

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077169.D
 Acq On : 24 Mar 2023 00:11
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 24 04:58:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 04:51:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	45850	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	329224	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	375545	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	137837	31.961	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.533%	
60) 4-Bromofluorobenzene	12.854	95	210645	29.978	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.933%	
63) Toluene-d8	10.572	98	385276	28.980	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 96.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	512430	95.416	ug/l	98
3) Chloromethane	2.372	50	610766	110.121	ug/l	100
4) Vinyl Chloride	2.525	62	1046159	198.170	ug/l	94
5) Bromomethane	2.919	94	822095	235.212	ug/l	91
6) Chloroethane	3.102	64	968764	279.562	ug/l	97
7) Trichlorofluoromethane	3.496	101	1441029	153.498	ug/l	100
8) Diethyl Ether	3.972	74	529631	153.517	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	751103	143.818	ug/l	99
10) 1,1-Dichloroethene	4.343	96	732353	145.104	ug/l	97
11) Methyl Iodide	4.596	142	920356	157.099	ug/l	96
12) Methyl Acetate	5.031	43	1547495	176.359	ug/l	97
13) Acrolein	4.190	56	1057079	826.500	ug/l	97
14) Acrylonitrile	5.737	53	2409498	847.136	ug/l	99
15) Acetone	4.437	58	593249	774.991	ug/l	93
16) Carbon Disulfide	4.725	76	2085130	149.286	ug/l	99
17) Allyl chloride	5.031	41	1449581	186.960	ug/l	95
18) Methylene Chloride	5.290	84	856665	143.025	ug/l	94
19) trans-1,2-Dichloroethene	5.790	96	787035	148.005	ug/l	96
20) Diisopropyl ether	6.684	45	3000596	170.599	ug/l	94
21) 1,1-Dichloroethane	6.572	63	1624570	156.860	ug/l	98
22) cis-1,2-Dichloroethene	7.490	96	928136	151.449	ug/l	99
23) tert-Butyl Alcohol	5.543	59	819052	966.202	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	2733673	164.533	ug/l	98
25) Chloroform	7.972	83	1577830	148.694	ug/l	97
26) Cyclohexane	8.260	56	1430215	154.135	ug/l #	94
29) 1,1-Dichloropropene	8.378	75	1199355	150.665	ug/l	98
30) 2-Butanone	7.490	43	3385202	882.402	ug/l	99
31) 2,2-Dichloropropane	7.495	77	1105655	142.439	ug/l #	63
32) 1,1,1-Trichloroethane	8.172	97	1423663	152.638	ug/l	98
33) Carbon Tetrachloride	8.372	117	1229366	149.950	ug/l	94
34) Benzene	8.613	78	3536521	144.756	ug/l	98
35) Methacrylonitrile	7.790	41	764351	177.925	ug/l	97
36) 1,2-Dichloroethane	8.678	62	1304848	155.700	ug/l	98
37) Trichloroethene	9.354	130	837465	141.747	ug/l	94
38) Methylcyclohexane	9.607	83	1492191	153.488	ug/l	98
39) 1,2-Dichloropropane	9.625	63	943919	149.498	ug/l	95
40) Dibromomethane	9.713	93	603096	149.637	ug/l	94
41) Bromodichloromethane	9.889	83	1273258	154.600	ug/l	99
42) Vinyl Acetate	6.613	43	10738612	915.171	ug/l	100

