

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078813.D
 Acq On : 09 Aug 2023 11:53
 Operator : JC\MD
 Sample : VN0809WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2023
 Supervised By : Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 05:26:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	30613	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	171747	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	155327	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	76814	31.167	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.900%			
60) 4-Bromofluorobenzene	12.853	95	62654	28.737	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.800%			
63) Toluene-d8	10.571	98	223560	29.371	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	39540	18.738	ug/l	99
3) Chloromethane	2.371	50	50535	20.111	ug/l	93
4) Vinyl Chloride	2.524	62	50663	21.188	ug/l	93
5) Bromomethane	2.959	94	31330	18.013	ug/l	97
6) Chloroethane	3.130	64	32118	18.910	ug/l	97
7) Trichlorofluoromethane	3.507	101	64850	19.761	ug/l	94
8) Diethyl Ether	3.971	74	24661	21.133	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	35241m	20.018	ug/l	
10) 1,1-Dichloroethene	4.354	96	34381	20.166	ug/l	93
11) Methyl Iodide	4.595	142	46322	20.368	ug/l	95
12) Methyl Acetate	5.036	43	73504	19.836	ug/l	92
13) Acrolein	4.189	56	34086	86.848	ug/l	99
14) Acrylonitrile	5.724	53	97755	100.118	ug/l	99
15) Acetone	4.442	58	24352	96.797	ug/l	71
16) Carbon Disulfide	4.724	76	97473	19.750	ug/l	95
17) Allyl chloride	5.036	41	57299	19.227	ug/l	89
18) Methylene Chloride	5.289	84	44008	20.685	ug/l #	88
19) trans-1,2-Dichloroethene	5.801	96	39339	20.096	ug/l	96
20) Diisopropyl ether	6.677	45	140873	21.051	ug/l #	92
21) 1,1-Dichloroethane	6.583	63	76635	20.086	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	44113	20.331	ug/l	91
23) tert-Butyl Alcohol	5.536	59	35421m	97.627	ug/l	
24) Methyl tert-Butyl Ether	5.801	73	119405	20.925	ug/l #	91
25) Chloroform	7.971	83	76862	20.292	ug/l	97
26) Cyclohexane	8.265	56	59090	19.663	ug/l #	93
29) 1,1-Dichloropropene	8.377	75	55472	19.881	ug/l	98
30) 2-Butanone	7.489	43	139048	101.672	ug/l #	90
31) 2,2-Dichloropropane	7.500	77	56916	19.782	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	66685	20.294	ug/l	97
33) Carbon Tetrachloride	8.365	117	55146	19.445	ug/l	89
34) Benzene	8.612	78	171883	20.245	ug/l	99
35) Methacrylonitrile	7.789	41	30785	19.170	ug/l	83
36) 1,2-Dichloroethane	8.677	62	62015	20.895	ug/l	100
37) Trichloroethene	9.359	130	40682	19.913	ug/l	98
38) Methylcyclohexane	9.606	83	49757	18.835	ug/l	88
39) 1,2-Dichloropropane	9.630	63	44661	19.883	ug/l	96
40) Dibromomethane	9.712	93	31291	20.920	ug/l	97
41) Bromodichloromethane	9.894	83	61656	20.457	ug/l	95
42) Vinyl Acetate	6.612	43	429336	99.762	ug/l	95

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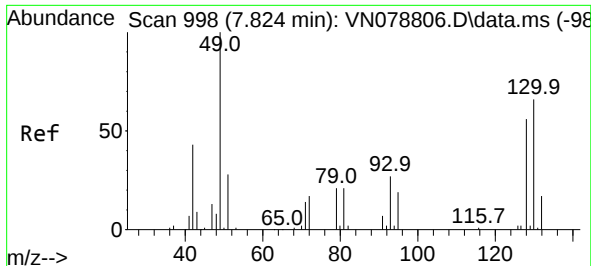
Manual Integrations
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Quant Time: Aug 10 05:26:33 2023
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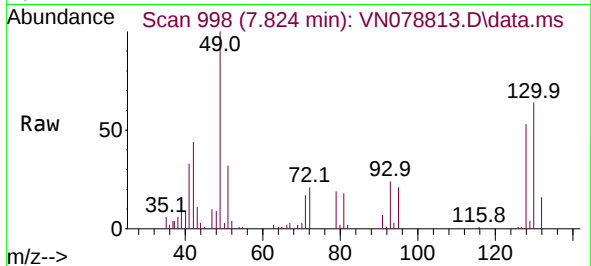
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	58208m	20.503	ug/l	
44) Isopropyl Acetate	8.694	43	98503	19.322	ug/l	94
45) 1,4-Dioxane	9.700	88	13465m	393.684	ug/l	
46) Methyl methacrylate	9.683	41	44114	20.435	ug/l	86
47) n-amyl Acetate	12.500	43	70993	19.920	ug/l	93
48) t-1,3-Dichloropropene	10.841	75	63126	20.743	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	68607	20.271	ug/l #	90
50) 1,1,2-Trichloroethane	11.024	97	42657	20.988	ug/l	94
51) Ethyl methacrylate	10.883	69	57859	20.310	ug/l	76
52) 1,3-Dichloropropane	11.171	76	75015	21.495	ug/l	99
53) Dibromochloromethane	11.365	129	44716	21.080	ug/l	99
54) 1,2-Dibromoethane	11.471	107	40838	20.566	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	108538	103.307	ug/l	97
56) Bromoform	12.582	173	26833	20.207	ug/l #	72
58) 4-Methyl-2-Pentanone	10.453	43	295365	98.931	ug/l #	92
59) 2-Hexanone	11.200	43	205086	98.851	ug/l	88
61) Tetrachloroethene	11.112	164	37395	21.043	ug/l	94
62) Toluene	10.635	91	183929	20.113	ug/l	99
64) Chlorobenzene	11.894	112	104423	19.505	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	41080	19.917	ug/l	95
66) Ethyl Benzene	11.971	91	179501	18.900	ug/l	96
67) m/p-Xylenes	12.071	106	137114	39.374	ug/l	99
68) o-Xylene	12.400	106	68161	19.664	ug/l	99
69) Styrene	12.418	104	104640	19.757	ug/l	99
70) Isopropylbenzene	12.700	105	169375	19.783	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	57623	19.861	ug/l	97
72) 1,2,3-Trichloropropane	13.000	75	53188m	21.002	ug/l	
73) Bromobenzene	12.988	156	38781	18.952	ug/l	94
74) n-propylbenzene	13.041	91	182720	19.286	ug/l	98
75) 2-Chlorotoluene	13.129	91	113494	19.230	ug/l	100
76) 1,3,5-Trimethylbenzene	13.182	105	135719	19.958	ug/l	98
77) t-1,4-Dichloro-2-butene	12.747	75	16442	20.684	ug/l	87
78) 4-Chlorotoluene	13.229	91	103364	18.878	ug/l	99
79) tert-butylbenzene	13.441	119	101123	18.125	ug/l	89
80) 1,2,4-Trimethylbenzene	13.488	105	125844	19.612	ug/l	99
81) sec-Butylbenzene	13.624	105	142754	19.111	ug/l	99
82) p-Isopropyltoluene	13.735	119	107171	18.317	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	59843	18.923	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	55439	18.357	ug/l	97
85) n-Butylbenzene	14.065	91	75420	17.517	ug/l	96
86) Hexachloroethane	14.341	117	23128	18.767	ug/l	98
87) 1,2-Dichlorobenzene	14.112	146	61139	19.651	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	7942	19.273	ug/l	89
89) 1,2,4-Trichlorobenzene	15.400	180	13188m	15.315	ug/l	
90) Hexachlorobutadiene	15.512	225	12077	19.049	ug/l	96
91) Naphthalene	15.647	128	37887	14.069	ug/l	97
92) 1,2,3-Trichlorobenzene	15.841	180	17462	17.289	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

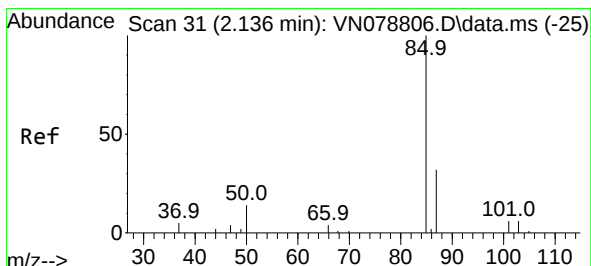
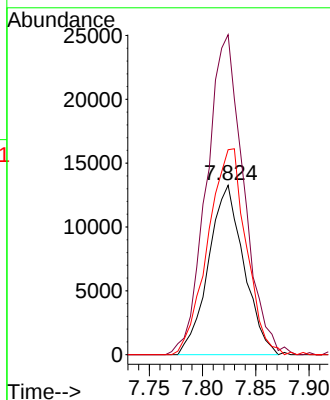
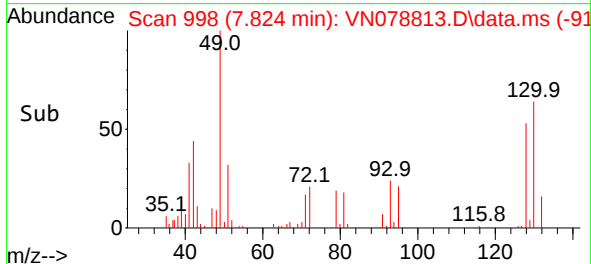
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion:128 Resp: 3061
Ion Ratio Lower Upper
128 100
49 197.2 0.0 370.8
130 131.4 0.0 307.0

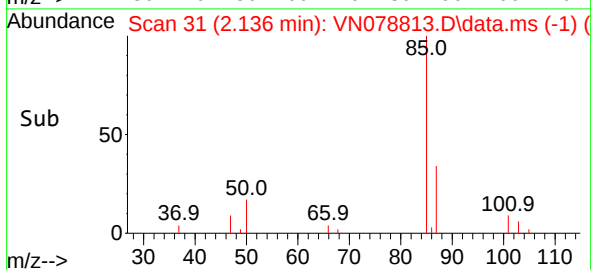
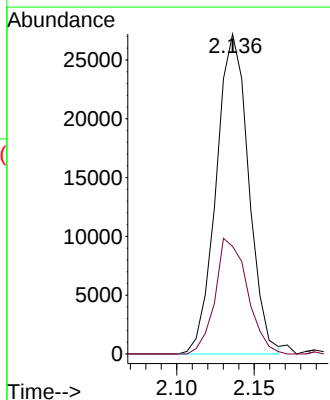
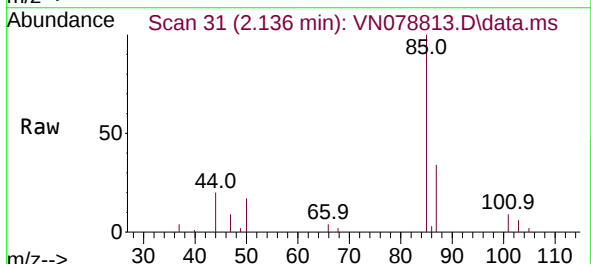
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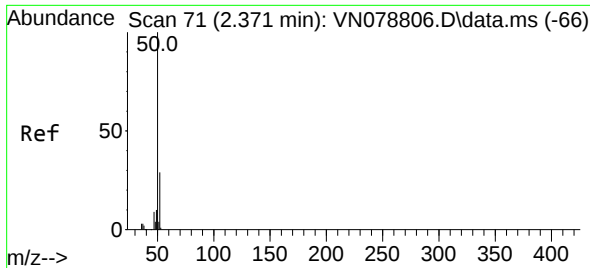
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#2
Dichlorodifluoromethane
Concen: 18.738 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

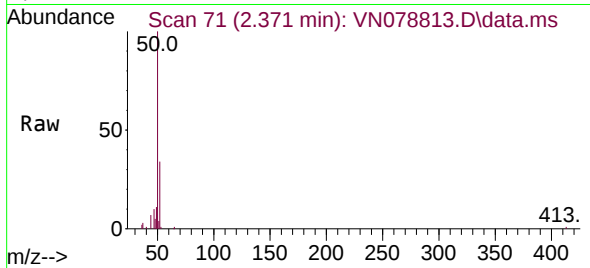
Tgt Ion: 85 Resp: 39540
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.4





#3
Chloromethane
Concen: 20.111 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

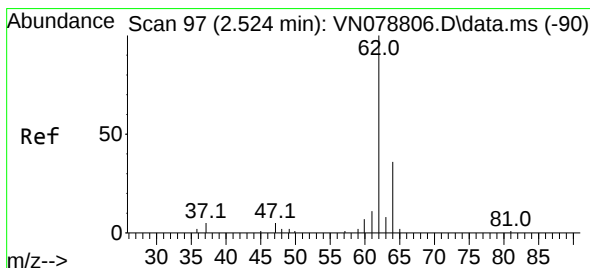
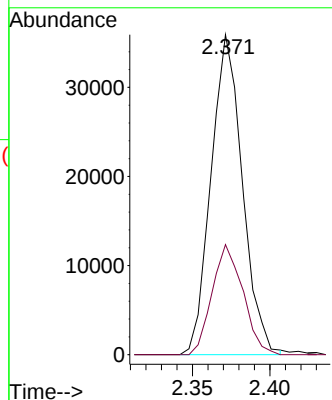
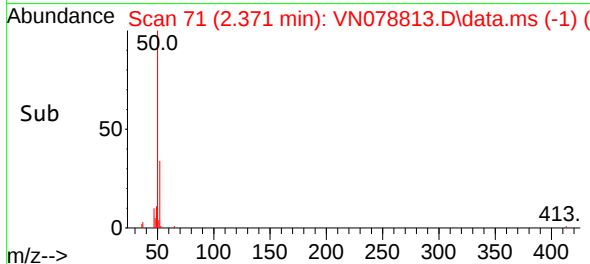
Instrument :
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ClientSampleId :
VN0809WBS01



Tgt Ion: 50 Resp: 5053
Ion Ratio Lower Upper
50 100
52 34.4 24.6 36.8

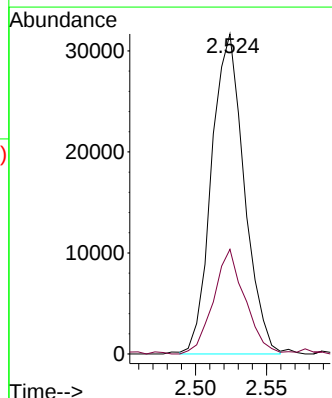
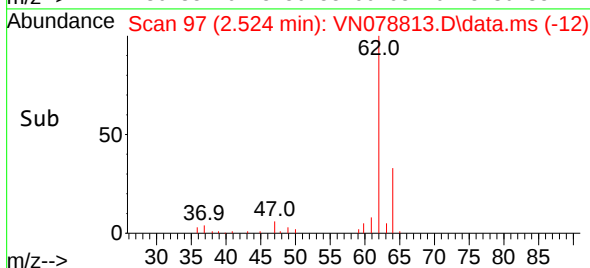
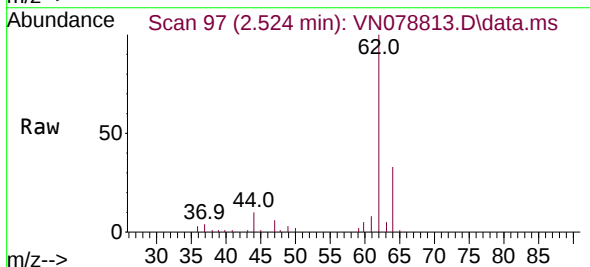
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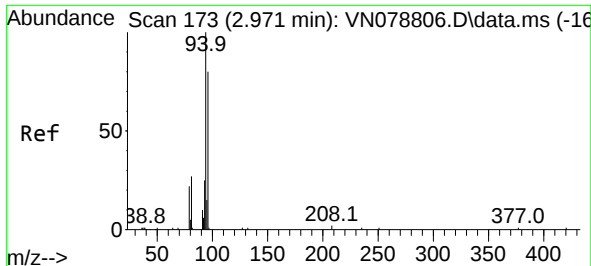
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#4
Vinyl Chloride
Concen: 21.188 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

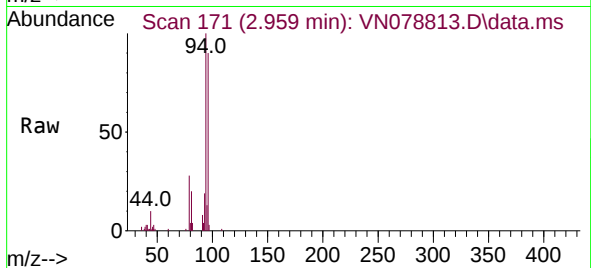
Tgt Ion: 62 Resp: 50663
Ion Ratio Lower Upper
62 100
64 32.9 23.3 34.9





#5
Bromomethane
Concen: 18.013 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.012 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

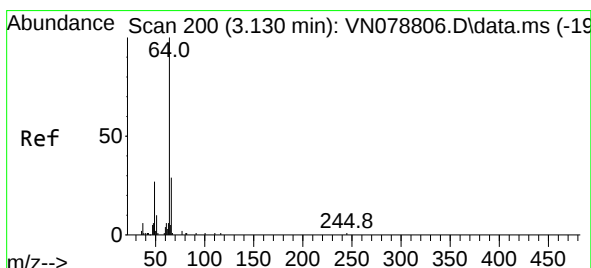
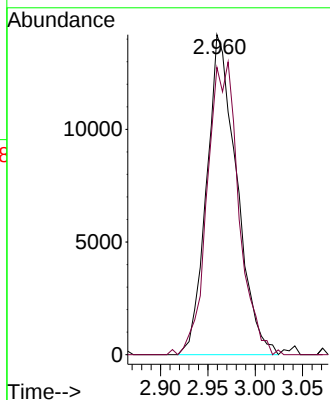
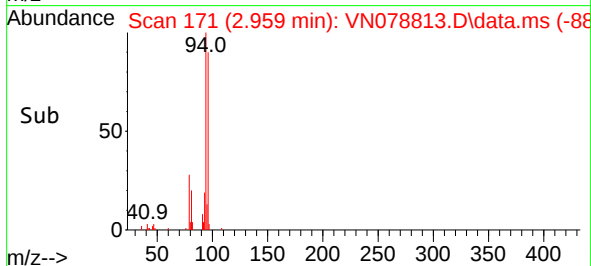
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 94 Resp: 31330
Ion Ratio Lower Upper
94 100
96 89.8 73.9 110.9

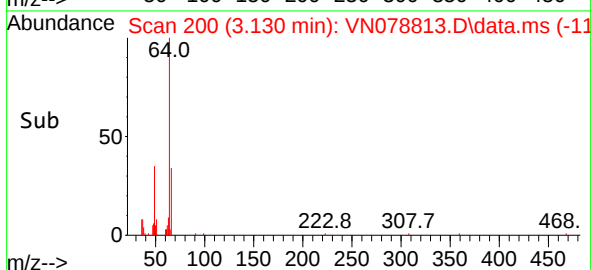
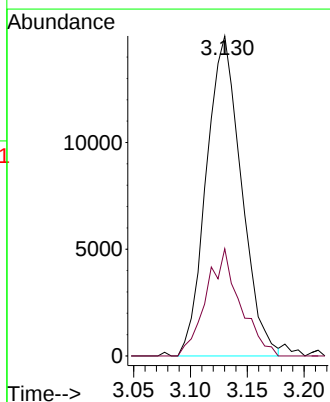
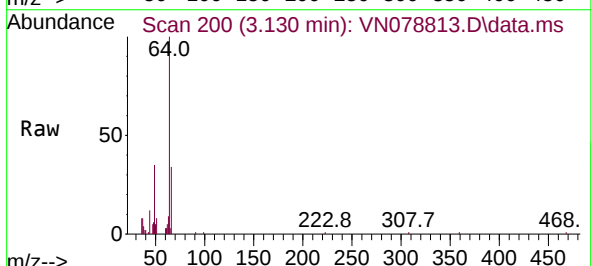
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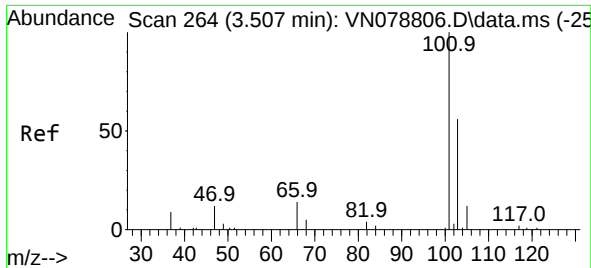
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#6
Chloroethane
Concen: 18.910 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Tgt Ion: 64 Resp: 32118
Ion Ratio Lower Upper
64 100
66 33.5 25.7 38.5





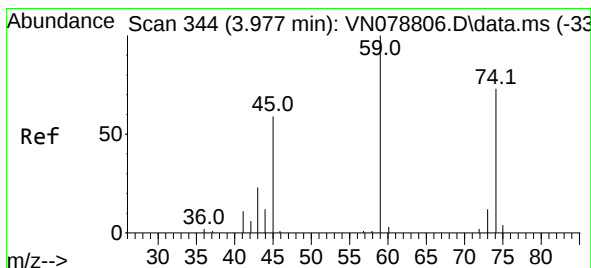
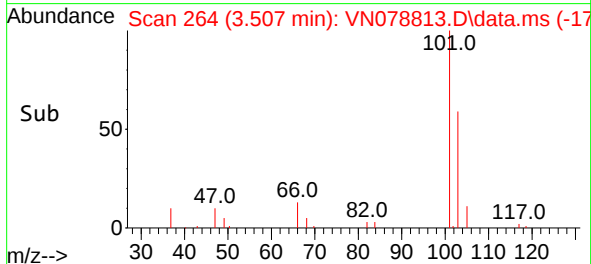
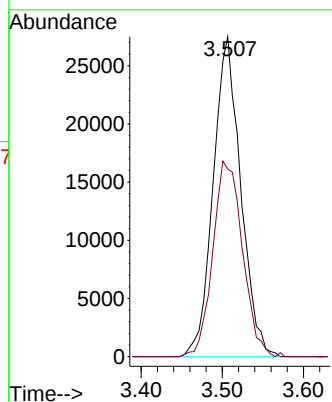
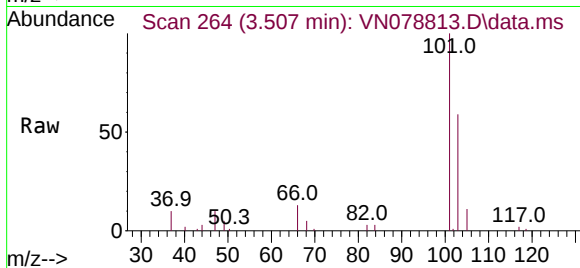
#7
 Trichlorofluoromethane
 Concen: 19.761 ug/l
 RT: 3.507 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN078813.D
 Acq: 09 Aug 2023 11:53

Instrument :
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Tgt Ion:101 Resp: 64850
 Ion Ratio Lower Upper
 101 100
 103 58.6 50.4 75.6

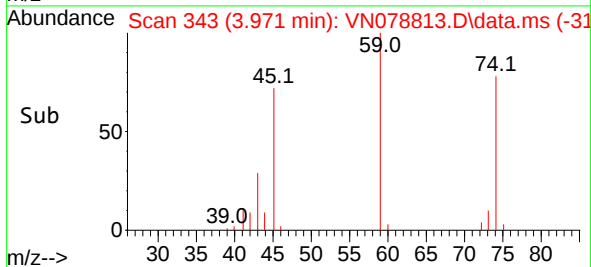
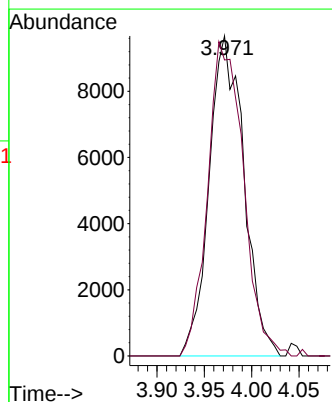
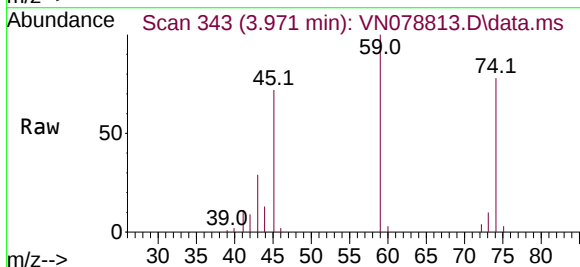
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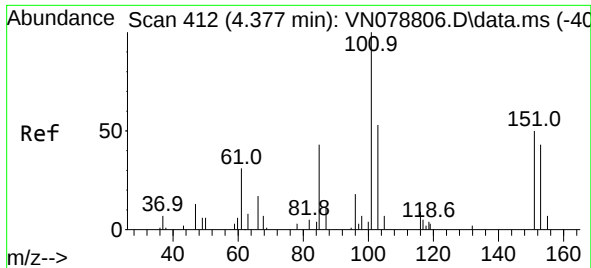
Reviewed By :John Carlone 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#8
 Diethyl Ether
 Concen: 21.133 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.006 min
 Lab File: VN078813.D
 Acq: 09 Aug 2023 11:53

Tgt Ion: 74 Resp: 24661
 Ion Ratio Lower Upper
 74 100
 45 101.2 16.3 146.5





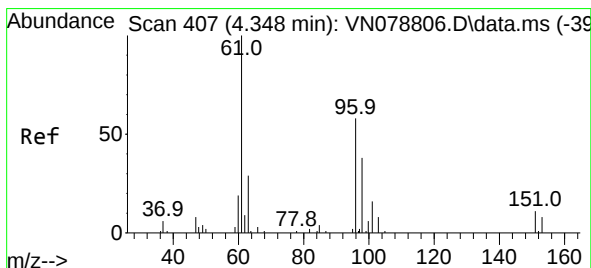
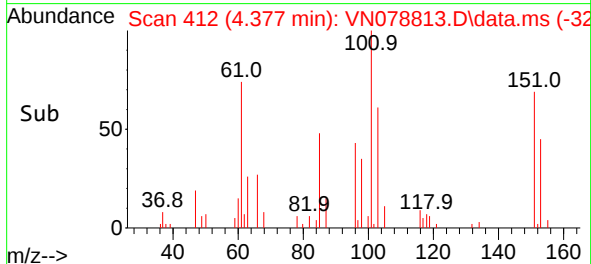
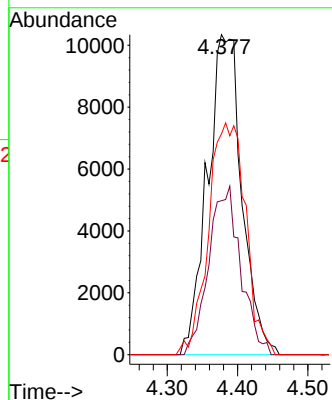
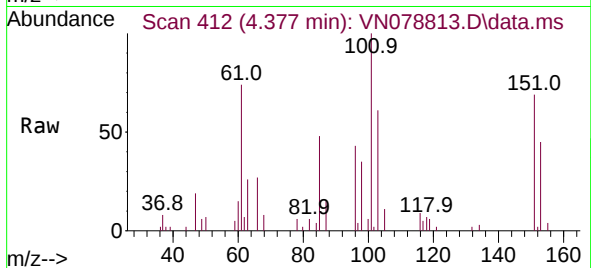
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.018 ug/l m
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01

