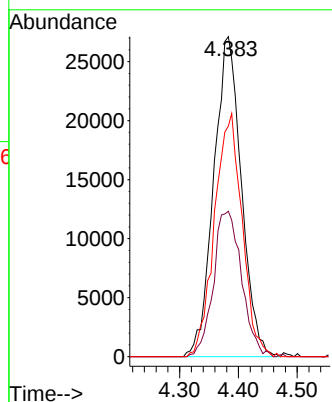
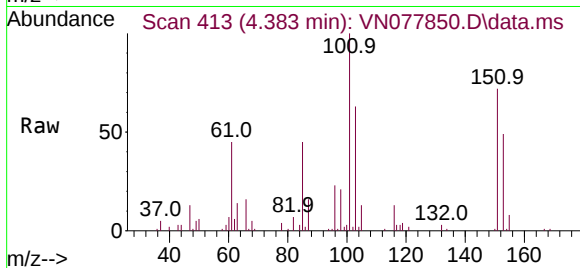
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.365 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion:101 Resp: 8843
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 75.9 57.6 86.4

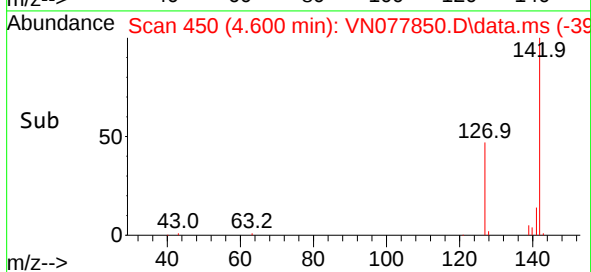
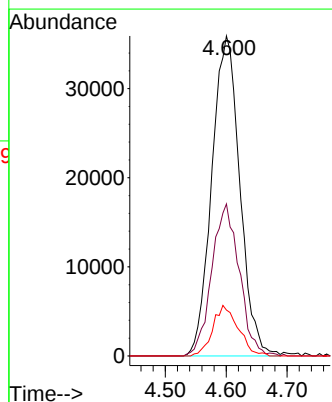
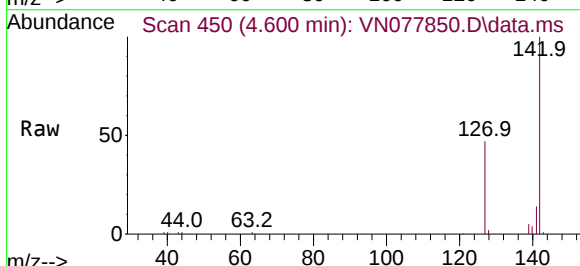
Manual Integrations
APPROVED

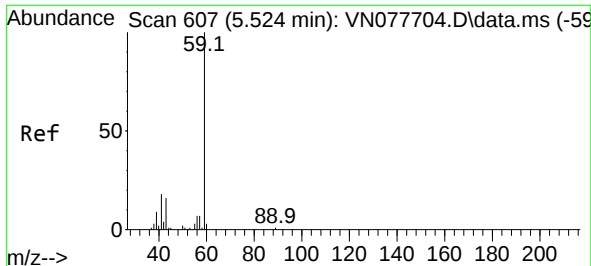
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 23.306 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Tgt Ion:142 Resp: 115048
Ion Ratio Lower Upper
142 100
127 47.5 37.6 56.4
141 14.4 11.4 17.0





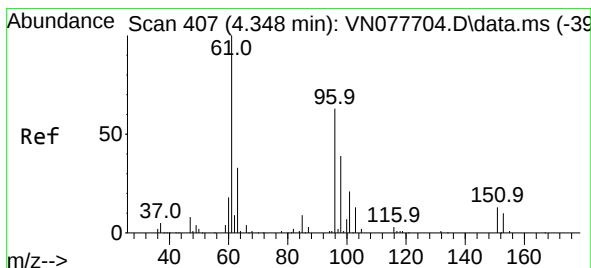
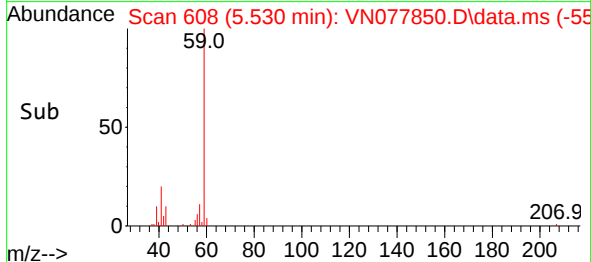
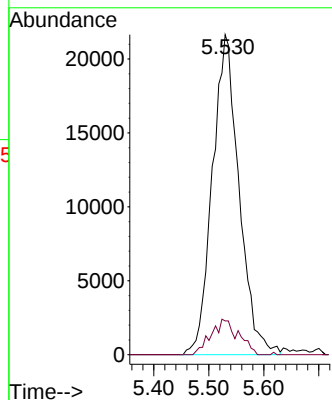
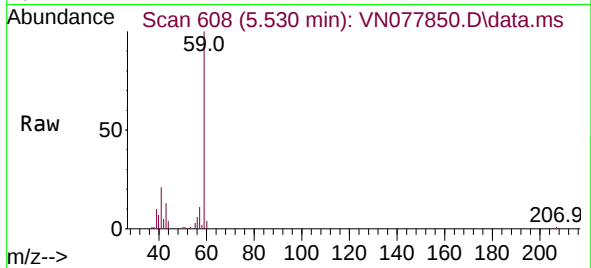
#11
Tert butyl alcohol
Concen: 94.473 ug/l
RT: 5.530 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 59 Resp: 72970
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.4

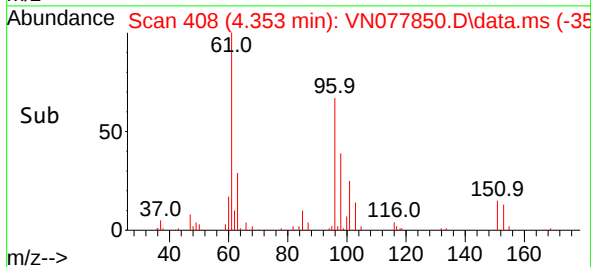
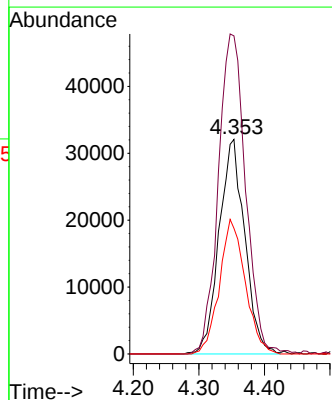
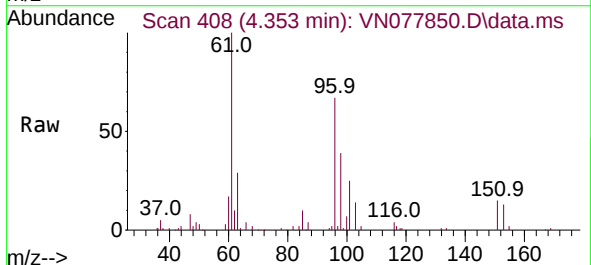
Manual Integrations
APPROVED

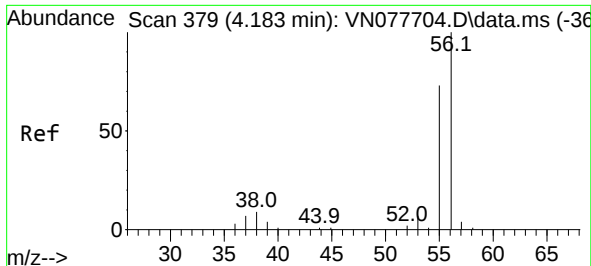
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
1,1-Dichloroethene
Concen: 22.138 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

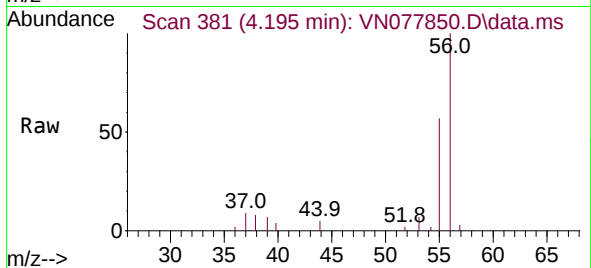
Tgt Ion: 96 Resp: 87091
Ion Ratio Lower Upper
96 100
61 148.3 112.7 169.1
98 58.5 51.2 76.8





#13
Acrolein
Concen: 57.652 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

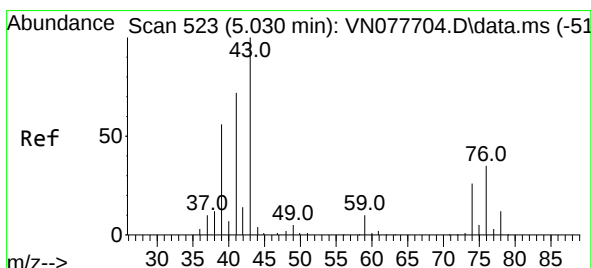
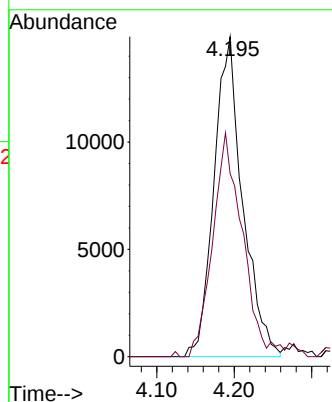
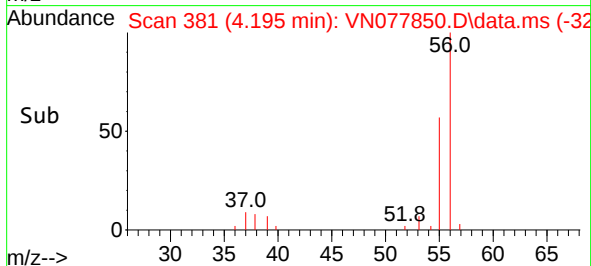
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



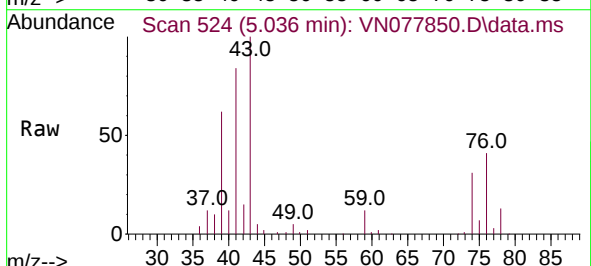
Tgt Ion: 56 Resp: 3832
Ion Ratio Lower Upper
56 100
55 72.4 54.5 81.7

Manual Integrations
APPROVED

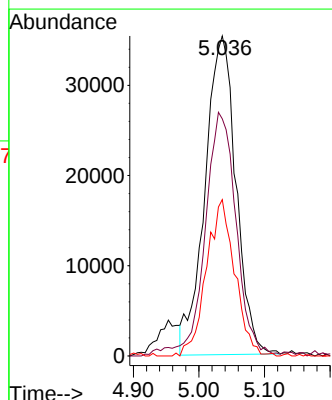
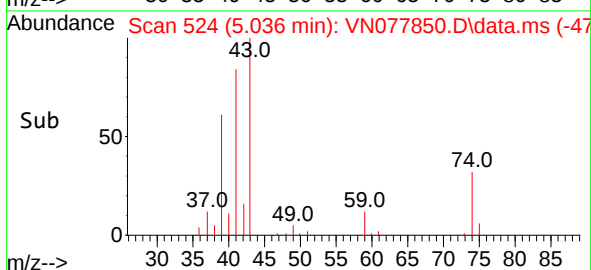
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

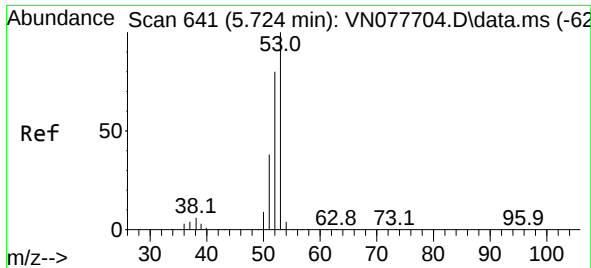


#14
Allyl chloride
Concen: 20.089 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



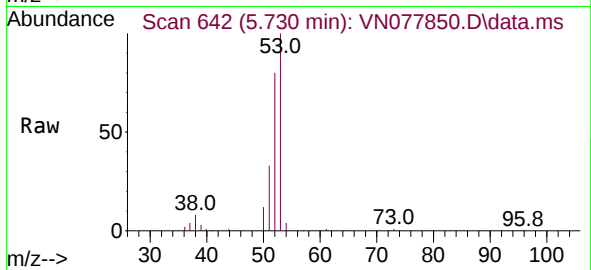
Tgt Ion: 41 Resp: 116103
Ion Ratio Lower Upper
41 100
39 77.0 58.8 88.2
76 45.1 39.1 58.7





#15
Acrylonitrile
Concen: 99.027 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

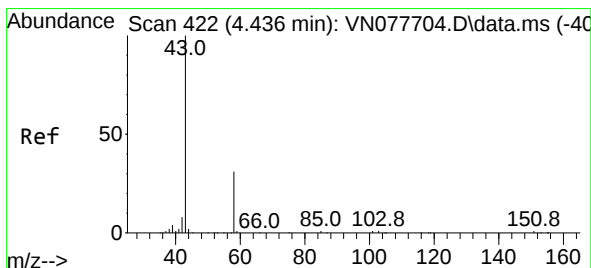
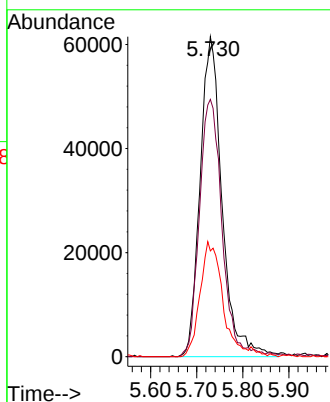
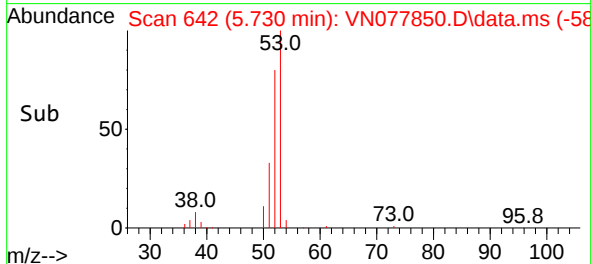
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



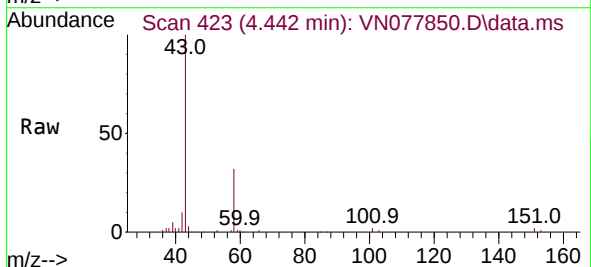
Tgt Ion: 53 Resp: 204344
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 36.7 28.9 43.3

Manual Integrations
APPROVED

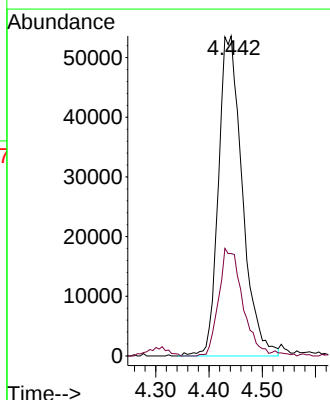
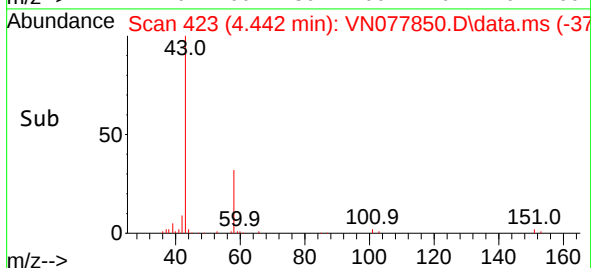
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

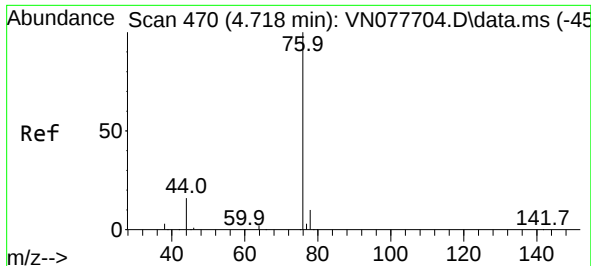


#16
Acetone
Concen: 94.932 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



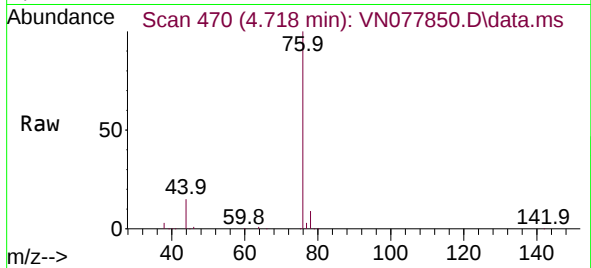
Tgt Ion: 43 Resp: 167153
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0





#17
Carbon Disulfide
Concen: 20.184 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

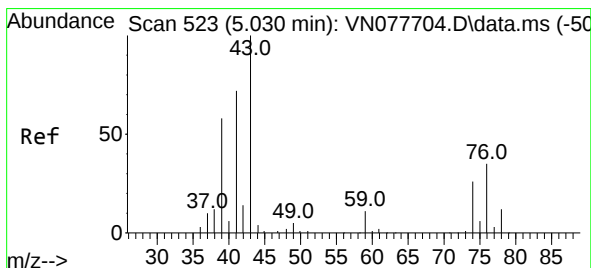
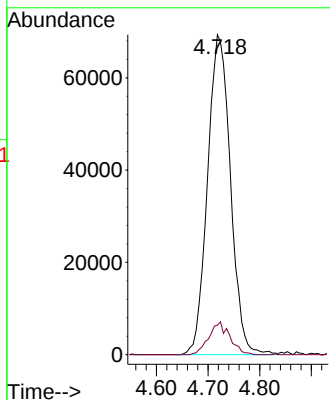
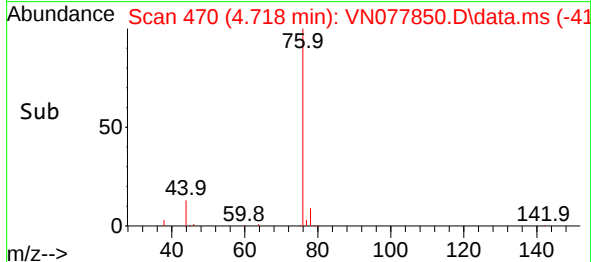
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



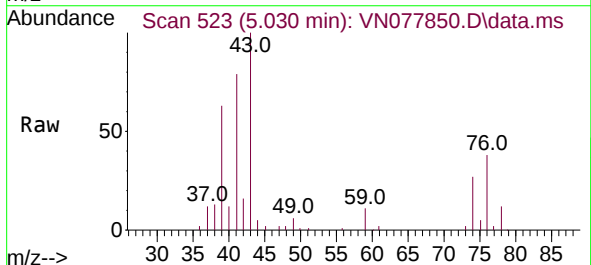
Tgt Ion: 76 Resp: 21395
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

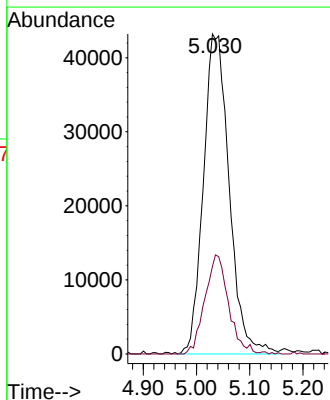
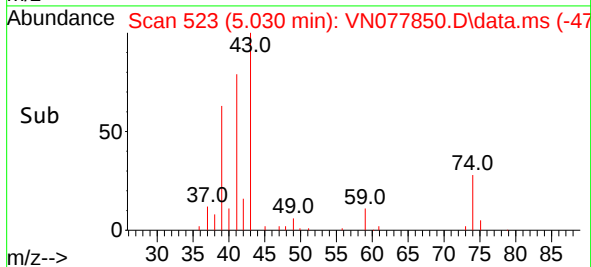
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

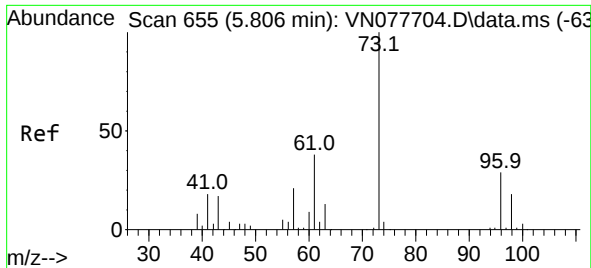


#18
Methyl Acetate
Concen: 19.707 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



Tgt Ion: 43 Resp: 145574
Ion Ratio Lower Upper
43 100
74 28.3 26.2 39.4





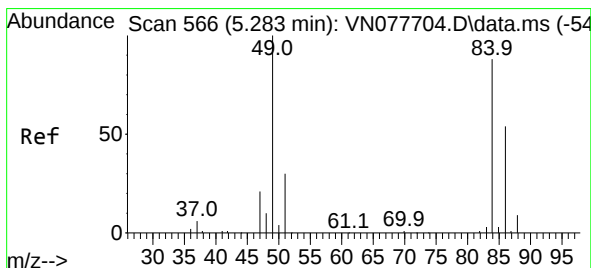
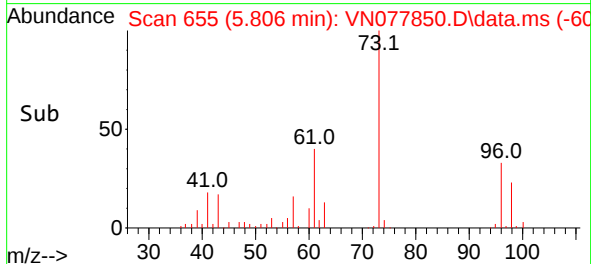
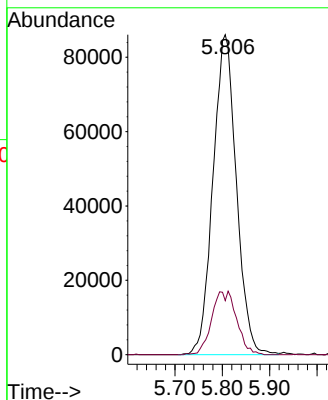
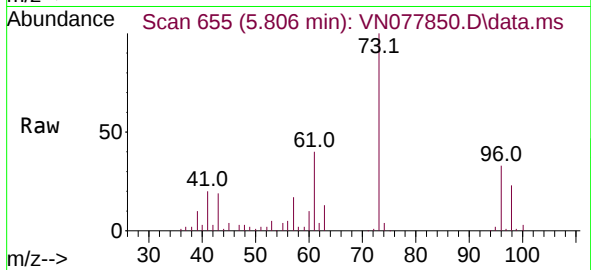
#19
Methyl tert-butyl Ether
Concen: 20.701 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 73 Resp: 29478
Ion Ratio Lower Upper
73 100
57 16.9 15.6 23.4