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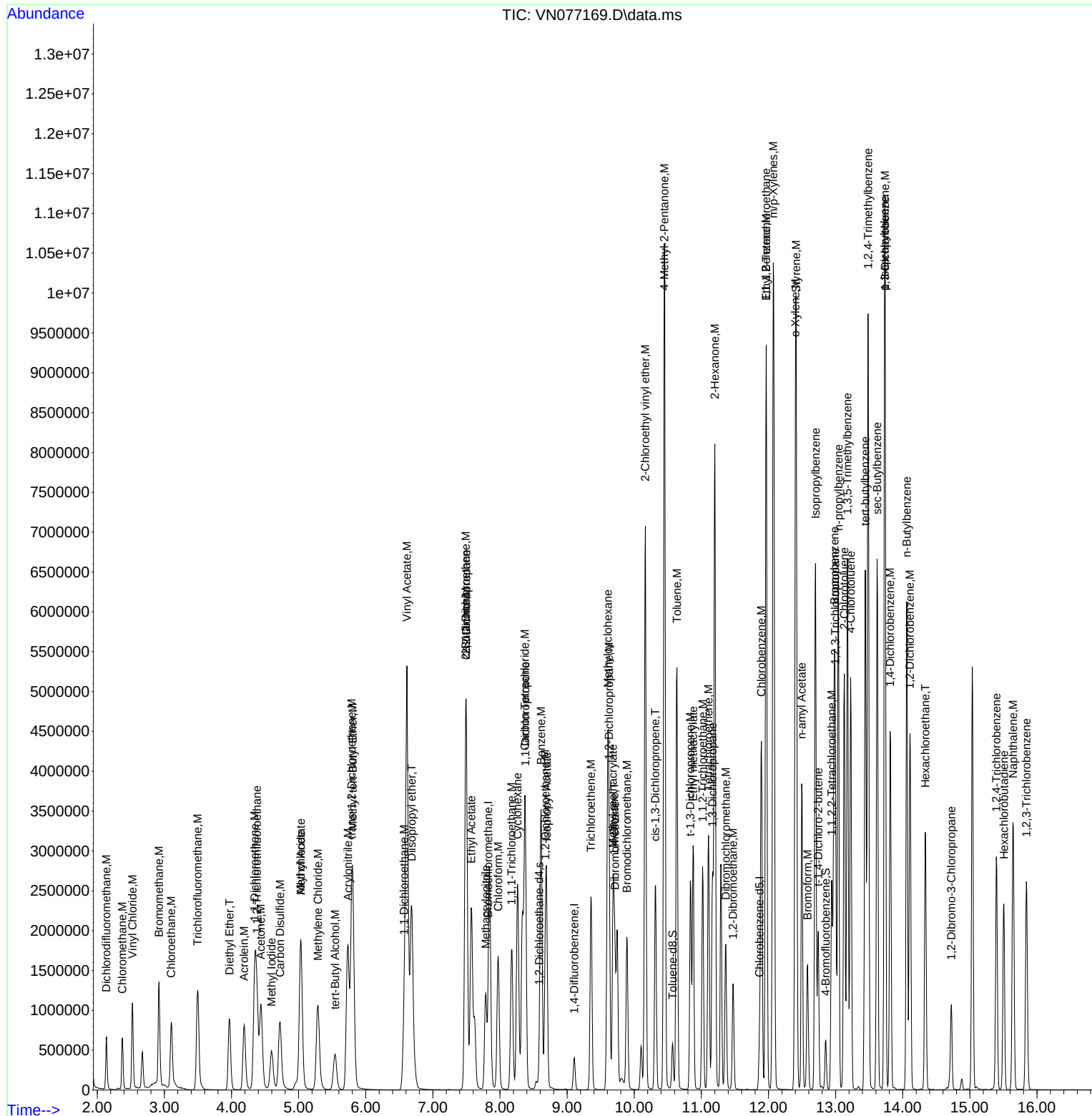
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	1340777	174.268	ug/l	98
44) Isopropyl Acetate	8.695	43	2267579	182.263	ug/l	100
45) 1,4-Dioxane	9.701	88	343417	3261.739	ug/l	94
46) Methyl methacrylate	9.684	41	1084882	180.144	ug/l	98
47) n-amyl Acetate	12.495	43	2084584	207.094	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	1401550	170.574	ug/l	98
49) cis-1,3-Dichloropropene	10.313	75	1482248	159.704	ug/l	97
50) 1,1,2-Trichloroethane	11.019	97	862559	146.503	ug/l	98
51) Ethyl methacrylate	10.878	69	1526283	177.244	ug/l	96
52) 1,3-Dichloropropane	11.166	76	1523706	150.322	ug/l	99
53) Dibromochloromethane	11.366	129	945960	158.622	ug/l	99
54) 1,2-Dibromoethane	11.472	107	881231	155.580	ug/l	100
55) 2-Chloroethyl vinyl ether	10.166	63	3068647	977.315	ug/l	99
56) Bromoform	12.583	173	692772	174.272	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	7257661	889.309	ug/l	97
59) 2-Hexanone	11.201	43	5261668	903.011	ug/l	97
61) Tetrachloroethene	11.107	164	688618	118.992	ug/l	92
62) Toluene	10.636	91	3899105	147.473	ug/l	100
64) Chlorobenzene	11.895	112	2358484	151.939	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.966	131	864191	147.829	ug/l	96
66) Ethyl Benzene	11.966	91	4453335	156.059	ug/l	99
67) m/p-Xylenes	12.072	106	3418624	316.416	ug/l	95
68) o-Xylene	12.401	106	1680784	159.242	ug/l	98
69) Styrene	12.413	104	2863153	168.184	ug/l	98
70) Isopropylbenzene	12.701	105	4401919	160.542	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	1274036	149.471	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	1694150	216.109	ug/l	69
73) Bromobenzene	12.983	156	948018	152.523	ug/l	95
74) n-propylbenzene	13.042	91	5159096	160.428	ug/l	99
75) 2-Chlorotoluene	13.130	91	2992237	150.362	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	3651191	154.384	ug/l	95
77) t-1,4-Dichloro-2-butene	12.742	75	435476	186.195	ug/l	96
78) 4-Chlorotoluene	13.224	91	2986832	155.983	ug/l	96
79) tert-butylbenzene	13.442	119	3165562	159.806	ug/l	96
80) 1,2,4-Trimethylbenzene	13.483	105	3694337	159.619	ug/l	96
81) sec-Butylbenzene	13.619	105	4627511	164.248	ug/l	99
82) p-Isopropyltoluene	13.730	119	3849863	169.769	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	1848784	161.259	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	1812376	163.493	ug/l	98
85) n-Butylbenzene	14.060	91	3397802	177.811	ug/l	99
86) Hexachloroethane	14.336	117	677125	164.027	ug/l	95
87) 1,2-Dichlorobenzene	14.107	146	1844017	161.745	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	271756	165.245	ug/l	96
89) 1,2,4-Trichlorobenzene	15.395	180	929616	159.809	ug/l	98
90) Hexachlorobutadiene	15.507	225	432056	137.793	ug/l	97
91) Naphthalene	15.642	128	3173028	171.777	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	898150	153.959	ug/l	99

