

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051223\
 Data File : VN077667.D
 Acq On : 12 May 2023 12:13
 Operator : JC\MD
 Sample : VN0512WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBSD01

Quant Time: May 15 01:36:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	104463	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	581877	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	532288	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	212936	28.345	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.467%
60) 4-Bromofluorobenzene	12.853	95	236076	27.893	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.967%
63) Toluene-d8	10.571	98	685706	27.892	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.967%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108047	15.754	ug/l	99
3) Chloromethane	2.359	50	92486	17.744	ug/l	94
4) Vinyl Chloride	2.512	62	116585	14.536	ug/l	94
5) Bromomethane	2.959	94	92006	17.210	ug/l	98
6) Chloroethane	3.130	64	67066	12.799	ug/l #	84
7) Trichlorofluoromethane	3.512	101	180225	16.523	ug/l	100
8) Diethyl Ether	3.965	74	72078	20.966	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	99913	16.970	ug/l	88
10) 1,1-Dichloroethene	4.353	96	98330	17.667	ug/l	86
11) Methyl Iodide	4.595	142	159149	18.385	ug/l	87
12) Methyl Acetate	5.018	43	159655	23.730	ug/l	95
13) Acrolein	4.177	56	97365	118.143	ug/l	100
14) Acrylonitrile	5.718	53	237433	116.015	ug/l	98
15) Acetone	4.424	58	67828	109.199	ug/l	97
16) Carbon Disulfide	4.724	76	213731	15.986	ug/l	97
17) Allyl chloride	5.030	41	104839	18.146	ug/l	98
18) Methylene Chloride	5.271	84	127808	18.894	ug/l	88
19) trans-1,2-Dichloroethene	5.795	96	107615	17.187	ug/l	94
20) Diisopropyl ether	6.671	45	278526	19.822	ug/l	90
21) 1,1-Dichloroethane	6.577	63	186799	18.123	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	136050	18.032	ug/l	90
23) tert-Butyl Alcohol	5.506	59	83719	104.423	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	360948	19.159	ug/l	98
25) Chloroform	7.965	83	225842	18.383	ug/l	93
26) Cyclohexane	8.265	56	133711	15.803	ug/l #	93
29) 1,1-Dichloropropene	8.377	75	141674	16.913	ug/l	94
30) 2-Butanone	7.477	43	291213	130.425	ug/l	96
31) 2,2-Dichloropropane	7.494	77	155321	15.915	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	185509	17.111	ug/l	97
33) Carbon Tetrachloride	8.365	117	164056	17.894	ug/l	94
34) Benzene	8.606	78	468987	18.542	ug/l	94
35) Methacrylonitrile	7.777	41	65149	25.706	ug/l	95
36) 1,2-Dichloroethane	8.677	62	165012	19.568	ug/l	98
37) Trichloroethene	9.359	130	130017	19.885	ug/l	84
38) Methylcyclohexane	9.606	83	177859	16.490	ug/l	95
39) 1,2-Dichloropropane	9.624	63	108951	18.605	ug/l	91
40) Dibromomethane	9.712	93	88091	19.081	ug/l	81
41) Bromodichloromethane	9.888	83	168915	18.170	ug/l	98
42) Vinyl Acetate	6.606	43	778506	93.995	ug/l	96

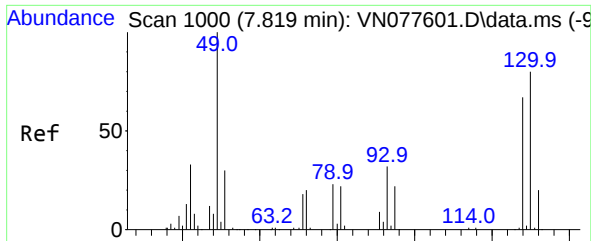
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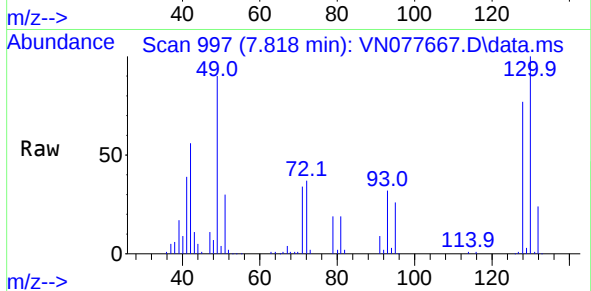
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	106488	22.192	ug/l #	87
44) Isopropyl Acetate	8.688	43	190838	21.721	ug/l	92
45) 1,4-Dioxane	9.700	88	48156	440.931	ug/l	98
46) Methyl methacrylate	9.688	41	91126	23.094	ug/l	95
47) n-amyl Acetate	12.500	43	150071	19.832	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	167302	17.851	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	187884	18.290	ug/l	99
50) 1,1,2-Trichloroethane	11.024	97	136153	20.479	ug/l	92
51) Ethyl methacrylate	10.877	69	170952	19.918	ug/l	93
52) 1,3-Dichloropropane	11.165	76	210433	19.575	ug/l	99
53) Dibromochloromethane	11.365	129	135190	19.544	ug/l	98
54) 1,2-Dibromoethane	11.471	107	137007	20.745	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	395684	101.951	ug/l	97
56) Bromoform	12.582	173	97825	24.035	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	590827	120.532	ug/l	96
59) 2-Hexanone	11.200	43	422912	119.519	ug/l	96
61) Tetrachloroethene	11.106	164	109577	21.282	ug/l	94
62) Toluene	10.635	91	541072	18.360	ug/l	99
64) Chlorobenzene	11.894	112	348003	19.202	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	129865	19.863	ug/l	95
66) Ethyl Benzene	11.971	91	572324	17.527	ug/l	98
67) m/p-Xylenes	12.076	106	467887	36.420	ug/l	95
68) o-Xylene	12.406	106	230947	18.241	ug/l	91
69) Styrene	12.418	104	373173	18.433	ug/l	96
70) Isopropylbenzene	12.700	105	587973	17.880	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	179956	20.406	ug/l	97
72) 1,2,3-Trichloropropane	13.000	75	205030	27.942	ug/l	69
73) Bromobenzene	12.982	156	149818	21.788	ug/l	78
74) n-propylbenzene	13.041	91	626372	17.035	ug/l	95
75) 2-Chlorotoluene	13.129	91	396782	17.842	ug/l	94
76) 1,3,5-Trimethylbenzene	13.182	105	421748	16.228	ug/l	94
77) t-1,4-Dichloro-2-butene	12.747	75	42374	16.577	ug/l	95
78) 4-Chlorotoluene	13.229	91	385560	17.757	ug/l	94
79) tert-butylbenzene	13.447	119	431257	18.529	ug/l	91
80) 1,2,4-Trimethylbenzene	13.488	105	384175	15.232	ug/l	97
81) sec-Butylbenzene	13.623	105	574319	17.579	ug/l	95
82) p-Isopropyltoluene	13.735	119	448865	17.268	ug/l	97
83) 1,3-Dichlorobenzene	13.741	146	252365	19.764	ug/l	96
84) 1,4-Dichlorobenzene	13.818	146	249087	19.927	ug/l	97
85) n-Butylbenzene	14.065	91	307571	14.383	ug/l	97
86) Hexachloroethane	14.341	117	81207	16.763	ug/l	72
87) 1,2-Dichlorobenzene	14.112	146	252056	20.336	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	28696	17.906	ug/l #	72
89) 1,2,4-Trichlorobenzene	15.400	180	56770	13.294	ug/l	96
90) Hexachlorobutadiene	15.506	225	60932	25.304	ug/l	96
91) Naphthalene	15.647	128	165873	11.371	ug/l	96
92) 1,2,3-Trichlorobenzene	15.847	180	50570	12.859	ug/l	95

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

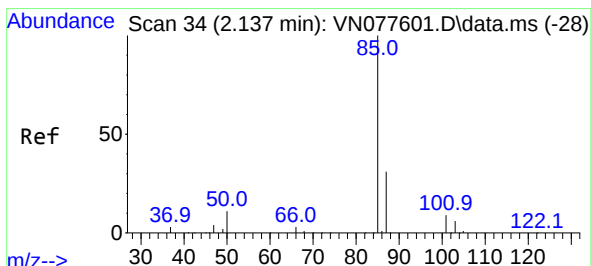
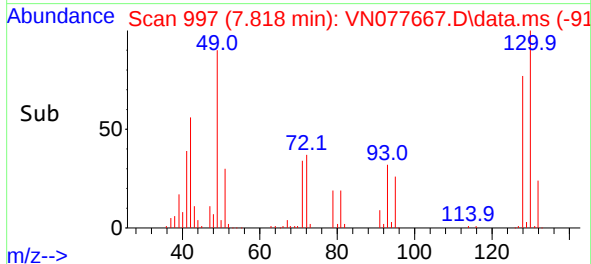
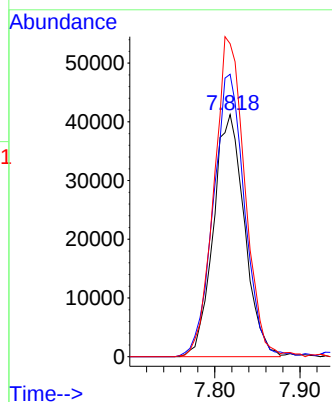


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

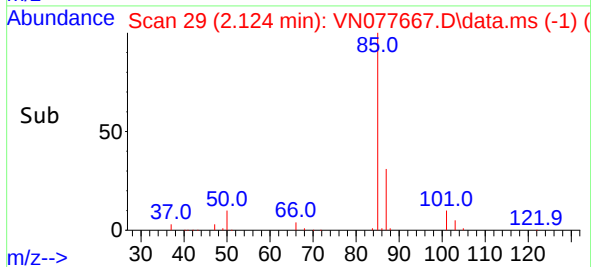
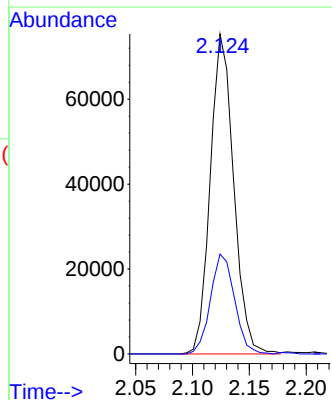
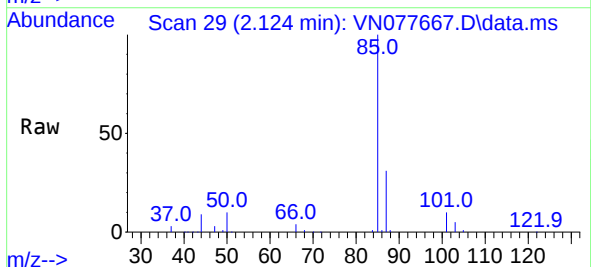


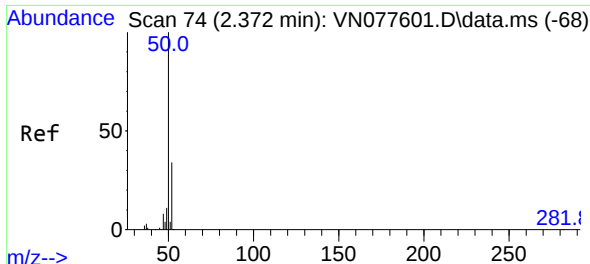
Tgt Ion:128 Resp: 104463
Ion Ratio Lower Upper
128 100
49 117.5 0.0 369.8
130 130.2 0.0 317.8



#2
Dichlorodifluoromethane
Concen: 15.754 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.013 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 85 Resp: 108047
Ion Ratio Lower Upper
85 100
87 31.2 15.3 45.9

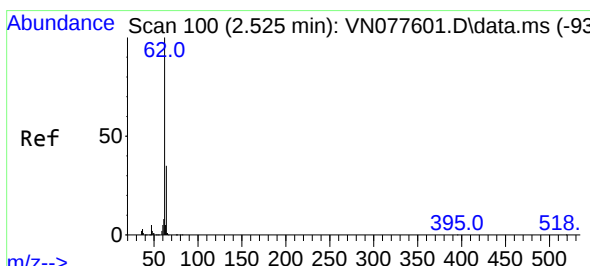
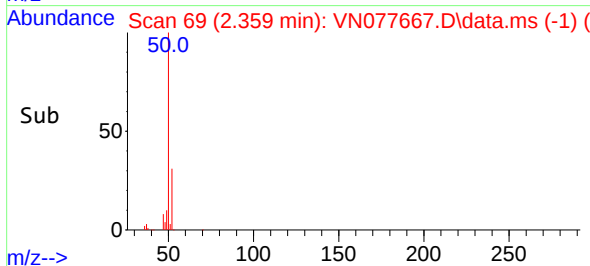
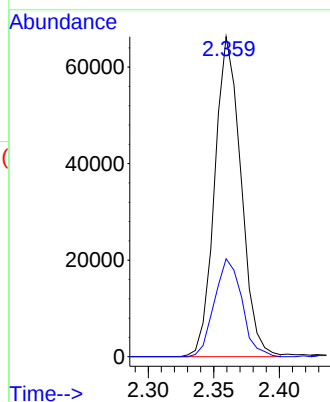
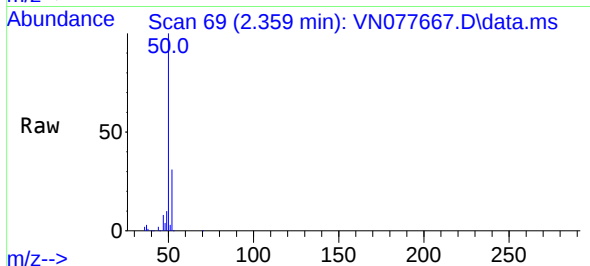




#3
Chloromethane
Concen: 17.744 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.013 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

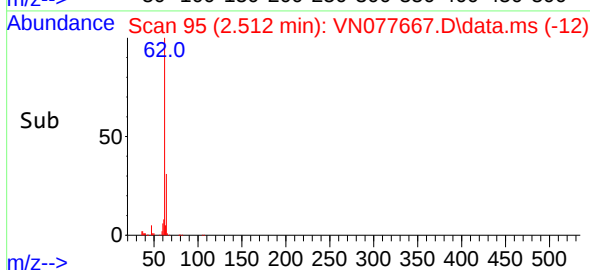
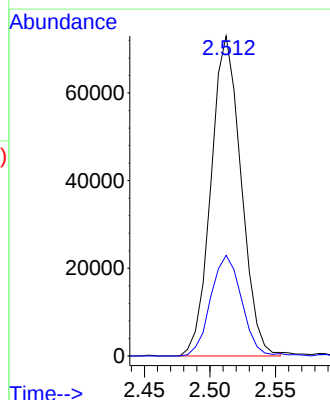
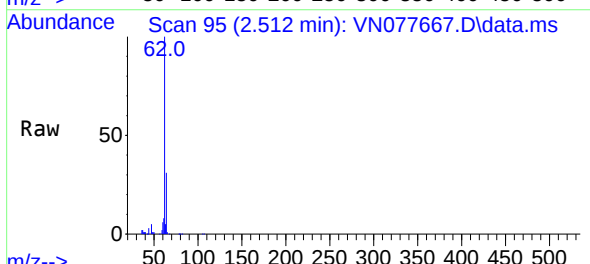
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ClientSampleId :
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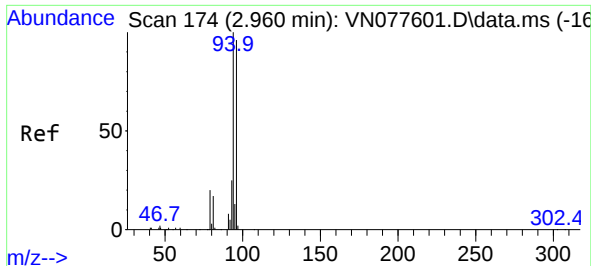
Tgt Ion: 50 Resp: 92486
Ion Ratio Lower Upper
50 100
52 30.6 27.3 40.9



#4
Vinyl Chloride
Concen: 14.536 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.013 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 62 Resp: 116585
Ion Ratio Lower Upper
62 100
64 31.4 27.8 41.6

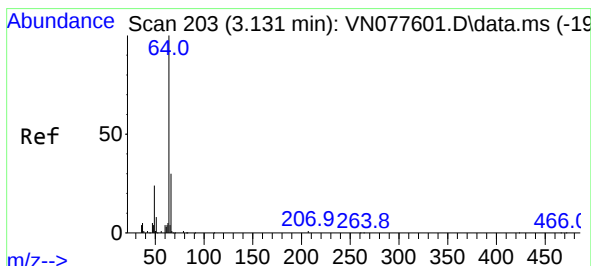
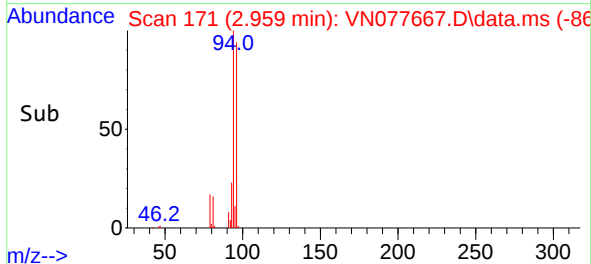
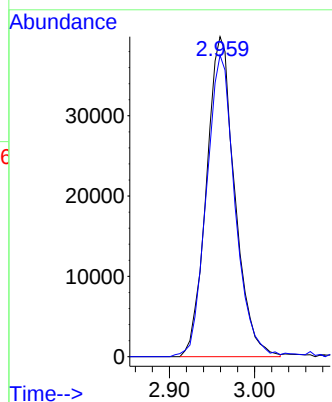
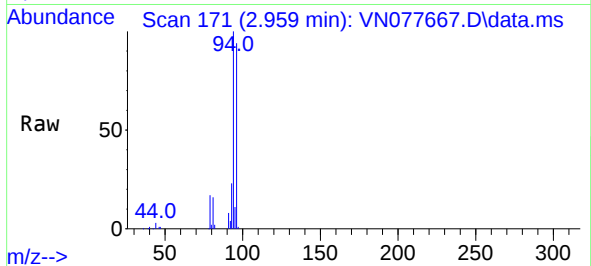




#5
Bromomethane
Concen: 17.210 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

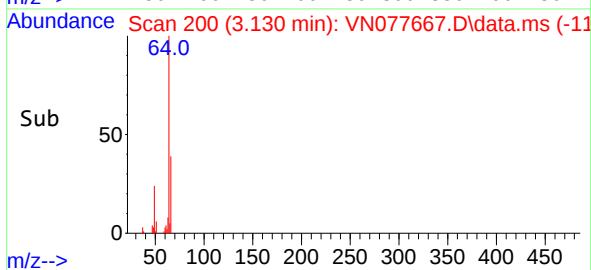
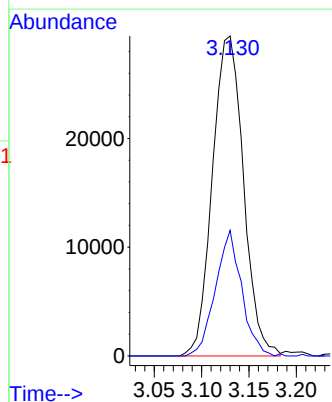
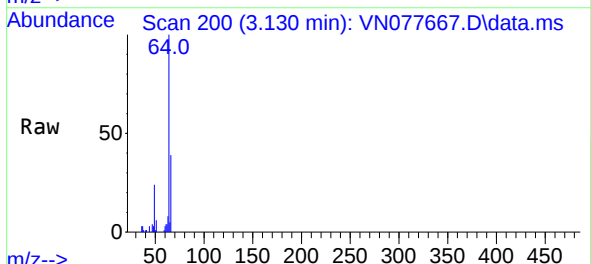
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MSVOA_N
ClientSampleId :
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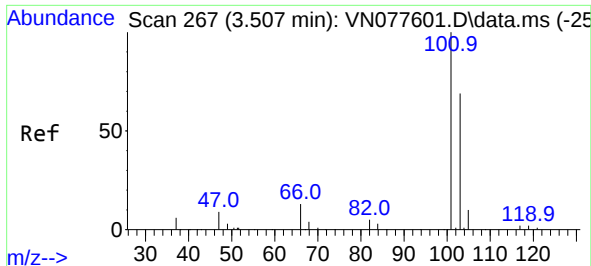
Tgt Ion: 94 Resp: 92006
Ion Ratio Lower Upper
94 100
96 93.5 76.7 115.1



#6
Chloroethane
Concen: 12.799 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 64 Resp: 67066
Ion Ratio Lower Upper
64 100
66 39.2 24.2 36.4#

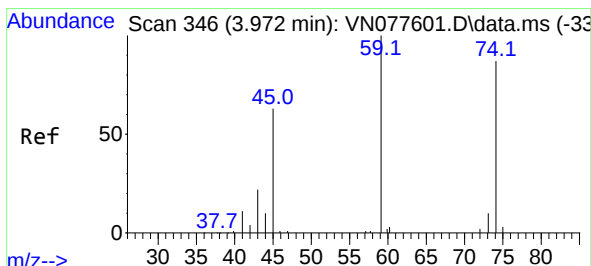
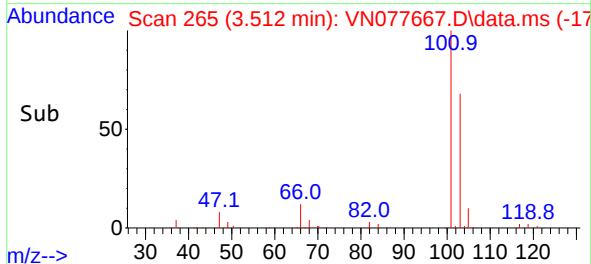
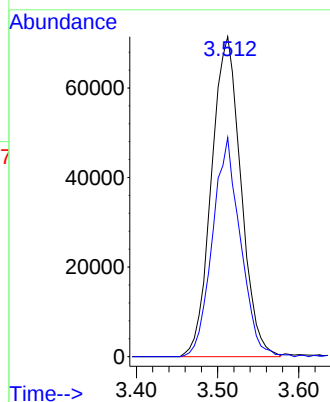
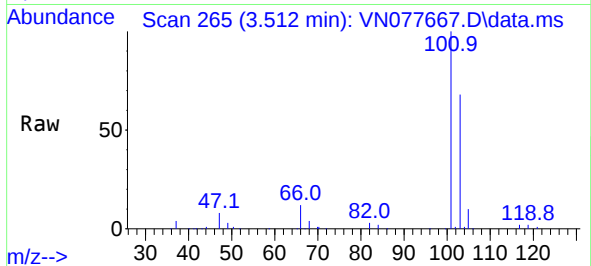




#7
Trichlorofluoromethane
Concen: 16.523 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

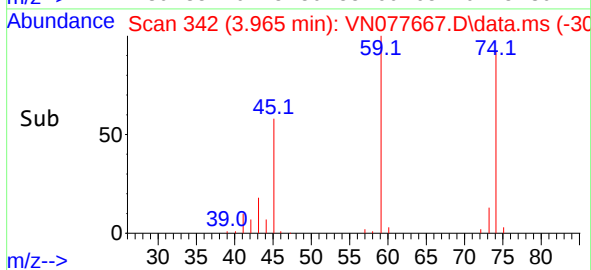
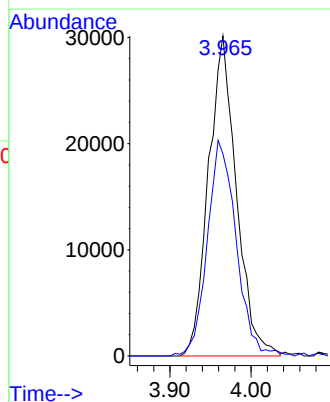
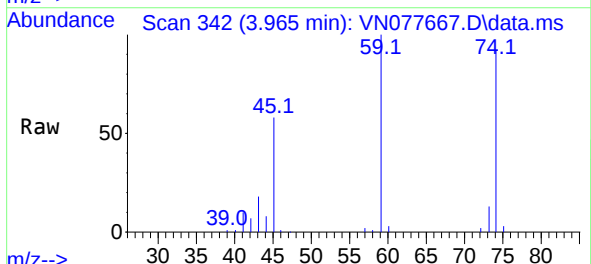
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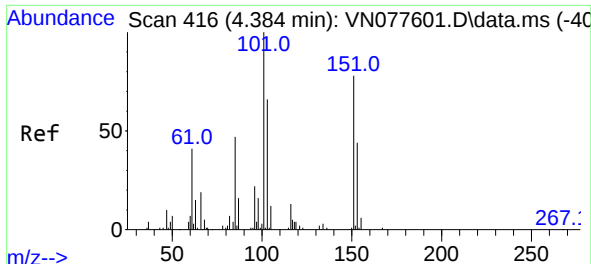
Tgt Ion:101 Resp: 180225
Ion Ratio Lower Upper
101 100
103 68.4 55.0 82.4



#8
Diethyl Ether
Concen: 20.966 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.007 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 74 Resp: 72078
Ion Ratio Lower Upper
74 100
45 68.4 14.8 133.2

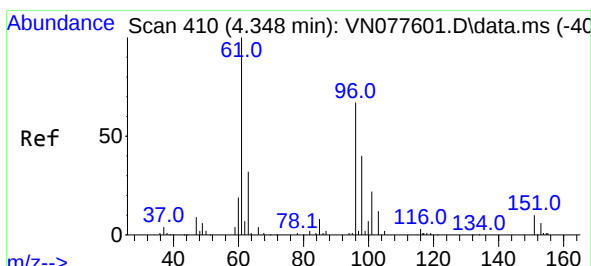
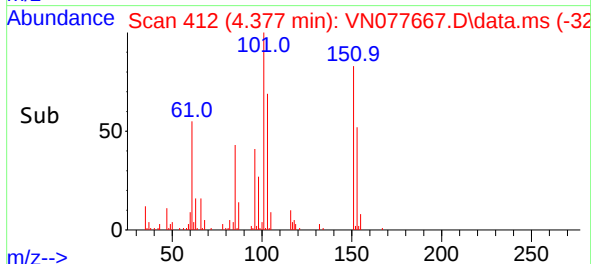
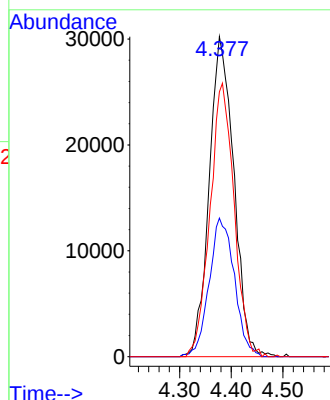
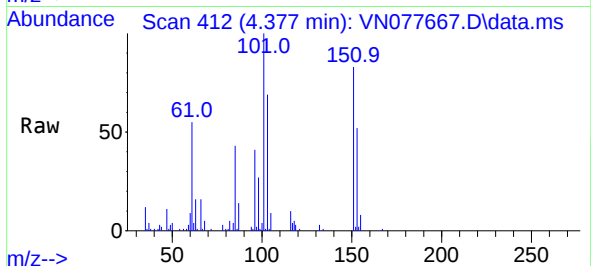