Tgt Ion:101 Resp: 3524
Ion Ratio Lower Upper
101 100
85 0.4 0.0 89.2
151 43.5 0.0 148.8

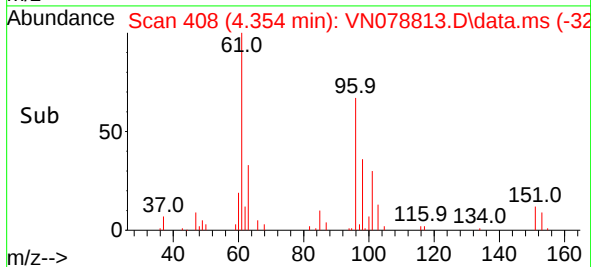
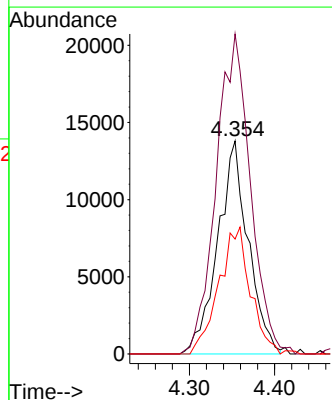
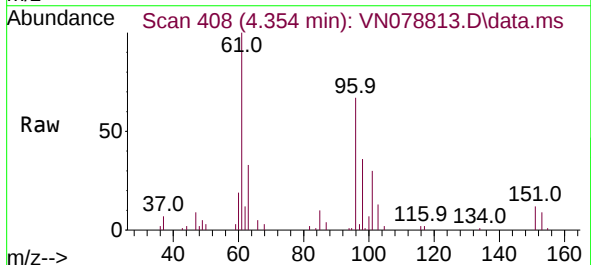
Manual Integrations
APPROVED

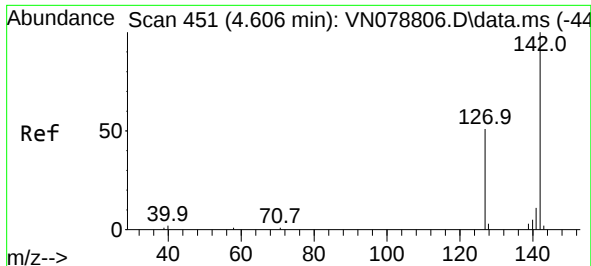
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#10
1,1-Dichloroethene
Concen: 20.166 ug/l
RT: 4.354 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

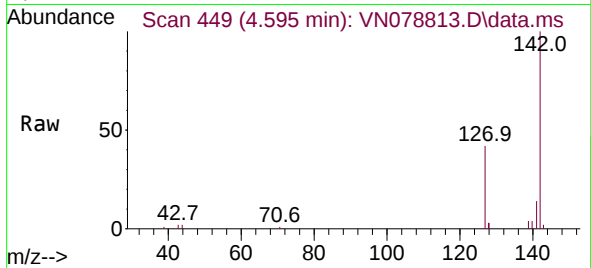
Tgt Ion: 96 Resp: 34381
Ion Ratio Lower Upper
96 100
61 150.3 123.4 185.2
98 54.0 53.7 80.5





#11
Methyl Iodide
Concen: 20.368 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

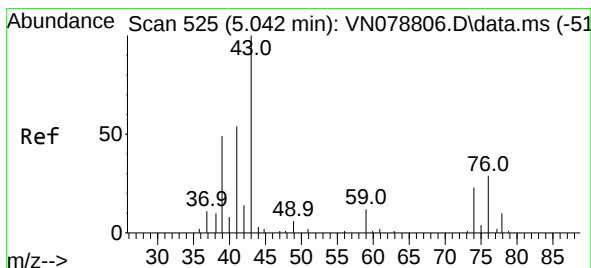
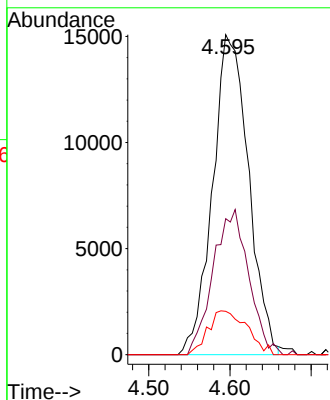
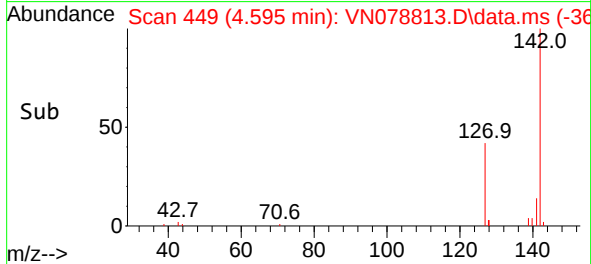
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion:142 Resp: 4632
Ion Ratio Lower Upper
142 100
127 42.2 23.2 69.5
141 13.7 7.2 21.7

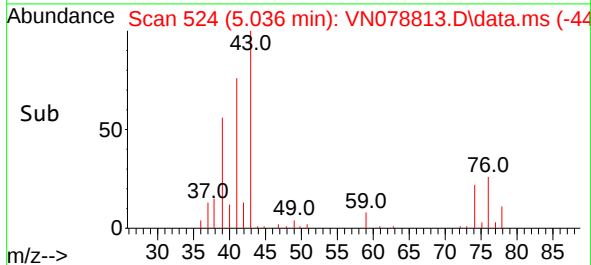
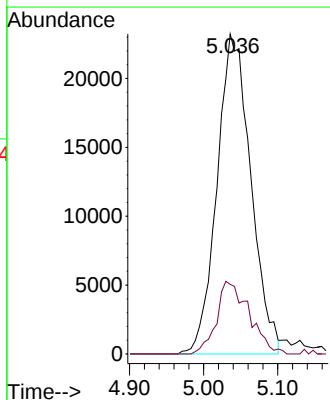
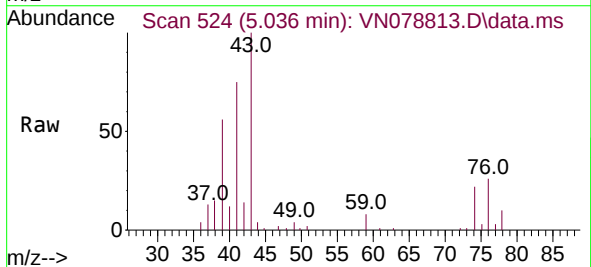
Manual Integrations
APPROVED

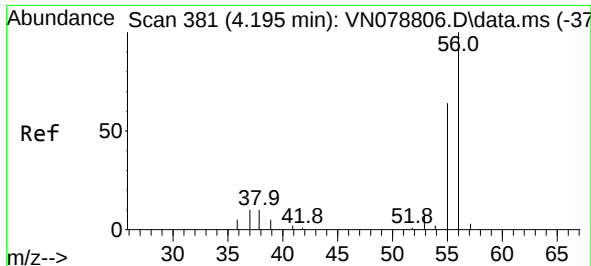
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#12
Methyl Acetate
Concen: 19.836 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

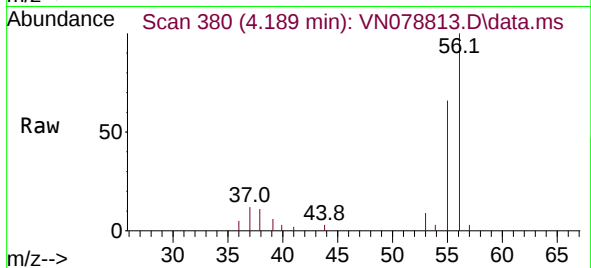
Tgt Ion: 43 Resp: 73504
Ion Ratio Lower Upper
43 100
74 21.4 20.5 30.7





#13
Acrolein
Concen: 86.848 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

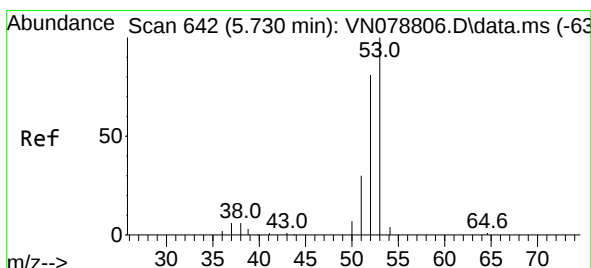
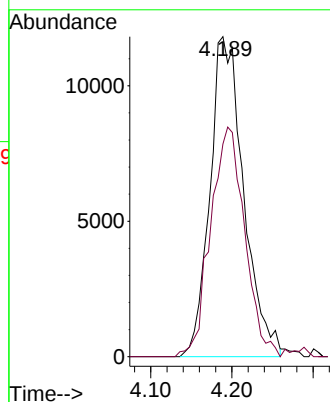
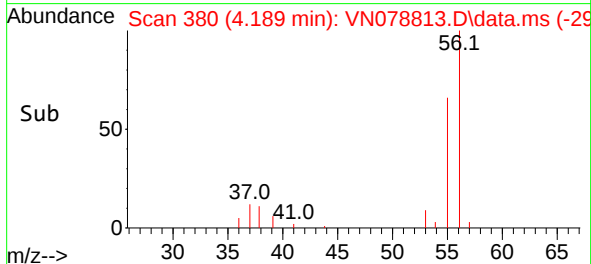
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



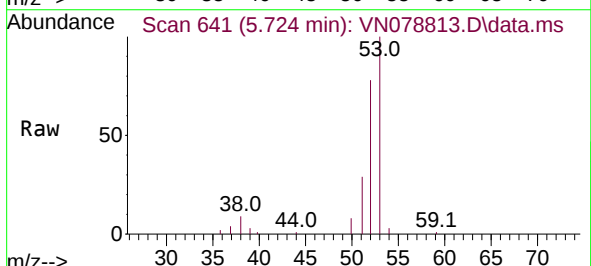
Tgt Ion: 56 Resp: 3408
Ion Ratio Lower Upper
56 100
55 72.5 59.0 88.4

Manual Integrations
APPROVED

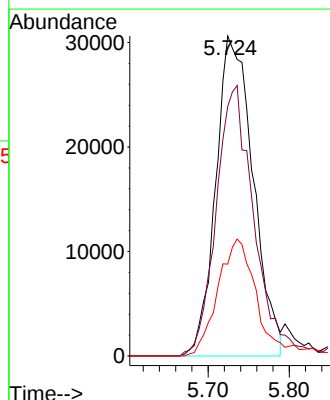
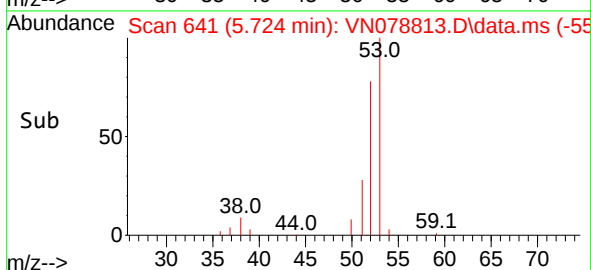
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

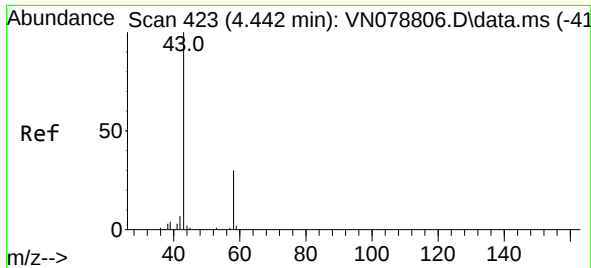


#14
Acrylonitrile
Concen: 100.118 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



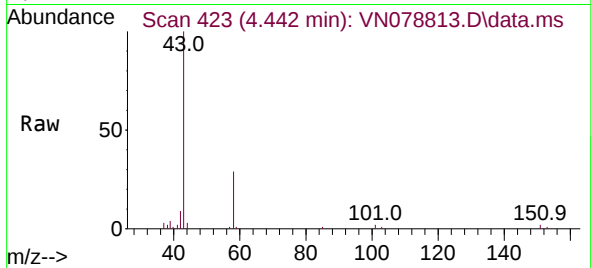
Tgt Ion: 53 Resp: 97755
Ion Ratio Lower Upper
53 100
52 85.7 42.3 126.9
51 36.7 18.4 55.4





#15
Acetone
Concen: 96.797 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

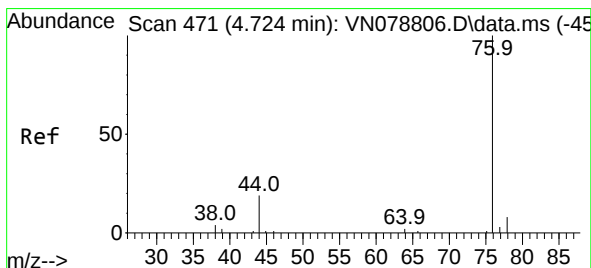
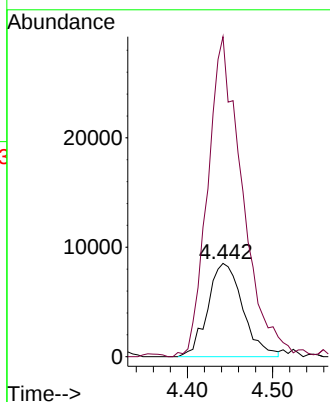
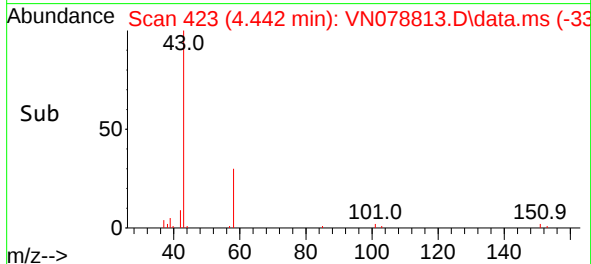
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 58 Resp: 2435
Ion Ratio Lower Upper
58 100
43 338.6 227.5 341.3

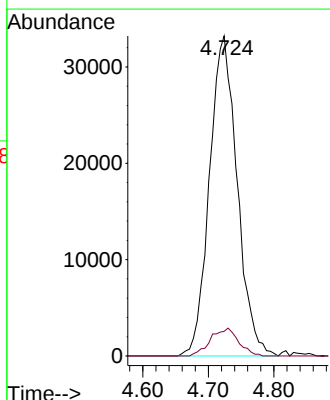
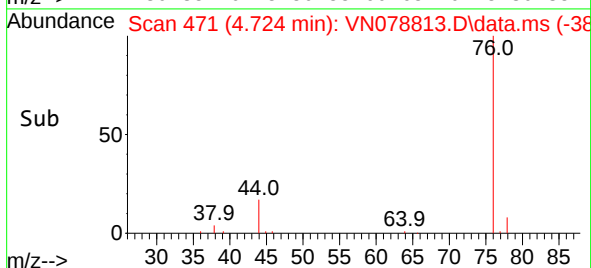
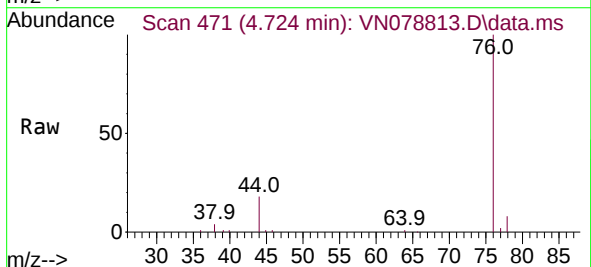
Manual Integrations
APPROVED

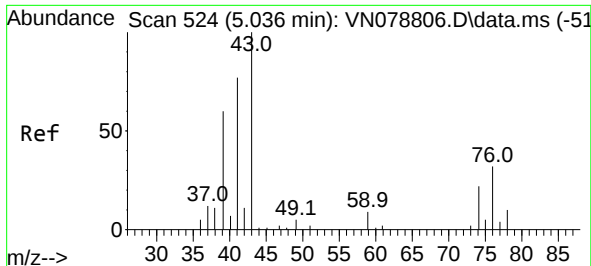
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#16
Carbon Disulfide
Concen: 19.750 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

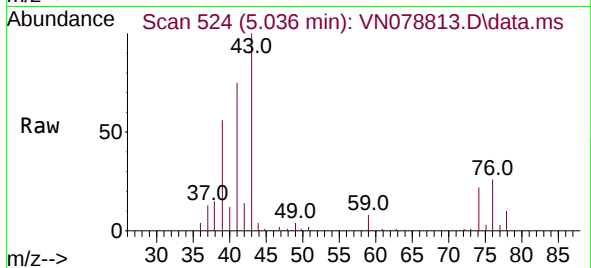
Tgt Ion: 76 Resp: 97473
Ion Ratio Lower Upper
76 100
78 7.7 7.7 11.5





#17
 Allyl chloride
 Concen: 19.227 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN078813.D
 Acq: 09 Aug 2023 11:53

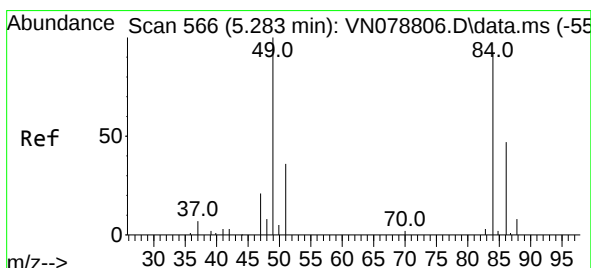
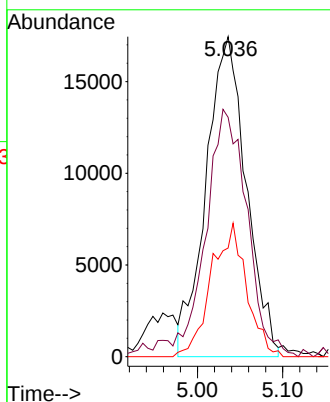
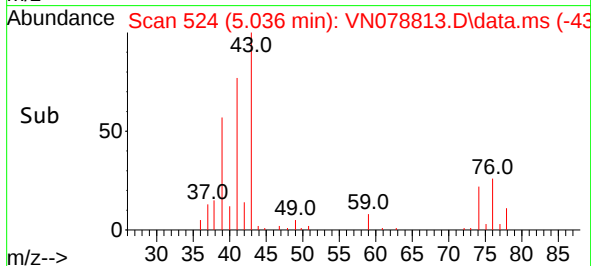
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBS01



Tgt Ion: 41 Resp: 57299
 Ion Ratio Lower Upper
 41 100
 39 71.6 37.6 112.8
 76 33.6 23.8 71.4

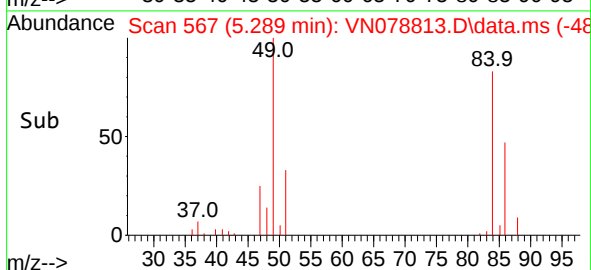
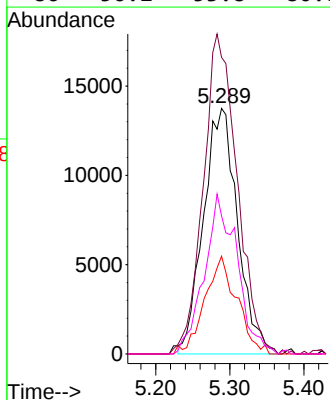
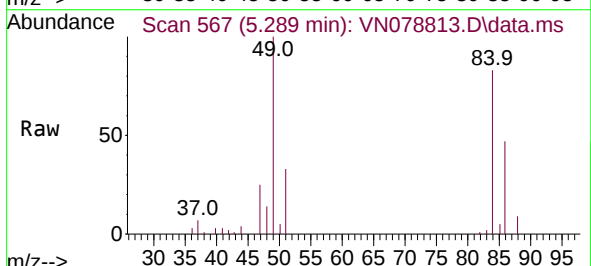
Manual Integrations
 APPROVED

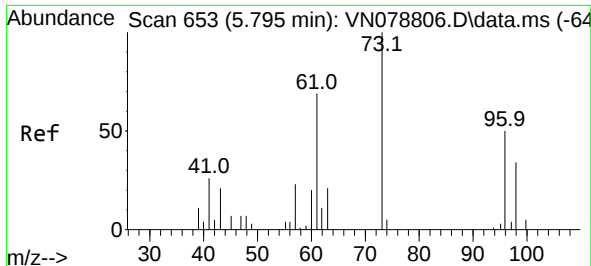
Reviewed By :John Carlone 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#18
 Methylene Chloride
 Concen: 20.685 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VN078813.D
 Acq: 09 Aug 2023 11:53

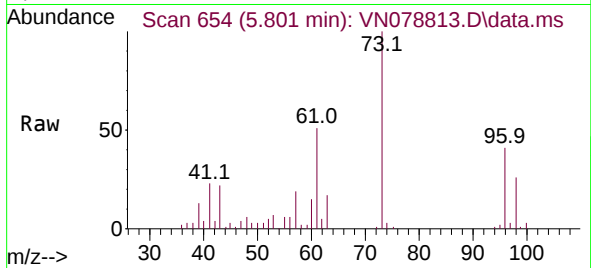
Tgt Ion: 84 Resp: 44008
 Ion Ratio Lower Upper
 84 100
 49 120.8 88.1 132.1
 51 39.8 24.0 36.0#
 86 56.2 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 20.096 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

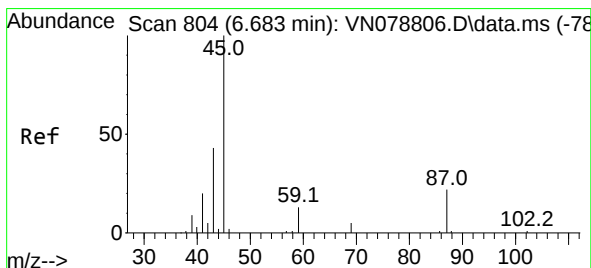
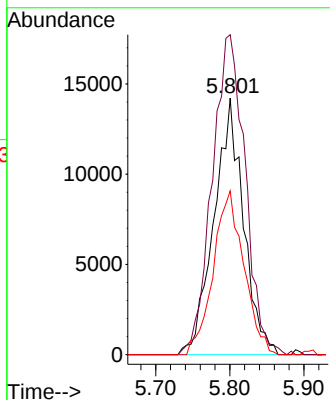
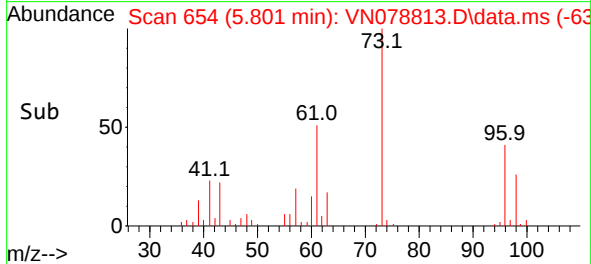
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 96 Resp: 39339
Ion Ratio Lower Upper
96 100
61 124.7 105.2 157.8
98 63.8 50.5 75.7

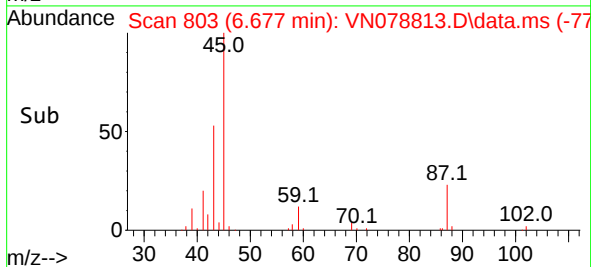
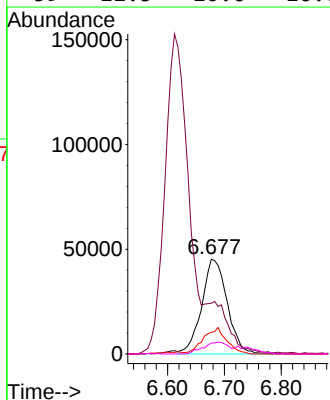
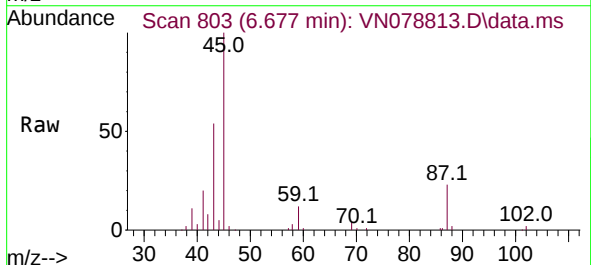
Manual Integrations
APPROVED

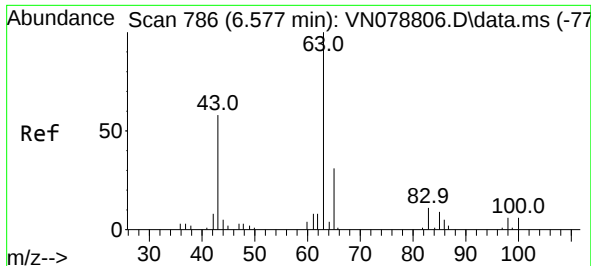
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#20
Diisopropyl ether
Concen: 21.051 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Tgt Ion: 45 Resp: 140873
Ion Ratio Lower Upper
45 100
43 51.8 43.6 65.4
87 22.8 25.8 38.6#
59 11.5 10.6 16.0