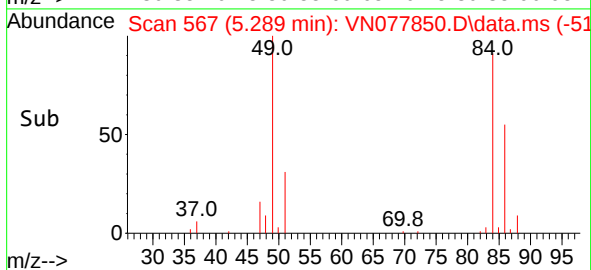
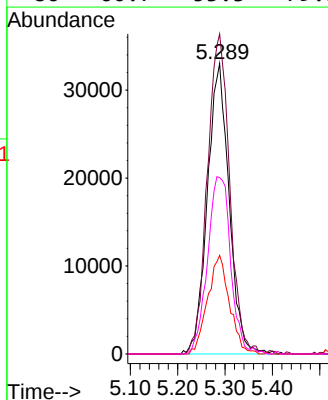
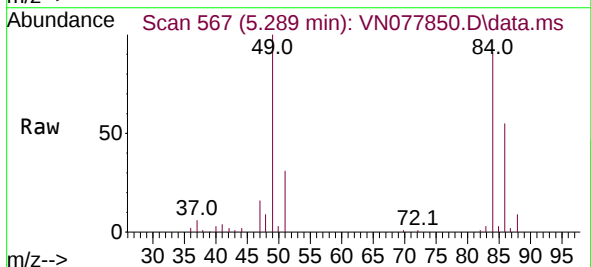
Manual Integrations
APPROVED

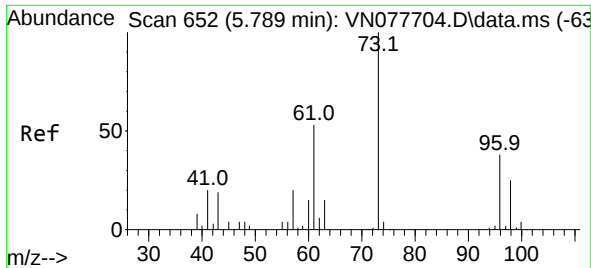
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 21.870 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

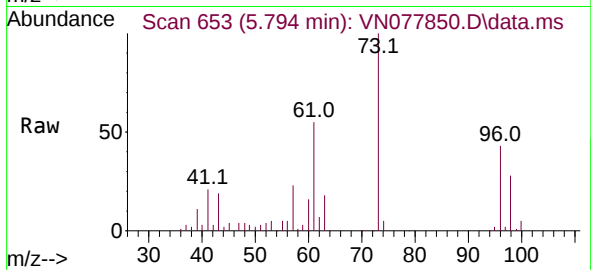
Tgt Ion: 84 Resp: 105323
Ion Ratio Lower Upper
84 100
49 110.2 79.7 119.5
51 34.0 25.2 37.8
86 60.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 21.781 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

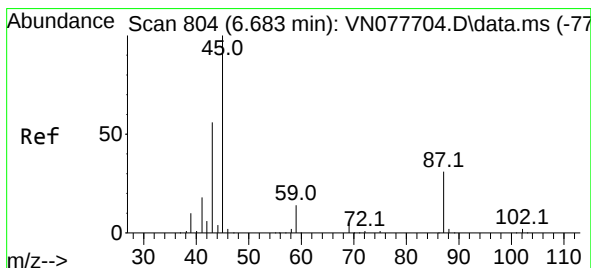
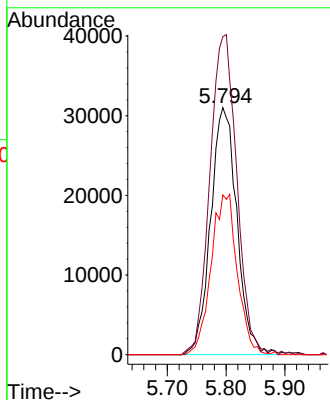
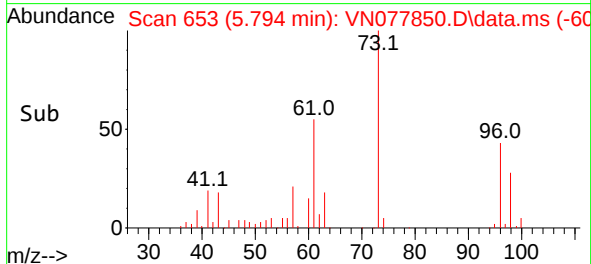
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



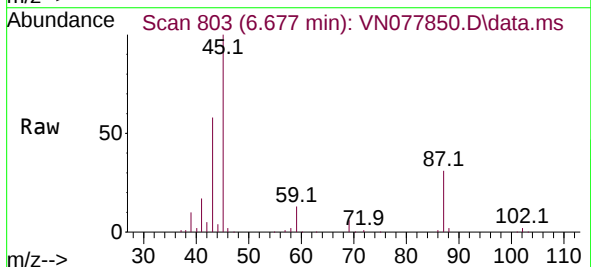
Tgt Ion: 96 Resp: 96252
Ion Ratio Lower Upper
96 100
61 128.7 90.1 135.1
98 64.6 46.4 69.6

Manual Integrations
APPROVED

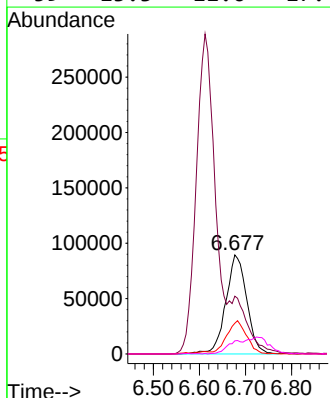
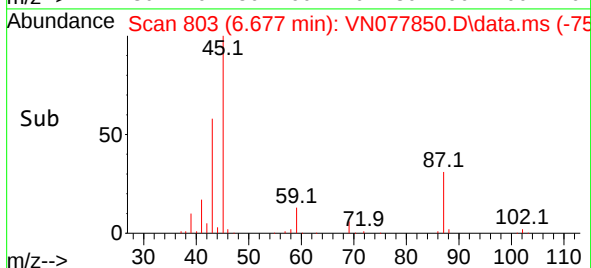
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

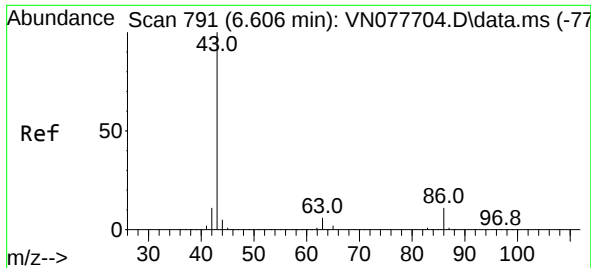


#22
Diisopropyl ether
Concen: 20.864 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



Tgt Ion: 45 Resp: 282637
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 30.9 31.8 47.8#
59 13.3 11.6 17.4





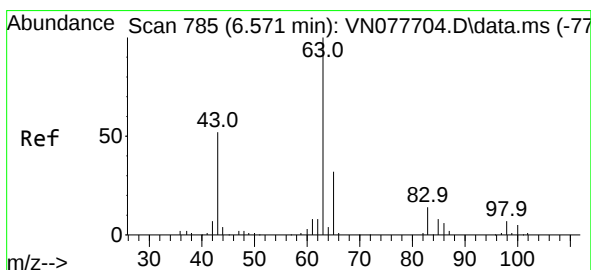
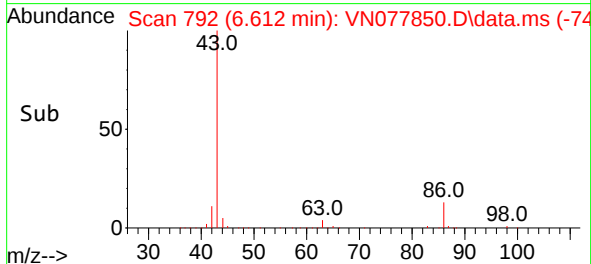
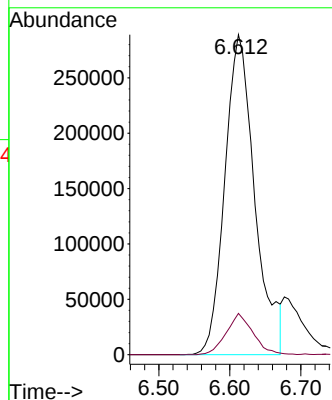
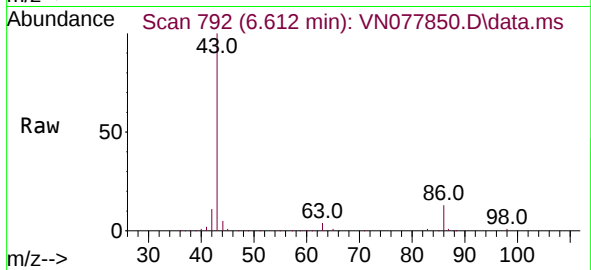
#23
 Vinyl Acetate
 Concen: 100.964 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077850.D
 Acq: 24 May 2023 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS01

Tgt Ion: 43 Resp: 847390
 Ion Ratio Lower Upper
 43 100
 86 12.9 13.0 19.6

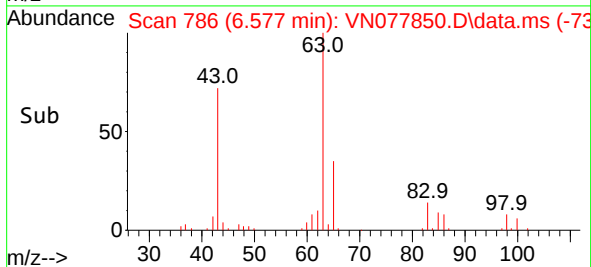
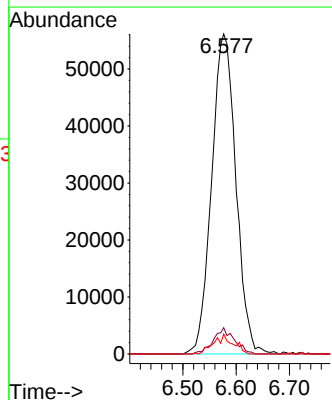
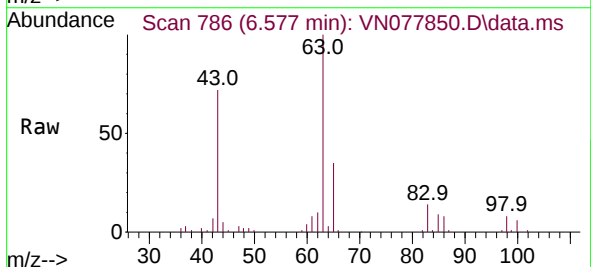
Manual Integrations
 APPROVED

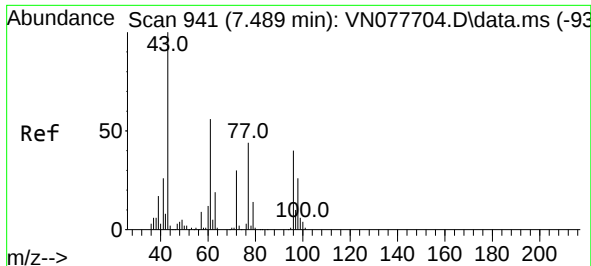
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 21.401 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077850.D
 Acq: 24 May 2023 14:03

Tgt Ion: 63 Resp: 177607
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 6.2 2.5 7.4





#25

2-Butanone

Concen: 94.143 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN077850.D

Acq: 24 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 43 Resp: 259300

Ion Ratio Lower Upper

43 100

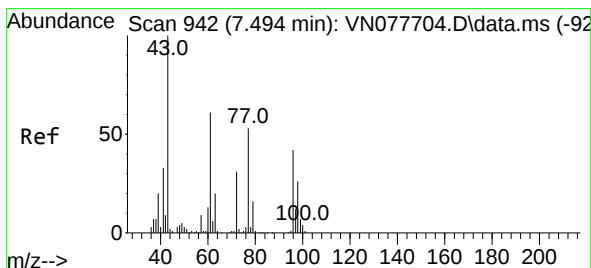
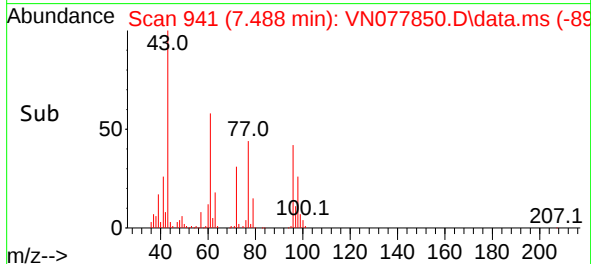
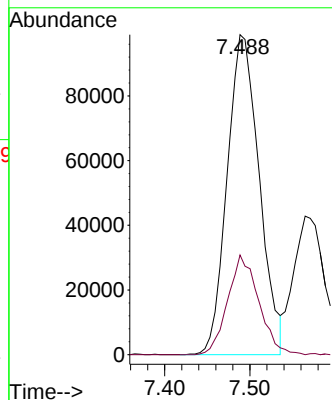
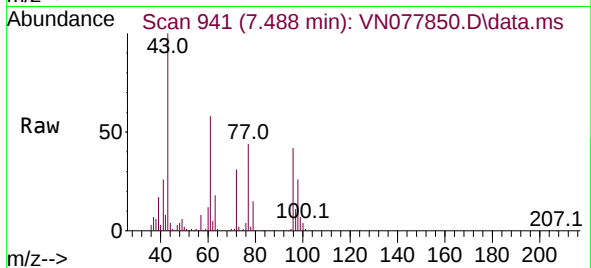
72 31.2 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#26

2,2-Dichloropropane

Concen: 20.807 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN077850.D

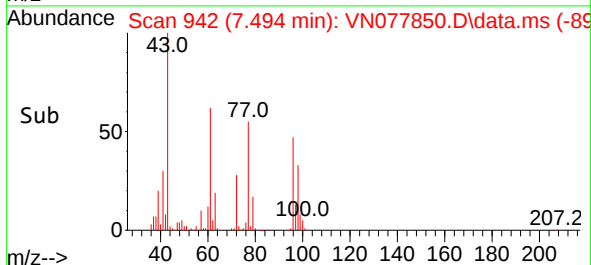
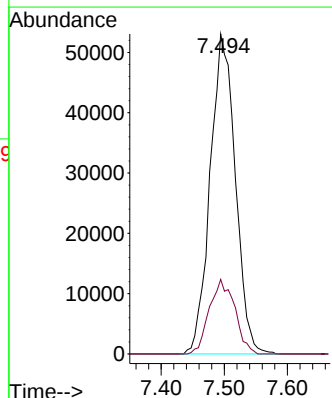
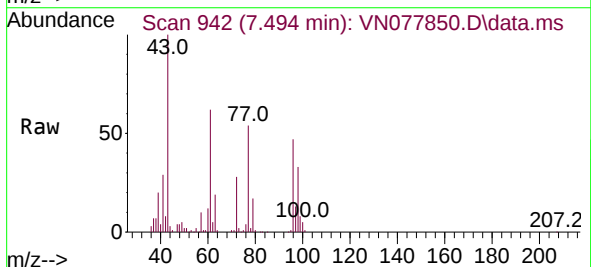
Acq: 24 May 2023 14:03

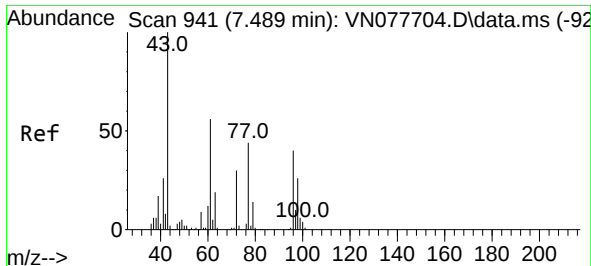
Tgt Ion: 77 Resp: 146705

Ion Ratio Lower Upper

77 100

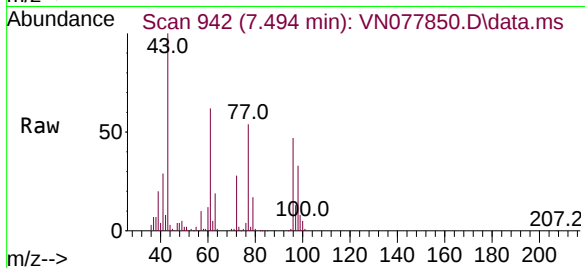
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.741 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077850.D
 Acq: 24 May 2023 14:03

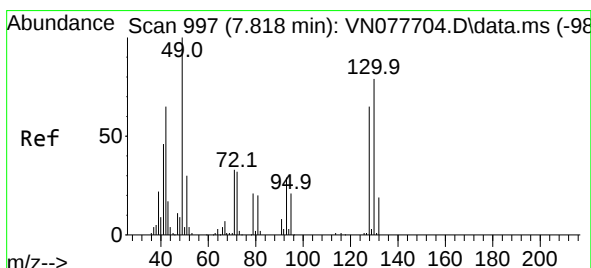
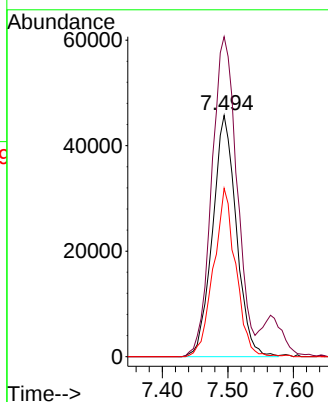
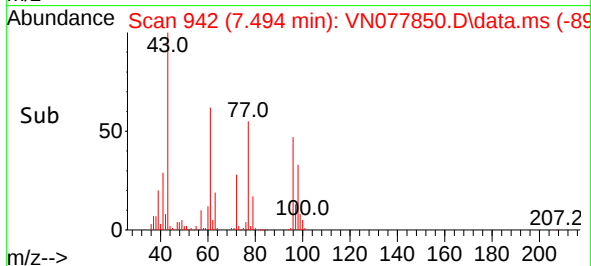
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS01



Tgt Ion: 96 Resp: 115200
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 255.2
 98 65.0 0.0 128.8

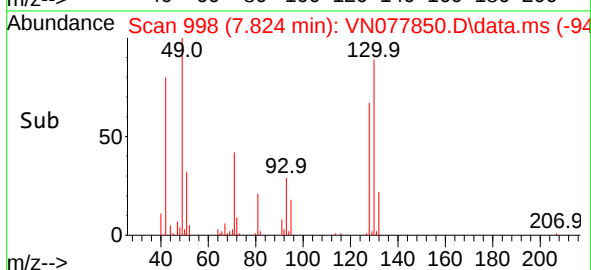
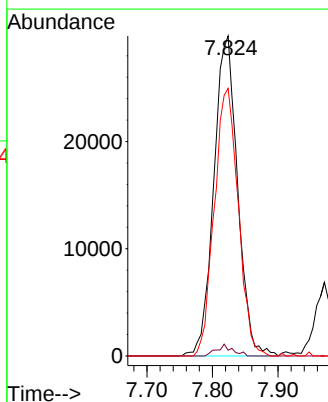
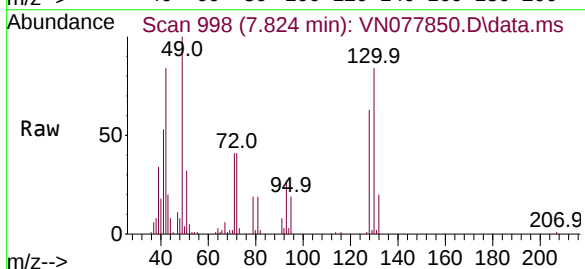
Manual Integrations
 APPROVED

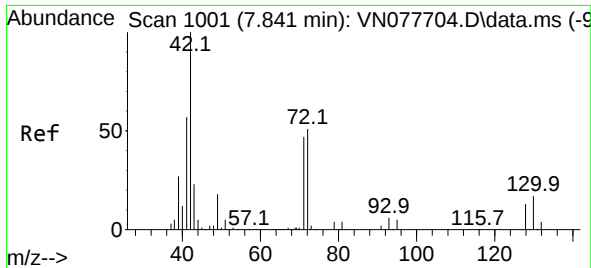
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#28
 Bromochloromethane
 Concen: 20.902 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077850.D
 Acq: 24 May 2023 14:03

Tgt Ion: 49 Resp: 75021
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 84.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 93.511 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077850.D

Acq: 24 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 42 Resp: 168652

Ion Ratio Lower Upper

42 100

72 53.1 49.8 74.6

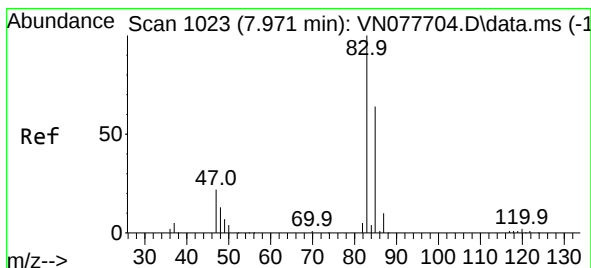
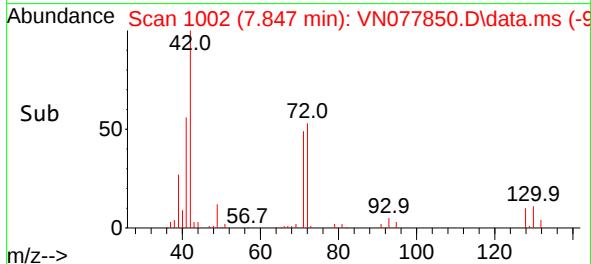
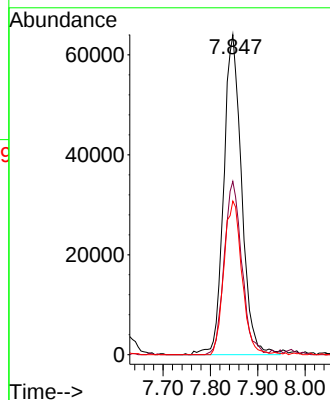
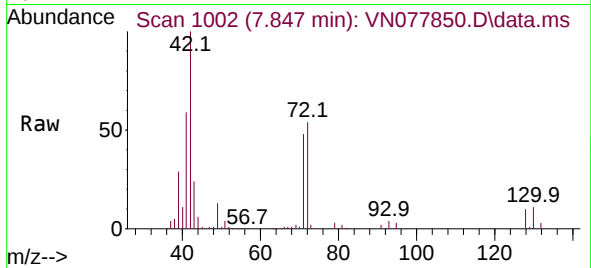
71 48.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 21.596 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077850.D

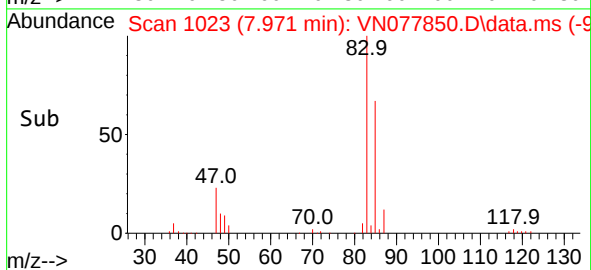
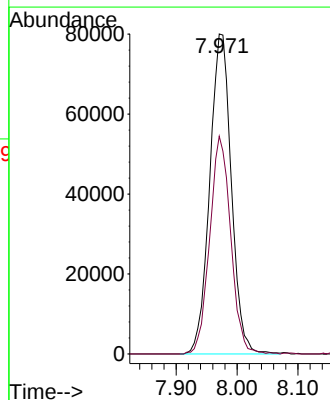
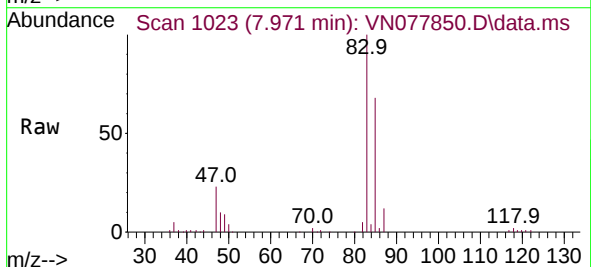
Acq: 24 May 2023 14:03

