

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077832.D
 Acq On : 24 May 2023 01:49
 Operator : JC\MD
 Sample : VN0523WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD02

Manual Integrations
 APPROVED

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

Quant Time: May 24 05:58:19 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	384478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	714744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	614098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	243829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	284563	49.465	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.940%		
35) Dibromofluoromethane	8.171	113	247815	53.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.340%		
50) Toluene-d8	10.576	98	892872	49.771	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.853	95	292088	46.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	63720	14.563	ug/l	92
3) Chloromethane	2.371	50	69329	13.641	ug/l	94
4) Vinyl Chloride	2.518	62	87176	15.802	ug/l	99
5) Bromomethane	2.965	94	68936	16.896	ug/l	97
6) Chloroethane	3.130	64	62395	15.694	ug/l	98
7) Trichlorofluoromethane	3.506	101	124306	16.168	ug/l	100
8) Diethyl Ether	3.971	74	44548	15.872	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.383	101	70571	16.587	ug/l	98
10) Methyl Iodide	4.600	142	87398	17.224	ug/l	99
11) Tert butyl alcohol	5.530	59	68637	86.451	ug/l	100
12) 1,1-Dichloroethene	4.347	96	65852	16.284	ug/l	91
13) Acrolein	4.183	56	61525	108.276	ug/l	99
14) Allyl chloride	5.030	41	94948	15.983	ug/l	95
15) Acrylonitrile	5.730	53	174186	82.121	ug/l	98
16) Acetone	4.442	43	140458	77.605	ug/l	92
17) Carbon Disulfide	4.718	76	138631	12.723	ug/l	98
18) Methyl Acetate	5.036	43	125410	16.517	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	245940	16.802	ug/l	96
20) Methylene Chloride	5.283	84	84117	16.534	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	71508	15.742	ug/l	86
22) Diisopropyl ether	6.683	45	233411	16.763	ug/l	96
23) Vinyl Acetate	6.612	43	677646	78.547	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	142990	16.762	ug/l	97
25) 2-Butanone	7.494	43	223791	79.044	ug/l	88
26) 2,2-Dichloropropane	7.494	77	99105	13.674	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	92970	17.069	ug/l	96
28) Bromochloromethane	7.818	49	62151	16.846	ug/l	95
29) Tetrahydrofuran	7.847	42	142713	76.981	ug/l	84
30) Chloroform	7.971	83	156135	16.638	ug/l	91
31) Cyclohexane	8.259	56	114891	14.694	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	133180	16.693	ug/l	97
36) 1,1-Dichloropropene	8.377	75	103813	15.228	ug/l	97
37) Ethyl Acetate	7.565	43	90491	14.893	ug/l	95
38) Carbon Tetrachloride	8.371	117	113939	16.552	ug/l	98
39) Methylcyclohexane	9.606	83	120013	14.380	ug/l	90
40) Benzene	8.612	78	321350	15.974	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	48467	14.978	ug/l	91
42) 1,2-Dichloroethane	8.677	62	115651	15.826	ug/l	98
43) Isopropyl Acetate	8.694	43	170892	17.219	ug/l #	91
44) Trichloroethene	9.353	130	84000	16.491	ug/l	98
45) 1,2-Dichloropropane	9.629	63	84993	16.564	ug/l	97
46) Dibromomethane	9.718	93	61099	16.640	ug/l	94
47) Bromodichloromethane	9.894	83	124462	17.705	ug/l	98
48) Methyl methacrylate	9.682	41	73864	15.697	ug/l	88
49) 1,4-Dioxane	9.706	88	30712	345.566	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	478837	81.167	ug/l	94
52) Toluene	10.641	92	204777	16.351	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	115542	15.521	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	126673	15.441	ug/l #	89
55) 1,1,2-Trichloroethane	11.023	97	87667	17.630	ug/l	95
56) Ethyl methacrylate	10.882	69	119529	15.897	ug/l	90
57) 1,3-Dichloropropane	11.171	76	144906	16.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	254969	68.931	ug/l	92
59) 2-Hexanone	11.200	43	327056	74.952	ug/l	93
60) Dibromochloromethane	11.365	129	92608	18.040	ug/l	98
61) 1,2-Dibromoethane	11.476	107	88350	17.809	ug/l	94
64) Tetrachloroethene	11.112	164	77366	18.015	ug/l	97
65) Chlorobenzene	11.900	112	225822	16.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	86537	18.786	ug/l	96
67) Ethyl Benzene	11.970	91	387932	16.260	ug/l	100
68) m/p-Xylenes	12.076	106	293923	32.514	ug/l	98
69) o-Xylene	12.406	106	149683	16.837	ug/l	97
70) Styrene	12.417	104	234679	16.617	ug/l	100
71) Bromoform	12.588	173	55088	17.977	ug/l #	99
73) Isopropylbenzene	12.706	105	386549	18.391	ug/l	99
74) N-amyl acetate	12.500	43	122433	15.759	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	117022	18.098	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	113386m	18.569	ug/l	
77) Bromobenzene	12.988	156	85051	17.732	ug/l	99
78) n-propylbenzene	13.041	91	420720	16.979	ug/l	100
79) 2-Chlorotoluene	13.135	91	258407	17.476	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	329134	18.632	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	29394	15.387	ug/l	92
82) 4-Chlorotoluene	13.229	91	241192	16.395	ug/l	99
83) tert-Butylbenzene	13.447	119	282639	18.328	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	312341	17.978	ug/l	97
85) sec-Butylbenzene	13.623	105	384869	17.561	ug/l	98
86) p-Isopropyltoluene	13.735	119	311246	17.813	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	149883	16.897	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	144881	16.459	ug/l	97
89) n-Butylbenzene	14.064	91	250398	15.581	ug/l	99
90) Hexachloroethane	14.341	117	53038	18.478	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	154036	18.588	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19234	15.365	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	61715	12.744	ug/l	100
94) Hexachlorobutadiene	15.506	225	34306	17.062	ug/l	97
95) Naphthalene	15.653	128	189366	11.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	65160	13.743	ug/l	99

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MSVOA_N
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VN0523WBSD02

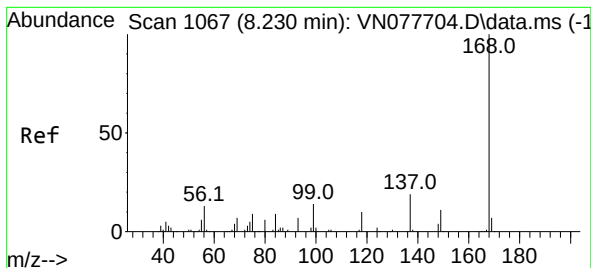
Manual Integrations
APPROVED

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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

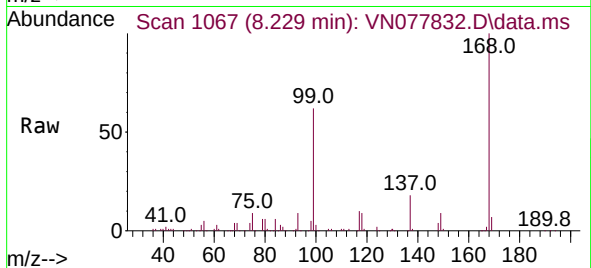
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077832.D
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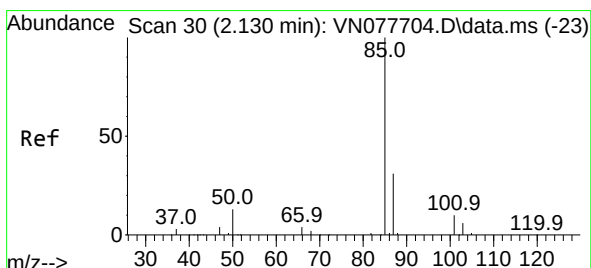
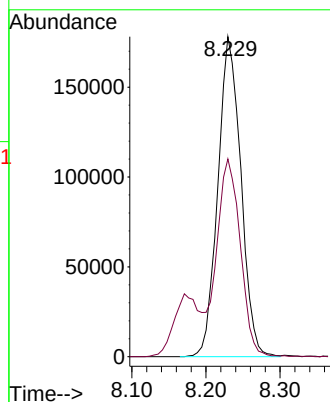
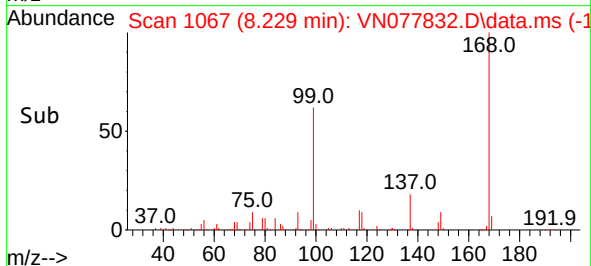
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



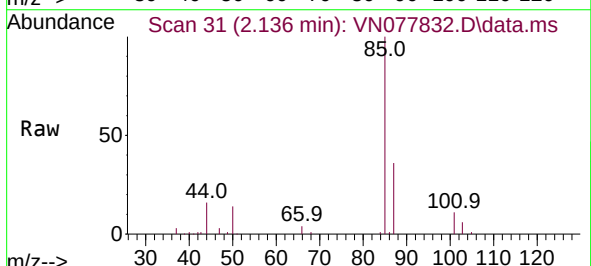
Tgt Ion:168 Resp: 384478
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6

Manual Integrations
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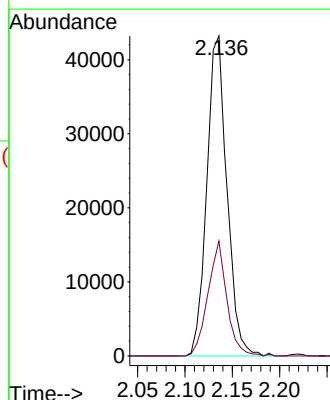
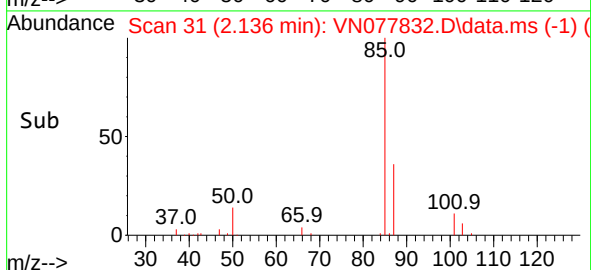
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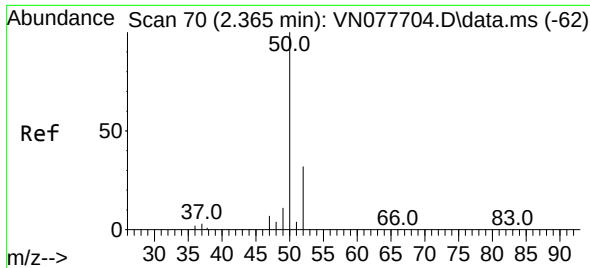


#2
Dichlorodifluoromethane
Concen: 14.563 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



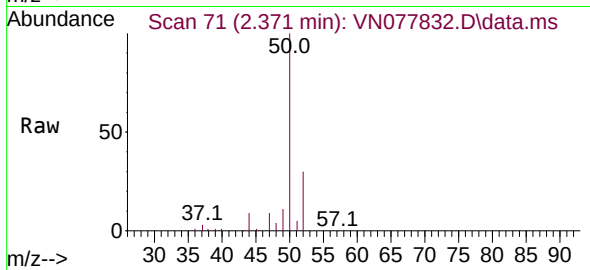
Tgt Ion: 85 Resp: 63720
Ion Ratio Lower Upper
85 100
87 35.9 15.8 47.4





#3
Chloromethane
Concen: 13.641 ug/l
RT: 2.371 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

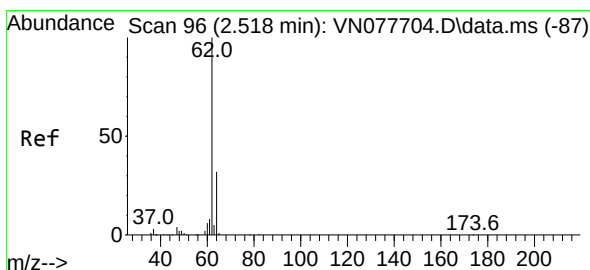
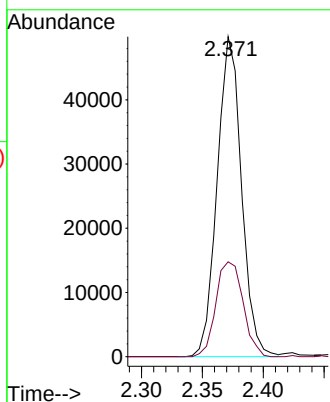
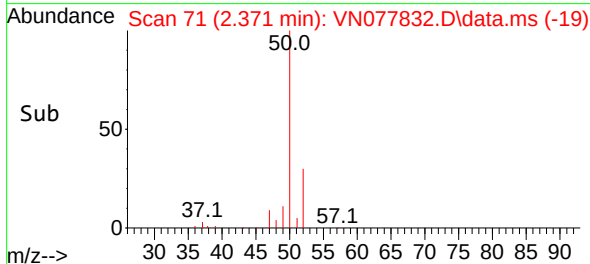
Instrument :
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Tgt Ion: 50 Resp: 69329
Ion Ratio Lower Upper
50 100
52 29.6 26.5 39.7

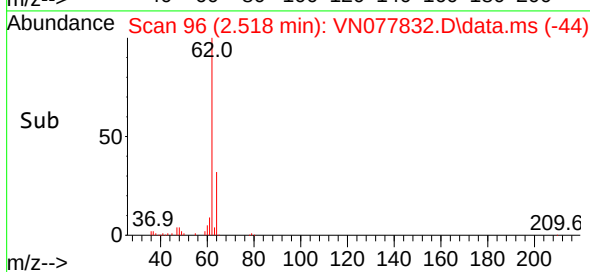
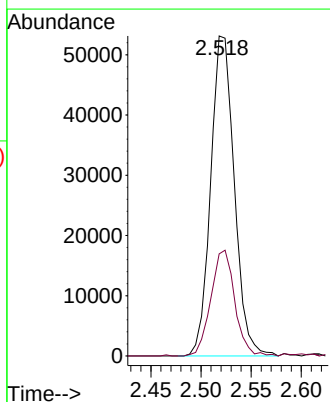
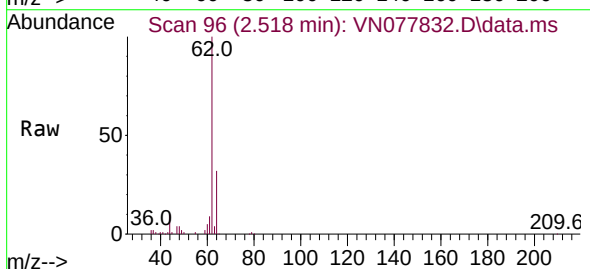
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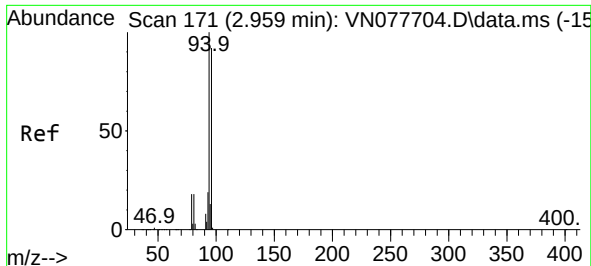
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 15.802 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

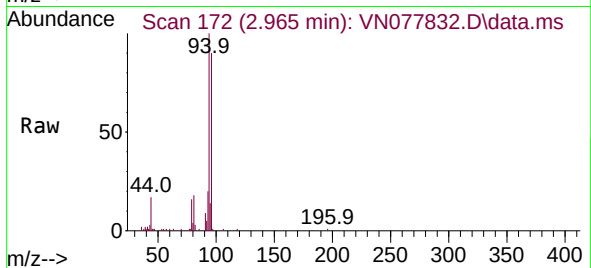
Tgt Ion: 62 Resp: 87176
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 16.896 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077832.D
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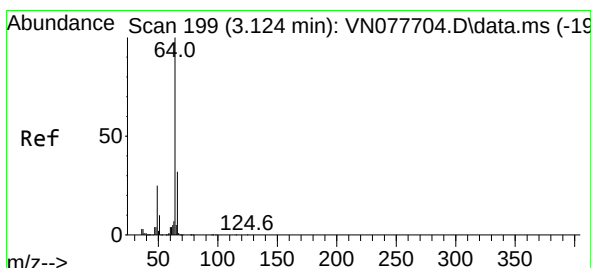
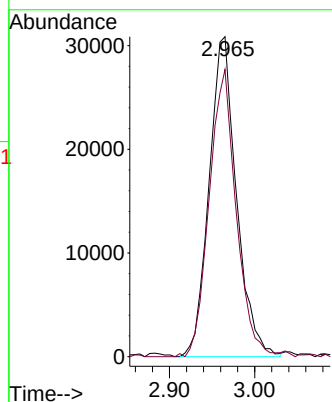
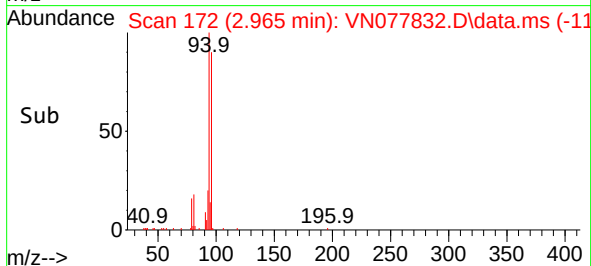
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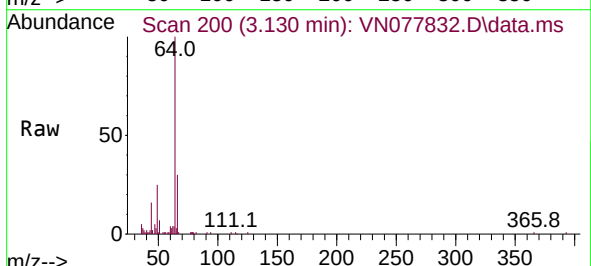
Tgt Ion: 94 Resp: 68930
Ion Ratio Lower Upper
94 100
96 88.8 73.1 109.7

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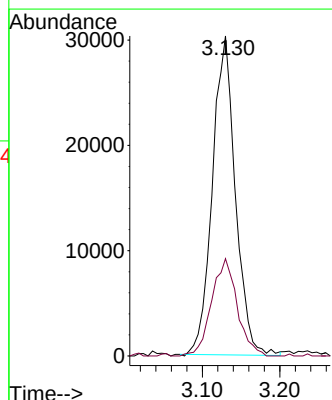
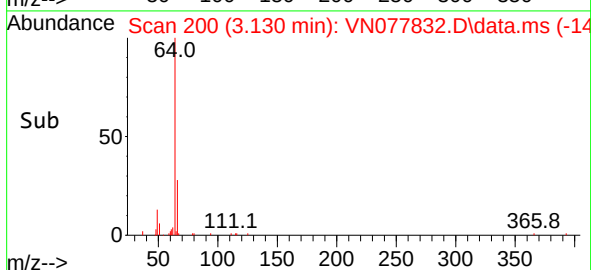
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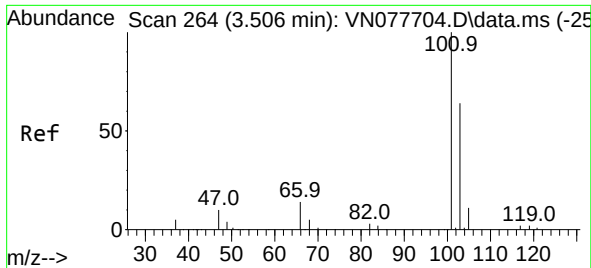


#6
Chloroethane
Concen: 15.694 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077832.D
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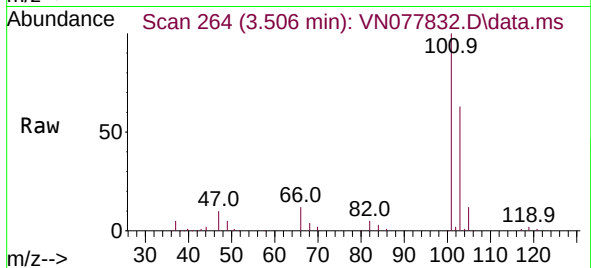
Tgt Ion: 64 Resp: 62395
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 16.168 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

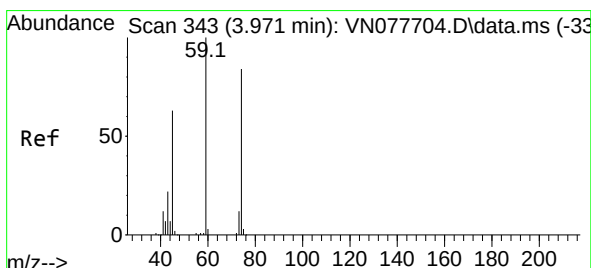
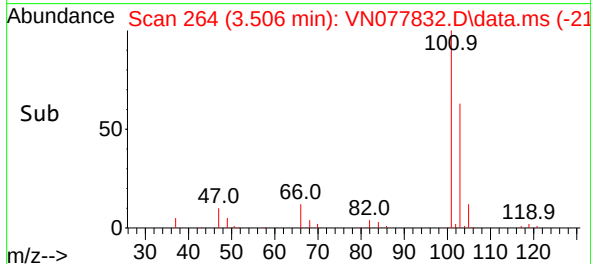
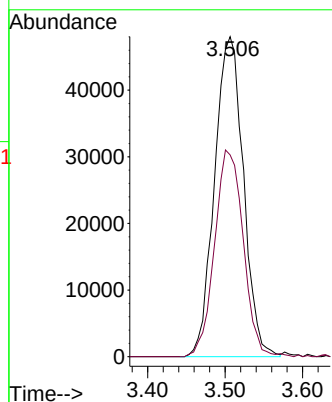
Instrument :
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Tgt Ion:101 Resp: 124300
Ion Ratio Lower Upper
101 100
103 63.1 50.7 76.1

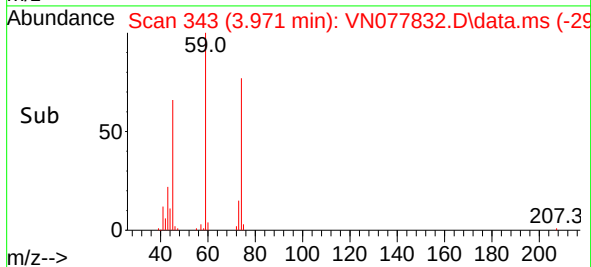
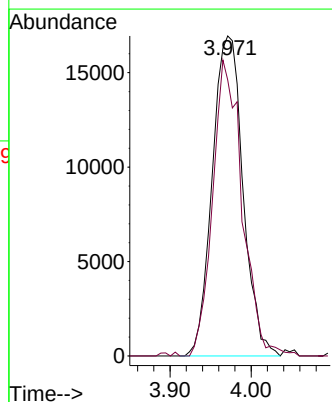
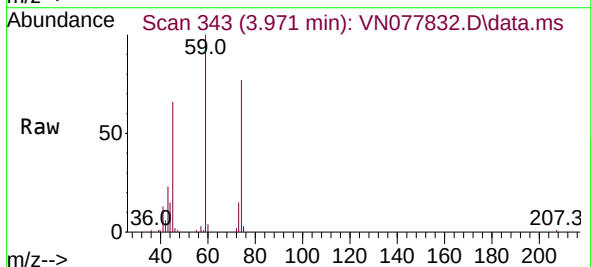
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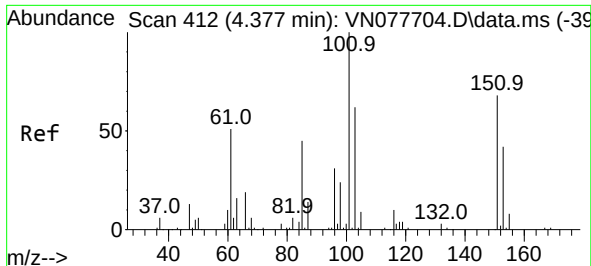
Reviewed By :John Carlone 05/25/2023
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#8
Diethyl Ether
Concen: 15.872 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 44548
Ion Ratio Lower Upper
74 100
45 89.0 34.4 103.3





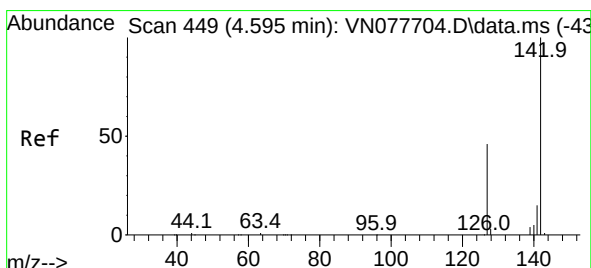
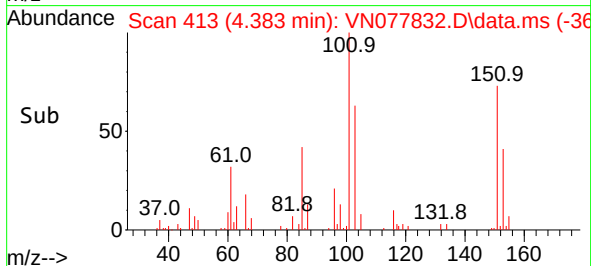
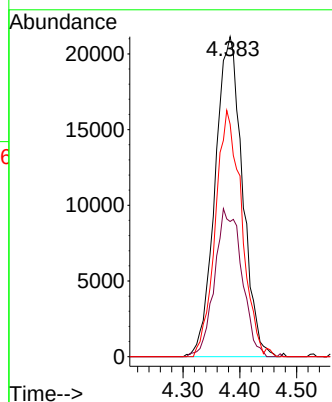
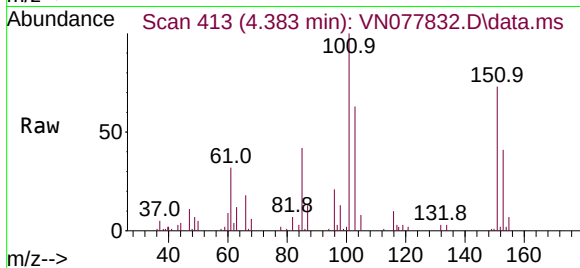
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.587 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02

Tgt Ion:101 Resp: 7057
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 74.3 57.6 86.4

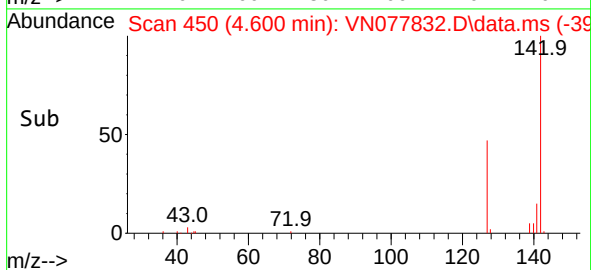
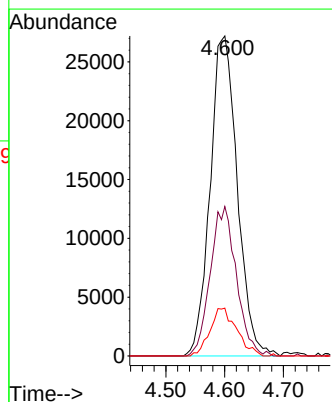
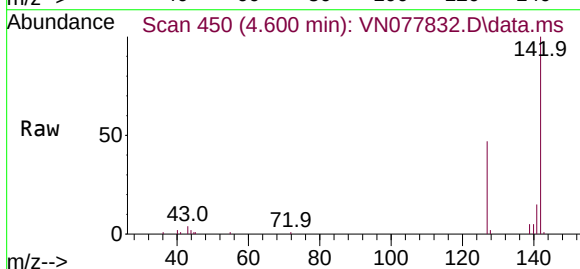
Manual Integrations
APPROVED