#21

1,1-Dichloroethane

Concen: 20.086 ug/l

RT: 6.583 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN078813.D

Acq: 09 Aug 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBS01

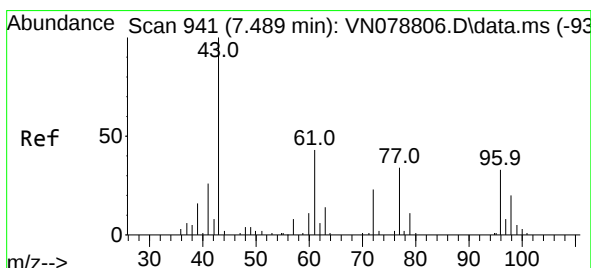
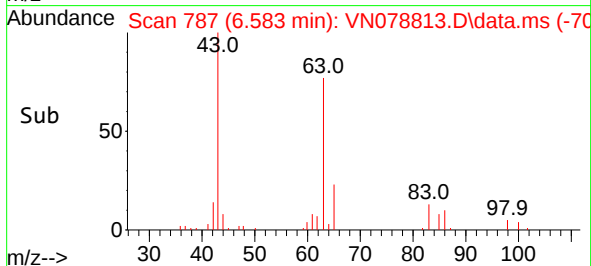
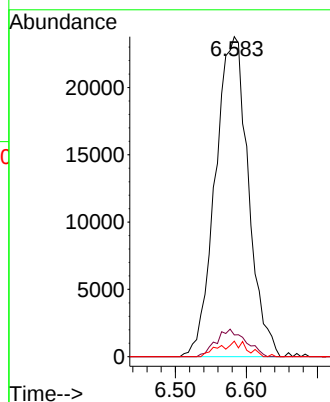
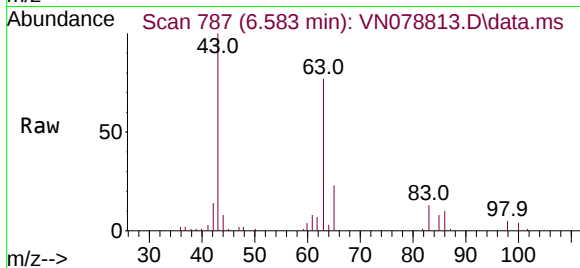
Tgt Ion:	63	Resp:	7663
Ion Ratio	Lower	Upper	
63	100		
98	6.8	2.7	8.1
100	4.9	2.5	7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#22

cis-1,2-Dichloroethene

Concen: 20.331 ug/l

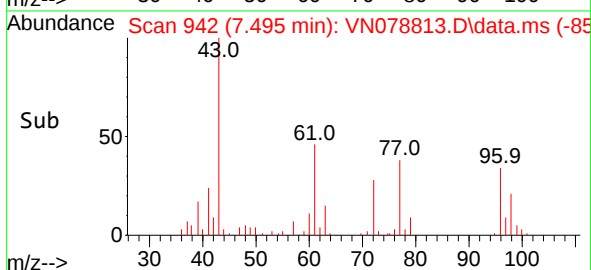
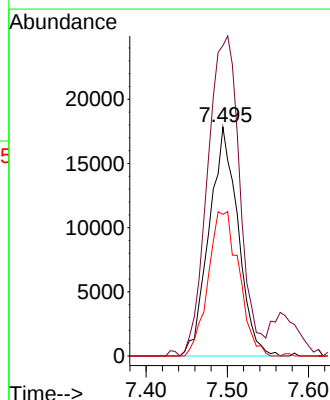
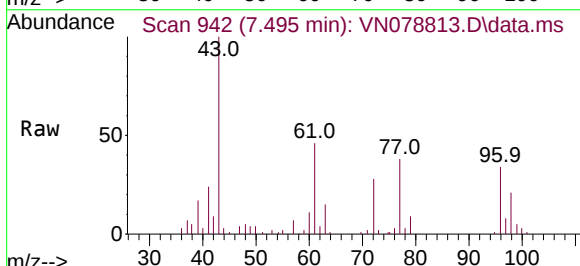
RT: 7.495 min Scan# 942

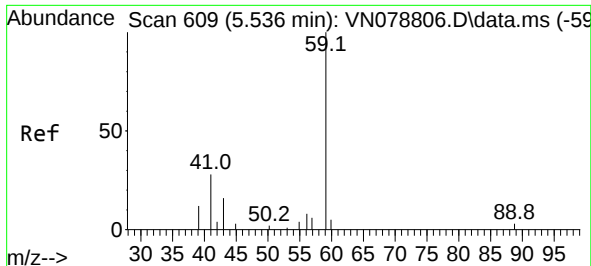
Delta R.T. 0.006 min

Lab File: VN078813.D

Acq: 09 Aug 2023 11:53

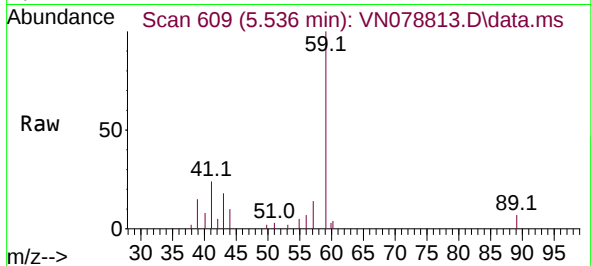
Tgt Ion:	96	Resp:	44113
Ion Ratio	Lower	Upper	
96	100		
61	156.2	113.8	170.6
98	67.3	52.2	78.4





#23
tert-Butyl Alcohol
Concen: 97.627 ug/l m
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

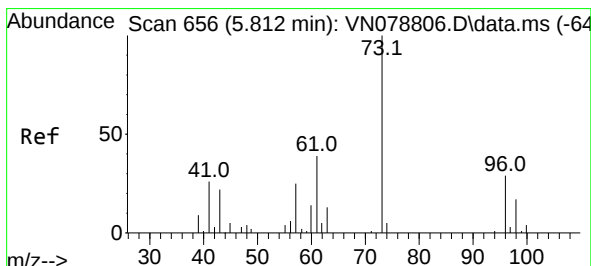
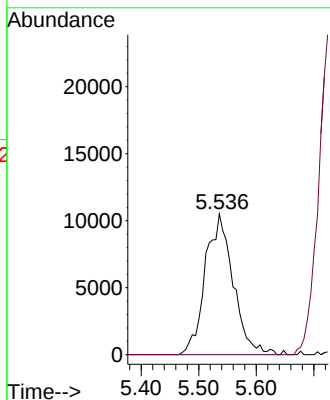
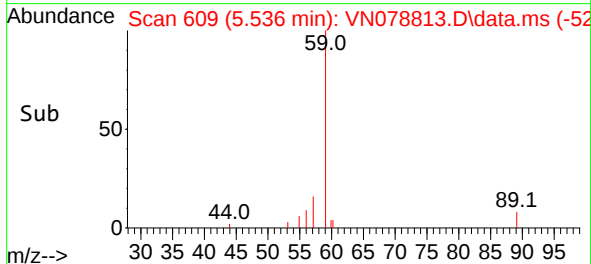
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 59 Resp: 3542
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

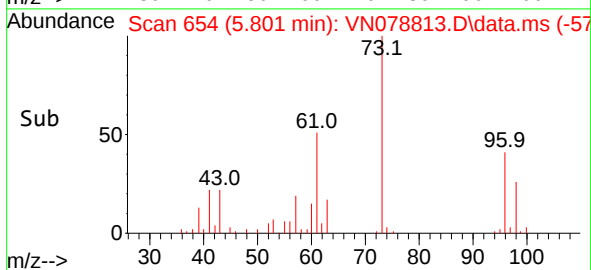
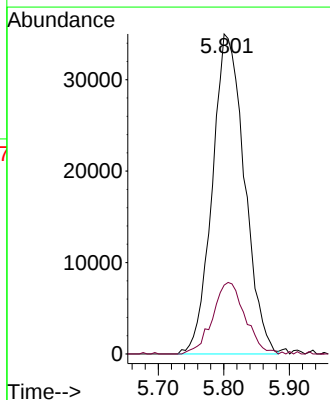
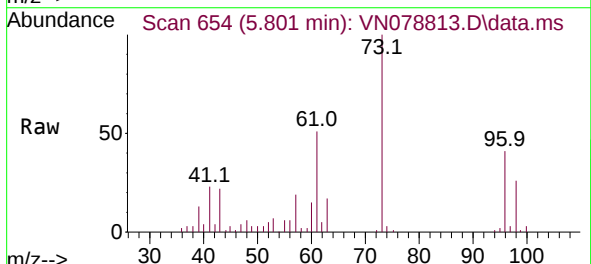
Manual Integrations
APPROVED

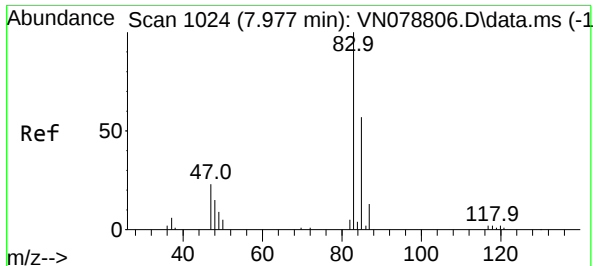
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#24
Methyl tert-Butyl Ether
Concen: 20.925 ug/l
RT: 5.801 min Scan# 654
Delta R.T. -0.012 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Tgt Ion: 73 Resp: 119405
Ion Ratio Lower Upper
73 100
43 22.2 14.5 21.7#





#25

Chloroform

Concen: 20.292 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078813.D

Acq: 09 Aug 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBS01

Tgt Ion: 83 Resp: 76862

Ion Ratio Lower Upper

83 100

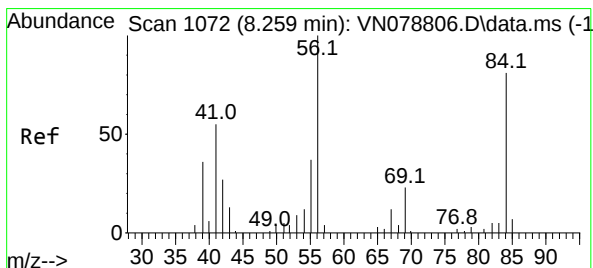
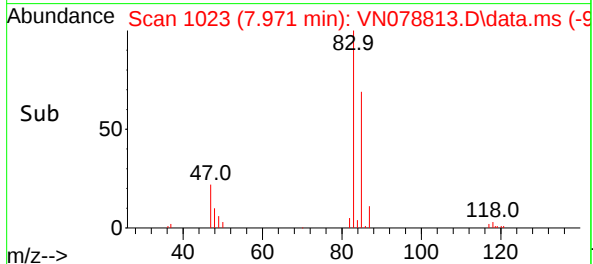
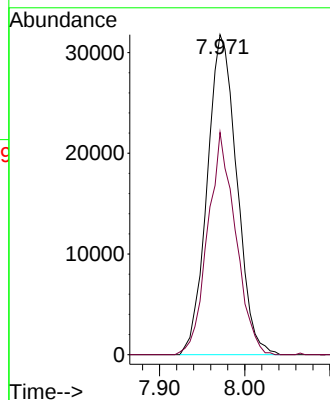
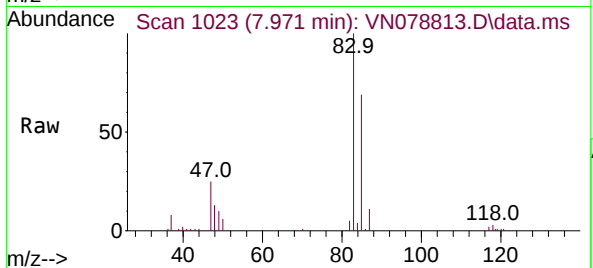
85 69.4 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#26

Cyclohexane

Concen: 19.663 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN078813.D

Acq: 09 Aug 2023 11:53

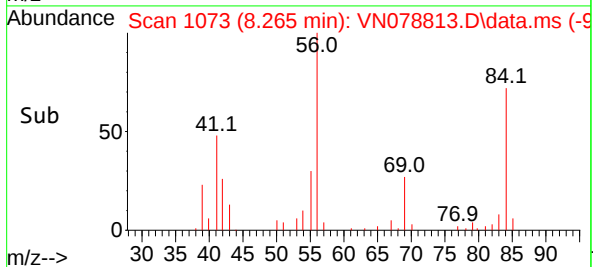
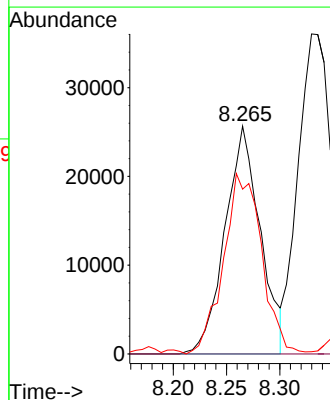
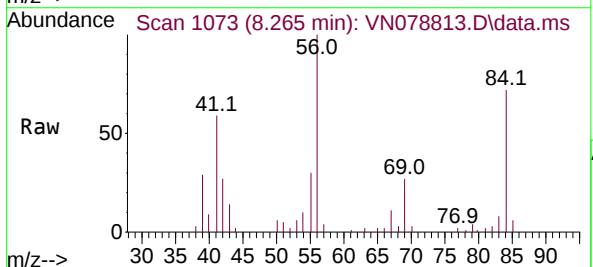
Tgt Ion: 56 Resp: 59090

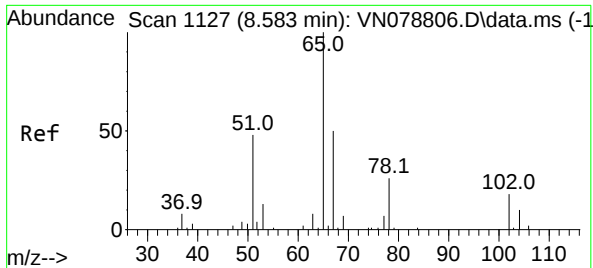
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

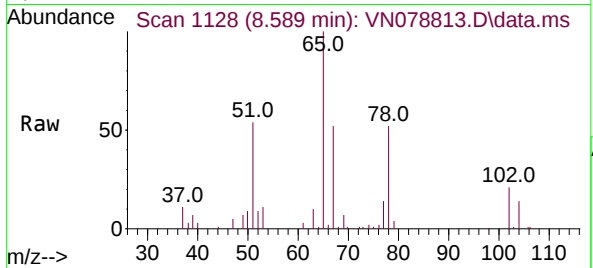
84 85.7 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 31.167 ug/l
RT: 8.589 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

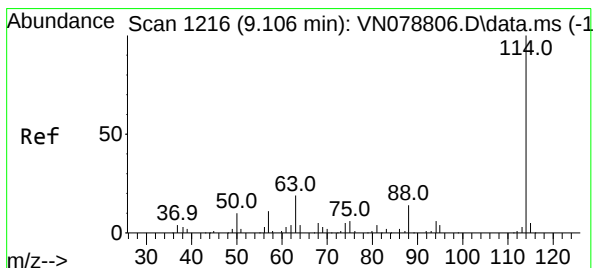
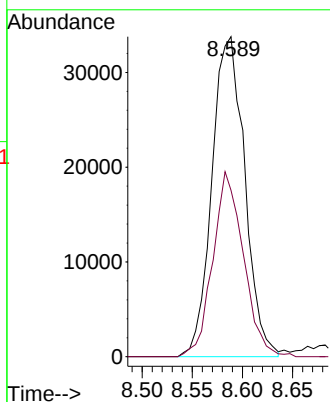
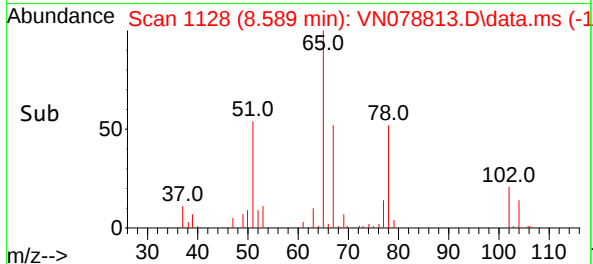
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



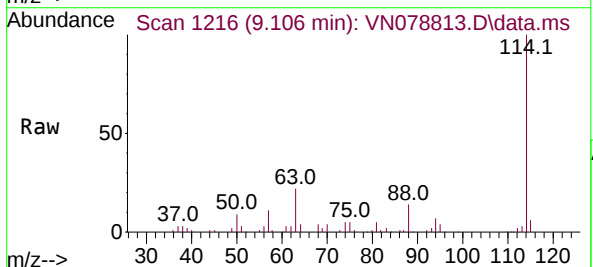
Tgt Ion: 65 Resp: 76814
Ion Ratio Lower Upper
65 100
67 53.9 42.9 64.3

Manual Integrations
APPROVED

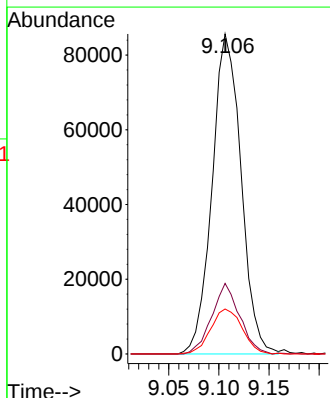
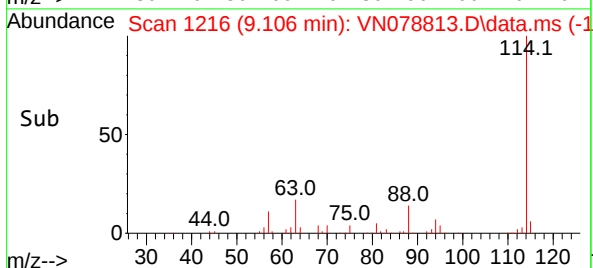
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

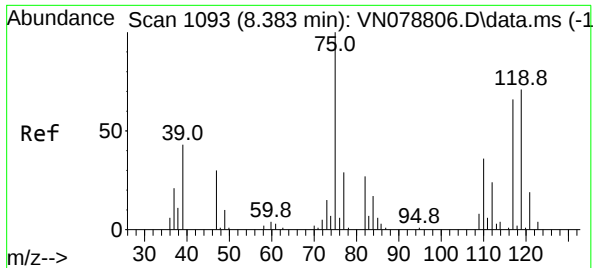


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



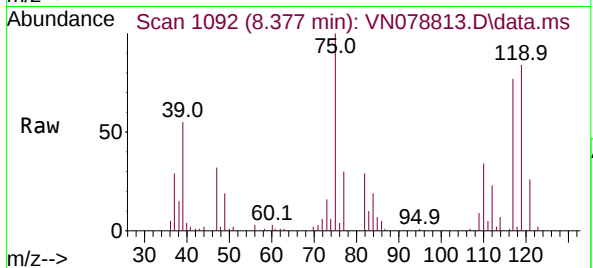
Tgt Ion:114 Resp: 171747
Ion Ratio Lower Upper
114 100
63 21.2 15.2 22.8
88 15.3 12.5 18.7





#29
1,1-Dichloropropene
Concen: 19.881 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

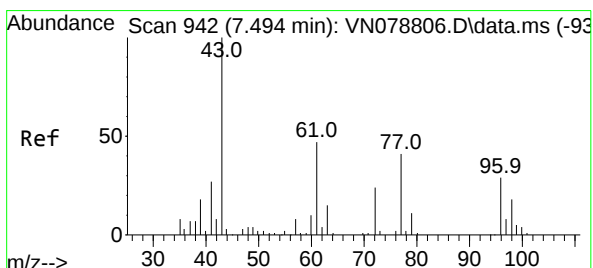
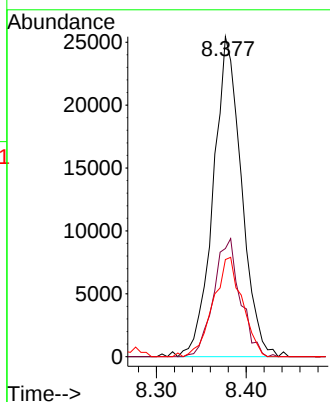
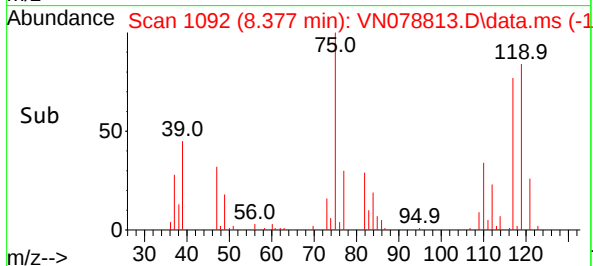
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 75 Resp: 55472
Ion Ratio Lower Upper
75 100
110 34.7 0.0 72.2
77 31.8 0.0 62.8

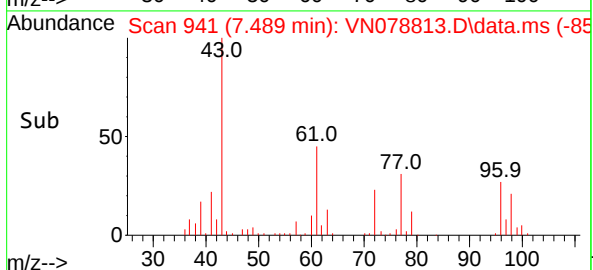
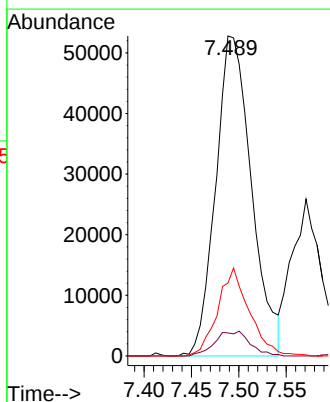
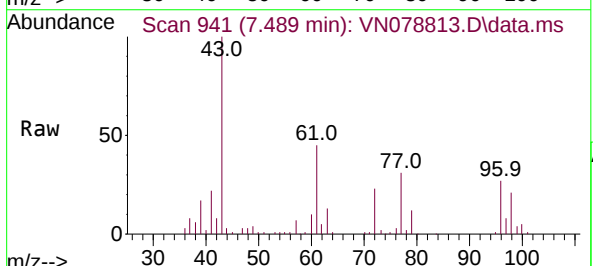
Manual Integrations
APPROVED

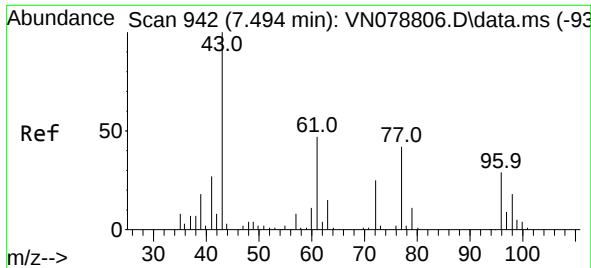
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#30
2-Butanone
Concen: 101.672 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Tgt Ion: 43 Resp: 139048
Ion Ratio Lower Upper
43 100
57 4.4 6.8 10.2#
72 24.3 23.8 35.6





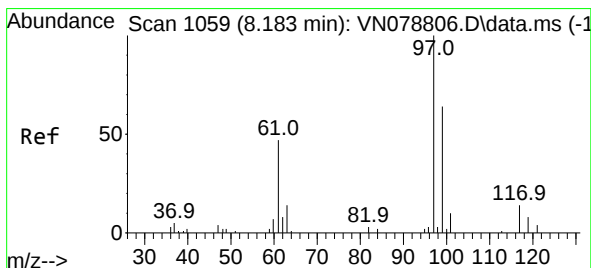
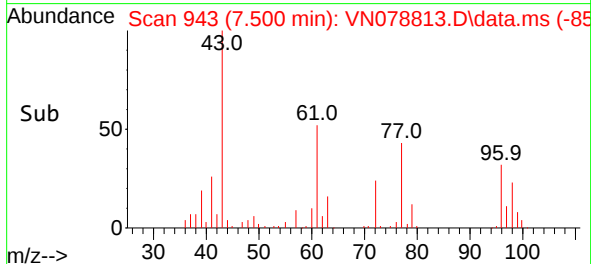
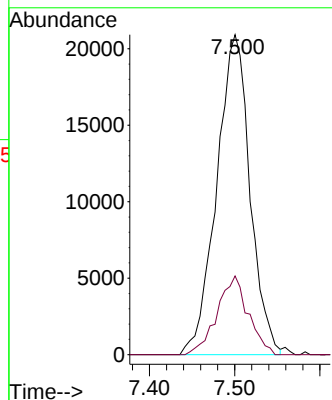
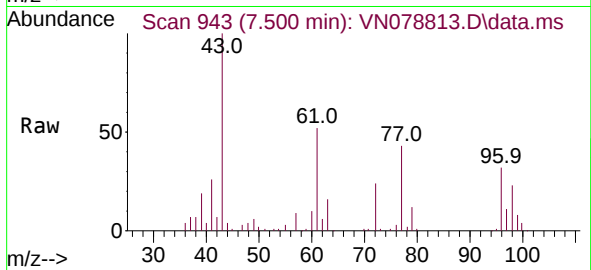
#31
2,2-Dichloropropane
Concen: 19.782 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01

Tgt Ion: 77 Resp: 56910
Ion Ratio Lower Upper
77 100
97 23.0 18.8 28.2

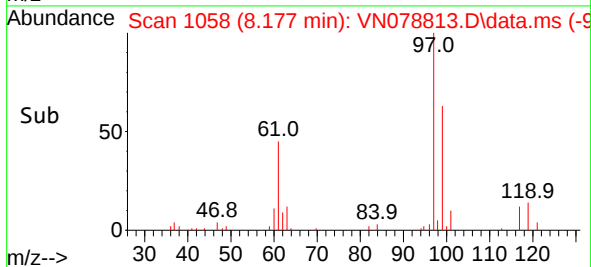
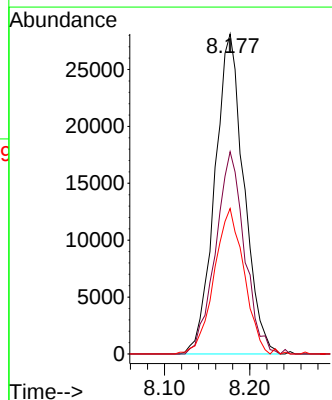
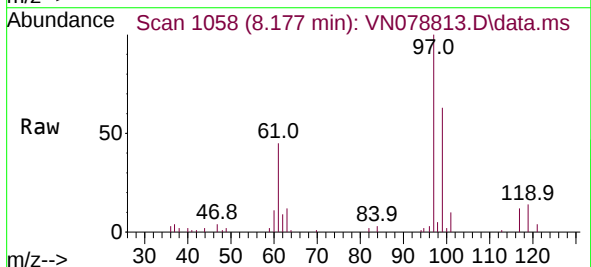
Manual Integrations
APPROVED

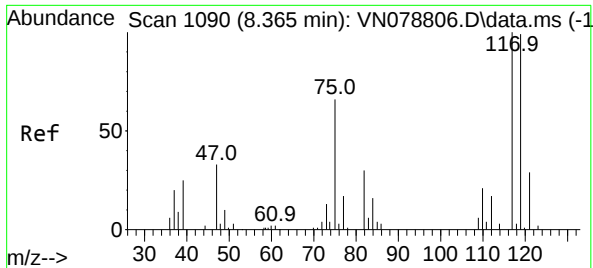
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#32
1,1,1-Trichloroethane
Concen: 20.294 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

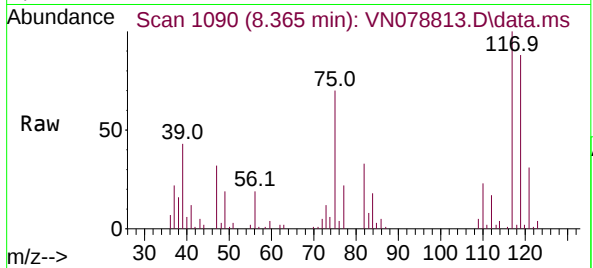
Tgt Ion: 97 Resp: 66685
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 46.5 34.6 52.0