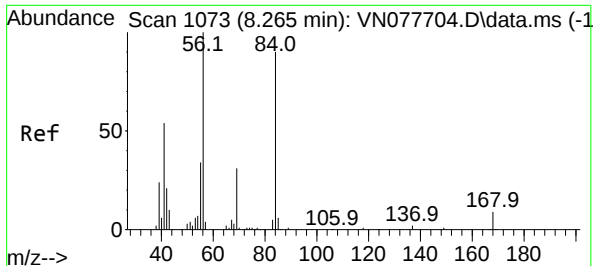
Tgt Ion: 83 Resp: 197158

Ion Ratio Lower Upper

83 100

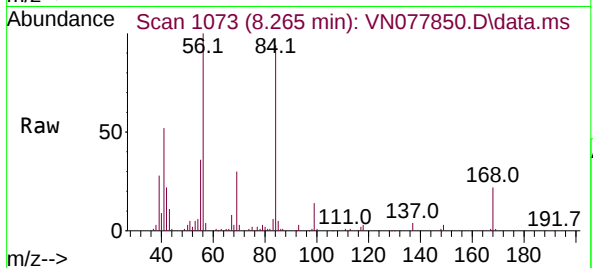
85 68.0 55.4 83.0





#31
Cyclohexane
Concen: 20.478 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

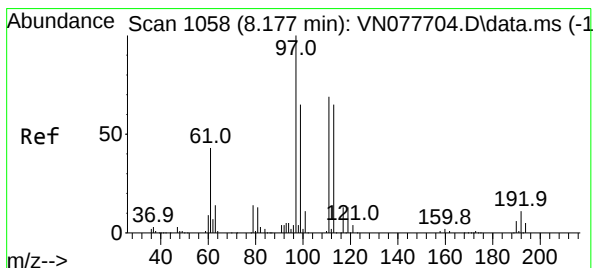
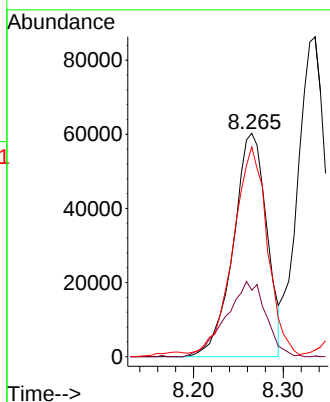
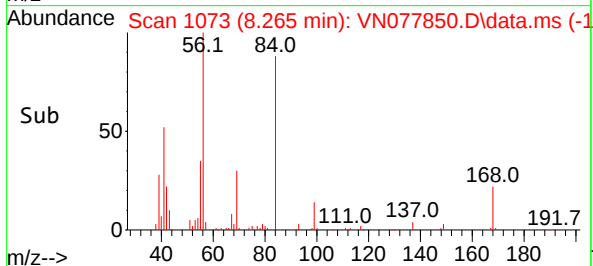
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



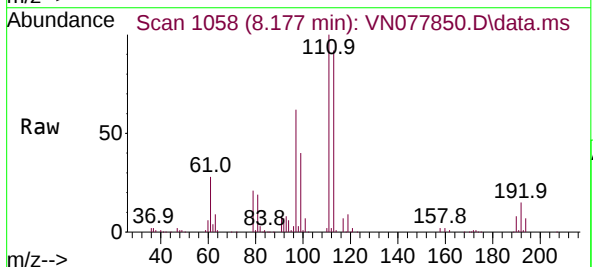
Tgt Ion: 56 Resp: 155770
Ion Ratio Lower Upper
56 100
69 29.8 26.8 40.2
84 91.9 81.8 122.6

Manual Integrations
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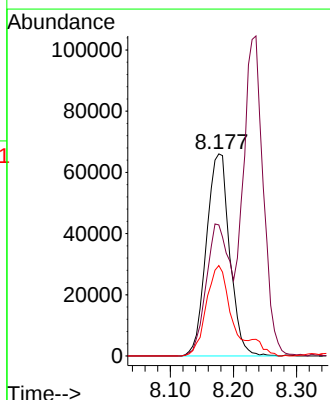
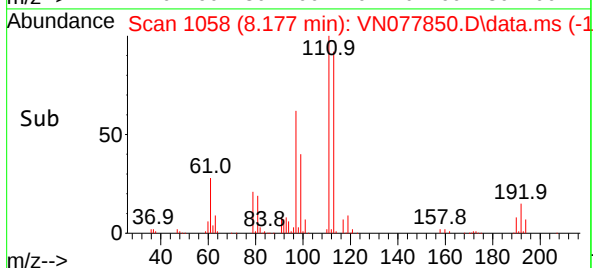
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

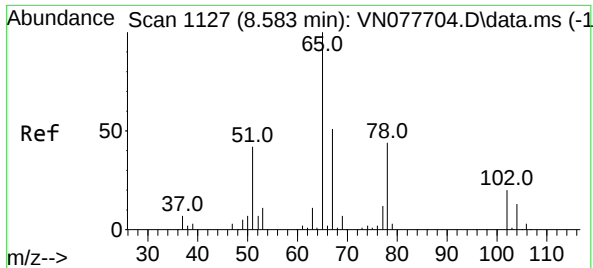


#32
1,1,1-Trichloroethane
Concen: 21.807 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



Tgt Ion: 97 Resp: 169259
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 46.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.463 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077850.D

Acq: 24 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 65 Resp: 276824

Ion Ratio Lower Upper

65 100

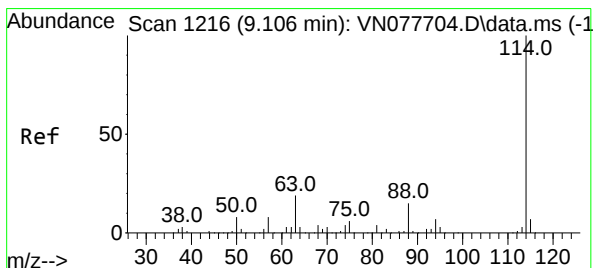
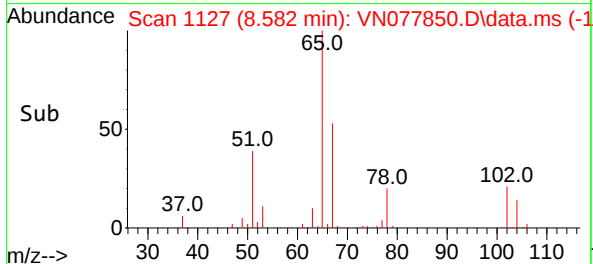
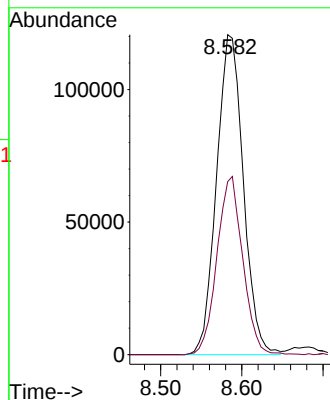
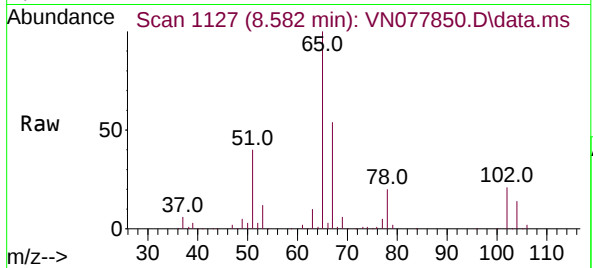
67 53.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077850.D

Acq: 24 May 2023 14:03

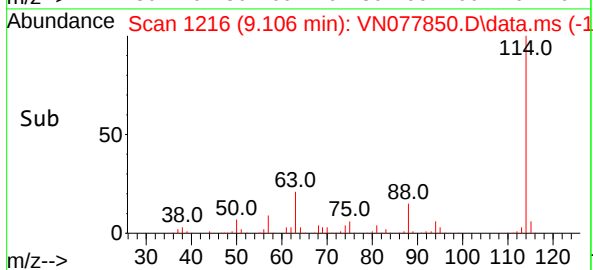
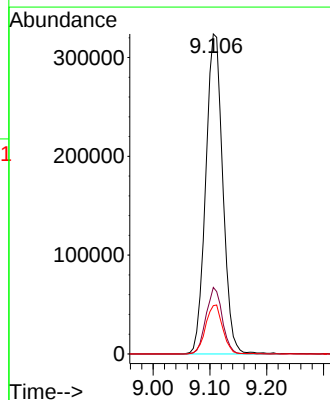
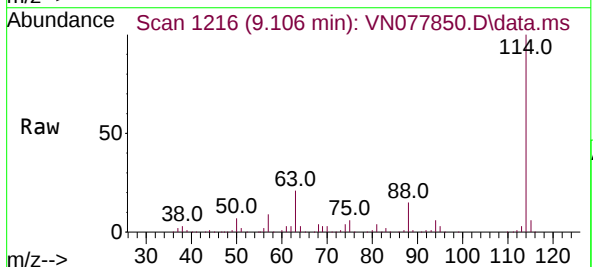
Tgt Ion:114 Resp: 674594

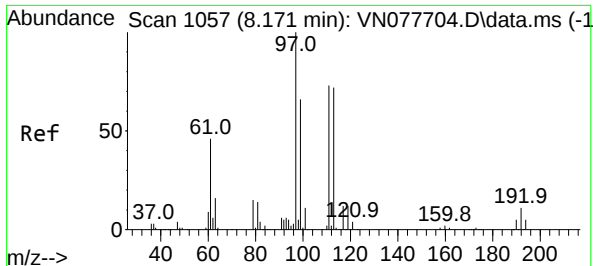
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

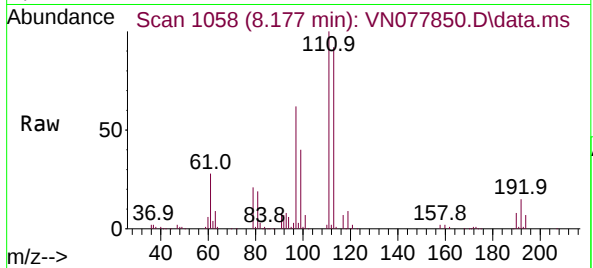
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.942 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

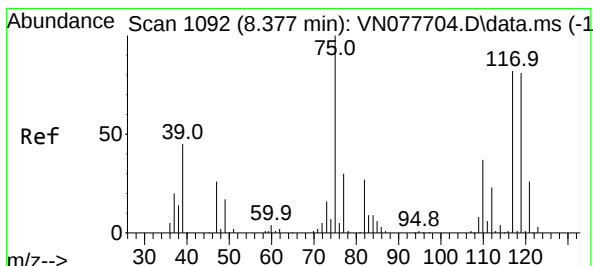
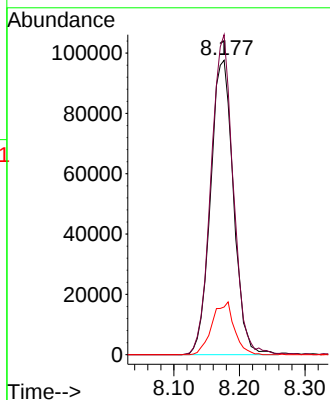
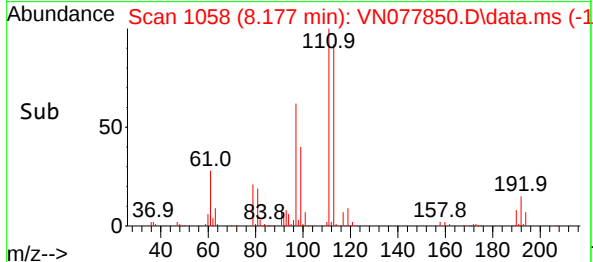
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion: 113 Resp: 23728
Ion Ratio Lower Upper
113 100
111 105.6 82.6 123.8
192 17.3 12.7 19.1

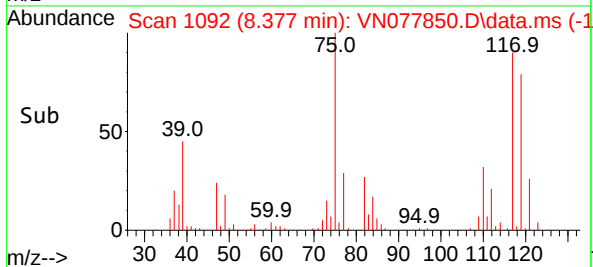
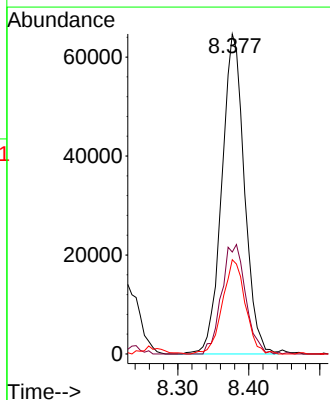
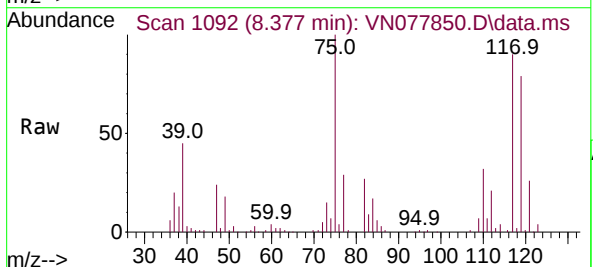
Manual Integrations
APPROVED

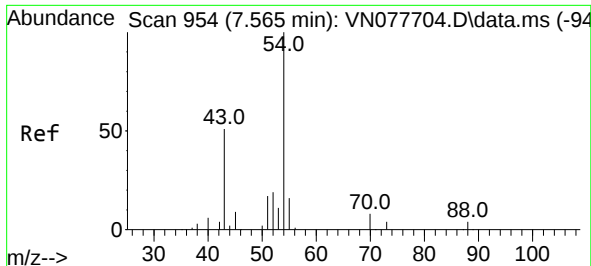
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#36
1,1-Dichloropropene
Concen: 22.183 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

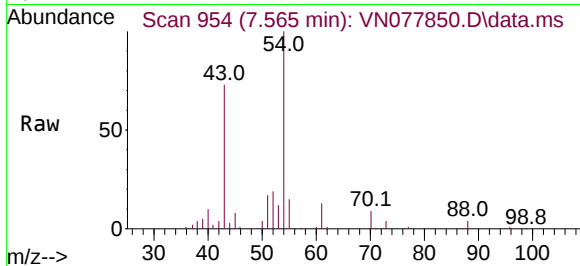
Tgt Ion: 75 Resp: 142728
Ion Ratio Lower Upper
75 100
110 36.5 19.1 57.3
77 29.9 25.0 37.4





#37
Ethyl Acetate
Concen: 19.518 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

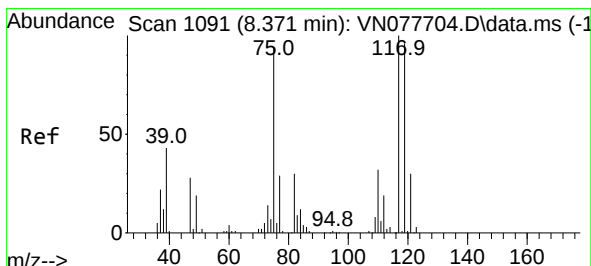
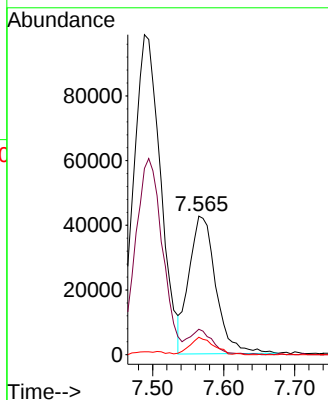
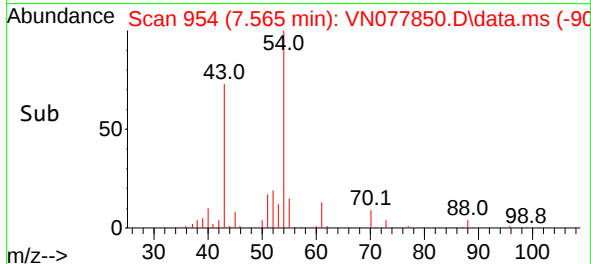
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion: 43 Resp: 111930
Ion Ratio Lower Upper
43 100
61 15.5 13.2 19.8
70 10.5 11.3 16.9

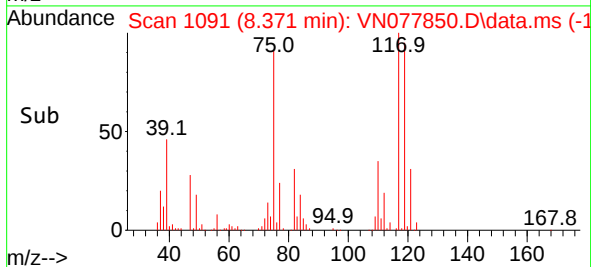
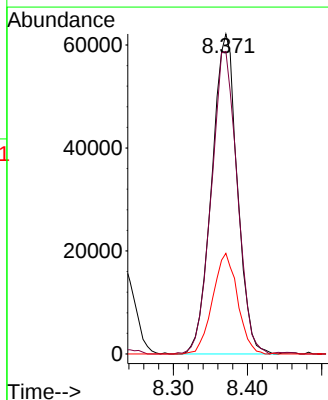
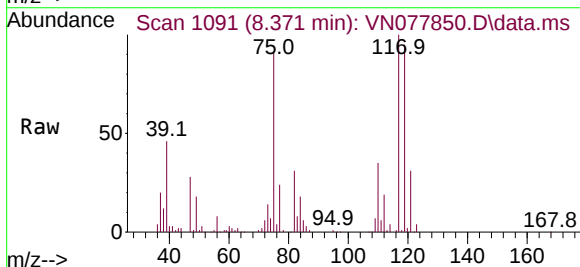
Manual Integrations
APPROVED

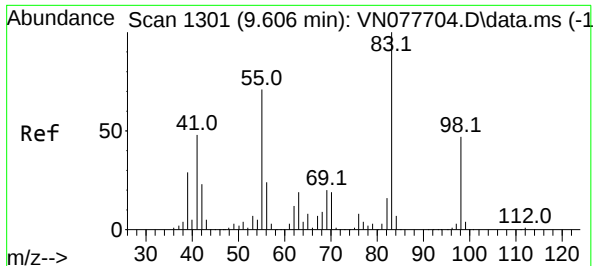
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#38
Carbon Tetrachloride
Concen: 22.832 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Tgt Ion:117 Resp: 148341
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 21.506 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077850.D

Acq: 24 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 83 Resp: 169400

Ion Ratio Lower Upper

83 100

55 69.2 49.1 73.7

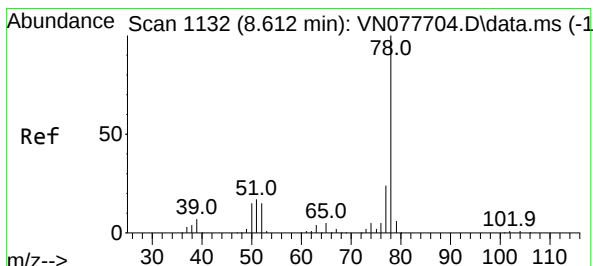
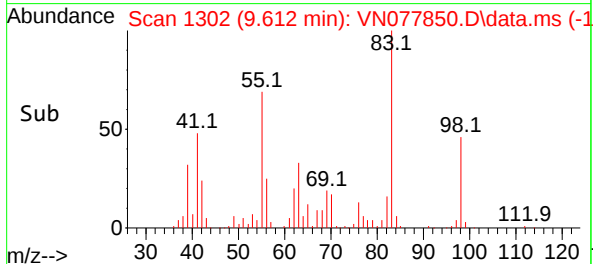
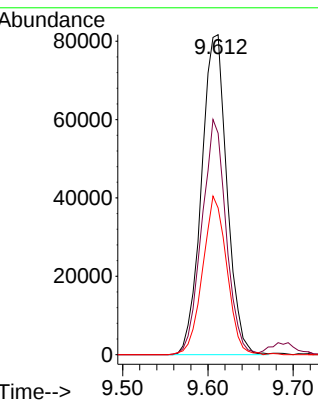
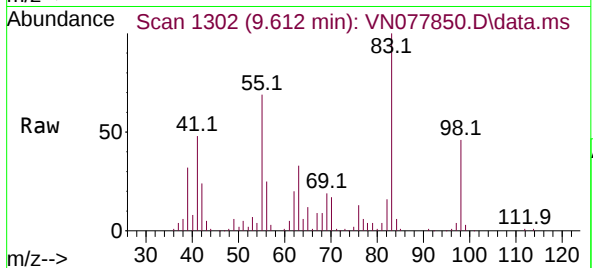
98 45.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 22.481 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077850.D

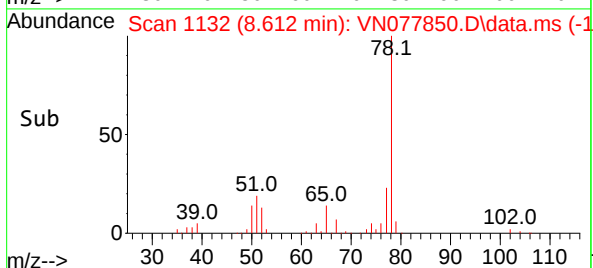
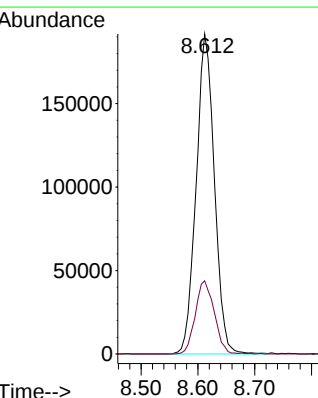
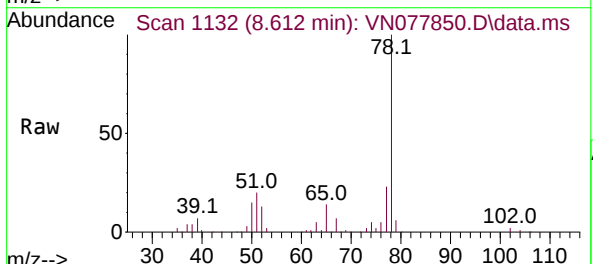
Acq: 24 May 2023 14:03

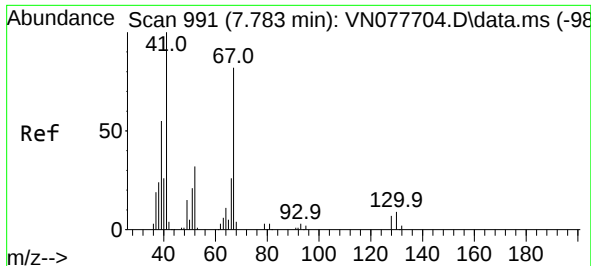
Tgt Ion: 78 Resp: 426844

Ion Ratio Lower Upper

78 100

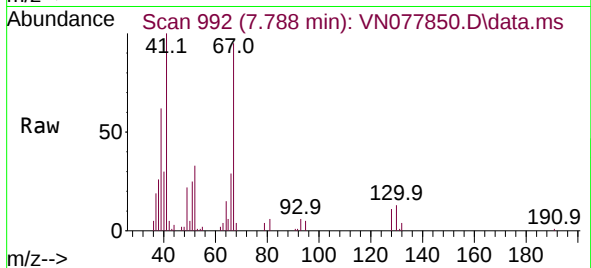
77 22.9 19.0 28.6





#41
Methacrylonitrile
Concen: 18.332 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

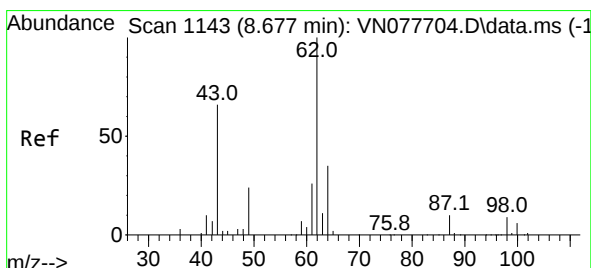
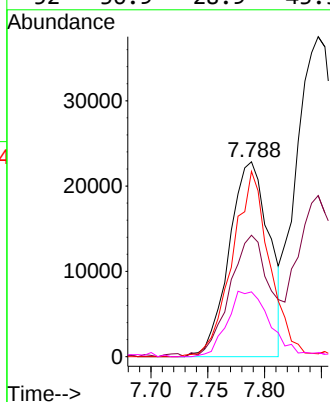
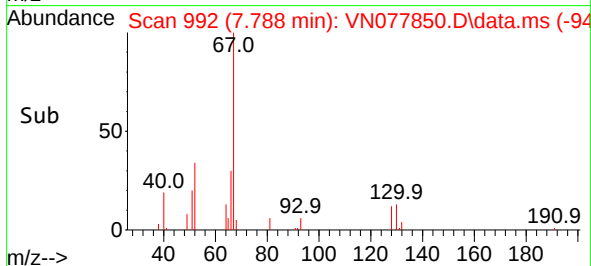
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion: 41 Resp: 5598
Ion Ratio Lower Upper
41 100
39 65.3 42.6 64.0
67 88.8 77.5 116.3
52 36.9 28.9 43.3