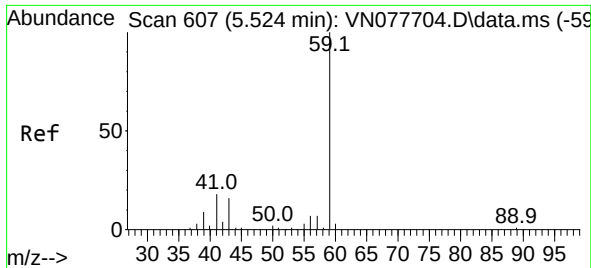
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 17.224 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Tgt Ion:142 Resp: 87398
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 15.0 11.4 17.0





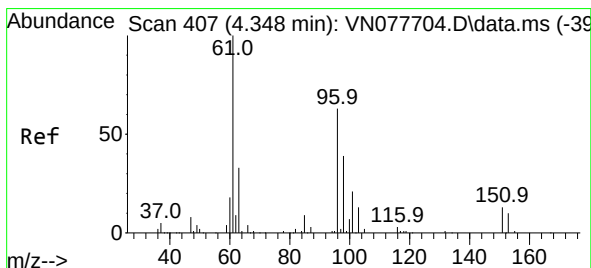
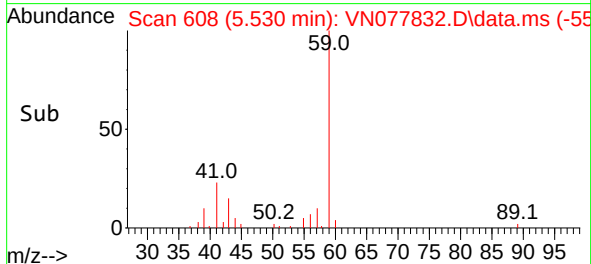
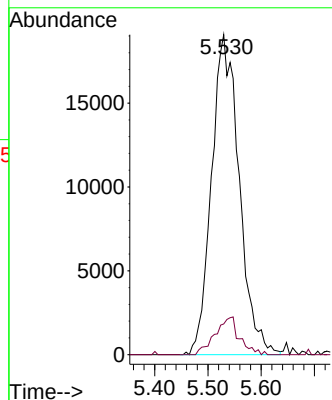
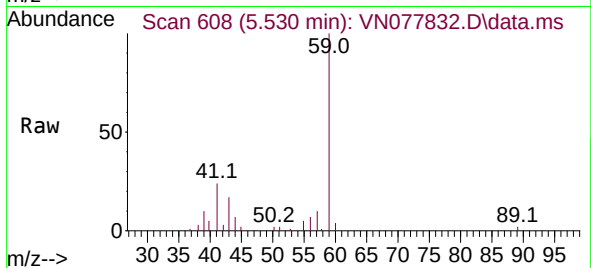
#11
Tert butyl alcohol
Concen: 86.451 ug/l
RT: 5.530 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02

Tgt Ion: 59 Resp: 6863
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

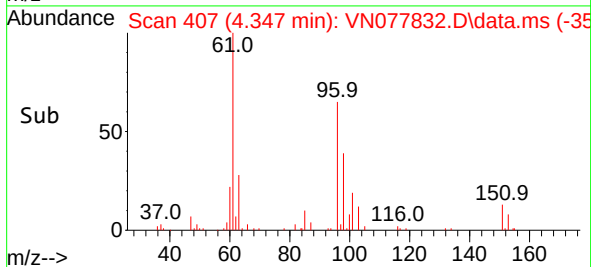
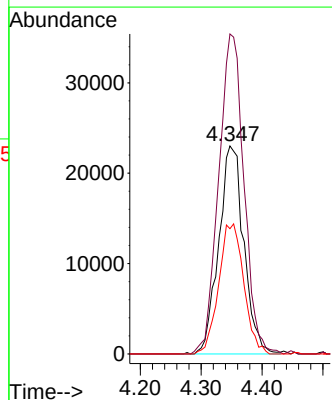
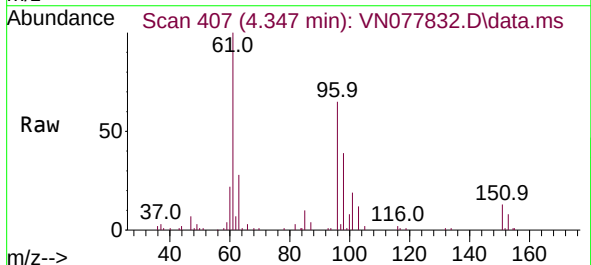
Manual Integrations
APPROVED

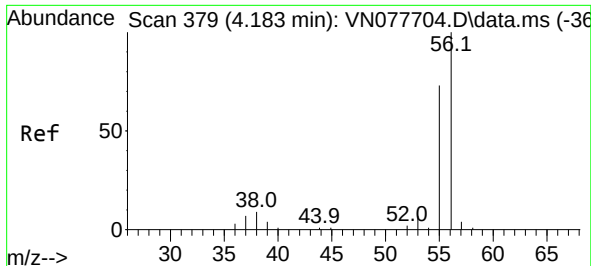
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
1,1-Dichloroethene
Concen: 16.284 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

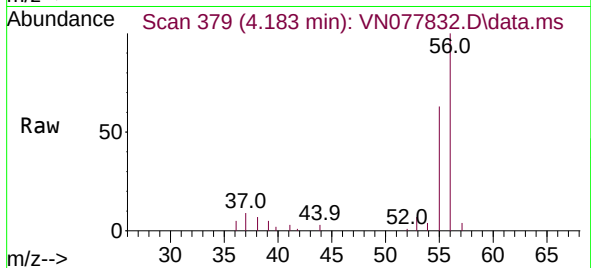
Tgt Ion: 96 Resp: 65852
Ion Ratio Lower Upper
96 100
61 153.9 112.7 169.1
98 60.2 51.2 76.8





#13
Acrolein
Concen: 108.276 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

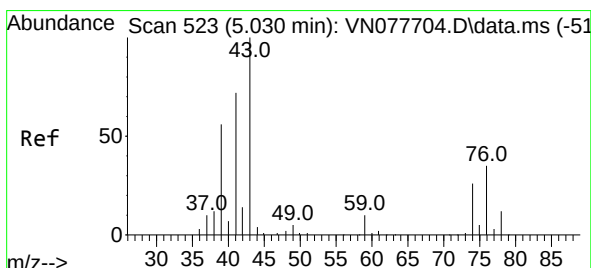
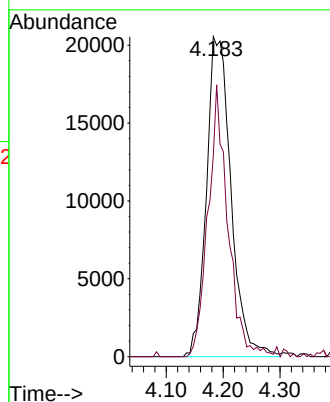
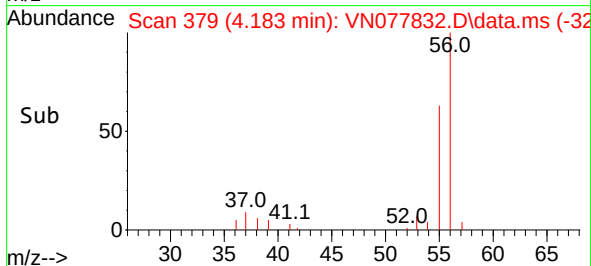
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



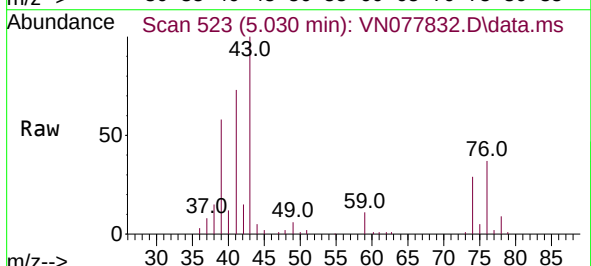
Tgt Ion: 56 Resp: 6152
Ion Ratio Lower Upper
56 100
55 68.5 54.5 81.7

Manual Integrations
APPROVED

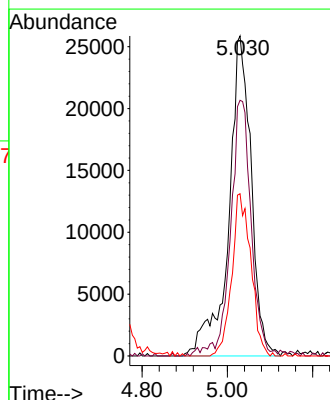
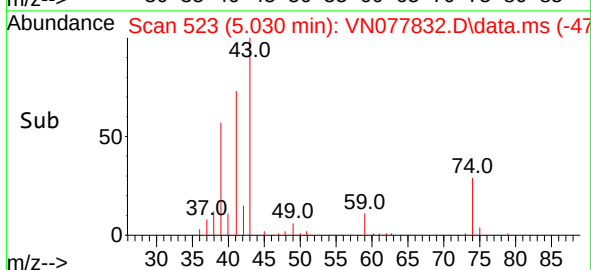
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

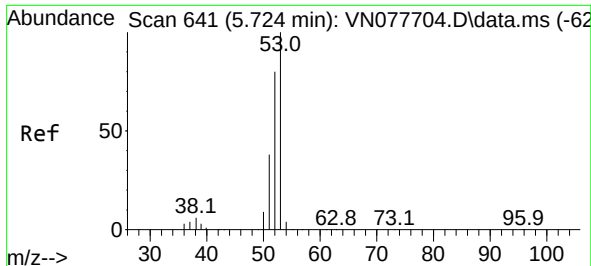


#14
Allyl chloride
Concen: 15.983 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



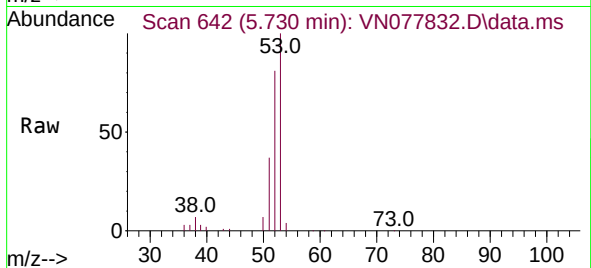
Tgt Ion: 41 Resp: 94948
Ion Ratio Lower Upper
41 100
39 71.2 58.8 88.2
76 42.9 39.1 58.7





#15
Acrylonitrile
Concen: 82.121 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

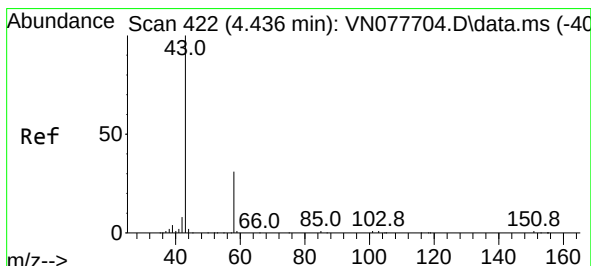
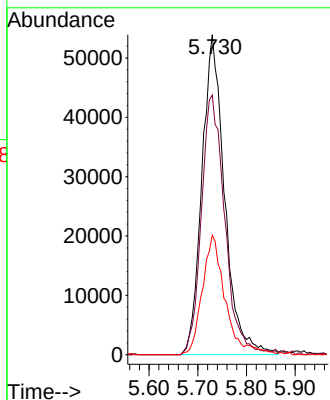
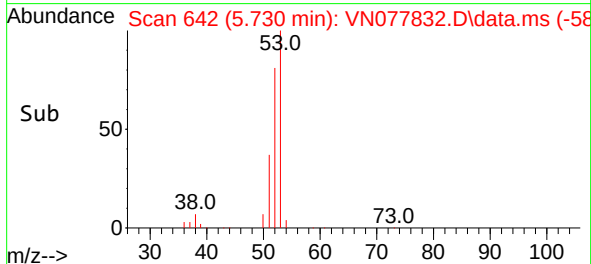
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion: 53 Resp: 174180
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 37.6 28.9 43.3

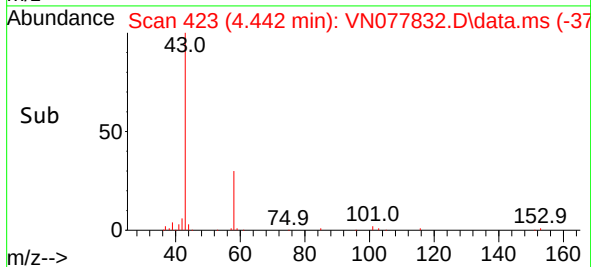
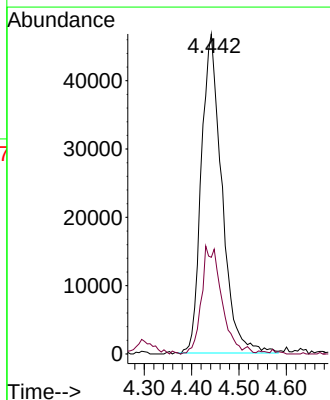
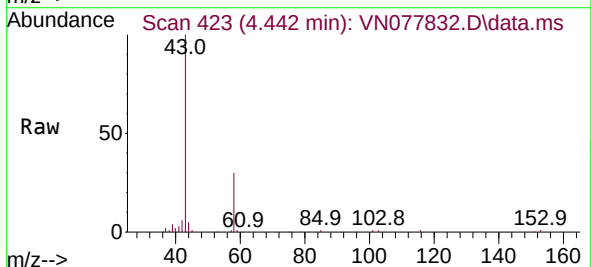
Manual Integrations
APPROVED

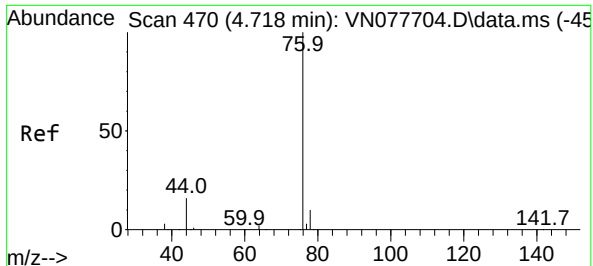
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Acetone
Concen: 77.605 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

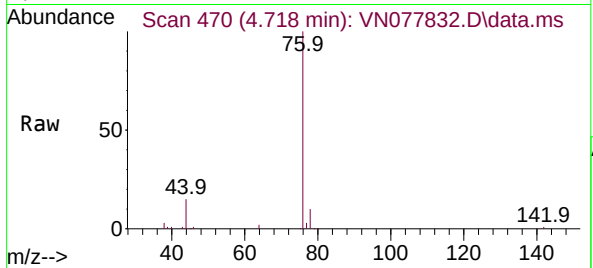
Tgt Ion: 43 Resp: 140458
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0





#17
Carbon Disulfide
Concen: 12.723 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

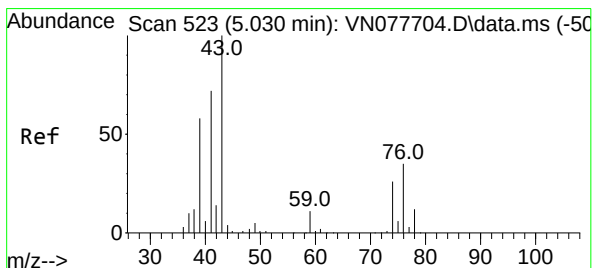
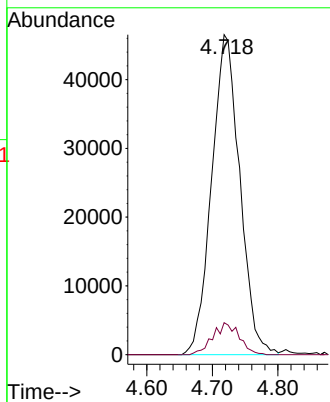
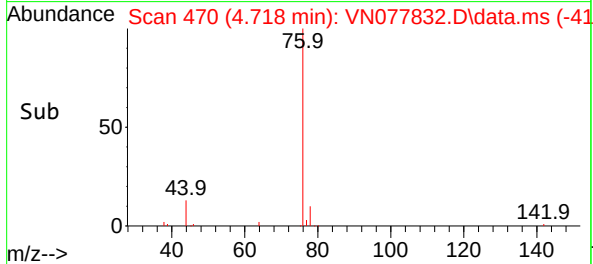
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion: 76 Resp: 13863
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

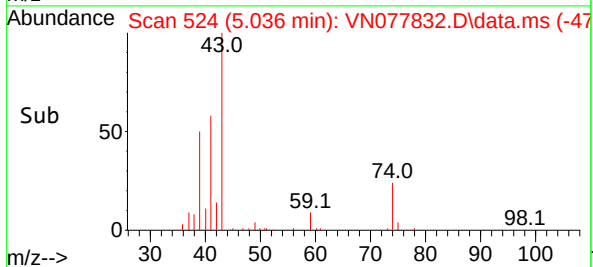
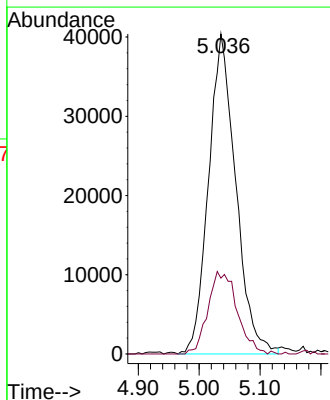
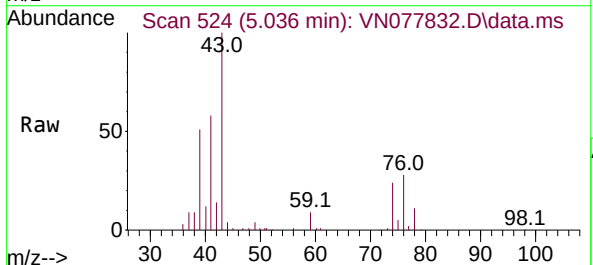
Manual Integrations
APPROVED

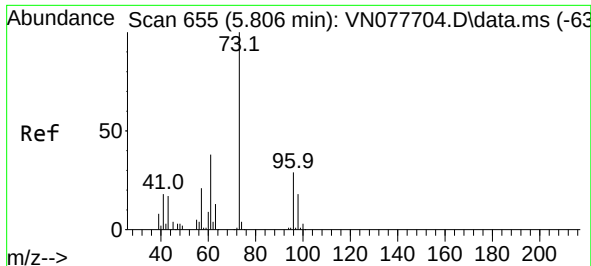
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 16.517 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

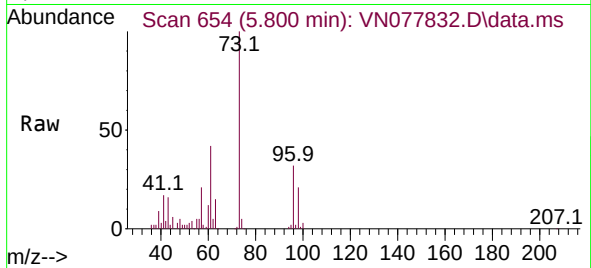
Tgt Ion: 43 Resp: 125410
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 16.802 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

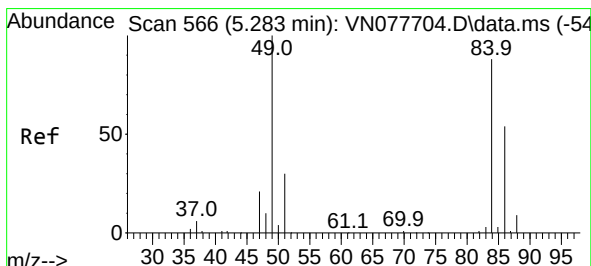
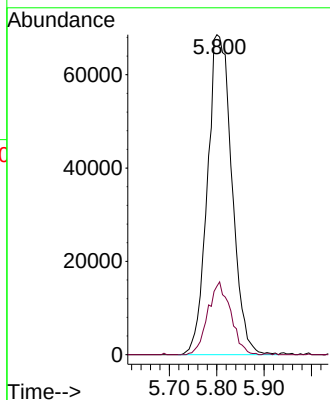
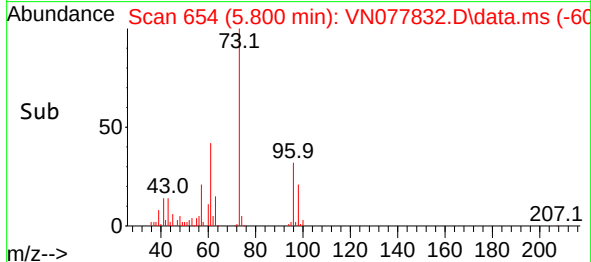
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



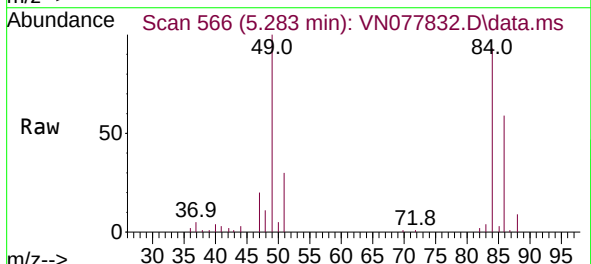
Tgt Ion: 73 Resp: 245940
Ion Ratio Lower Upper
73 100
57 21.4 15.6 23.4

Manual Integrations
APPROVED

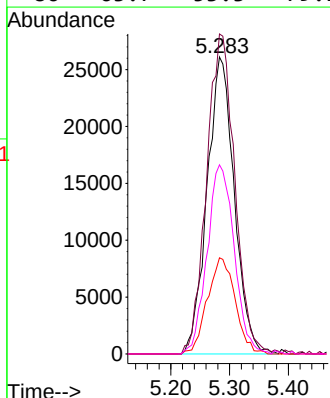
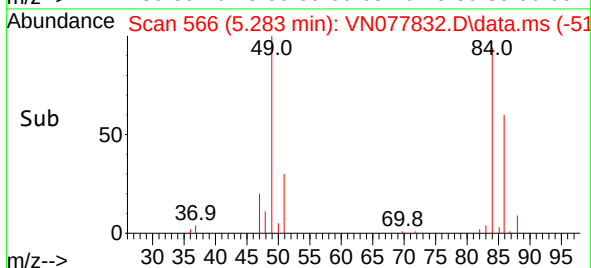
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

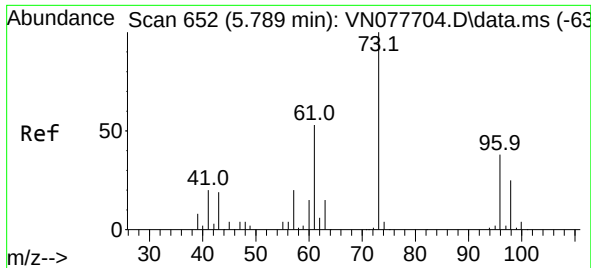


#20
Methylene Chloride
Concen: 16.534 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



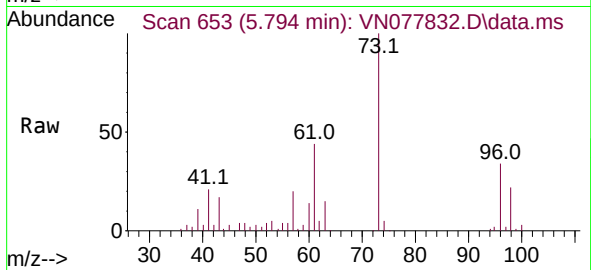
Tgt Ion: 84 Resp: 84117
Ion Ratio Lower Upper
84 100
49 107.8 79.7 119.5
51 32.4 25.2 37.8
86 63.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 15.742 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

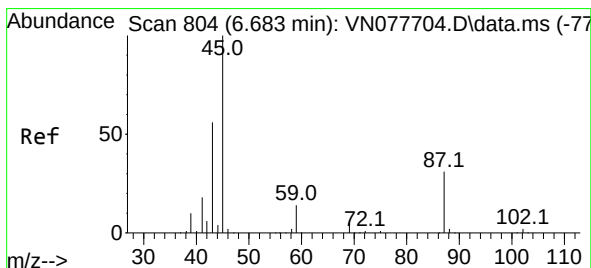
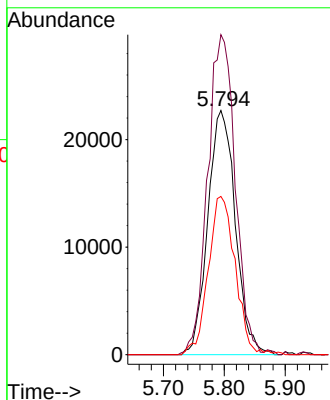
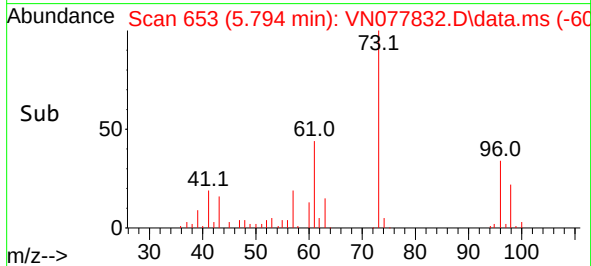
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion: 96 Resp: 71508
Ion Ratio Lower Upper
96 100
61 131.0 90.1 135.1
98 64.8 46.4 69.6

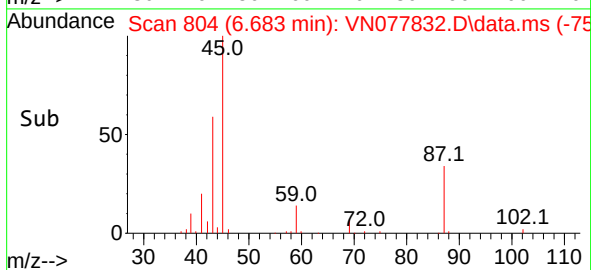
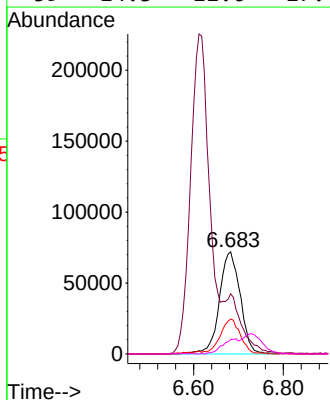
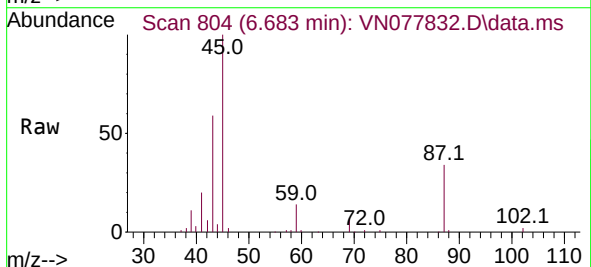
Manual Integrations
APPROVED