#33
Carbon Tetrachloride
Concen: 19.445 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

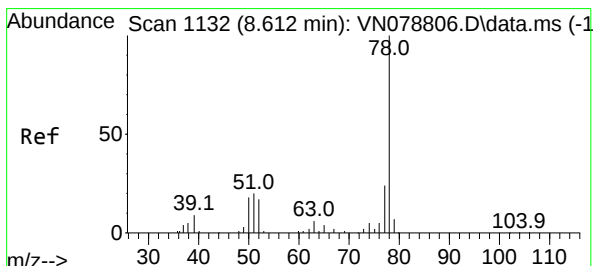
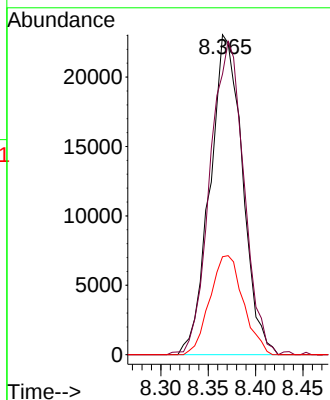
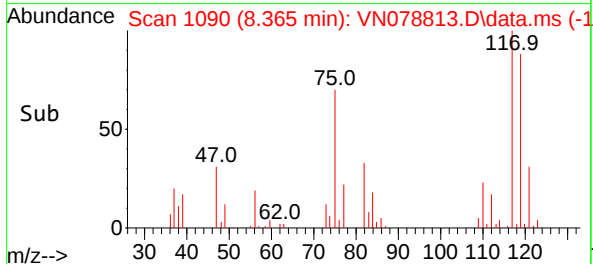
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



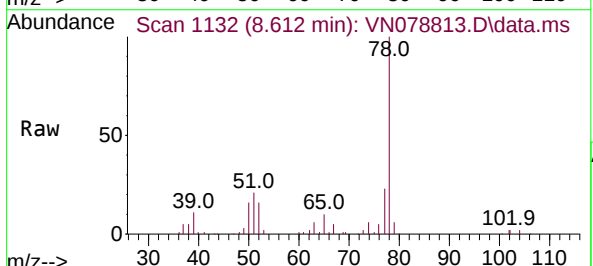
Tgt Ion:117 Resp: 55140
Ion Ratio Lower Upper
117 100
119 87.7 81.4 122.0
121 30.6 23.6 35.4

Manual Integrations
APPROVED

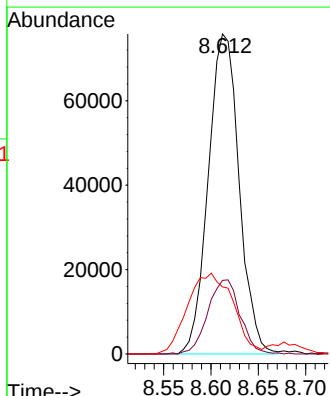
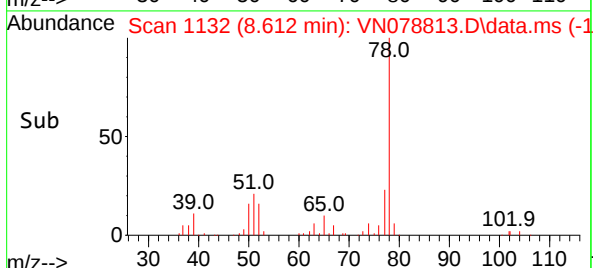
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

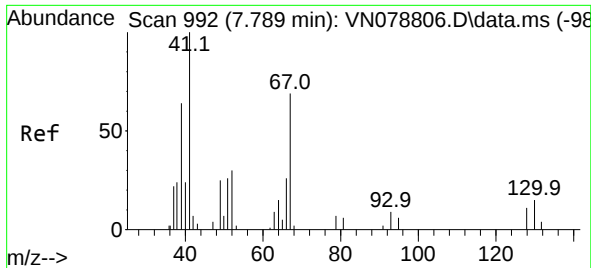


#34
Benzene
Concen: 20.245 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



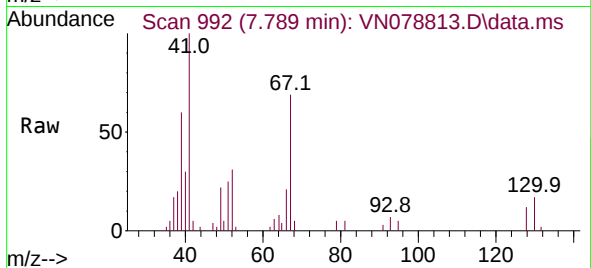
Tgt Ion: 78 Resp: 171883
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5
51 18.4 13.7 20.5





#35
Methacrylonitrile
Concen: 19.170 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

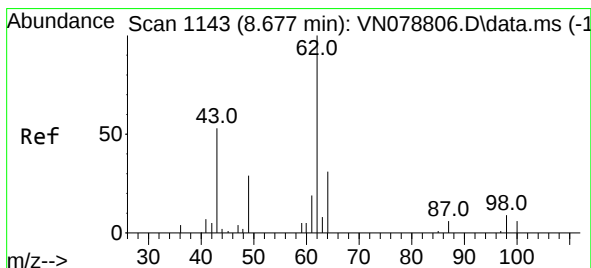
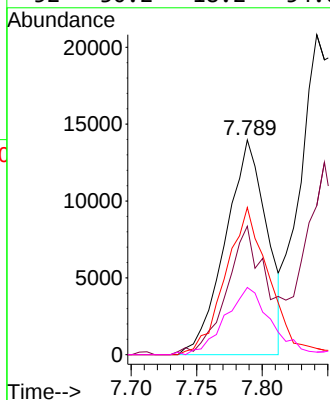
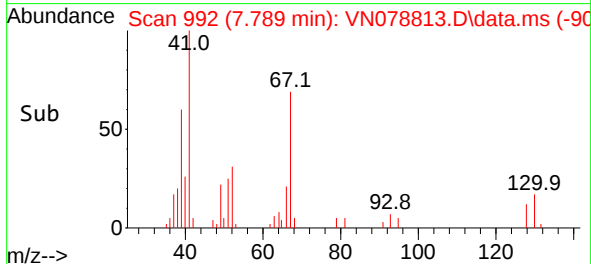
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion:	41	Resp:	3078
Ion Ratio	100	Lower	Upper
39	58.5	33.9	101.6
67	68.6	45.9	137.6
52	30.2	18.2	54.6

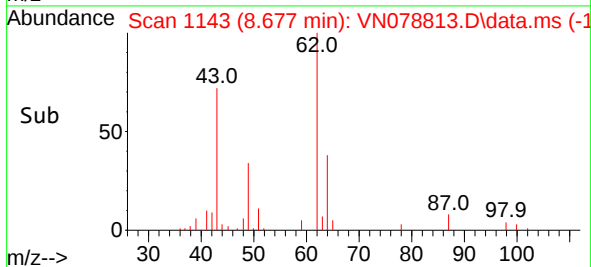
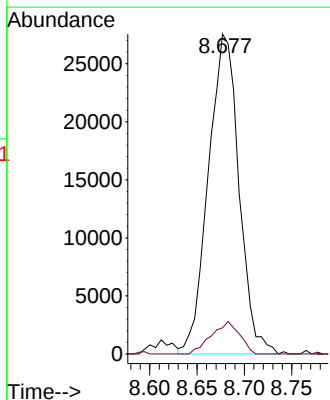
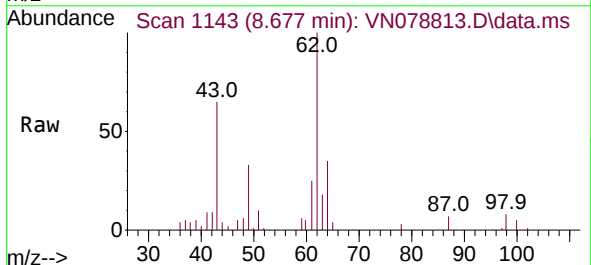
Manual Integrations
APPROVED

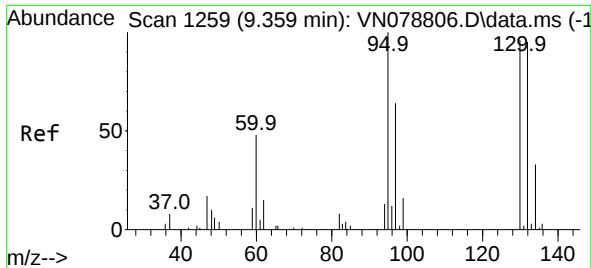
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#36
1,2-Dichloroethane
Concen: 20.895 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

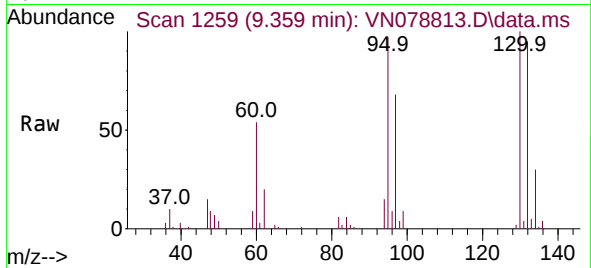
Tgt Ion:	62	Resp:	62015
Ion Ratio	100	Lower	Upper
98	9.3	7.4	11.0





#37
Trichloroethene
Concen: 19.913 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

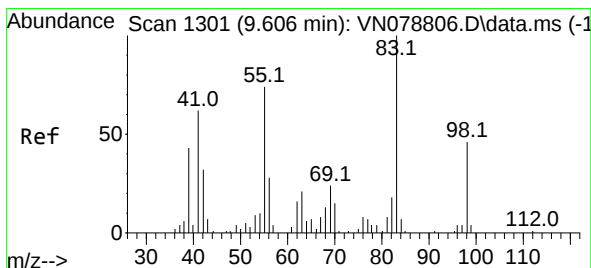
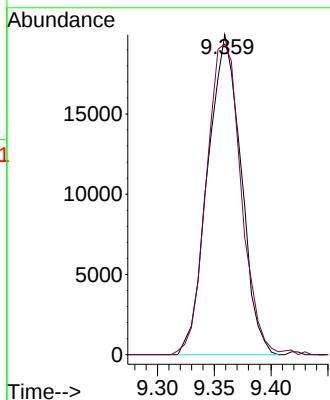
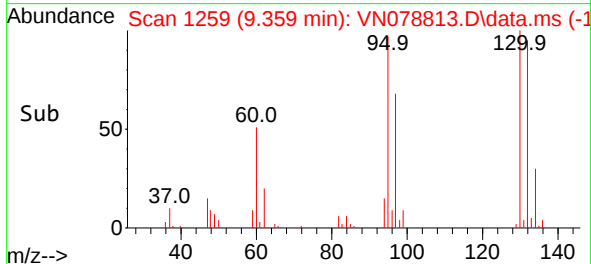
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



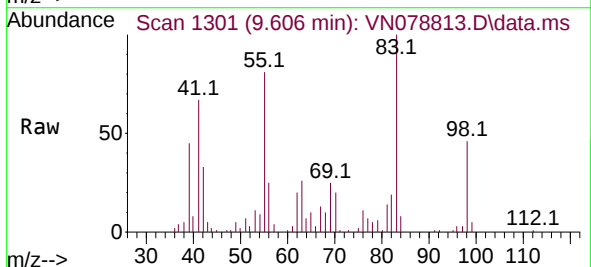
Tgt Ion:130 Resp: 4068
Ion Ratio Lower Upper
130 100
95 96.2 78.2 117.4

Manual Integrations
APPROVED

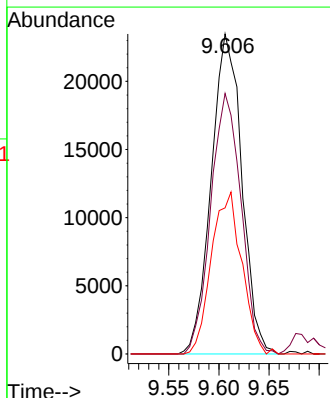
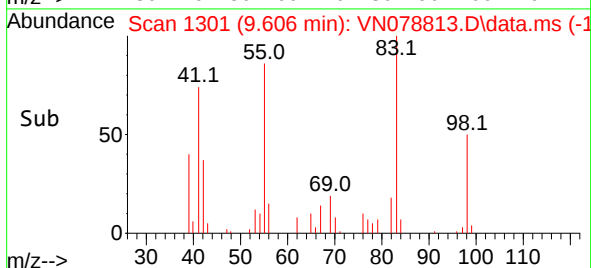
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

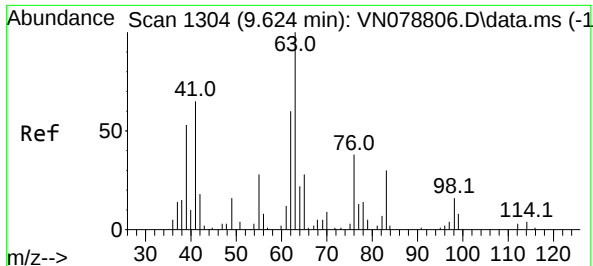


#38
Methylcyclohexane
Concen: 18.835 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



Tgt Ion: 83 Resp: 49757
Ion Ratio Lower Upper
83 100
55 80.5 34.0 102.0
98 49.9 23.0 69.0





#39

1,2-Dichloropropane

Concen: 19.883 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078813.D

Acq: 09 Aug 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBS01

Tgt Ion: 63 Resp: 4466

Ion Ratio Lower Upper

63 100

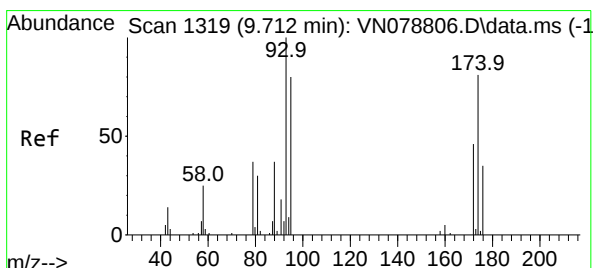
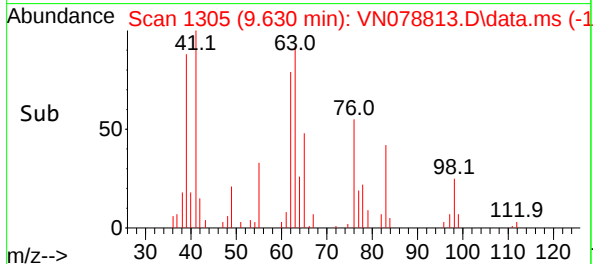
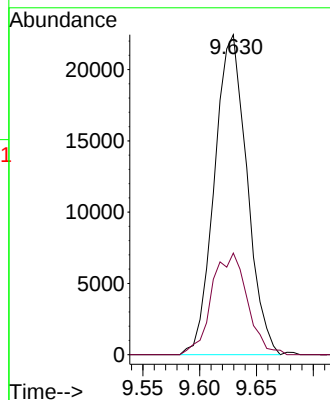
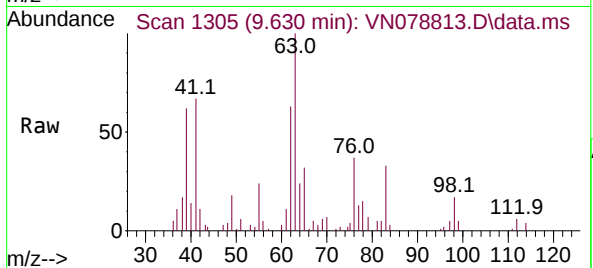
65 31.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#40

Dibromomethane

Concen: 20.920 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078813.D

Acq: 09 Aug 2023 11:53

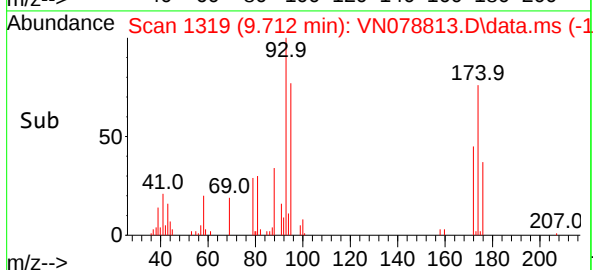
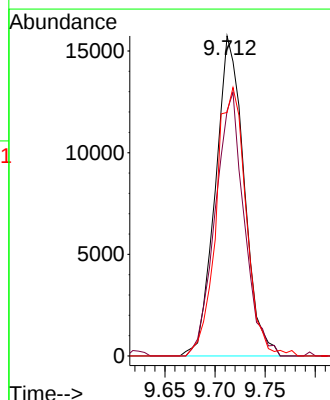
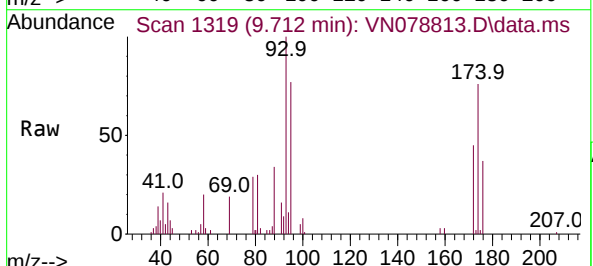
Tgt Ion: 93 Resp: 31291

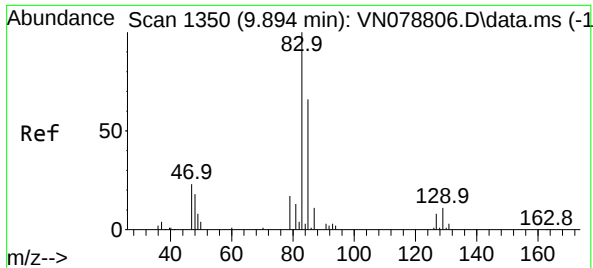
Ion Ratio Lower Upper

93 100

95 82.9 0.0 167.8

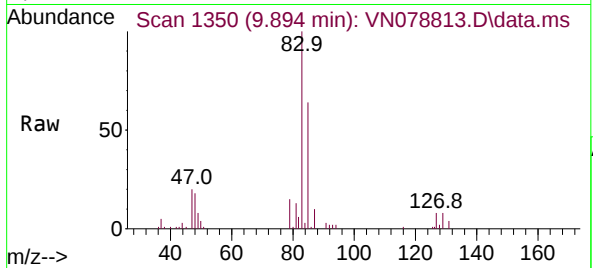
174 86.6 0.0 180.8





#41
Bromodichloromethane
Concen: 20.457 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

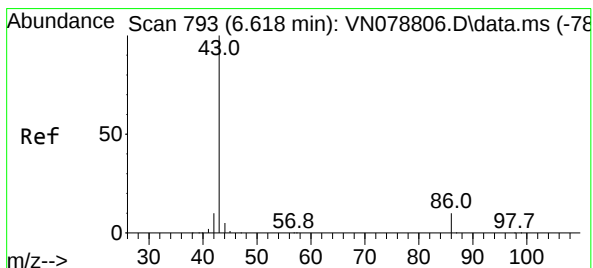
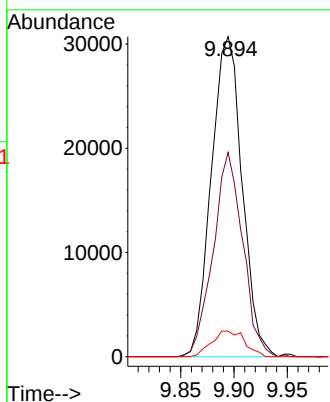
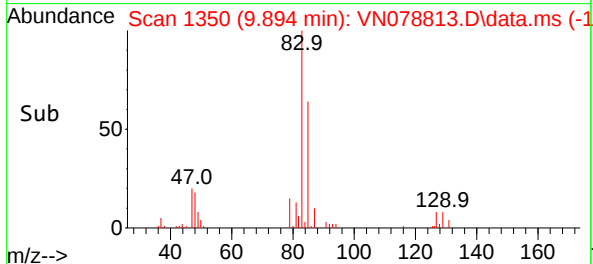
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



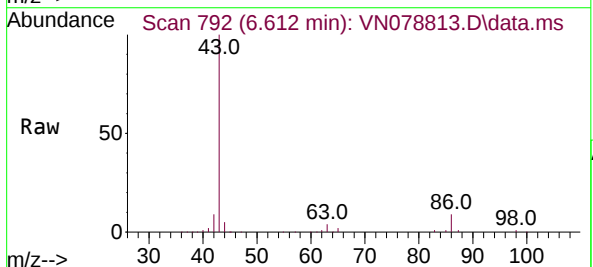
Tgt Ion: 83 Resp: 61650
Ion Ratio Lower Upper
83 100
85 63.8 54.1 81.1
127 7.9 7.8 11.6

Manual Integrations
APPROVED

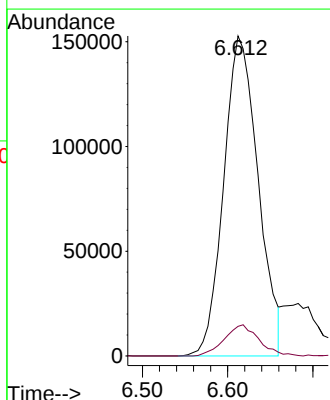
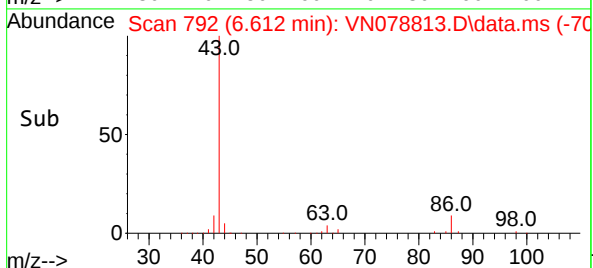
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

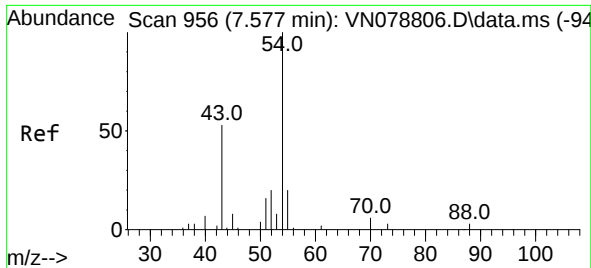


#42
Vinyl Acetate
Concen: 99.762 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



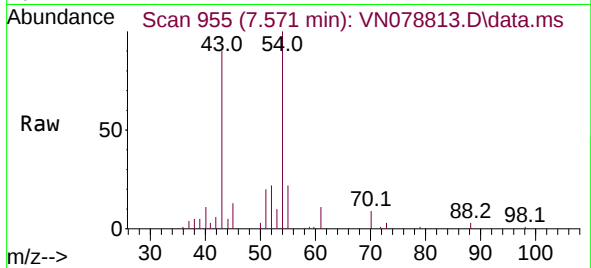
Tgt Ion: 43 Resp: 429336
Ion Ratio Lower Upper
43 100
86 9.8 9.4 14.0





#43
Ethyl Acetate
Concen: 20.503 ug/l m
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

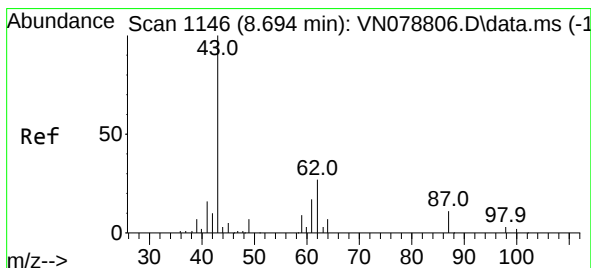
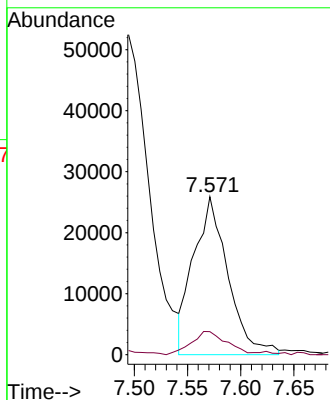
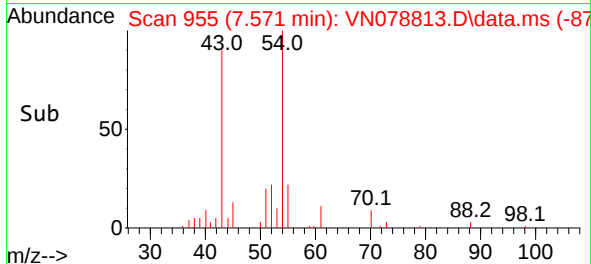
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 43 Resp: 58208
Ion Ratio Lower Upper
43 100
45 14.8 10.9 16.3

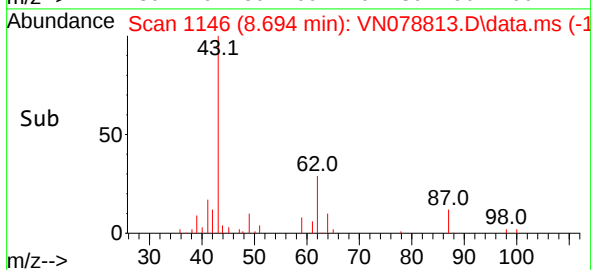
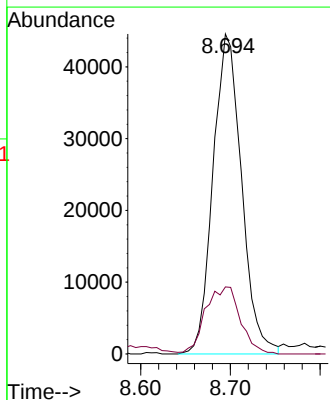
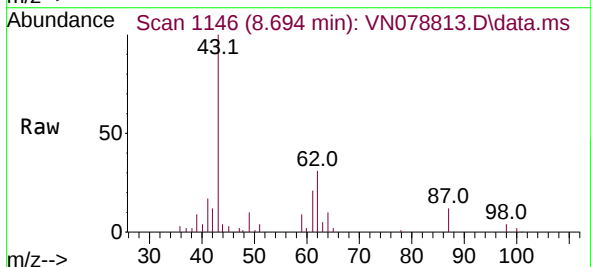
Manual Integrations
APPROVED

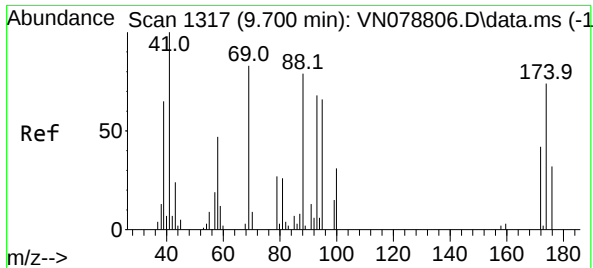
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#44
Isopropyl Acetate
Concen: 19.322 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