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.970 ug/l
RT: 4.377 min Scan# 41
Delta R.T. -0.007 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

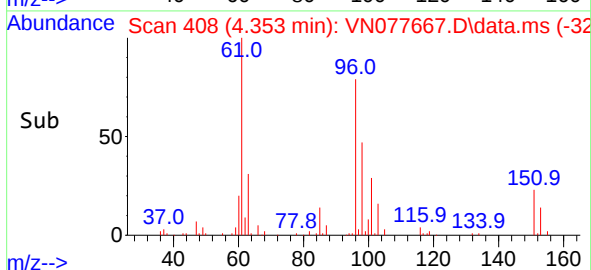
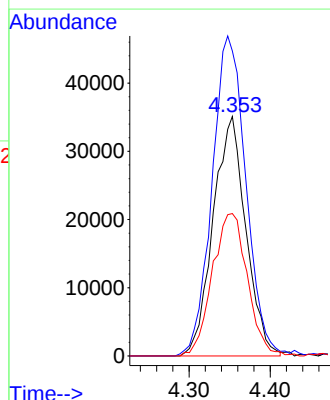
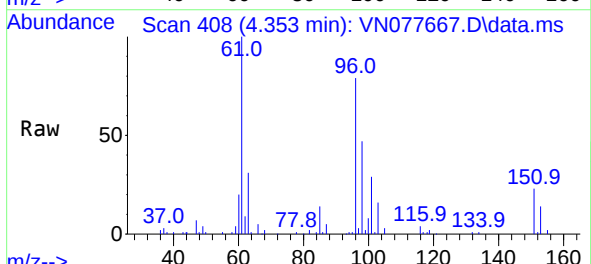
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

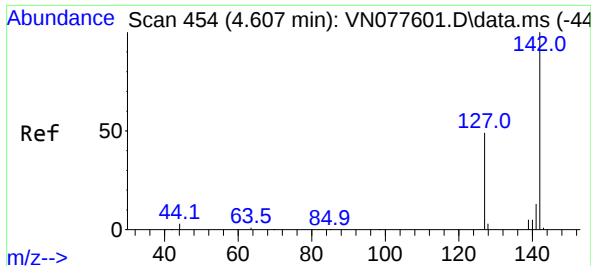
Tgt Ion:	101	Resp:	99913
Ion	Ratio	Lower	Upper
101	100		
85	44.2	0.0	92.6
151	83.1	0.0	137.4



#10
1,1-Dichloroethene
Concen: 17.667 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion:	96	Resp:	98330
Ion	Ratio	Lower	Upper
96	100		
61	126.5	120.1	180.1
98	59.5	48.3	72.5

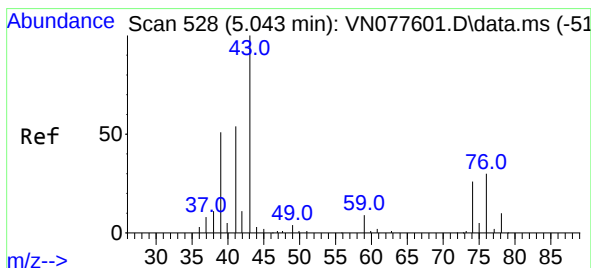
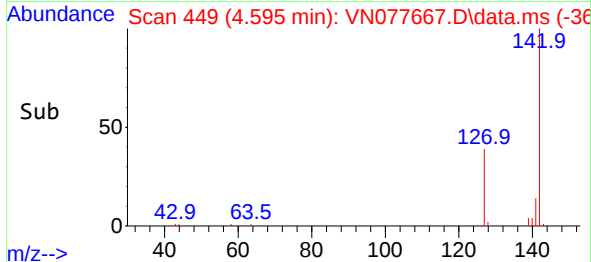
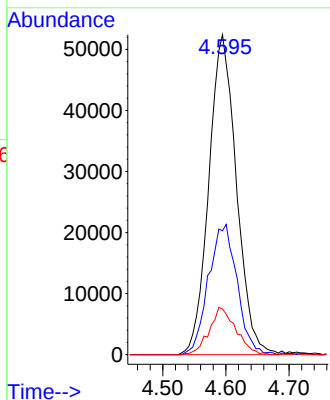
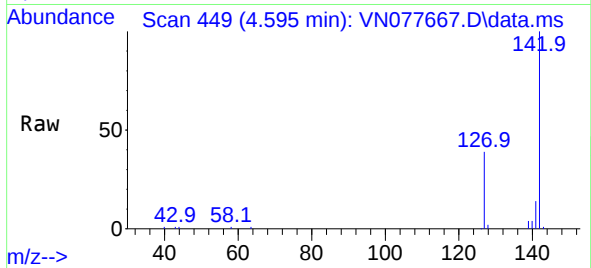




#11
Methyl Iodide
Concen: 18.385 ug/l
RT: 4.595 min Scan# 44
Delta R.T. -0.012 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

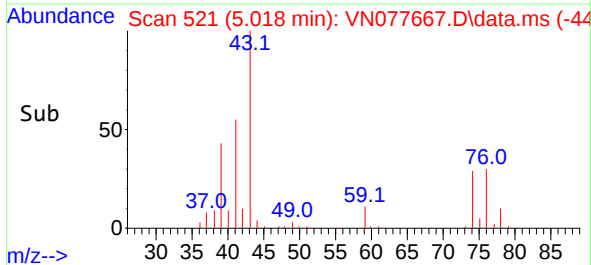
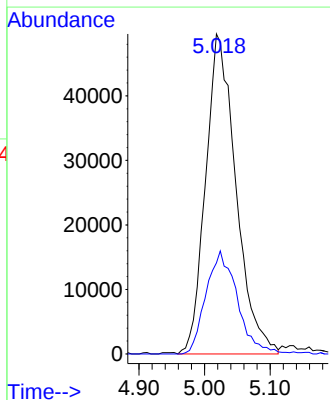
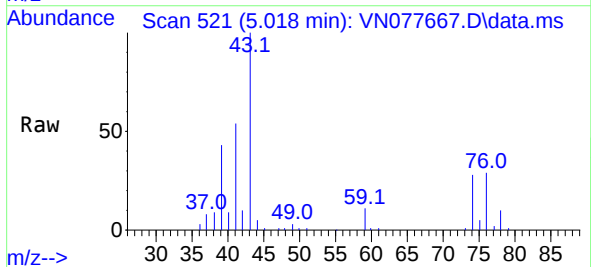
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

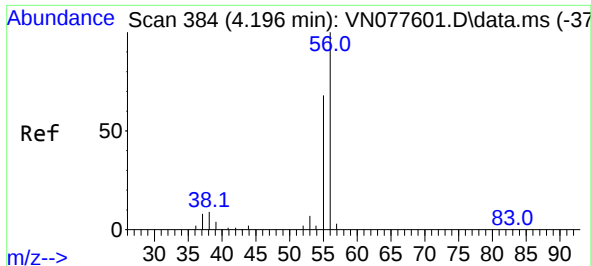
Tgt Ion:142 Resp: 159149
Ion Ratio Lower Upper
142 100
127 38.9 24.6 73.6
141 14.3 6.4 19.2



#12
Methyl Acetate
Concen: 23.730 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.025 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 43 Resp: 159655
Ion Ratio Lower Upper
43 100
74 28.3 20.6 31.0





#13

Acrolein

Concen: 118.143 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.019 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

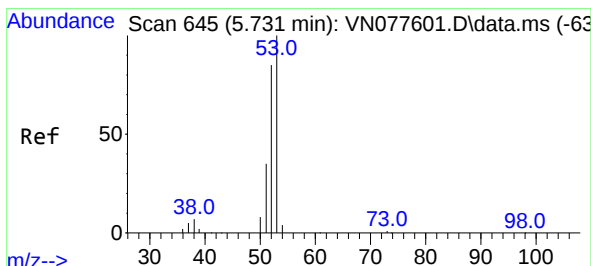
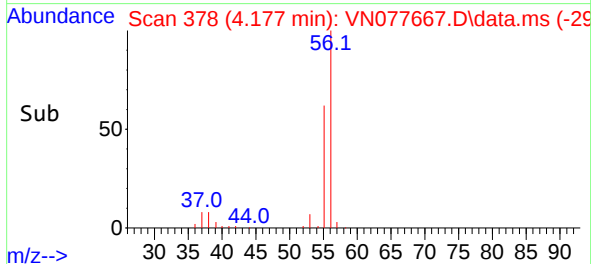
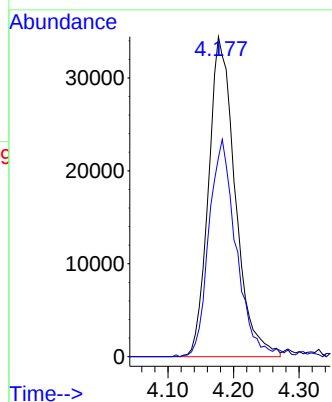
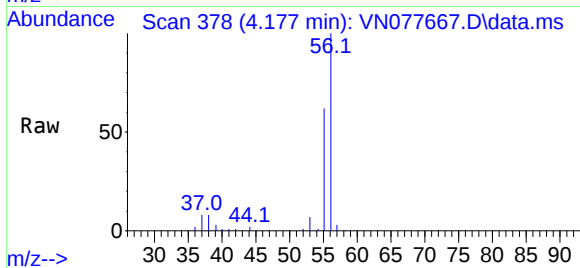
VN0512WBSD01

Tgt Ion: 56 Resp: 97365

Ion Ratio Lower Upper

56 100

55 68.5 54.8 82.2



#14

Acrylonitrile

Concen: 116.015 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.013 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

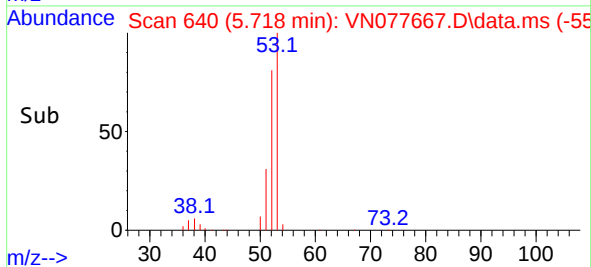
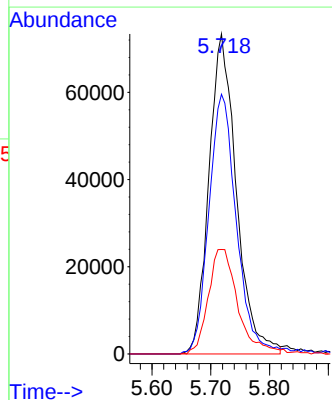
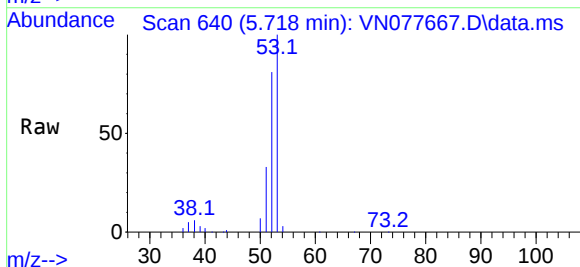
Tgt Ion: 53 Resp: 237433

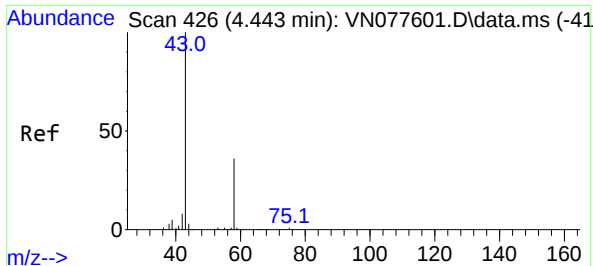
Ion Ratio Lower Upper

53 100

52 81.3 41.6 124.8

51 33.4 17.6 52.9

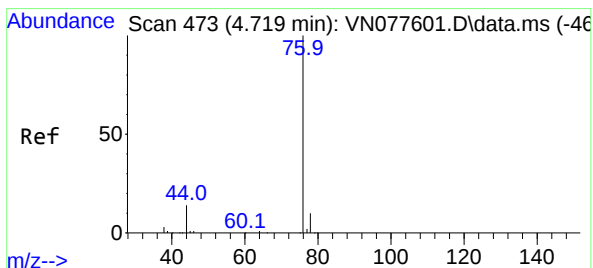
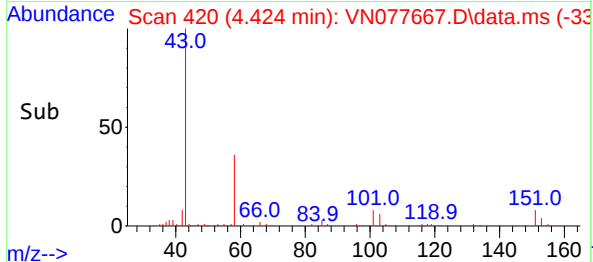
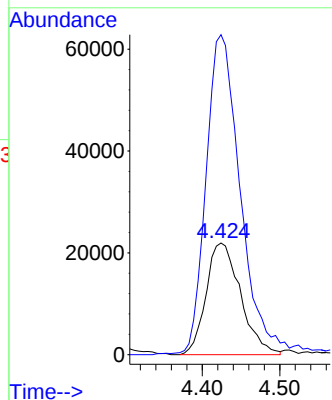
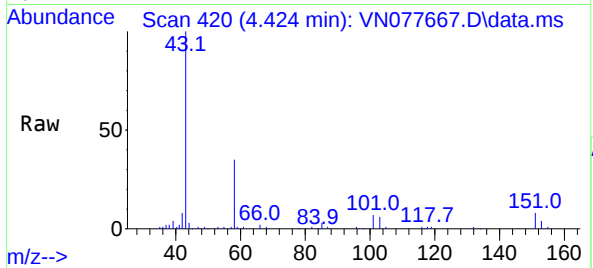




#15
Acetone
Concen: 109.199 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.019 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

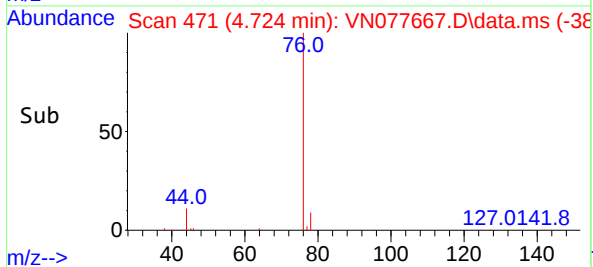
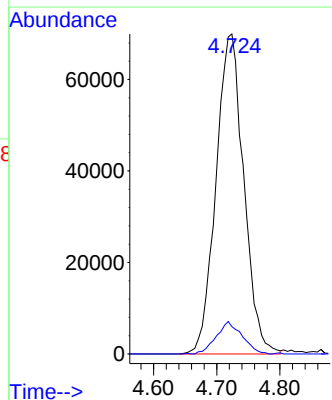
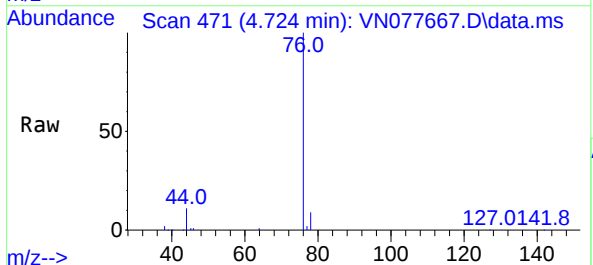
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

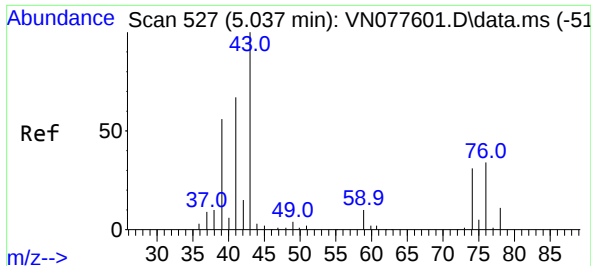
Tgt Ion: 58 Resp: 67828
Ion Ratio Lower Upper
58 100
43 284.6 223.2 334.8



#16
Carbon Disulfide
Concen: 15.986 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 76 Resp: 213731
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4





#17

Allyl chloride

Concen: 18.146 ug/l

RT: 5.030 min Scan# 51

Delta R.T. -0.007 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

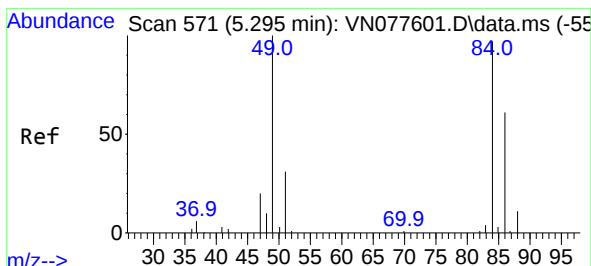
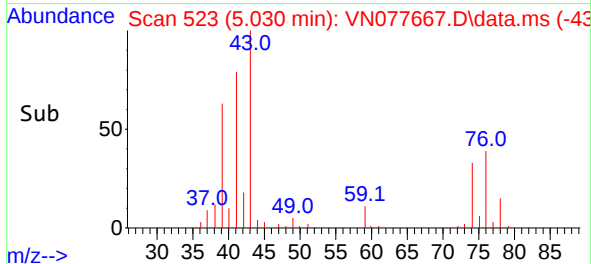
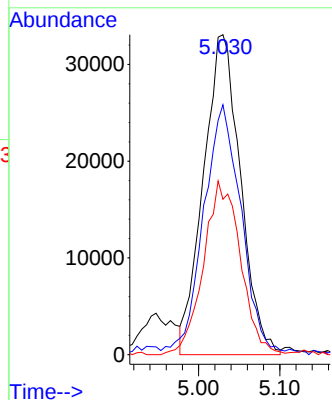
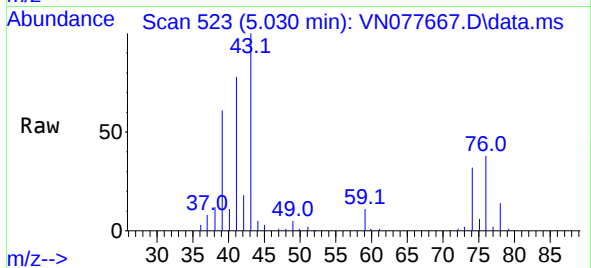
Tgt Ion: 41 Resp: 104839

Ion Ratio Lower Upper

41 100

39 77.7 39.5 118.3

76 48.4 23.4 70.3



#18

Methylene Chloride

Concen: 18.894 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.024 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Tgt Ion: 84 Resp: 127808

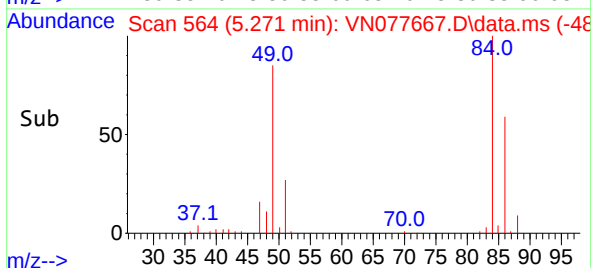
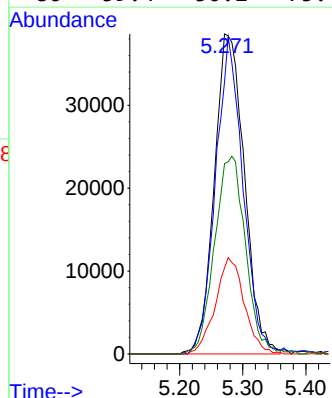
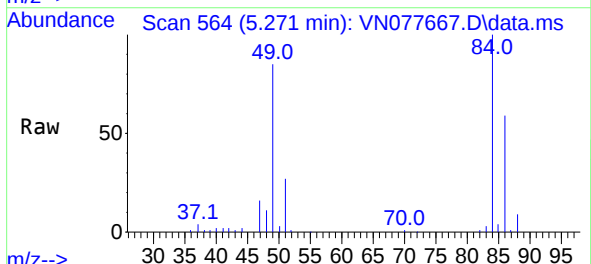
Ion Ratio Lower Upper

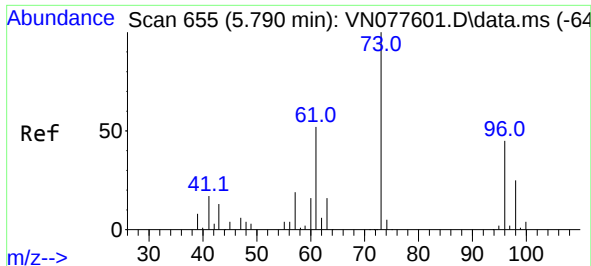
84 100

49 85.0 82.4 123.6

51 26.9 25.1 37.7

86 59.4 50.2 75.4

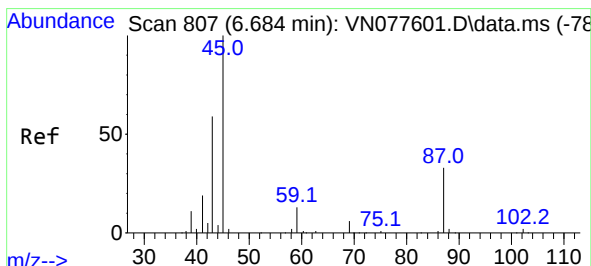
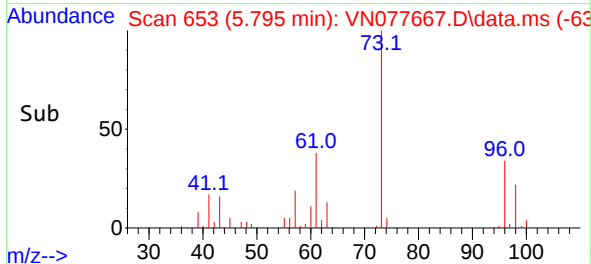
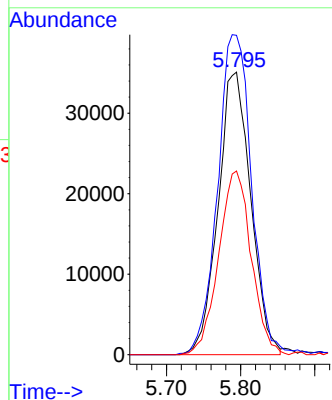
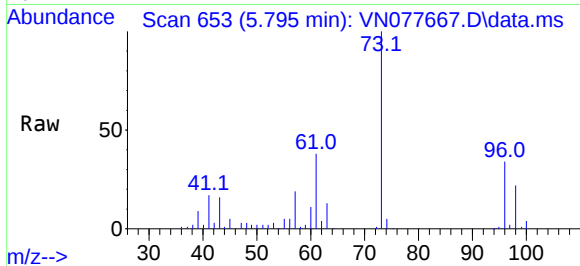




#19
trans-1,2-Dichloroethene
Concen: 17.187 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

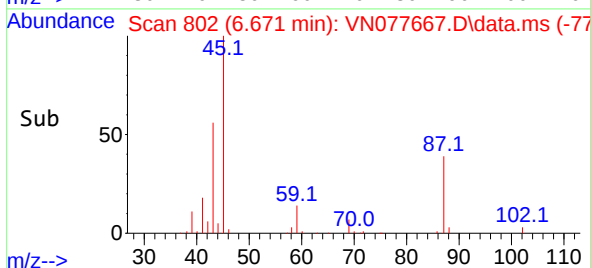
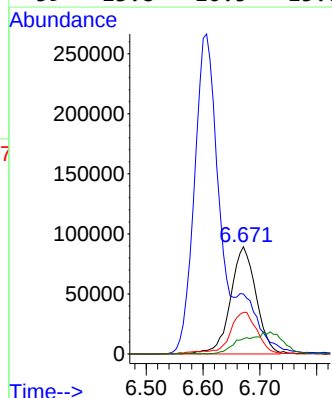
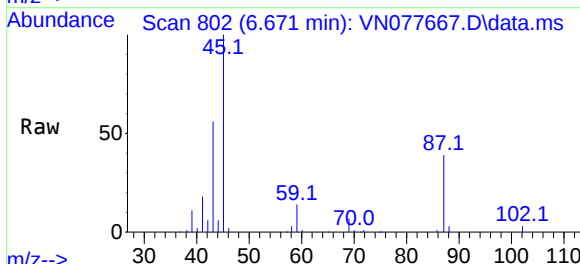
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

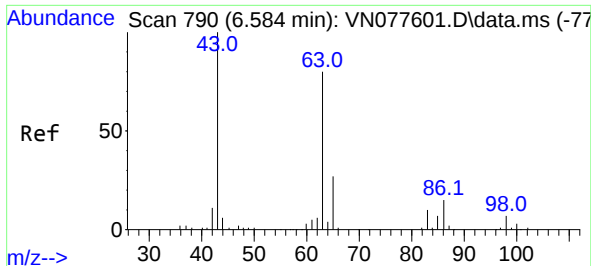
Tgt Ion: 96 Resp: 107615
Ion Ratio Lower Upper
96 100
61 112.6 92.4 138.6
98 65.0 44.8 67.2



#20
Diisopropyl ether
Concen: 19.822 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.013 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 45 Resp: 278526
Ion Ratio Lower Upper
45 100
43 49.9 47.1 70.7
87 38.0 26.2 39.2
59 13.8 10.5 15.7