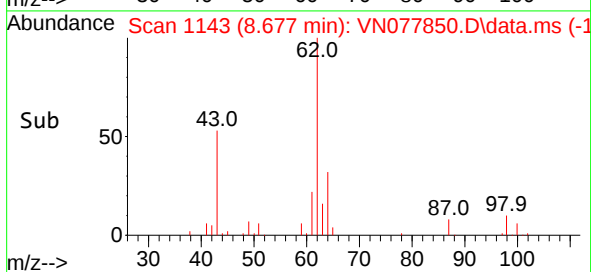
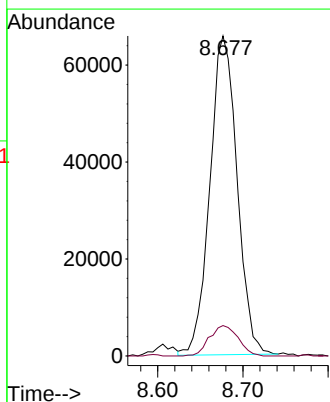
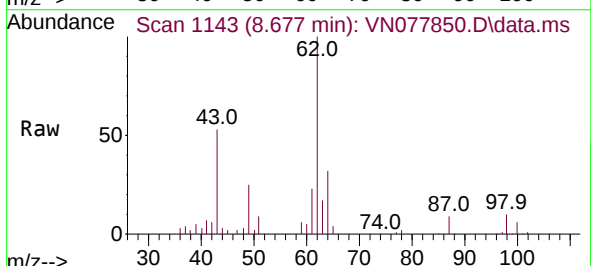
Manual Integrations
APPROVED

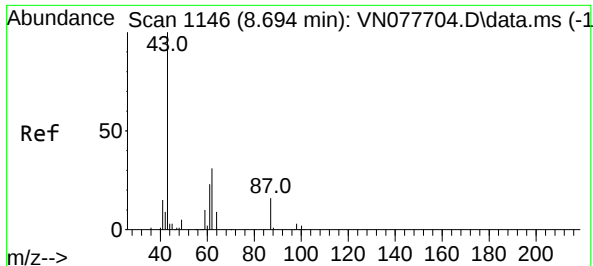
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
1,2-Dichloroethane
Concen: 21.163 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

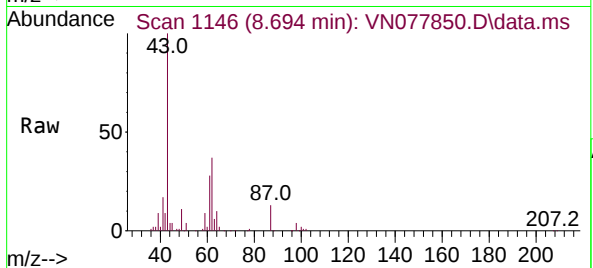
Tgt Ion: 62 Resp: 145961
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 21.074 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

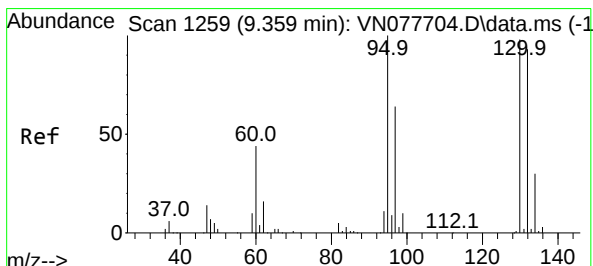
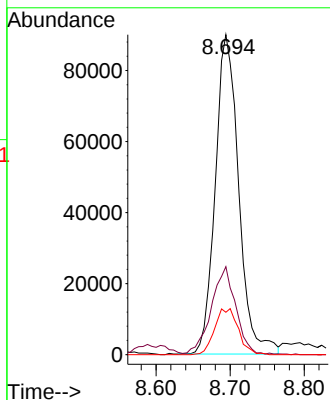
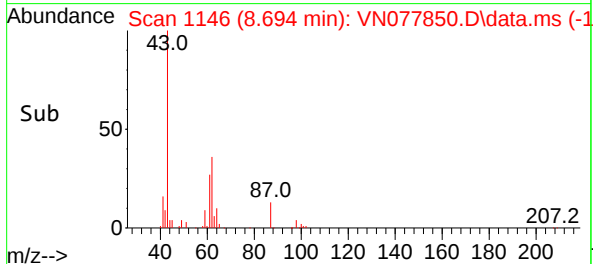
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



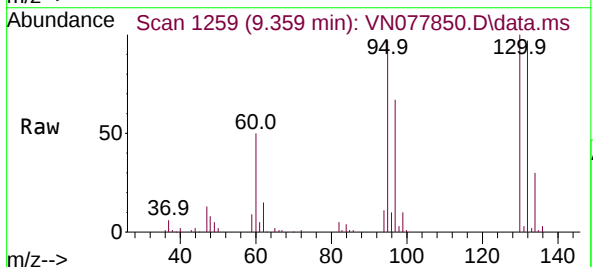
Tgt Ion: 43 Resp: 197400
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 14.6 14.6 21.8

Manual Integrations
APPROVED

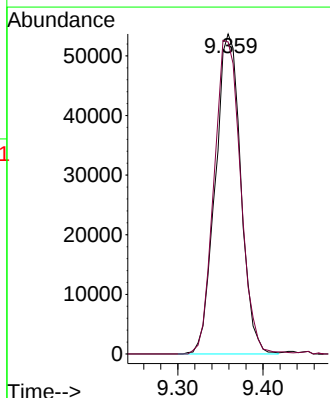
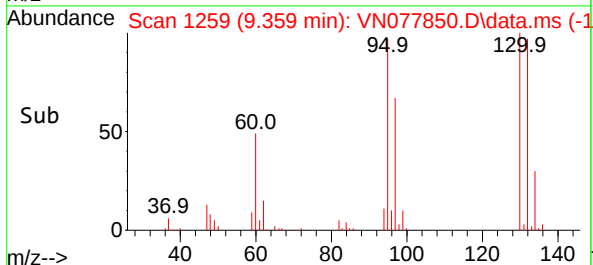
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

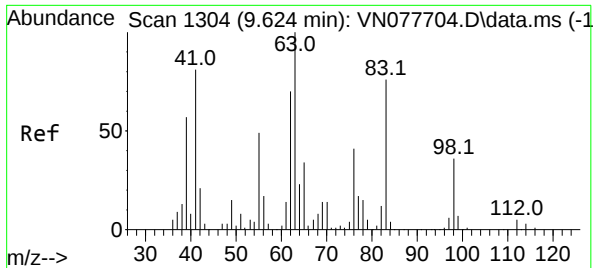


#44
Trichloroethene
Concen: 23.171 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



Tgt Ion:130 Resp: 111399
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.017 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077850.D

Acq: 24 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 63 Resp: 106629

Ion Ratio Lower Upper

63 100

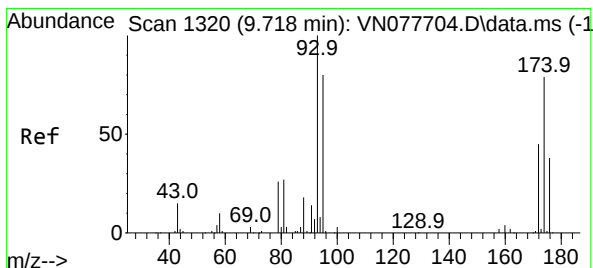
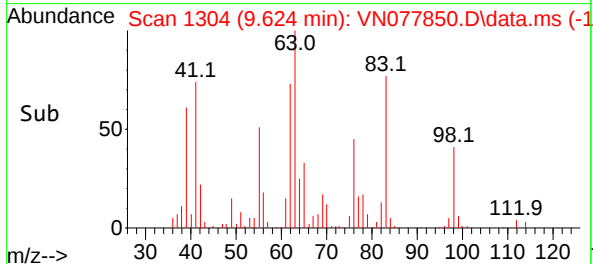
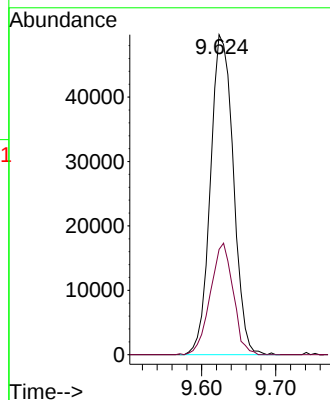
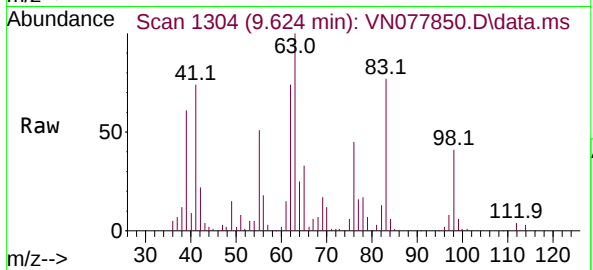
65 32.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 21.917 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077850.D

Acq: 24 May 2023 14:03

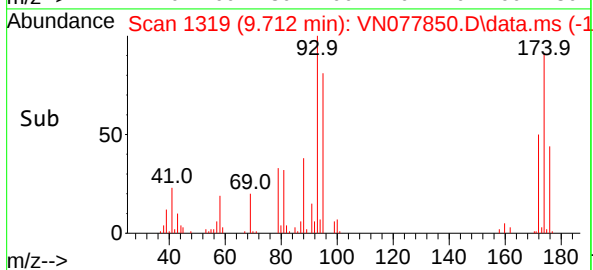
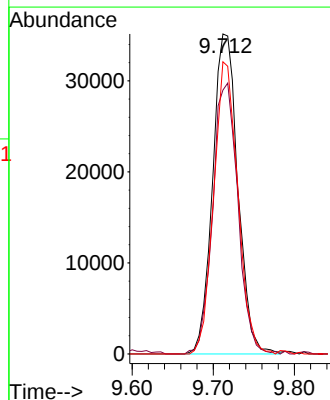
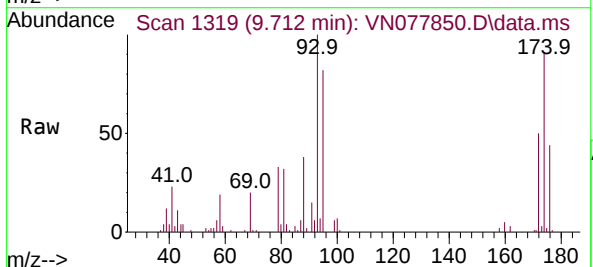
Tgt Ion: 93 Resp: 75955

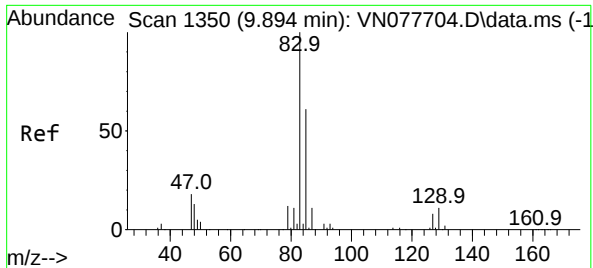
Ion Ratio Lower Upper

93 100

95 84.4 63.8 95.8

174 87.4 65.6 98.4





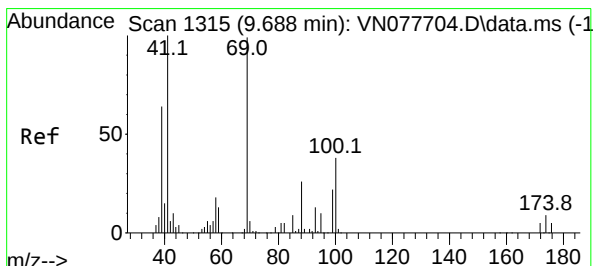
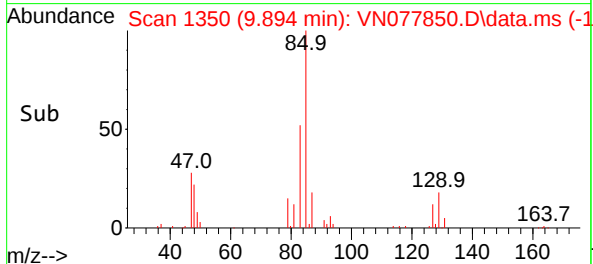
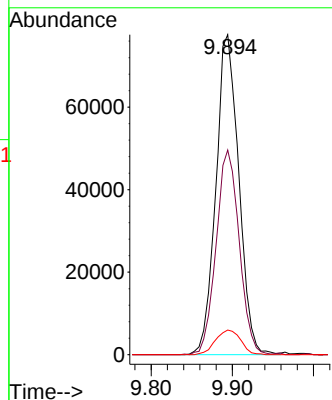
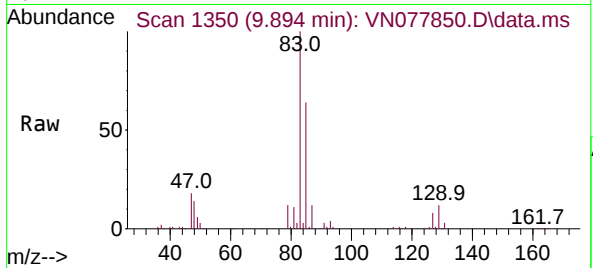
#47
Bromodichloromethane
Concen: 22.915 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 83 Resp: 15203
Ion Ratio Lower Upper
83 100
85 64.0 49.6 74.4
127 7.7 7.0 10.6

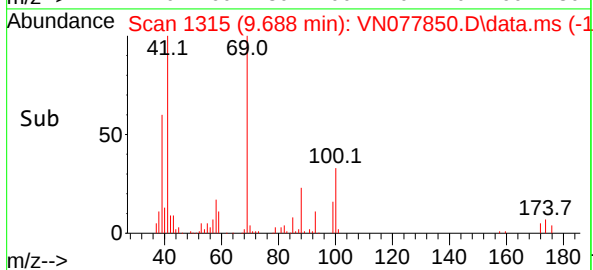
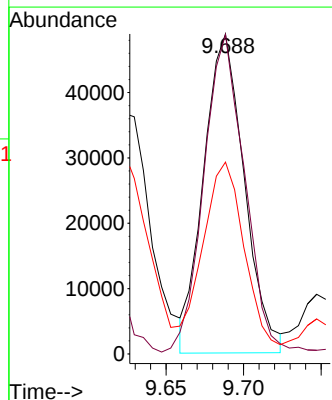
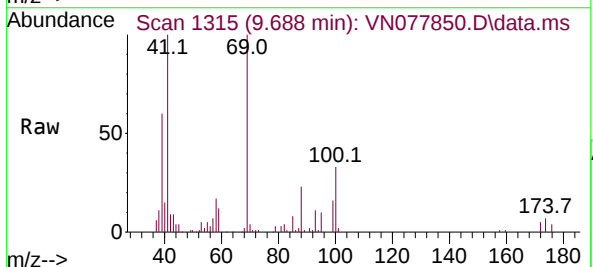
Manual Integrations
APPROVED

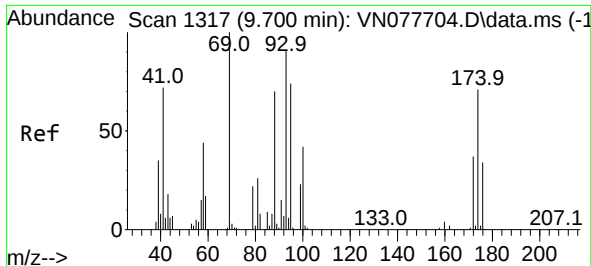
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
Methyl methacrylate
Concen: 19.999 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

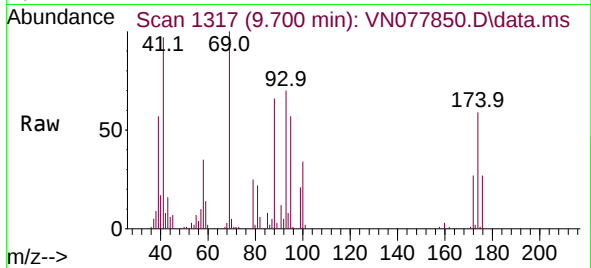
Tgt Ion: 41 Resp: 88819
Ion Ratio Lower Upper
41 100
69 99.7 90.4 135.6
39 62.9 54.6 81.8





#49
1,4-Dioxane
Concen: 443.909 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

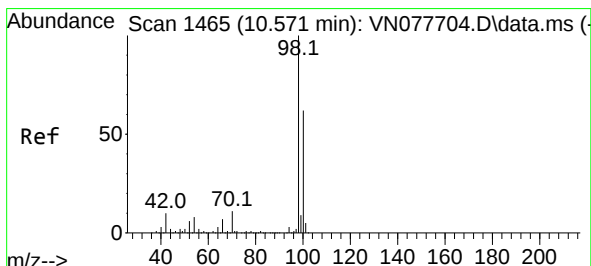
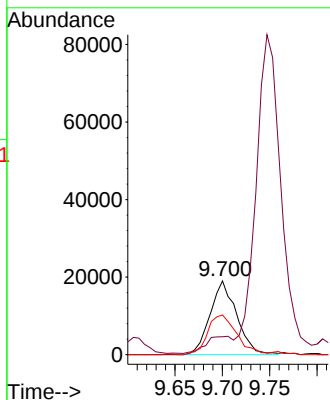
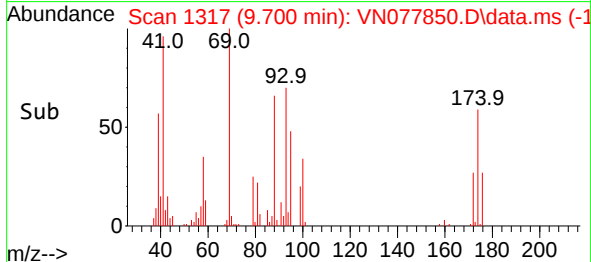
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion: 88 Resp: 37230
Ion Ratio Lower Upper
88 100
43 23.7 17.0 25.6
58 58.7 47.0 70.4

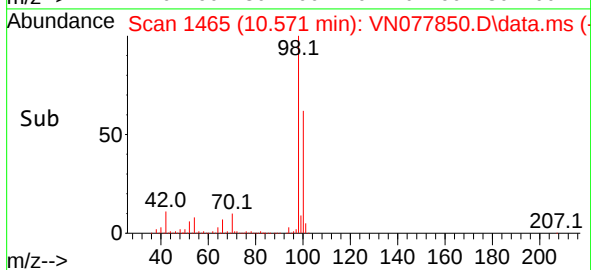
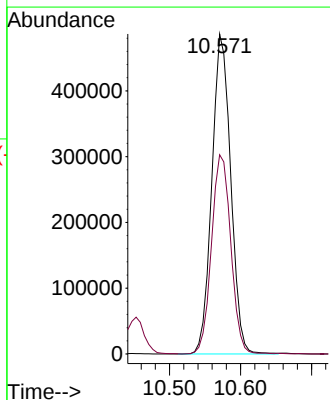
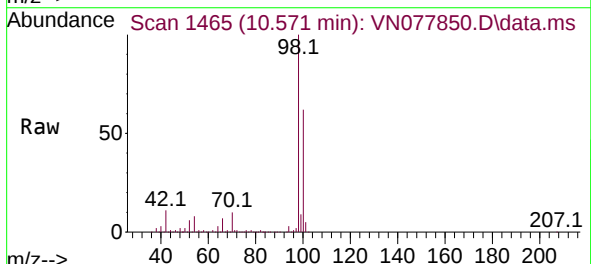
Manual Integrations
APPROVED

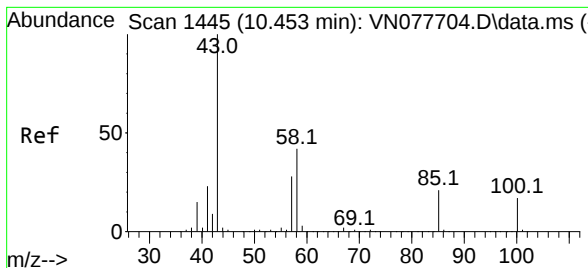
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#50
Toluene-d8
Concen: 52.788 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Tgt Ion: 98 Resp: 893799
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





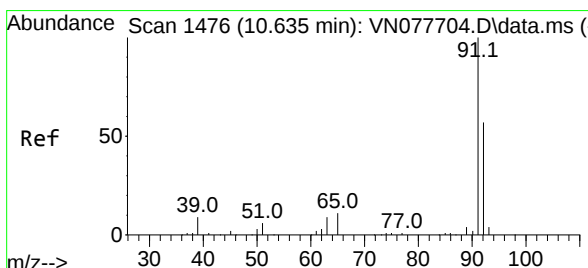
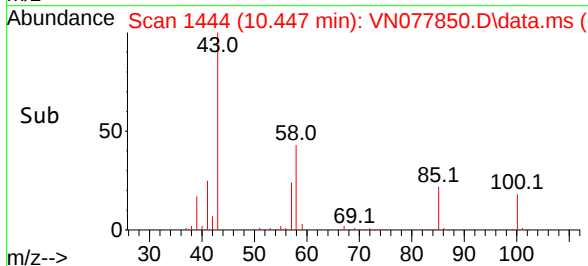
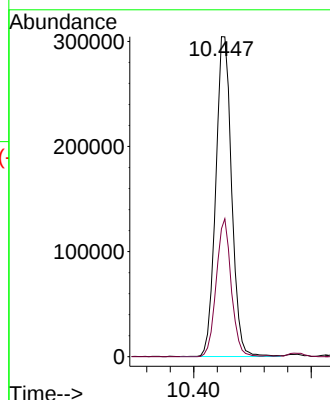
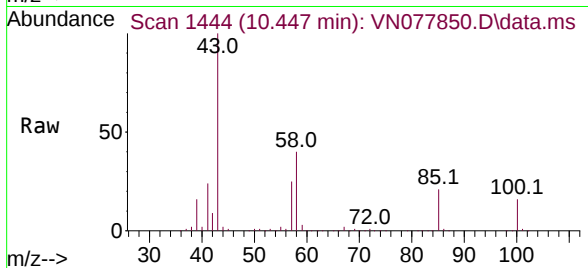
#51
4-Methyl-2-Pentanone
Concen: 102.468 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 43 Resp: 57054
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

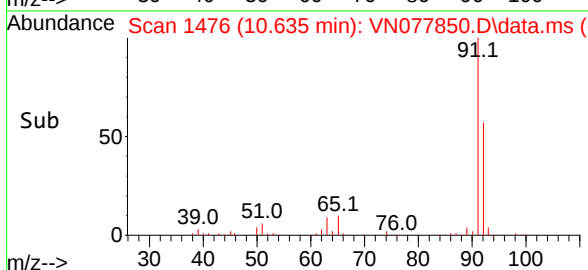
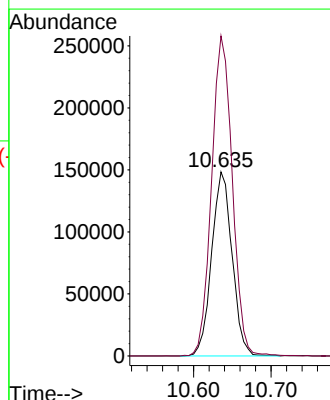
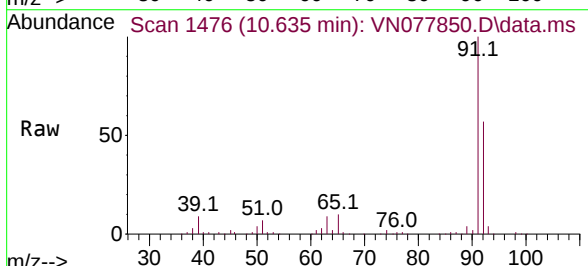
Manual Integrations
APPROVED