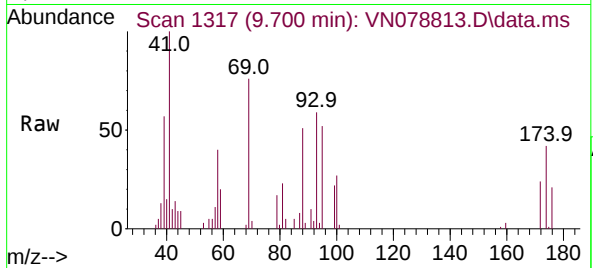
Tgt Ion: 43 Resp: 98503
Ion Ratio Lower Upper
43 100
61 25.6 23.0 34.6





#45
1,4-Dioxane
Concen: 393.684 ug/l m
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

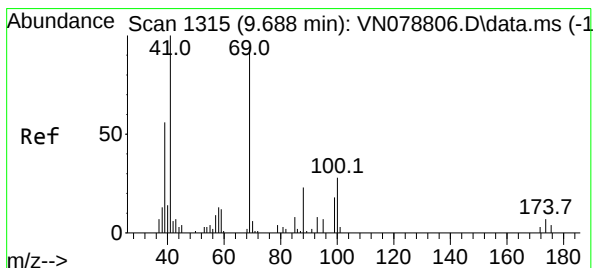
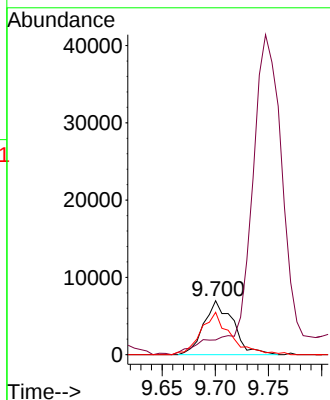
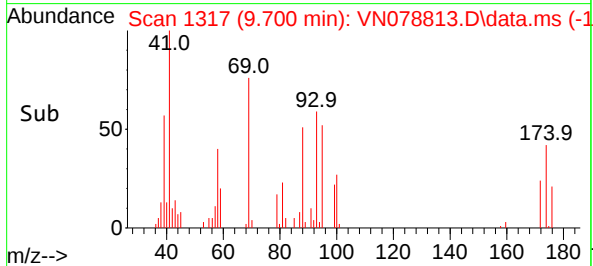
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



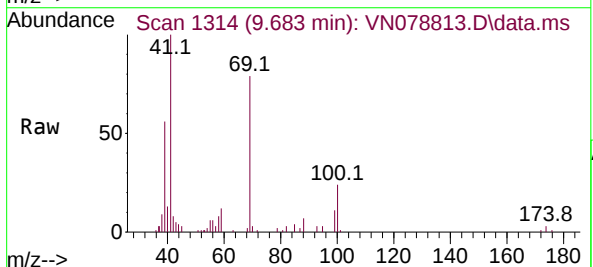
Tgt Ion: 88 Resp: 1346
Ion Ratio Lower Upper
88 100
43 7.1 19.0 28.6
58 79.1 48.2 72.2

Manual Integrations
APPROVED

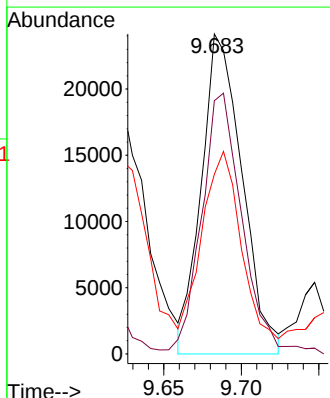
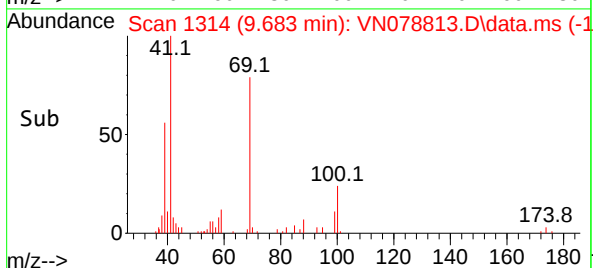
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

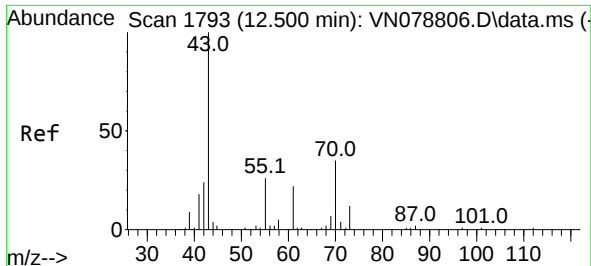


#46
Methyl methacrylate
Concen: 20.435 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



Tgt Ion: 41 Resp: 44114
Ion Ratio Lower Upper
41 100
69 81.9 49.0 147.0
39 54.7 31.6 94.8





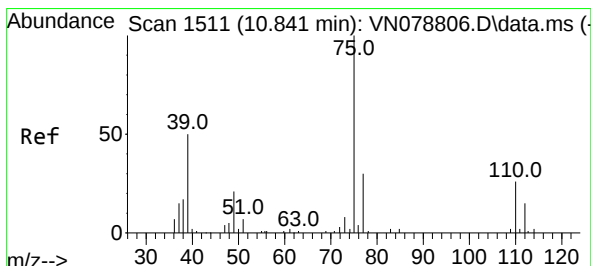
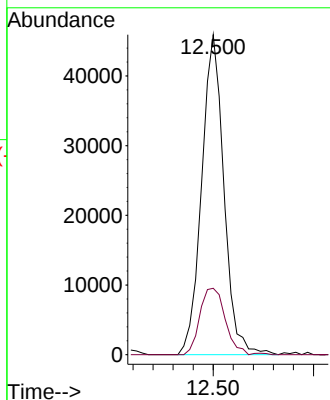
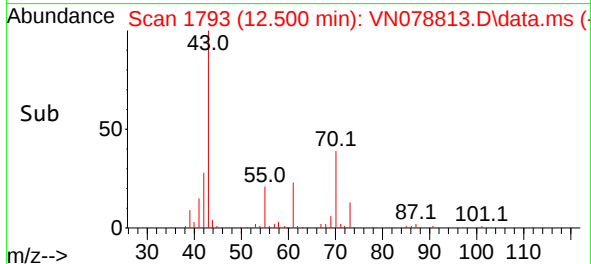
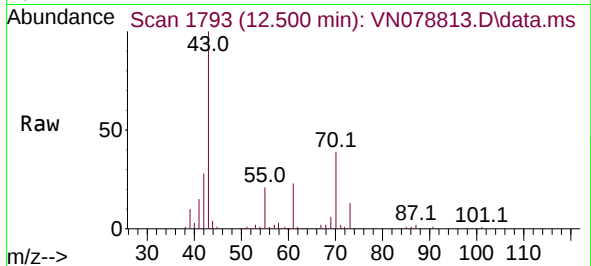
#47
n-amyl acetate
Concen: 19.920 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01

Tgt Ion: 43 Resp: 7099
Ion Ratio Lower Upper
43 100
55 23.5 21.5 32.3

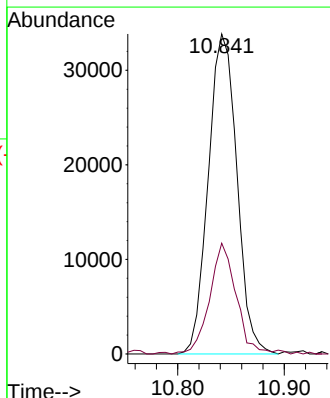
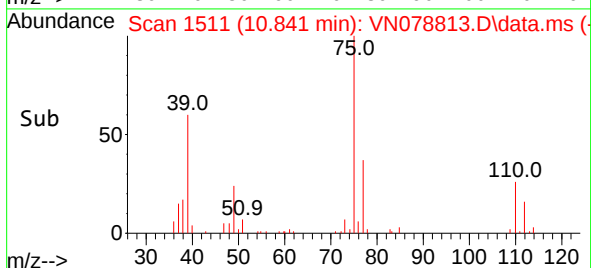
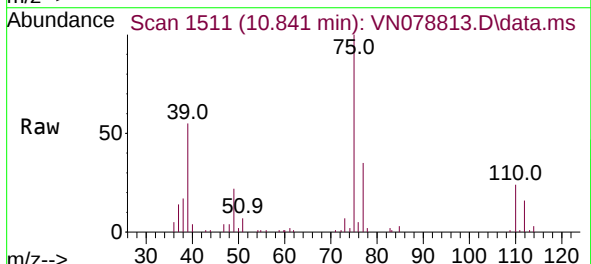
Manual Integrations
APPROVED

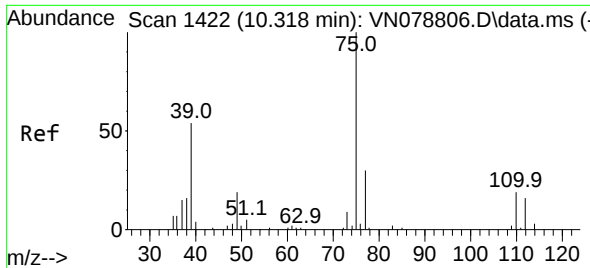
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#48
t-1,3-Dichloropropene
Concen: 20.743 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

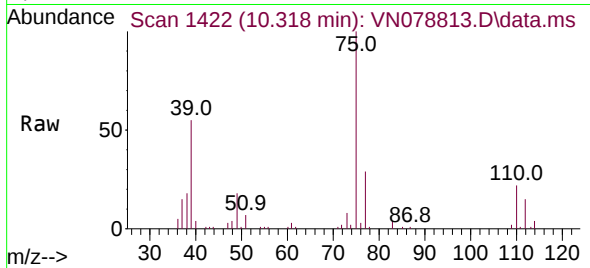
Tgt Ion: 75 Resp: 63126
Ion Ratio Lower Upper
75 100
77 34.0 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 20.271 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078813.D
 Acq: 09 Aug 2023 11:53

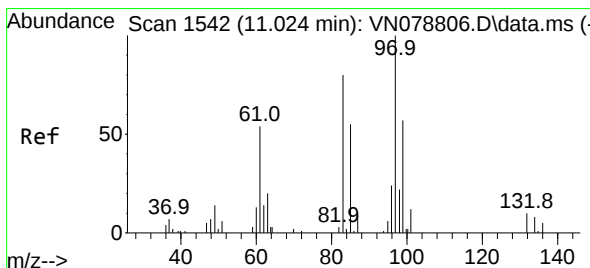
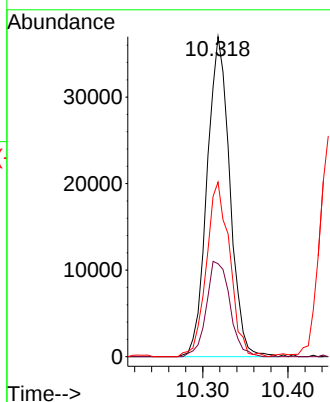
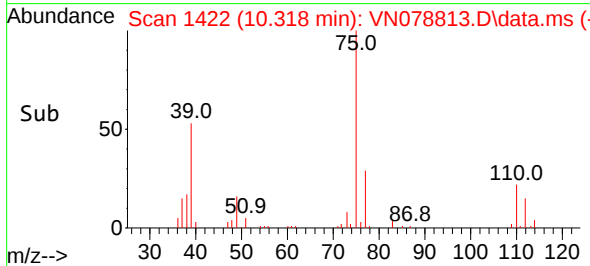
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBS01



Tgt Ion: 75 Resp: 6860
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.0 36.0
 39 54.6 35.1 52.7

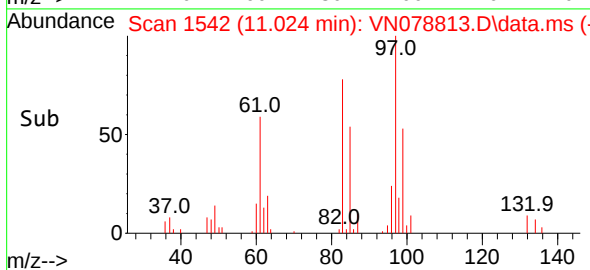
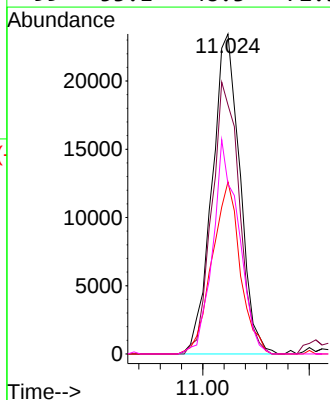
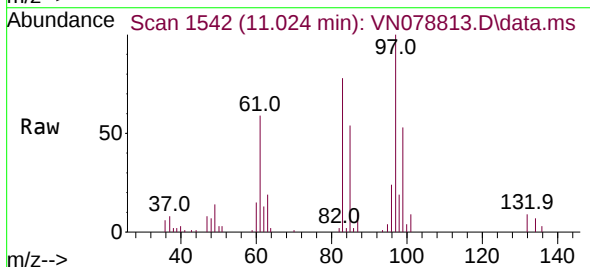
Manual Integrations
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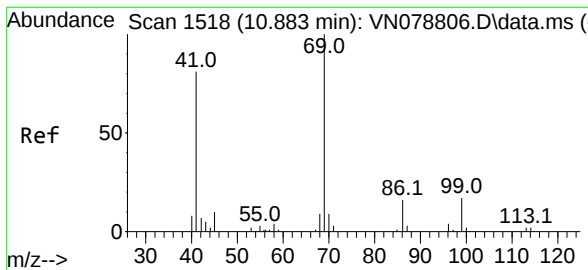
Reviewed By :John Carlone 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.988 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: VN078813.D
 Acq: 09 Aug 2023 11:53

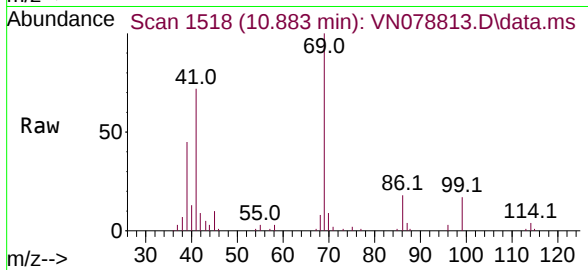
Tgt Ion: 97 Resp: 42657
 Ion Ratio Lower Upper
 97 100
 83 77.9 66.8 100.2
 85 53.7 42.5 63.7
 99 53.1 48.3 72.5





#51
Ethyl methacrylate
Concen: 20.310 ug/l
RT: 10.883 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

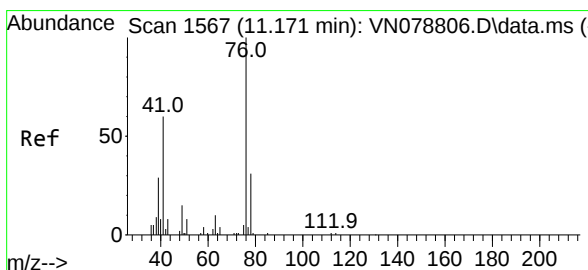
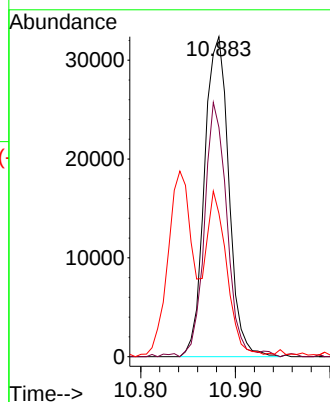
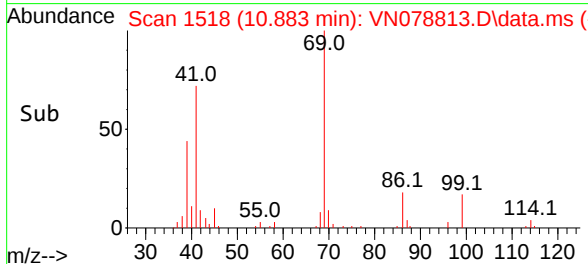
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



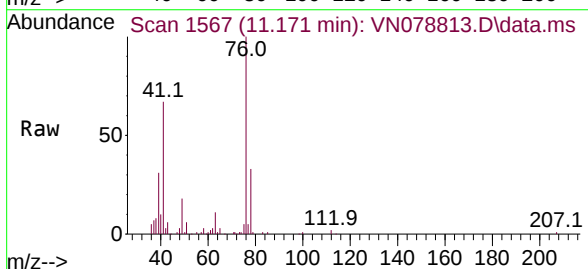
Tgt Ion: 69 Resp: 5785
Ion Ratio Lower Upper
69 100
41 71.6 26.0 78.0
39 42.5 16.3 48.9

Manual Integrations
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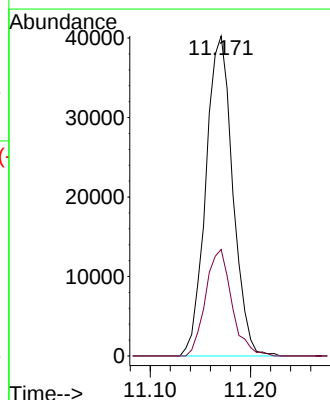
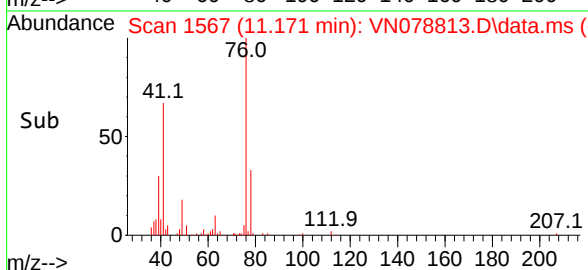
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

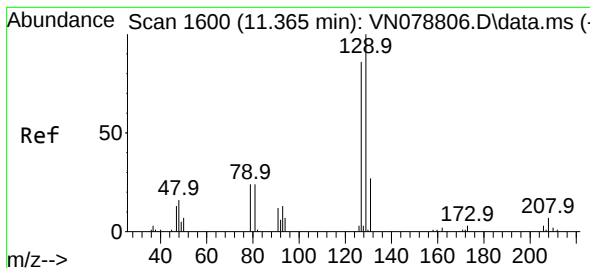


#52
1,3-Dichloropropane
Concen: 21.495 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



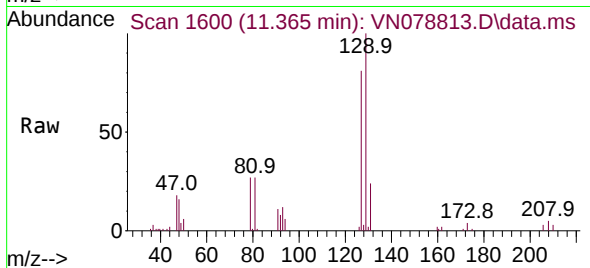
Tgt Ion: 76 Resp: 75015
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.2





#53
Dibromochloromethane
Concen: 21.080 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

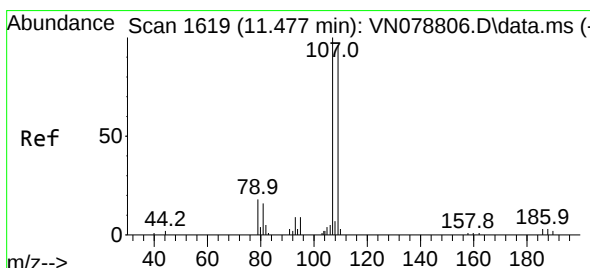
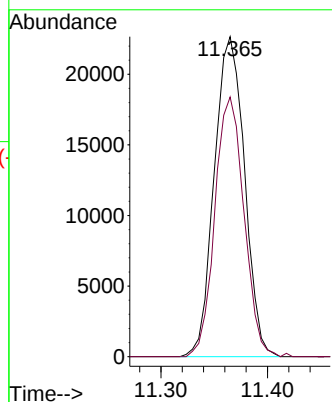
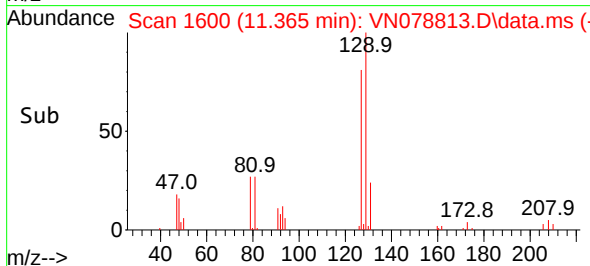
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



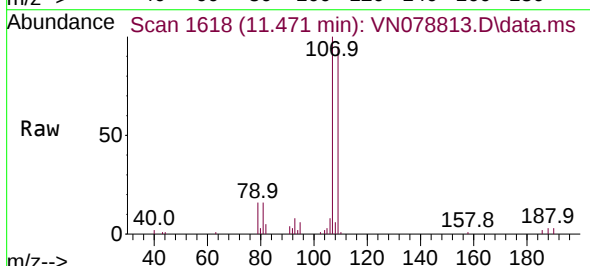
Tgt Ion:129 Resp: 44710
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.1

Manual Integrations
APPROVED

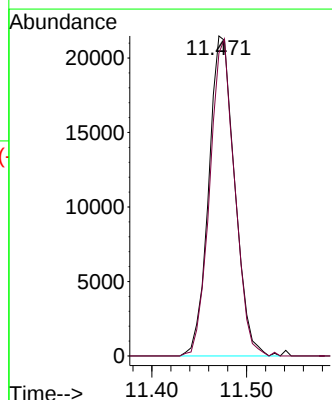
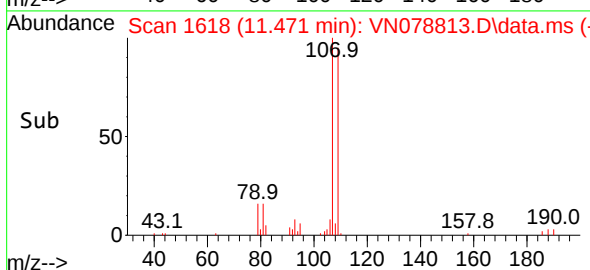
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

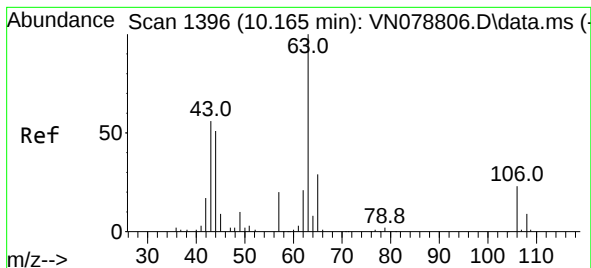


#54
1,2-Dibromoethane
Concen: 20.566 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



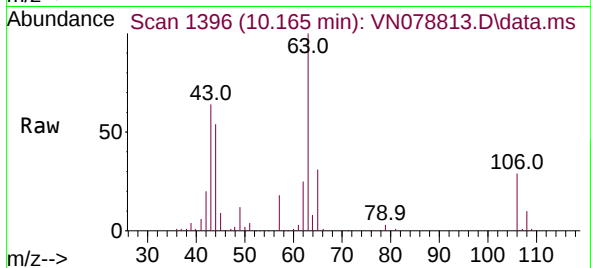
Tgt Ion:107 Resp: 40838
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 103.307 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

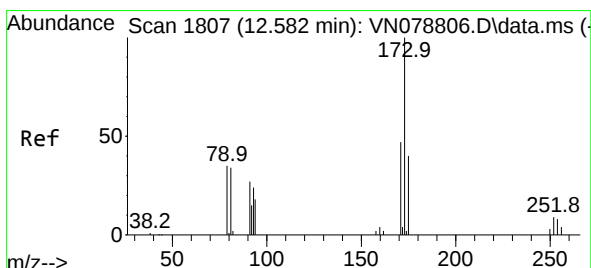
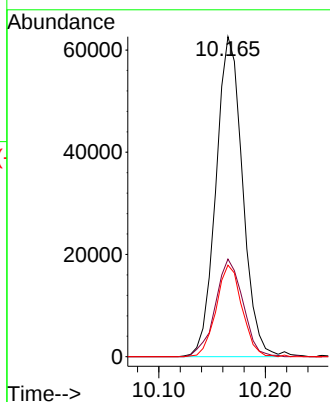
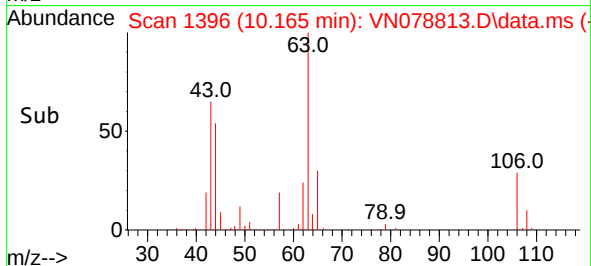
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 63 Resp: 108538
Ion Ratio Lower Upper
63 100
65 31.6 26.3 39.5
106 27.7 23.8 35.6

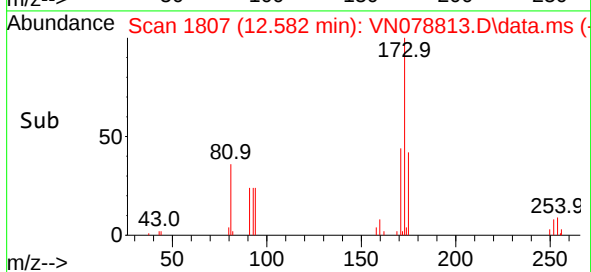
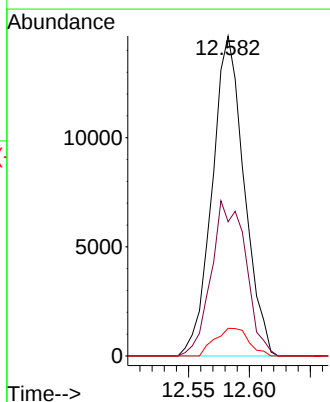
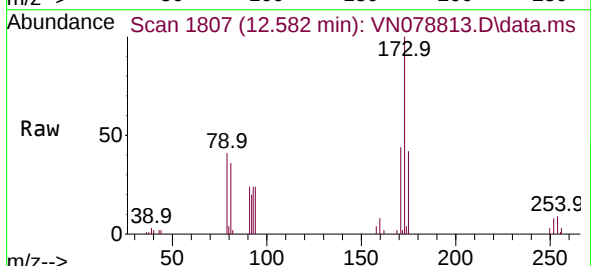
Manual Integrations
APPROVED