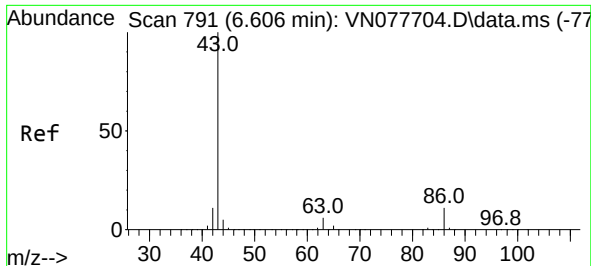
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
Diisopropyl ether
Concen: 16.763 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Tgt Ion: 45 Resp: 233411
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 34.2 31.8 47.8
59 14.3 11.6 17.4





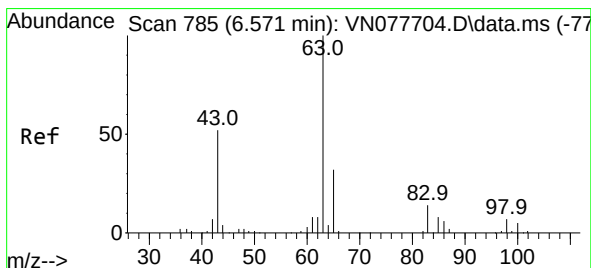
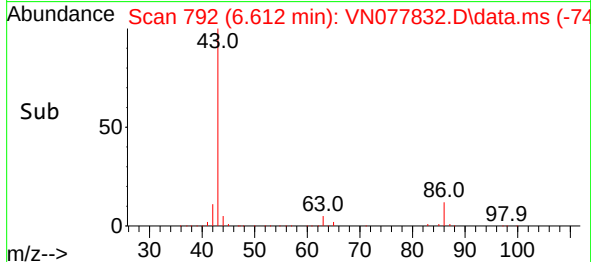
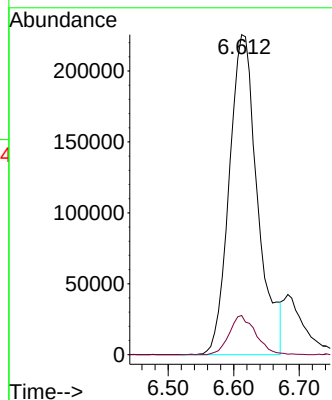
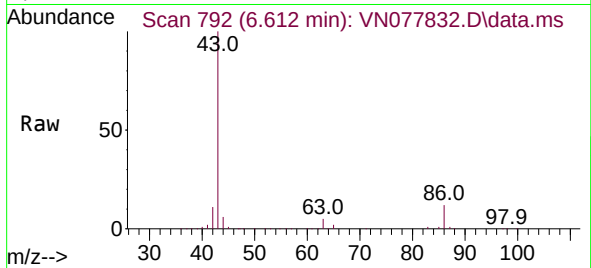
#23
 Vinyl Acetate
 Concen: 78.547 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077832.D
 Acq: 24 May 2023 01:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD02

Tgt Ion: 43 Resp: 677640
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6

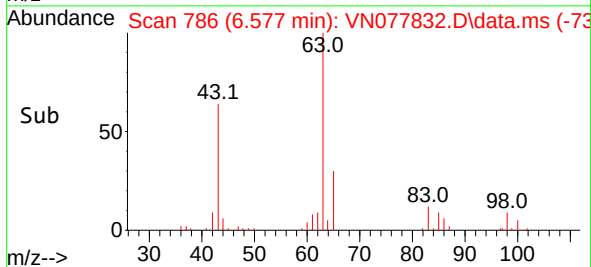
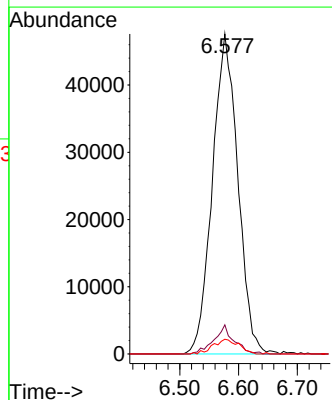
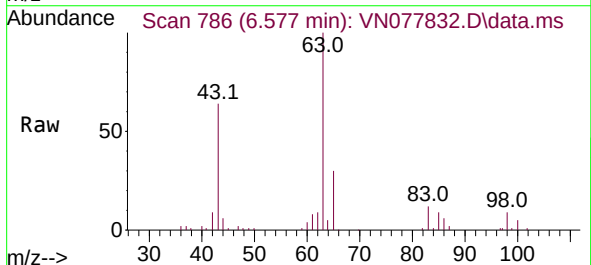
Manual Integrations
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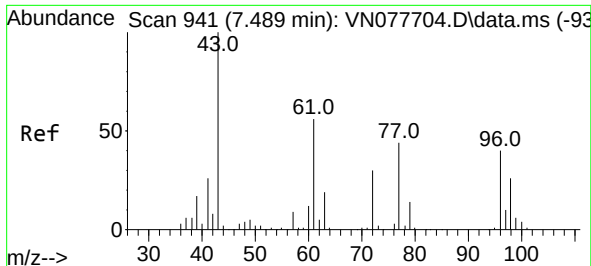
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 16.762 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077832.D
 Acq: 24 May 2023 01:49

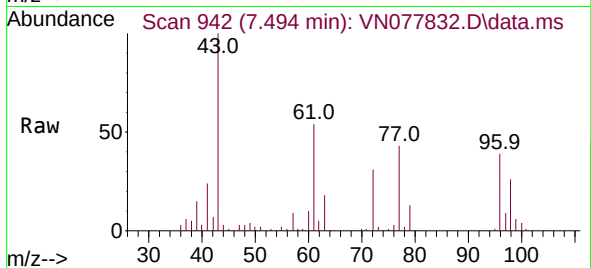
Tgt Ion: 63 Resp: 142990
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 79.044 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

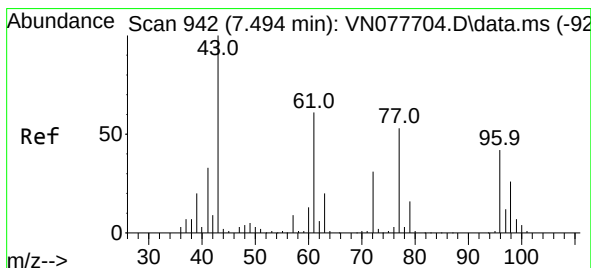
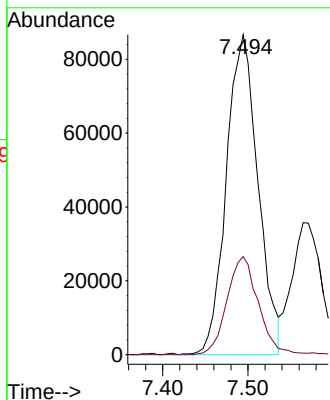
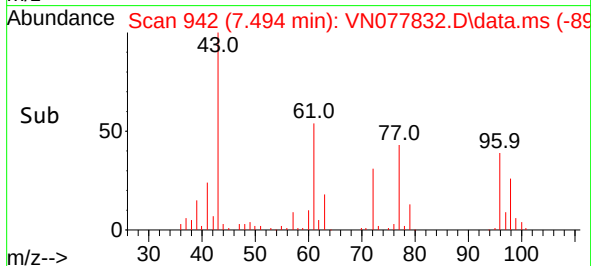
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion: 43 Resp: 22379
Ion Ratio Lower Upper
43 100
72 30.6 30.2 45.2

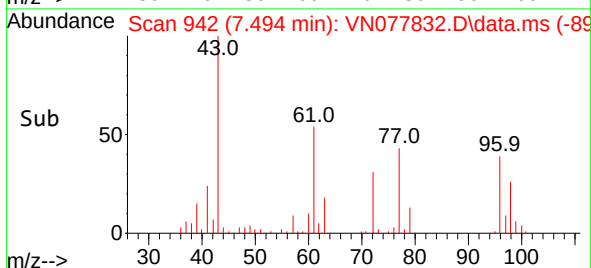
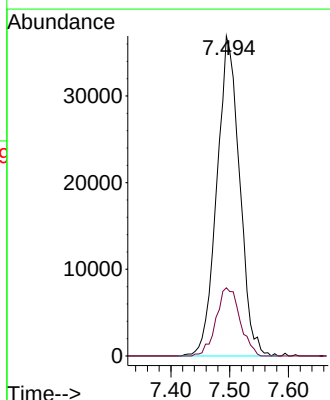
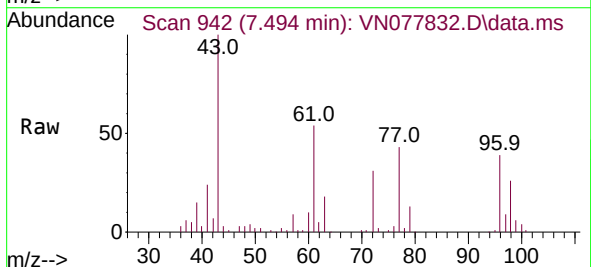
Manual Integrations
APPROVED

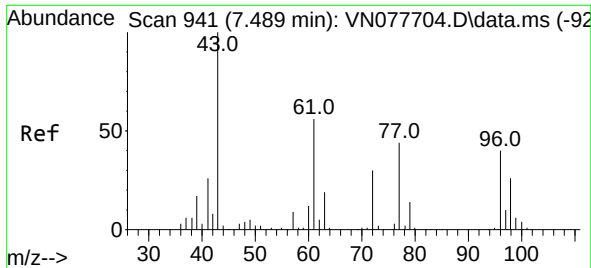
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
2,2-Dichloropropane
Concen: 13.674 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

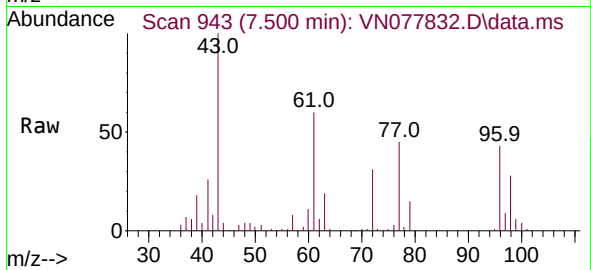
Tgt Ion: 77 Resp: 99105
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.069 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077832.D
 Acq: 24 May 2023 01:49

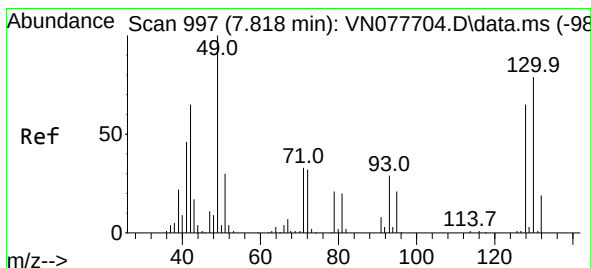
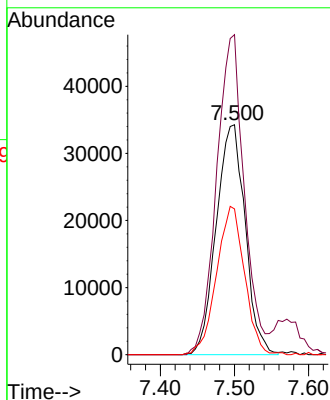
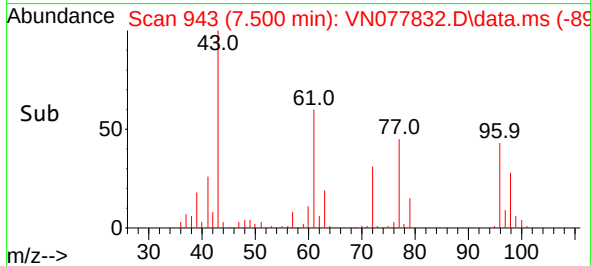
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD02



Tgt Ion: 96 Resp: 92970
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 255.2
 98 62.4 0.0 128.8

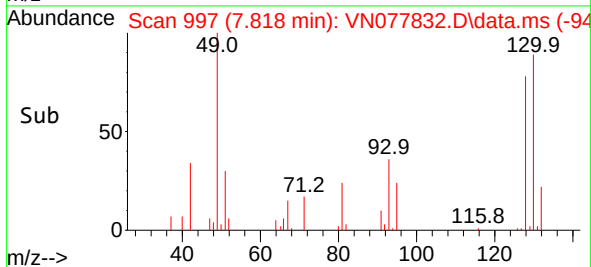
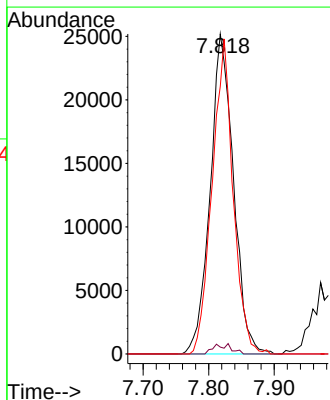
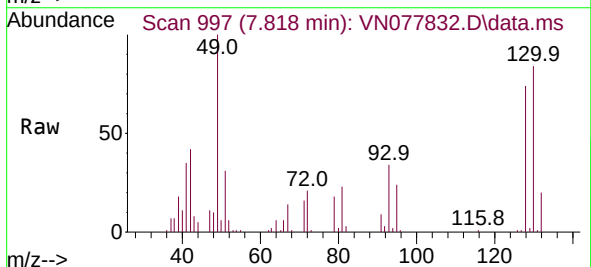
Manual Integrations
 APPROVED

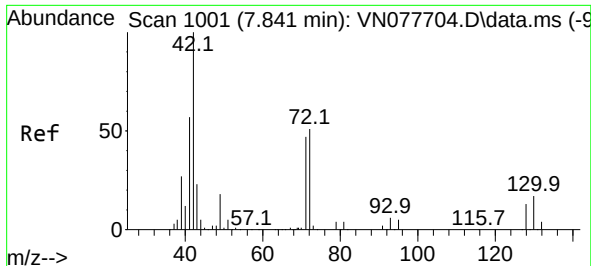
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#28
 Bromochloromethane
 Concen: 16.846 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077832.D
 Acq: 24 May 2023 01:49

Tgt Ion: 49 Resp: 62151
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 88.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 76.981 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077832.D

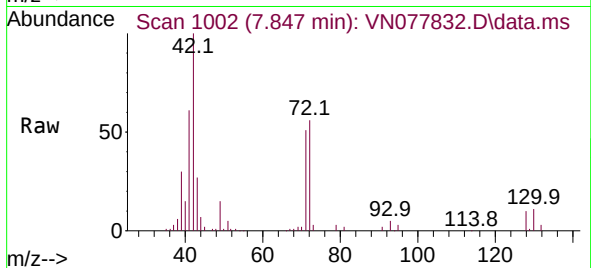
Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02



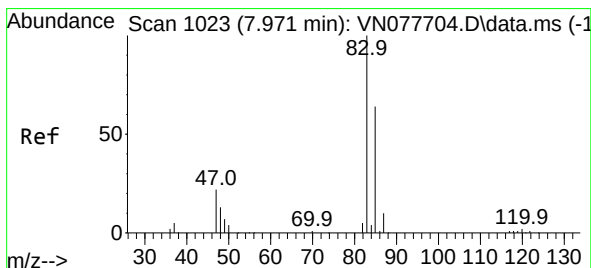
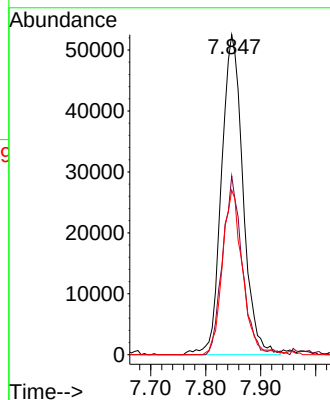
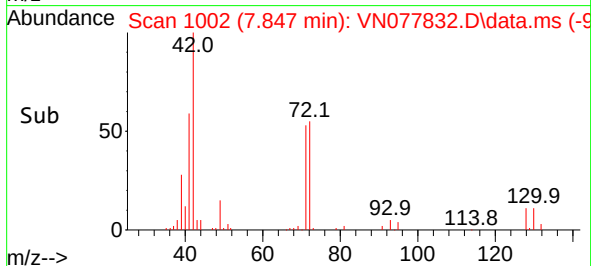
Tgt Ion:	42	Resp:	14271
Ion Ratio	100	Lower	Upper
42	100		
72	50.2	49.8	74.6
71	47.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 16.638 ug/l

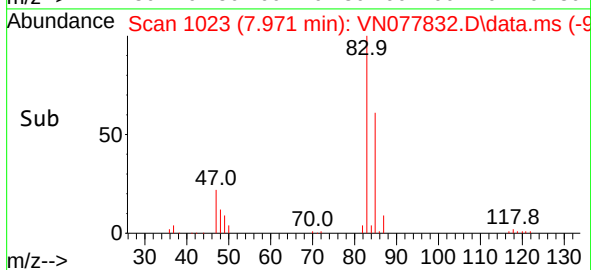
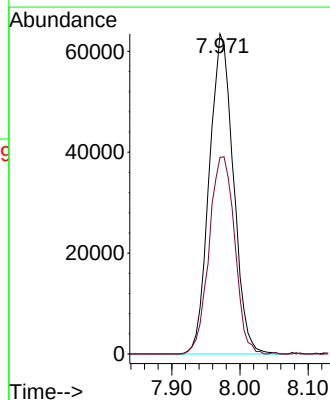
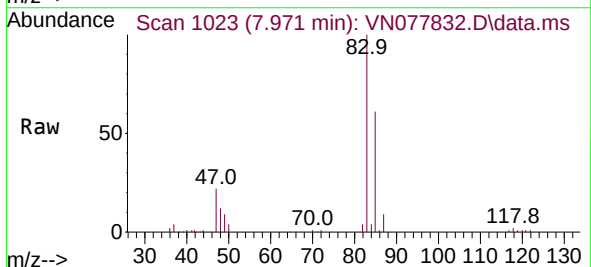
RT: 7.971 min Scan# 1023

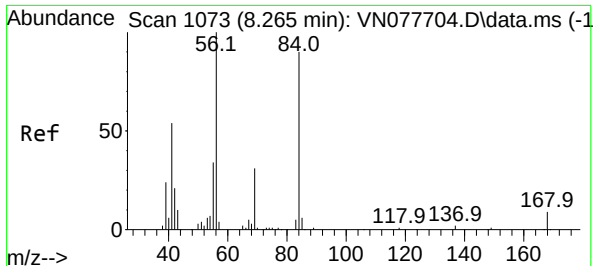
Delta R.T. -0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

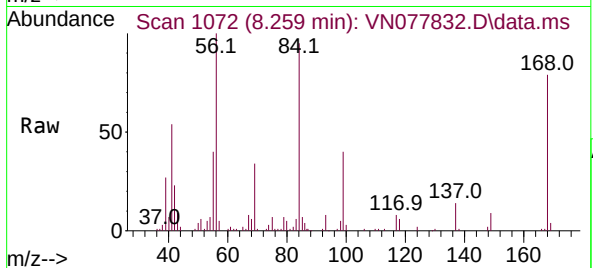
Tgt Ion:	83	Resp:	156135
Ion Ratio	100	Lower	Upper
83	100		
85	61.5	55.4	83.0





#31
Cyclohexane
Concen: 14.694 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

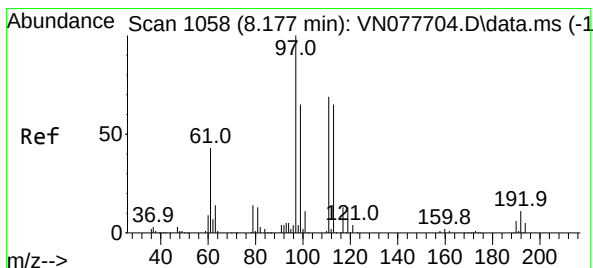
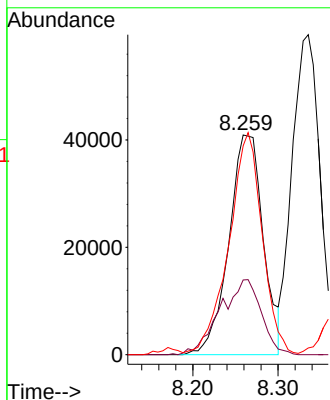
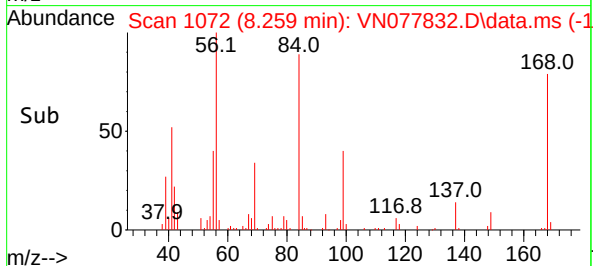
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



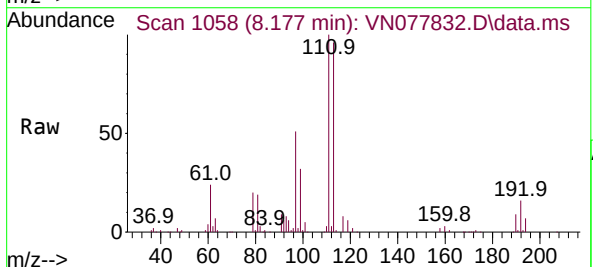
Tgt Ion: 56 Resp: 11489
Ion Ratio Lower Upper
56 100
69 34.0 26.8 40.2
84 93.1 81.8 122.6

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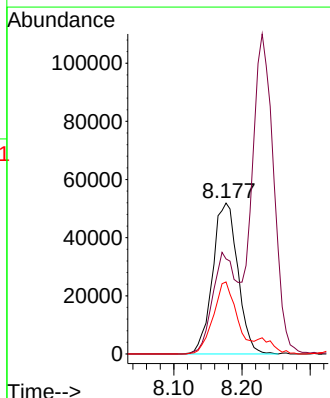
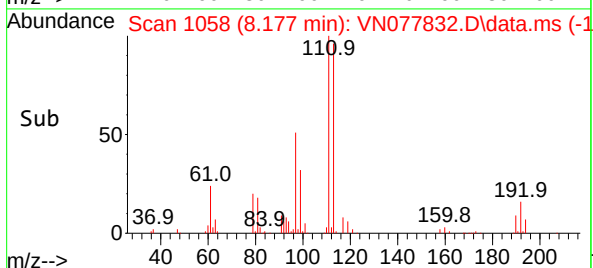
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

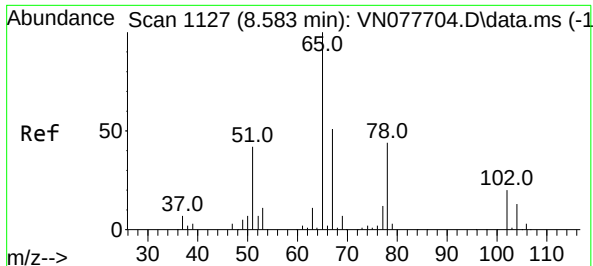


#32
1,1,1-Trichloroethane
Concen: 16.693 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



Tgt Ion: 97 Resp: 133180
Ion Ratio Lower Upper
97 100
99 61.1 50.3 75.5
61 45.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.465 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

Tgt Ion: 65 Resp: 28456

Ion Ratio Lower Upper

65 100

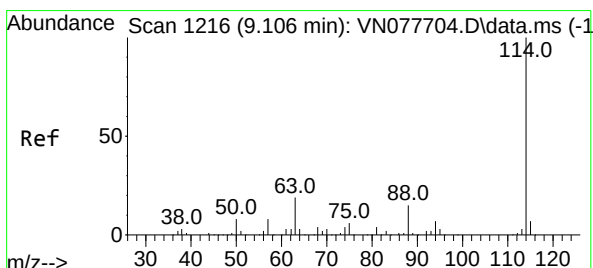
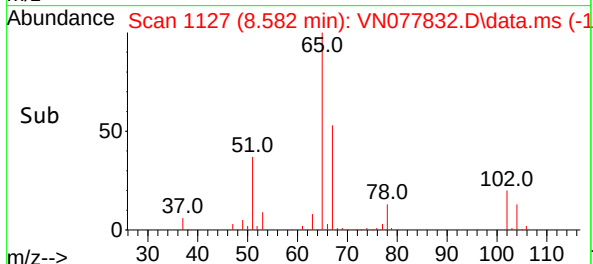
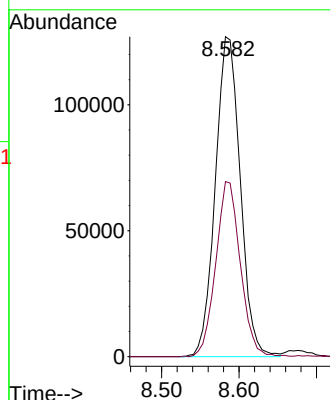
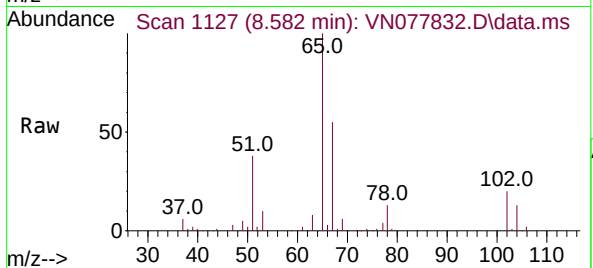
67 54.0 0.0 106.6

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: VN077832.D

Acq: 24 May 2023 01:49

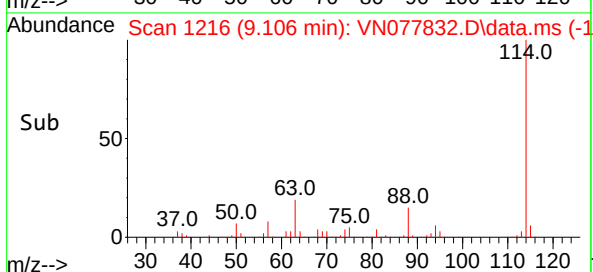
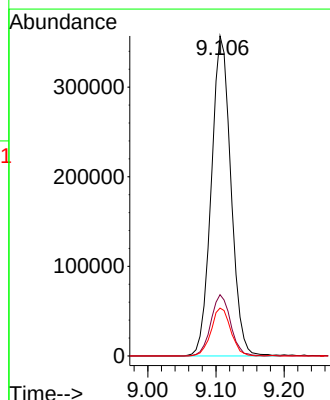
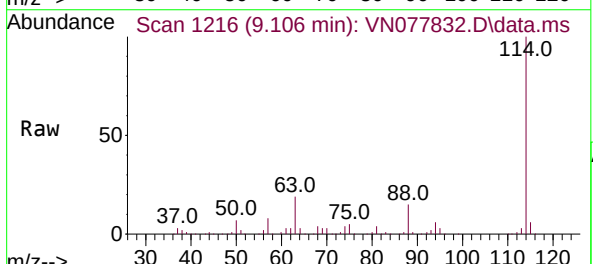
Tgt Ion:114 Resp: 714744