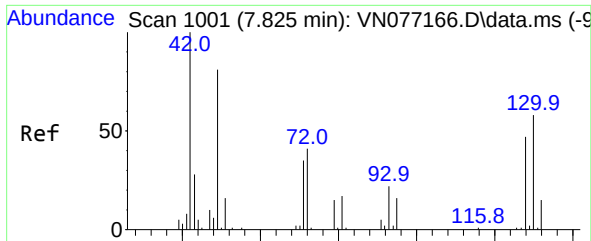
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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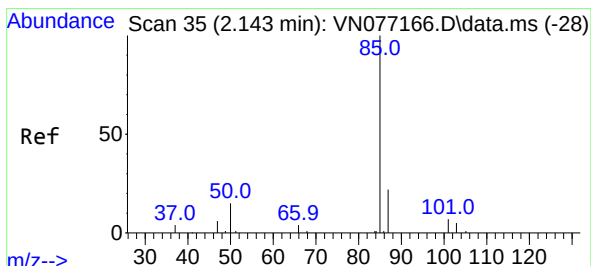
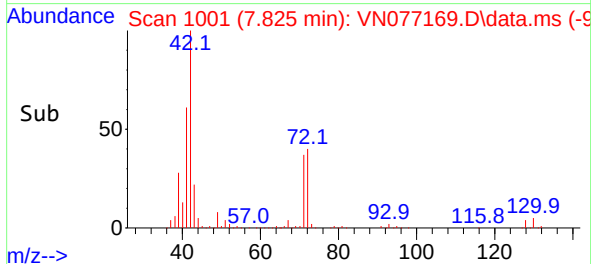
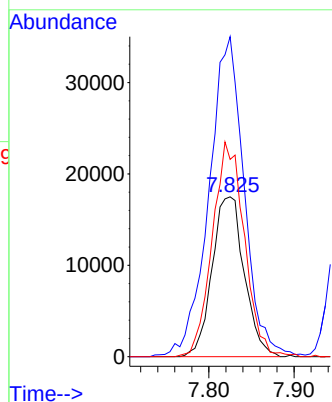
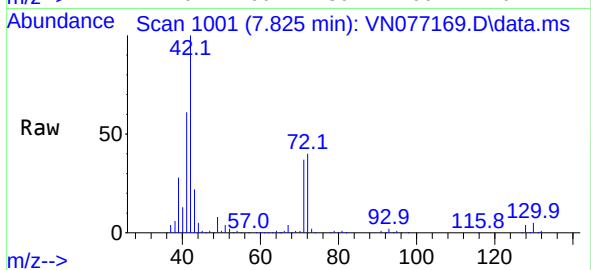




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077169.D
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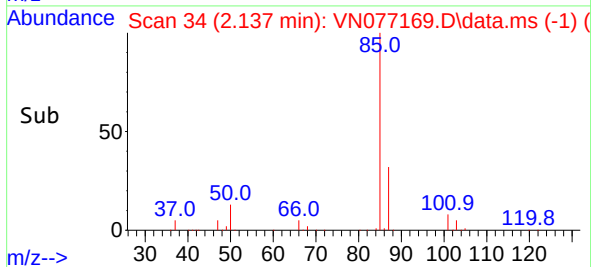
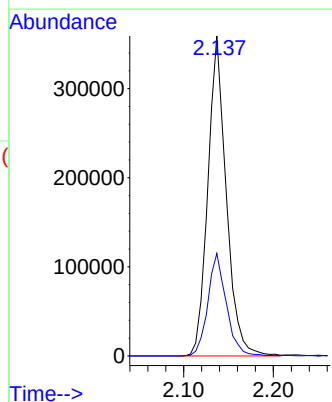
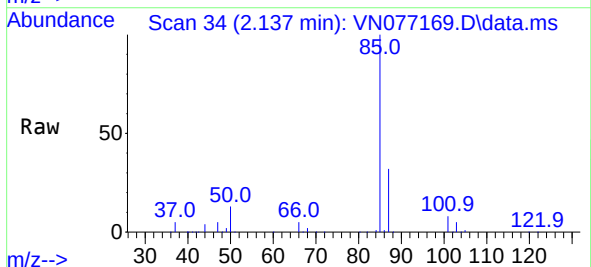
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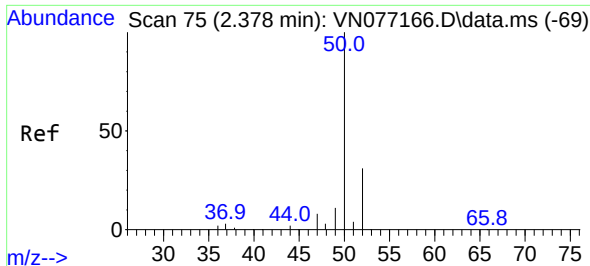
Tgt Ion:128 Resp: 45850
Ion Ratio Lower Upper
128 100
49 215.9 0.0 461.8
130 133.1 0.0 295.3



#2
Dichlorodifluoromethane
Concen: 95.416 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 85 Resp: 512430
Ion Ratio Lower Upper
85 100
87 32.0 15.4 46.1