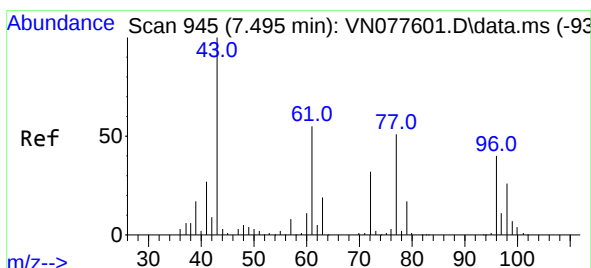
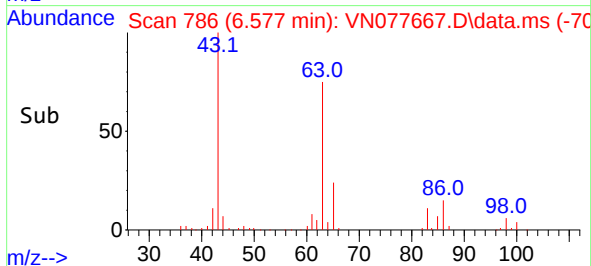
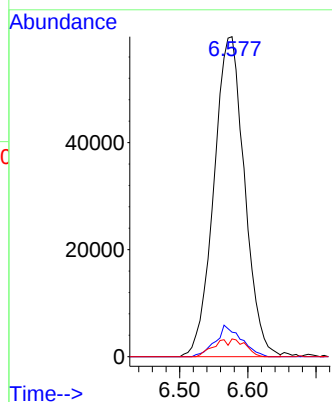
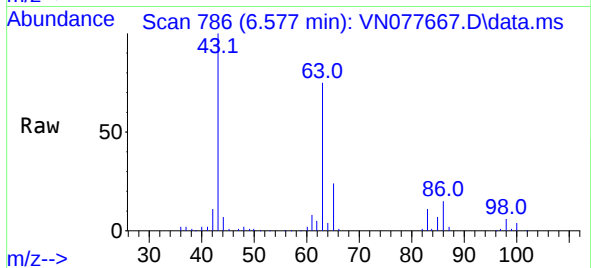




#21
1,1-Dichloroethane
Concen: 18.123 ug/l
RT: 6.577 min Scan# 71
Delta R.T. -0.007 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

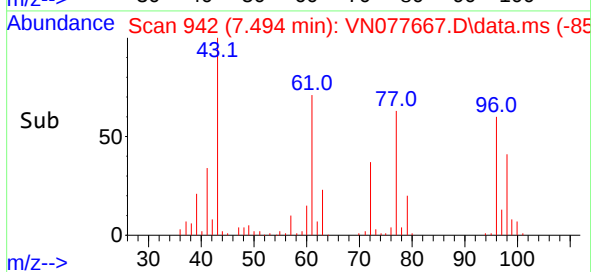
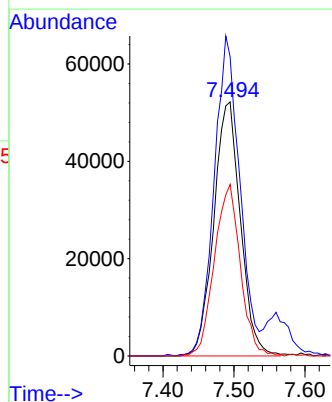
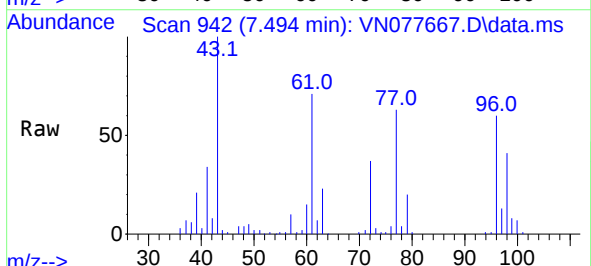
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

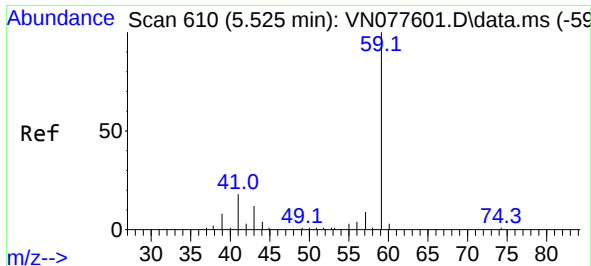
Tgt Ion: 63 Resp: 186799
Ion Ratio Lower Upper
63 100
98 7.6 4.3 13.1
100 5.6 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 18.032 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 96 Resp: 136050
Ion Ratio Lower Upper
96 100
61 120.8 109.4 164.0
98 65.7 51.2 76.8

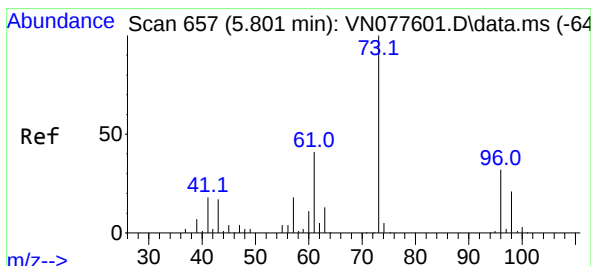
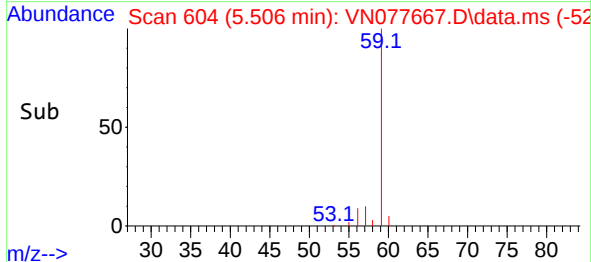
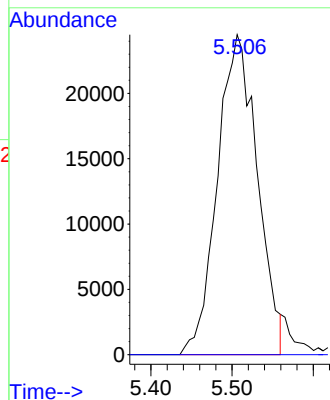
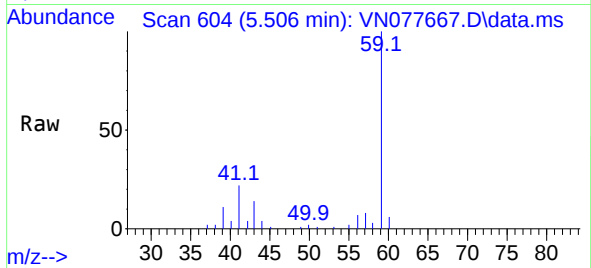




#23
tert-Butyl Alcohol
Concen: 104.423 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.019 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

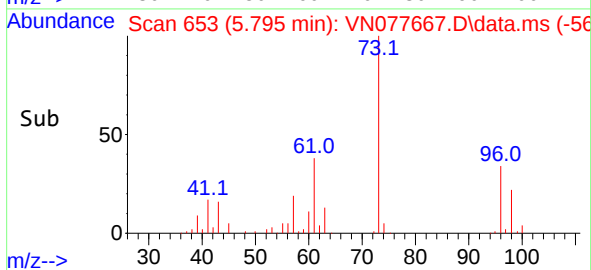
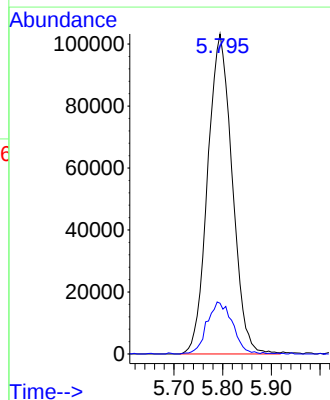
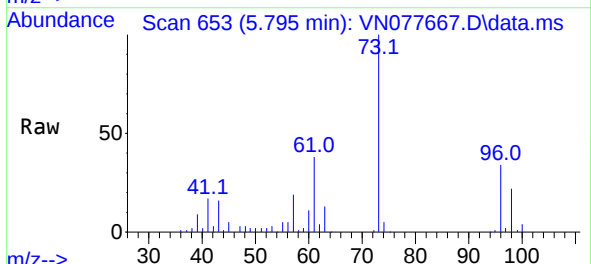
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

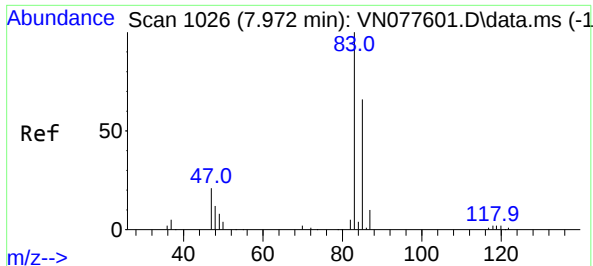
Tgt Ion: 59 Resp: 83719
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.159 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 73 Resp: 360948
Ion Ratio Lower Upper
73 100
43 16.9 14.3 21.5

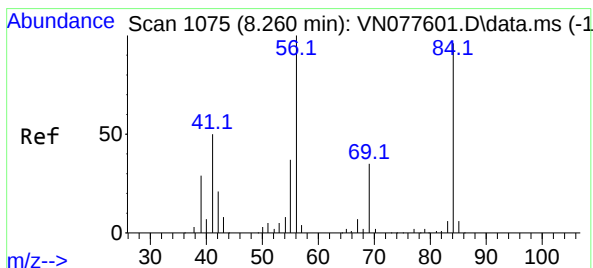
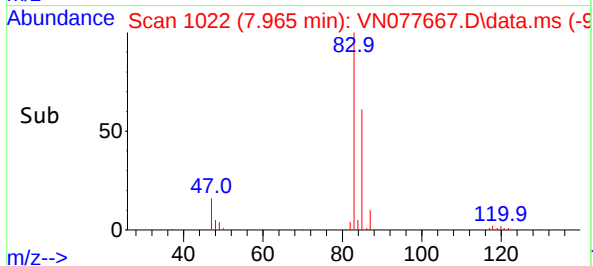
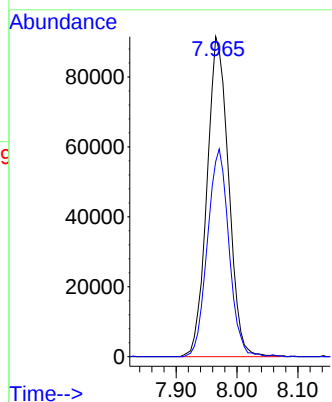
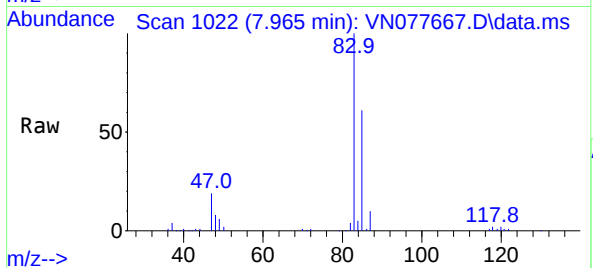




#25
Chloroform
Concen: 18.383 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.007 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

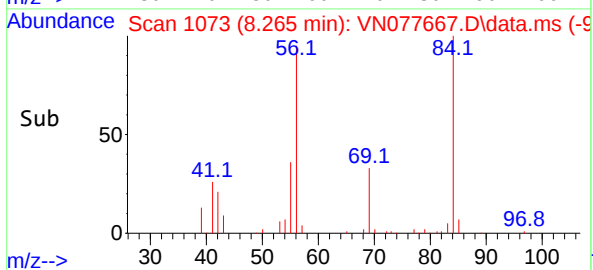
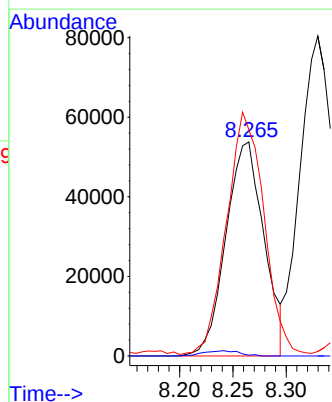
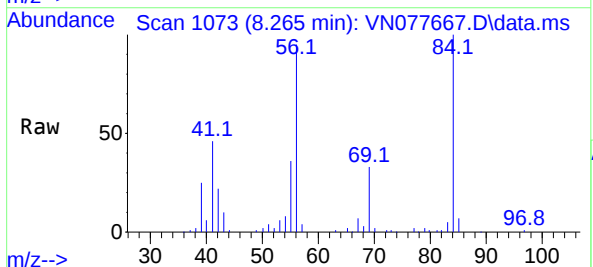
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

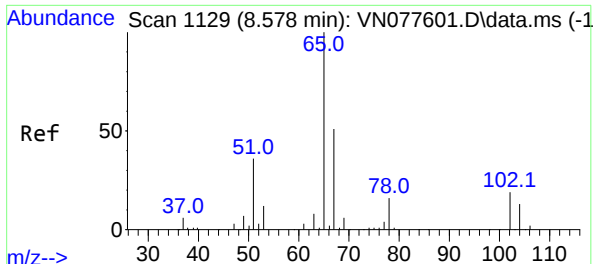
Tgt Ion: 83 Resp: 225842
Ion Ratio Lower Upper
83 100
85 61.0 53.0 79.6



#26
Cyclohexane
Concen: 15.803 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 56 Resp: 133711
Ion Ratio Lower Upper
56 100
89 2.3 0.0 0.0#
84 113.3 84.6 126.8

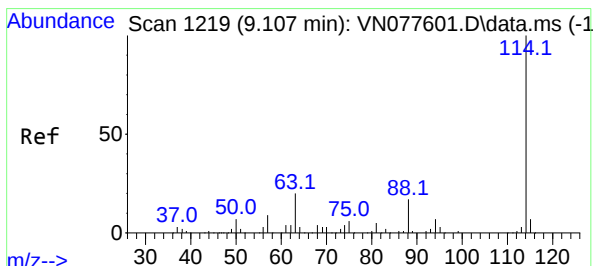
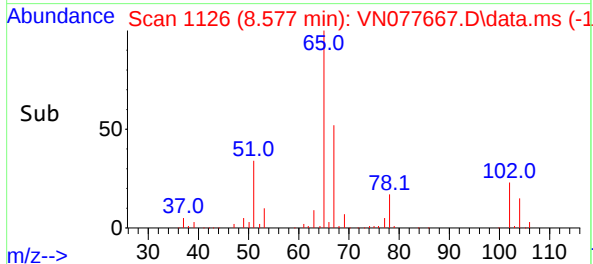
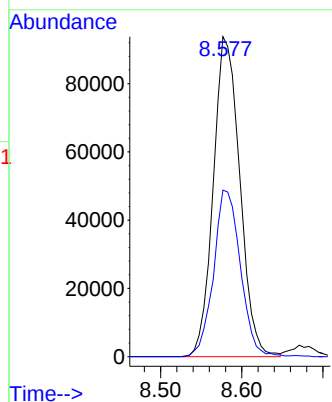
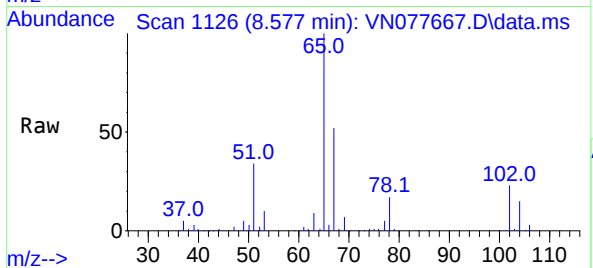




#27
1,2-Dichloroethane-d4
Concen: 28.345 ug/l
RT: 8.577 min Scan# 1129
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

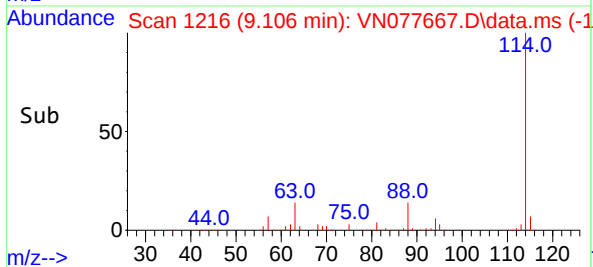
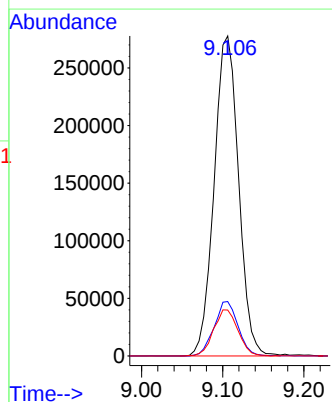
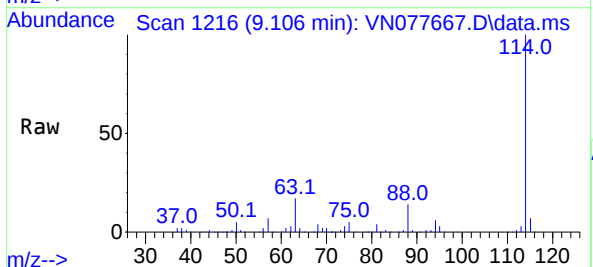
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

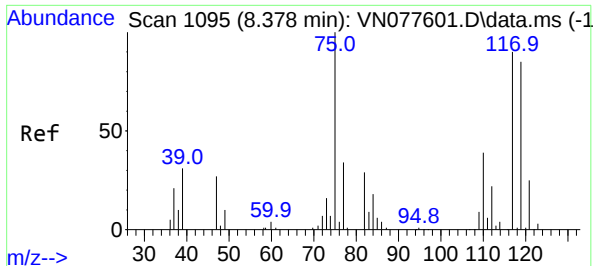
Tgt Ion: 65 Resp: 212936
Ion Ratio Lower Upper
65 100
67 52.6 41.3 61.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 114 Resp: 581877
Ion Ratio Lower Upper
114 100
63 16.6 15.8 23.6
88 14.4 13.0 19.4

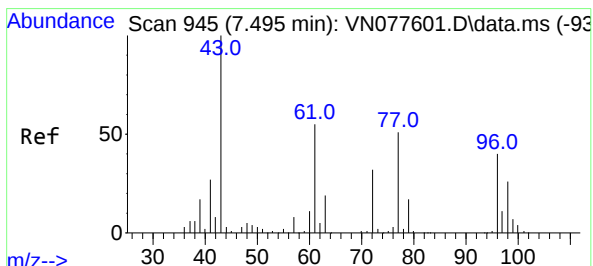
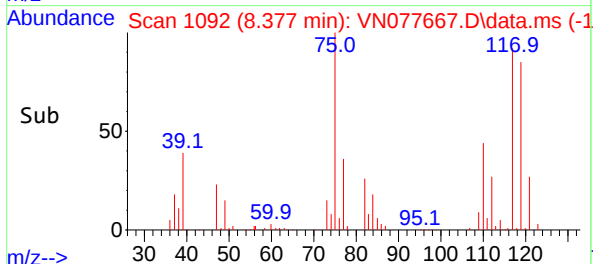
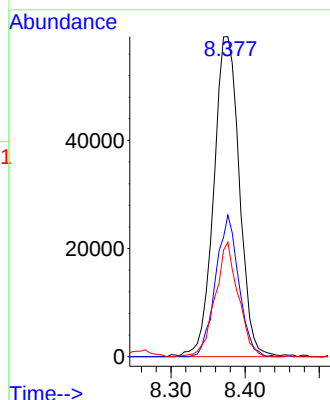
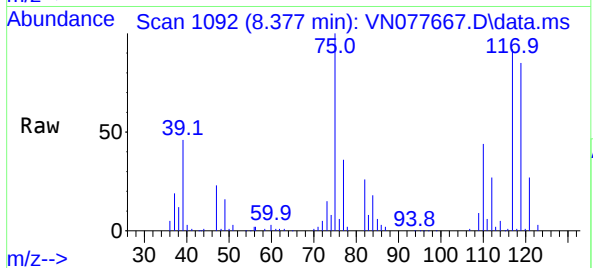




#29
1,1-Dichloropropene
Concen: 16.913 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

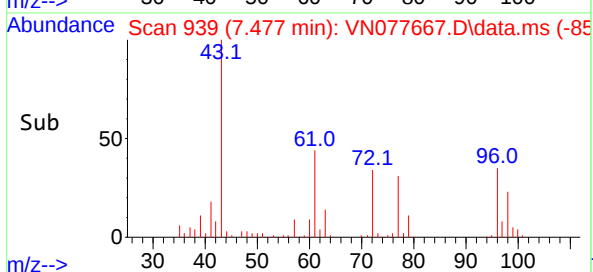
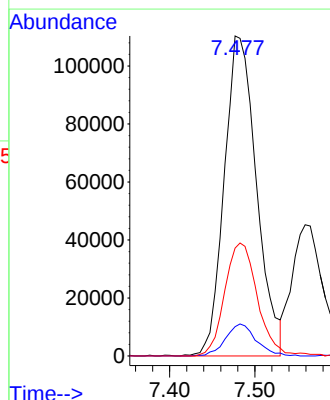
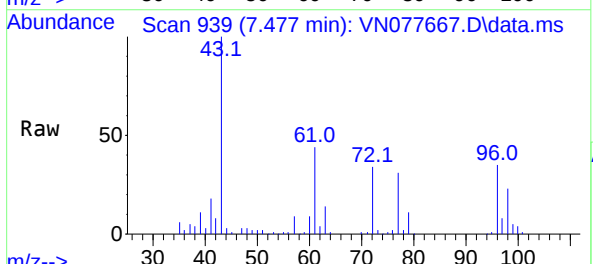
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

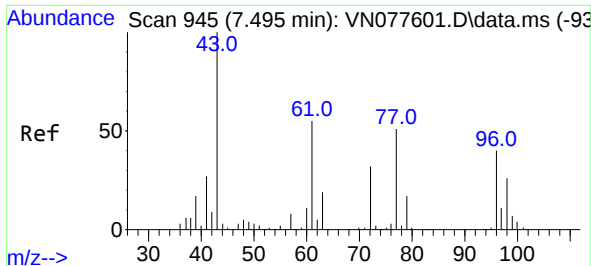
Tgt Ion: 75 Resp: 141674
Ion Ratio Lower Upper
75 100
110 39.8 0.0 69.8
77 32.6 0.0 61.4



#30
2-Butanone
Concen: 130.425 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.018 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 43 Resp: 291213
Ion Ratio Lower Upper
43 100
57 9.2 7.2 10.8
72 35.4 26.2 39.2

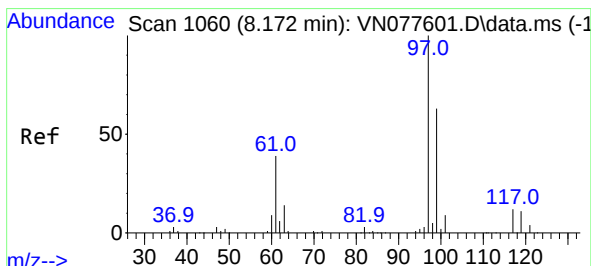
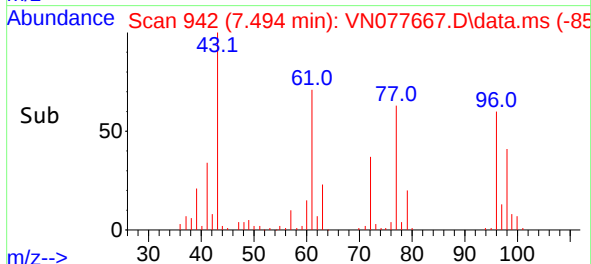
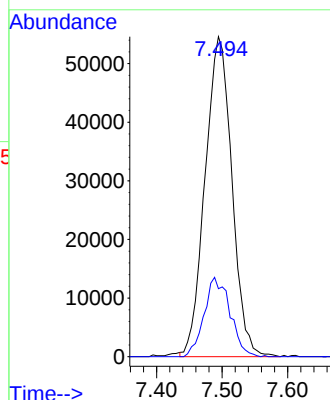
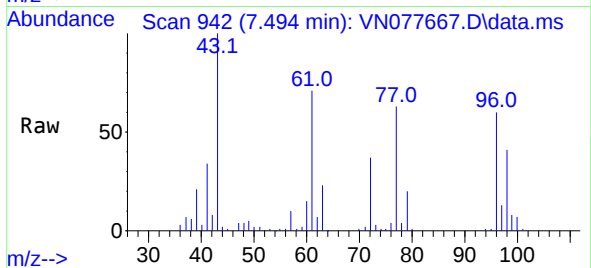




#31
2,2-Dichloropropane
Concen: 15.915 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

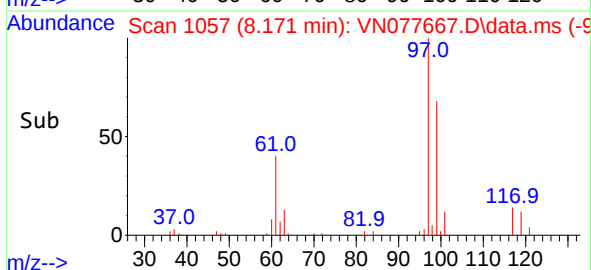
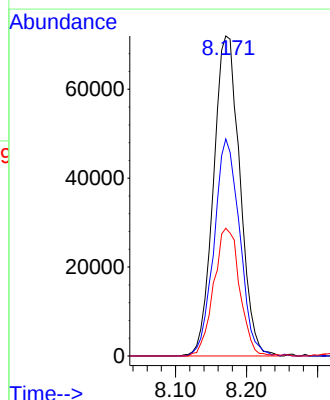
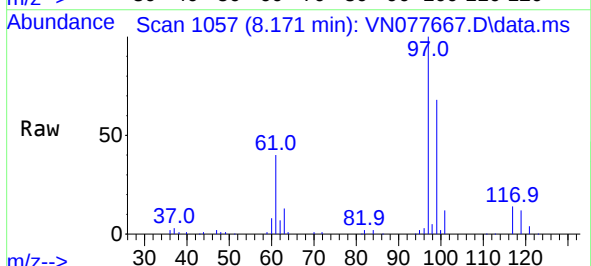
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

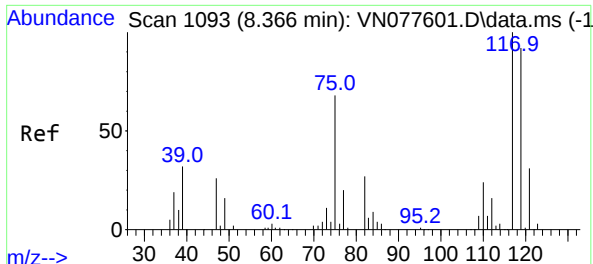
Tgt Ion: 77 Resp: 155321
Ion Ratio Lower Upper
77 100
97 14.0 19.1 28.7#



#32
1,1,1-Trichloroethane
Concen: 17.111 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 97 Resp: 185509
Ion Ratio Lower Upper
97 100
99 65.9 53.1 79.7
61 39.2 35.1 52.7