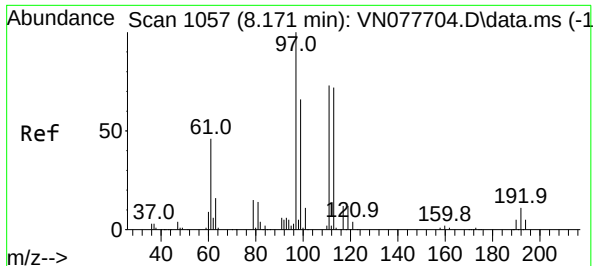
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

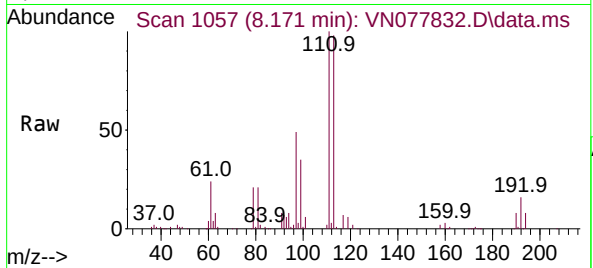
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.170 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

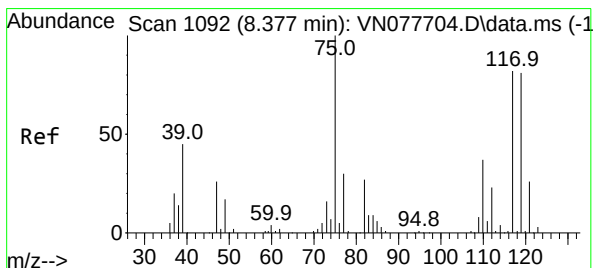
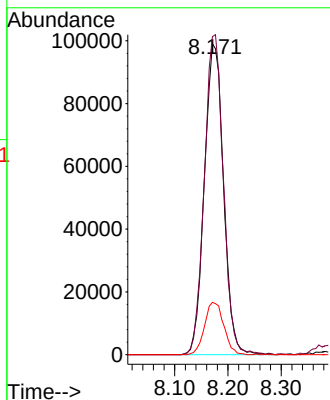
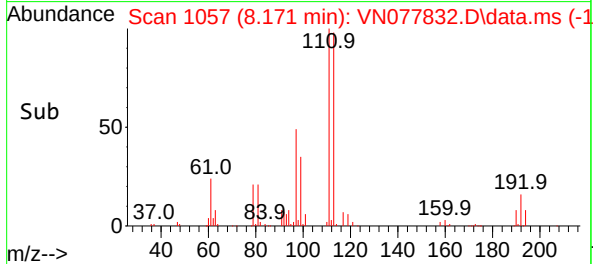
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion: 113 Resp: 247815
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 16.8 12.7 19.1

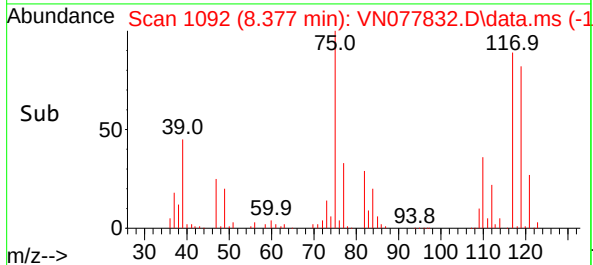
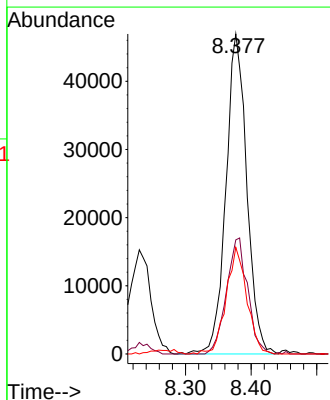
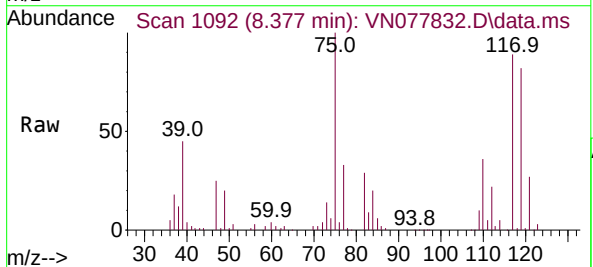
Manual Integrations
APPROVED

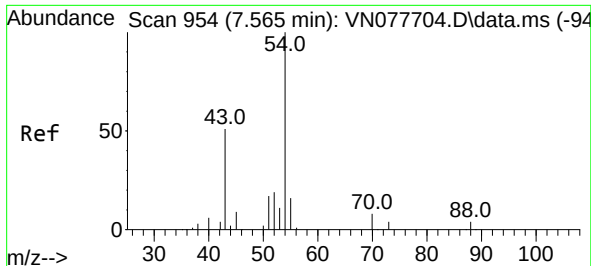
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#36
1,1-Dichloropropene
Concen: 15.228 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Tgt Ion: 75 Resp: 103813
Ion Ratio Lower Upper
75 100
110 36.8 19.1 57.3
77 33.2 25.0 37.4





#37

Ethyl Acetate

Concen: 14.893 ug/l

RT: 7.565 min Scan# 904

Delta R.T. -0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

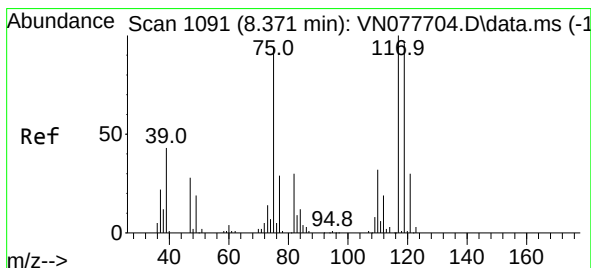
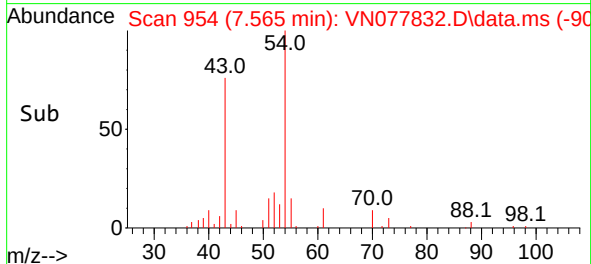
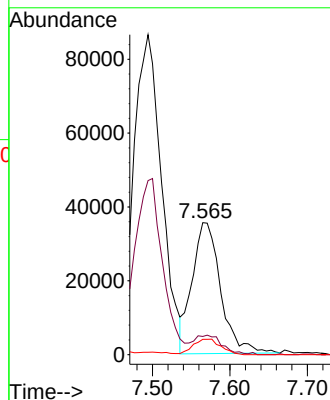
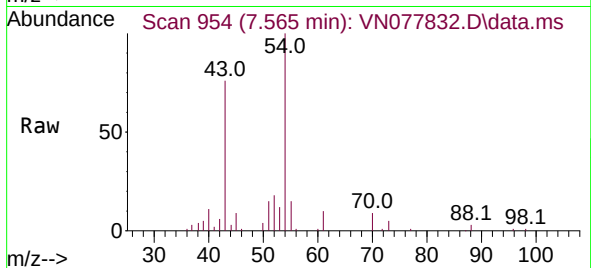
ClientSampleId :

VN0523WBSD02

Tgt Ion: 43	Resp: 9049
Ion Ratio	Lower Upper
43 100	
61 14.6	13.2 19.8
70 11.4	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: 16.552 ug/l

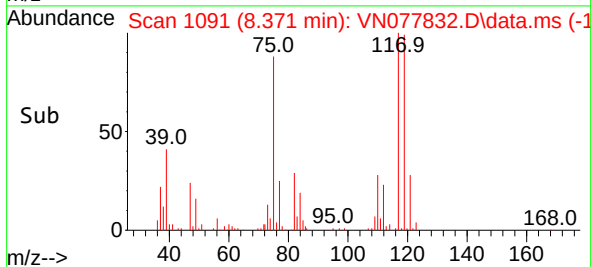
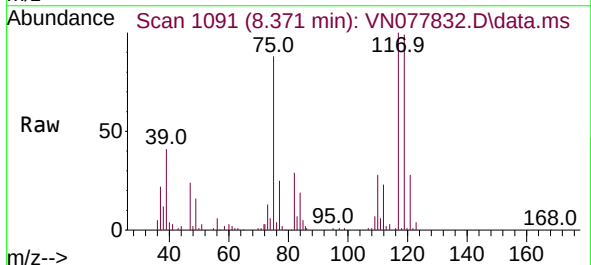
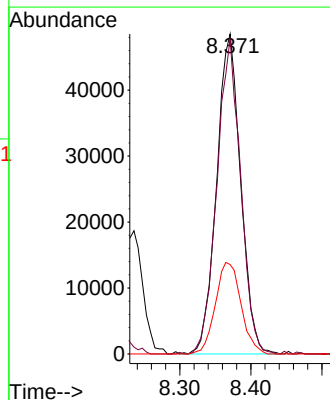
RT: 8.371 min Scan# 1091

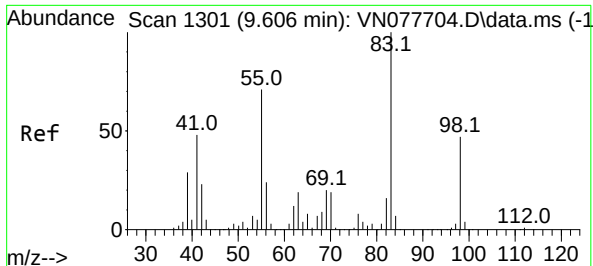
Delta R.T. -0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Tgt Ion: 117	Resp: 113939
Ion Ratio	Lower Upper
117 100	
119 98.6	77.3 115.9
121 28.0	23.3 34.9





#39

Methylcyclohexane

Concen: 14.380 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

Tgt Ion: 83 Resp: 12001

Ion Ratio Lower Upper

83 100

55 71.2 49.1 73.7

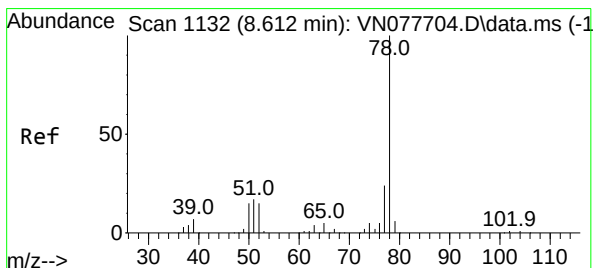
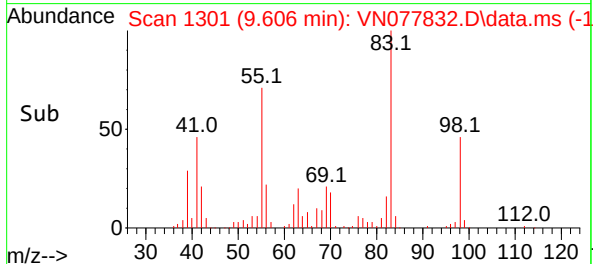
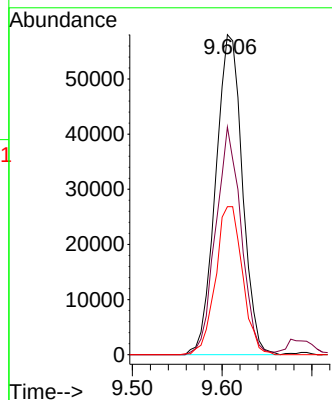
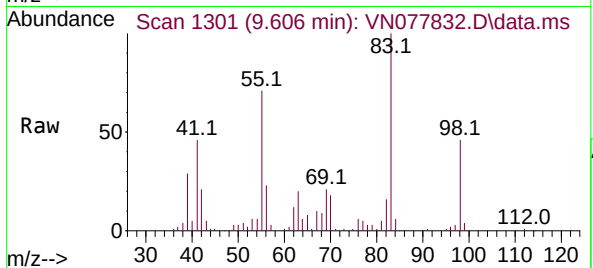
98 46.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 15.974 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077832.D

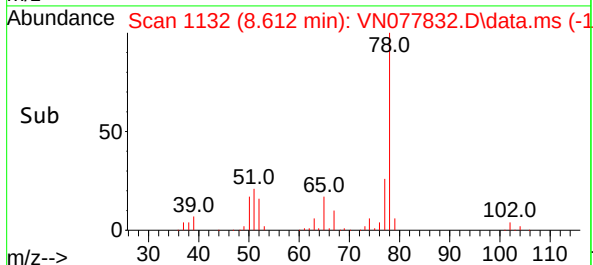
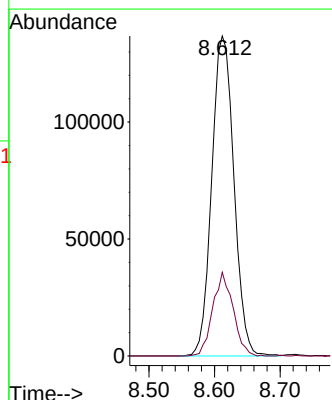
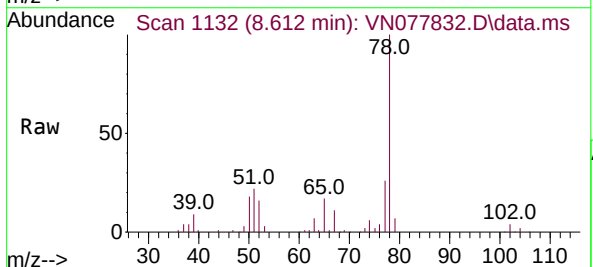
Acq: 24 May 2023 01:49

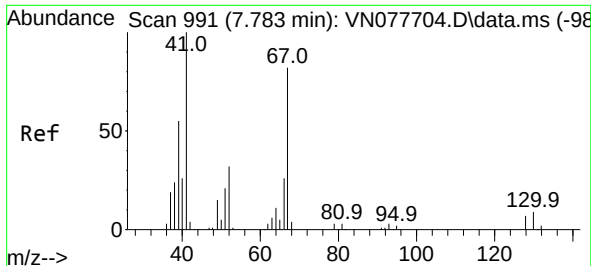
Tgt Ion: 78 Resp: 321350

Ion Ratio Lower Upper

78 100

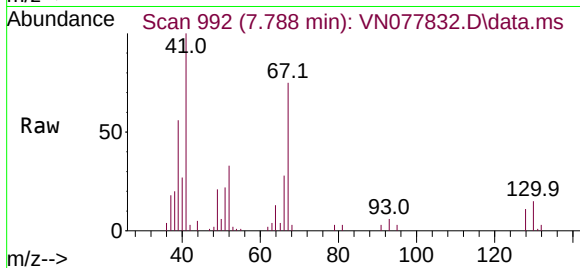
77 26.2 19.0 28.6





#41
Methacrylonitrile
Concen: 14.978 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

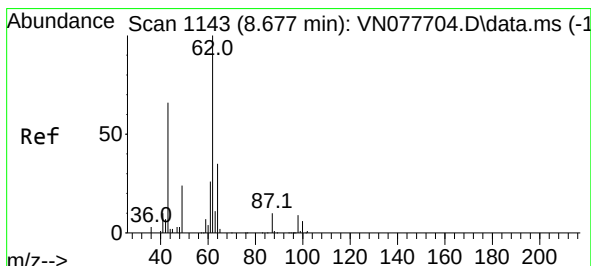
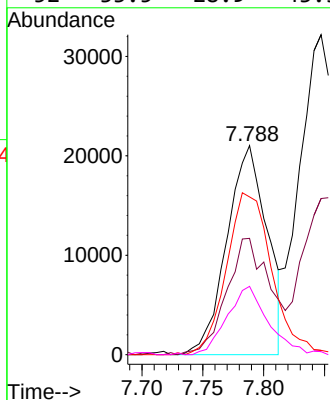
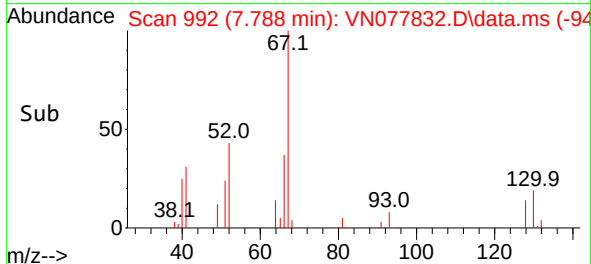
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion: 41 Resp: 4846
Ion Ratio Lower Upper
41 100
39 60.5 42.6 64.0
67 87.7 77.5 116.3
52 33.5 28.9 43.3

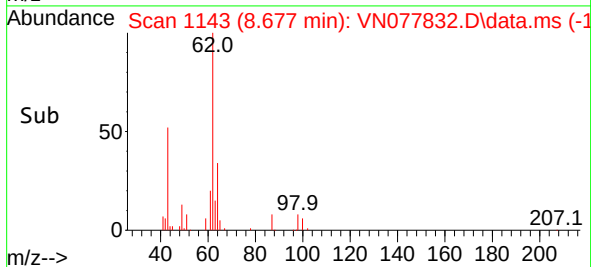
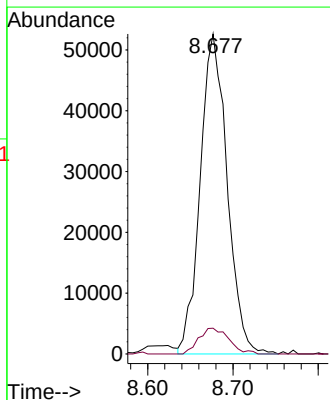
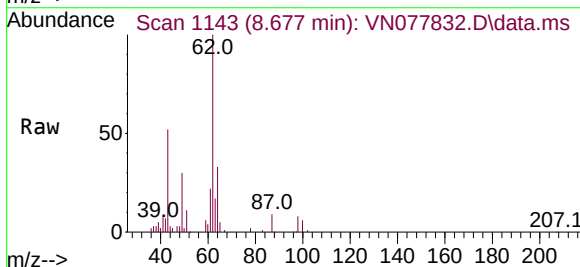
Manual Integrations
APPROVED

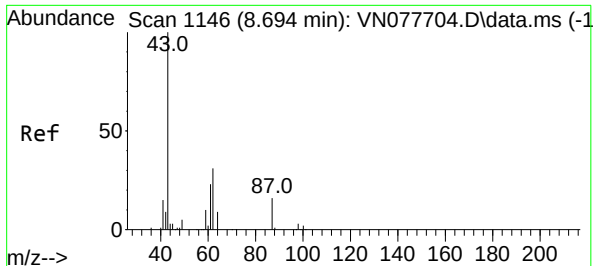
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
1,2-Dichloroethane
Concen: 15.826 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Tgt Ion: 62 Resp: 115651
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.219 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

Tgt Ion: 43 Resp: 170892

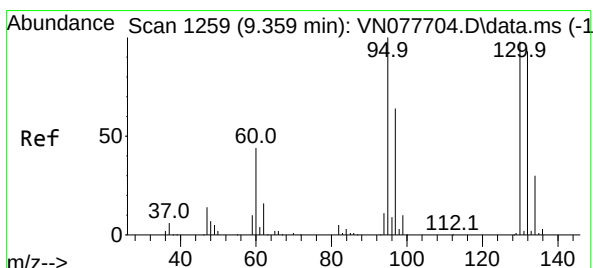
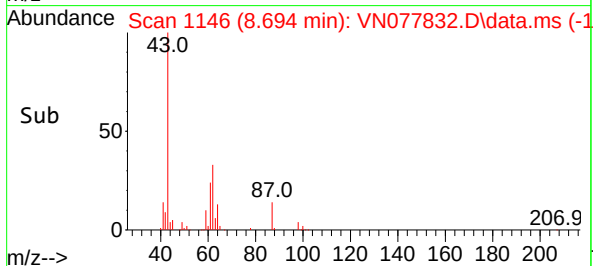
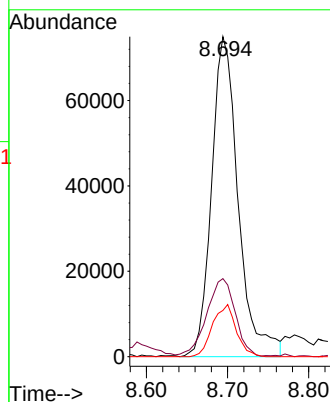
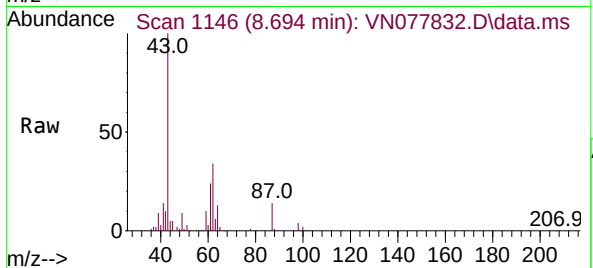
Ion	Ratio	Lower	Upper
43	100		
61	25.9	24.7	37.1
87	14.5	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#44

Trichloroethene

Concen: 16.491 ug/l

RT: 9.353 min Scan# 1258

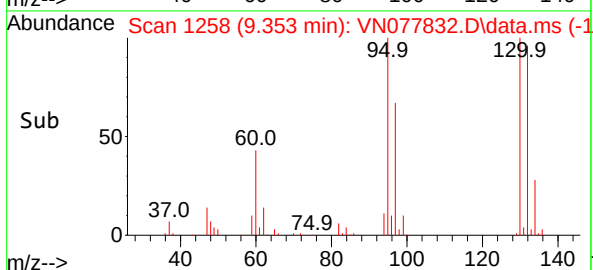
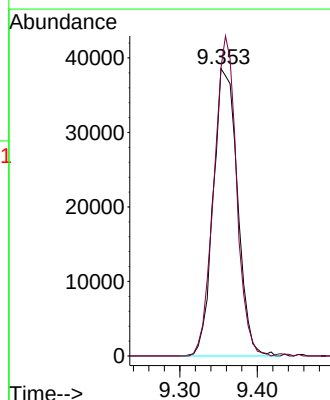
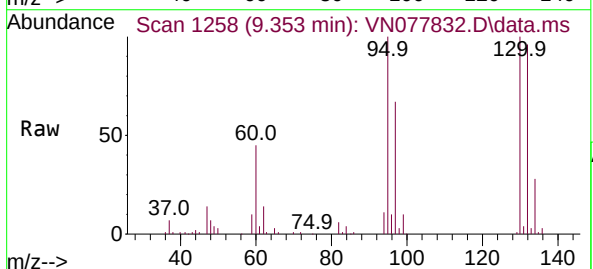
Delta R.T. -0.006 min

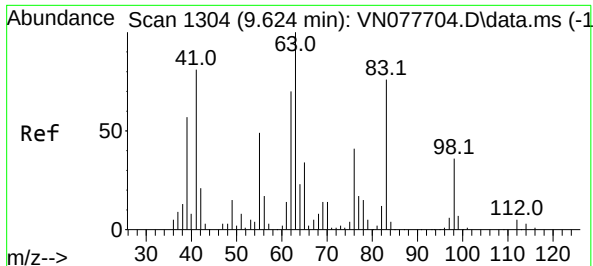
Lab File: VN077832.D

Acq: 24 May 2023 01:49

Tgt Ion:130 Resp: 84000

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	204.6





#45

1,2-Dichloropropane

Concen: 16.564 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

Tgt Ion: 63 Resp: 8499

Ion Ratio Lower Upper

63 100

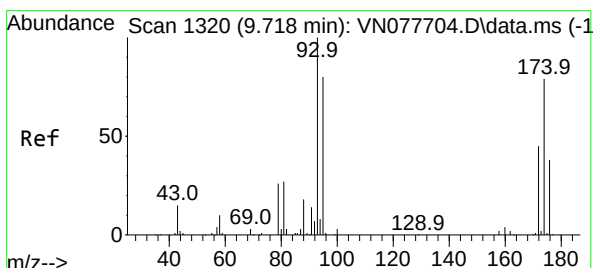
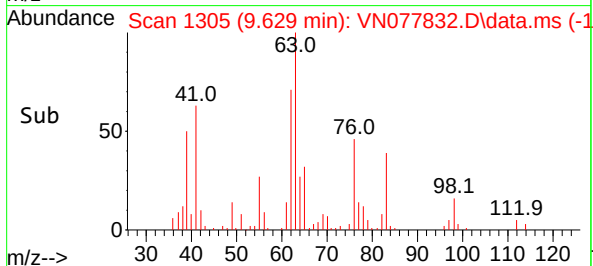
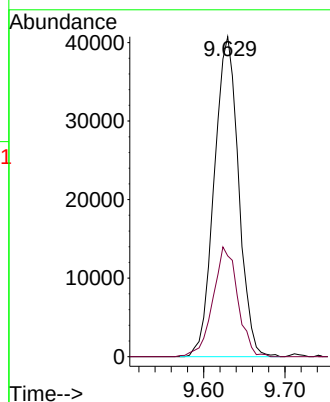
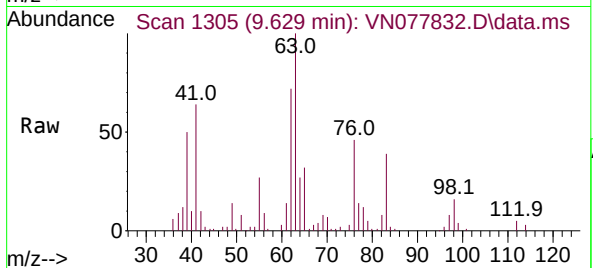
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 16.640 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

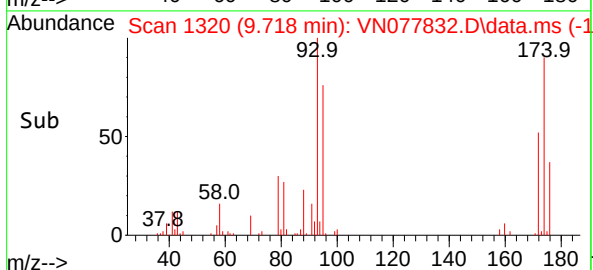
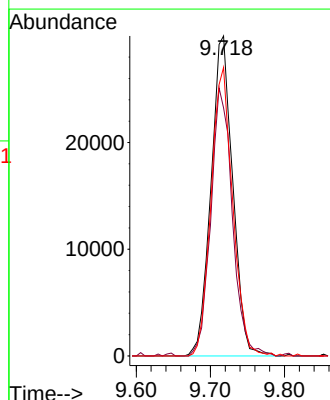
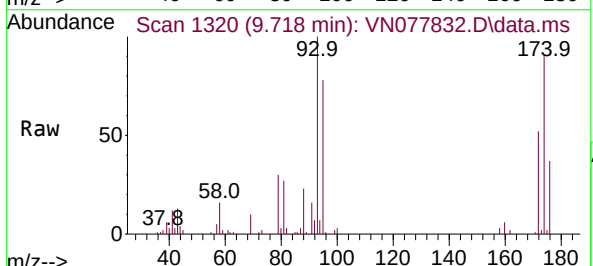
Tgt Ion: 93 Resp: 61099