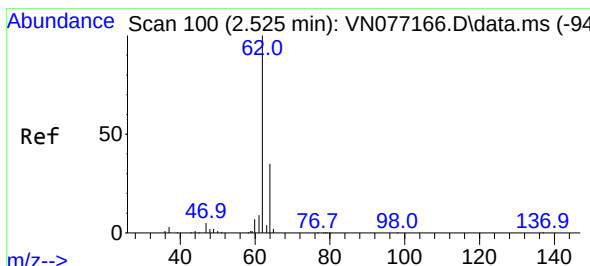
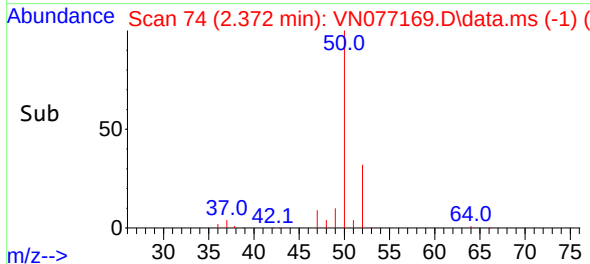
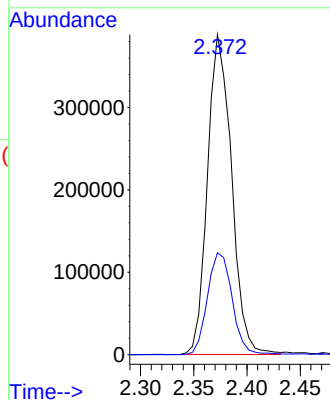
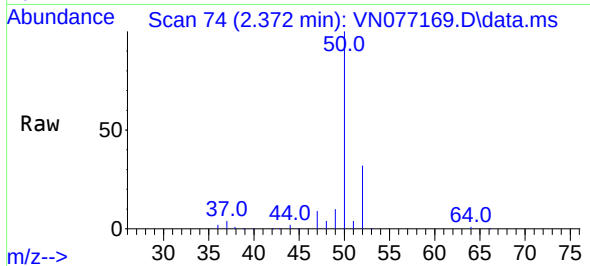




#3
Chloromethane
Concen: 110.121 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

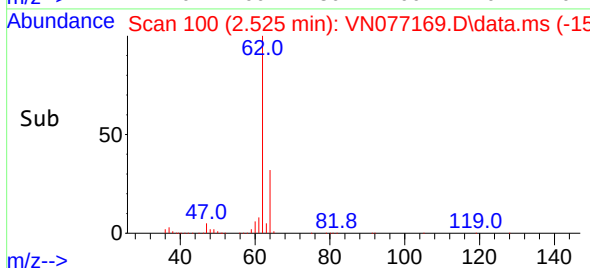
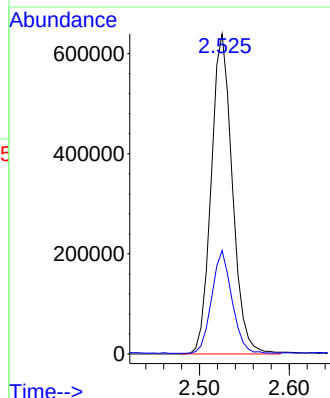
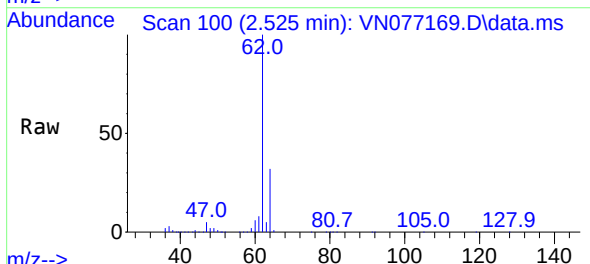
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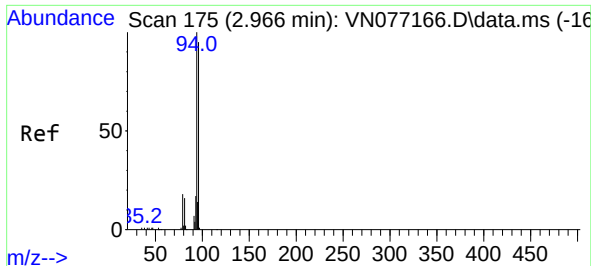
Tgt Ion: 50 Resp: 610766
Ion Ratio Lower Upper
50 100
52 31.9 25.3 37.9



#4
Vinyl Chloride
Concen: 198.170 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 62 Resp: 1046159
Ion Ratio Lower Upper
62 100
64 32.1 23.1 34.7

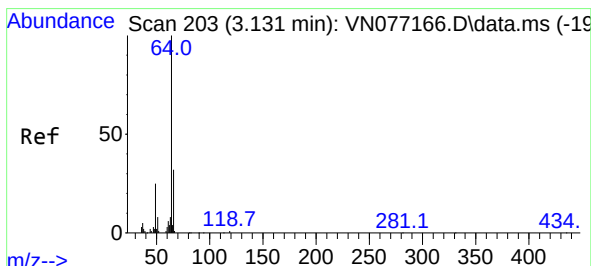
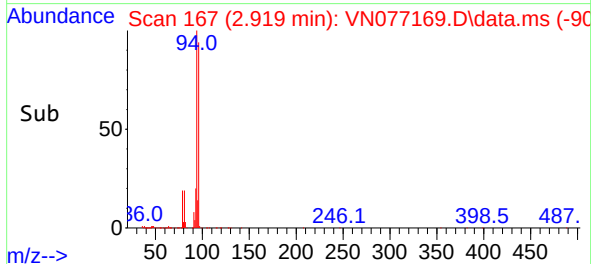
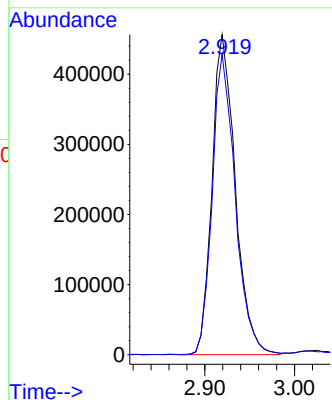
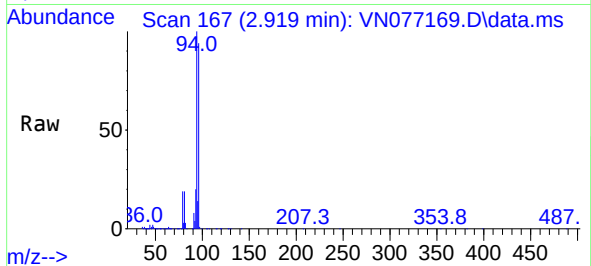