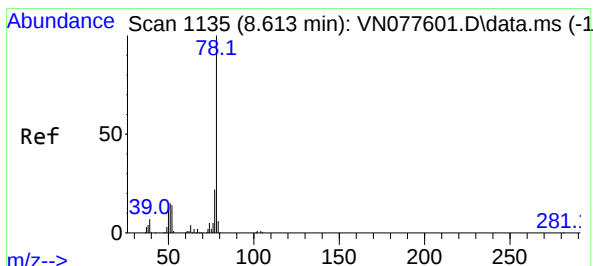
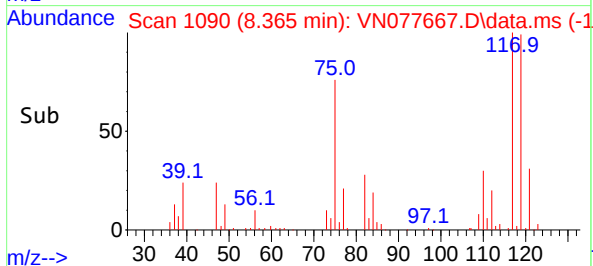
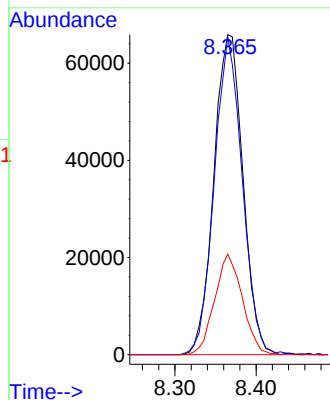
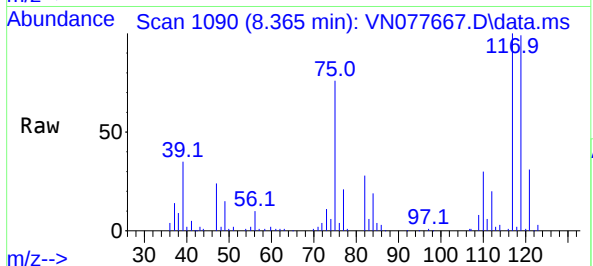




#33
Carbon Tetrachloride
Concen: 17.894 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

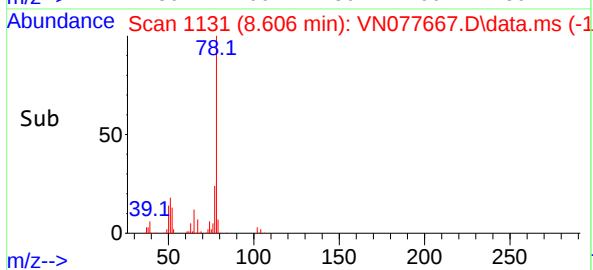
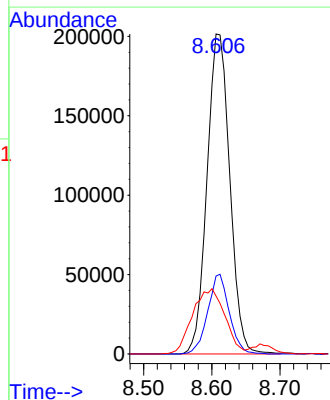
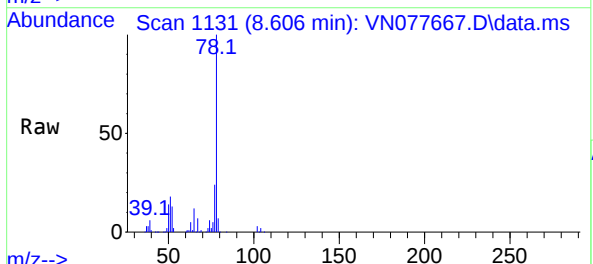
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

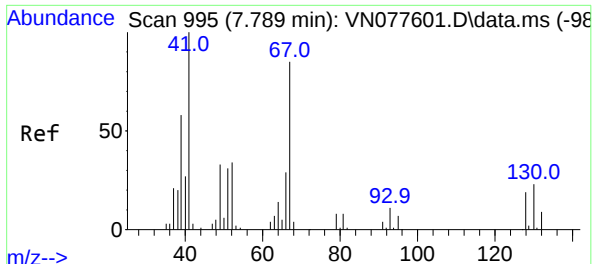
Tgt Ion:117 Resp: 164056
Ion Ratio Lower Upper
117 100
119 99.3 73.9 110.9
121 31.4 25.0 37.4



#34
Benzene
Concen: 18.542 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.007 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 78 Resp: 468987
Ion Ratio Lower Upper
78 100
77 24.3 17.2 25.8
51 17.5 12.3 18.5





#35

Methacrylonitrile

Concen: 25.706 ug/l

RT: 7.777 min Scan# 995

Delta R.T. -0.012 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

Tgt Ion: 41 Resp: 65149

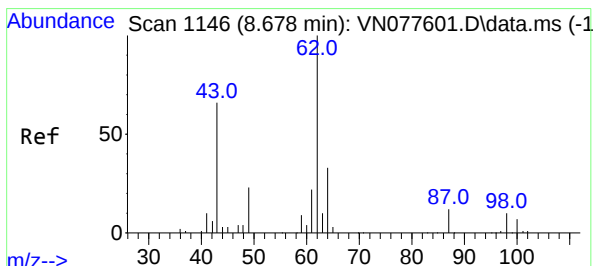
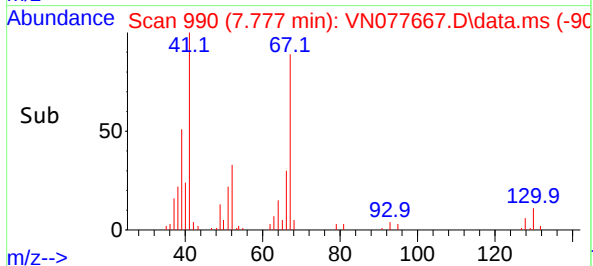
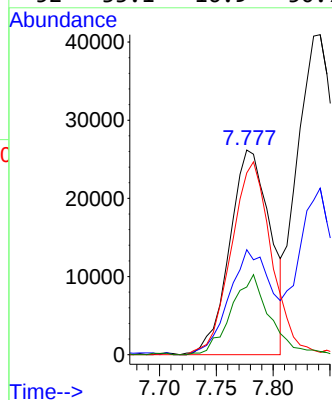
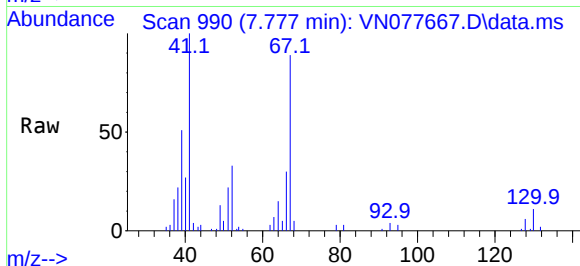
Ion Ratio Lower Upper

41 100

39 51.3 28.7 86.3

67 88.8 42.7 128.1

52 33.1 16.9 50.7



#36

1,2-Dichloroethane

Concen: 19.568 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.001 min

Lab File: VN077667.D

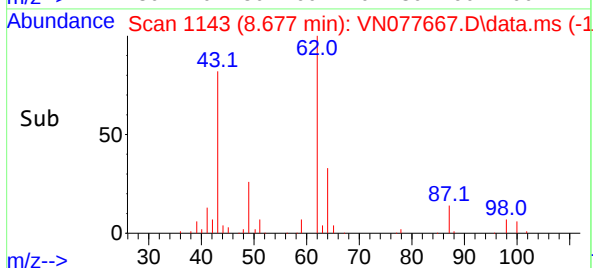
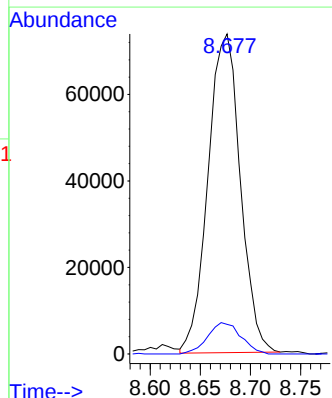
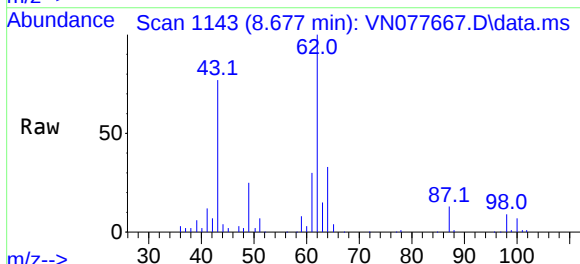
Acq: 12 May 2023 12:13

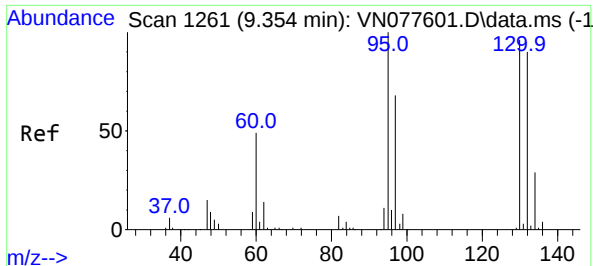
Tgt Ion: 62 Resp: 165012

Ion Ratio Lower Upper

62 100

98 10.2 7.6 11.4

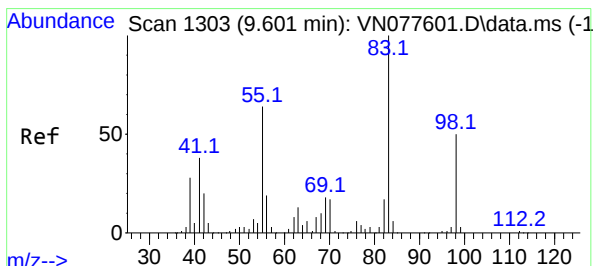
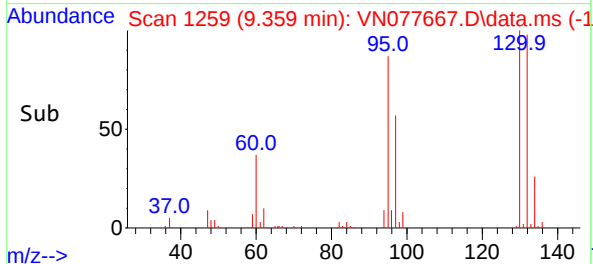
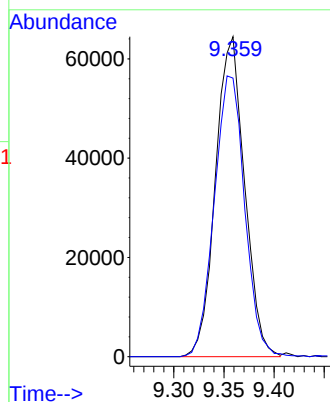
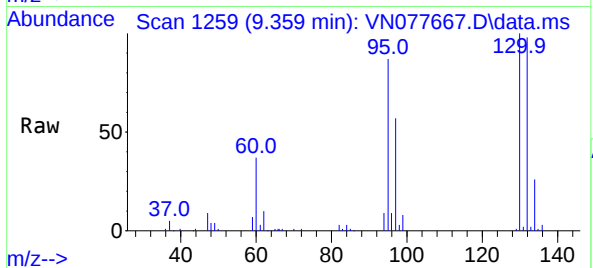




#37
Trichloroethene
Concen: 19.885 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

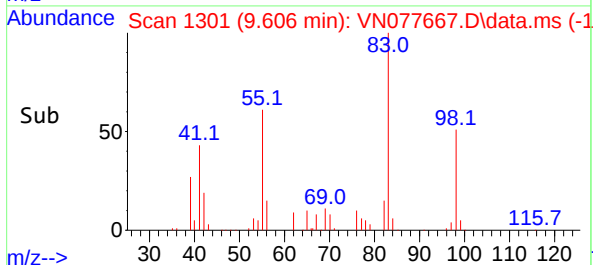
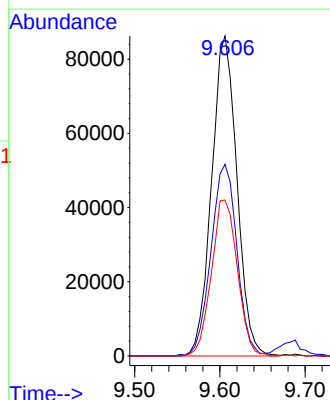
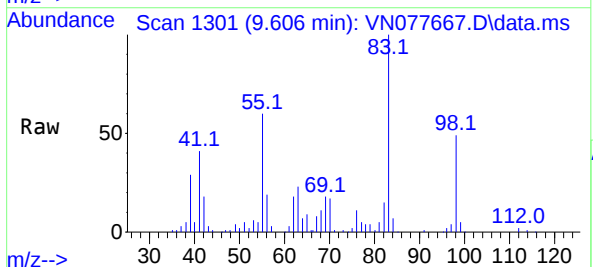
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

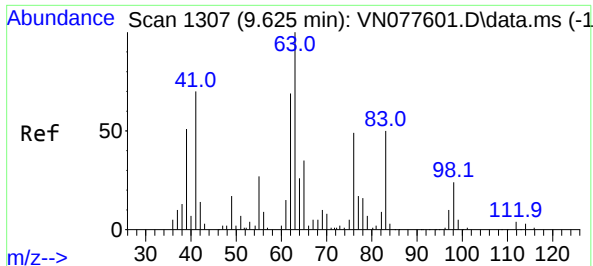
Tgt Ion:130 Resp: 130017
Ion Ratio Lower Upper
130 100
95 87.1 83.0 124.6



#38
Methylcyclohexane
Concen: 16.490 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 83 Resp: 177859
Ion Ratio Lower Upper
83 100
55 61.4 33.6 100.8
98 49.9 25.3 75.8

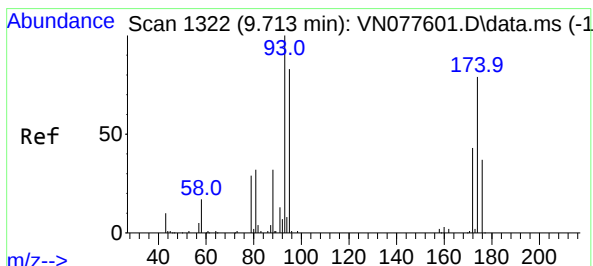
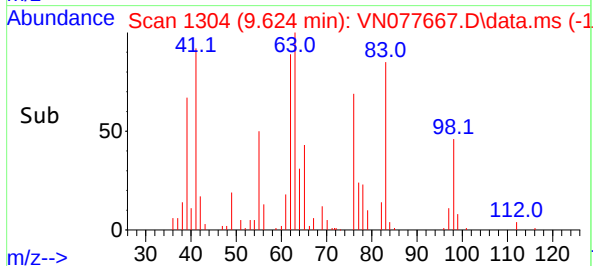
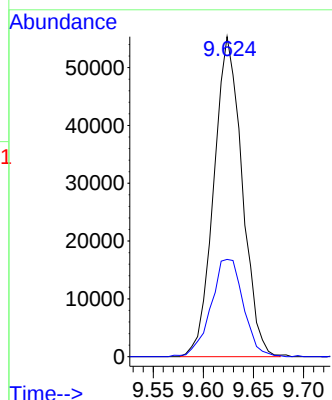
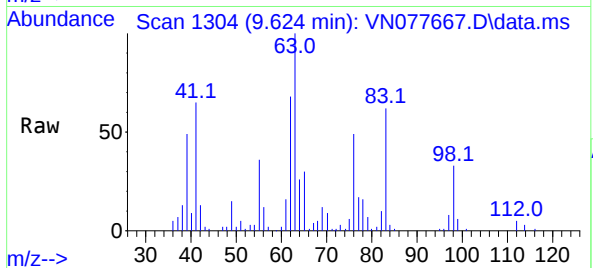




#39
1,2-Dichloropropane
Concen: 18.605 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

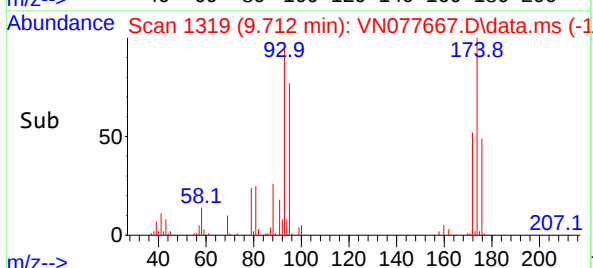
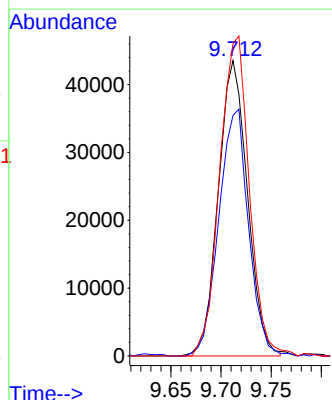
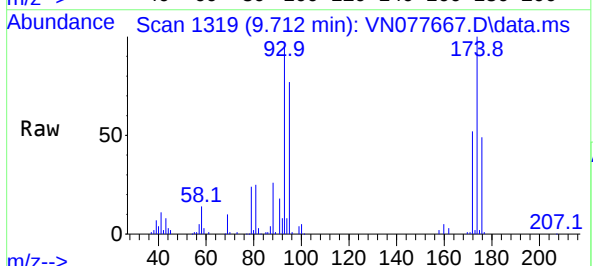
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

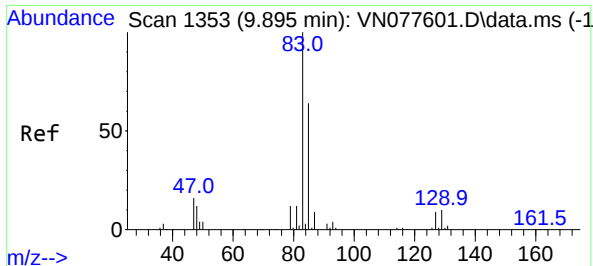
Tgt Ion: 63 Resp: 108951
Ion Ratio Lower Upper
63 100
65 30.1 28.2 42.4



#40
Dibromomethane
Concen: 19.081 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 93 Resp: 88091
Ion Ratio Lower Upper
93 100
95 84.8 0.0 164.0
174 109.9 0.0 157.0

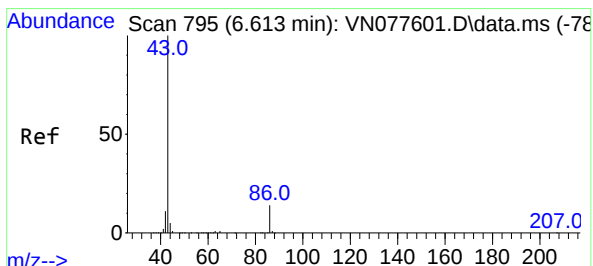
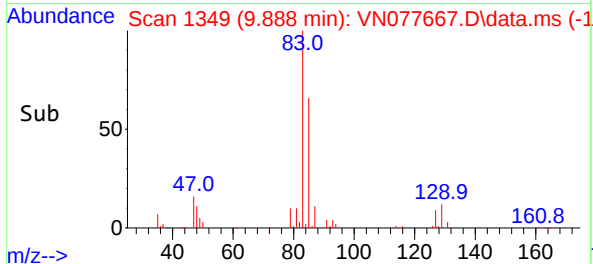
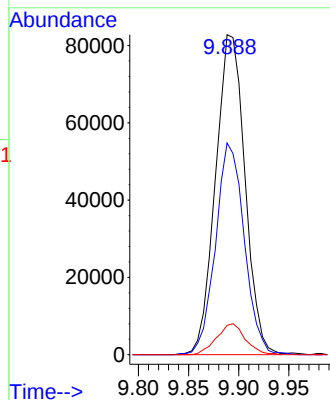
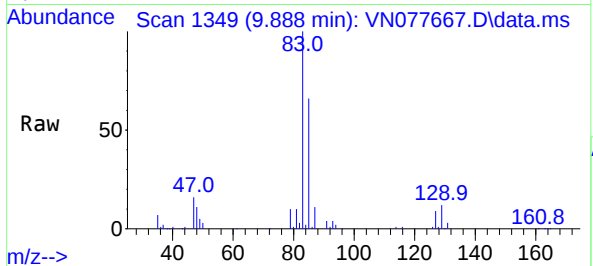




#41
Bromodichloromethane
Concen: 18.170 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.007 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

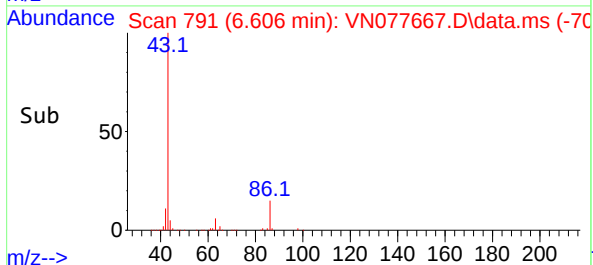
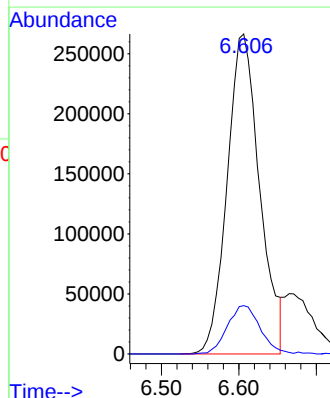
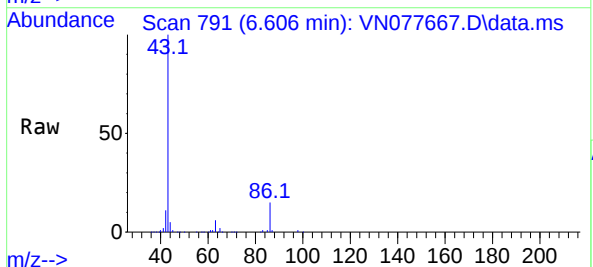
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

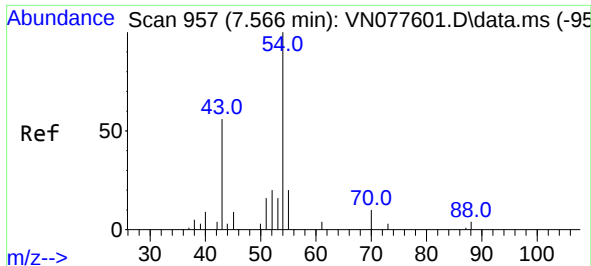
Tgt Ion: 83 Resp: 168915
Ion Ratio Lower Upper
83 100
85 65.8 51.2 76.8
127 9.1 7.3 10.9



#42
Vinyl Acetate
Concen: 93.995 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.007 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 43 Resp: 778506
Ion Ratio Lower Upper
43 100
86 14.7 10.3 15.5

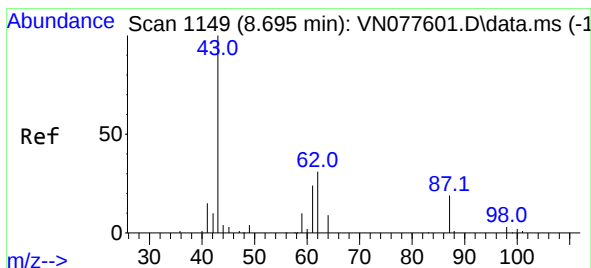
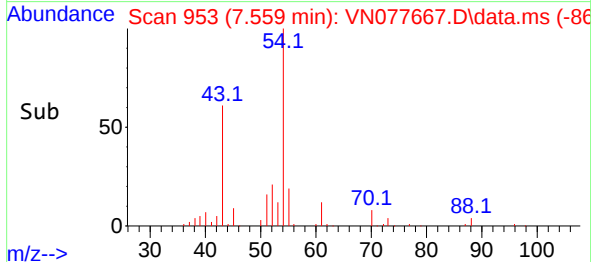
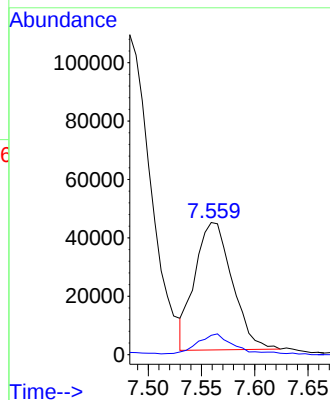
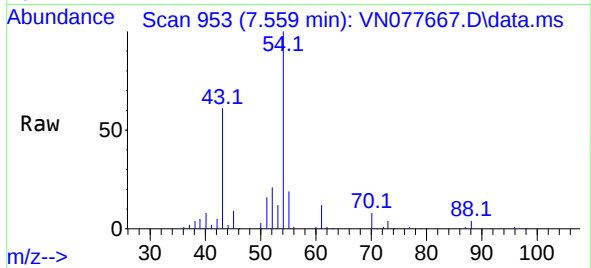




#43
Ethyl Acetate
Concen: 22.192 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.007 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

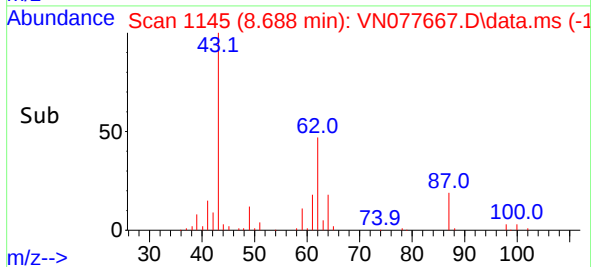
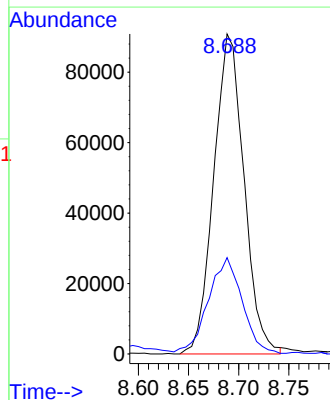
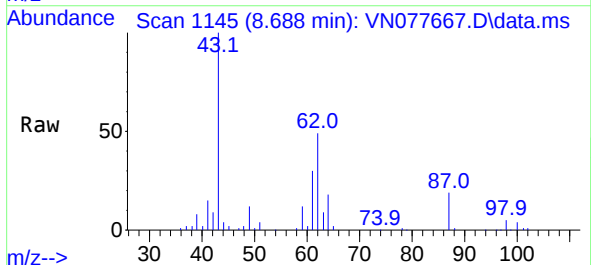
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

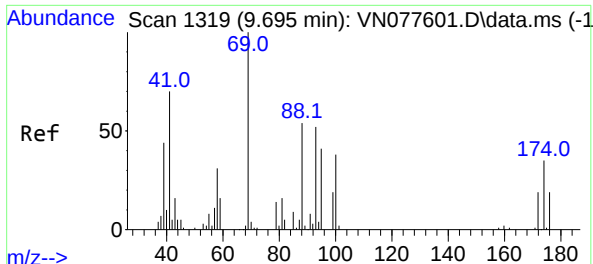
Tgt Ion: 43 Resp: 106488
Ion Ratio Lower Upper
43 100
45 15.0 8.2 12.4#