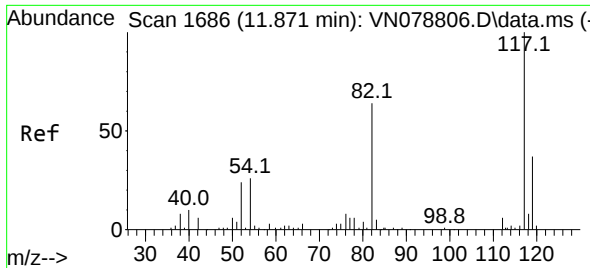
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#56
Bromoform
Concen: 20.207 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

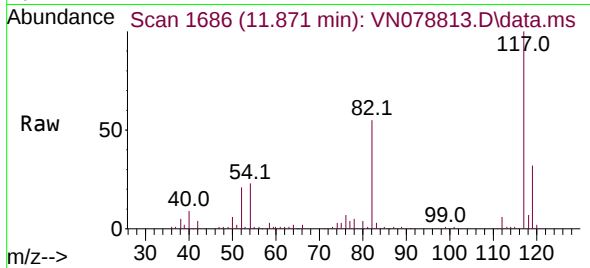
Tgt Ion:173 Resp: 26833
Ion Ratio Lower Upper
173 100
175 28.9 40.7 61.1#
254 9.1 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

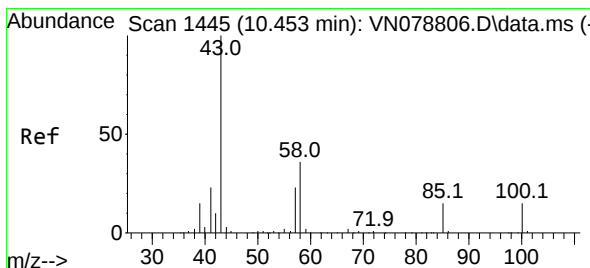
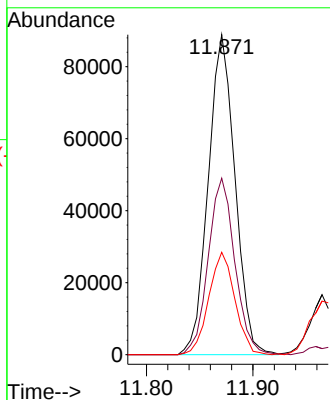
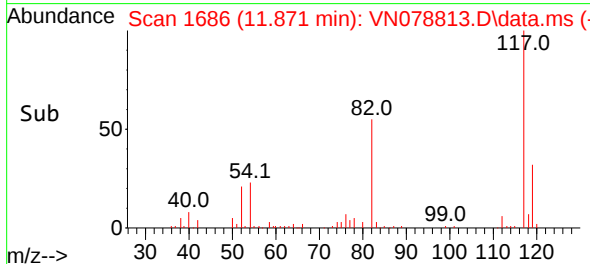
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



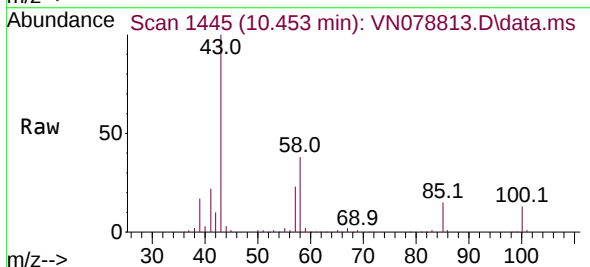
Tgt Ion:117 Resp: 15532
Ion Ratio Lower Upper
117 100
82 55.0 43.9 65.9
119 31.2 26.2 39.4

Manual Integrations
APPROVED

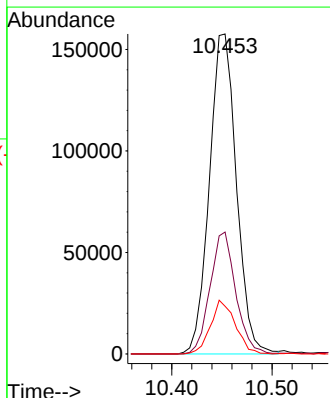
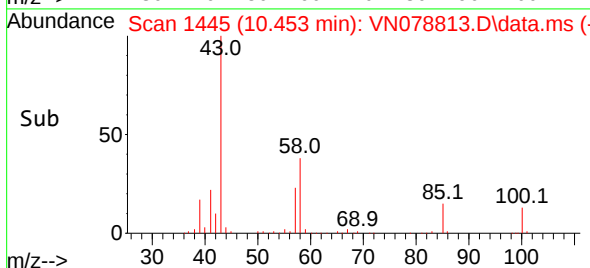
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

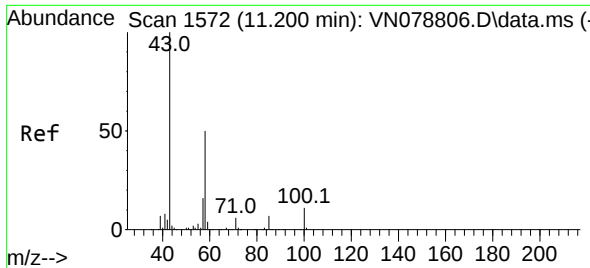


#58
4-Methyl-2-Pentanone
Concen: 98.931 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



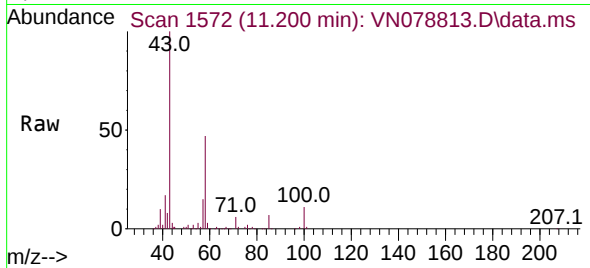
Tgt Ion: 43 Resp: 295365
Ion Ratio Lower Upper
43 100
58 36.1 32.6 48.8
85 15.3 16.2 24.2#





#59
2-Hexanone
Concen: 98.851 ug/l
RT: 11.200 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

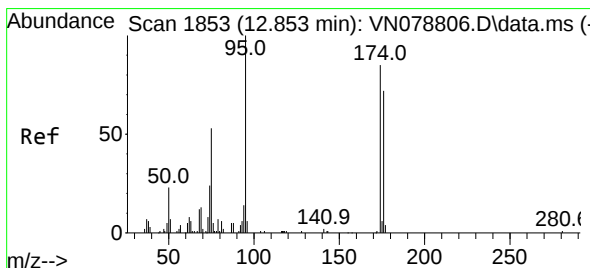
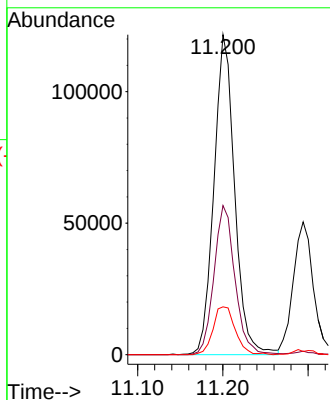
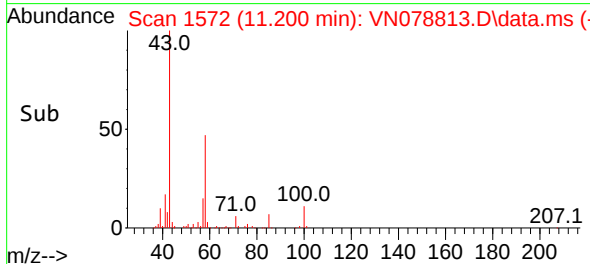
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 43 Resp: 205080
Ion Ratio Lower Upper
43 100
58 47.4 45.9 68.9
57 15.9 15.8 23.6

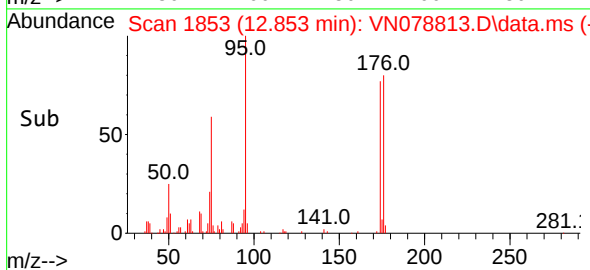
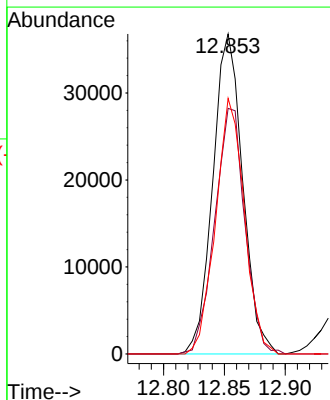
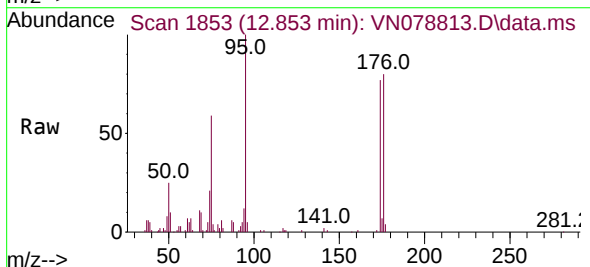
Manual Integrations
APPROVED

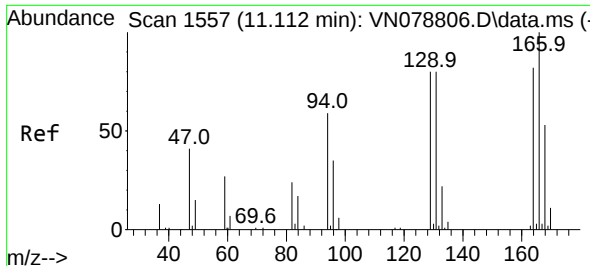
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#60
4-Bromofluorobenzene
Concen: 28.737 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

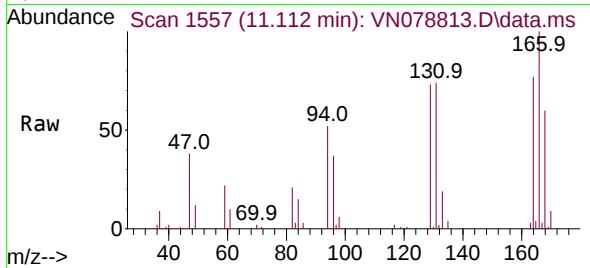
Tgt Ion: 95 Resp: 62654
Ion Ratio Lower Upper
95 100
174 77.7 61.7 92.5
176 76.9 58.1 87.1





#61
Tetrachloroethene
Concen: 21.043 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

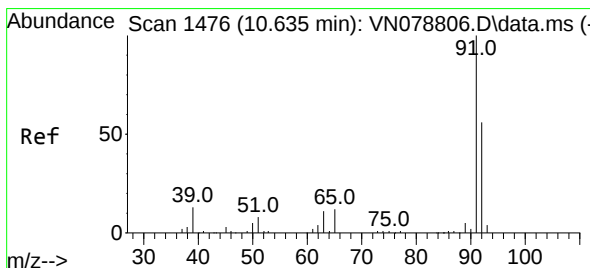
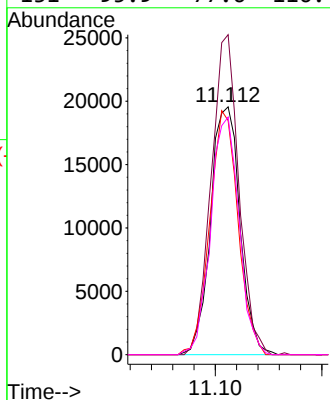
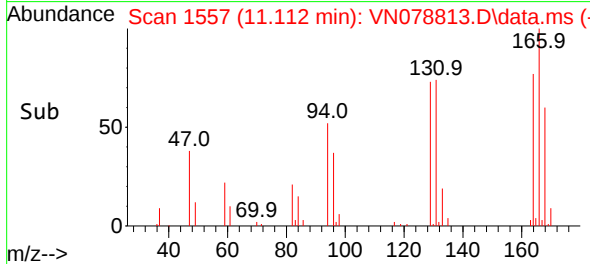
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



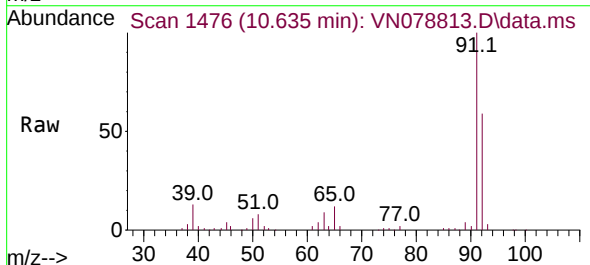
Tgt Ion:164 Resp: 3739
Ion Ratio Lower Upper
164 100
166 129.1 99.1 148.7
129 94.5 85.6 128.4
131 95.9 77.6 116.4

Manual Integrations
APPROVED

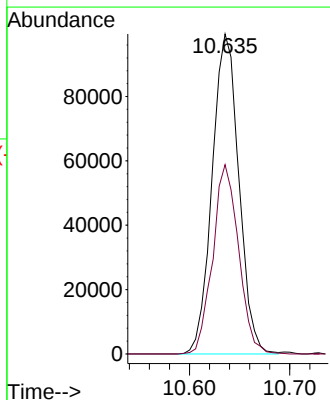
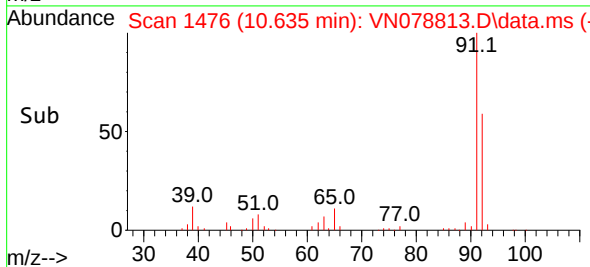
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

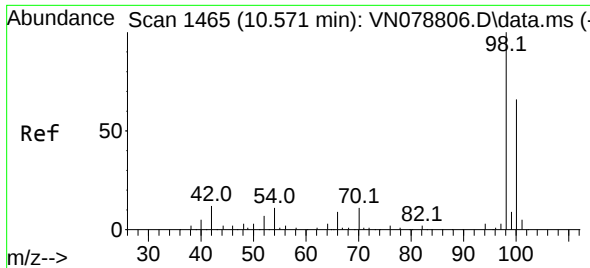


#62
Toluene
Concen: 20.113 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



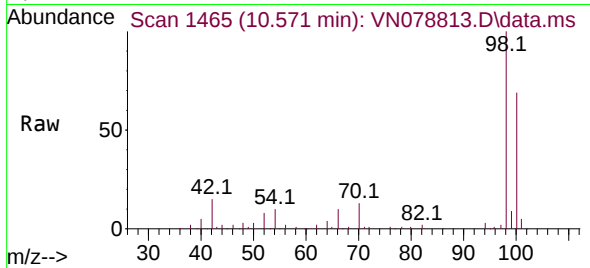
Tgt Ion: 91 Resp: 183929
Ion Ratio Lower Upper
91 100
92 57.3 45.2 67.8





#63
Toluene-d8
Concen: 29.371 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

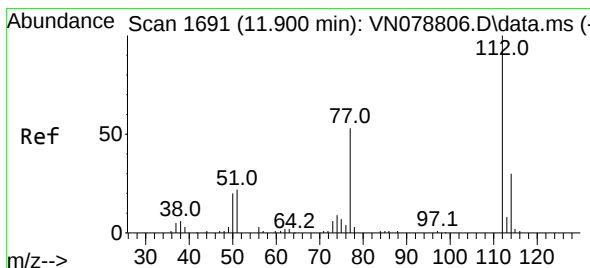
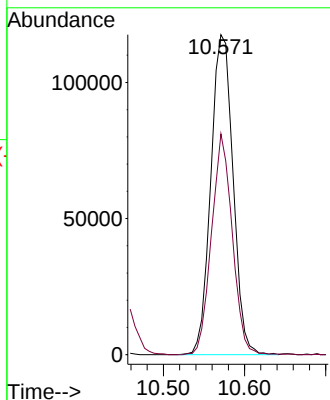
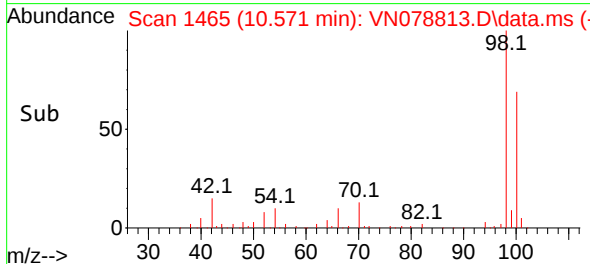
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



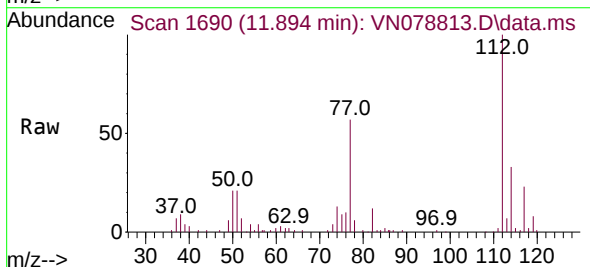
Tgt Ion: 98 Resp: 223560
Ion Ratio Lower Upper
98 100
100 64.4 49.7 74.5

Manual Integrations
APPROVED

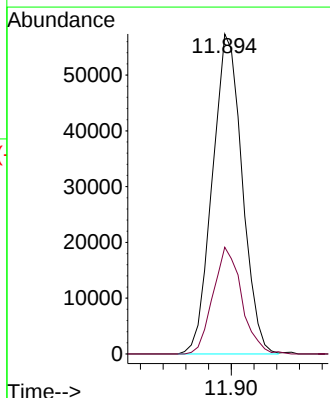
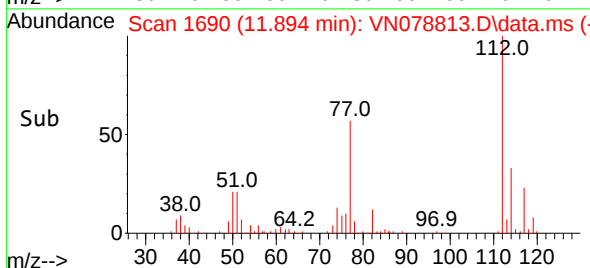
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

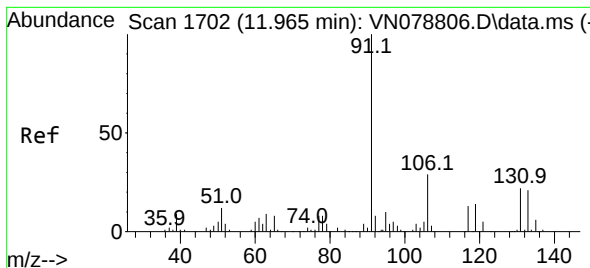


#64
Chlorobenzene
Concen: 19.505 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



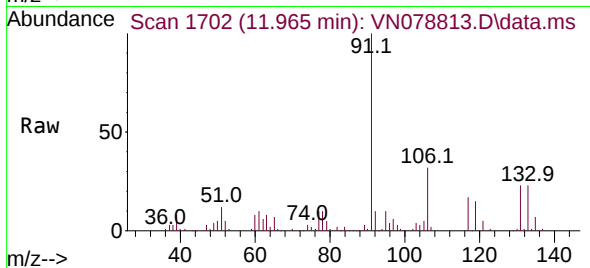
Tgt Ion:112 Resp: 104423
Ion Ratio Lower Upper
112 100
114 33.3 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.917 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

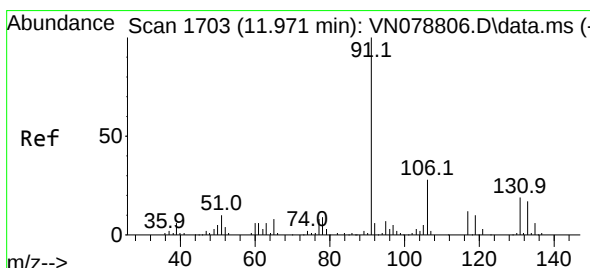
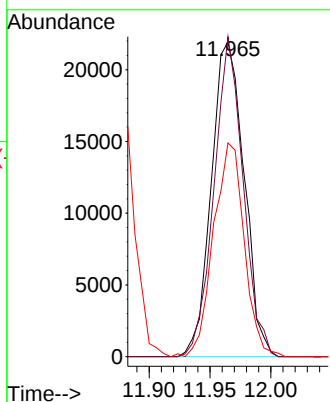
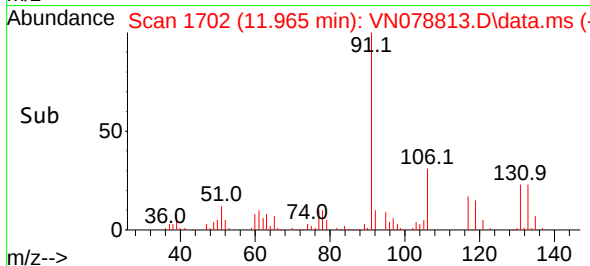
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion:131 Resp: 41080
Ion Ratio Lower Upper
131 100
133 90.3 0.0 191.8
119 63.4 0.0 132.0

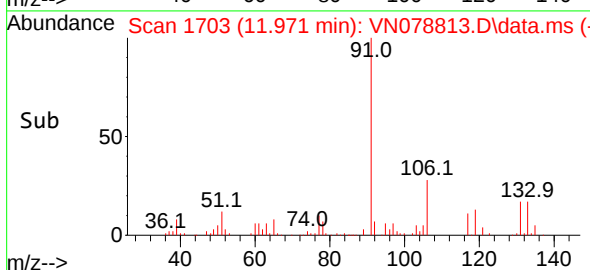
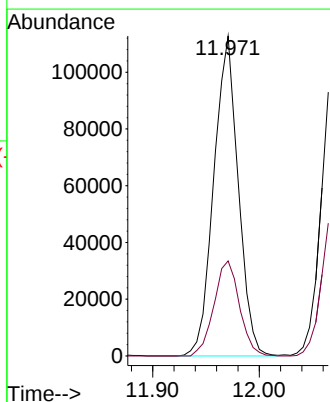
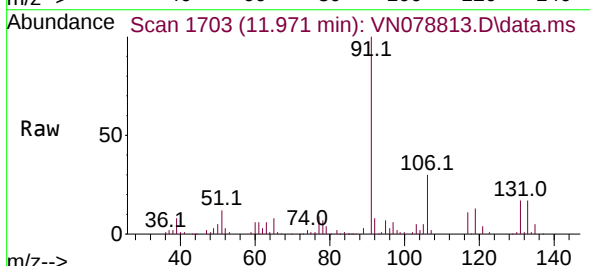
Manual Integrations
APPROVED

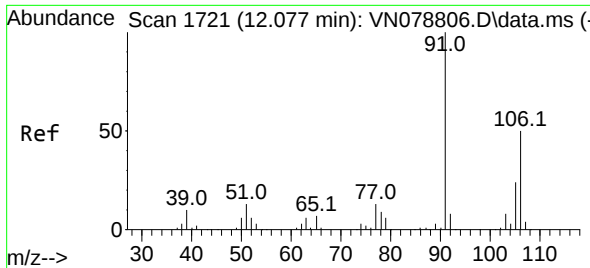
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#66
Ethyl Benzene
Concen: 18.900 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Tgt Ion: 91 Resp: 179501
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4





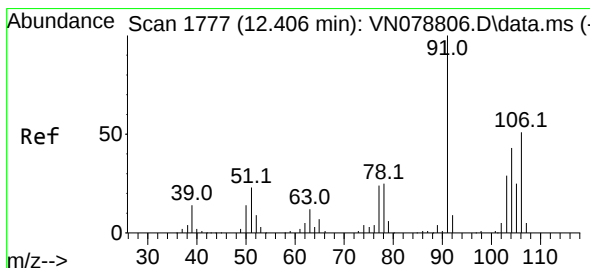
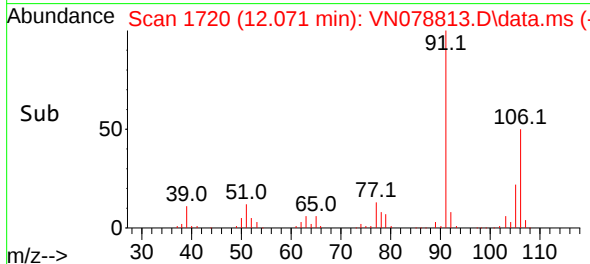
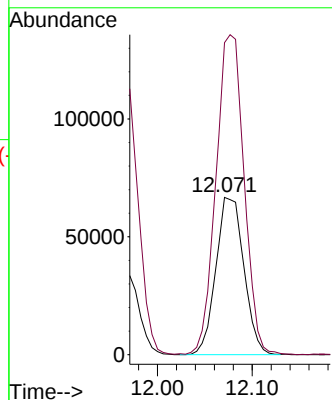
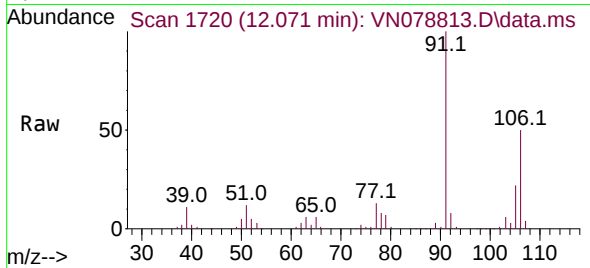
#67
m/p-Xylenes
Concen: 39.374 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01

Tgt Ion:106 Resp: 137114
Ion Ratio Lower Upper
106 100
91 204.5 162.5 243.7

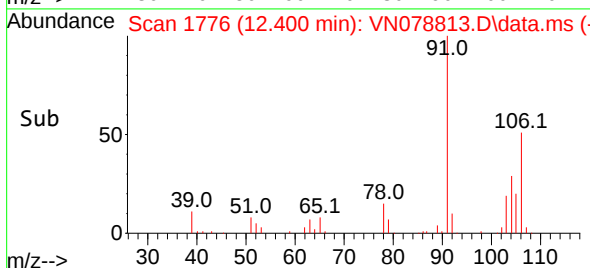
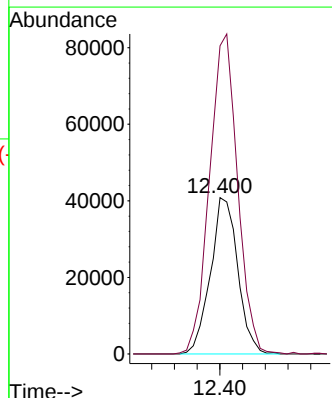
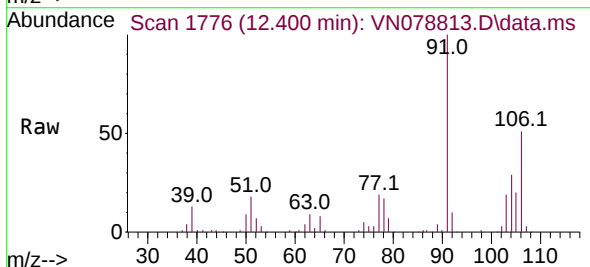
Manual Integrations
APPROVED