#5
Bromomethane
Concen: 235.212 ug/l
RT: 2.919 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN077169.D
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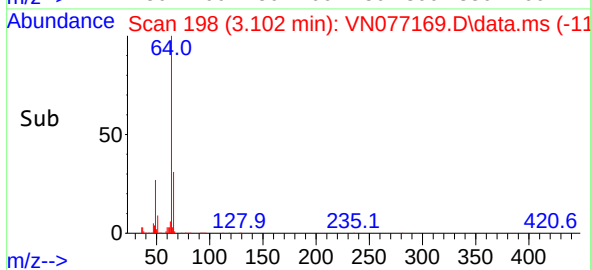
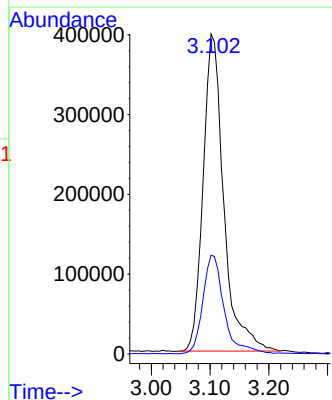
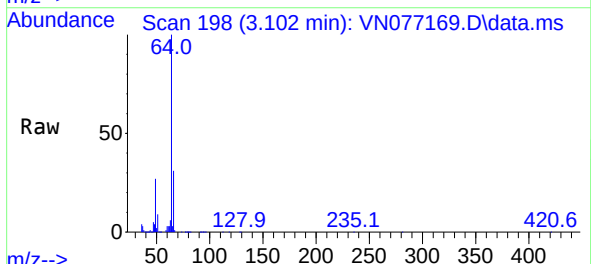
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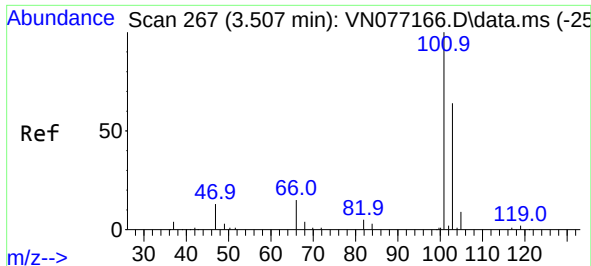
Tgt Ion: 94 Resp: 822095
Ion Ratio Lower Upper
94 100
96 93.9 68.6 103.0



#6
Chloroethane
Concen: 279.562 ug/l
RT: 3.102 min Scan# 198
Delta R.T. -0.029 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 64 Resp: 968764
Ion Ratio Lower Upper
64 100
66 31.0 23.8 35.6

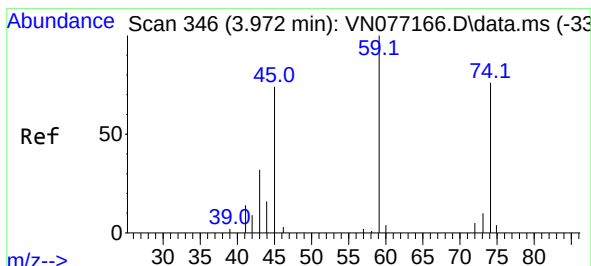
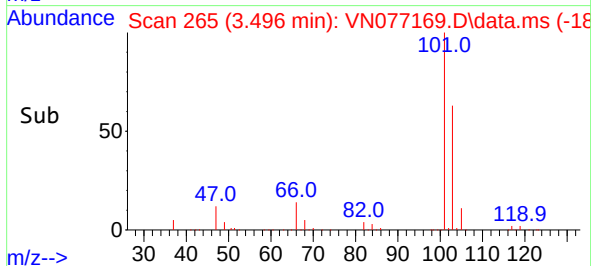
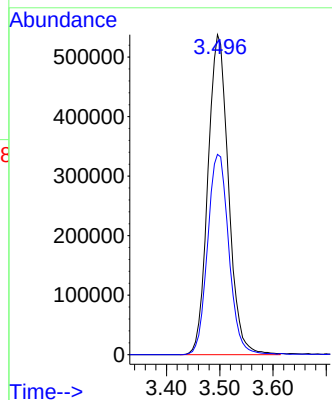
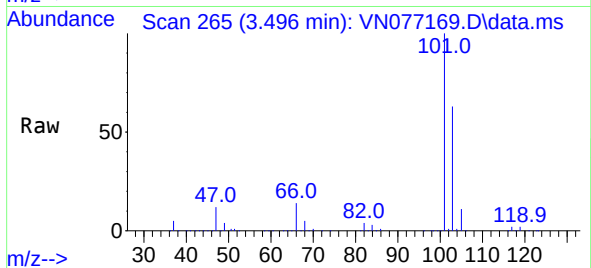




#7
Trichlorofluoromethane
Concen: 153.498 ug/l
RT: 3.496 min Scan# 265
Delta R.T. -0.012 min
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Acq: 24 Mar 2023 00:11