#44
Isopropyl Acetate
Concen: 21.721 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.007 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 43 Resp: 190838
Ion Ratio Lower Upper
43 100
61 33.3 23.2 34.8

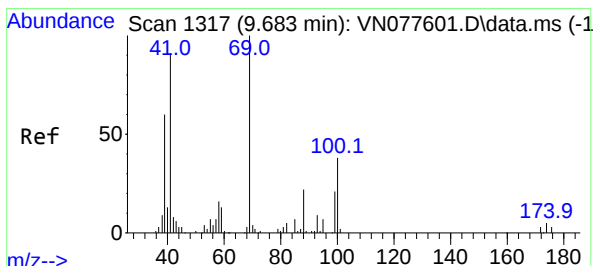
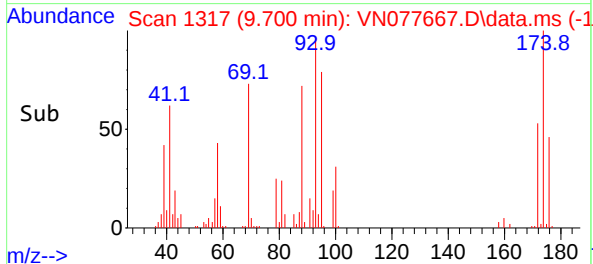
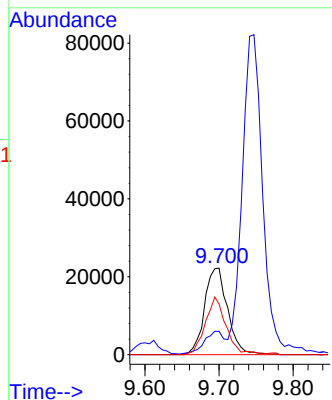
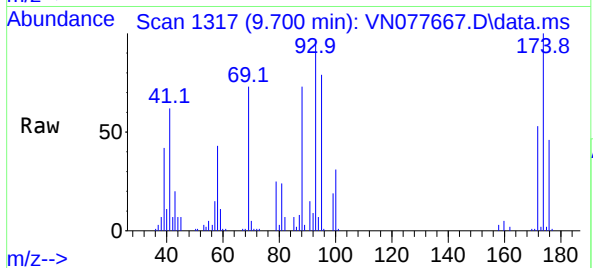




#45
1,4-Dioxane
Concen: 440.931 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

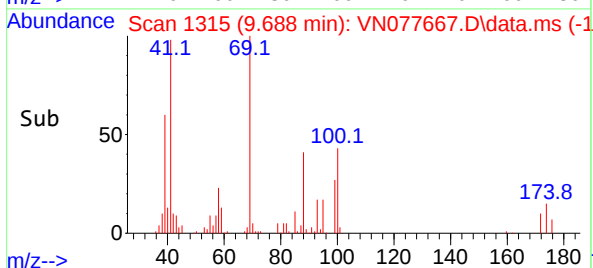
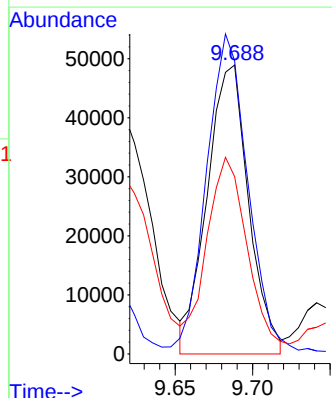
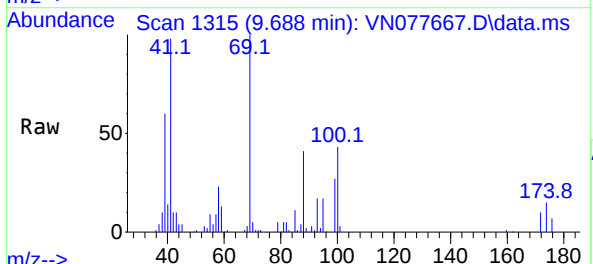
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

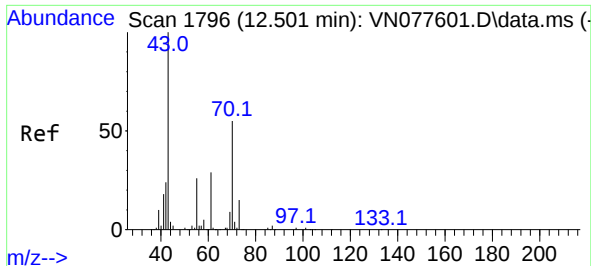
Tgt Ion: 88 Resp: 48156
Ion Ratio Lower Upper
88 100
43 24.0 18.2 27.2
58 57.8 47.5 71.3



#46
Methyl methacrylate
Concen: 23.094 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 41 Resp: 91126
Ion Ratio Lower Upper
41 100
69 100.9 52.0 156.0
39 59.8 33.6 100.6





#47

n-amyl acetate

Concen: 19.832 ug/l

RT: 12.500 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

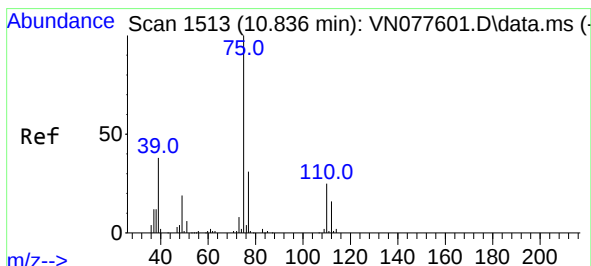
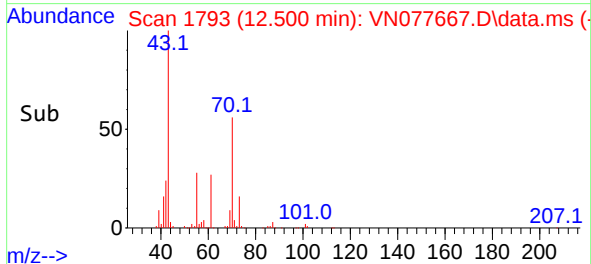
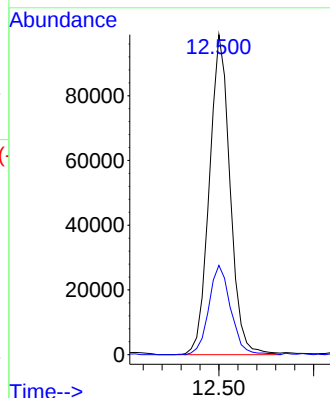
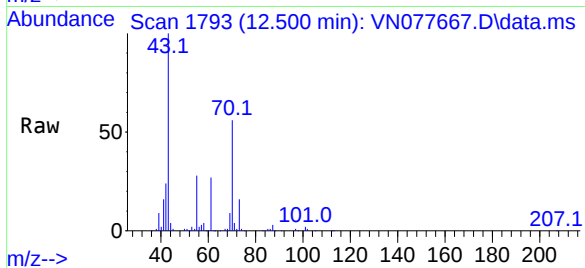
VN0512WBSD01

Tgt Ion: 43 Resp: 150071

Ion Ratio Lower Upper

43 100

55 29.5 21.4 32.0



#48

t-1,3-Dichloropropene

Concen: 17.851 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.005 min

Lab File: VN077667.D

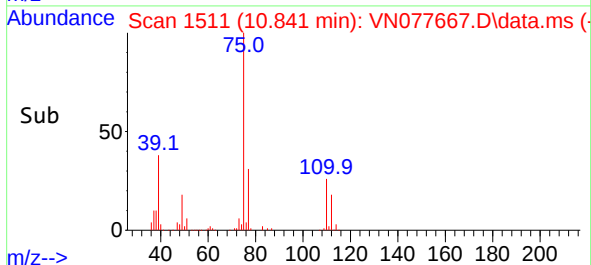
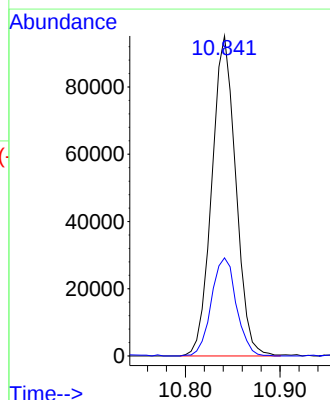
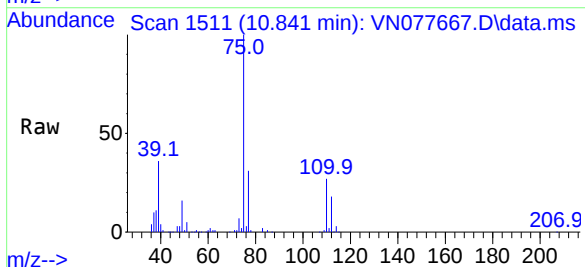
Acq: 12 May 2023 12:13

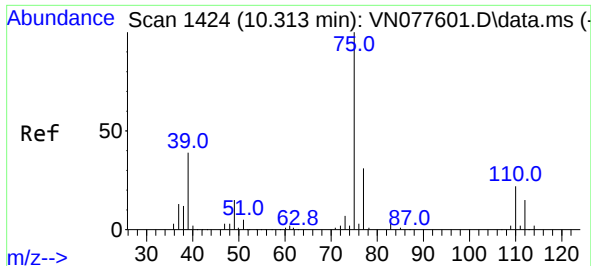
Tgt Ion: 75 Resp: 167302

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 18.290 ug/l

RT: 10.318 min Scan# 1424

Delta R.T. 0.005 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

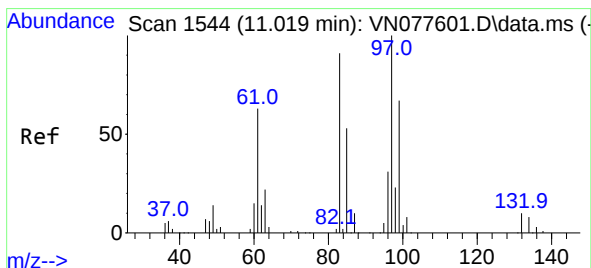
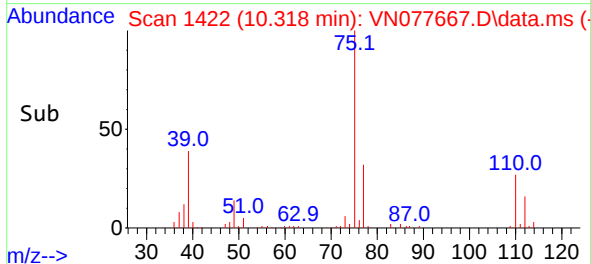
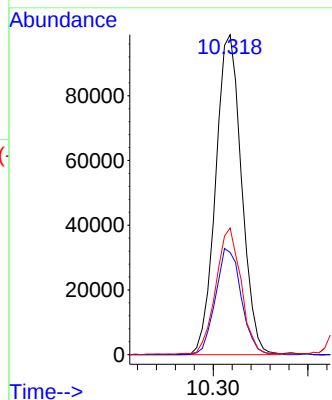
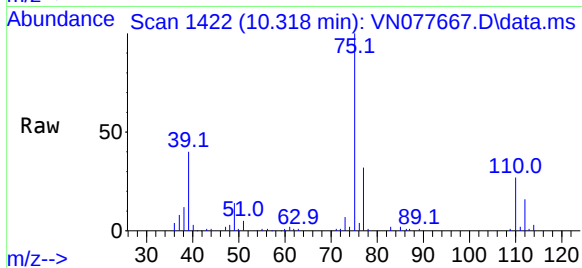
Tgt Ion: 75 Resp: 187884

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

39 39.3 31.0 46.6



#50

1,1,2-Trichloroethane

Concen: 20.479 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.005 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Tgt Ion: 97 Resp: 136153

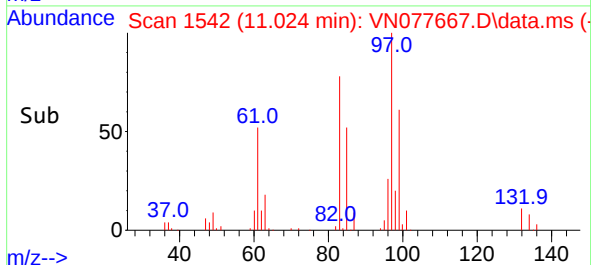
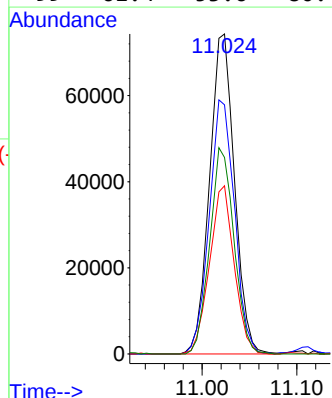
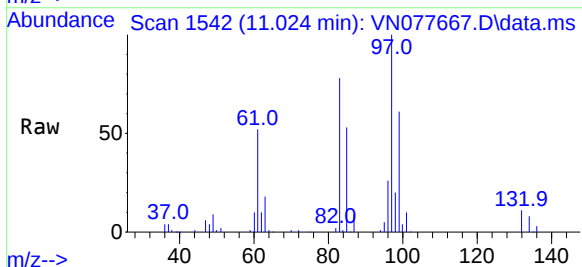
Ion Ratio Lower Upper

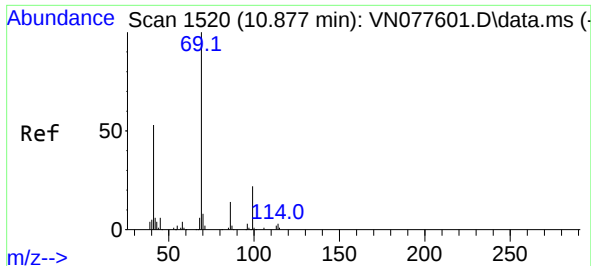
97 100

83 77.8 72.6 108.8

85 52.5 42.6 63.8

99 61.4 53.6 80.4

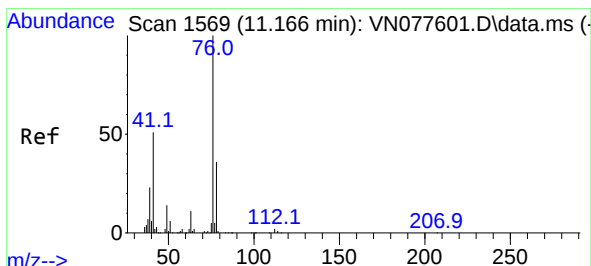
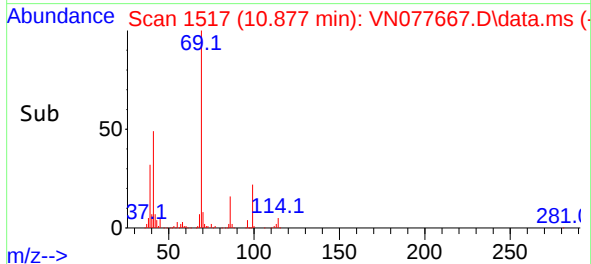
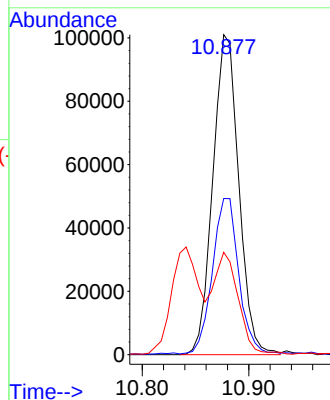
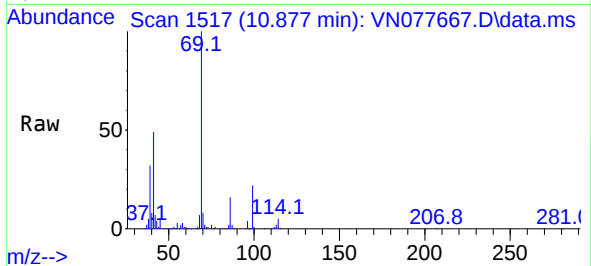




#51
Ethyl methacrylate
Concen: 19.918 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

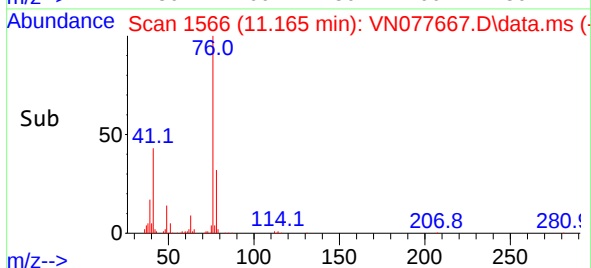
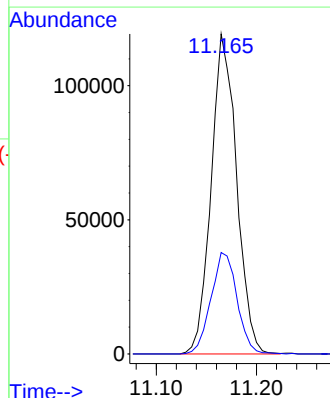
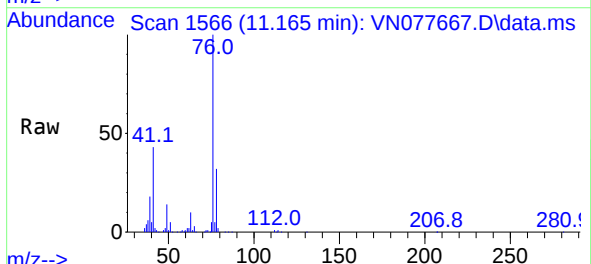
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

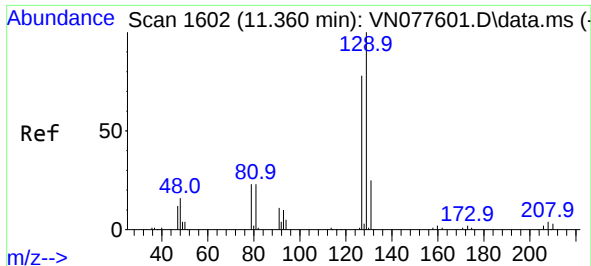
Tgt Ion: 69 Resp: 170952
Ion Ratio Lower Upper
69 100
41 48.5 26.3 78.9
39 31.3 18.1 54.1



#52
1,3-Dichloropropane
Concen: 19.575 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 76 Resp: 210433
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.4

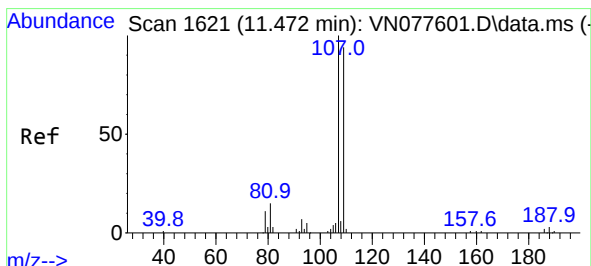
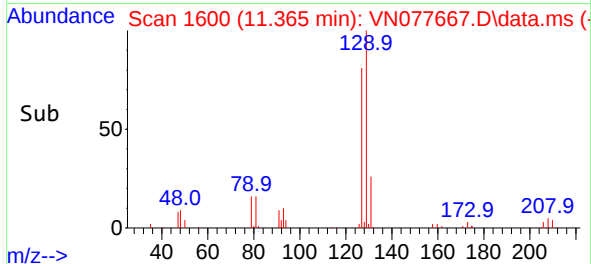
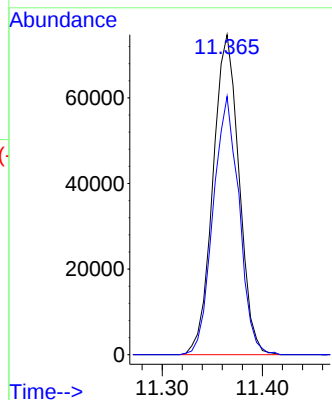
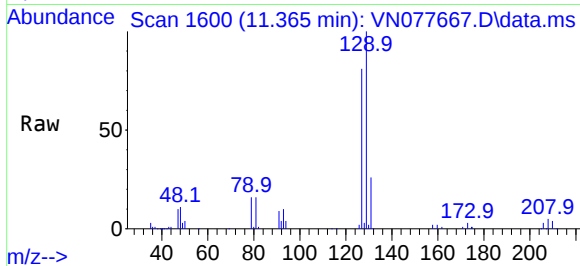




#53
Dibromochloromethane
Concen: 19.544 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

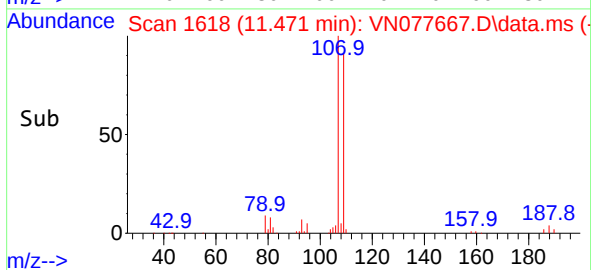
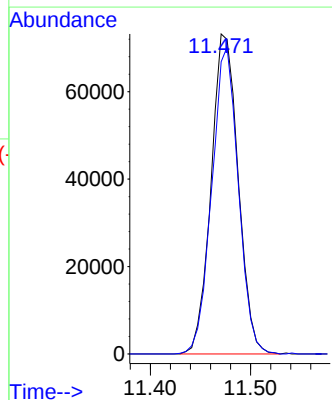
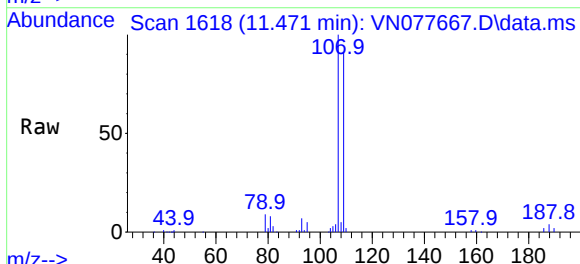
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

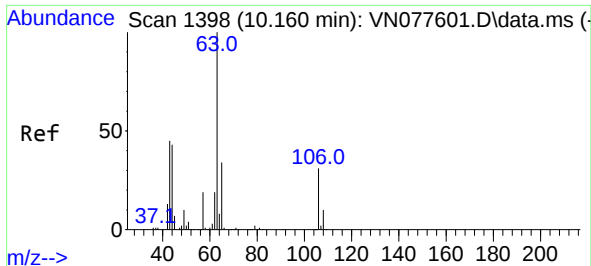
Tgt Ion:129 Resp: 135190
Ion Ratio Lower Upper
129 100
127 80.3 39.4 118.1



#54
1,2-Dibromoethane
Concen: 20.745 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion:107 Resp: 137007
Ion Ratio Lower Upper
107 100
109 94.0 77.4 116.2

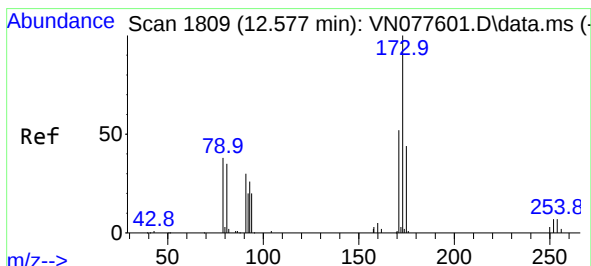
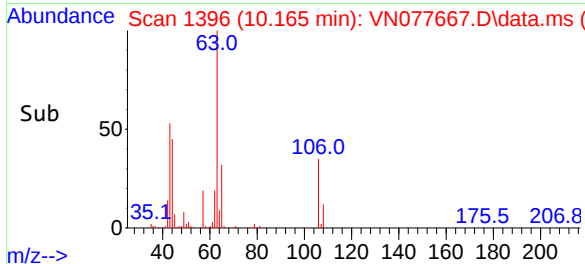
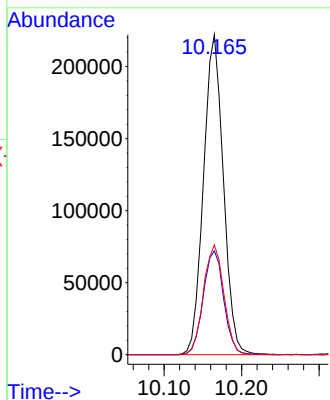
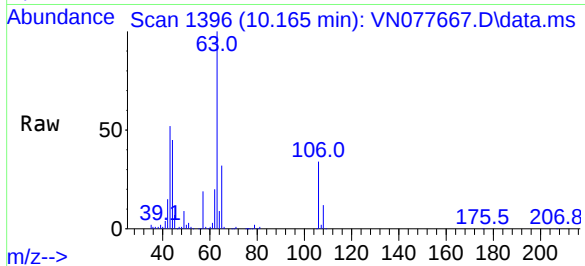




#55
2-Chloroethyl vinyl ether
Concen: 101.951 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

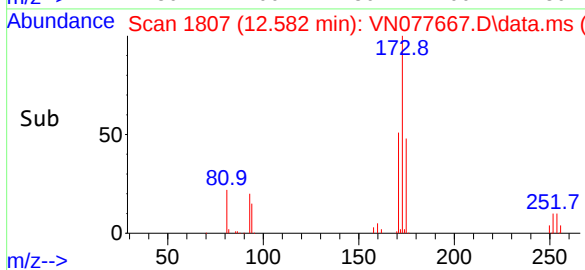
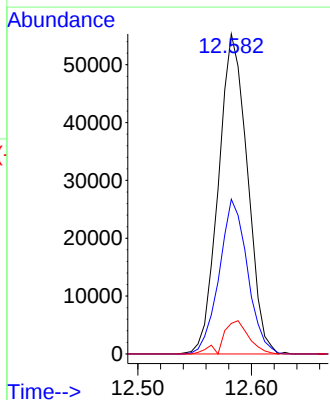
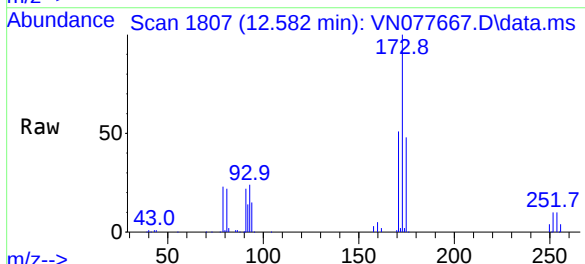
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

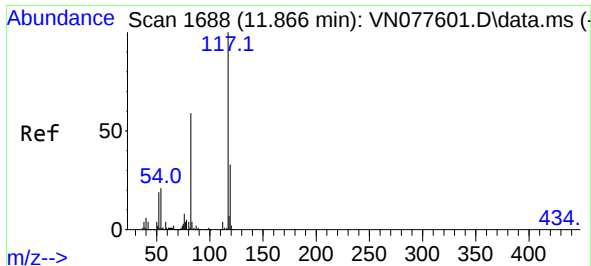
Tgt Ion: 63 Resp: 395684
Ion Ratio Lower Upper
63 100
65 33.4 26.8 40.2
106 35.1 25.6 38.4