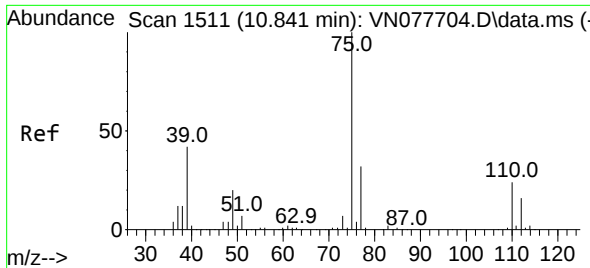
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 23.027 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

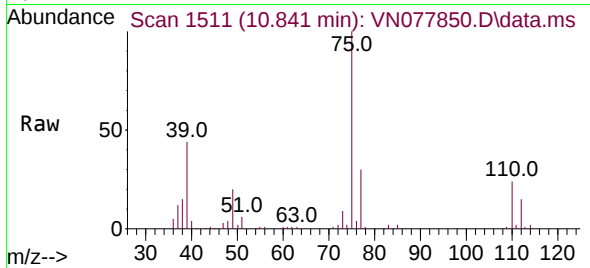
Tgt Ion: 92 Resp: 272186
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 21.556 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077850.D
 Acq: 24 May 2023 14:03

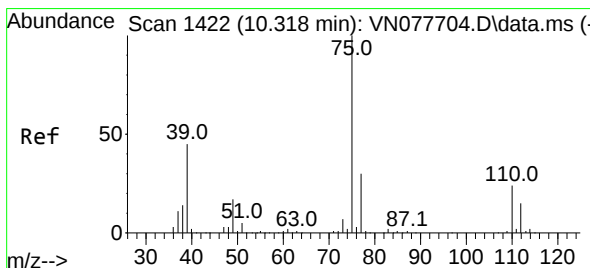
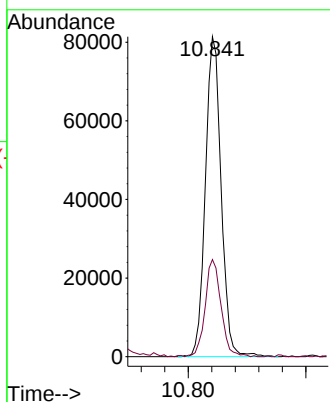
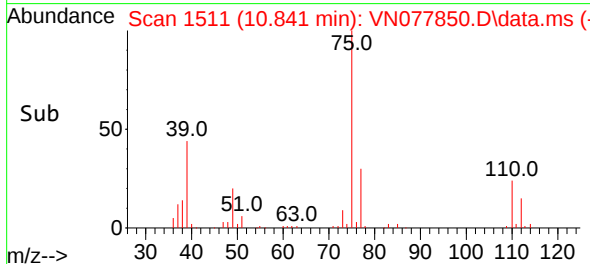
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS01



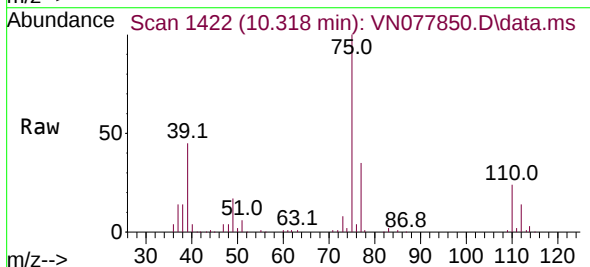
Tgt Ion: 75 Resp: 15145
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0

Manual Integrations
 APPROVED

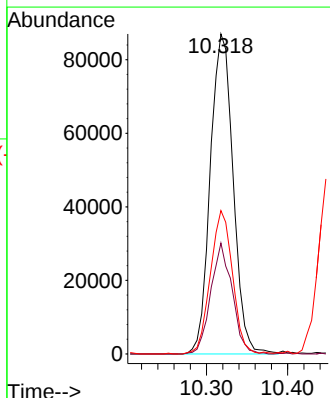
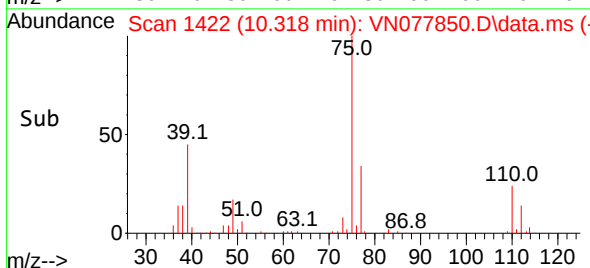
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

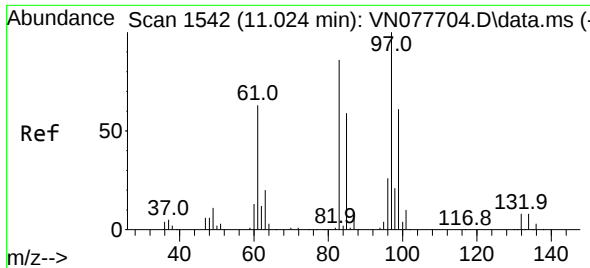


#54
 cis-1,3-Dichloropropene
 Concen: 22.001 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077850.D
 Acq: 24 May 2023 14:03



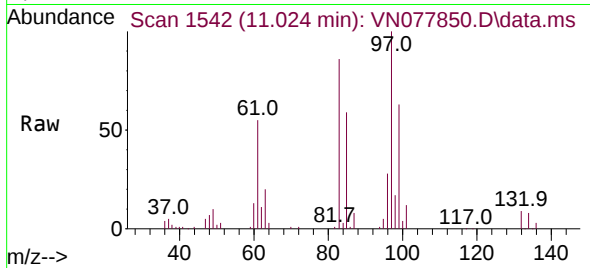
Tgt Ion: 75 Resp: 170347
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.1 39.1
 39 44.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 22.644 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

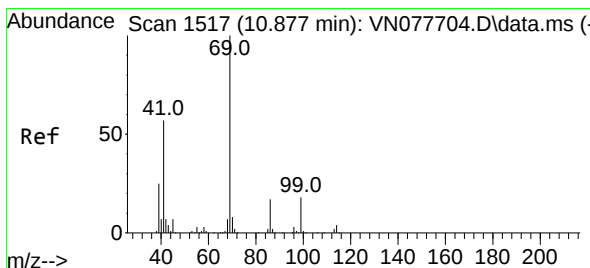
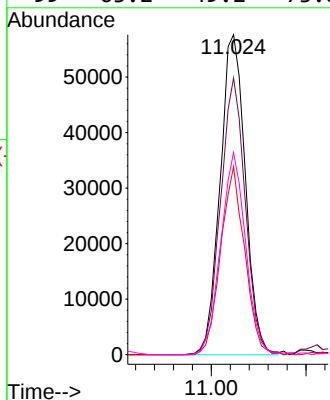
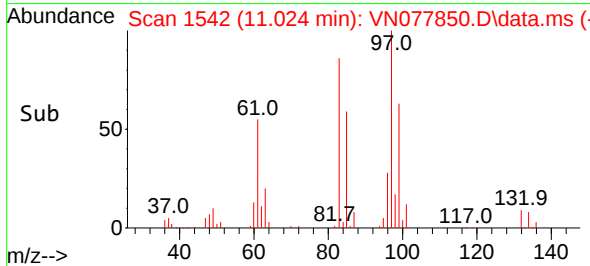
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



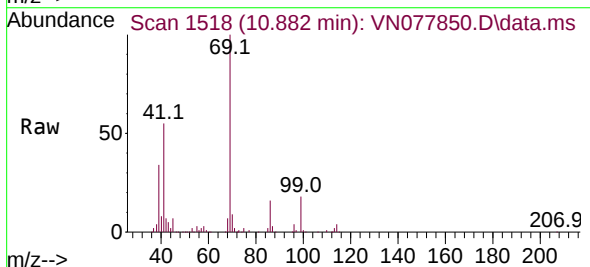
Tgt Ion:	97	Resp:	106278
Ion Ratio	100	Lower	Upper
97	100		
83	86.4	65.1	97.7
85	58.7	43.4	65.2
99	63.2	49.2	73.8

Manual Integrations
APPROVED

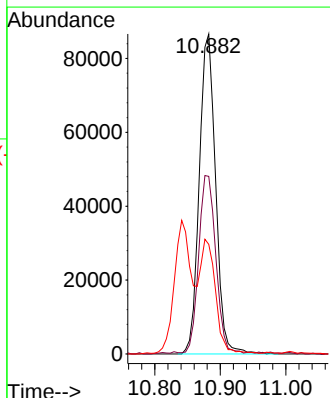
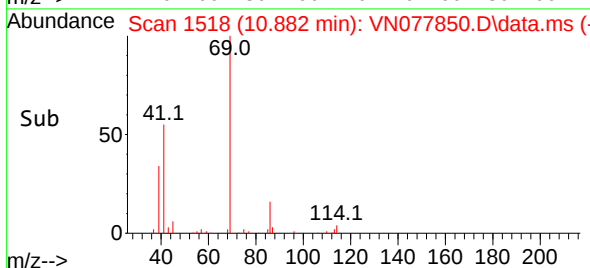
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

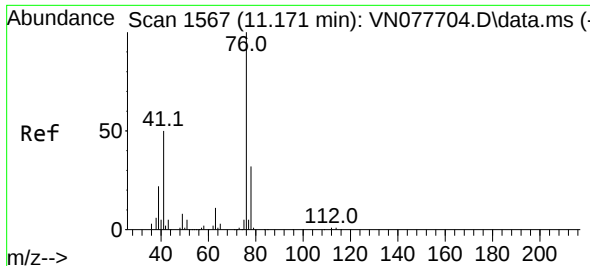


#56
Ethyl methacrylate
Concen: 21.198 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



Tgt Ion:	69	Resp:	150430
Ion Ratio	100	Lower	Upper
69	100		
41	57.5	39.6	59.4
39	32.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 22.372 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077850.D

Acq: 24 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 76 Resp: 18000

Ion Ratio Lower Upper

76 100

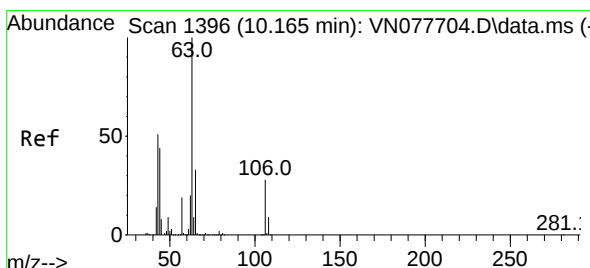
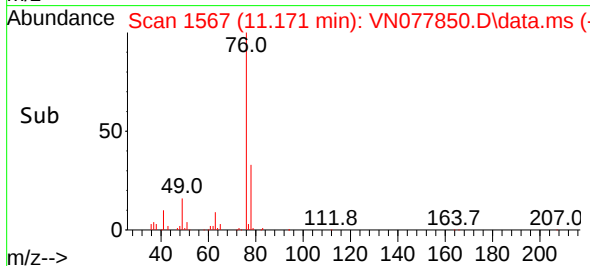
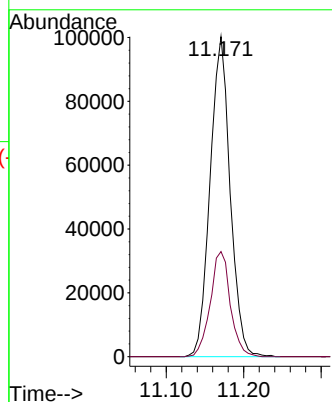
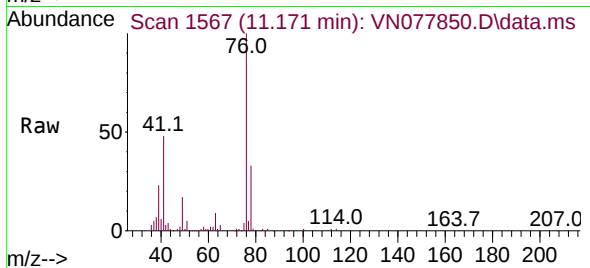
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 87.901 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077850.D

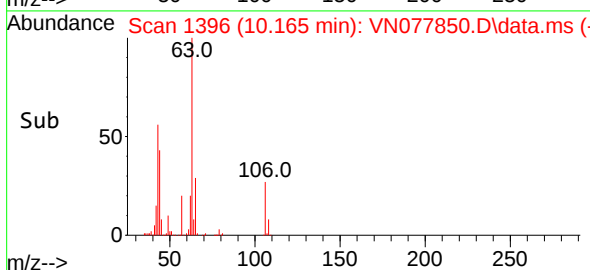
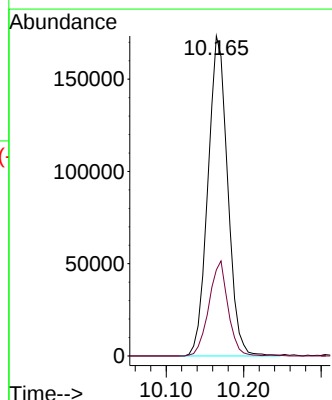
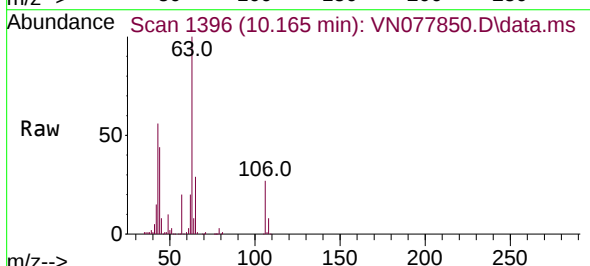
Acq: 24 May 2023 14:03

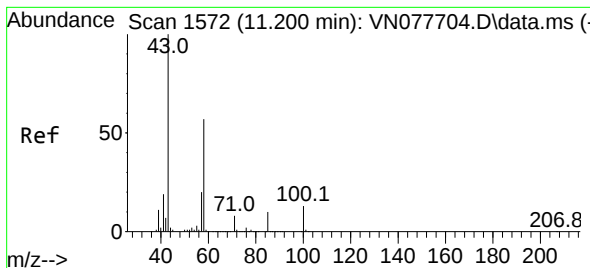
Tgt Ion: 63 Resp: 306875

Ion Ratio Lower Upper

63 100

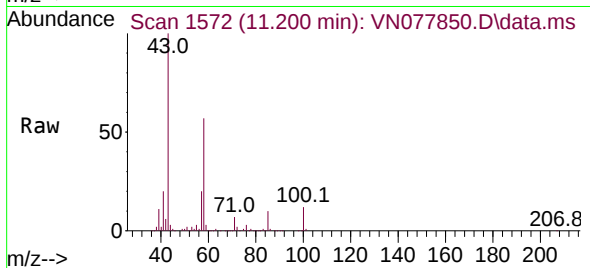
106 28.6 26.2 39.4





#59
2-Hexanone
Concen: 94.551 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

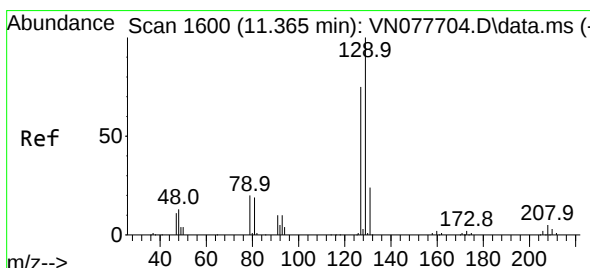
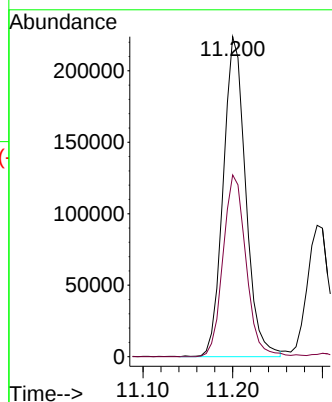
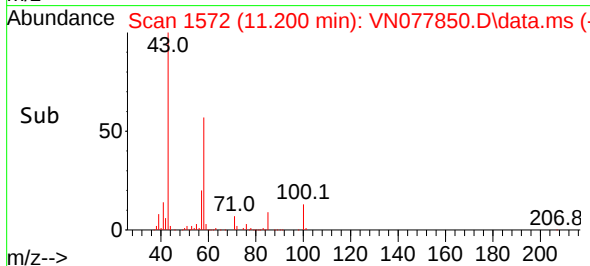
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion: 43 Resp: 389399
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1

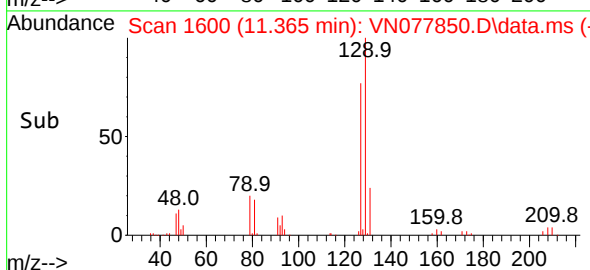
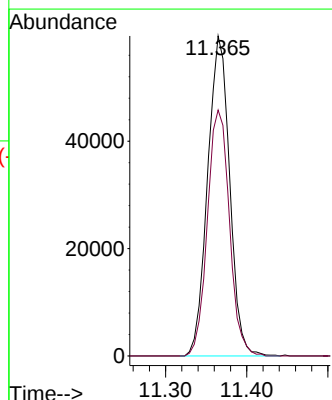
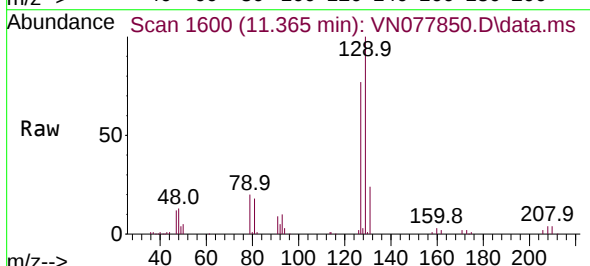
Manual Integrations
APPROVED

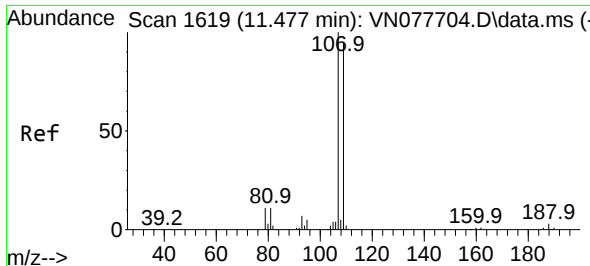
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 23.158 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

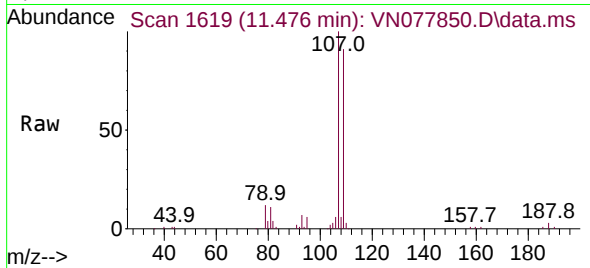
Tgt Ion:129 Resp: 112206
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.828 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

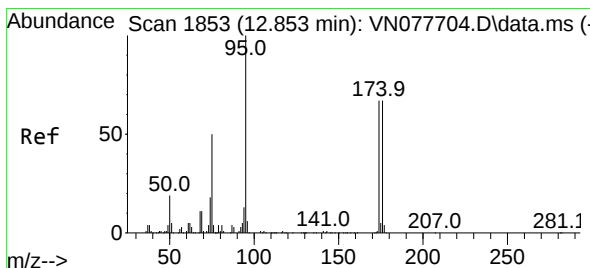
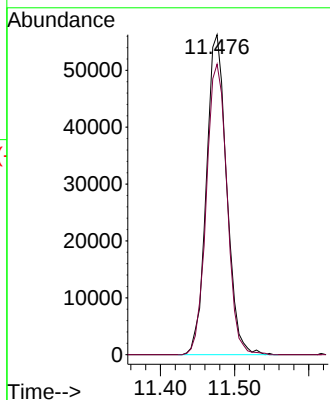
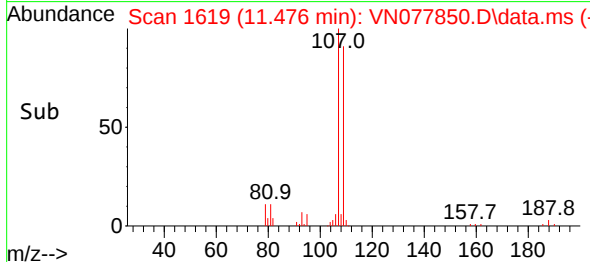
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



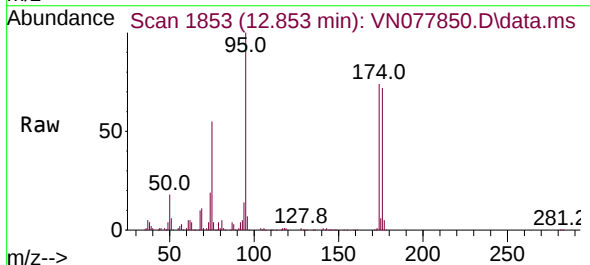
Tgt Ion:107 Resp: 106884
Ion Ratio Lower Upper
107 100
109 92.5 76.6 114.8

Manual Integrations
APPROVED

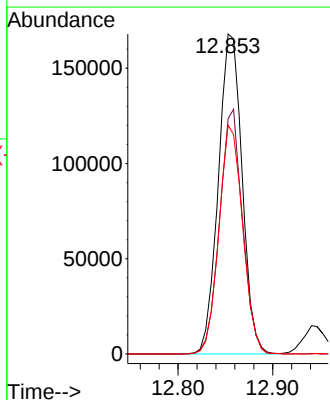
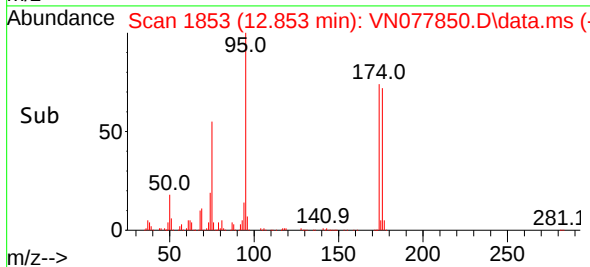
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

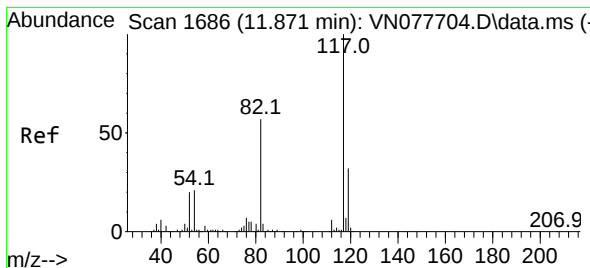


#62
4-Bromofluorobenzene
Concen: 49.022 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



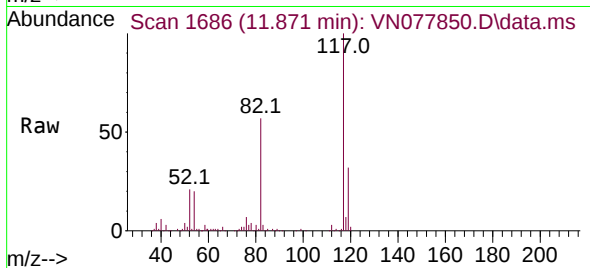
Tgt Ion: 95 Resp: 293154
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 71.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