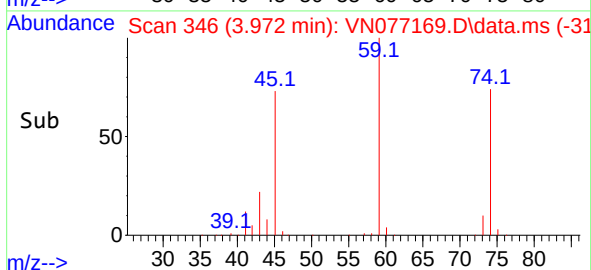
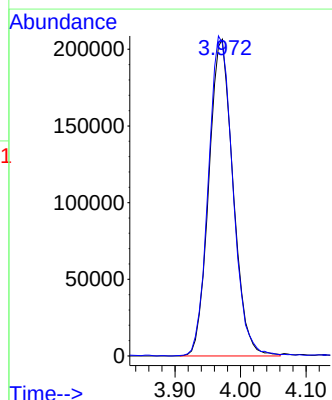
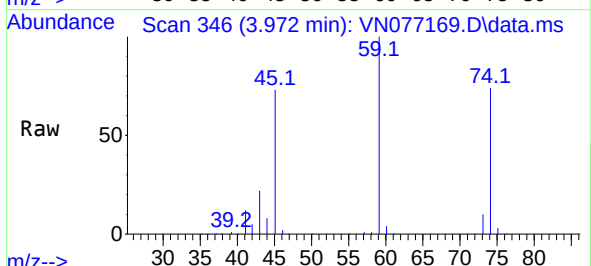
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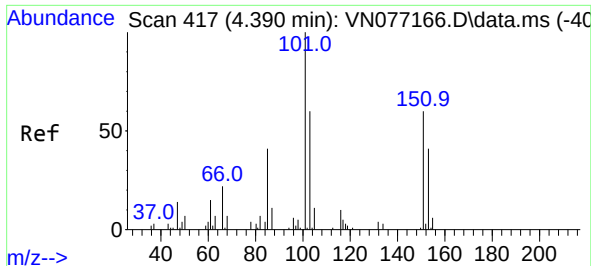
Tgt Ion:101 Resp: 1441029
Ion Ratio Lower Upper
101 100
103 62.6 50.2 75.2



#8
Diethyl Ether
Concen: 153.517 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 74 Resp: 529631
Ion Ratio Lower Upper
74 100
45 102.2 21.4 193.0

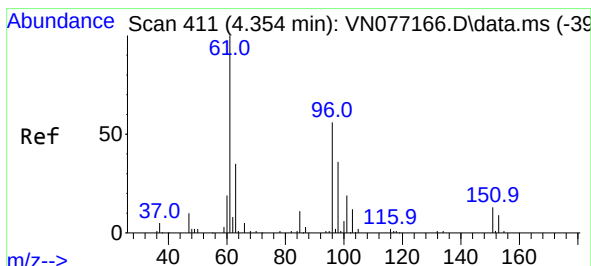
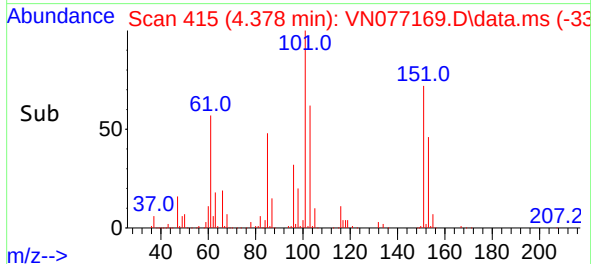
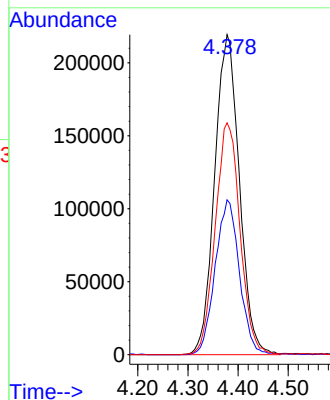
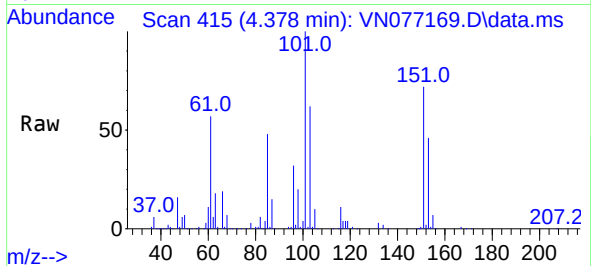




#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.818 ug/l
RT: 4.378 min Scan# 417
Delta R.T. -0.012 min
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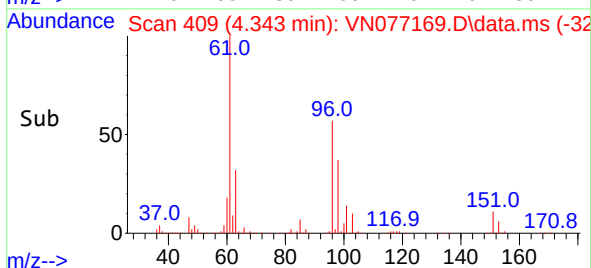
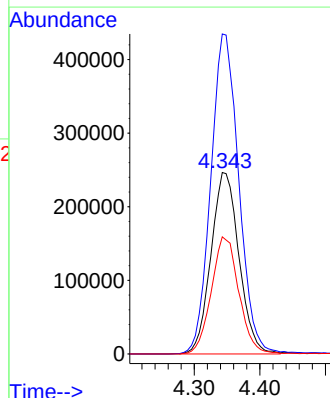
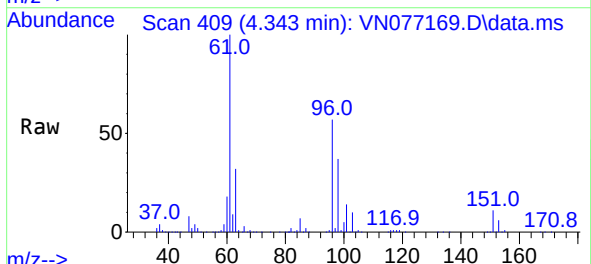
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ClientSampleId :
VSTDICC150