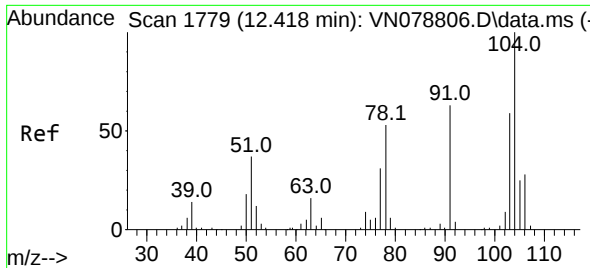
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#68
o-Xylene
Concen: 19.664 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

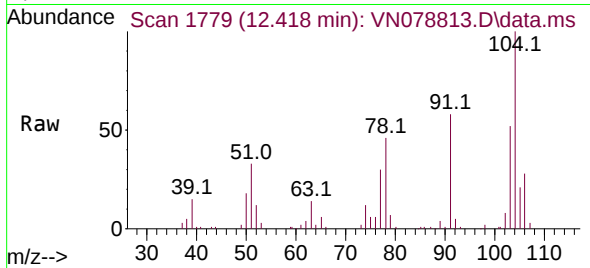
Tgt Ion:106 Resp: 68161
Ion Ratio Lower Upper
106 100
91 210.2 106.1 318.3





#69
Styrene
Concen: 19.757 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

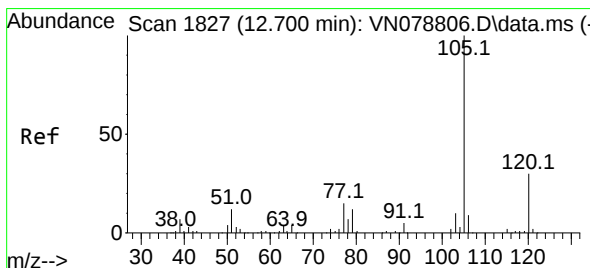
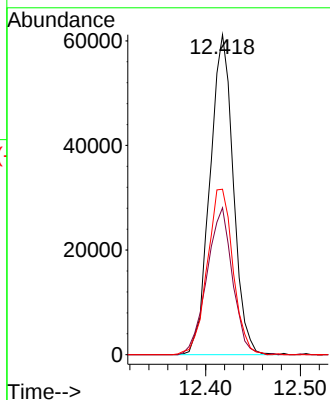
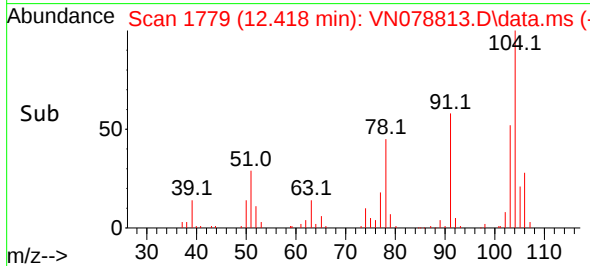
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



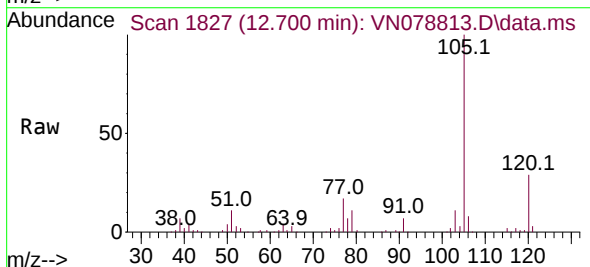
Tgt Ion:104 Resp: 104640
Ion Ratio Lower Upper
104 100
78 50.1 40.1 60.1
103 57.1 45.1 67.7

Manual Integrations
APPROVED

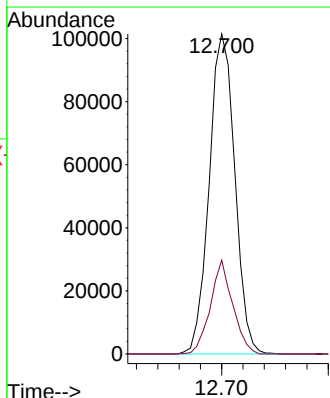
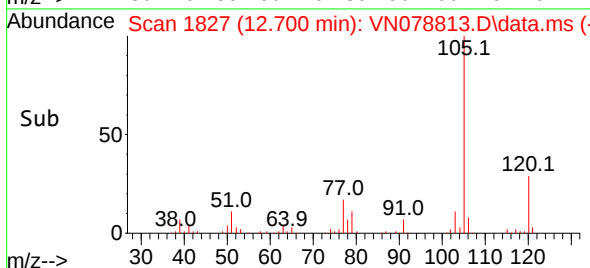
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

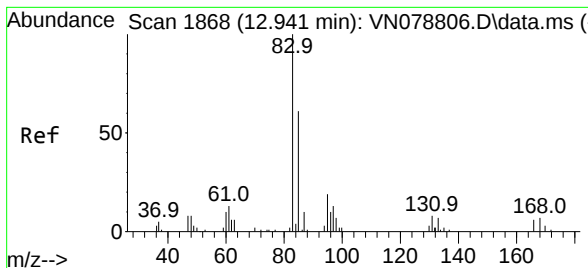


#70
Isopropylbenzene
Concen: 19.783 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



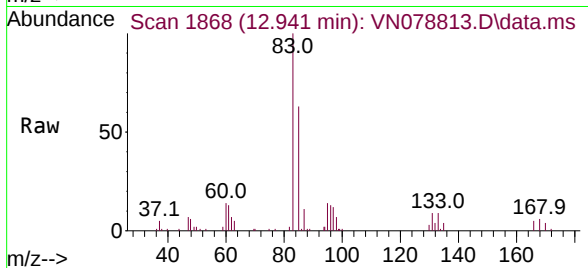
Tgt Ion:105 Resp: 169375
Ion Ratio Lower Upper
105 100
120 25.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.861 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

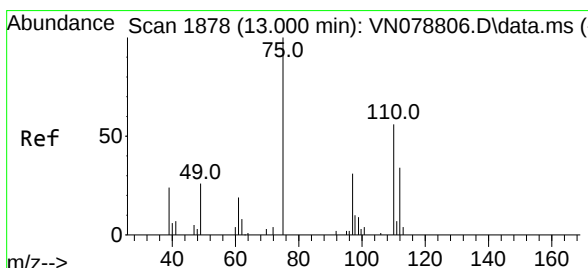
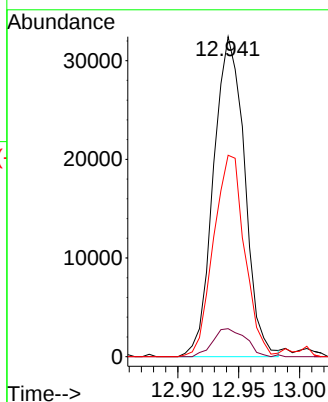
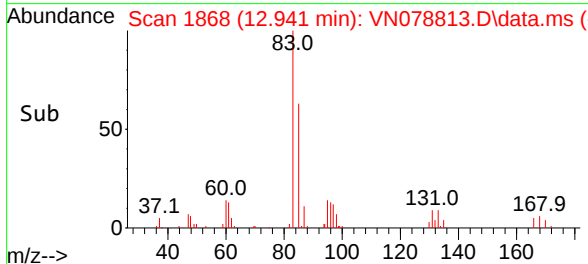
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 83 Resp: 5762
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 63.0 32.6 98.0

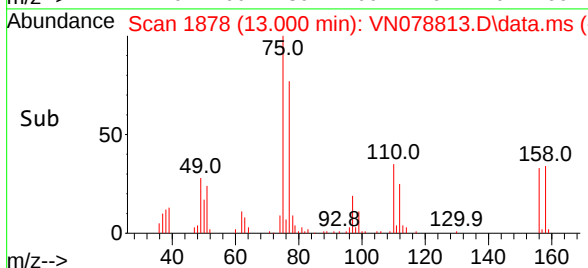
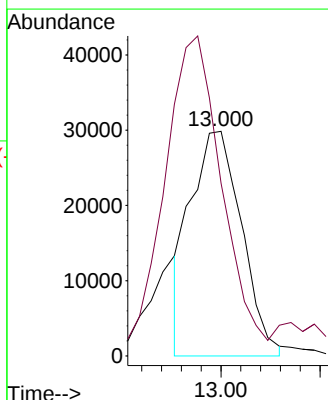
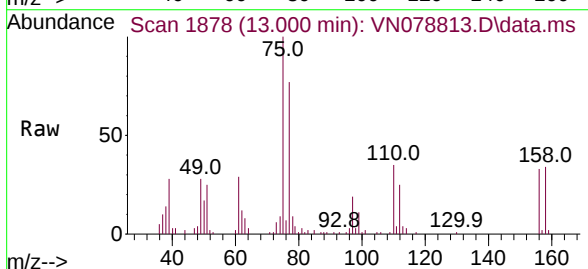
Manual Integrations
APPROVED

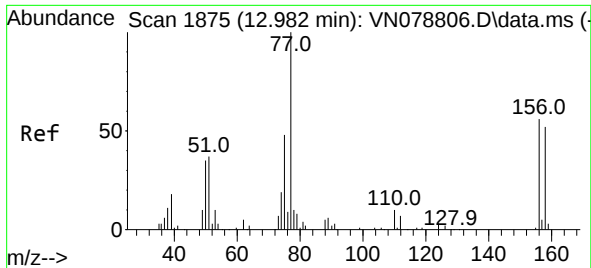
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#72
1,2,3-Trichloropropane
Concen: 21.002 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

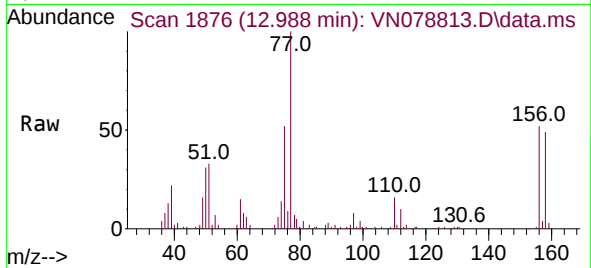
Tgt Ion: 75 Resp: 53188
Ion Ratio Lower Upper
75 100
77 162.1 0.0 387.4





#73
Bromobenzene
Concen: 18.952 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

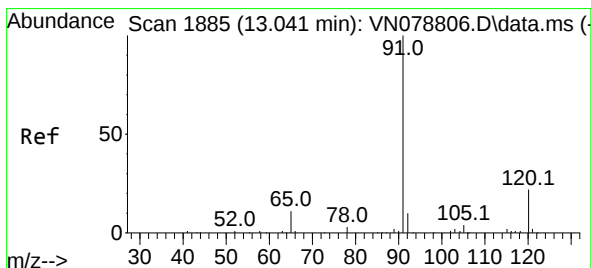
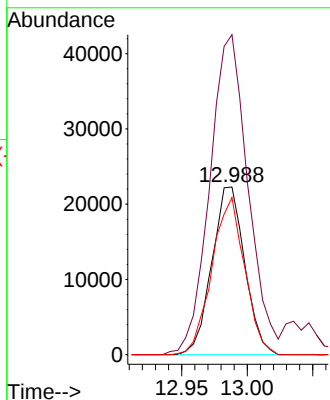
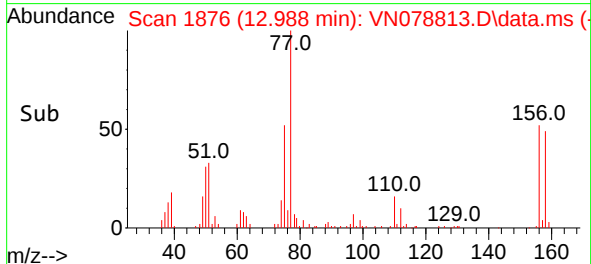
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



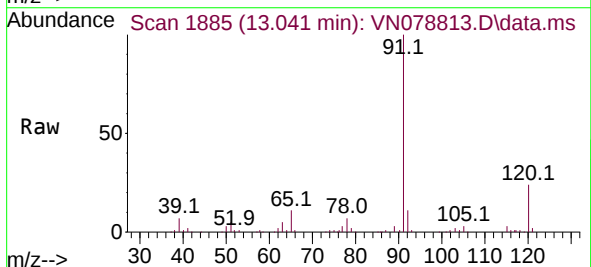
Tgt Ion:156 Resp: 3878
Ion Ratio Lower Upper
156 100
77 222.3 0.0 420.8
158 93.8 0.0 193.2

Manual Integrations
APPROVED

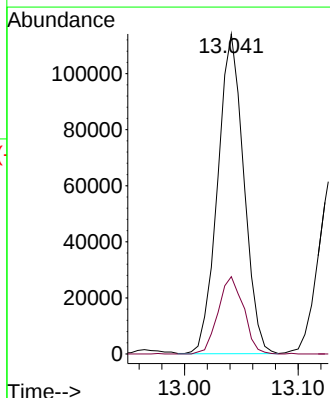
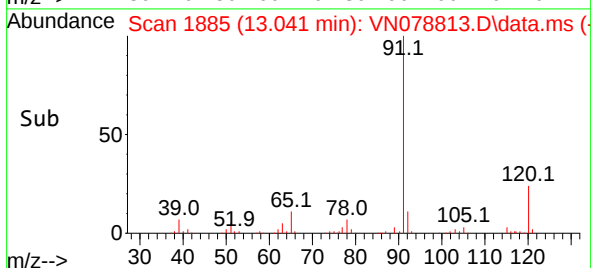
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

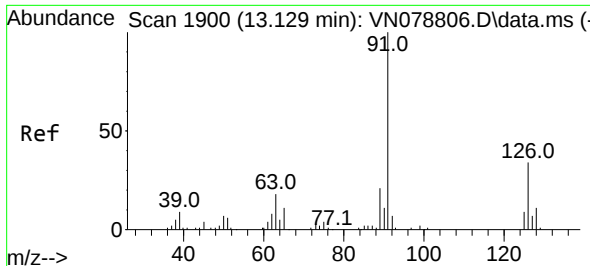


#74
n-propylbenzene
Concen: 19.286 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



Tgt Ion: 91 Resp: 182720
Ion Ratio Lower Upper
91 100
120 23.5 0.0 44.6





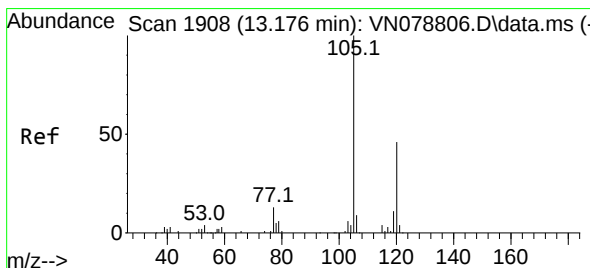
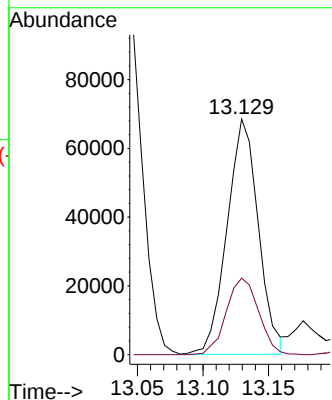
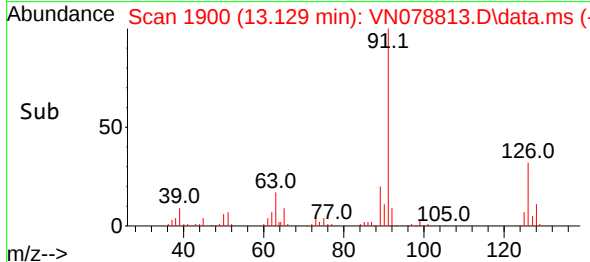
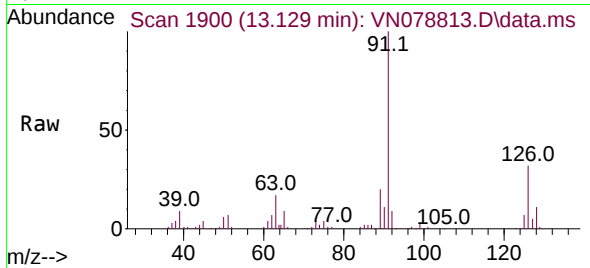
#75
2-Chlorotoluene
Concen: 19.230 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01

Tgt Ion: 91 Resp: 113494
Ion Ratio Lower Upper
91 100
126 33.7 0.0 67.2

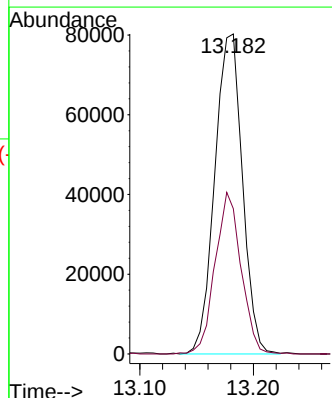
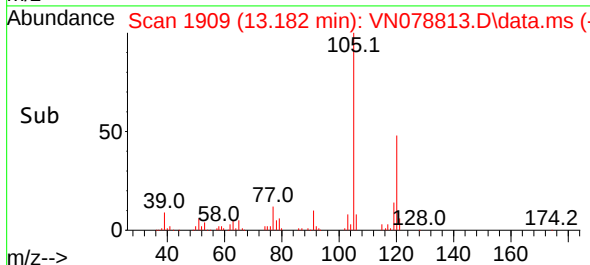
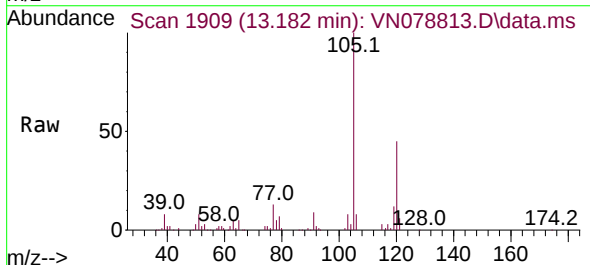
Manual Integrations
APPROVED

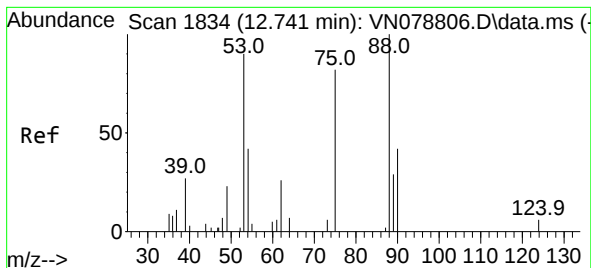
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.958 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

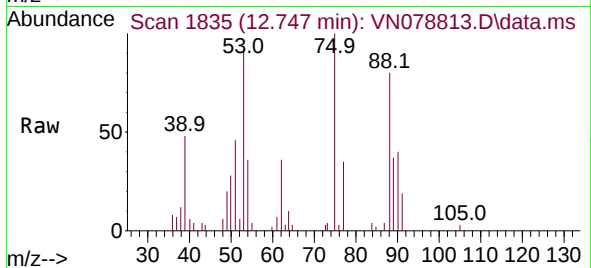
Tgt Ion:105 Resp: 135719
Ion Ratio Lower Upper
105 100
120 47.5 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.684 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

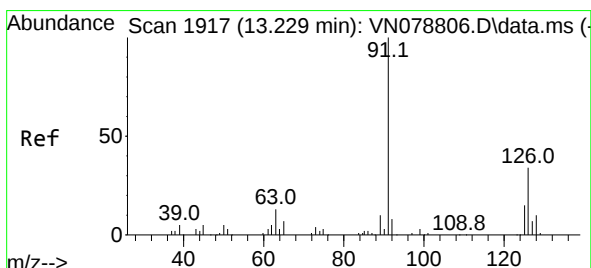
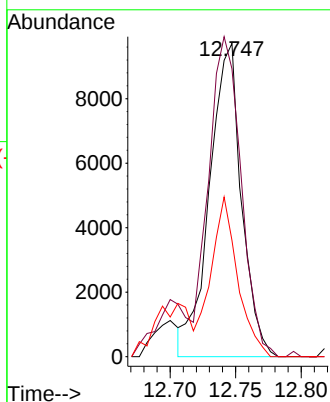
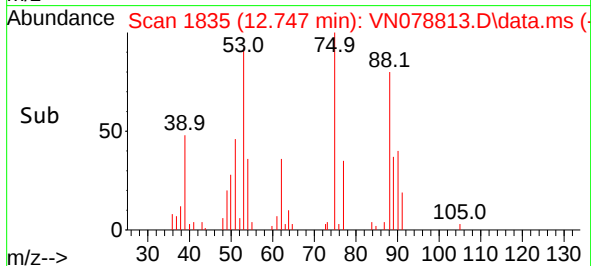
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion: 75 Resp: 1644
Ion Ratio Lower Upper
75 100
53 91.9 41.6 124.9
89 37.1 25.1 75.4

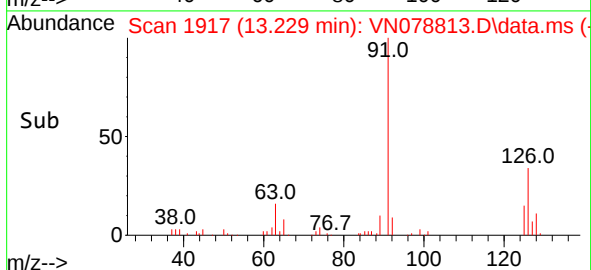
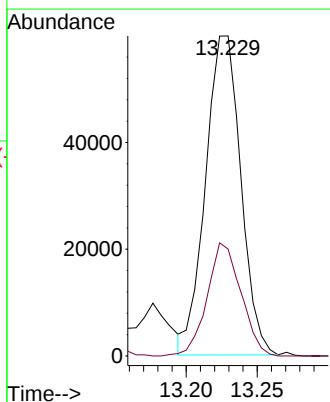
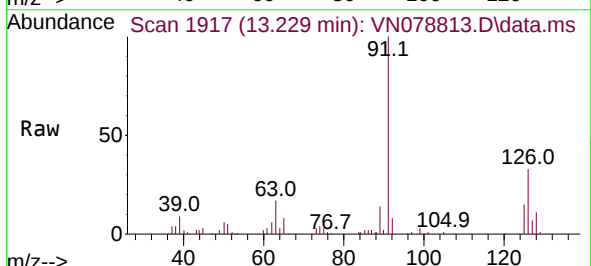
Manual Integrations
APPROVED

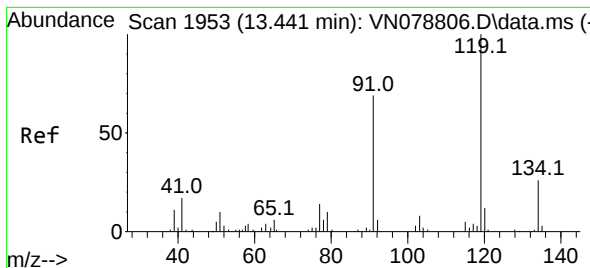
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#78
4-Chlorotoluene
Concen: 18.878 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

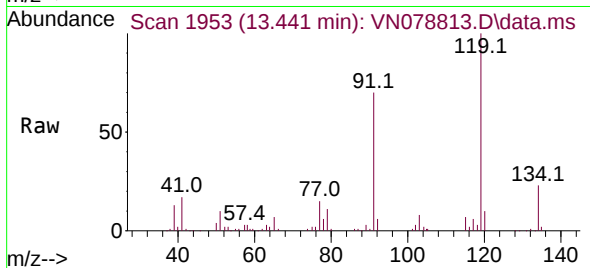
Tgt Ion: 91 Resp: 103364
Ion Ratio Lower Upper
91 100
126 34.0 0.0 68.8





#79
tert-butylbenzene
Concen: 18.125 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

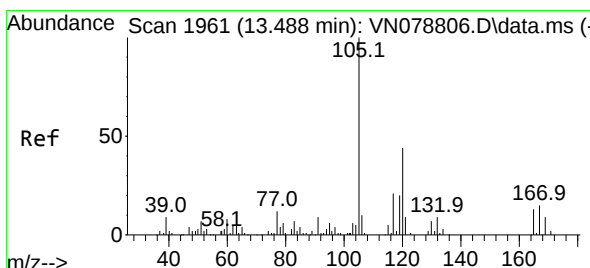
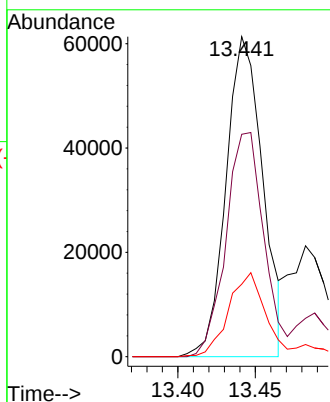
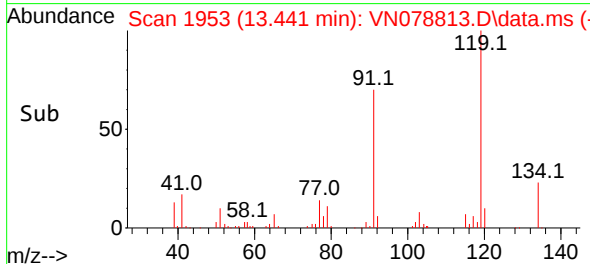
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



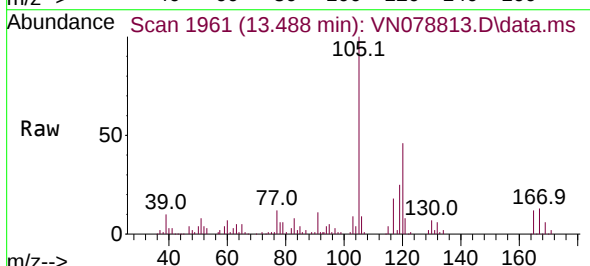
Tgt Ion:119 Resp: 101123
Ion Ratio Lower Upper
119 100
91 72.3 0.0 126.6
134 26.0 0.0 44.0

Manual Integrations
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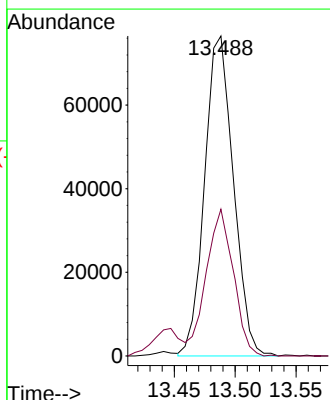
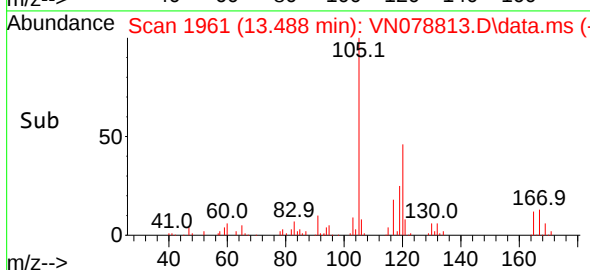
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