#56
Bromoform
Concen: 24.035 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion:173 Resp: 97825
Ion Ratio Lower Upper
173 100
175 47.3 39.4 59.2
254 8.4 5.8 8.6

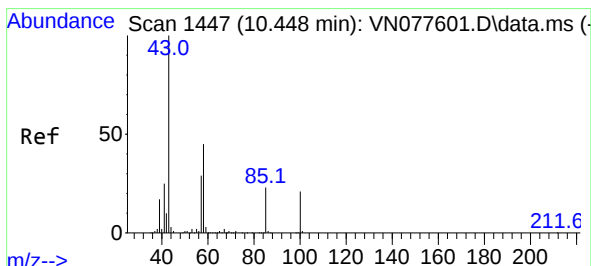
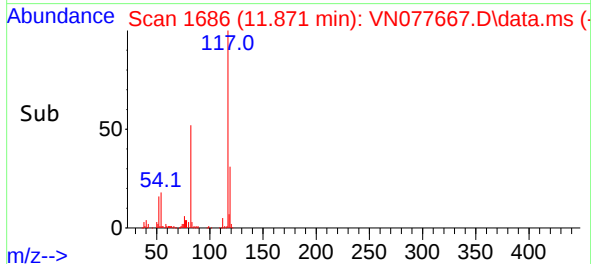
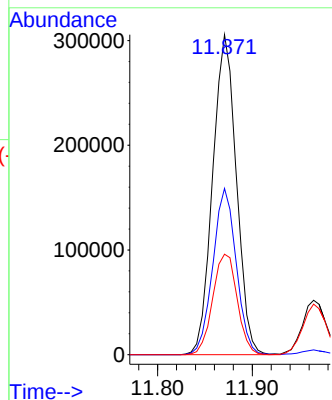
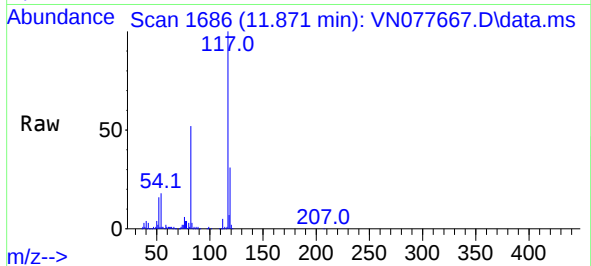




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

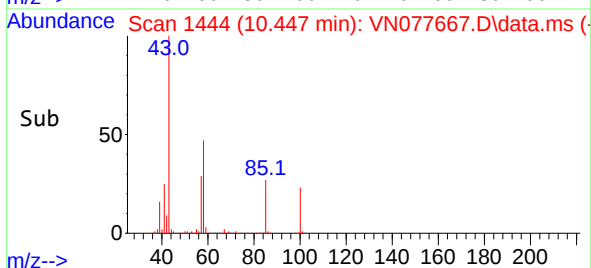
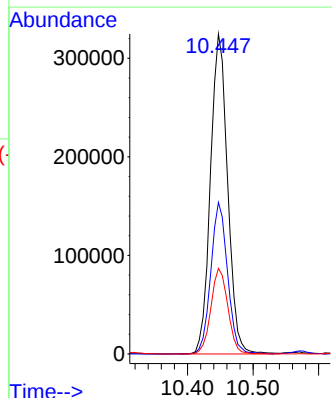
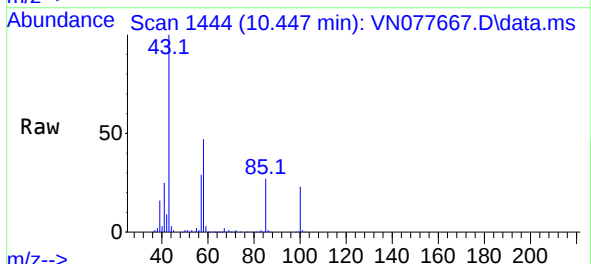
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

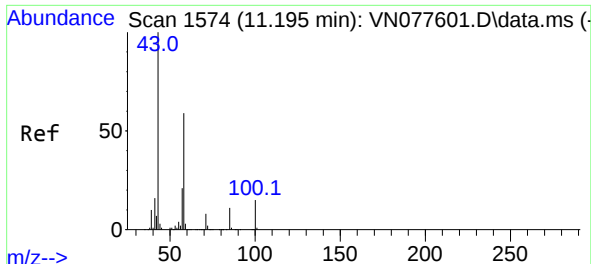
Tgt Ion:117 Resp: 532288
Ion Ratio Lower Upper
117 100
82 51.3 47.4 71.2
119 32.4 26.6 39.8



#58
4-Methyl-2-Pentanone
Concen: 120.532 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 43 Resp: 590827
Ion Ratio Lower Upper
43 100
58 46.1 35.4 53.2
85 26.3 18.2 27.2





#59

2-Hexanone

Concen: 119.519 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Instrument :

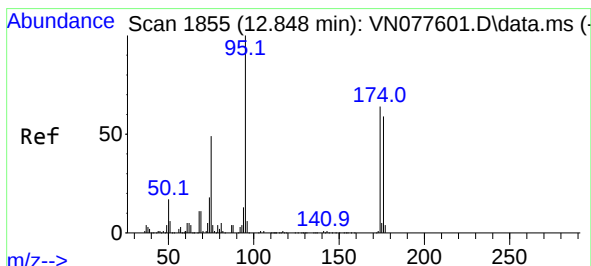
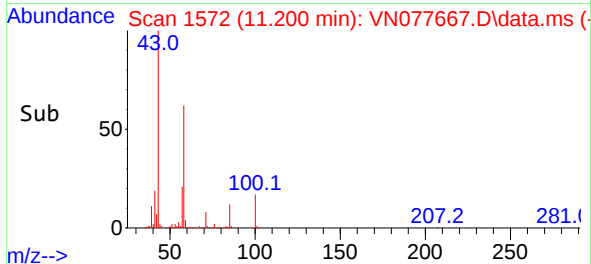
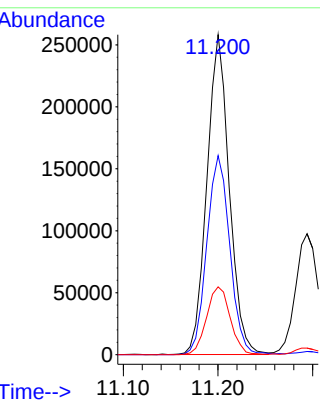
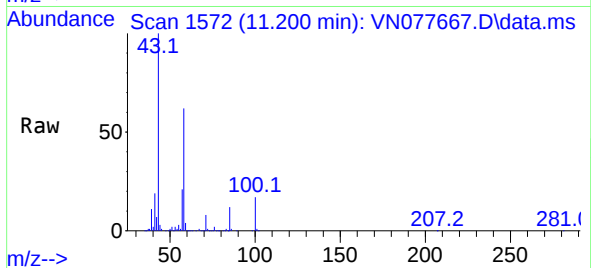
MSVOA_N

ClientSampleId :

VN0512WBSD01

Tgt Ion: 43 Resp: 422912

Ion	Ratio	Lower	Upper
43	100		
58	64.0	48.2	72.2
57	22.5	17.3	25.9



#60

4-Bromofluorobenzene

Concen: 27.893 ug/l

RT: 12.853 min Scan# 1853

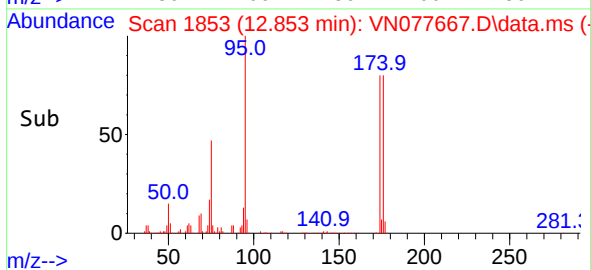
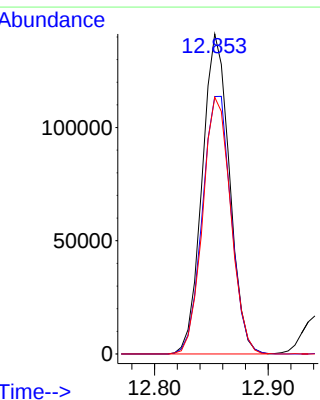
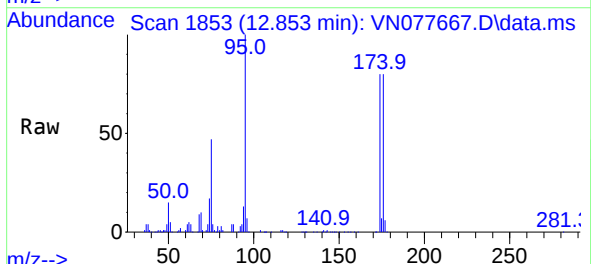
Delta R.T. 0.005 min

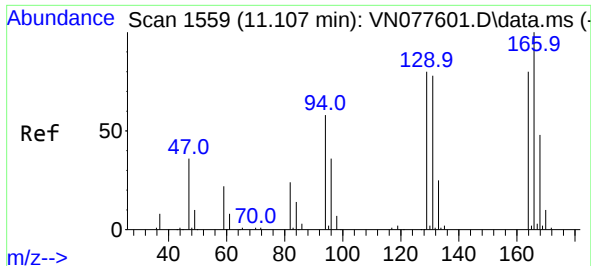
Lab File: VN077667.D

Acq: 12 May 2023 12:13

Tgt Ion: 95 Resp: 236076

Ion	Ratio	Lower	Upper
95	100		
174	84.8	53.4	80.0#
176	82.3	50.0	75.0#

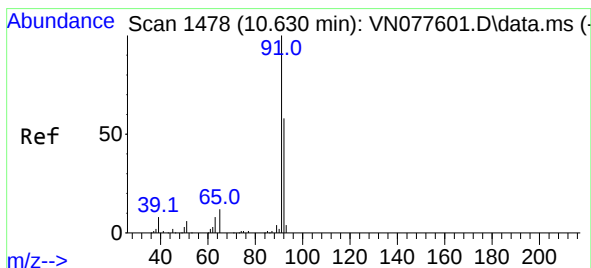
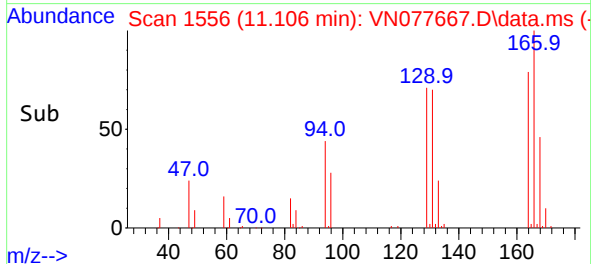
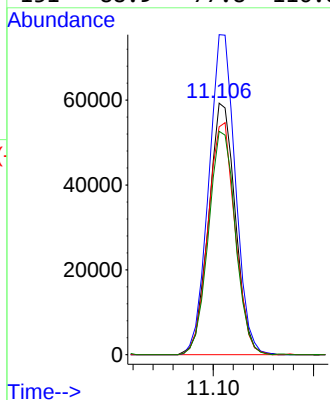
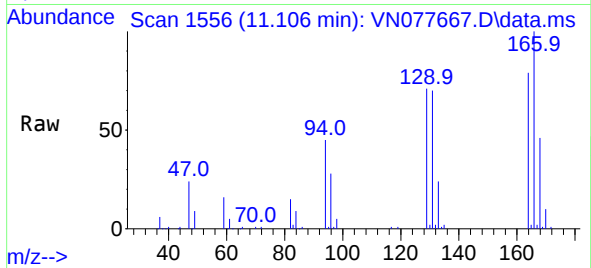




#61
Tetrachloroethene
Concen: 21.282 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

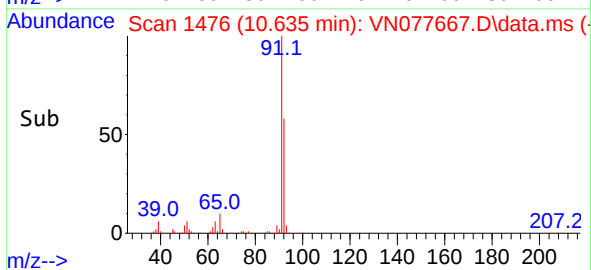
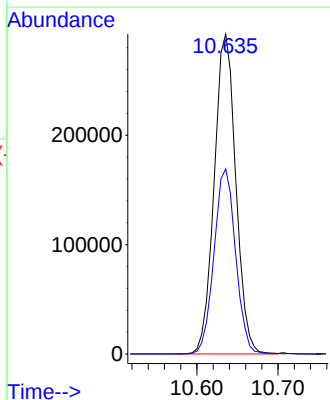
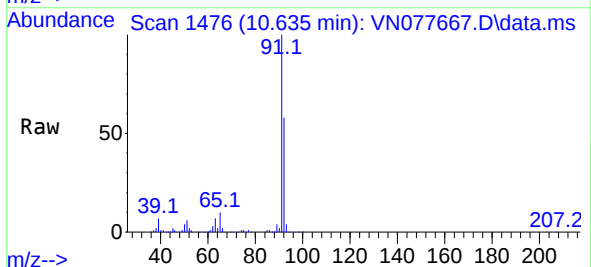
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

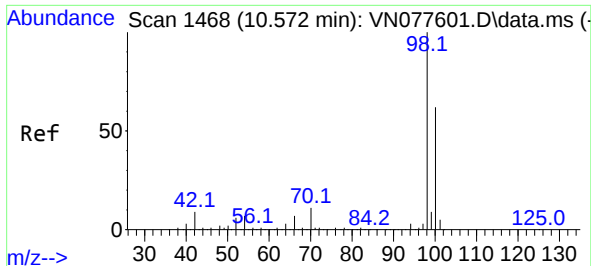
Tgt Ion:164 Resp: 109577
Ion Ratio Lower Upper
164 100
166 127.2 100.5 150.7
129 90.6 80.6 120.8
131 88.9 77.8 116.8



#62
Toluene
Concen: 18.360 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 91 Resp: 541072
Ion Ratio Lower Upper
91 100
92 57.8 47.0 70.6

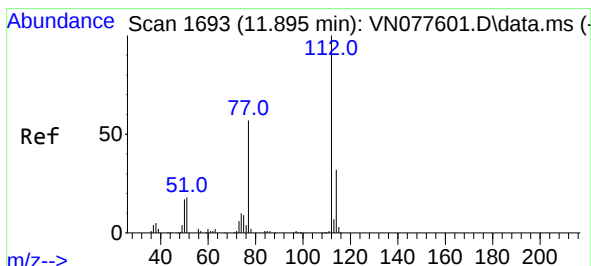
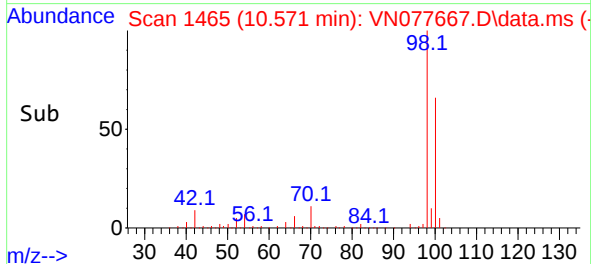
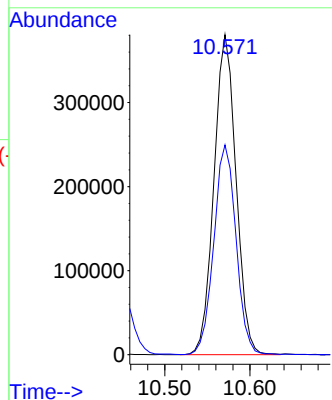
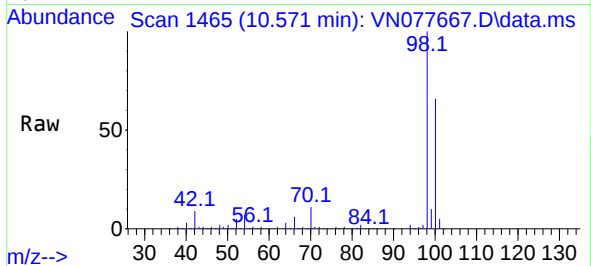




#63
Toluene-d8
Concen: 27.892 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

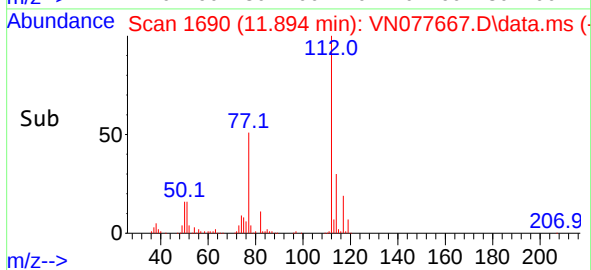
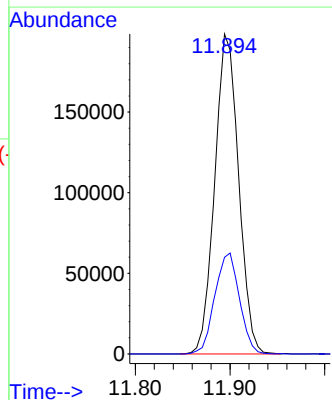
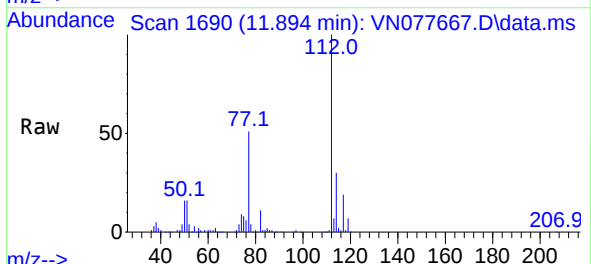
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

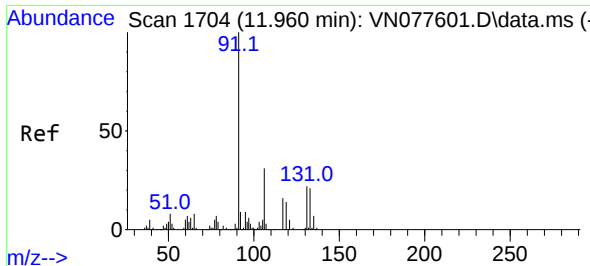
Tgt Ion: 98 Resp: 685706
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#64
Chlorobenzene
Concen: 19.202 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion:112 Resp: 348003
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.8

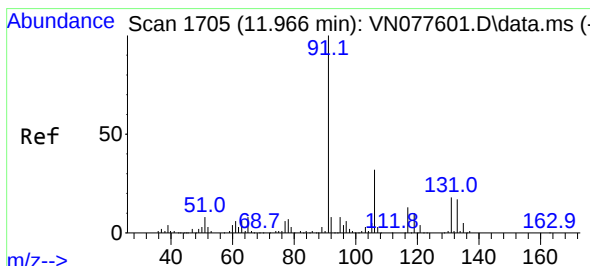
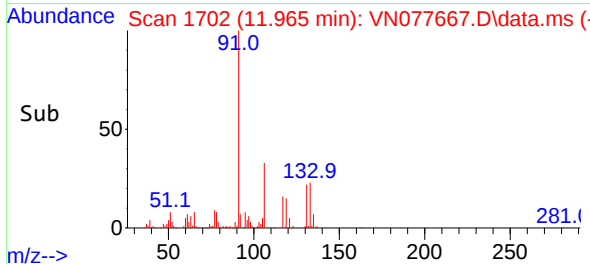
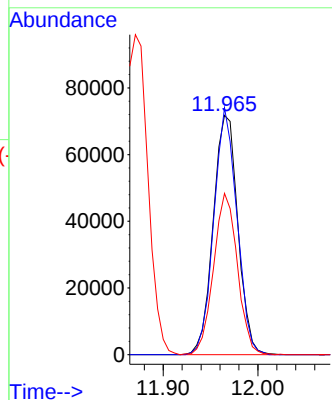
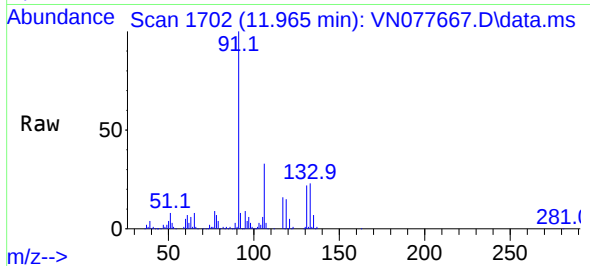




#65
1,1,1,2-Tetrachloroethane
Concen: 19.863 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

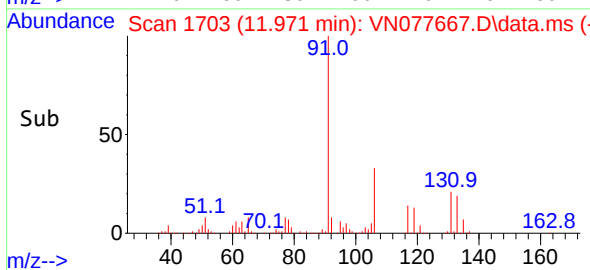
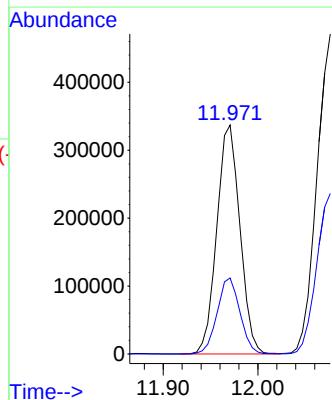
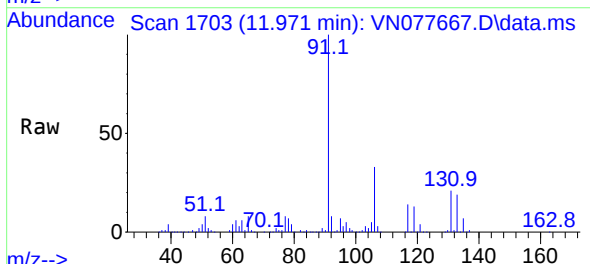
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

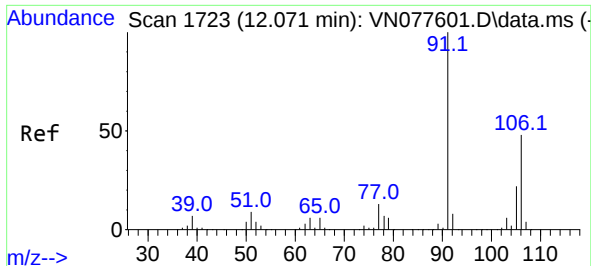
Tgt Ion:131 Resp: 129865
Ion Ratio Lower Upper
131 100
133 96.7 0.0 181.2
119 65.1 0.0 125.0



#66
Ethyl Benzene
Concen: 17.527 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 91 Resp: 572324
Ion Ratio Lower Upper
91 100
106 33.2 25.7 38.5

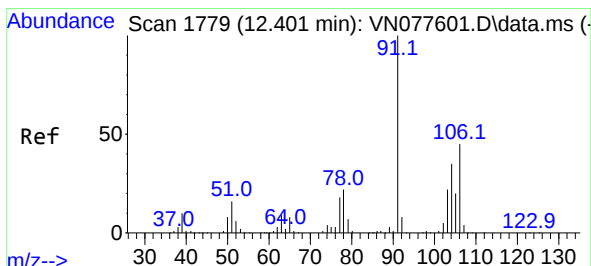
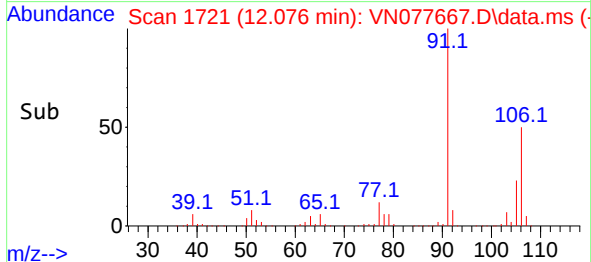
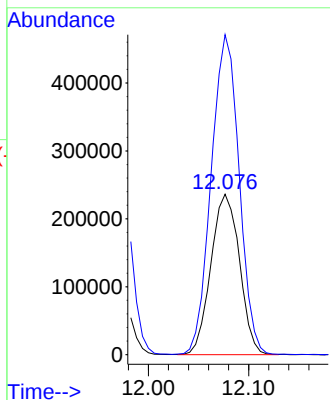
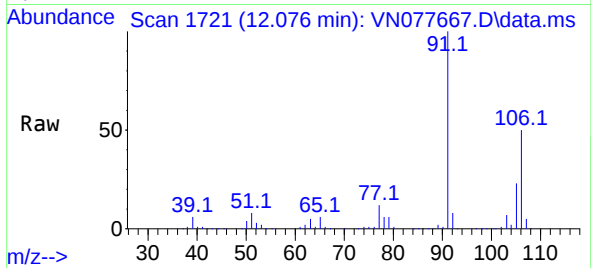




#67
m/p-Xylenes
Concen: 36.420 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

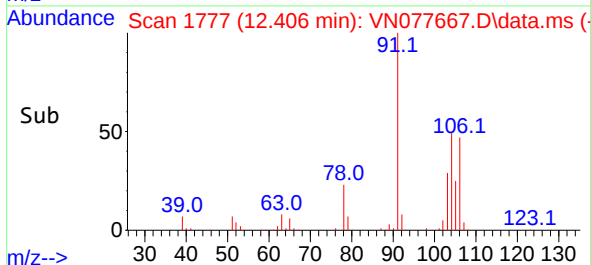
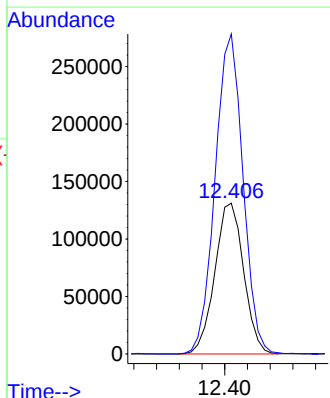
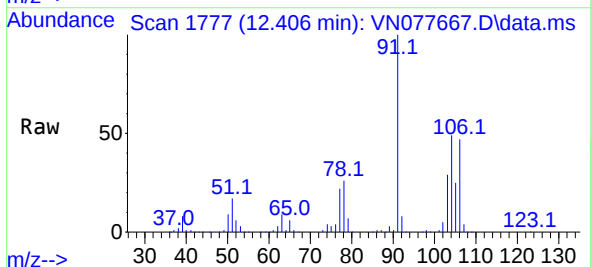
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