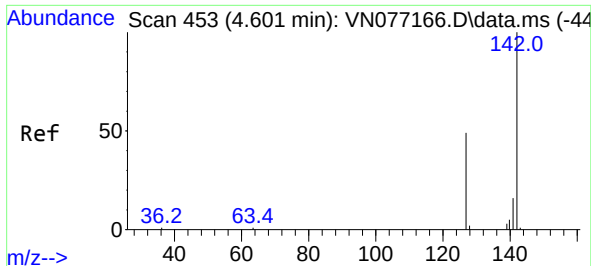
Tgt Ion:101 Resp: 751103
Ion Ratio Lower Upper
101 100
85 47.5 0.0 95.2
151 72.8 0.0 142.2



#10
1,1-Dichloroethene
Concen: 145.104 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 96 Resp: 732353
Ion Ratio Lower Upper
96 100
61 176.2 137.1 205.7
98 64.6 53.2 79.8

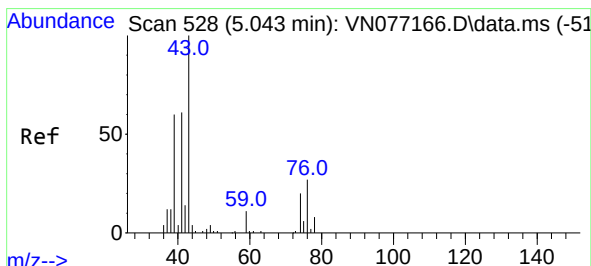
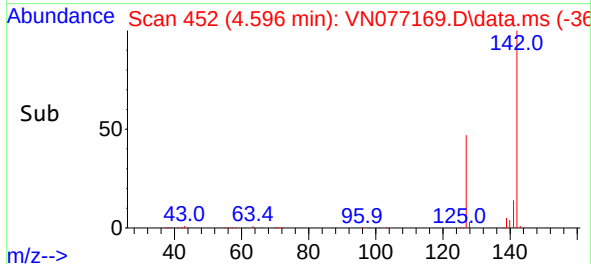
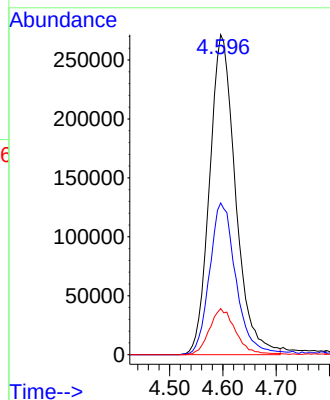
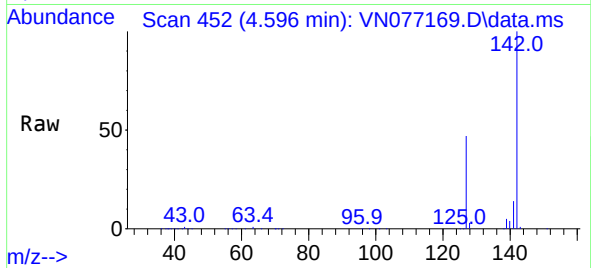




#11
Methyl Iodide
Concen: 157.099 ug/l
RT: 4.596 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

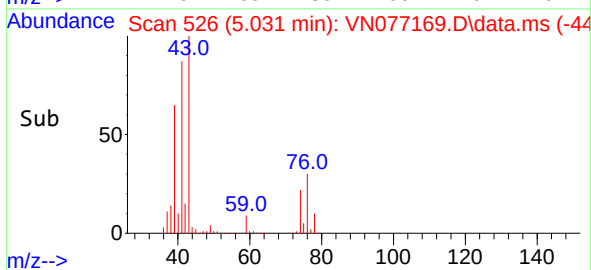
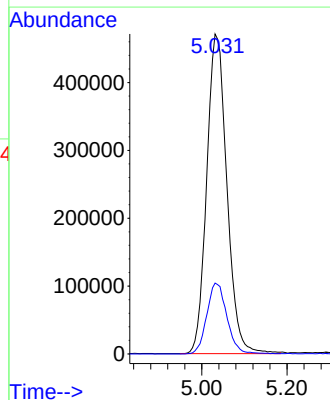
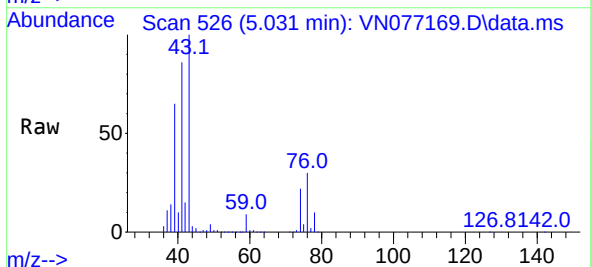
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

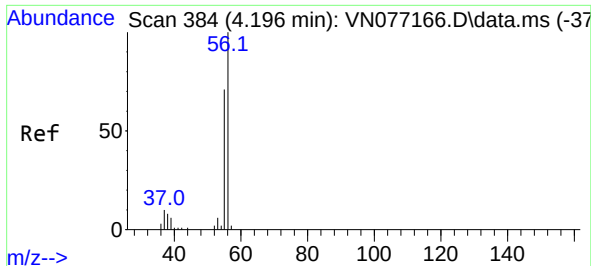
Tgt Ion:142 Resp: 920356
Ion Ratio Lower Upper
142 100
127 47.3 25.0 75.0
141 14.3 8.0 24.0