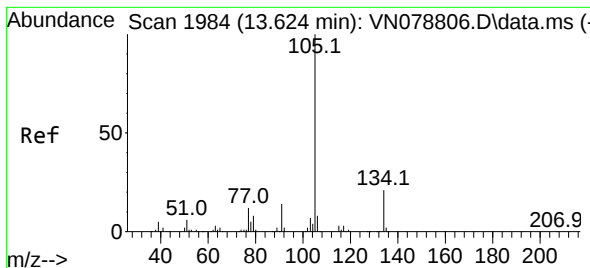


#80
1,2,4-Trimethylbenzene
Concen: 19.612 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



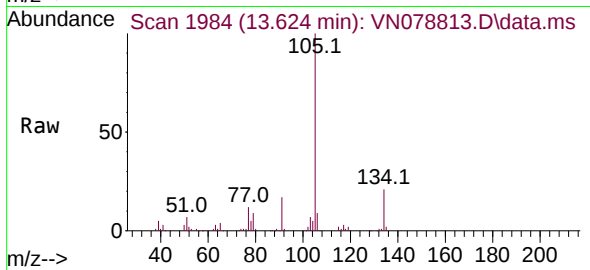
Tgt Ion:105 Resp: 125844
Ion Ratio Lower Upper
105 100
120 43.3 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 19.111 ug/l
 RT: 13.624 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078813.D
 Acq: 09 Aug 2023 11:53

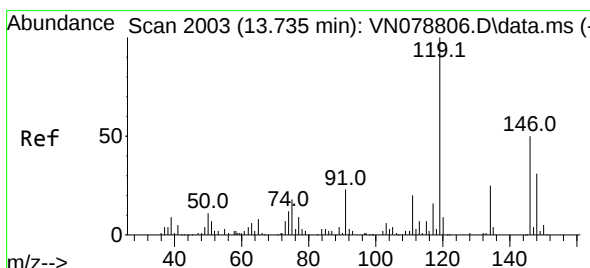
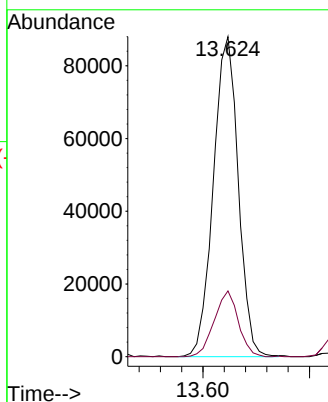
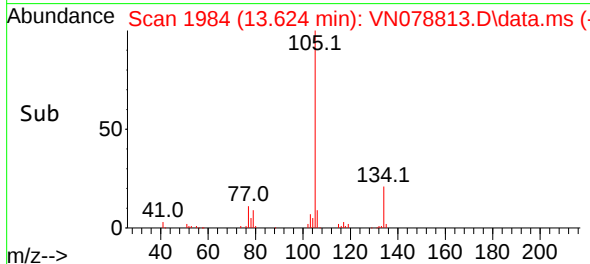
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBS01



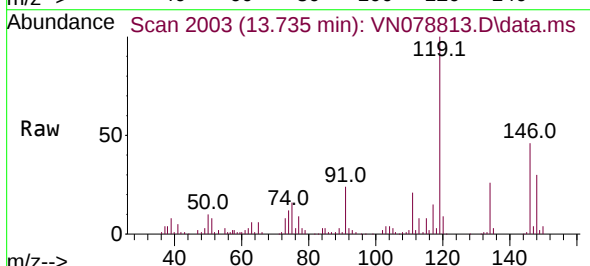
Tgt Ion:105 Resp: 142754
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.6

Manual Integrations
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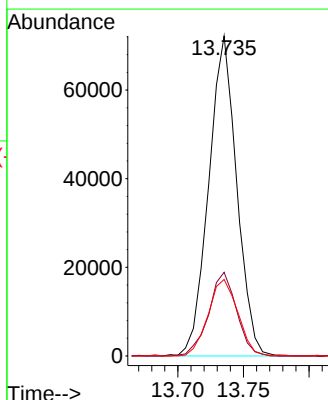
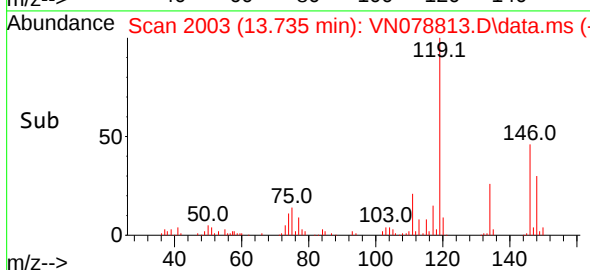
Reviewed By :John Carlone 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

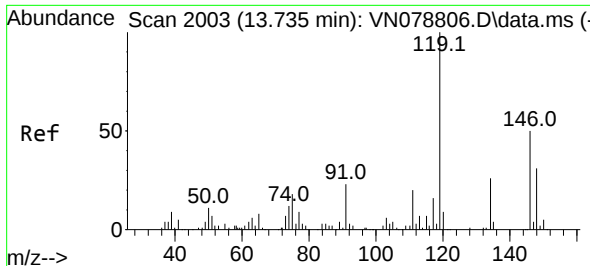


#82
 p-Isopropyltoluene
 Concen: 18.317 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078813.D
 Acq: 09 Aug 2023 11:53



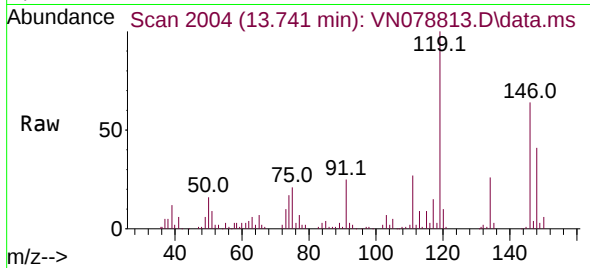
Tgt Ion:119 Resp: 107171
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.4
 91 25.3 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 18.923 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

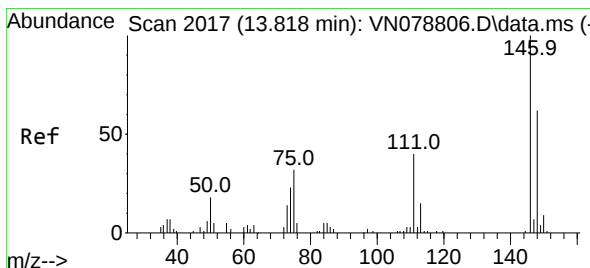
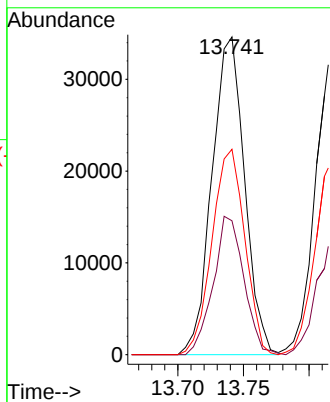
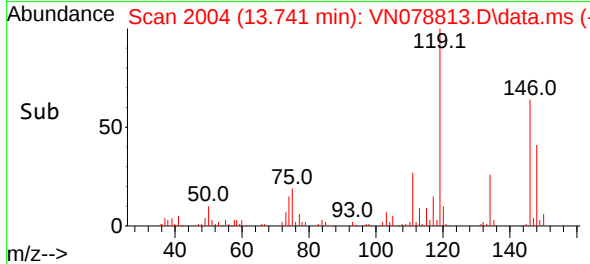
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion:146 Resp: 5984
Ion Ratio Lower Upper
146 100
111 41.0 21.6 64.6
148 64.9 31.9 95.5

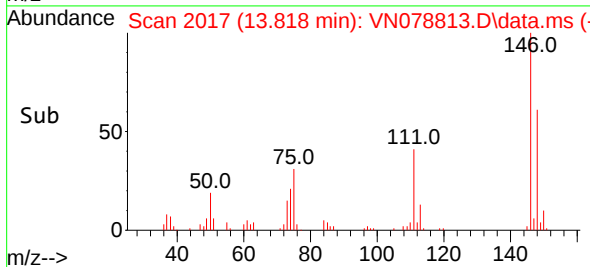
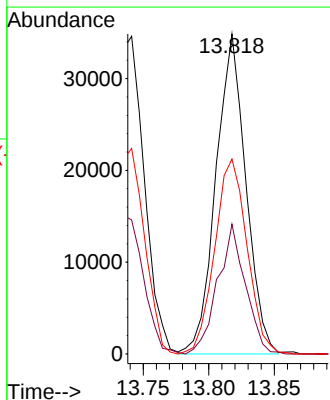
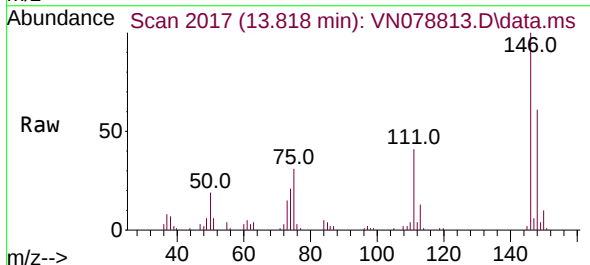
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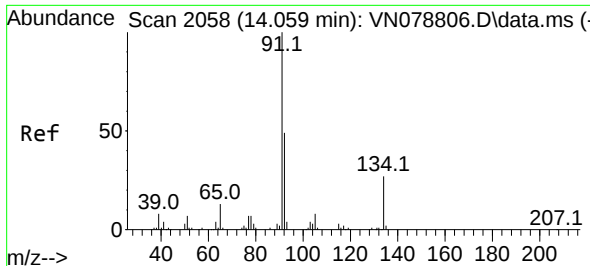
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#84
1,4-Dichlorobenzene
Concen: 18.357 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Tgt Ion:146 Resp: 55439
Ion Ratio Lower Upper
146 100
111 37.6 19.4 58.2
148 65.7 31.4 94.3





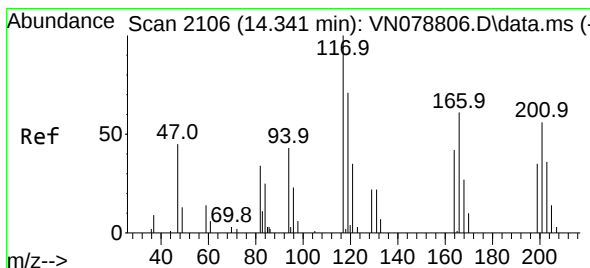
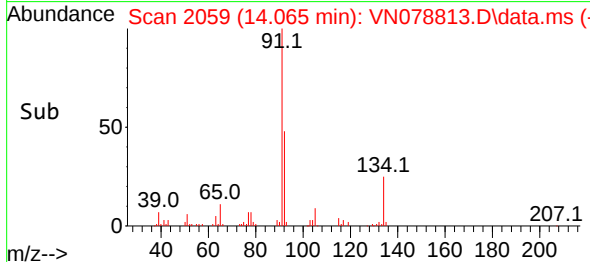
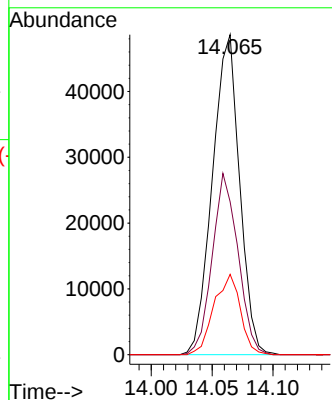
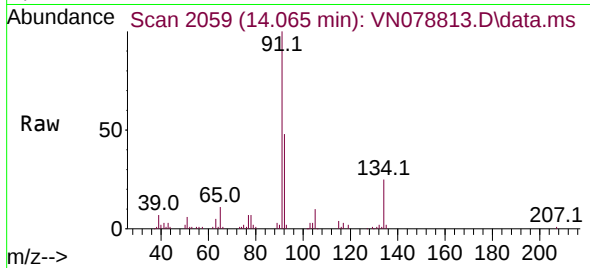
#85
n-Butylbenzene
Concen: 17.517 ug/l
RT: 14.065 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01

Tgt Ion: 91 Resp: 75420
Ion Ratio Lower Upper
91 100
92 53.7 0.0 99.6
134 24.5 0.0 50.0

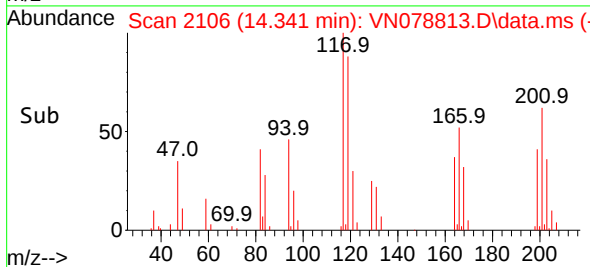
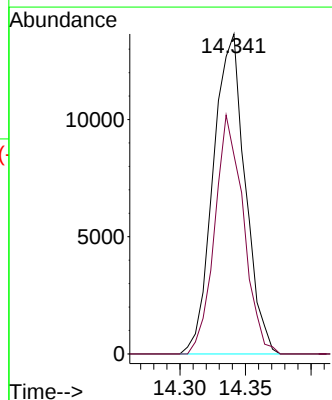
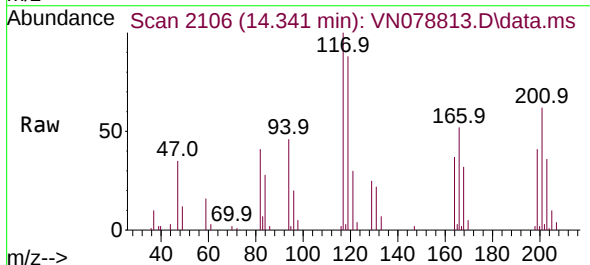
Manual Integrations
APPROVED

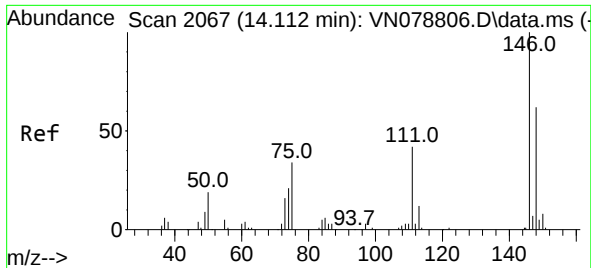
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#86
Hexachloroethane
Concen: 18.767 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

Tgt Ion:117 Resp: 23128
Ion Ratio Lower Upper
117 100
201 67.1 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 19.651 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078813.D

Acq: 09 Aug 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBS01

Tgt Ion:146 Resp: 61139

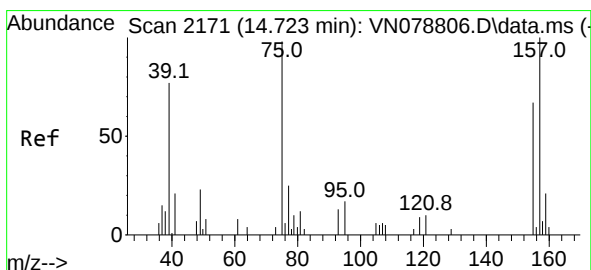
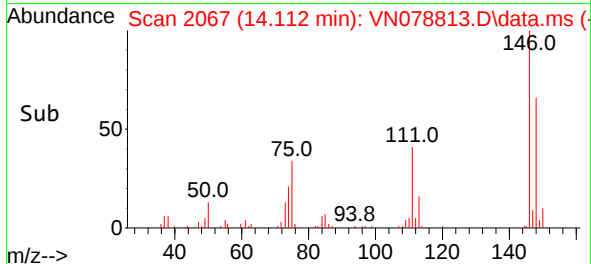
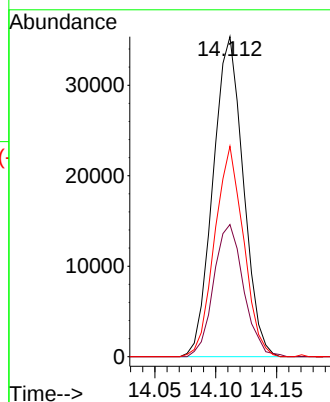
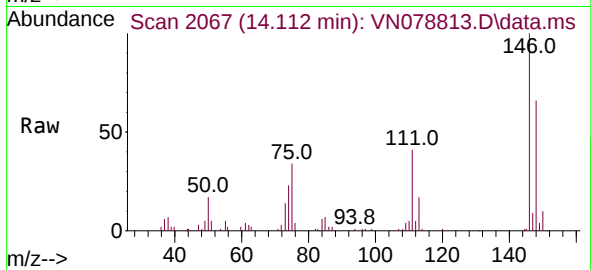
Ion	Ratio	Lower	Upper
146	100		
111	41.0	22.4	67.3
148	62.9	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.273 ug/l

RT: 14.723 min Scan# 2171

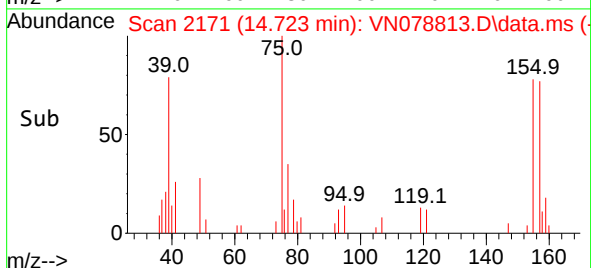
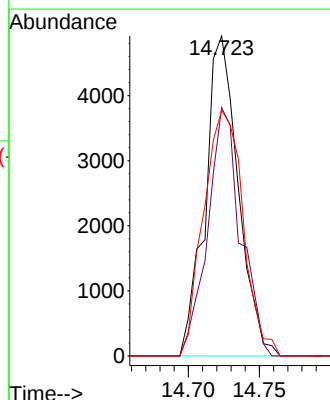
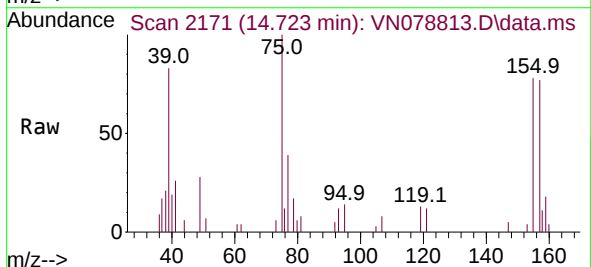
Delta R.T. 0.000 min

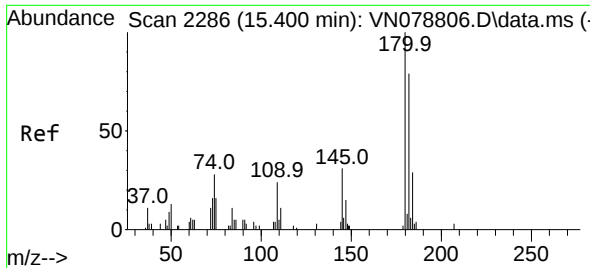
Lab File: VN078813.D

Acq: 09 Aug 2023 11:53

Tgt Ion: 75 Resp: 7942

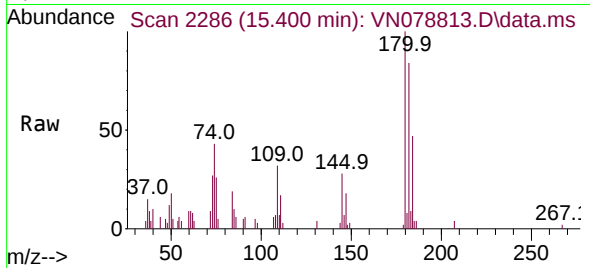
Ion	Ratio	Lower	Upper
75	100		
155	77.5	68.2	102.2
157	91.6	84.7	127.1





#89
1,2,4-Trichlorobenzene
Concen: 15.315 ug/l m
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

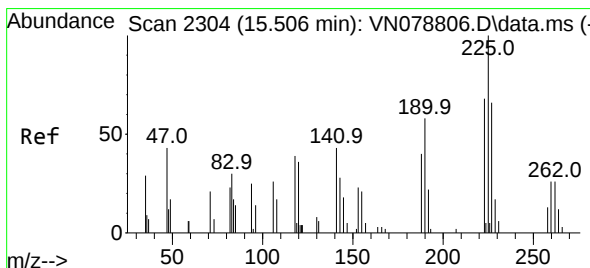
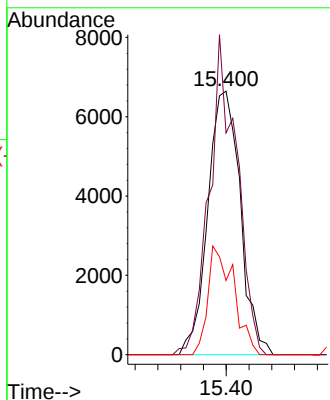
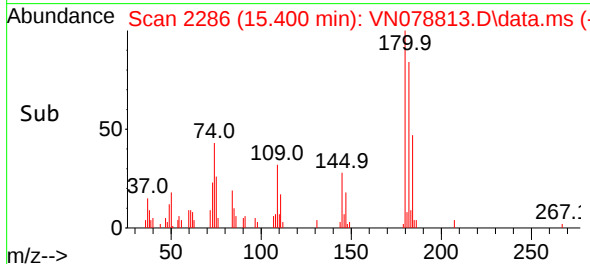
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



Tgt Ion:180 Resp: 1318
Ion Ratio Lower Upper
180 100
182 122.9 73.7 110.5
145 47.6 25.0 37.6

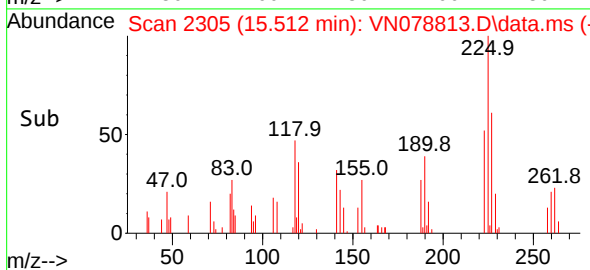
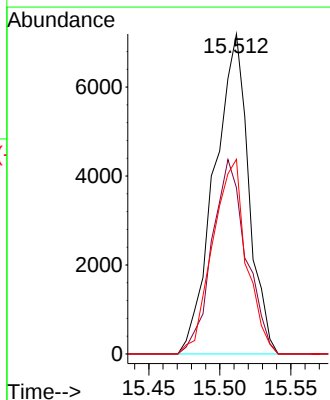
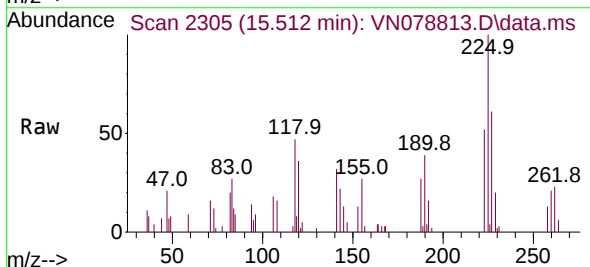
Manual Integrations
APPROVED

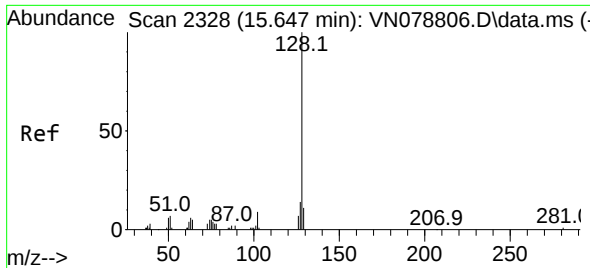
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#90
Hexachlorobutadiene
Concen: 19.049 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

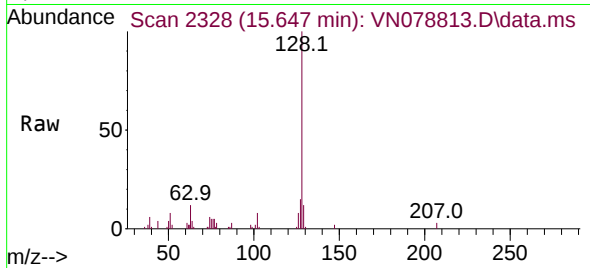
Tgt Ion:225 Resp: 12077
Ion Ratio Lower Upper
225 100
223 60.5 0.0 130.0
227 59.7 0.0 124.0





#91
Naphthalene
Concen: 14.069 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53

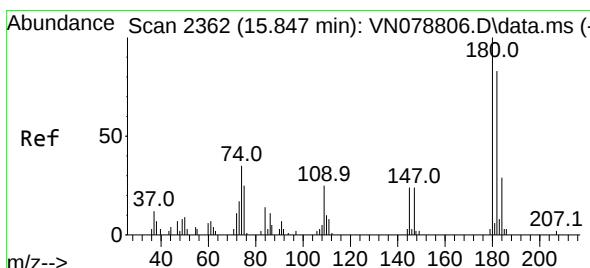
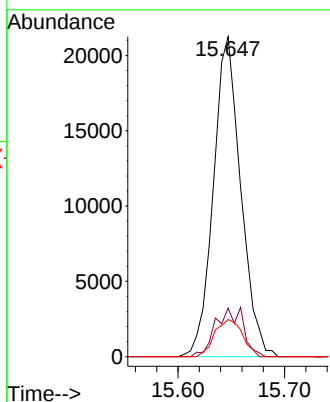
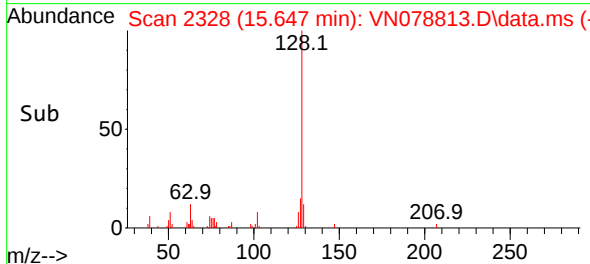
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBS01



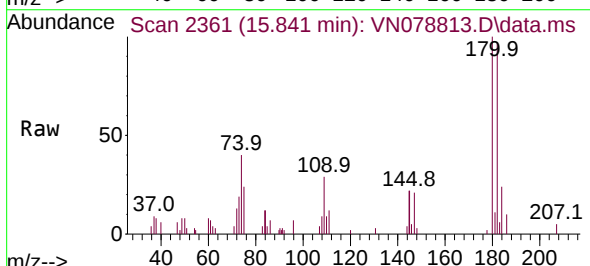
Tgt Ion:128 Resp: 3788
Ion Ratio Lower Upper
128 100
127 10.9 10.2 15.2
129 11.8 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.289 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078813.D
Acq: 09 Aug 2023 11:53



Tgt Ion:180 Resp: 17462
Ion Ratio Lower Upper
180 100
182 93.9 0.0 196.4
145 36.0 0.0 71.0