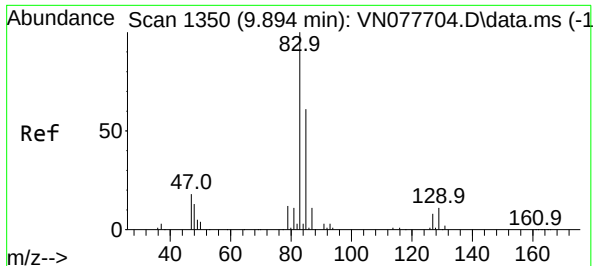
Ion Ratio Lower Upper

93 100

95 83.1 63.8 95.8

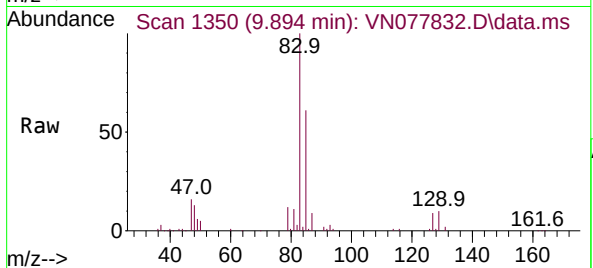
174 89.8 65.6 98.4





#47
Bromodichloromethane
Concen: 17.705 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

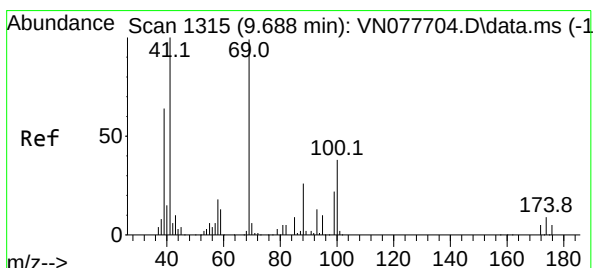
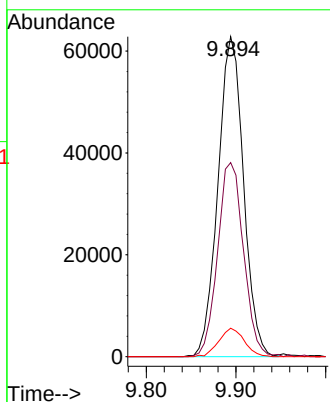
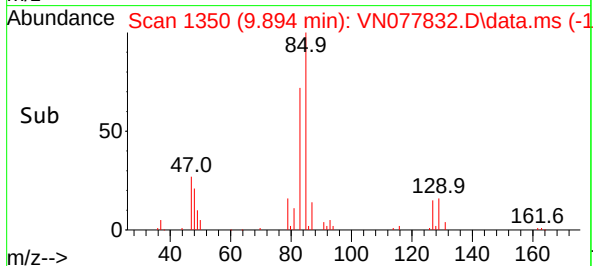
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



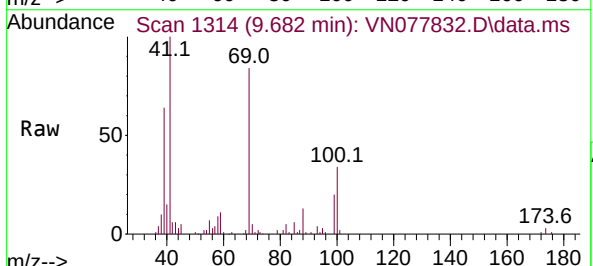
Tgt Ion: 83 Resp: 124462
Ion Ratio Lower Upper
83 100
85 60.7 49.6 74.4
127 8.9 7.0 10.6

Manual Integrations
APPROVED

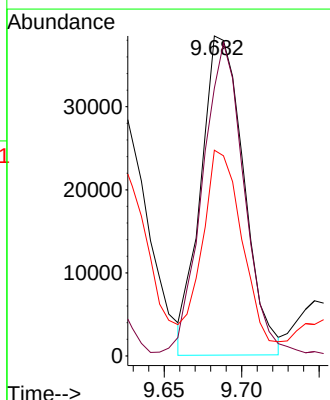
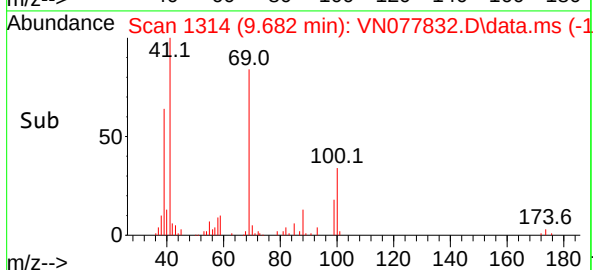
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

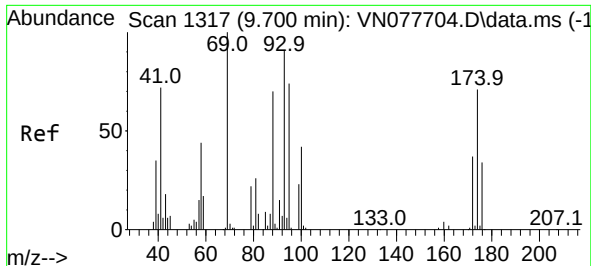


#48
Methyl methacrylate
Concen: 15.697 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



Tgt Ion: 41 Resp: 73864
Ion Ratio Lower Upper
41 100
69 97.4 90.4 135.6
39 61.3 54.6 81.8





#49

1,4-Dioxane

Concen: 345.566 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

Tgt Ion: 88 Resp: 30712

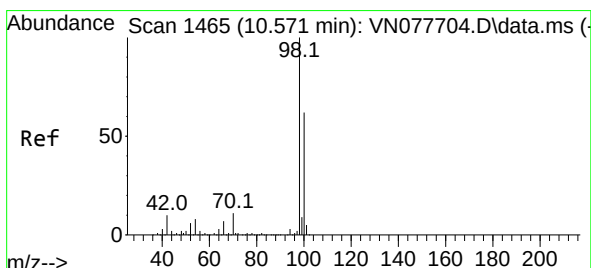
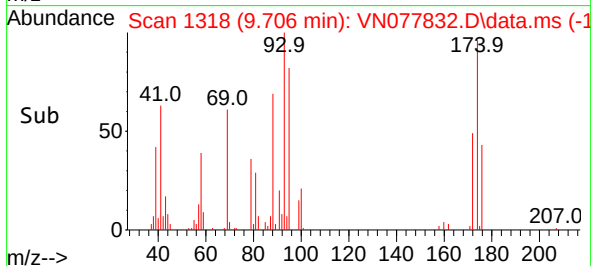
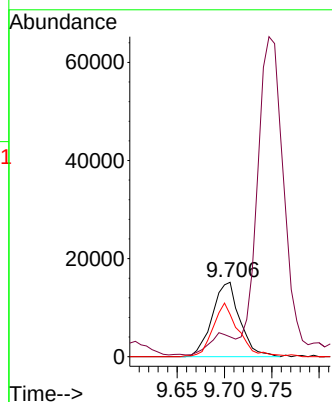
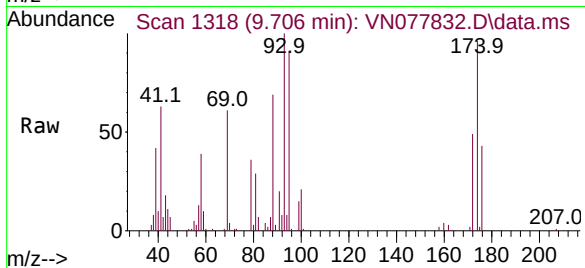
Ion	Ratio	Lower	Upper
88	100		
43	26.7	17.0	25.6
58	67.2	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

Toluene-d8

Concen: 49.771 ug/l

RT: 10.576 min Scan# 1466

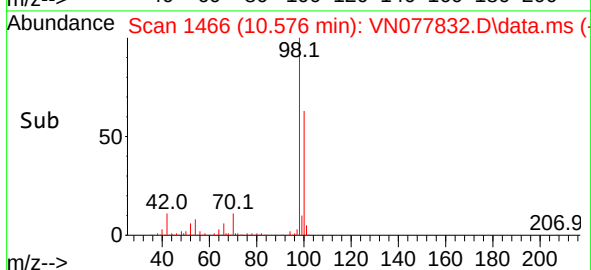
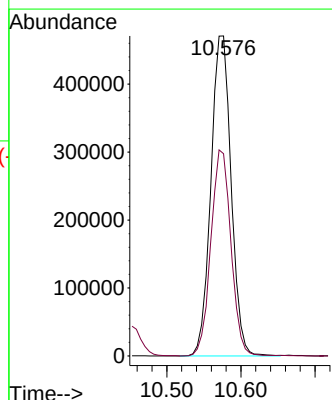
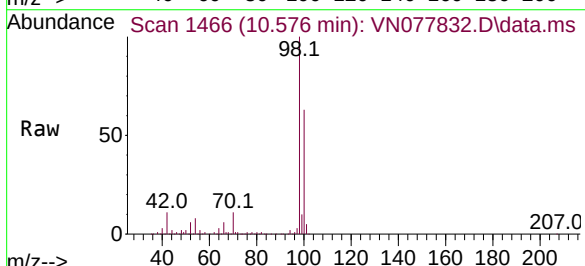
Delta R.T. 0.005 min

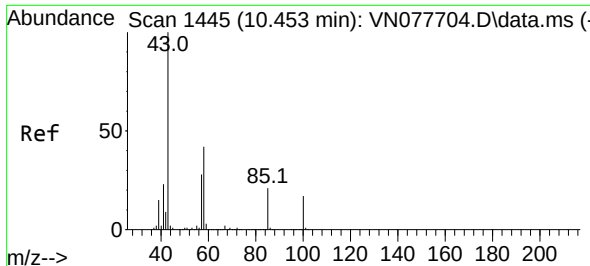
Lab File: VN077832.D

Acq: 24 May 2023 01:49

Tgt Ion: 98 Resp: 892872

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0





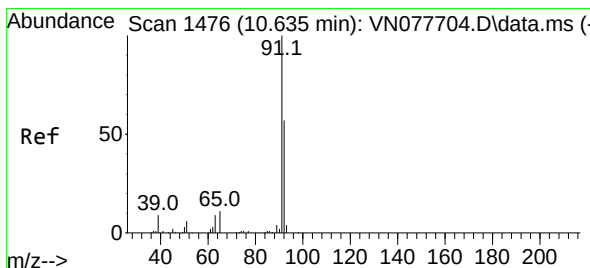
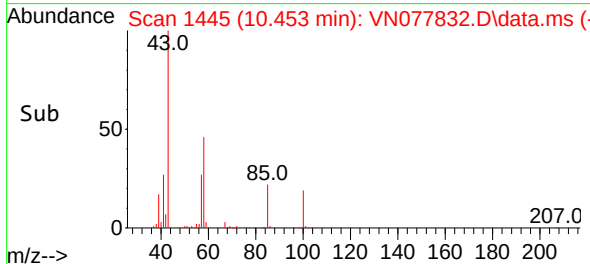
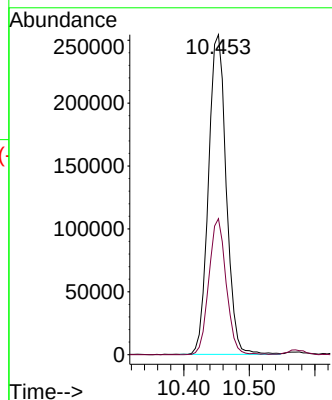
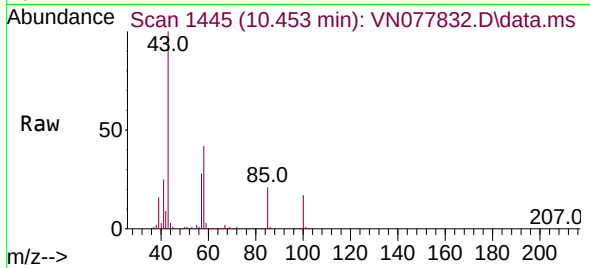
#51
4-Methyl-2-Pentanone
Concen: 81.167 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02

Tgt Ion: 43 Resp: 47883
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

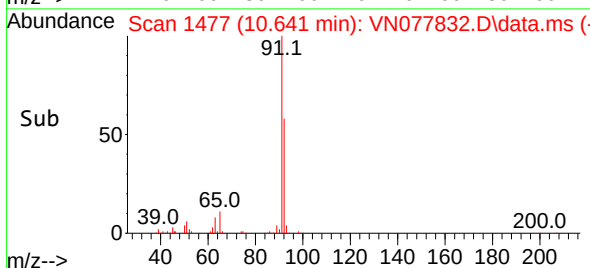
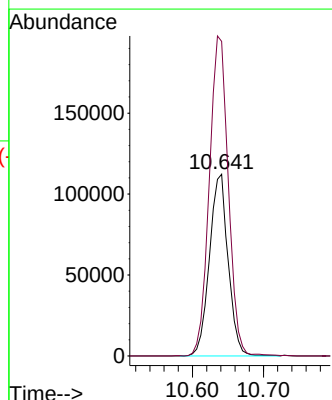
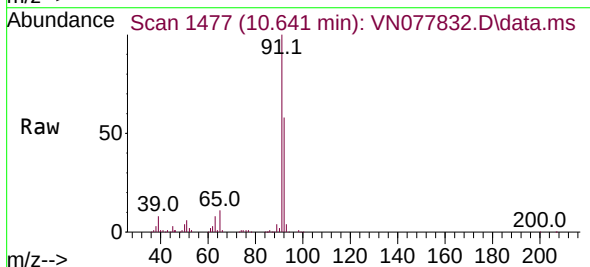
Manual Integrations
APPROVED

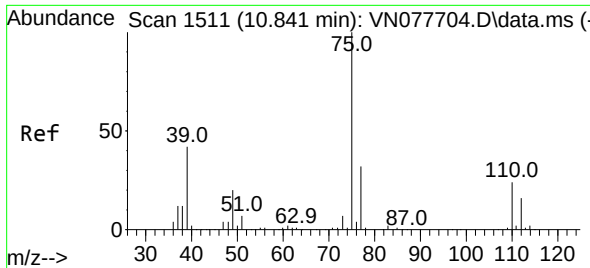
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 16.351 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Tgt Ion: 92 Resp: 204777
Ion Ratio Lower Upper
92 100
91 179.5 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 15.521 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077832.D
 Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

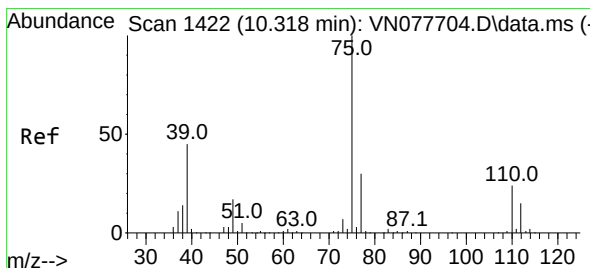
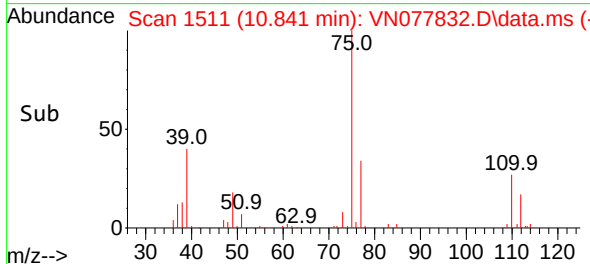
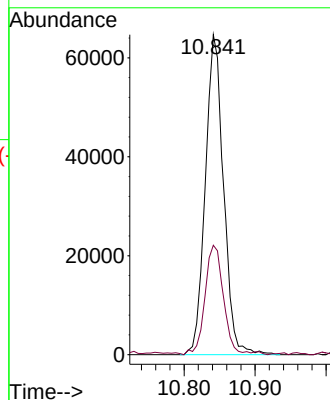
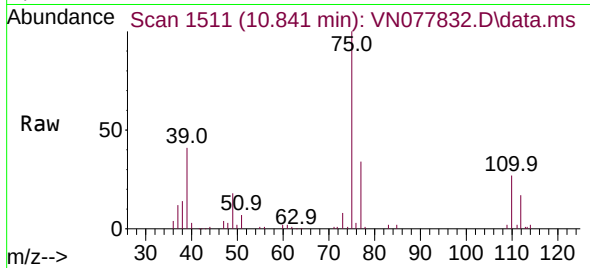
VN0523WBSD02

Tgt Ion: 75 Resp: 11554
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.4 38.0

Manual Integrations

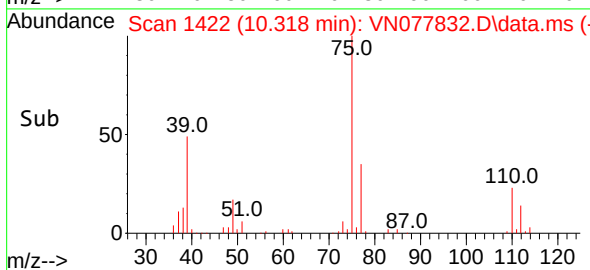
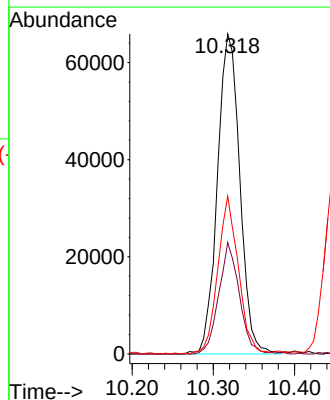
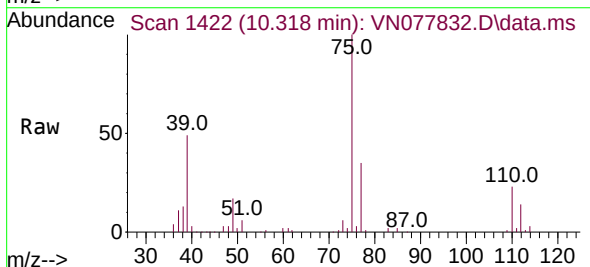
APPROVED

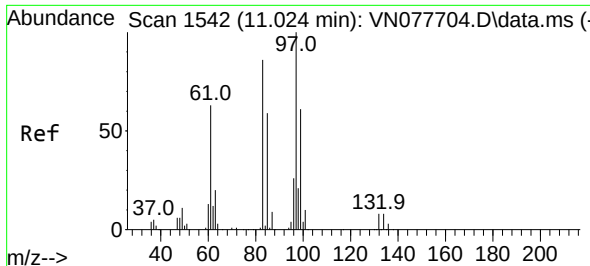
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#54
 cis-1,3-Dichloropropene
 Concen: 15.441 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077832.D
 Acq: 24 May 2023 01:49

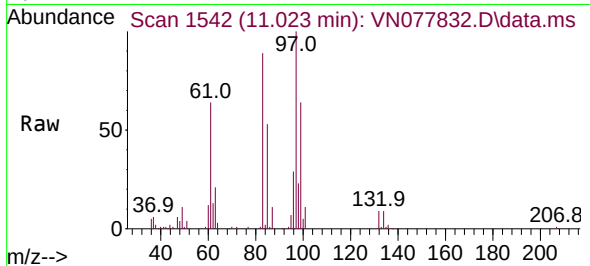
Tgt Ion: 75 Resp: 126673
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.1 39.1
 39 49.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 17.630 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

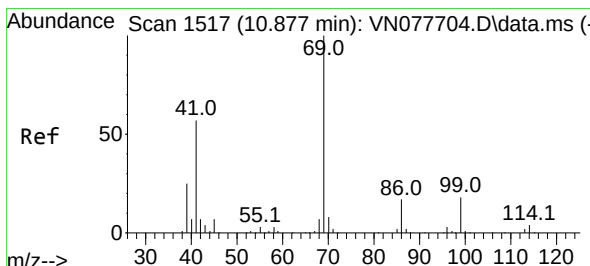
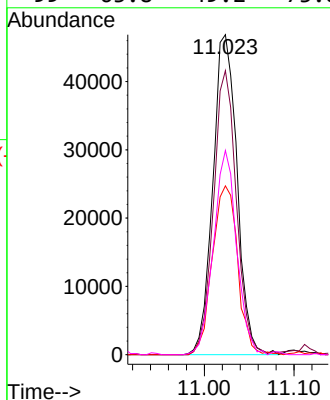
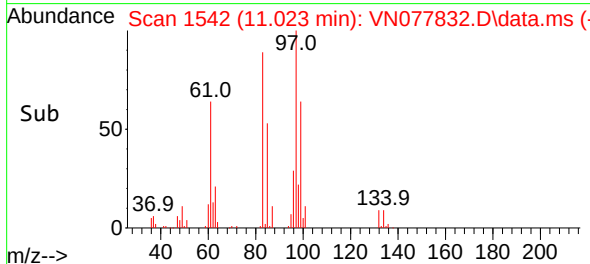
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



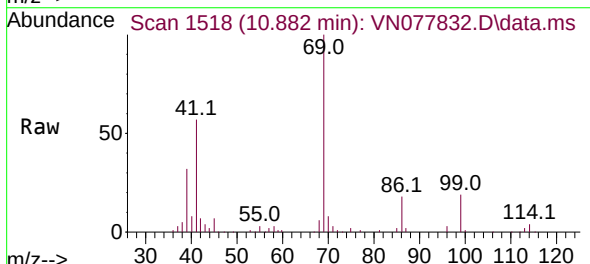
Tgt Ion:	97	Resp:	8766
Ion Ratio	100	Lower	Upper
97	100		
83	88.8	65.1	97.7
85	52.7	43.4	65.2
99	63.8	49.2	73.8

Manual Integrations
APPROVED

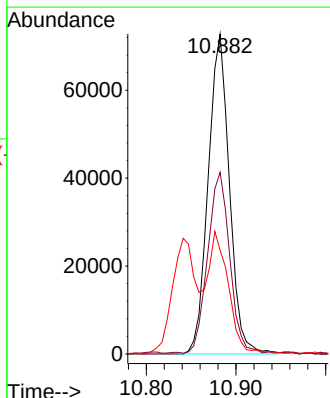
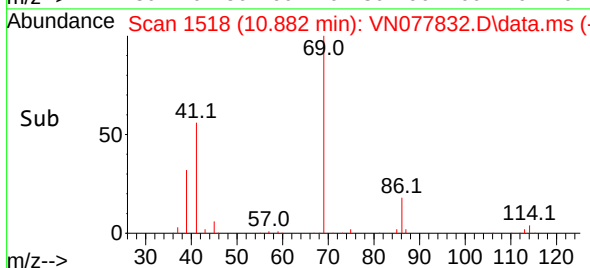
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

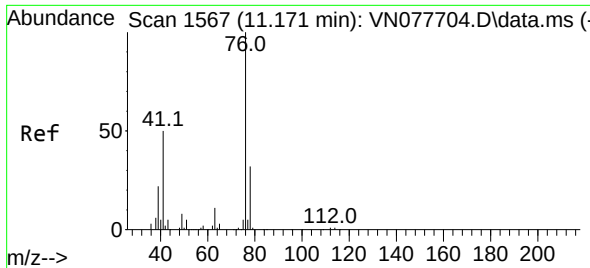


#56
Ethyl methacrylate
Concen: 15.897 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



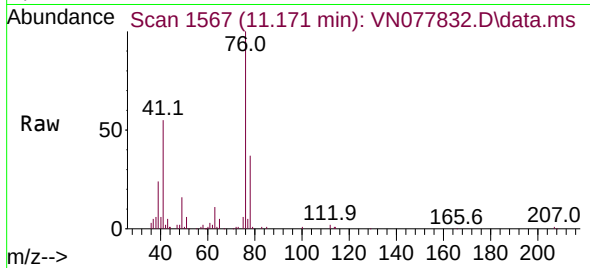
Tgt Ion:	69	Resp:	119529
Ion Ratio	100	Lower	Upper
69	100		
41	58.2	39.6	59.4
39	39.0	28.6	43.0





#57
1,3-Dichloropropane
Concen: 16.998 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

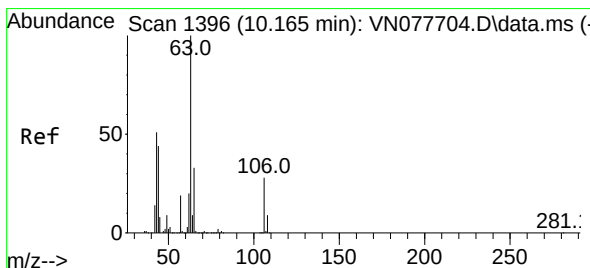
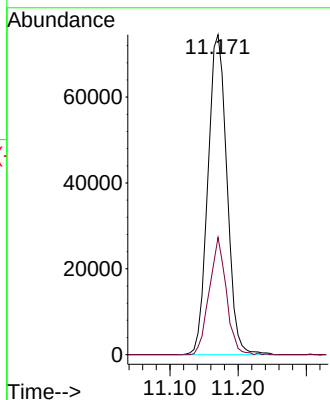
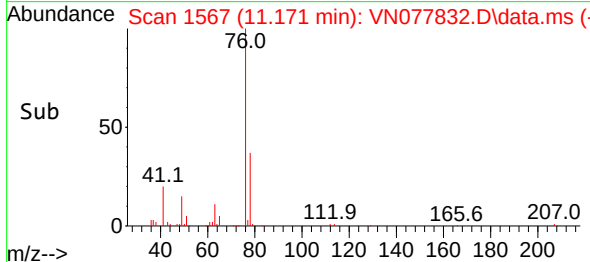
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



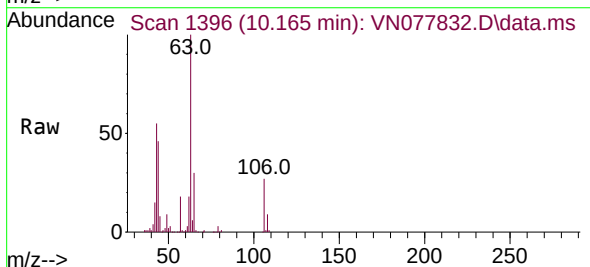
Tgt Ion: 76 Resp: 144900
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

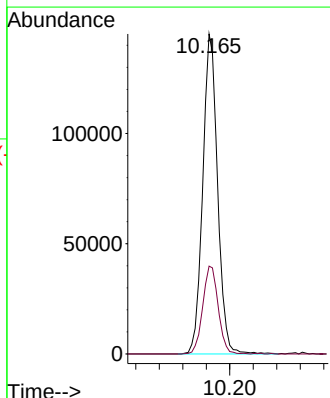
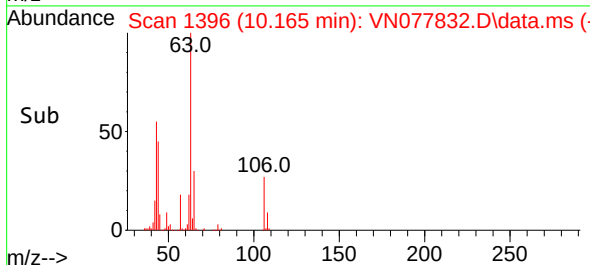
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

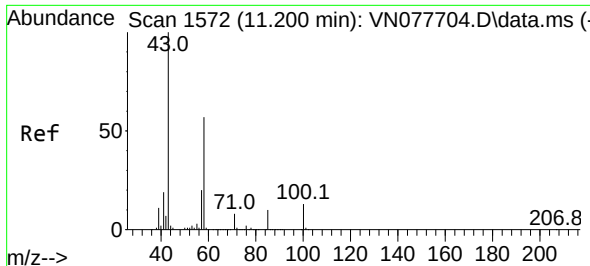


#58
2-Chloroethyl Vinyl ether
Concen: 68.931 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