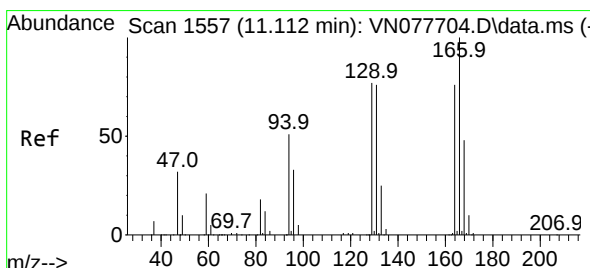
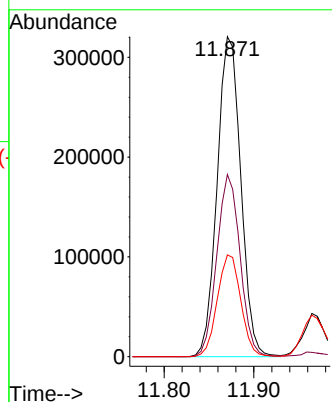
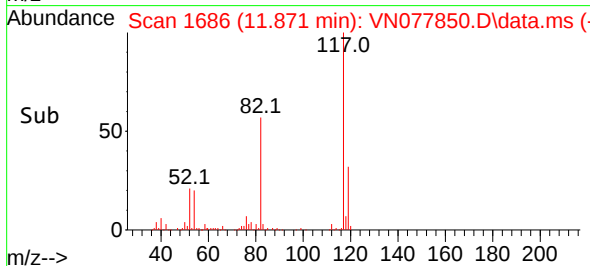
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion:117 Resp: 587454
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.8 25.6 38.4

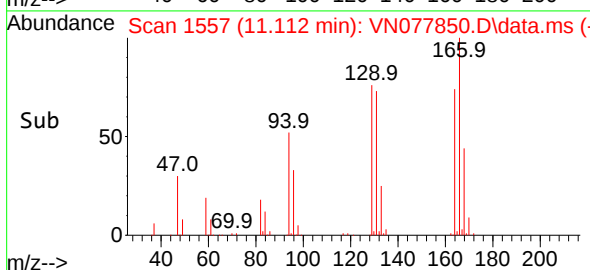
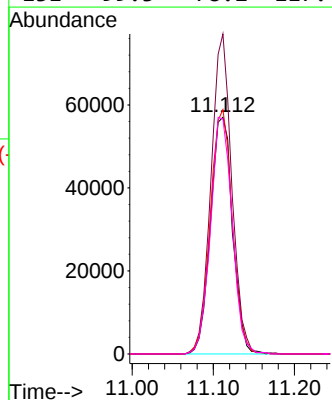
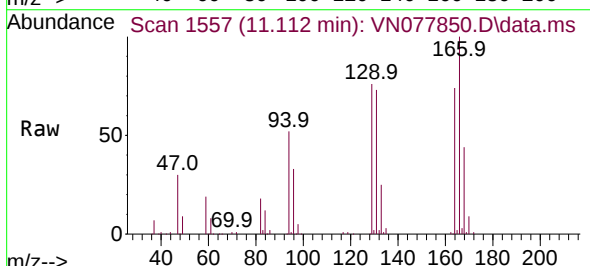
Manual Integrations
APPROVED

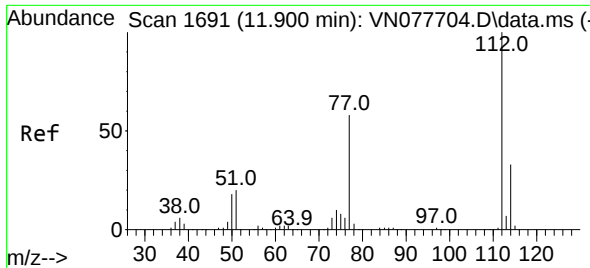
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 26.216 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

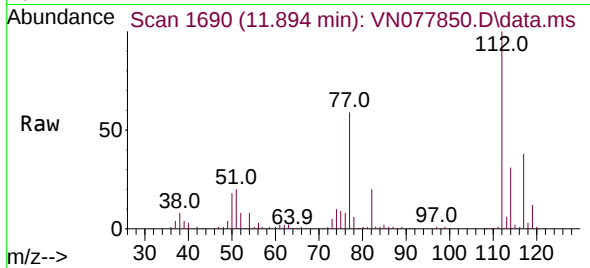
Tgt Ion:164 Resp: 107701
Ion Ratio Lower Upper
164 100
166 135.1 101.4 152.0
129 103.2 82.4 123.6
131 99.3 78.2 117.4





#65
Chlorobenzene
Concen: 22.555 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

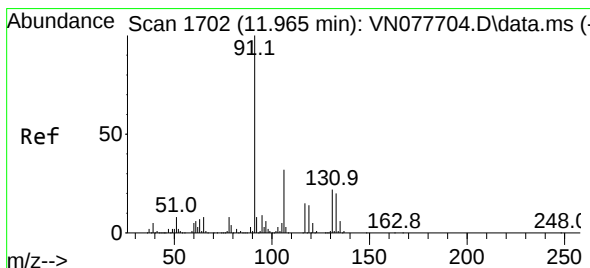
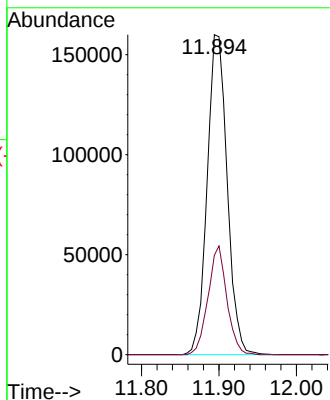
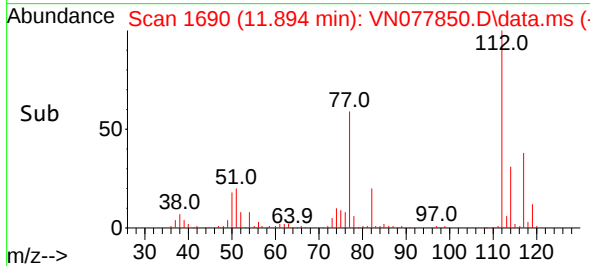
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



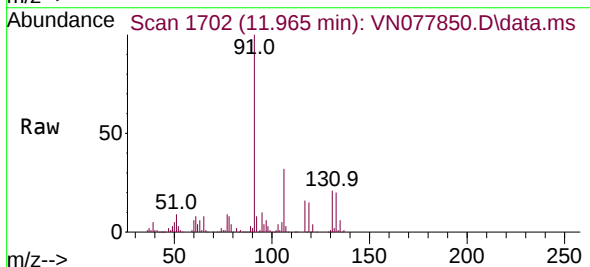
Tgt Ion:112 Resp: 287240
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

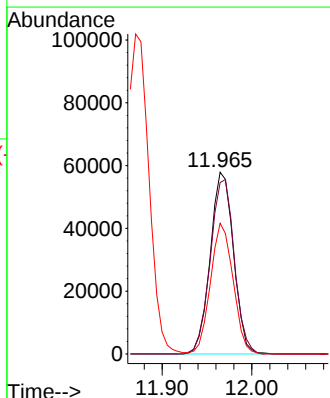
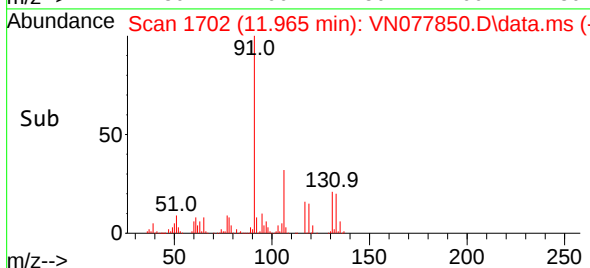
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

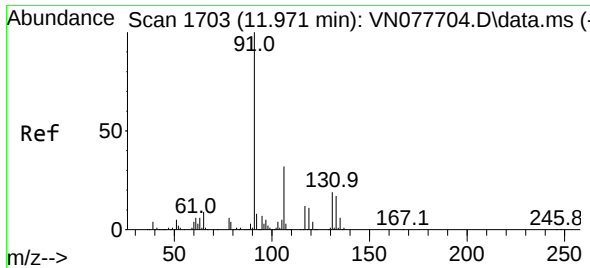


#66
1,1,1,2-Tetrachloroethane
Concen: 23.597 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



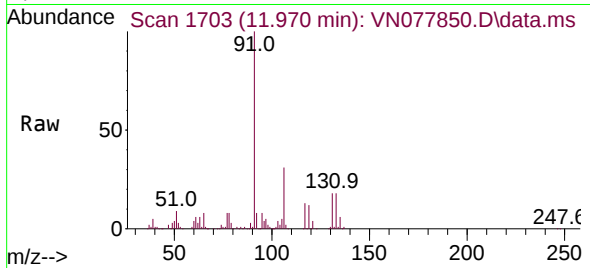
Tgt Ion:131 Resp: 103984
Ion Ratio Lower Upper
131 100
133 99.2 46.4 139.1
119 70.1 34.1 102.2





#67
Ethyl Benzene
Concen: 22.650 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

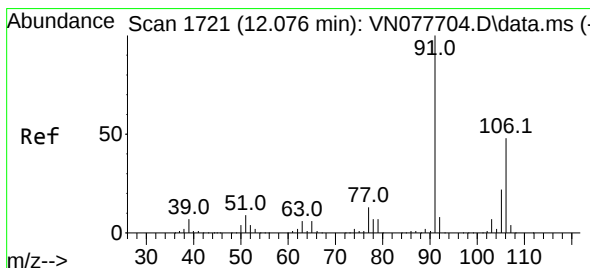
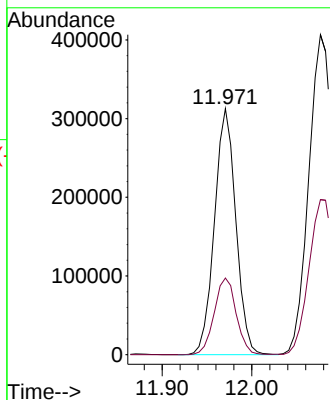
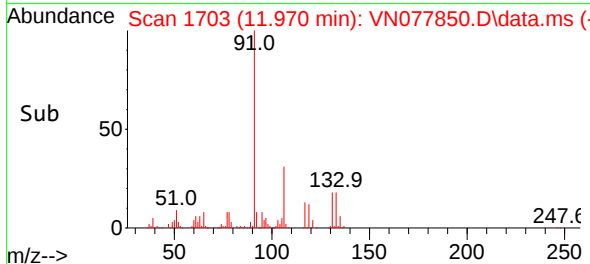
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



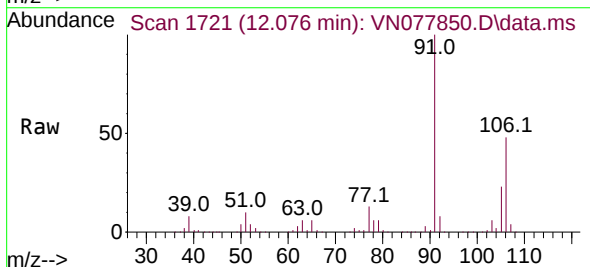
Tgt Ion: 91 Resp: 516914
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

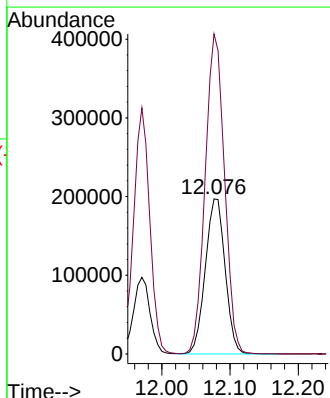
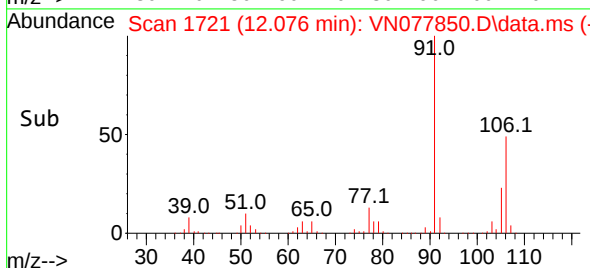
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

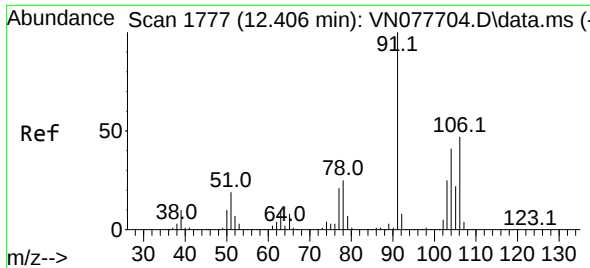


#68
m/p-Xylenes
Concen: 46.051 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



Tgt Ion:106 Resp: 398229
Ion Ratio Lower Upper
106 100
91 201.1 159.6 239.4





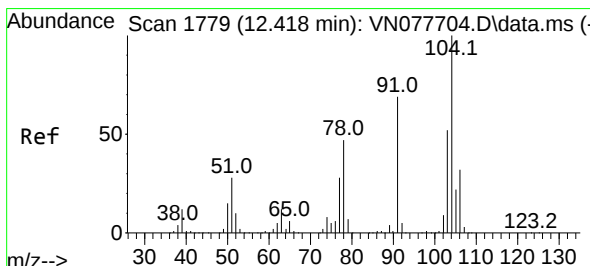
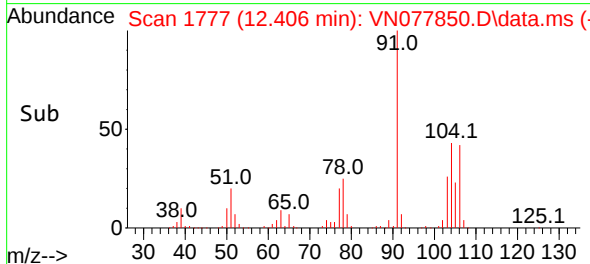
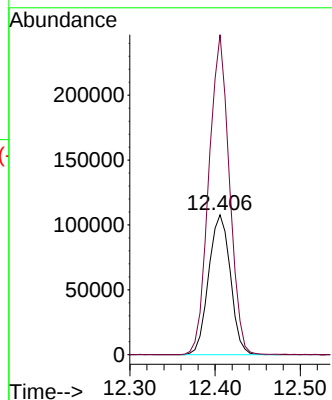
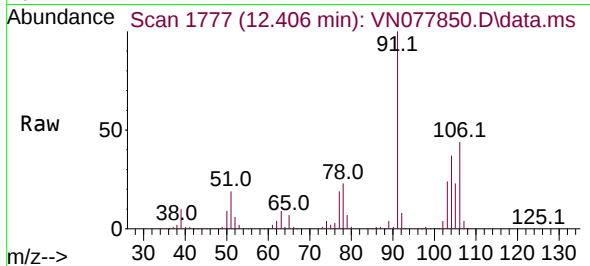
#69
o-Xylene
Concen: 22.402 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion:106 Resp: 190519
Ion Ratio Lower Upper
106 100
91 217.1 105.2 315.5

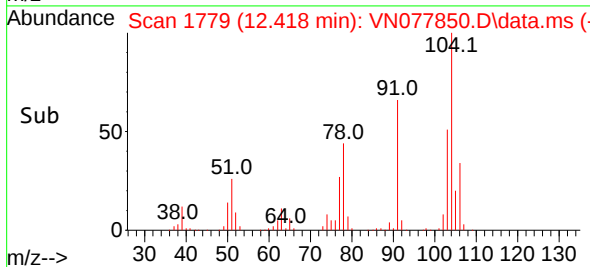
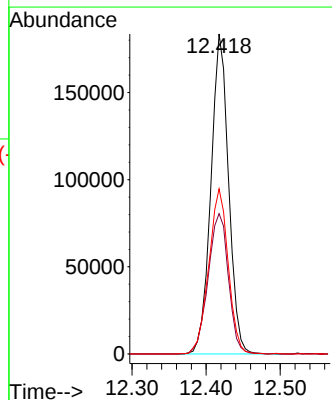
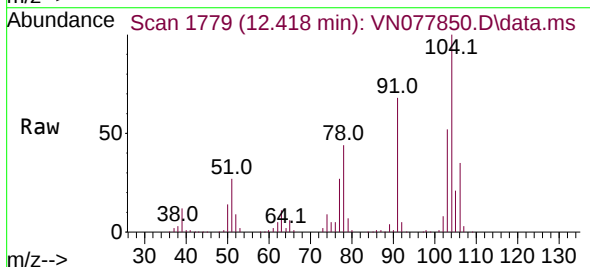
Manual Integrations
APPROVED

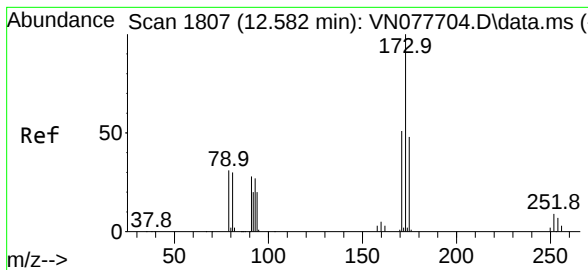
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 22.540 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

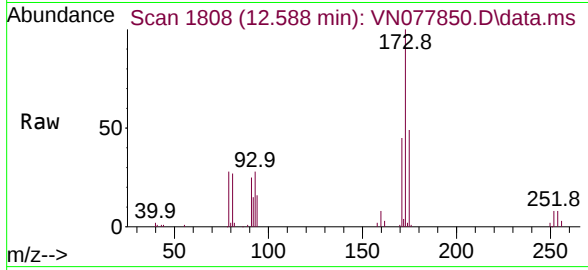
Tgt Ion:104 Resp: 304513
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 56.7 43.2 64.8





#71
Bromoform
Concen: 22.837 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

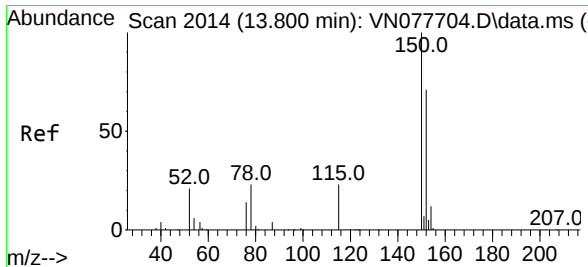
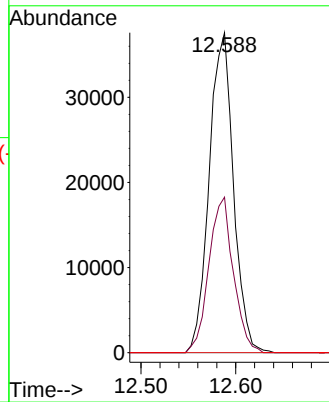
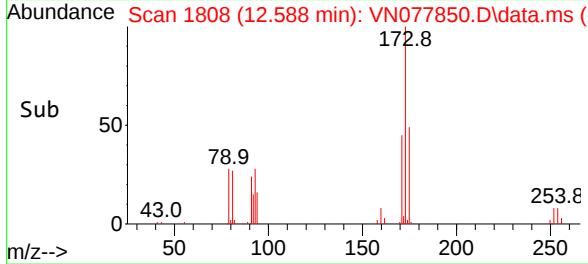
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



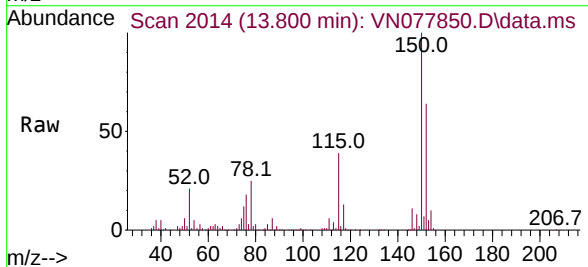
Tgt Ion:173 Resp: 6694
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

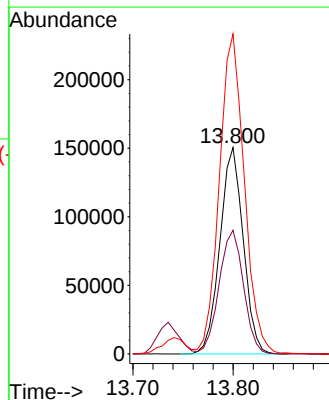
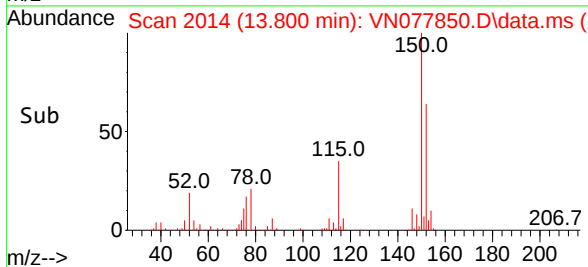
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

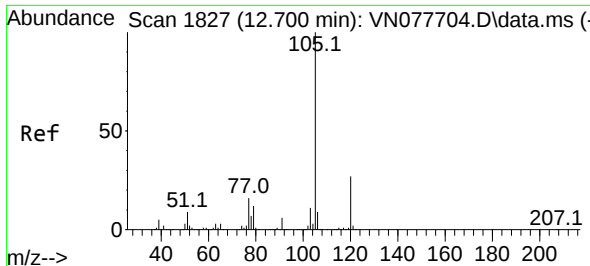


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



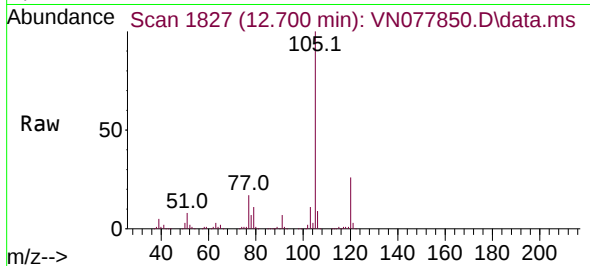
Tgt Ion:152 Resp: 243087
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 166.1 0.0 355.8





#73
Isopropylbenzene
Concen: 24.126 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

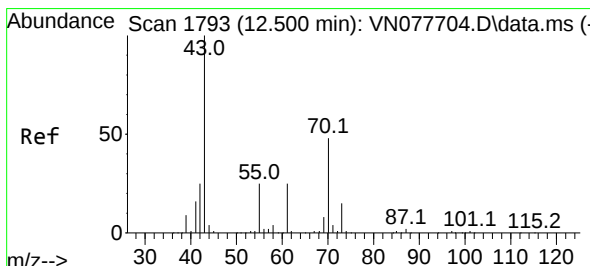
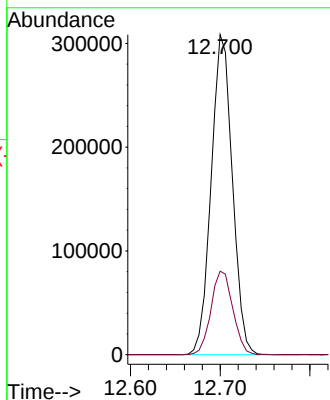
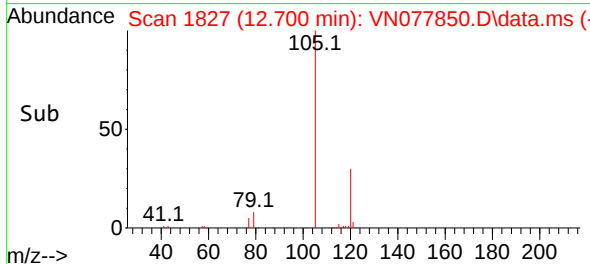
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



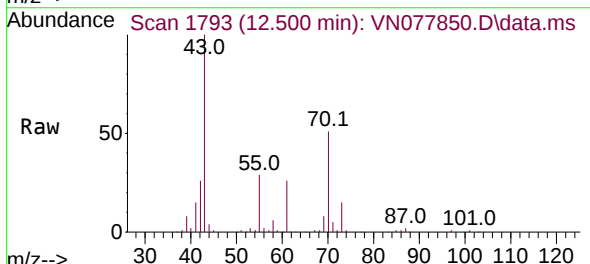
Tgt Ion:105 Resp: 505540
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