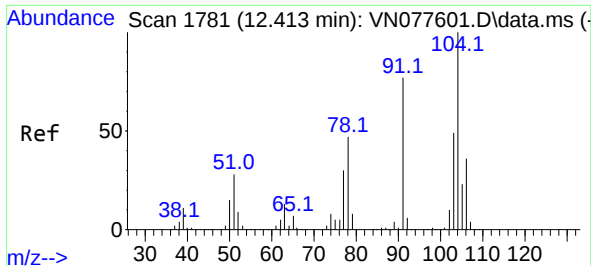
Tgt Ion:106 Resp: 467887
Ion Ratio Lower Upper
106 100
91 195.2 162.6 244.0



#68
o-Xylene
Concen: 18.241 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion:106 Resp: 230947
Ion Ratio Lower Upper
106 100
91 205.2 109.5 328.4





#69

Styrene

Concen: 18.433 ug/l

RT: 12.418 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

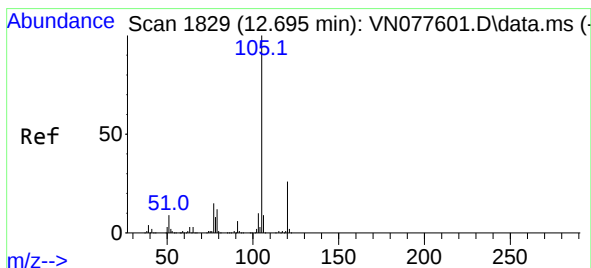
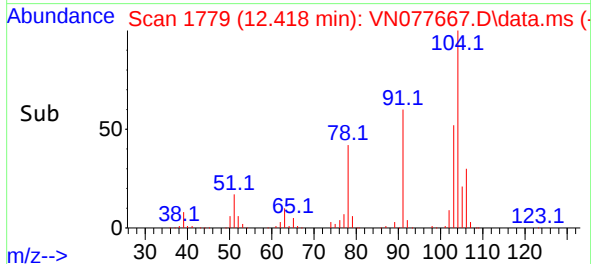
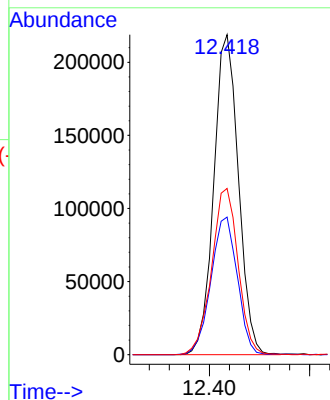
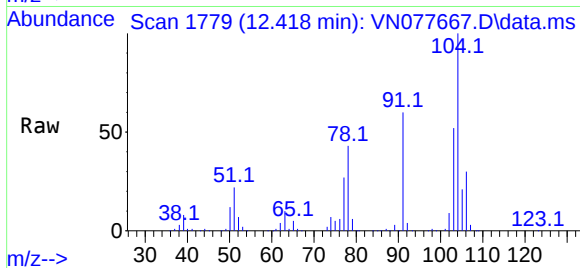
Tgt Ion:104 Resp: 373173

Ion Ratio Lower Upper

104 100

78 46.0 41.3 61.9

103 55.8 44.0 66.0



#70

Isopropylbenzene

Concen: 17.880 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.005 min

Lab File: VN077667.D

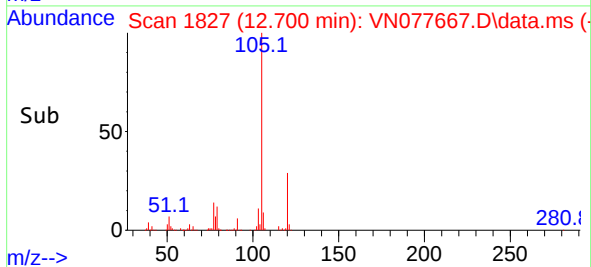
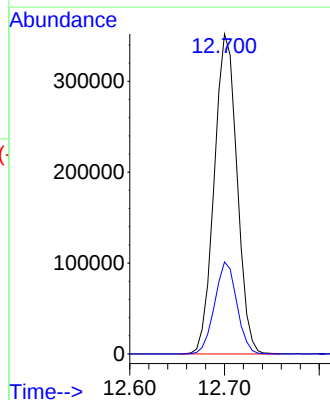
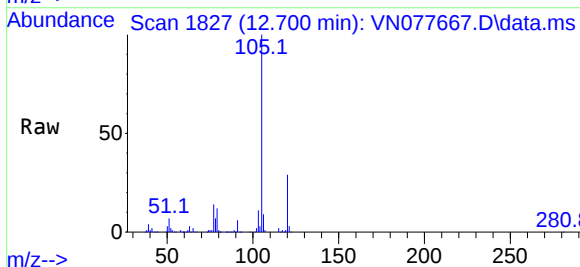
Acq: 12 May 2023 12:13

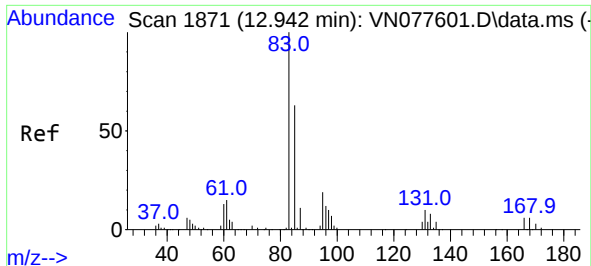
Tgt Ion:105 Resp: 587973

Ion Ratio Lower Upper

105 100

120 28.0 18.5 34.3

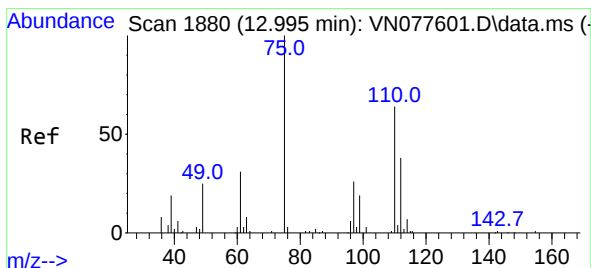
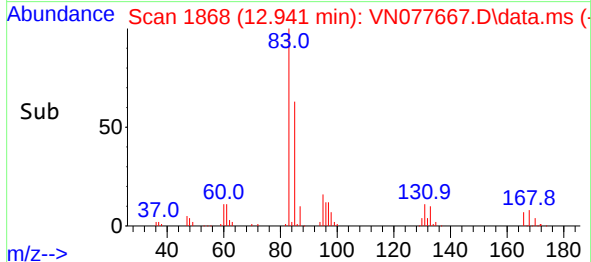
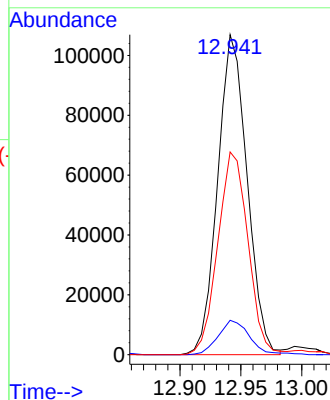
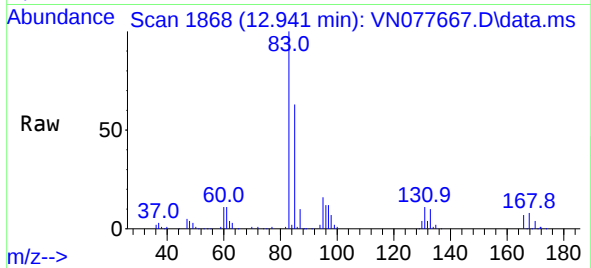




#71
1,1,2,2-Tetrachloroethane
Concen: 20.406 ug/l
RT: 12.941 min Scan# 1871
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

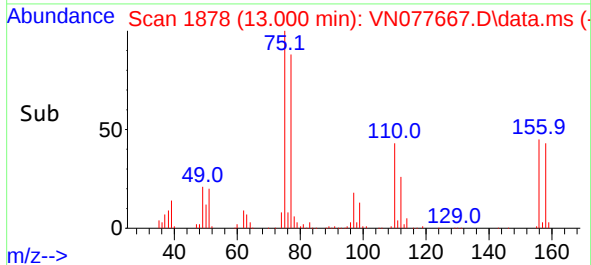
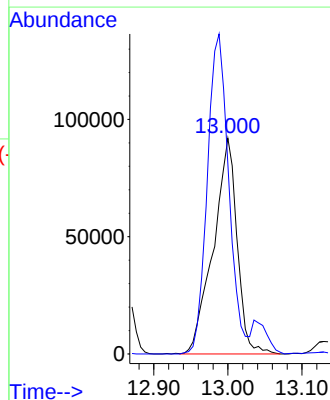
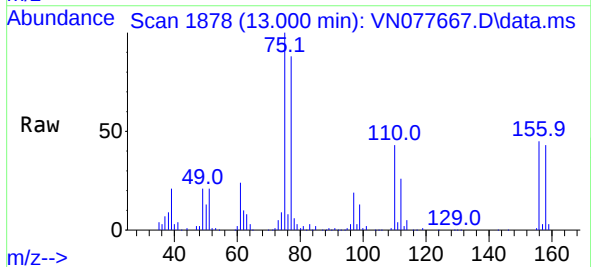
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

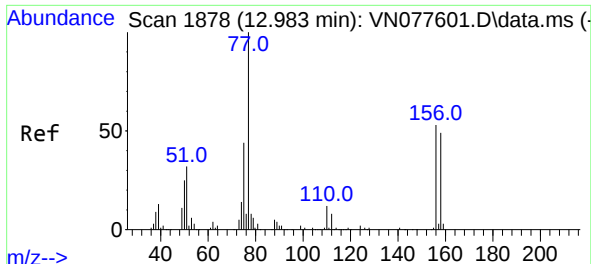
Tgt Ion: 83 Resp: 179956
Ion Ratio Lower Upper
83 100
131 11.5 4.8 14.3
85 65.1 33.4 100.2



#72
1,2,3-Trichloropropane
Concen: 27.942 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 75 Resp: 205030
Ion Ratio Lower Upper
75 100
77 134.0 0.0 354.6

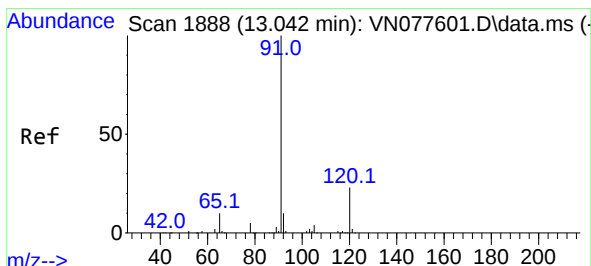
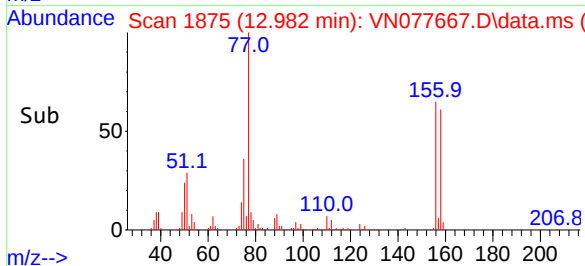
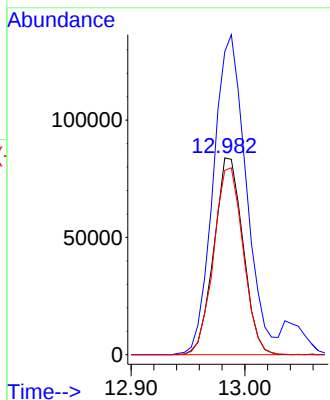
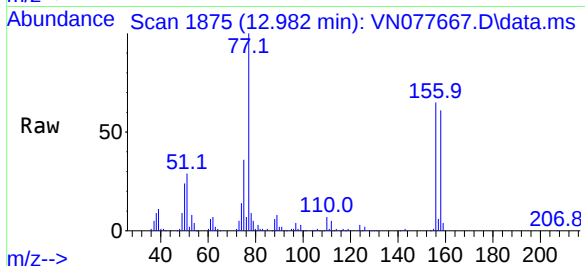




#73
Bromobenzene
Concen: 21.788 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

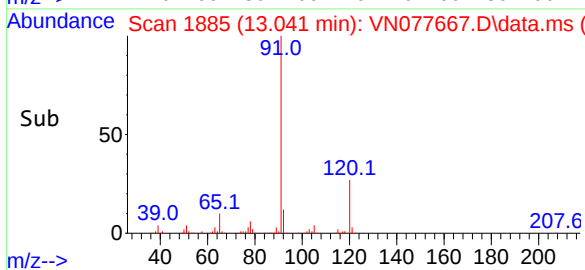
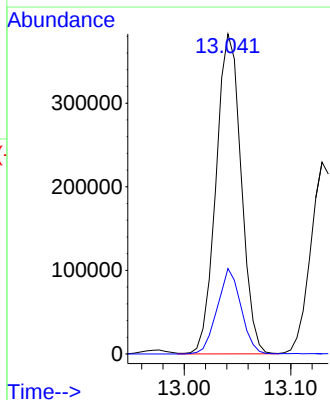
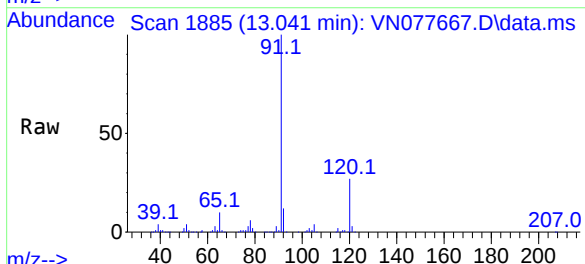
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

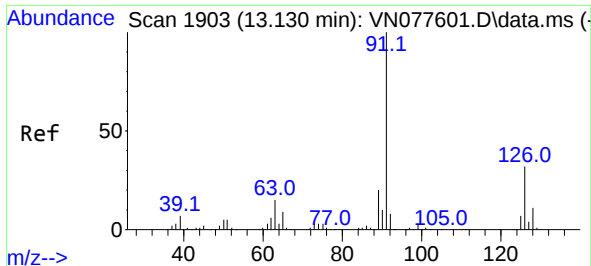
Tgt Ion:156 Resp: 149818
Ion Ratio Lower Upper
156 100
77 183.3 0.0 466.4
158 96.3 0.0 196.2



#74
n-propylbenzene
Concen: 17.035 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 91 Resp: 626372
Ion Ratio Lower Upper
91 100
120 25.2 0.0 45.6

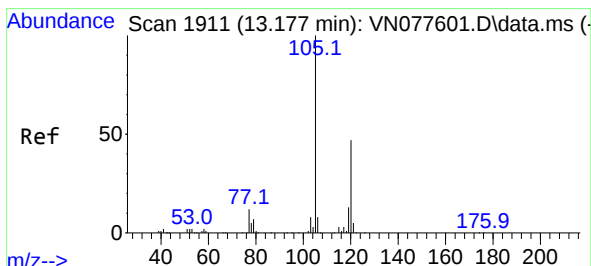
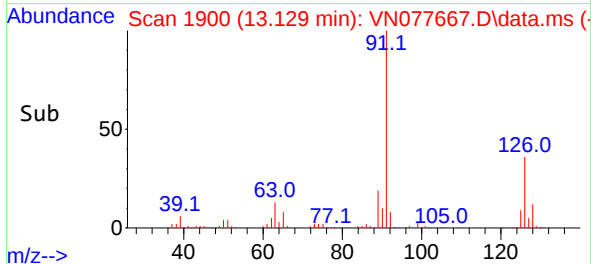
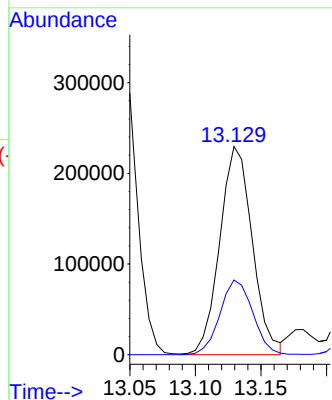
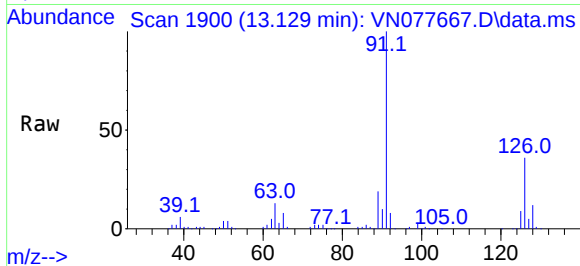




#75
2-Chlorotoluene
Concen: 17.842 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

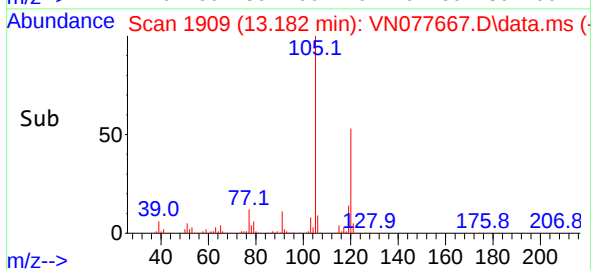
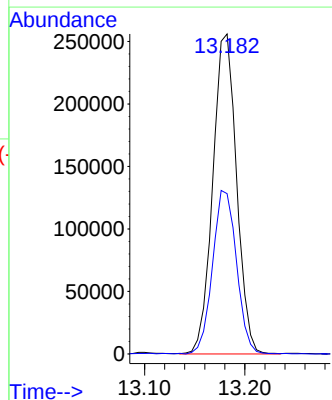
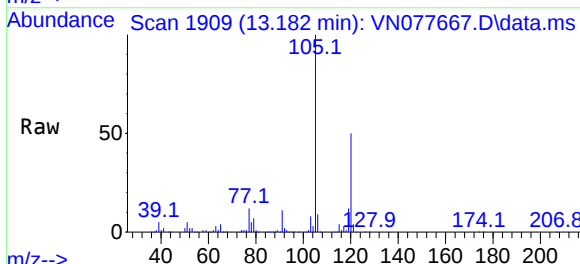
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

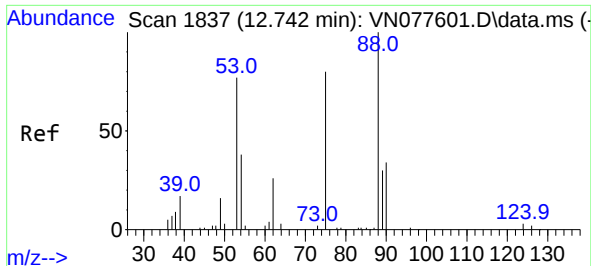
Tgt Ion: 91 Resp: 396782
Ion Ratio Lower Upper
91 100
126 36.0 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 16.228 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 105 Resp: 421748
Ion Ratio Lower Upper
105 100
120 51.4 0.0 95.2

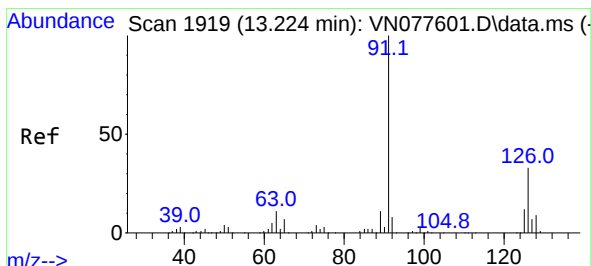
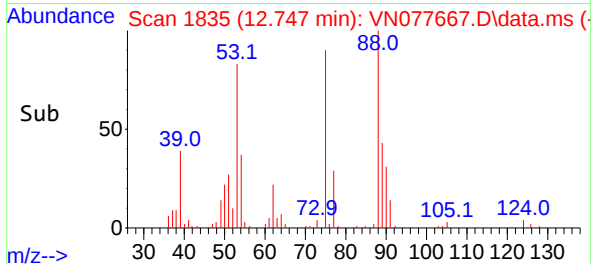
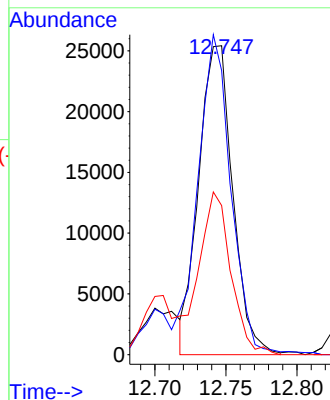
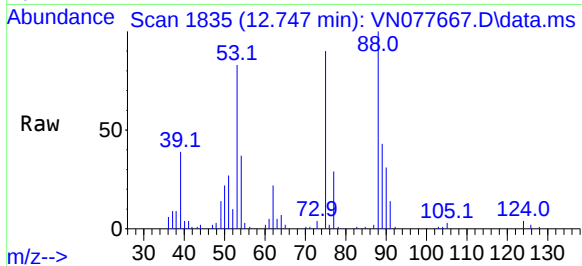




#77
t-1,4-Dichloro-2-butene
Concen: 16.577 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

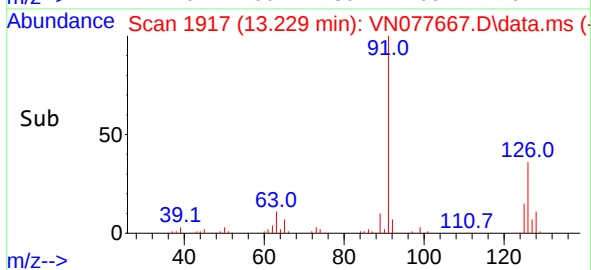
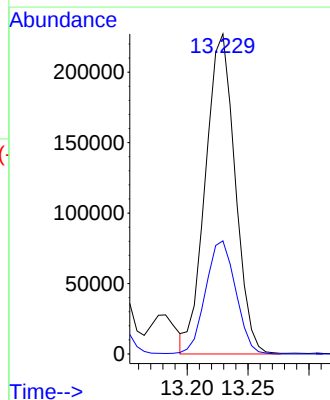
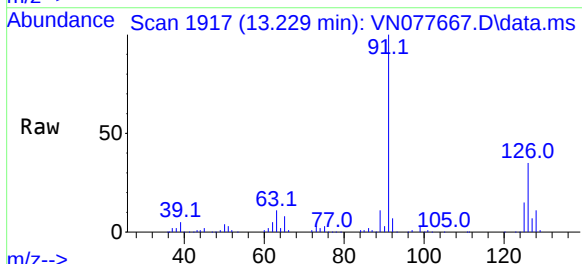
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

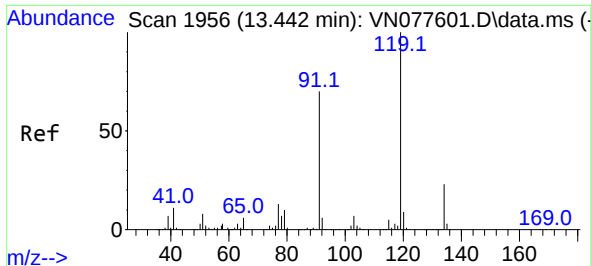
Tgt Ion:	75	Resp:	42374
Ion	Ratio	Lower	Upper
75	100		
53	91.6	46.9	140.7
89	48.6	21.0	63.0



#78
4-Chlorotoluene
Concen: 17.757 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion:	91	Resp:	385560
Ion	Ratio	Lower	Upper
91	100		
126	35.8	0.0	64.6

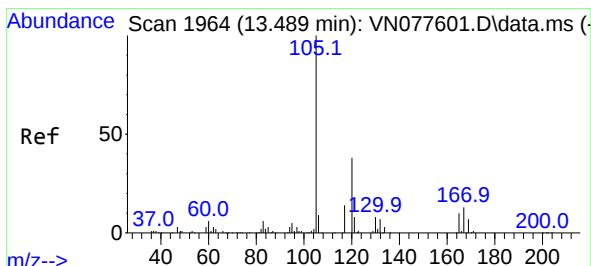
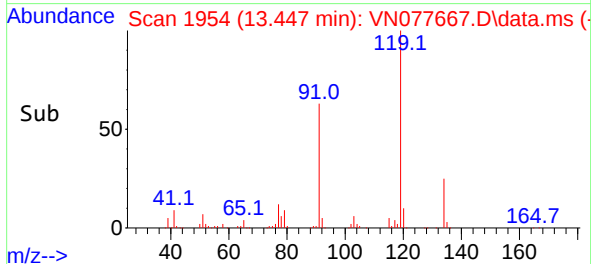
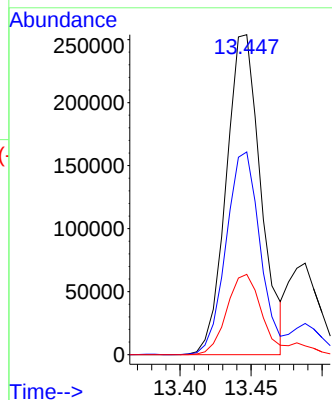
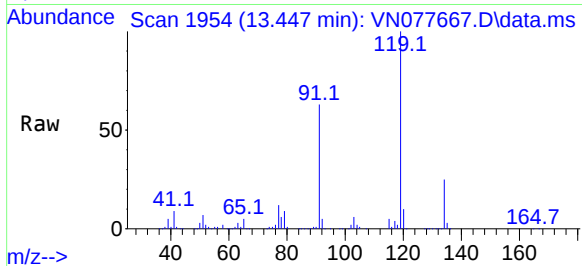




#79
tert-butylbenzene
Concen: 18.529 ug/l
RT: 13.447 min Scan# 1956
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

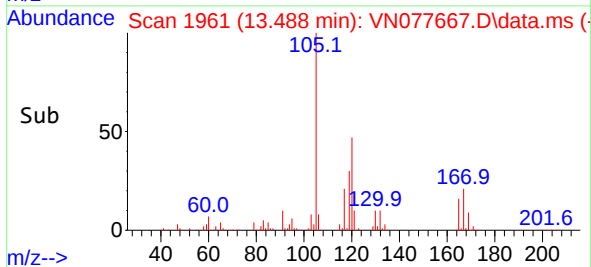
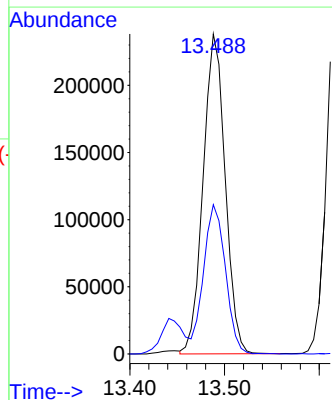
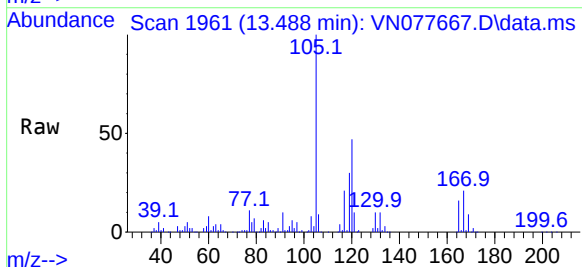
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