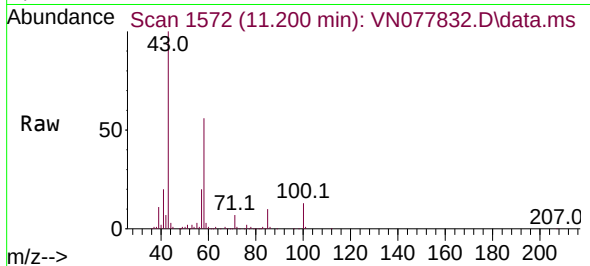
Tgt Ion: 63 Resp: 254969
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 74.952 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

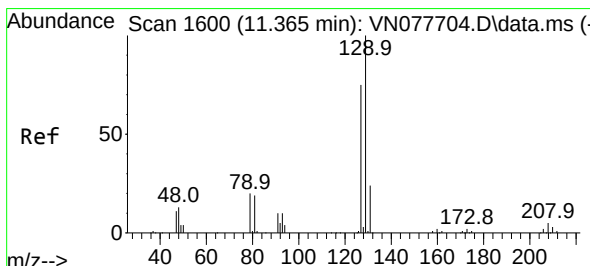
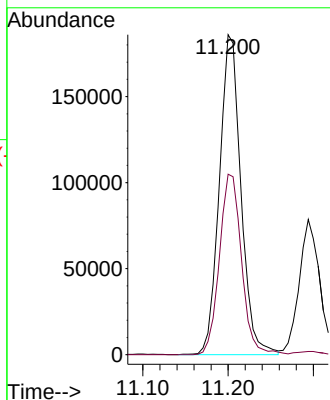
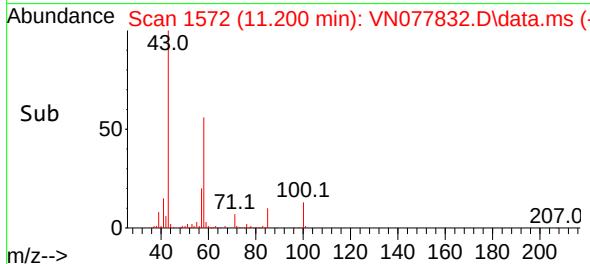
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion: 43 Resp: 327050
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1

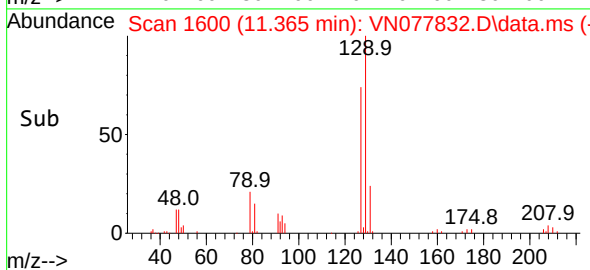
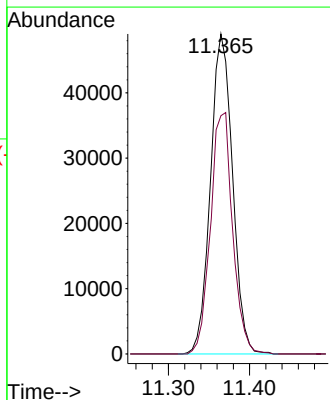
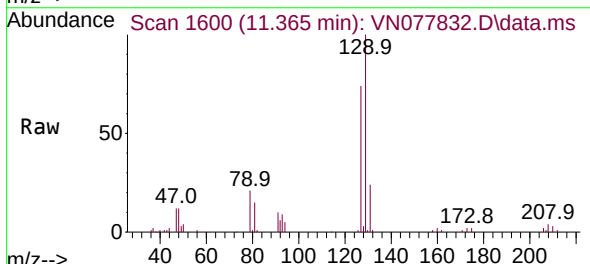
Manual Integrations
APPROVED

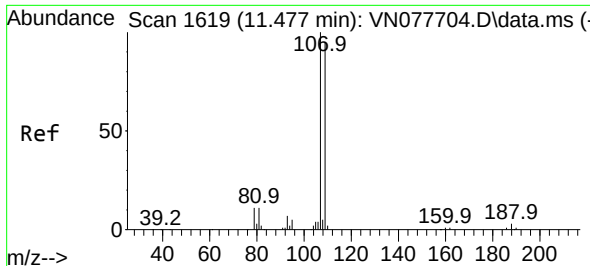
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 18.040 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

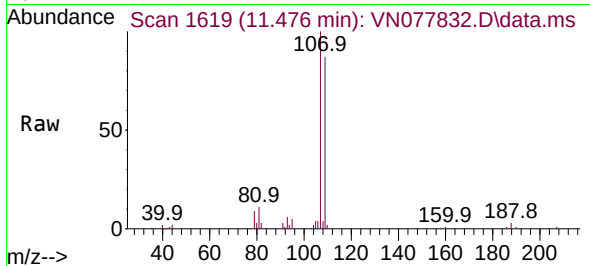
Tgt Ion:129 Resp: 92608
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.809 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

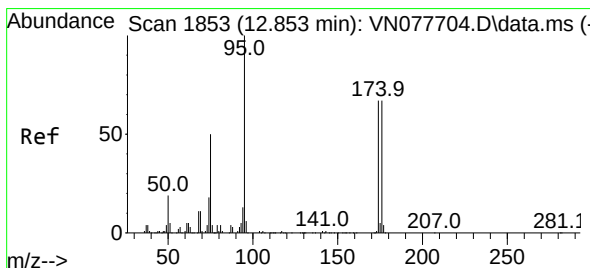
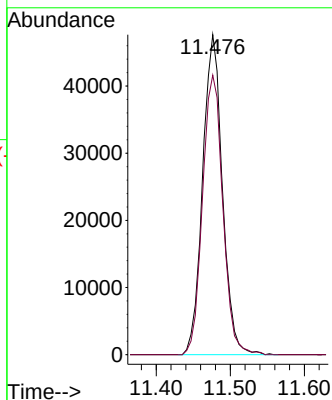
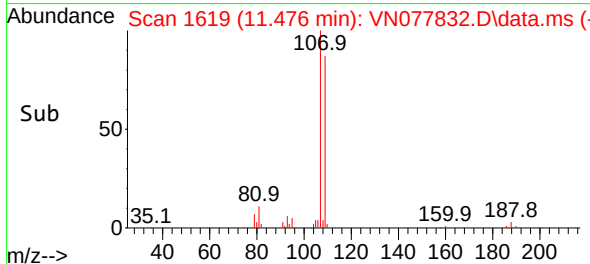
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion: 107 Resp: 88350
Ion Ratio Lower Upper
107 100
109 89.8 76.6 114.8

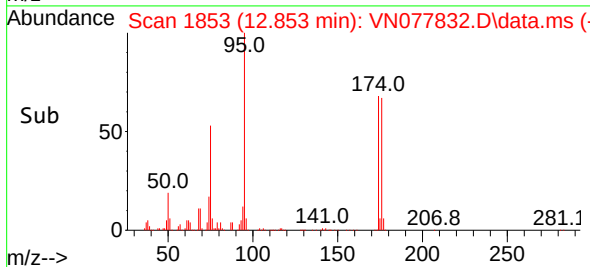
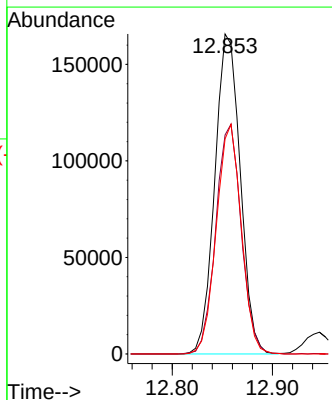
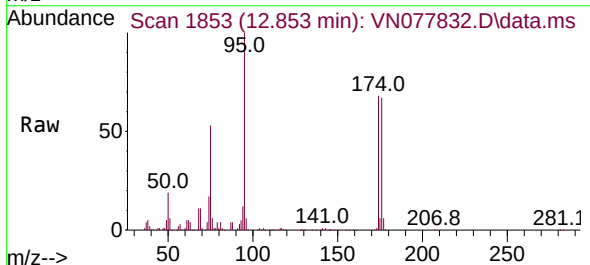
Manual Integrations
APPROVED

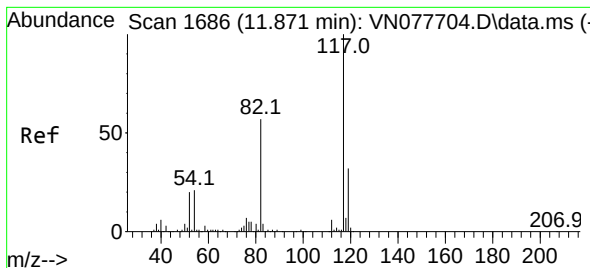
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
4-Bromofluorobenzene
Concen: 46.100 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

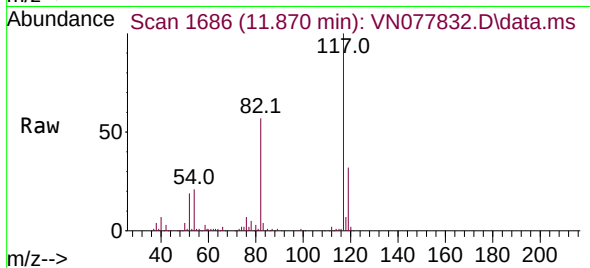
Tgt Ion: 95 Resp: 292088
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.8
176 70.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

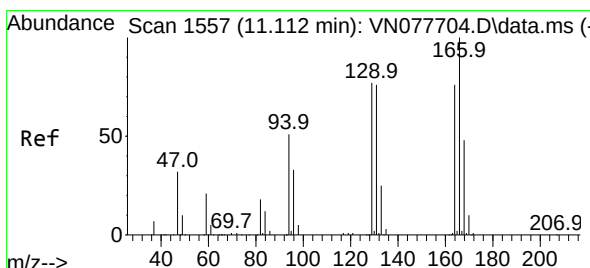
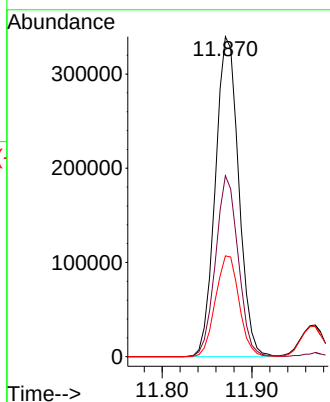
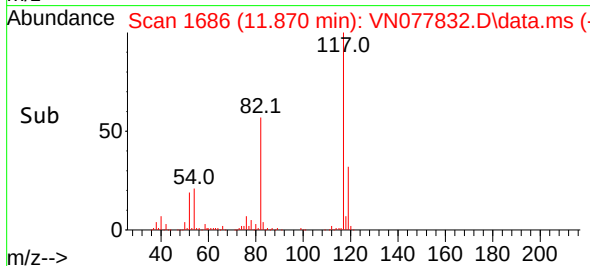
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion:117 Resp: 614098
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 31.5 25.6 38.4

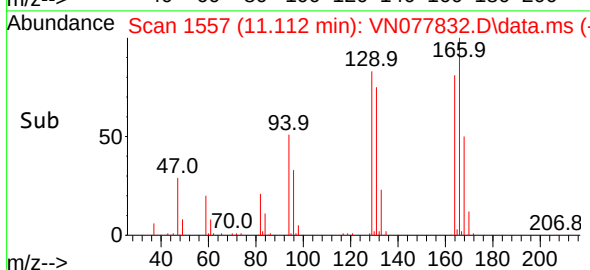
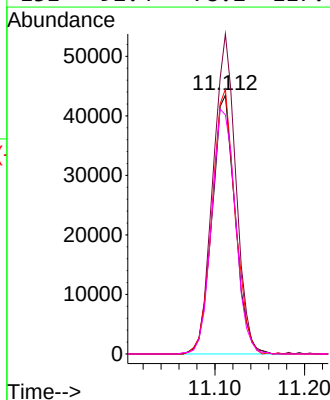
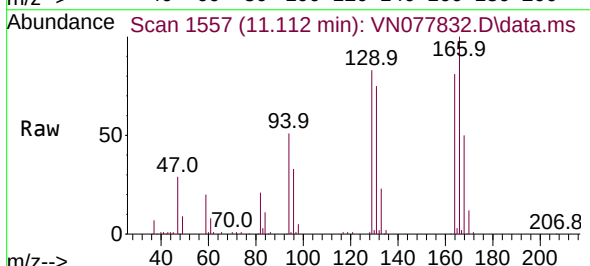
Manual Integrations
APPROVED

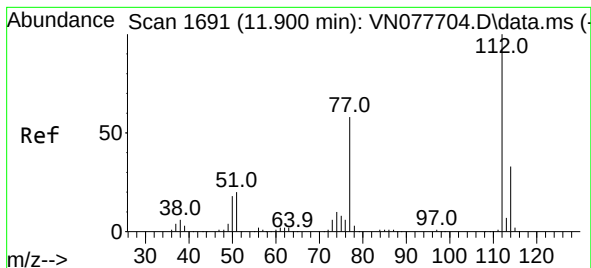
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 18.015 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

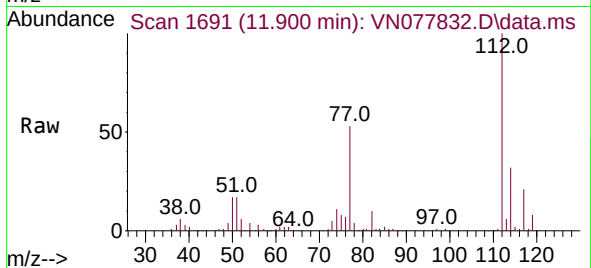
Tgt Ion:164 Resp: 77366
Ion Ratio Lower Upper
164 100
166 123.7 101.4 152.0
129 102.4 82.4 123.6
131 92.4 78.2 117.4





#65
Chlorobenzene
Concen: 16.963 ug/l
RT: 11.900 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

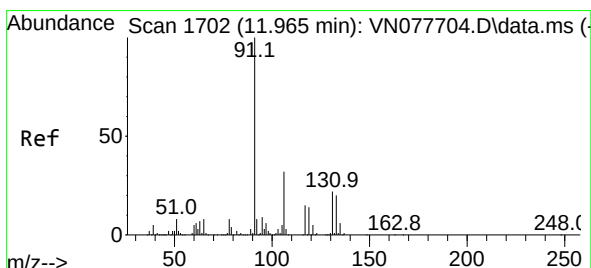
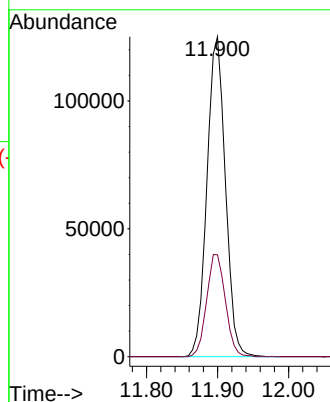
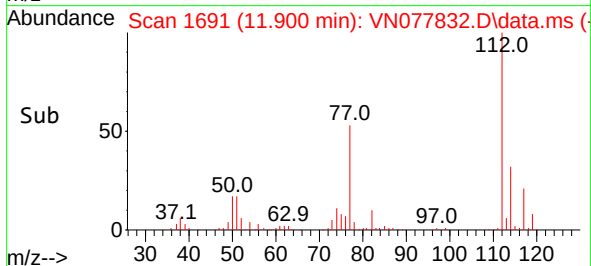
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion:112 Resp: 22582
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

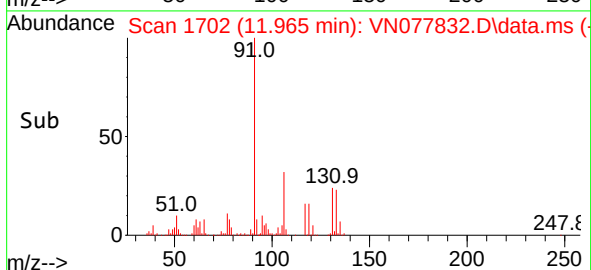
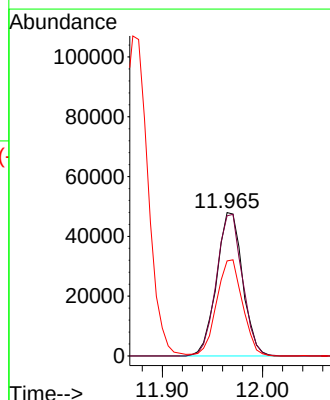
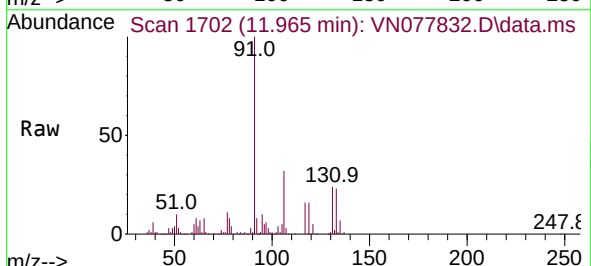
Manual Integrations
APPROVED

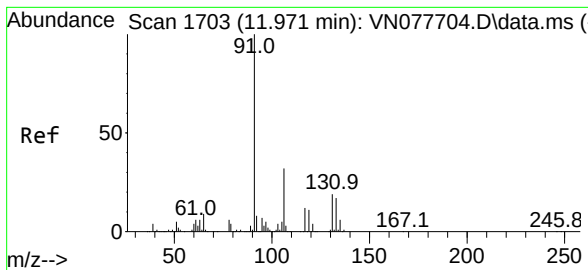
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.786 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

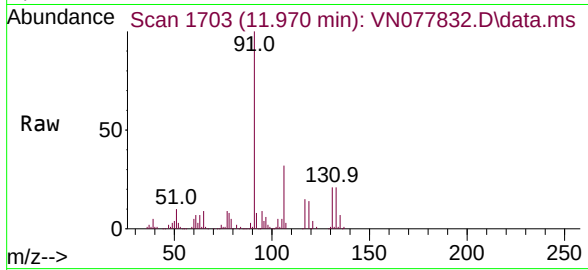
Tgt Ion:131 Resp: 86537
Ion Ratio Lower Upper
131 100
133 98.5 46.4 139.1
119 66.7 34.1 102.2





#67
Ethyl Benzene
Concen: 16.260 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

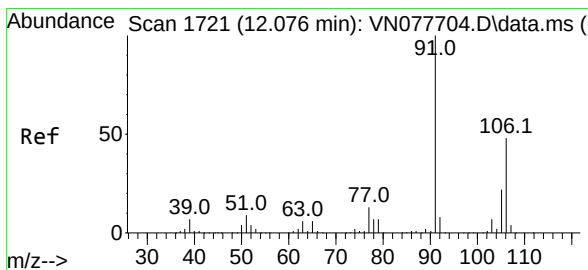
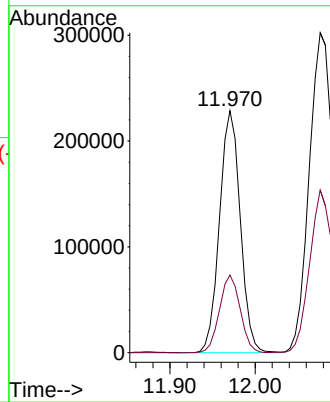
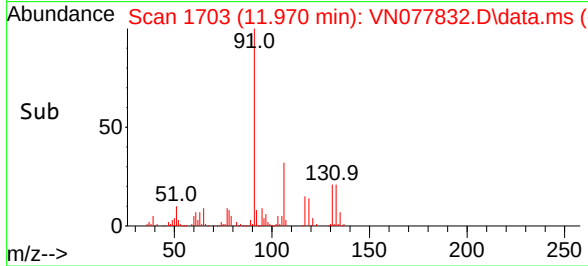
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



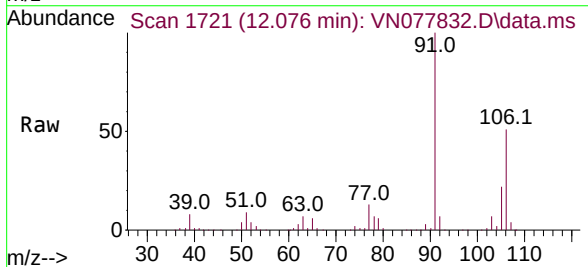
Tgt Ion: 91 Resp: 387932
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

Manual Integrations
APPROVED

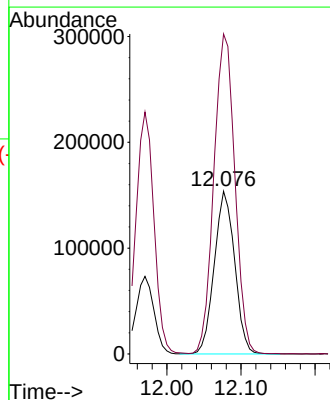
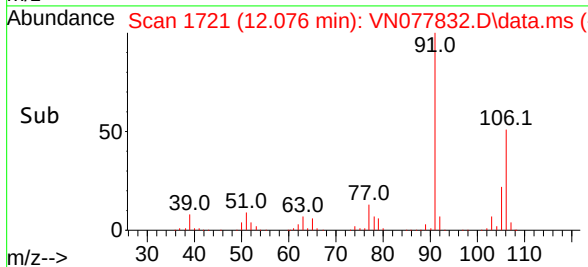
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

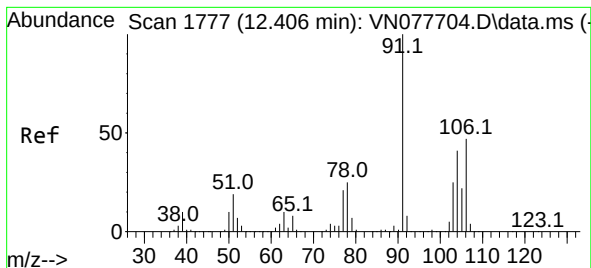


#68
m/p-Xylenes
Concen: 32.514 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



Tgt Ion:106 Resp: 293923
Ion Ratio Lower Upper
106 100
91 202.8 159.6 239.4





#69

o-Xylene

Concen: 16.837 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

Tgt Ion:106 Resp: 14968

Ion Ratio Lower Upper

106 100

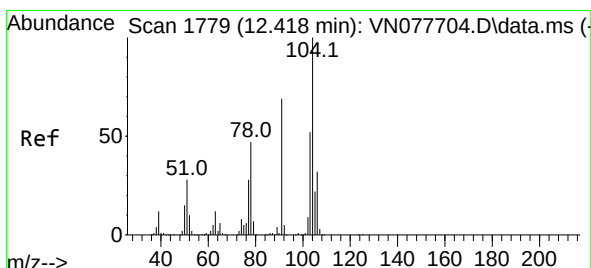
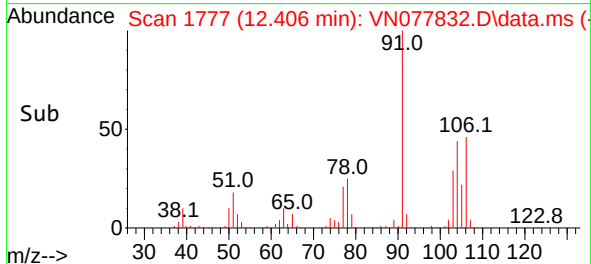
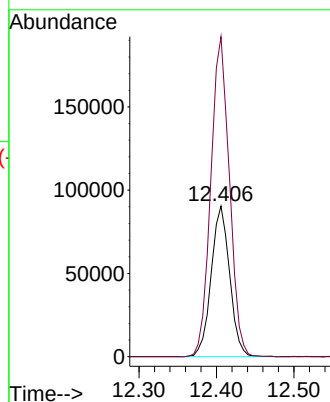
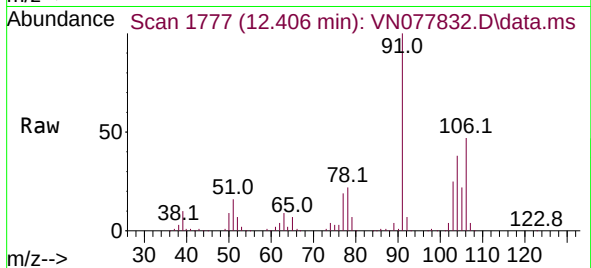
91 214.4 105.2 315.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#70

Styrene

Concen: 16.617 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

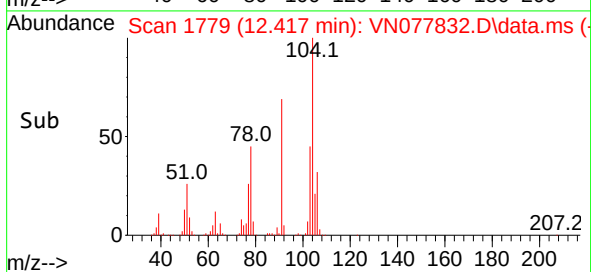
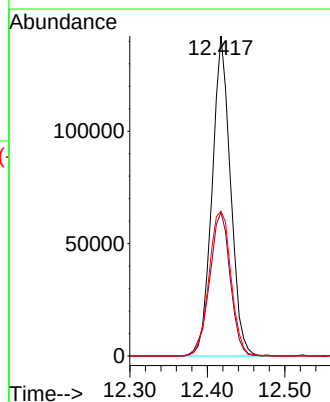
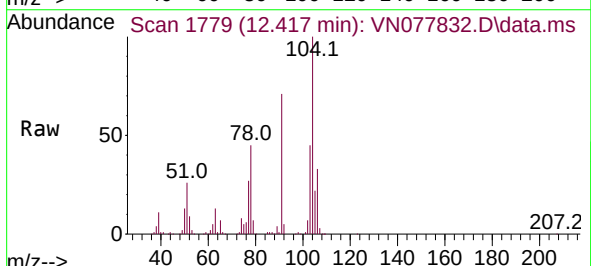
Tgt Ion:104 Resp: 234679

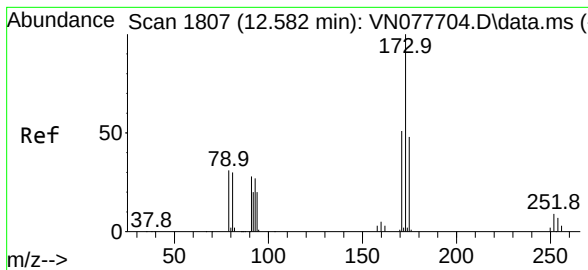
Ion Ratio Lower Upper

104 100

78 50.1 39.5 59.3

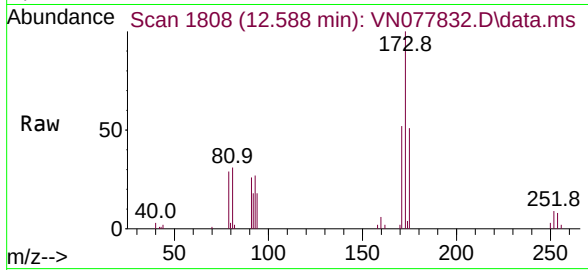
103 54.0 43.2 64.8





#71
Bromoform
Concen: 17.977 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