Manual Integrations
APPROVED

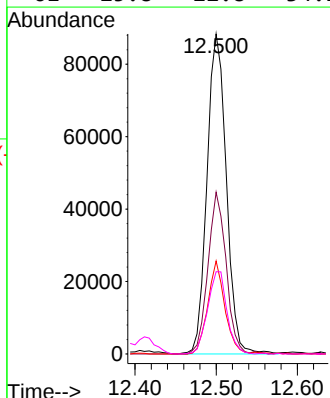
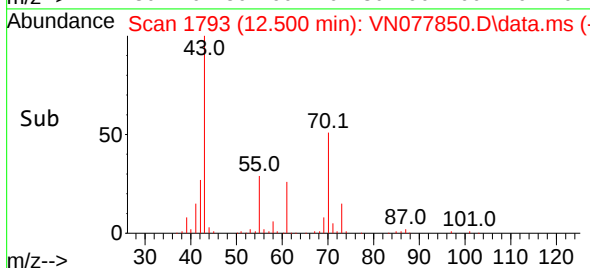
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

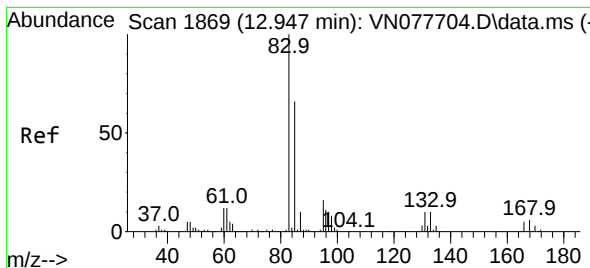


#74
N-ethyl acetate
Concen: 18.872 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



Tgt Ion: 43 Resp: 146166
Ion Ratio Lower Upper
43 100
70 47.8 43.4 65.2
55 25.6 21.4 32.0
61 25.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.988 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. -0.000 min

Lab File: VN077850.D

Acq: 24 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 83 Resp: 14174

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

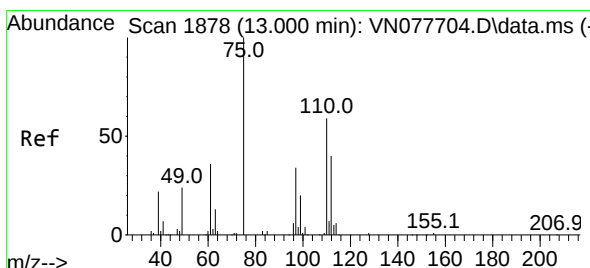
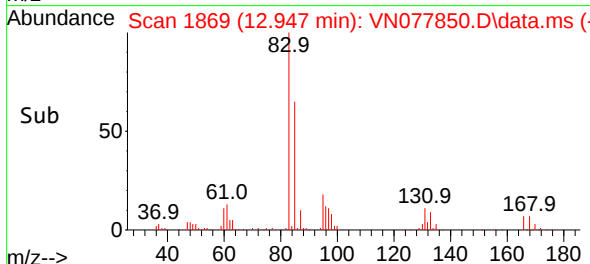
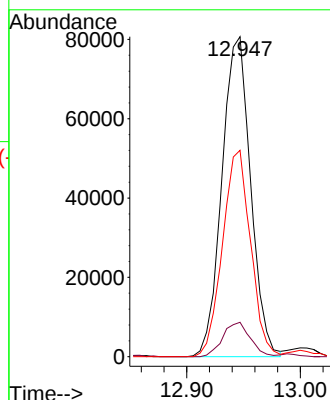
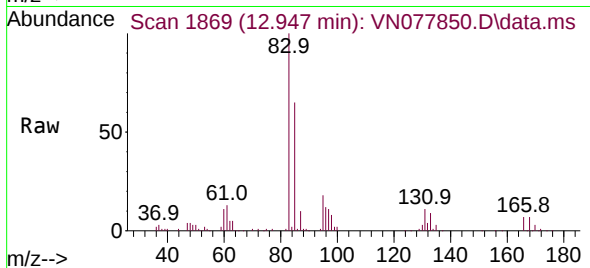
85 63.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#76

1,2,3-Trichloropropane

Concen: 22.205 ug/l m

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077850.D

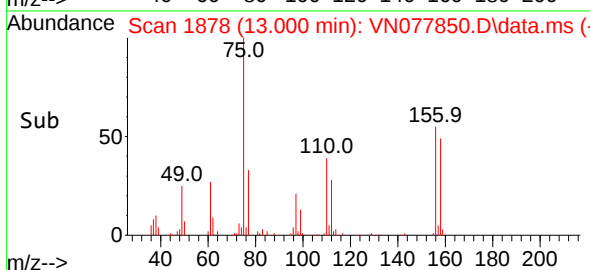
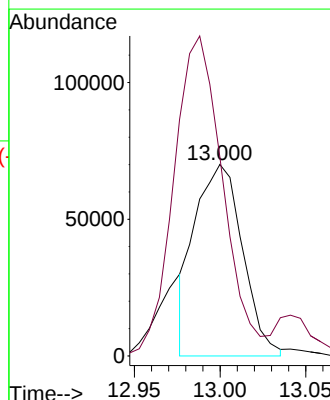
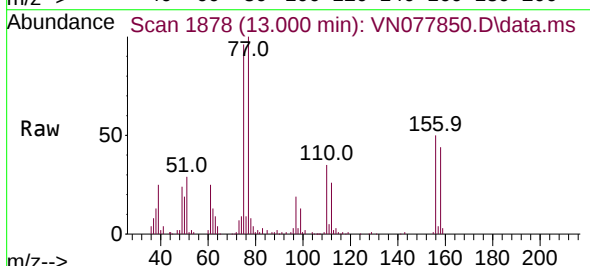
Acq: 24 May 2023 14:03

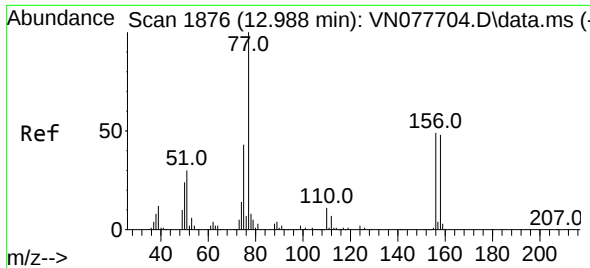
Tgt Ion: 75 Resp: 135180

Ion Ratio Lower Upper

75 100

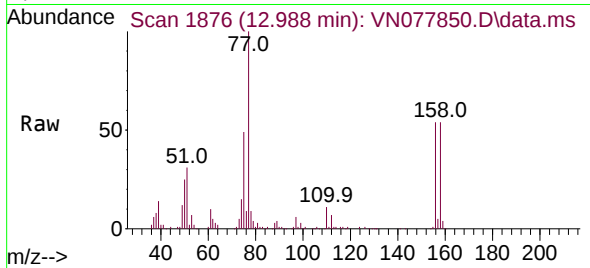
77 171.1 84.5 253.5





#77
Bromobenzene
Concen: 23.307 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

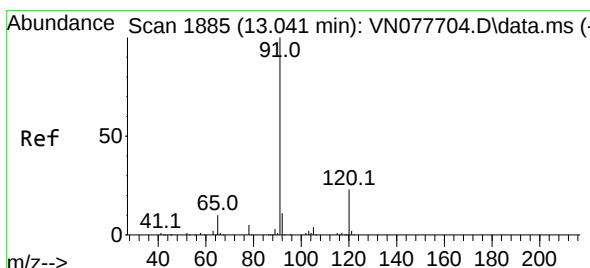
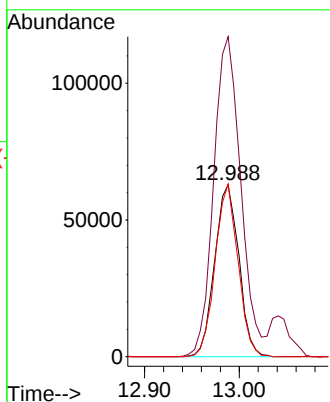
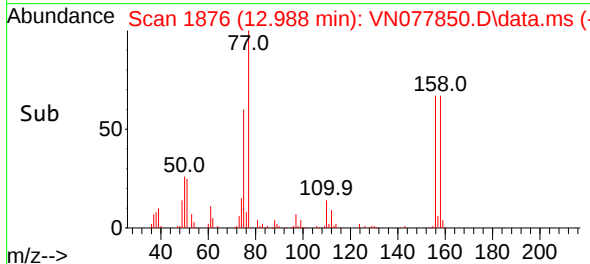
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



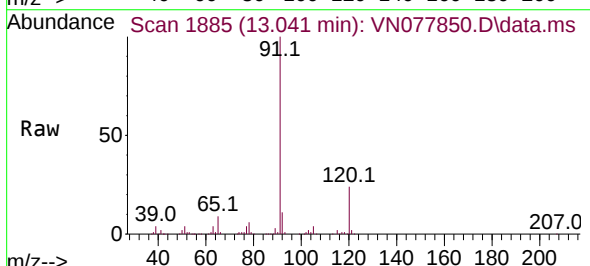
Tgt Ion:156 Resp: 111450
Ion Ratio Lower Upper
156 100
77 207.5 107.7 323.3
158 94.9 48.4 145.3

Manual Integrations
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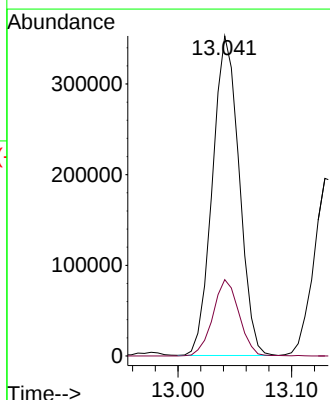
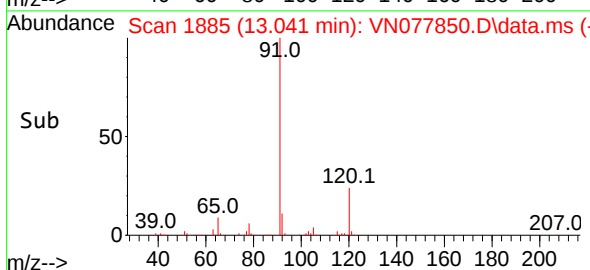
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

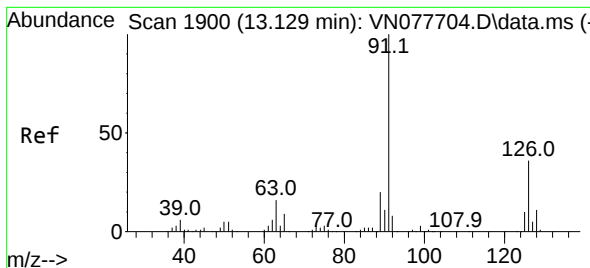


#78
n-propylbenzene
Concen: 23.278 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



Tgt Ion: 91 Resp: 575039
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





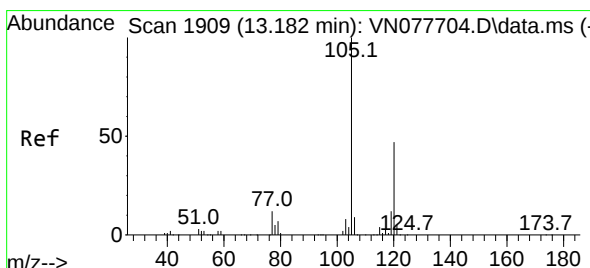
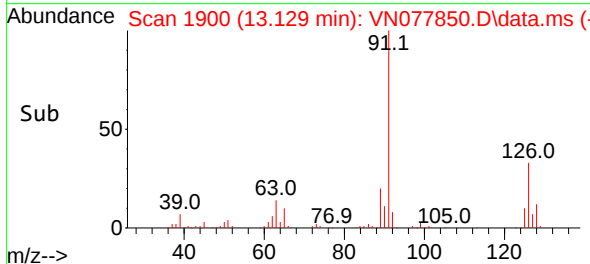
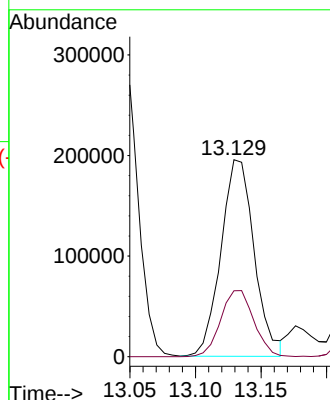
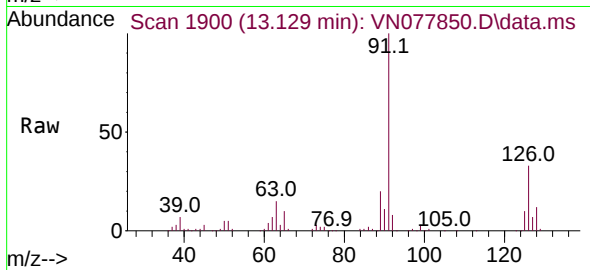
#79
2-Chlorotoluene
Concen: 23.454 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 91 Resp: 34573
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

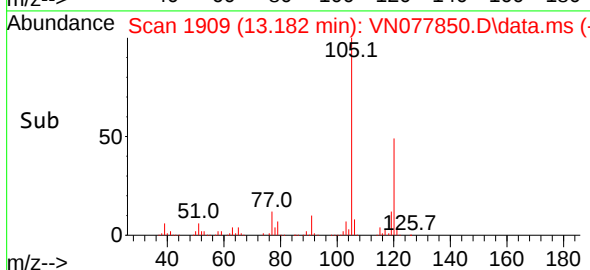
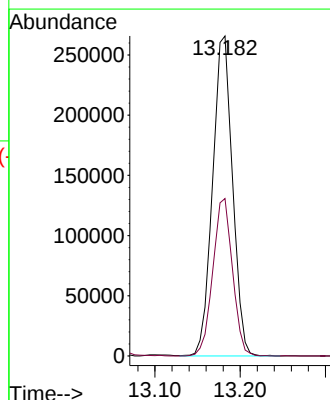
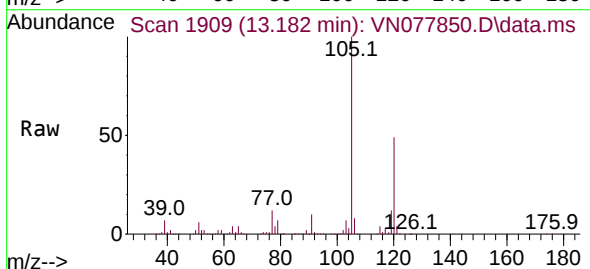
Manual Integrations
APPROVED

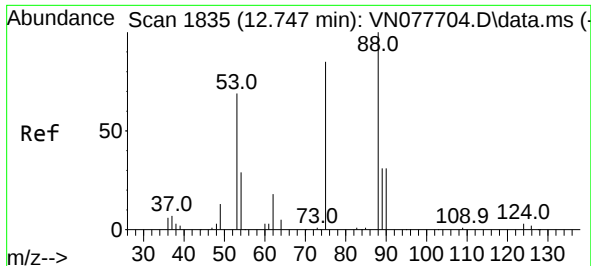
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 24.516 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

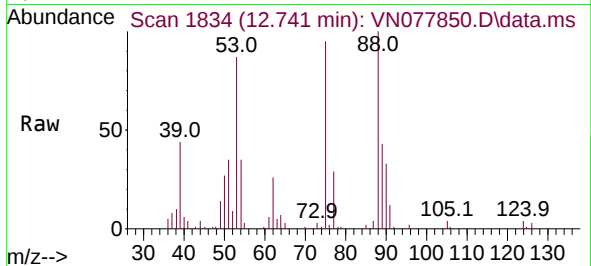
Tgt Ion:105 Resp: 431763
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.537 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

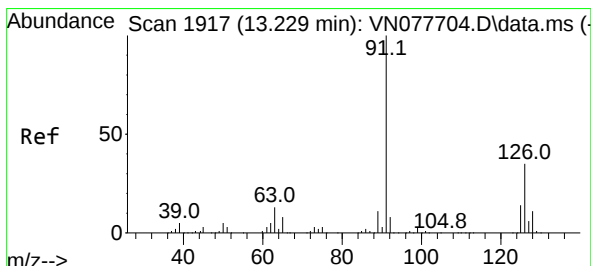
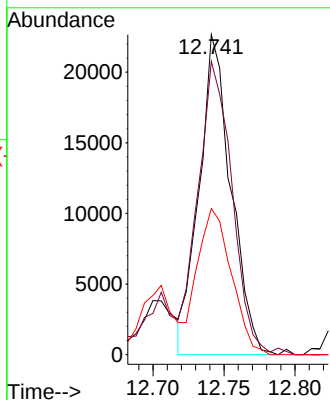
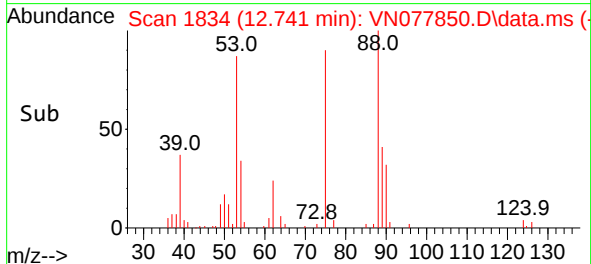
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



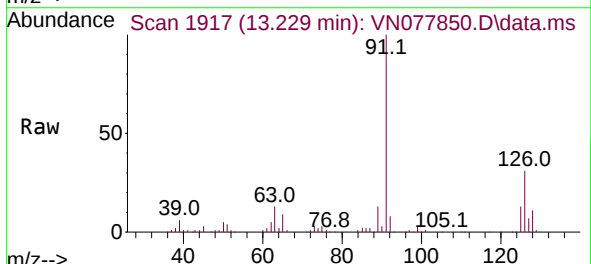
Tgt Ion: 75 Resp: 35304
Ion Ratio Lower Upper
75 100
53 98.4 67.4 101.2
89 47.7 38.8 58.2

Manual Integrations
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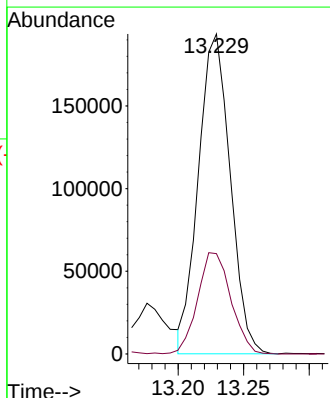
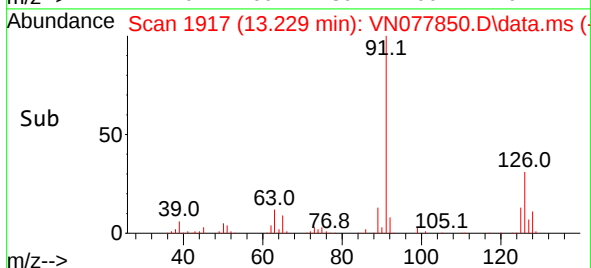
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

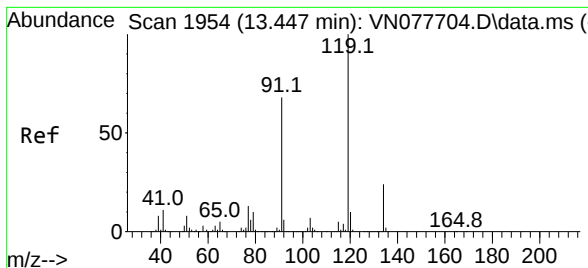


#82
4-Chlorotoluene
Concen: 22.224 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



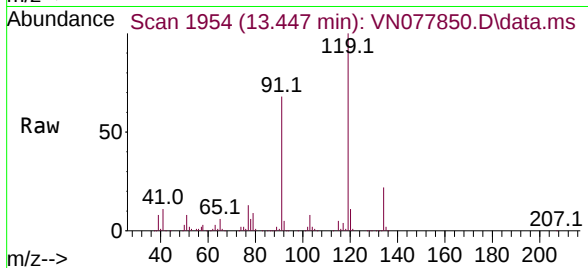
Tgt Ion: 91 Resp: 325959
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 24.058 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

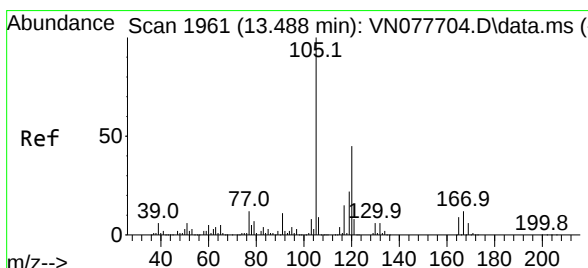
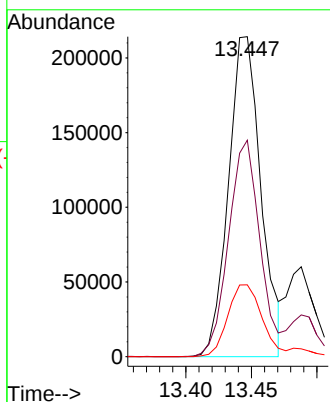
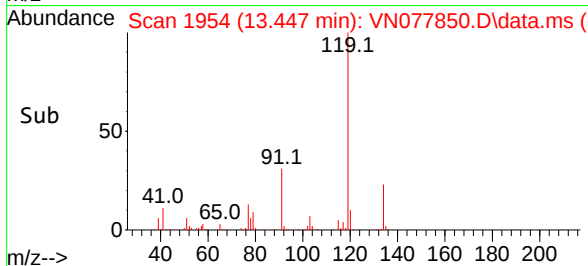
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



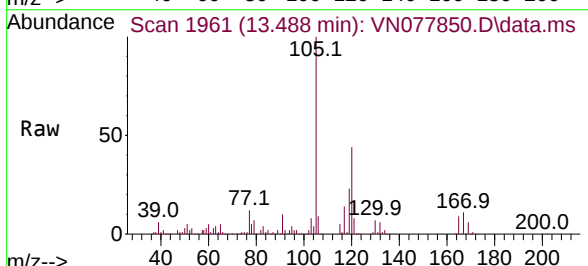
Tgt Ion:119 Resp: 369880
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.7
134 23.6 13.2 39.6

Manual Integrations
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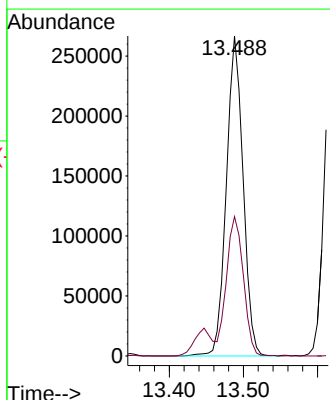
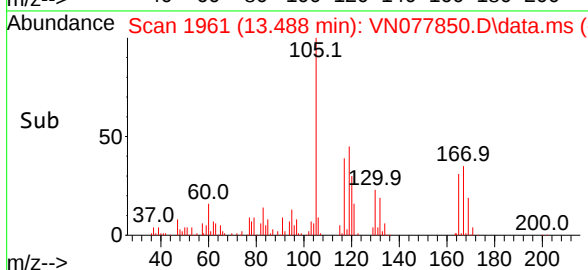
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

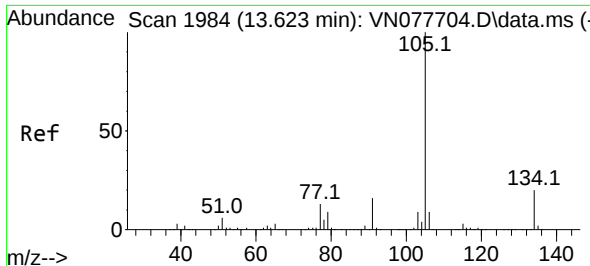


#84
1,2,4-Trimethylbenzene
Concen: 24.138 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



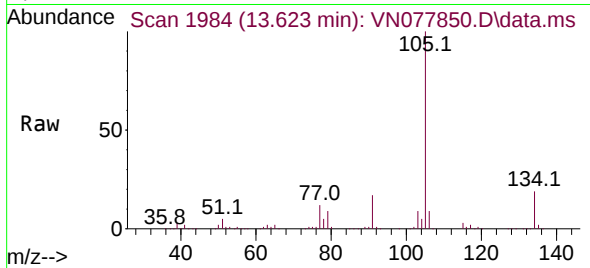
Tgt Ion:105 Resp: 418086
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 23.446 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077850.D
 Acq: 24 May 2023 14:03