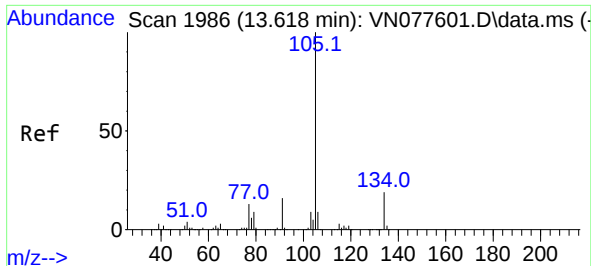
Tgt Ion:119 Resp: 431257
Ion Ratio Lower Upper
119 100
91 62.1 0.0 141.6
134 25.4 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 15.232 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion:105 Resp: 384175
Ion Ratio Lower Upper
105 100
120 46.0 0.0 88.0

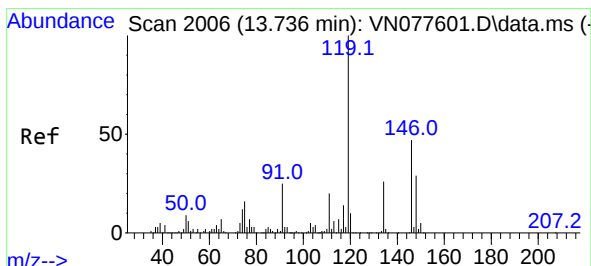
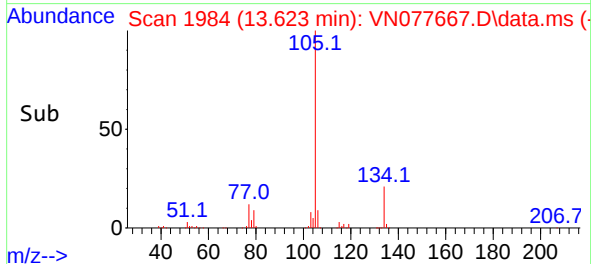
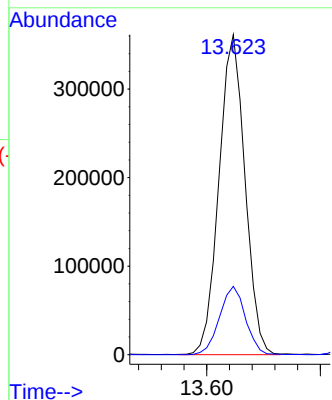
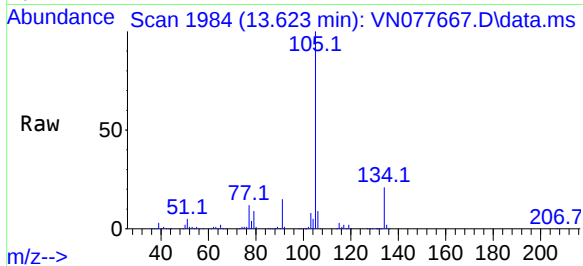




#81
 sec-Butylbenzene
 Concen: 17.579 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.005 min
 Lab File: VN077667.D
 Acq: 12 May 2023 12:13

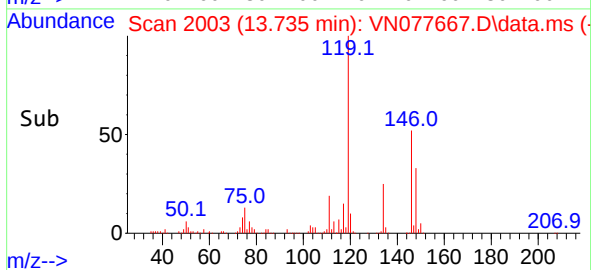
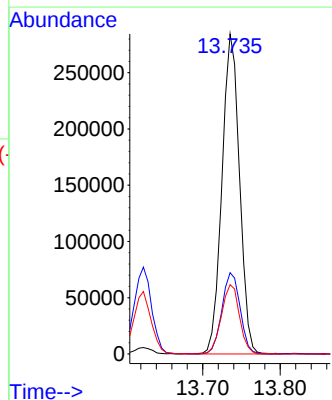
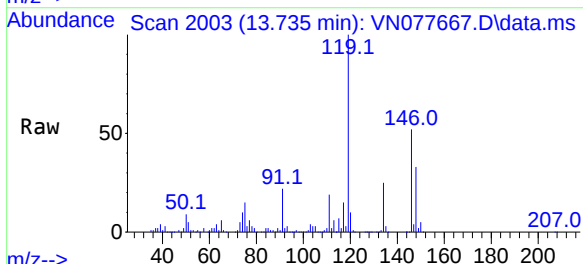
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBSD01

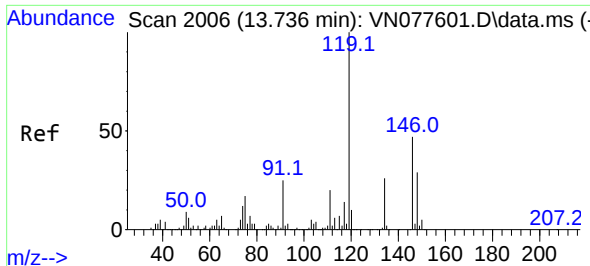
Tgt Ion:105 Resp: 574319
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 17.268 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.001 min
 Lab File: VN077667.D
 Acq: 12 May 2023 12:13

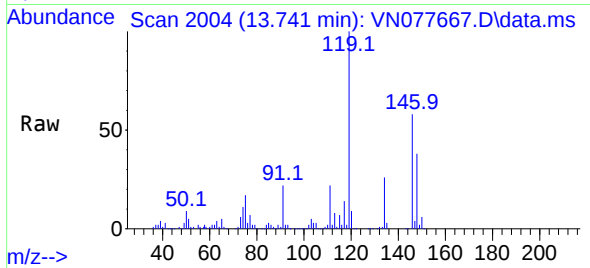
Tgt Ion:119 Resp: 448865
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.2
 91 22.3 0.0 51.2



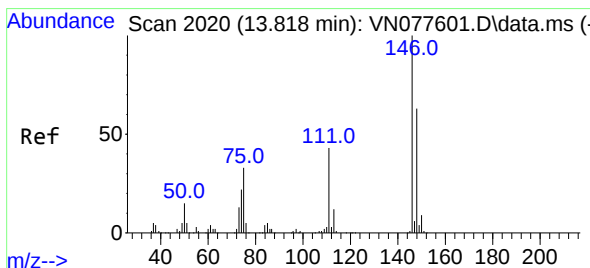
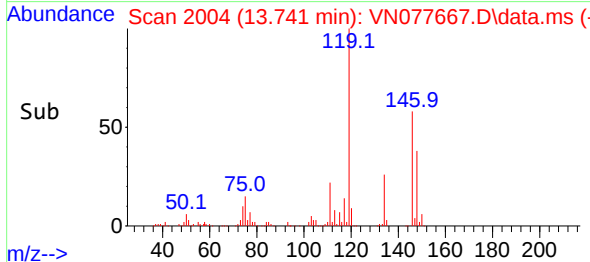
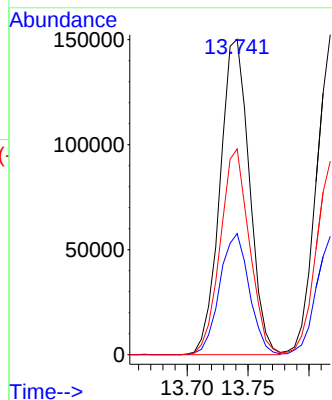


#83
1,3-Dichlorobenzene
Concen: 19.764 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

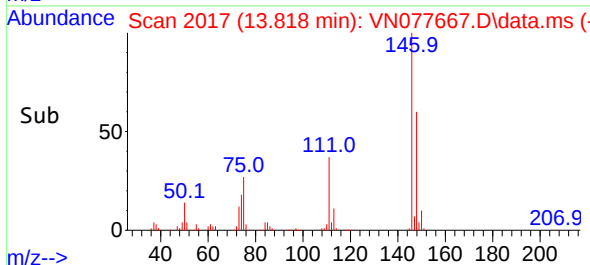
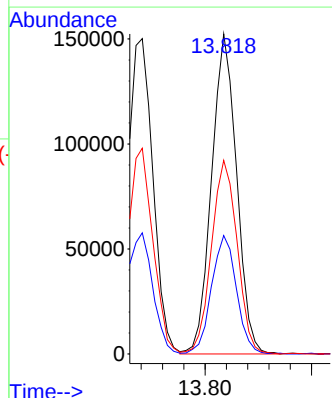
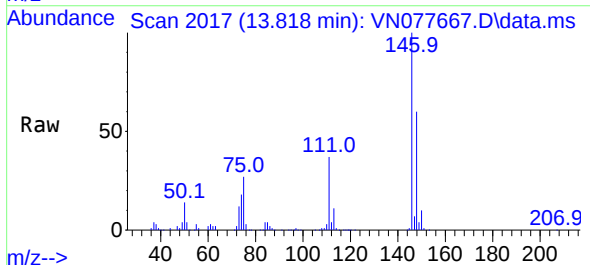


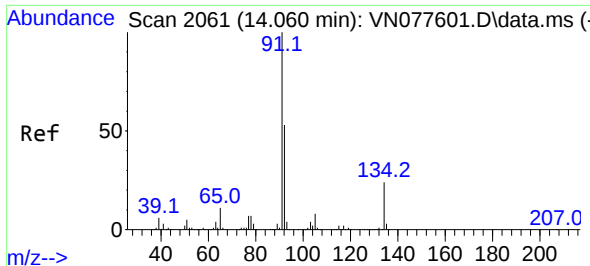
Tgt Ion:146 Resp: 252365
Ion Ratio Lower Upper
146 100
111 38.6 22.1 66.1
148 64.6 32.5 97.4



#84
1,4-Dichlorobenzene
Concen: 19.927 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion:146 Resp: 249087
Ion Ratio Lower Upper
146 100
111 36.9 20.8 62.4
148 62.2 31.1 93.5

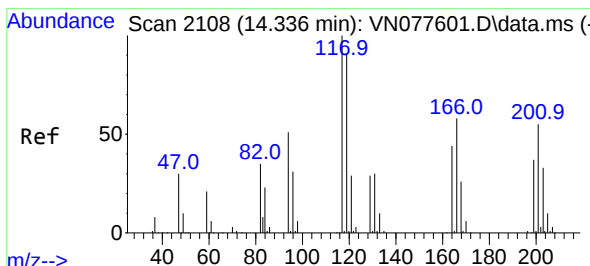
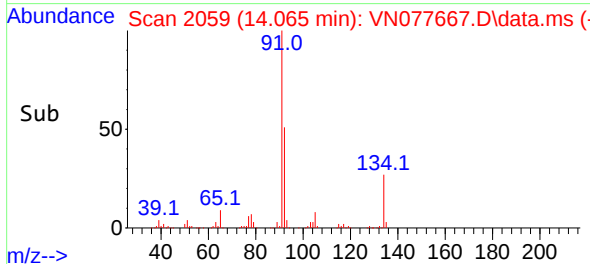
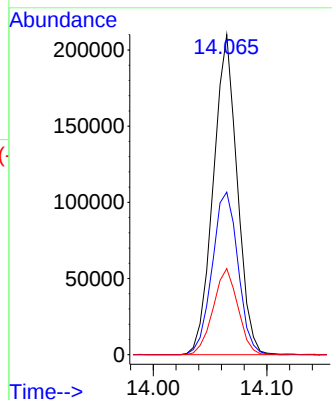
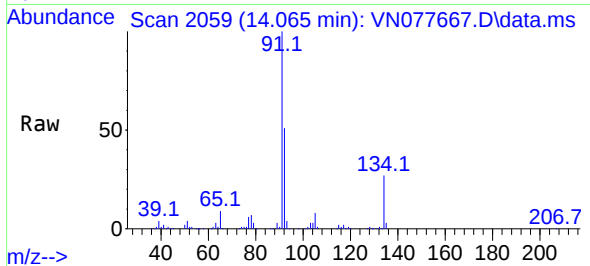




#85
n-Butylbenzene
Concen: 14.383 ug/l
RT: 14.065 min Scan# 2061
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

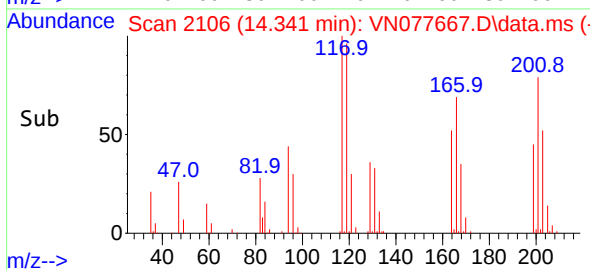
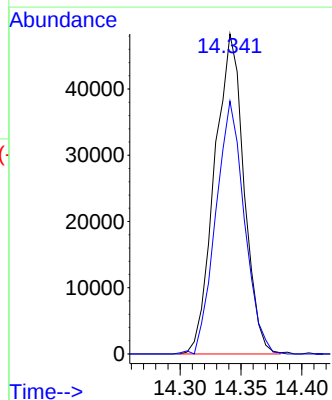
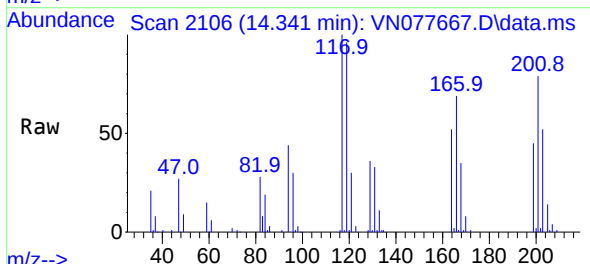
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

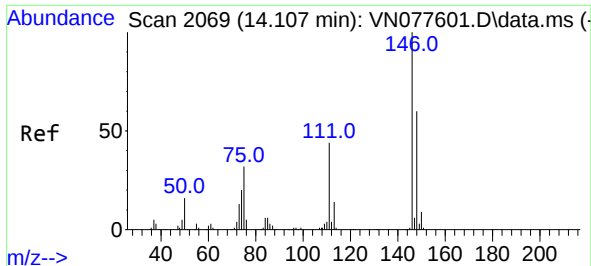
Tgt Ion: 91 Resp: 307571
Ion Ratio Lower Upper
91 100
92 54.8 0.0 107.0
134 27.8 0.0 50.2



#86
Hexachloroethane
Concen: 16.763 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 117 Resp: 81207
Ion Ratio Lower Upper
117 100
201 76.7 28.1 84.4

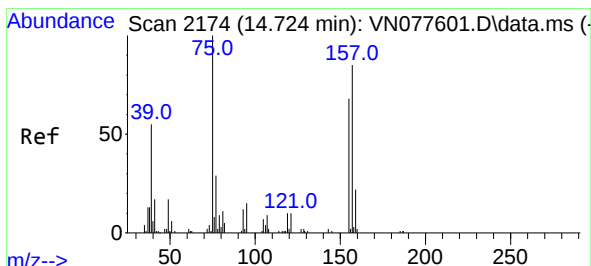
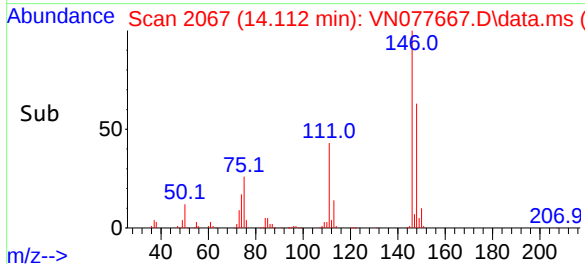
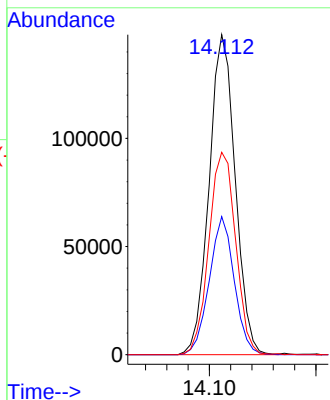
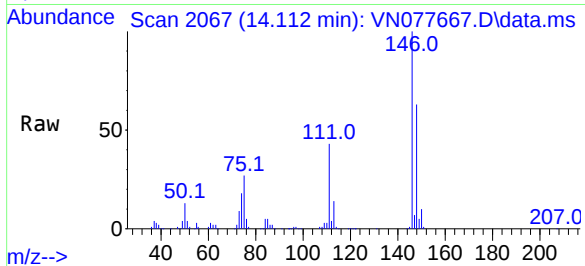




#87
1,2-Dichlorobenzene
Concen: 20.336 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

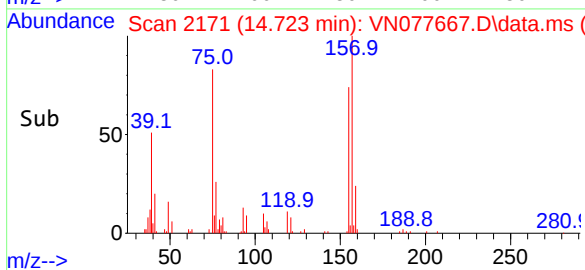
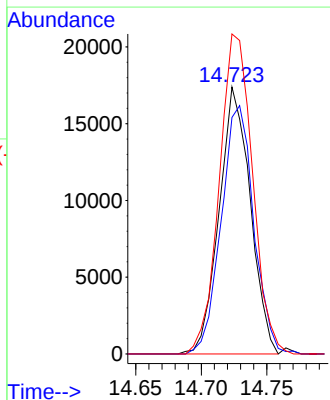
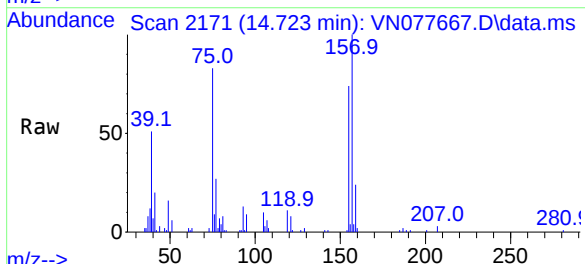
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

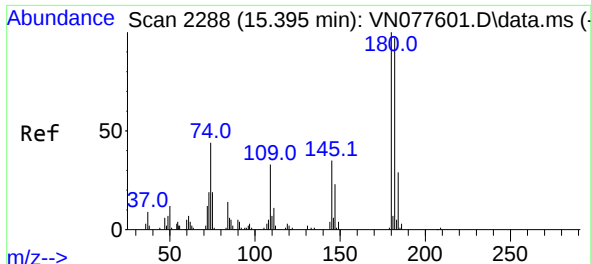
Tgt Ion:146 Resp: 252056
Ion Ratio Lower Upper
146 100
111 41.3 22.7 68.0
148 64.9 31.0 93.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.906 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.001 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion: 75 Resp: 28696
Ion Ratio Lower Upper
75 100
155 96.9 63.1 94.7#
157 128.0 75.5 113.3#





#89

1,2,4-Trichlorobenzene

Concen: 13.294 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

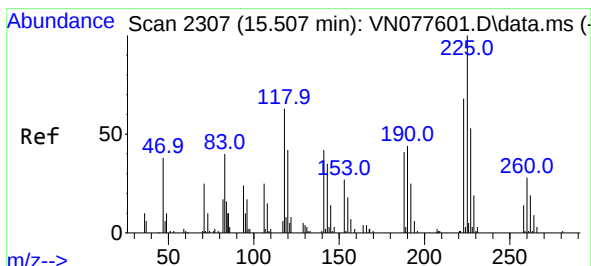
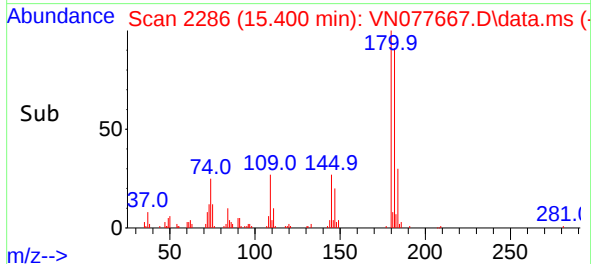
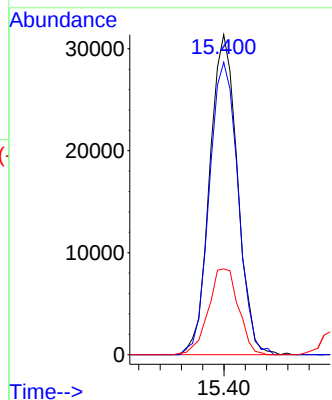
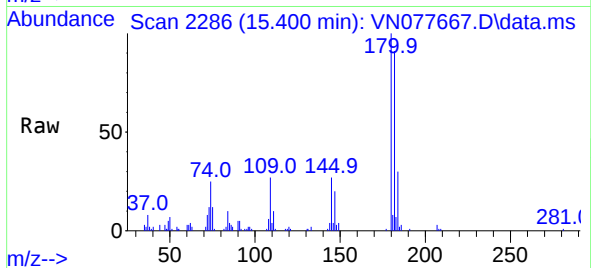
Tgt Ion:180 Resp: 56770

Ion Ratio Lower Upper

180 100

182 94.4 75.1 112.7

145 29.0 28.6 43.0



#90

Hexachlorobutadiene

Concen: 25.304 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN077667.D

Acq: 12 May 2023 12:13

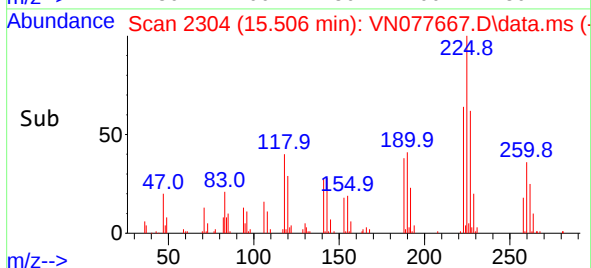
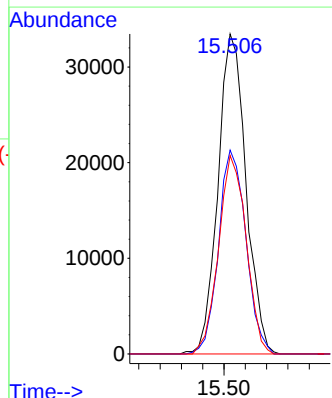
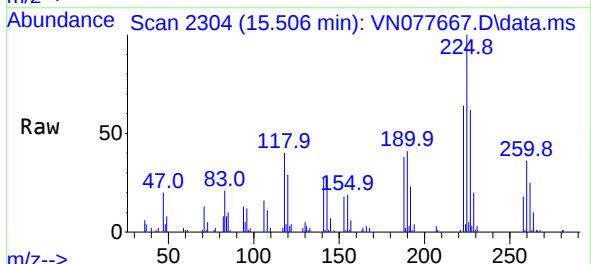
Tgt Ion:225 Resp: 60932

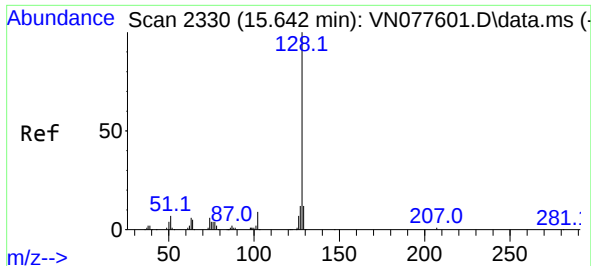
Ion Ratio Lower Upper

225 100

223 62.4 0.0 132.2

227 61.2 0.0 116.2

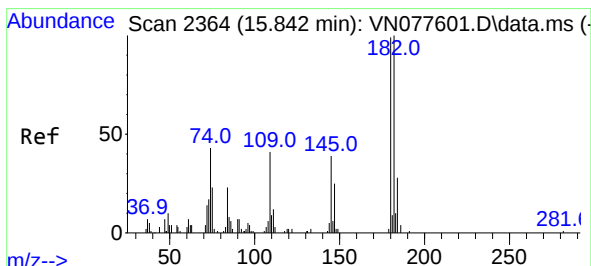
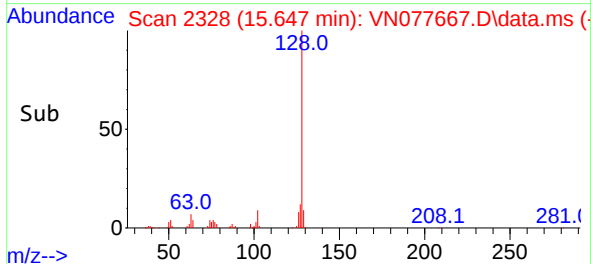
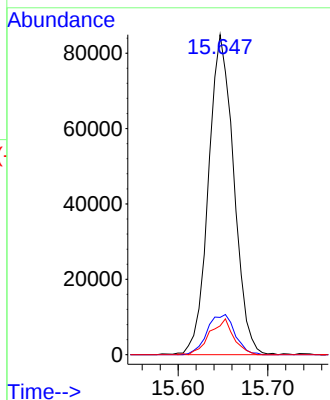
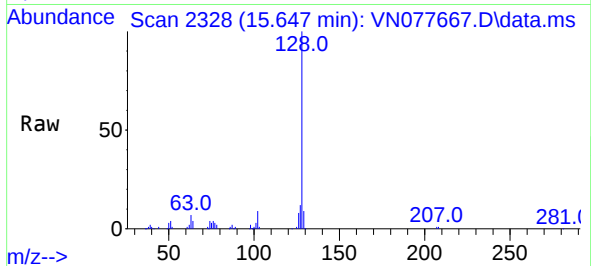




#91
Naphthalene
Concen: 11.371 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

Tgt Ion:128 Resp: 165873
Ion Ratio Lower Upper
128 100
127 13.8 9.6 14.4
129 10.4 9.1 13.7



#92
1,2,3-Trichlorobenzene
Concen: 12.859 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.005 min
Lab File: VN077667.D
Acq: 12 May 2023 12:13

Tgt Ion:180 Resp: 50570
Ion Ratio Lower Upper
180 100
182 94.1 0.0 193.4
145 31.9 0.0 78.6