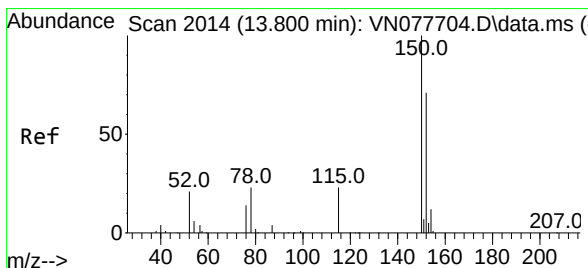
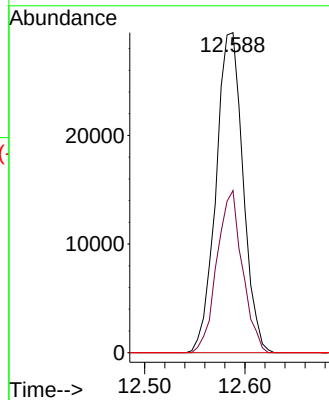
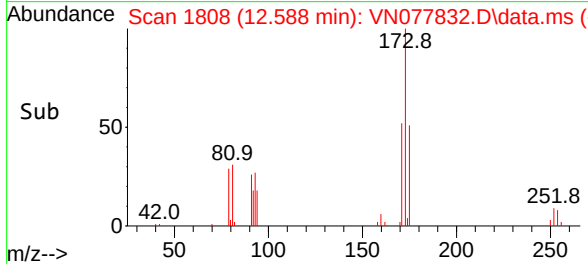
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



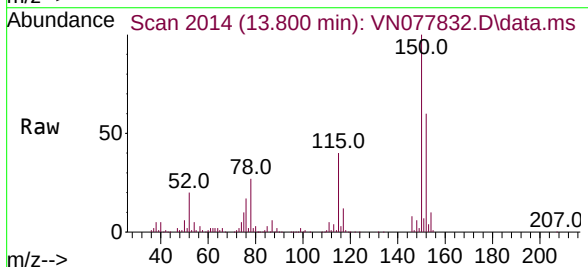
Tgt Ion:173 Resp: 55088
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

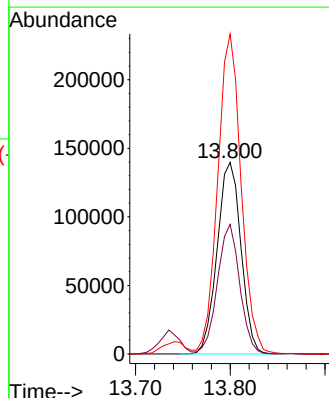
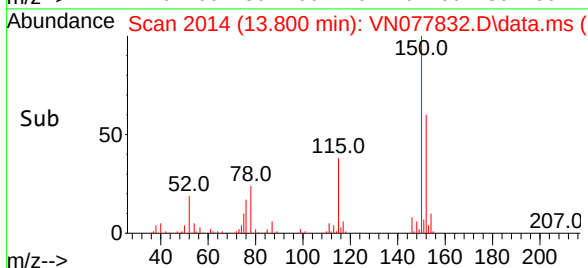
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

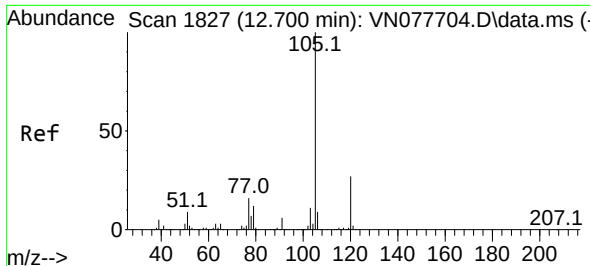


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



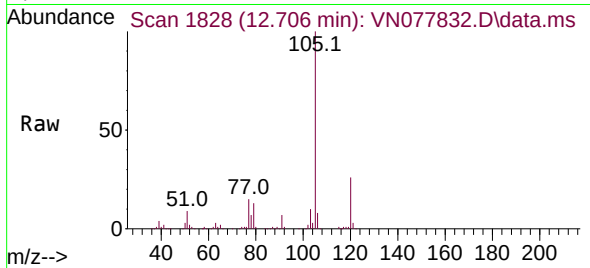
Tgt Ion:152 Resp: 243829
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 164.4 0.0 355.8





#73
Isopropylbenzene
Concen: 18.391 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

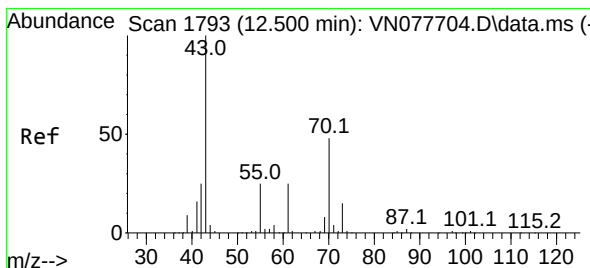
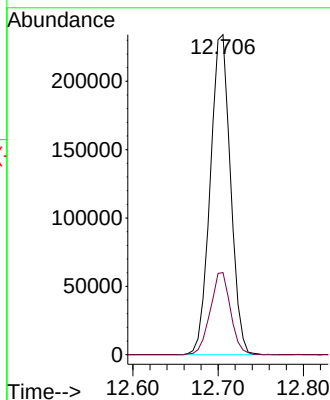
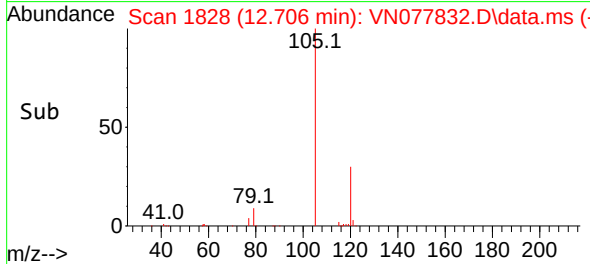
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion:105 Resp: 386549
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

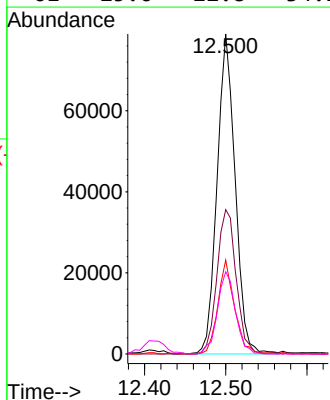
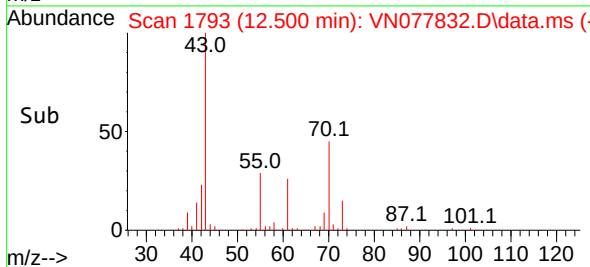
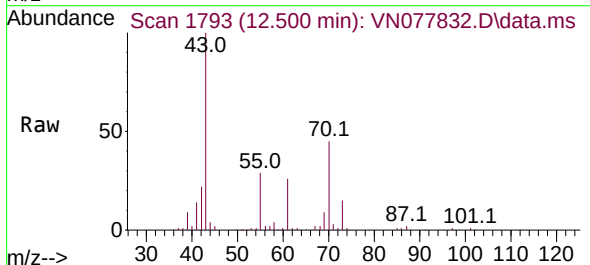
Manual Integrations
APPROVED

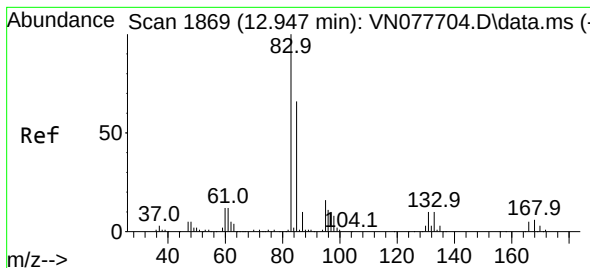
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#74
N-ethyl acetate
Concen: 15.759 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

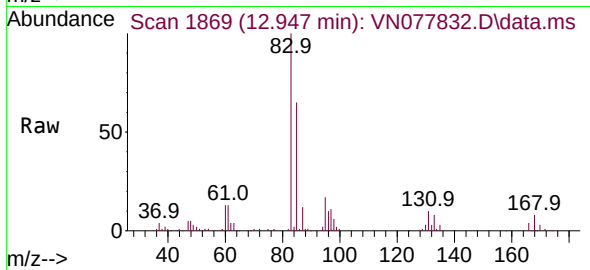
Tgt Ion: 43 Resp: 122433
Ion Ratio Lower Upper
43 100
70 47.8 43.4 65.2
55 27.1 21.4 32.0
61 25.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.098 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

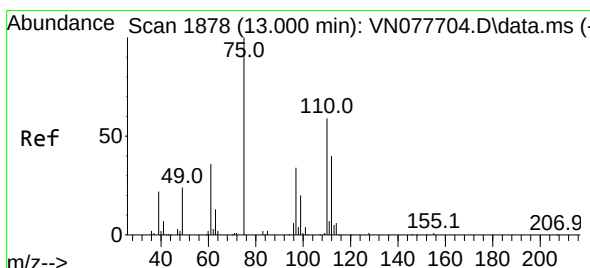
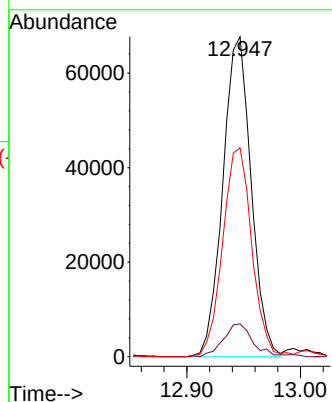
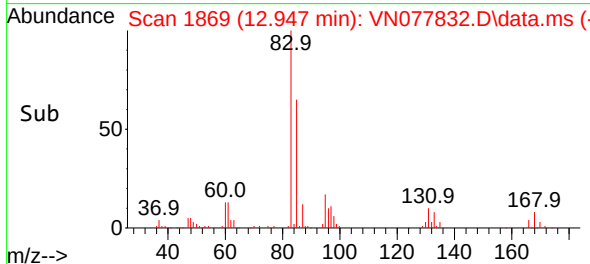
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



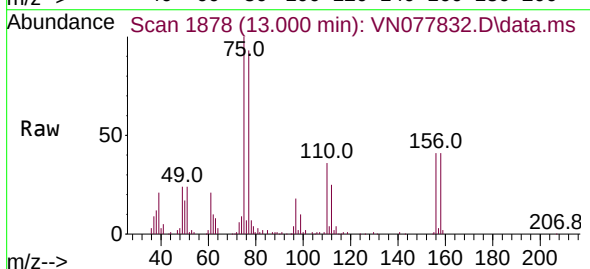
Tgt Ion: 83 Resp: 11702
Ion Ratio Lower Upper
83 100
131 10.9 5.0 15.0
85 67.3 31.9 95.7

Manual Integrations
APPROVED

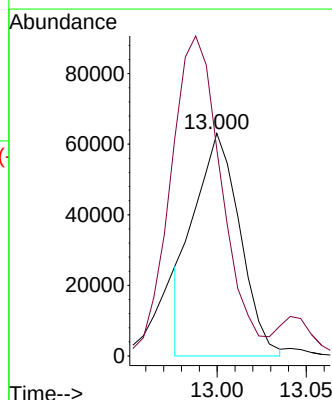
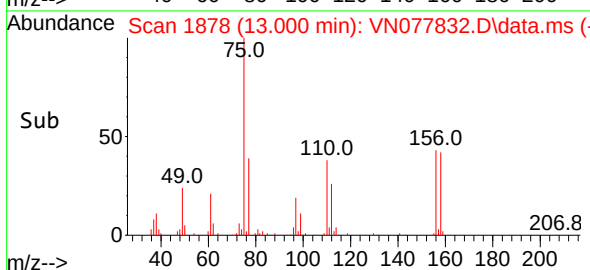
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

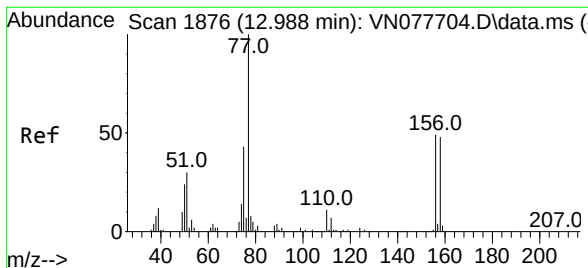


#76
1,2,3-Trichloropropane
Concen: 18.569 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



Tgt Ion: 75 Resp: 113386
Ion Ratio Lower Upper
75 100
77 160.5 84.5 253.5





#77

Bromobenzene

Concen: 17.732 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

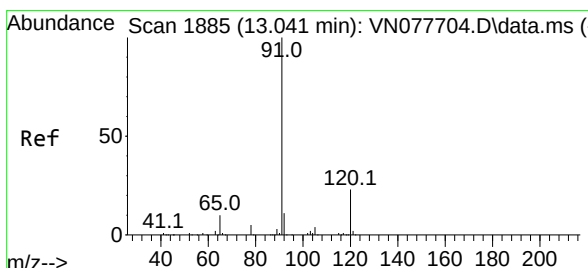
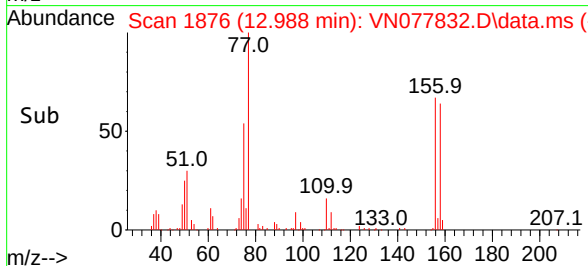
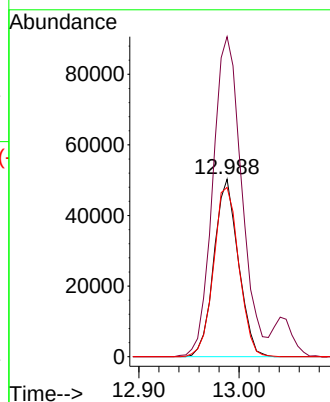
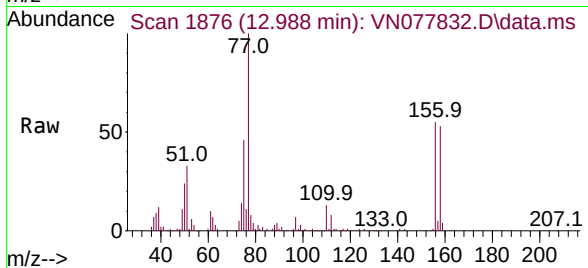
Tgt Ion:	156	Resp:	8505
Ion Ratio	Lower	Upper	
156	100		
77	214.0	107.7	323.3
158	98.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#78

n-propylbenzene

Concen: 16.979 ug/l

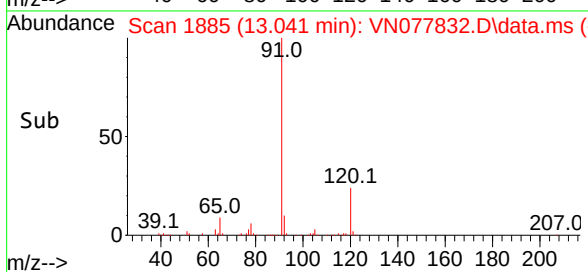
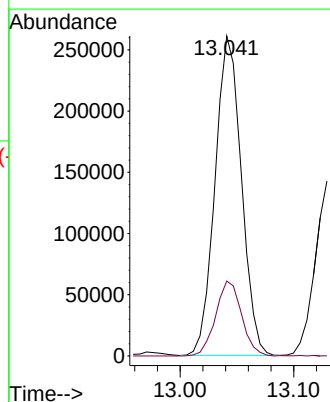
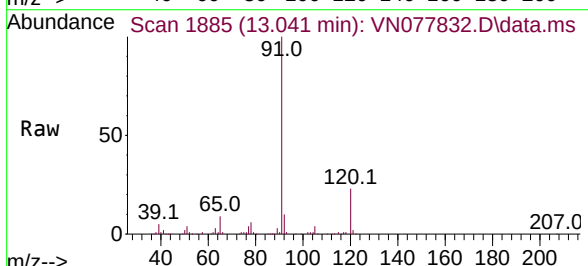
RT: 13.041 min Scan# 1885

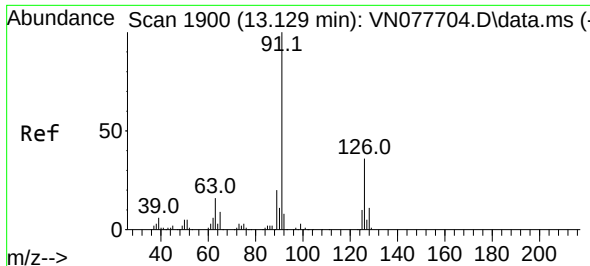
Delta R.T. -0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Tgt Ion:	91	Resp:	420720
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





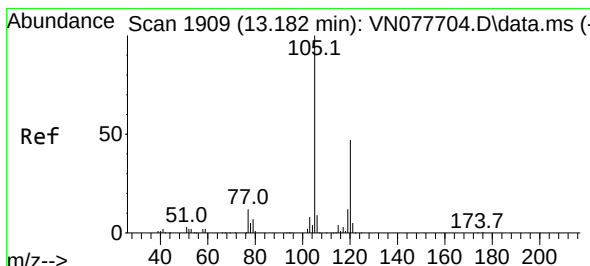
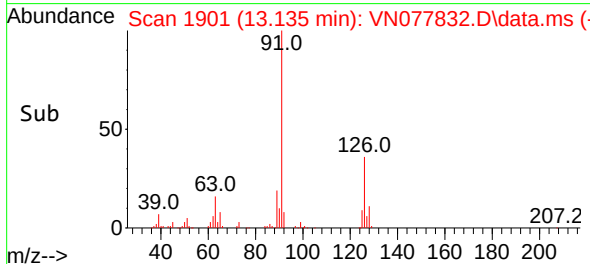
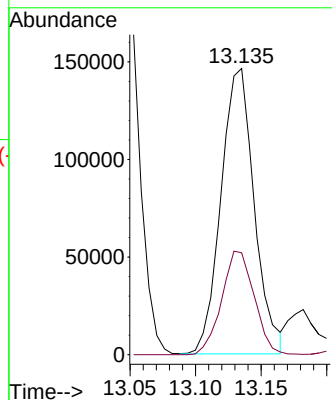
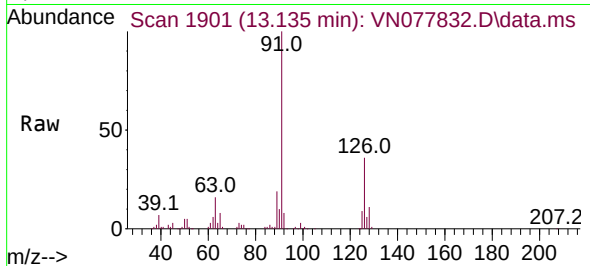
#79
2-Chlorotoluene
Concen: 17.476 ug/l
RT: 13.135 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02

Tgt Ion: 91 Resp: 25840
Ion Ratio Lower Upper
91 100
126 35.5 16.3 48.8

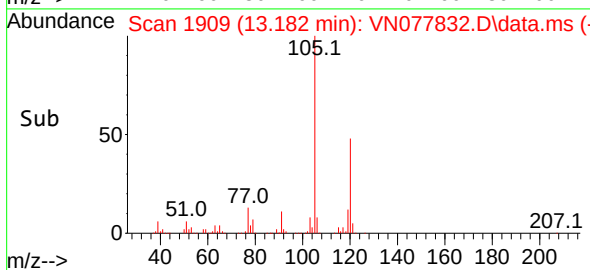
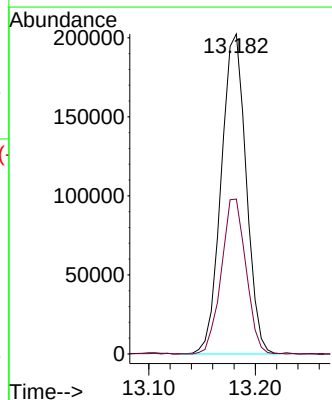
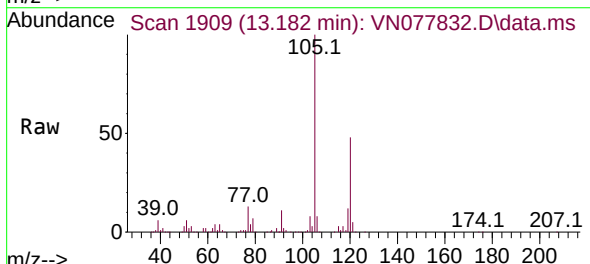
Manual Integrations
APPROVED

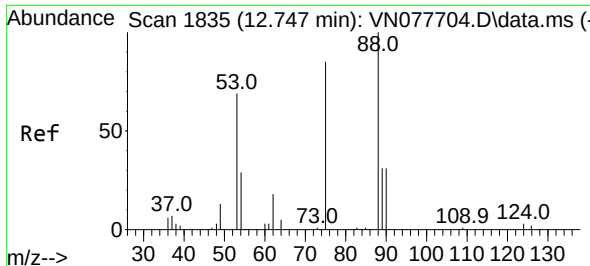
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.632 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Tgt Ion:105 Resp: 329134
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





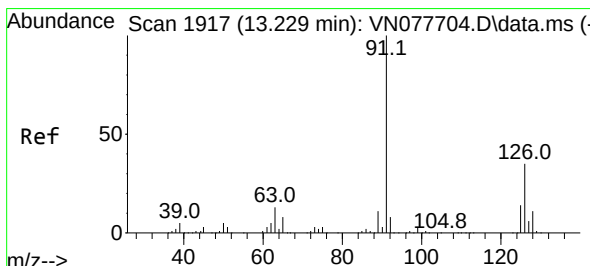
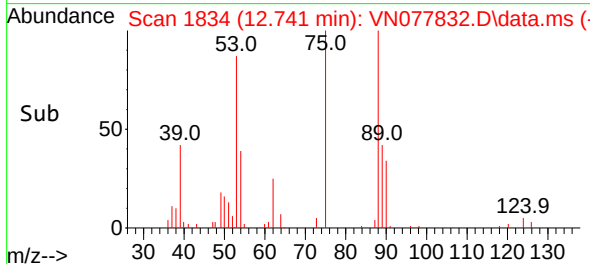
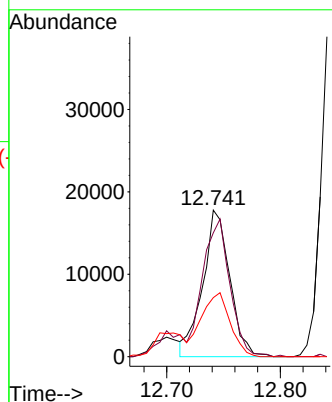
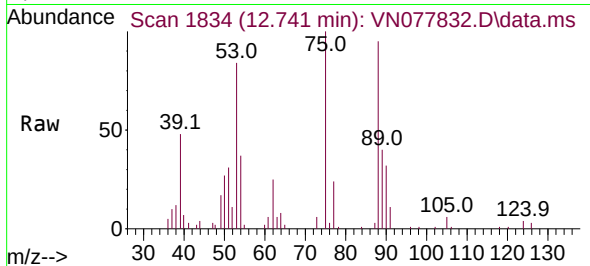
#81
trans-1,4-Dichloro-2-butene
Concen: 15.387 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02

Tgt Ion: 75 Resp: 29394
Ion Ratio Lower Upper
75 100
53 94.6 67.4 101.2
89 46.6 38.8 58.2

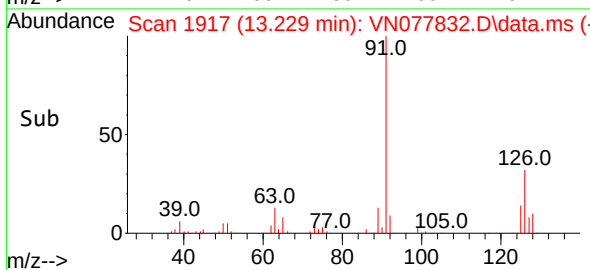
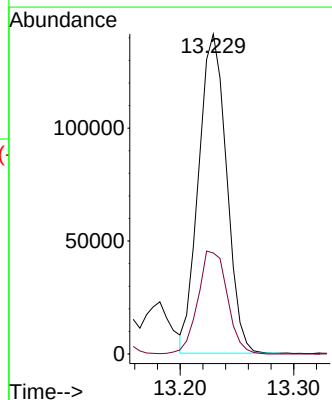
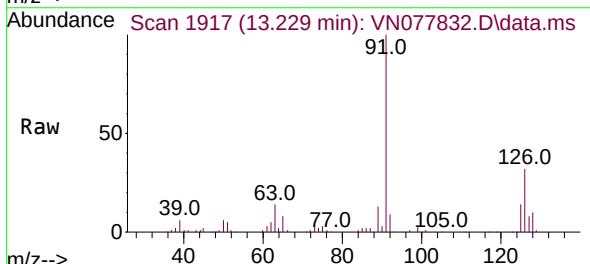
Manual Integrations
APPROVED

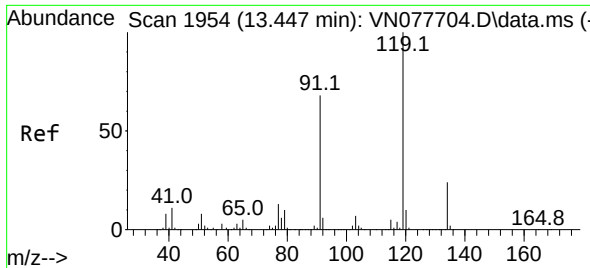
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#82
4-Chlorotoluene
Concen: 16.395 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Tgt Ion: 91 Resp: 241192
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0





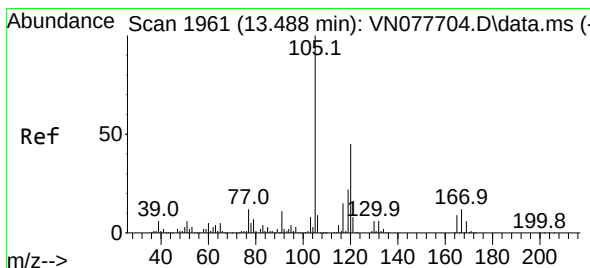
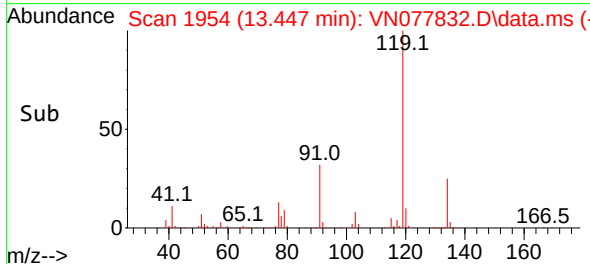
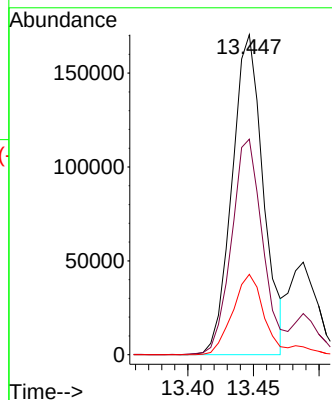
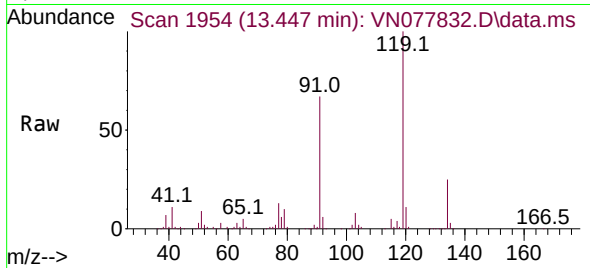
#83
tert-Butylbenzene
Concen: 18.328 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02