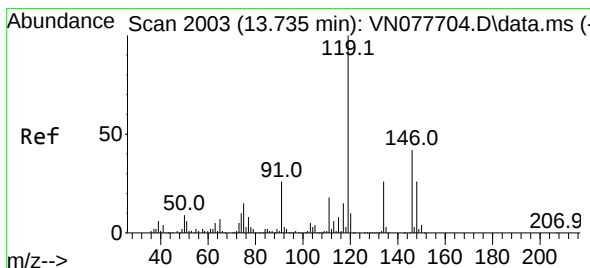
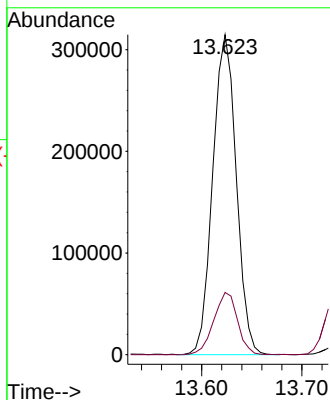
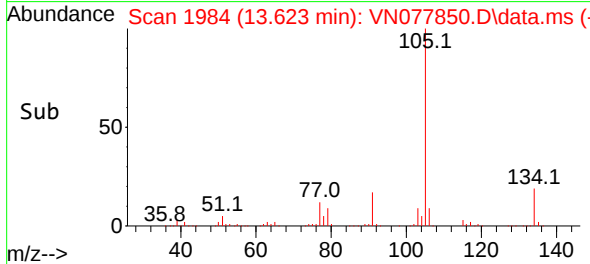
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS01



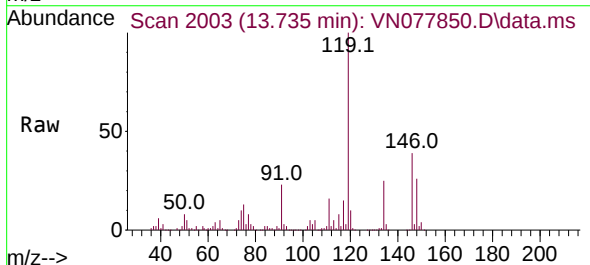
Tgt Ion:105 Resp: 512292
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
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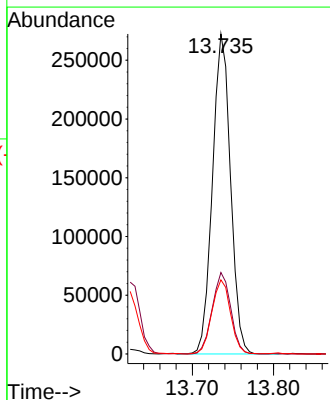
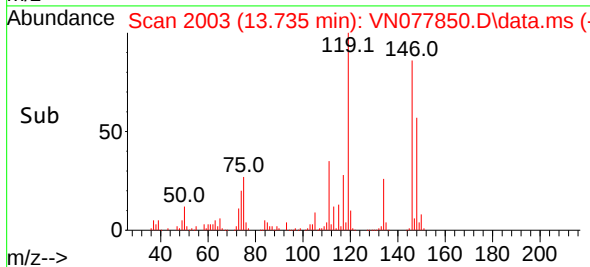
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

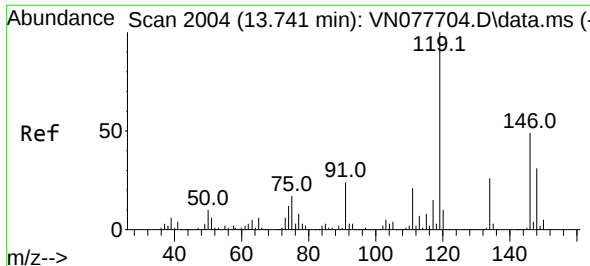


#86
 p-Isopropyltoluene
 Concen: 24.160 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077850.D
 Acq: 24 May 2023 14:03



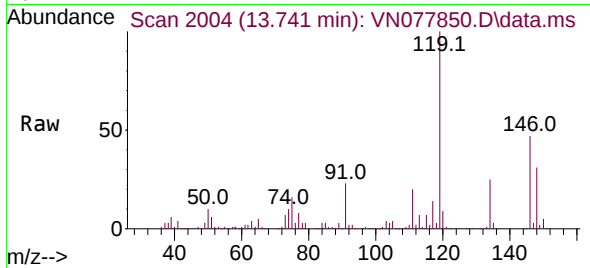
Tgt Ion:119 Resp: 420848
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 22.205 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

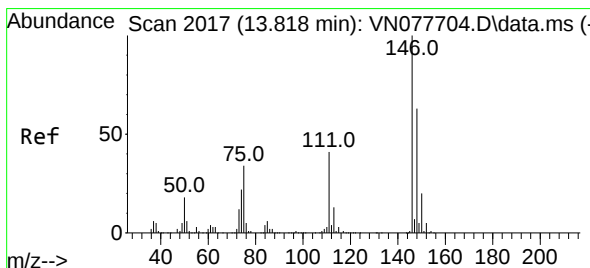
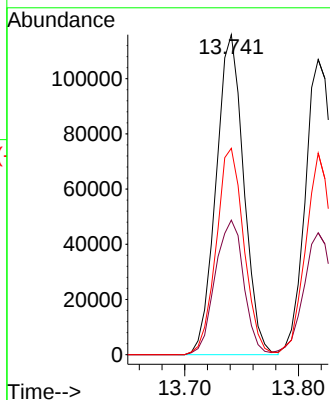
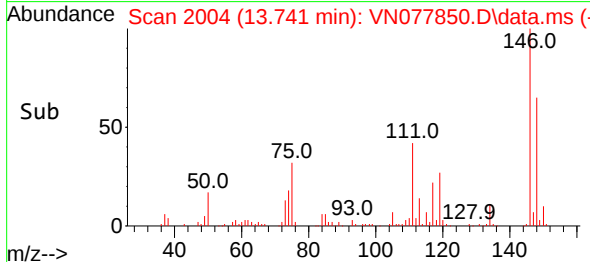
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



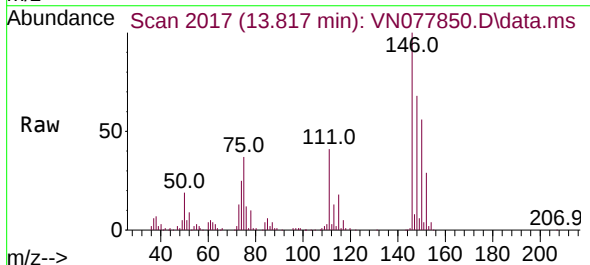
Tgt Ion:146 Resp: 196368
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.3
148 64.6 32.0 96.0

Manual Integrations
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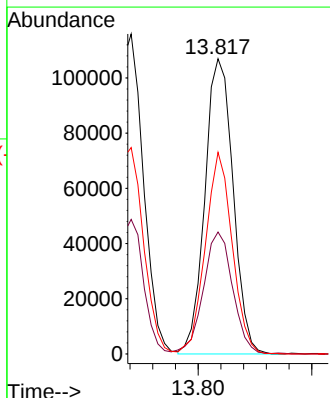
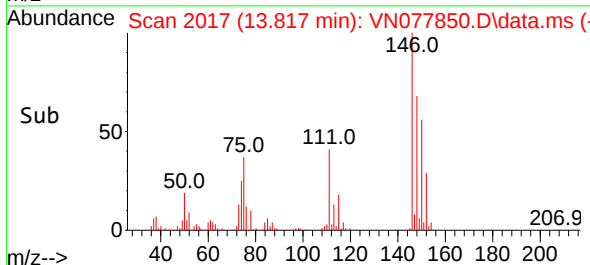
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

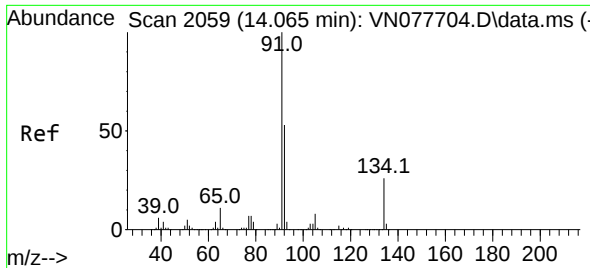


#88
1,4-Dichlorobenzene
Concen: 21.032 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



Tgt Ion:146 Resp: 184568
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.8
148 65.0 31.6 94.8





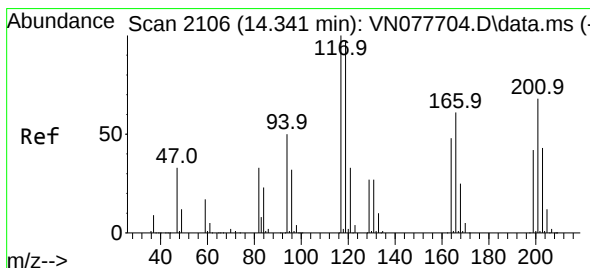
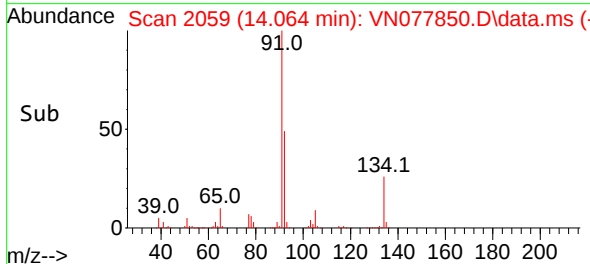
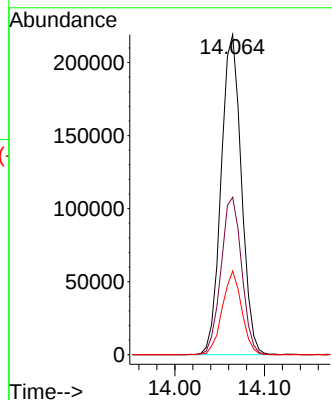
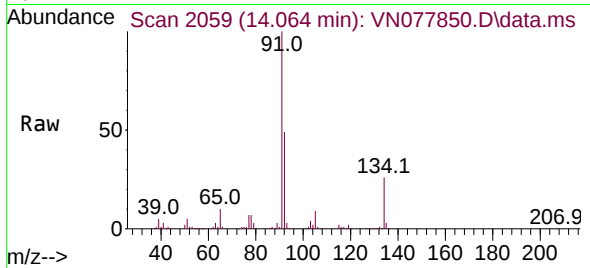
#89
n-Butylbenzene
Concen: 21.400 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 91 Resp: 342864
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 25.2 12.6 37.6

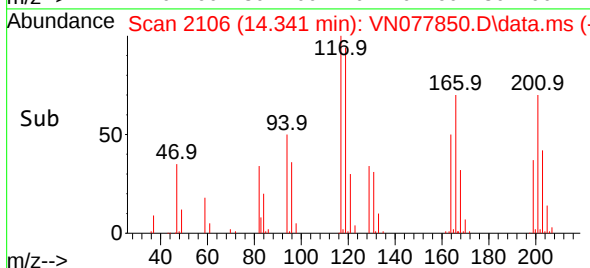
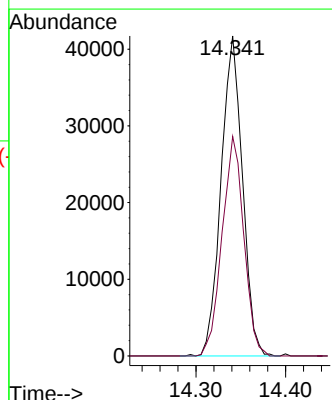
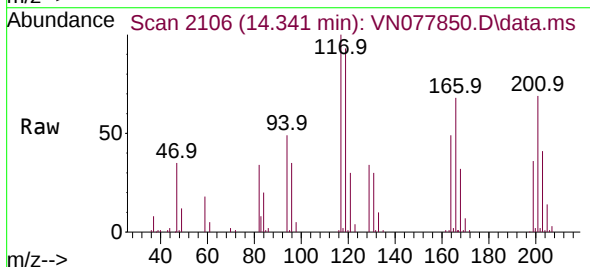
Manual Integrations
APPROVED

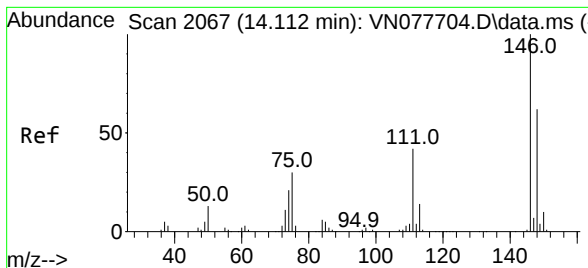
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#90
Hexachloroethane
Concen: 24.147 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

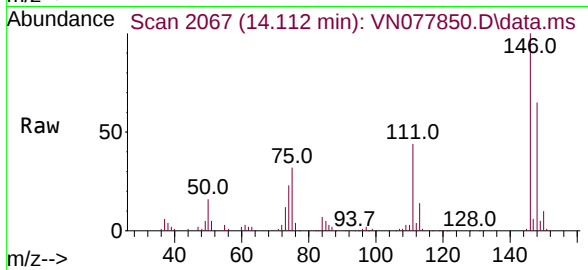
Tgt Ion:117 Resp: 69099
Ion Ratio Lower Upper
117 100
201 69.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 23.191 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

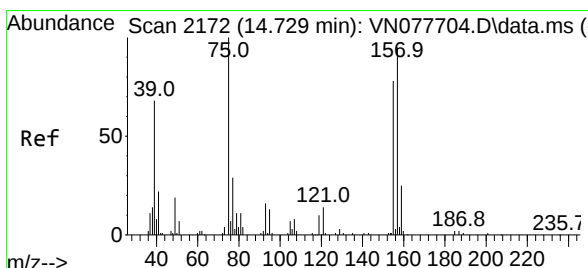
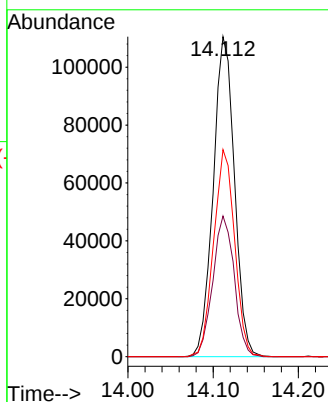
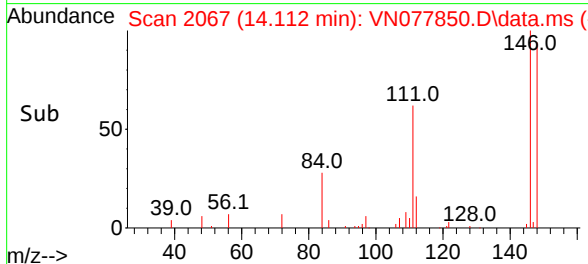
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



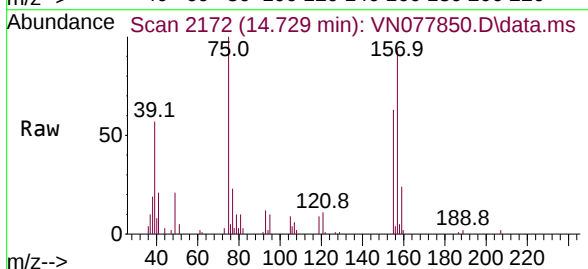
Tgt Ion:146 Resp: 191589
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 64.0 31.8 95.3

Manual Integrations
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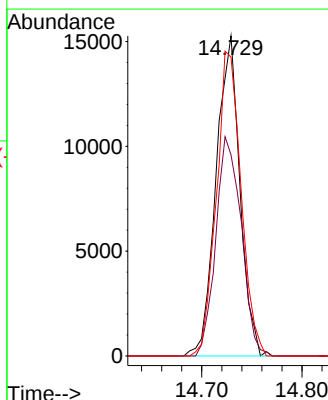
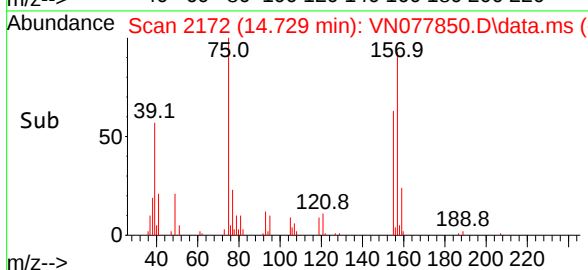
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

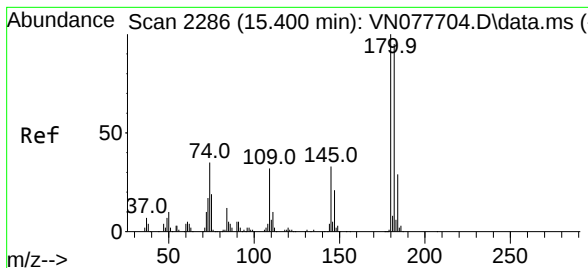


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.081 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



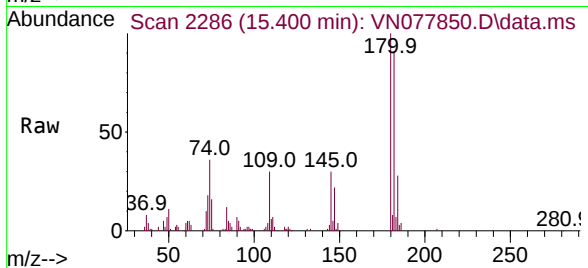
Tgt Ion: 75 Resp: 25062
Ion Ratio Lower Upper
75 100
155 73.6 39.1 117.2
157 99.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.489 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

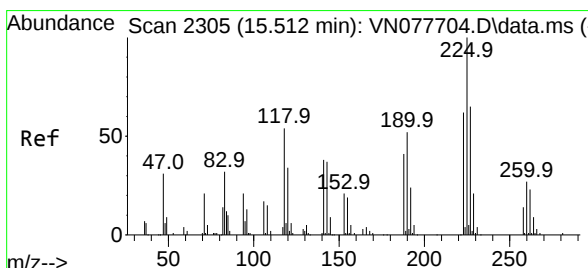
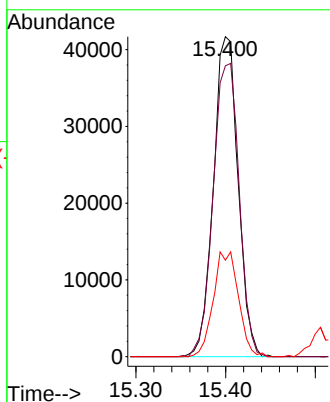
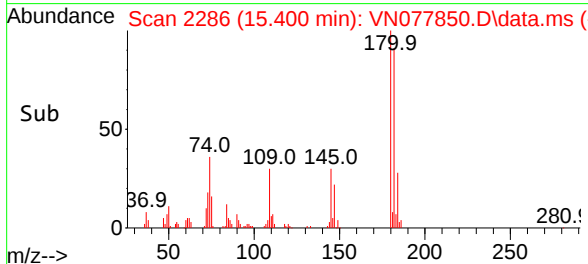
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



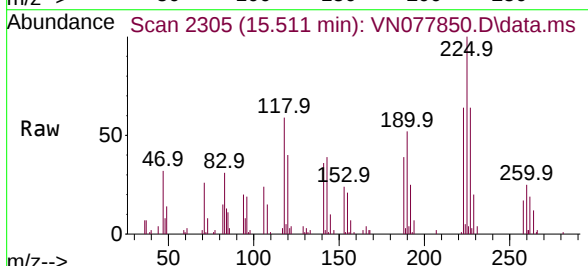
Tgt Ion:180 Resp: 7960
Ion Ratio Lower Upper
180 100
182 96.7 46.1 138.2
145 33.5 16.6 49.8

Manual Integrations
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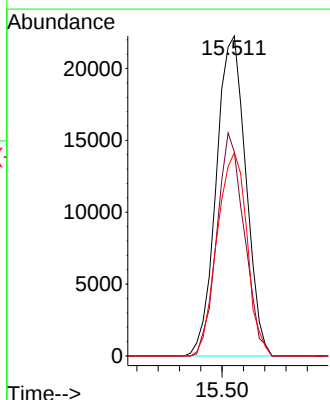
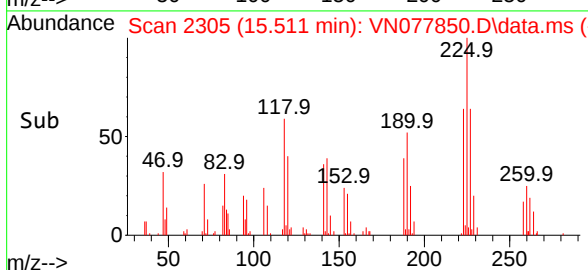
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

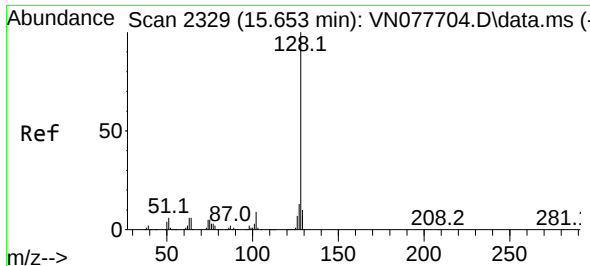


#94
Hexachlorobutadiene
Concen: 21.386 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03



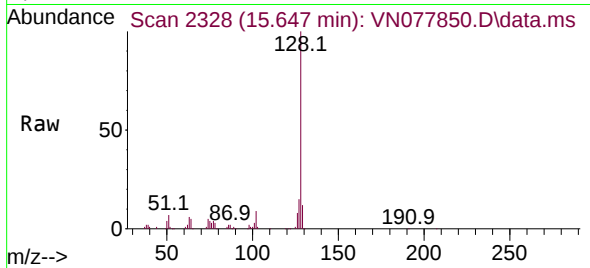
Tgt Ion:225 Resp: 42869
Ion Ratio Lower Upper
225 100
223 64.5 31.3 93.8
227 64.1 31.9 95.9





#95
Naphthalene
Concen: 13.813 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

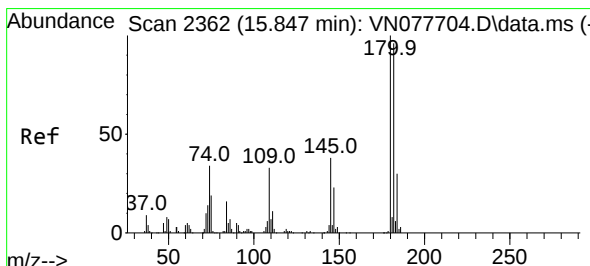
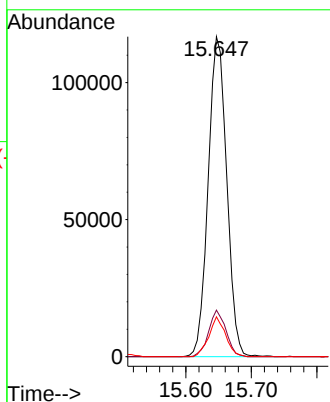
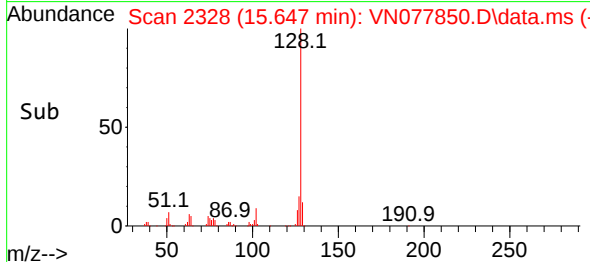
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion:128 Resp: 229529
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.308 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077850.D
Acq: 24 May 2023 14:03

Tgt Ion:180 Resp: 81814
Ion Ratio Lower Upper
180 100
182 95.7 46.2 138.6
145 35.1 17.5 52.6