Tgt Ion:119 Resp: 282639
Ion Ratio Lower Upper
119 100
91 68.1 33.9 101.7
134 25.0 13.2 39.6

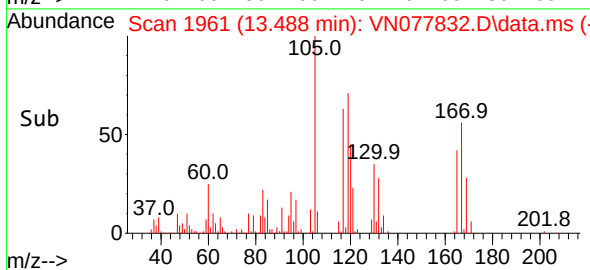
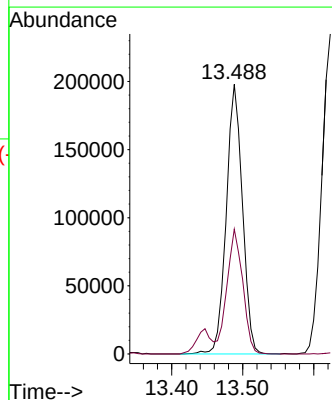
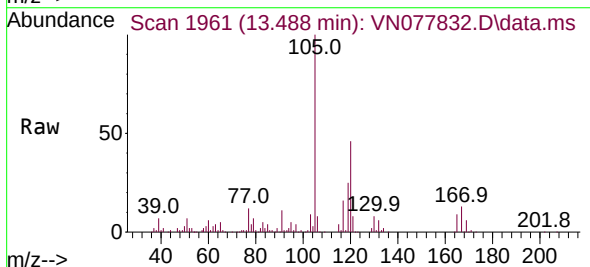
Manual Integrations
APPROVED

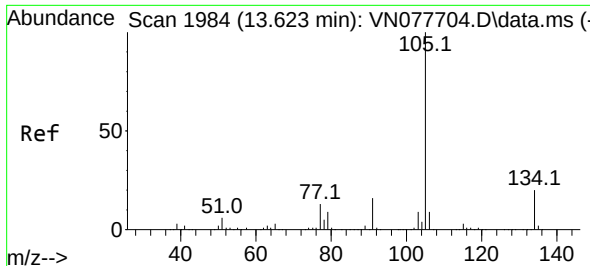
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.978 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

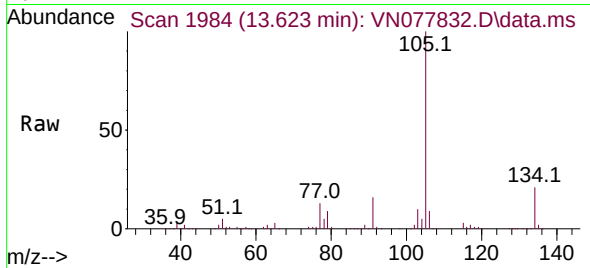
Tgt Ion:105 Resp: 312341
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.561 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077832.D
 Acq: 24 May 2023 01:49

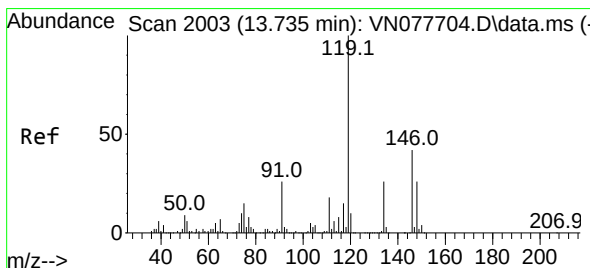
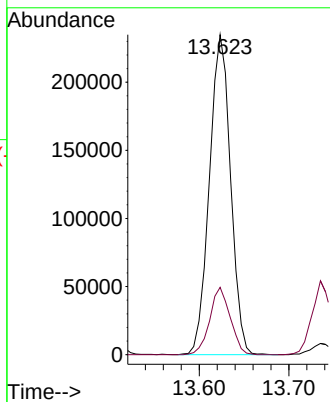
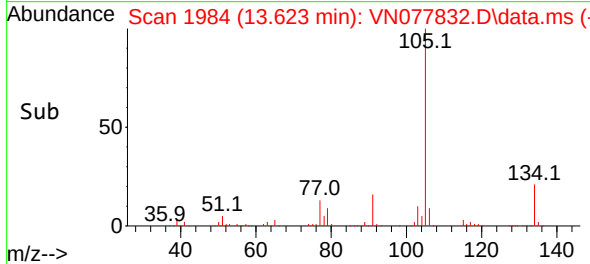
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD02



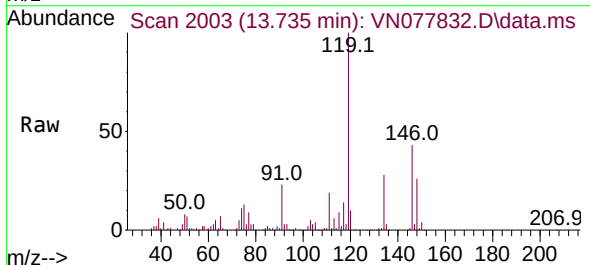
Tgt Ion:105 Resp: 384869
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

Manual Integrations
 APPROVED

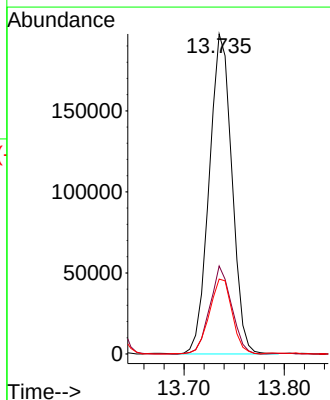
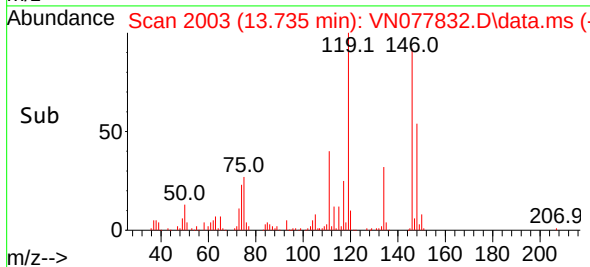
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

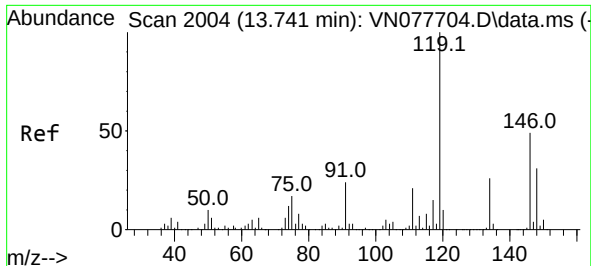


#86
 p-Isopropyltoluene
 Concen: 17.813 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077832.D
 Acq: 24 May 2023 01:49



Tgt Ion:119 Resp: 311246
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.897 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

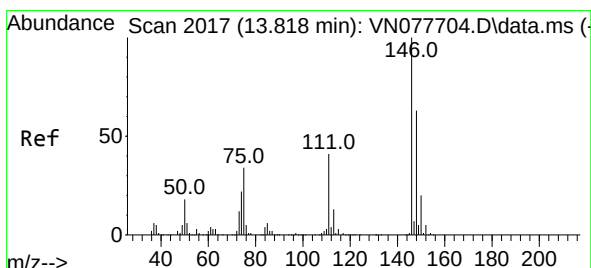
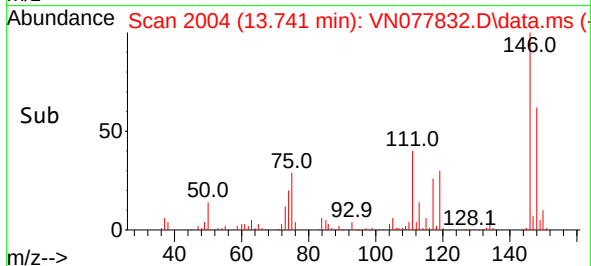
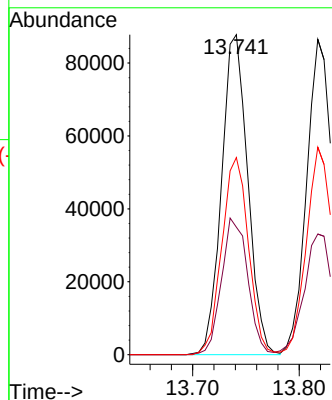
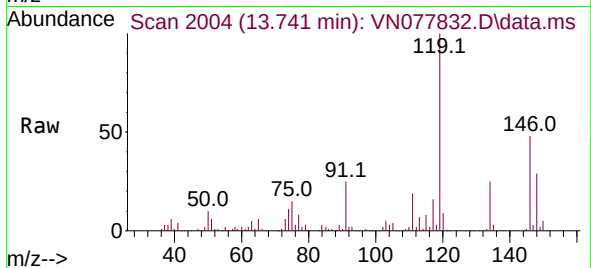
Tgt Ion:146 Resp: 149881
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.3
 148 62.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#88

1,4-Dichlorobenzene

Concen: 16.459 ug/l

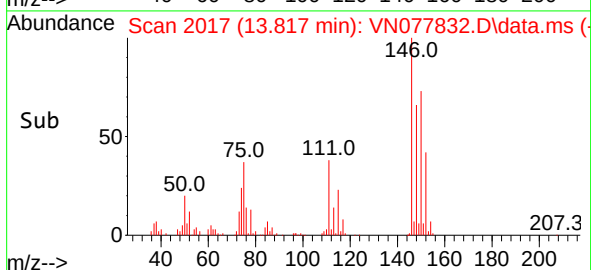
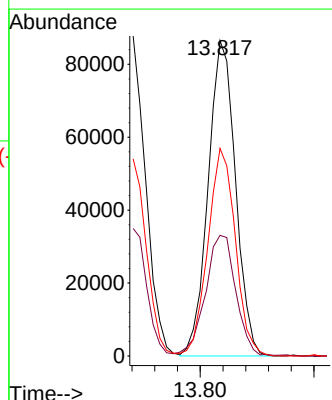
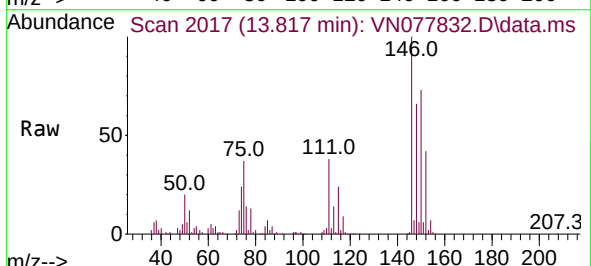
RT: 13.817 min Scan# 2017

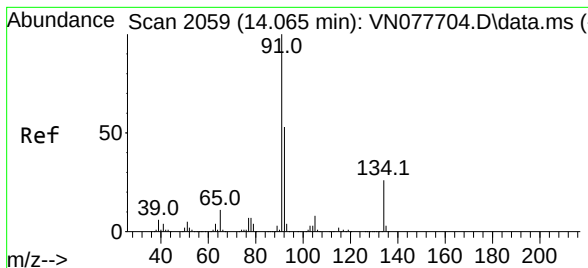
Delta R.T. 0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Tgt Ion:146 Resp: 144881
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.6 61.8
 148 66.1 31.6 94.8





#89

n-Butylbenzene

Concen: 15.581 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

Tgt Ion: 91 Resp: 250398

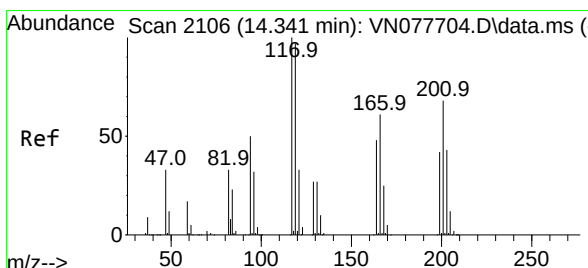
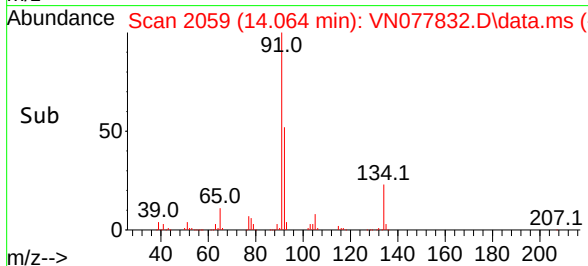
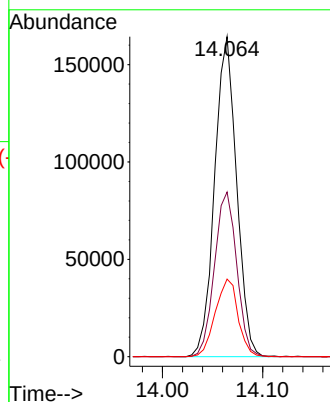
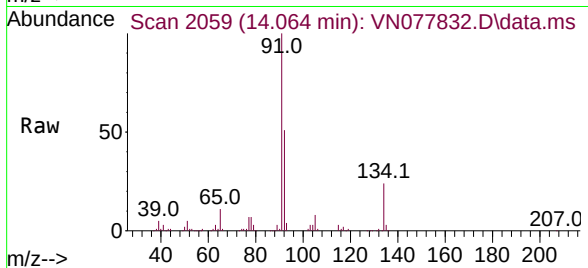
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachloroethane

Concen: 18.478 ug/l

RT: 14.341 min Scan# 2106

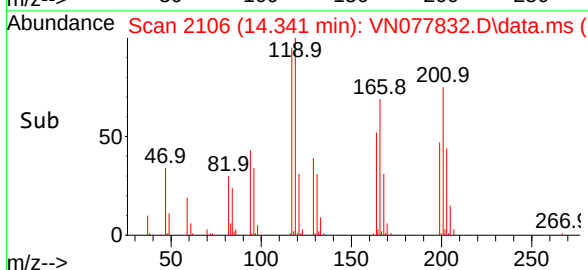
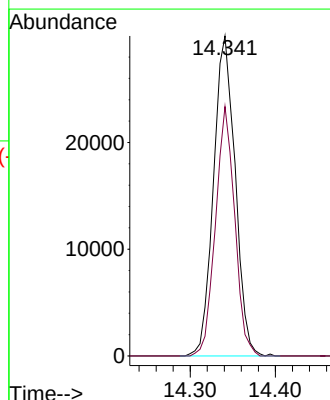
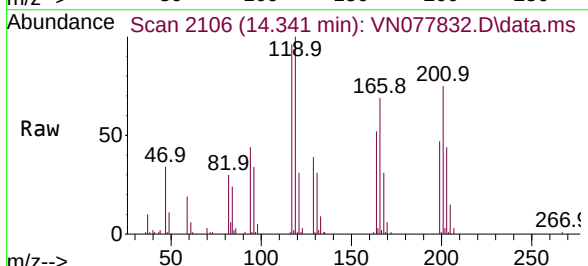
Delta R.T. -0.000 min

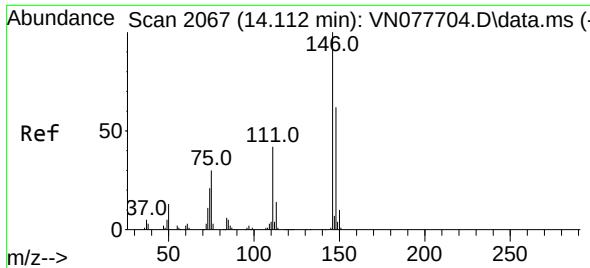
Lab File: VN077832.D

Acq: 24 May 2023 01:49

Tgt Ion:117 Resp: 53038

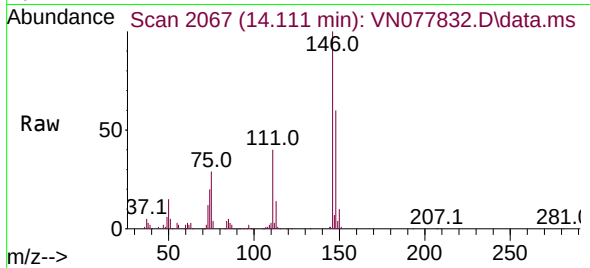
Ion	Ratio	Lower	Upper
117	100		
201	69.2	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 18.588 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

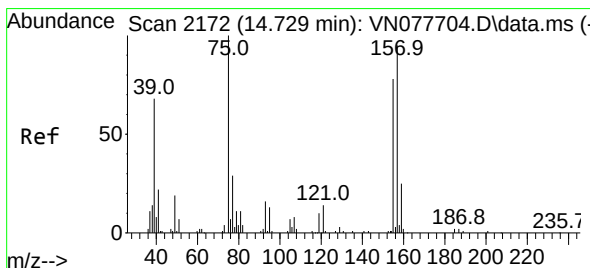
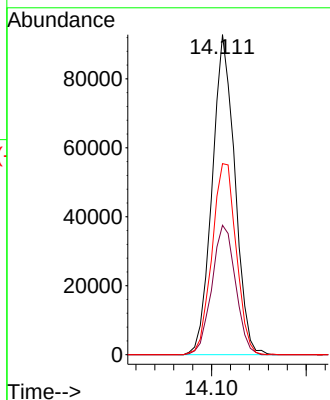
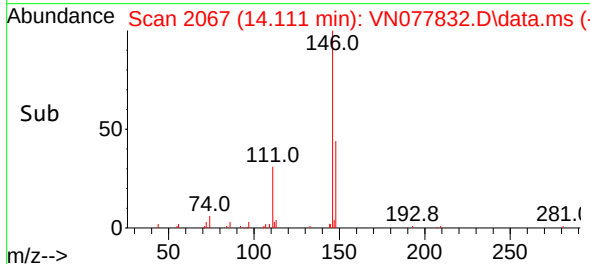
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



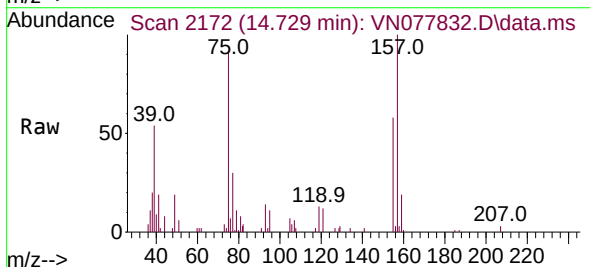
Tgt Ion:146 Resp: 15403
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 63.9 31.8 95.3

Manual Integrations
APPROVED

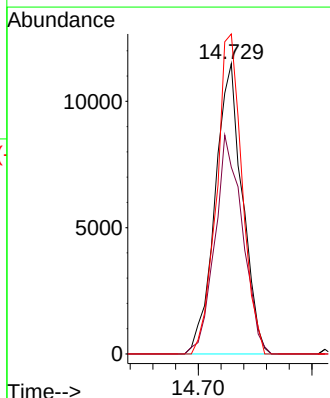
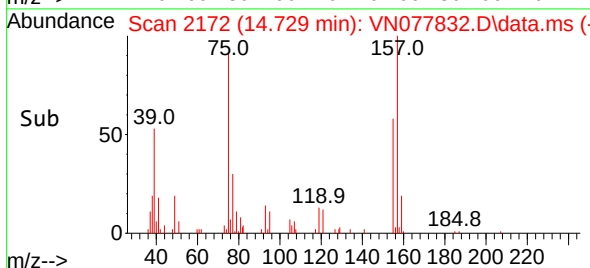
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

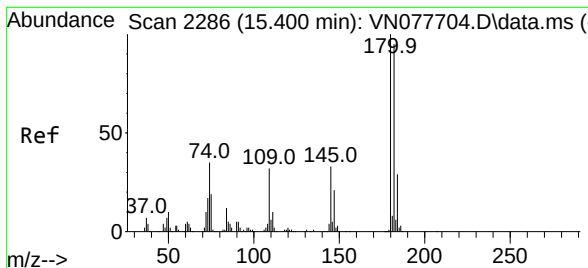


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.365 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49



Tgt Ion: 75 Resp: 19234
Ion Ratio Lower Upper
75 100
155 76.3 39.1 117.2
157 102.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 12.744 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0523WBSD02

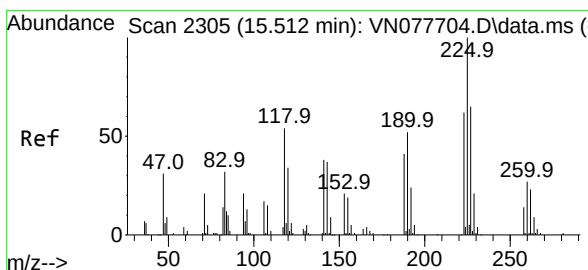
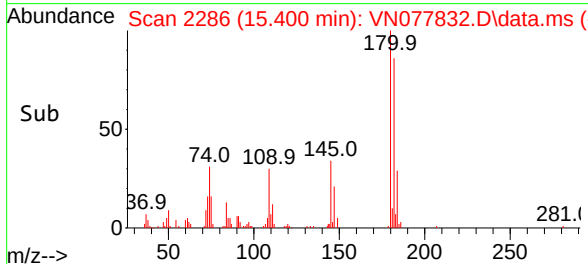
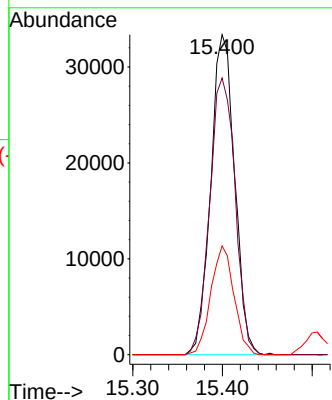
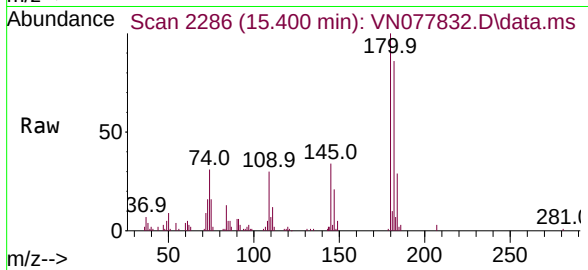
Tgt Ion:	180	Resp:	6171
Ion Ratio	Lower	Upper	
180	100		
182	91.9	46.1	138.2
145	32.9	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#94

Hexachlorobutadiene

Concen: 17.062 ug/l

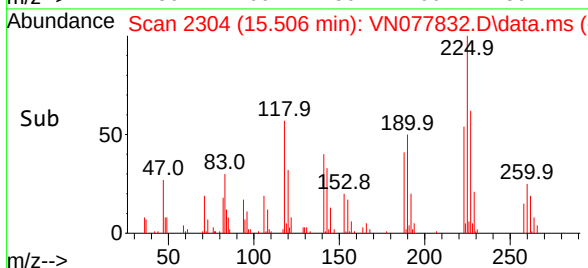
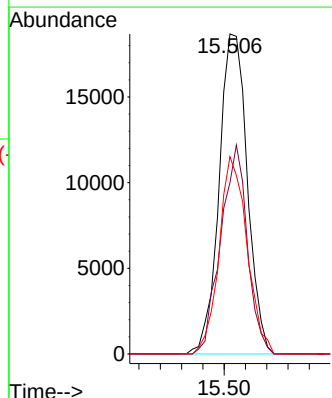
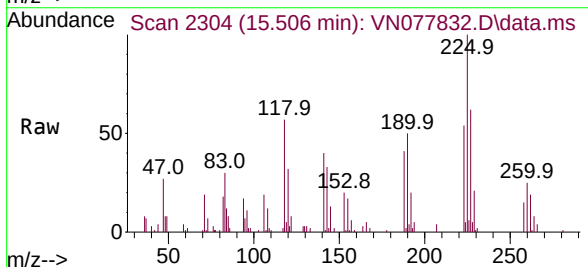
RT: 15.506 min Scan# 2304

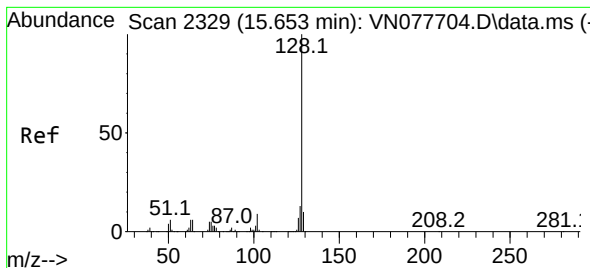
Delta R.T. -0.001 min

Lab File: VN077832.D

Acq: 24 May 2023 01:49

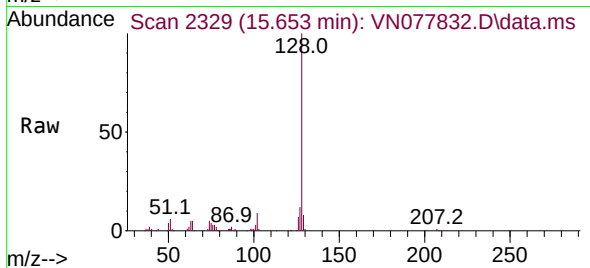
Tgt Ion:	225	Resp:	34306
Ion Ratio	Lower	Upper	
225	100		
223	61.4	31.3	93.8
227	61.0	31.9	95.9





#95
Naphthalene
Concen: 11.361 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

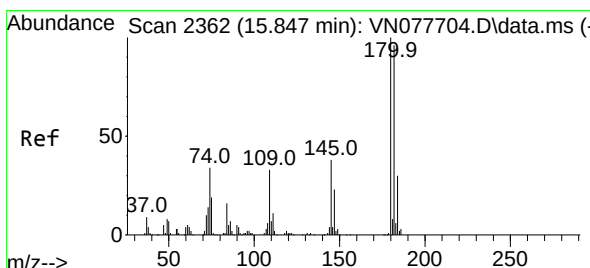
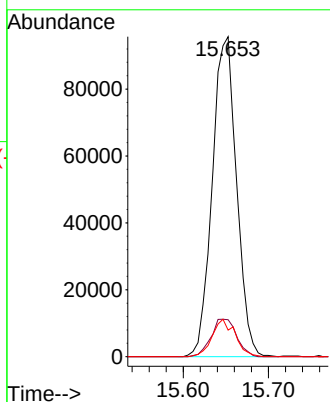
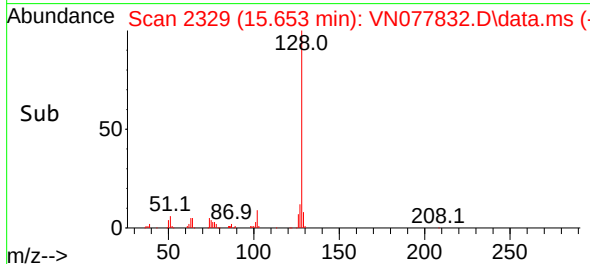
Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD02



Tgt Ion:128 Resp: 189360
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 11.1 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: 13.743 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077832.D
Acq: 24 May 2023 01:49

Tgt Ion:180 Resp: 65160
Ion Ratio Lower Upper
180 100
182 93.6 46.2 138.6
145 35.1 17.5 52.6