#12
Methyl Acetate
Concen: 176.359 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 43 Resp: 1547495
Ion Ratio Lower Upper
43 100
74 22.1 19.0 28.4

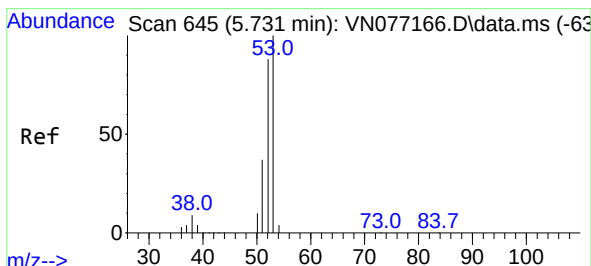
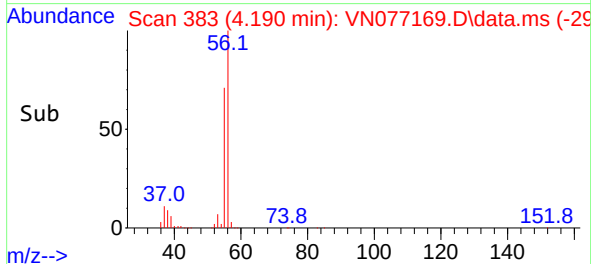
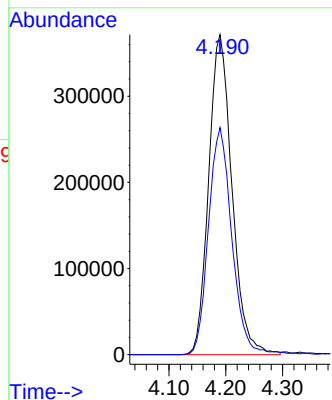
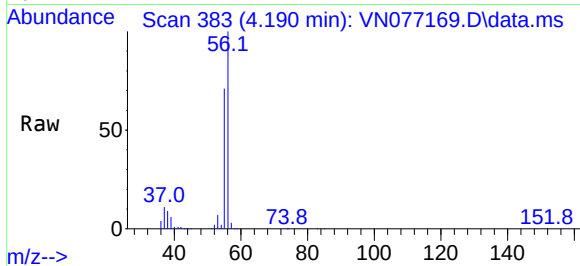




#13
Acrolein
Concen: 826.500 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

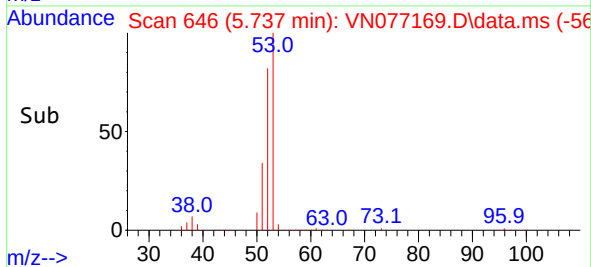
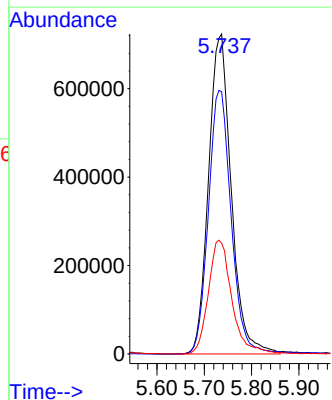
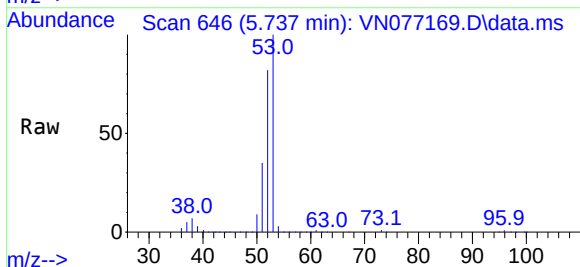
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

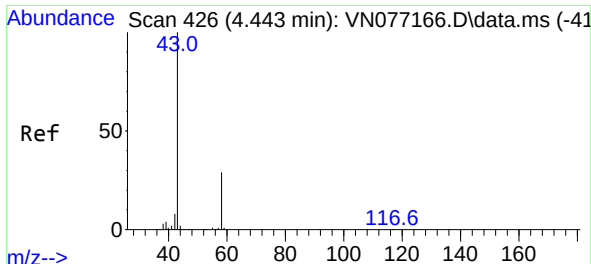
Tgt Ion: 56 Resp: 1057079
Ion Ratio Lower Upper
56 100
55 70.8 55.0 82.4



#14
Acrylonitrile
Concen: 847.136 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 53 Resp: 2409498
Ion Ratio Lower Upper
53 100
52 82.5 41.5 124.6
51 36.5 17.6 52.8





#15

Acetone

Concen: 774.991 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

Instrument :

MSVOA_N

ClientSampleId :

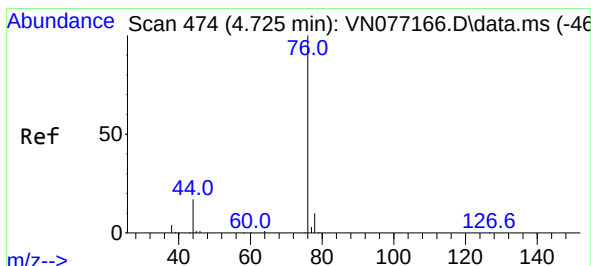
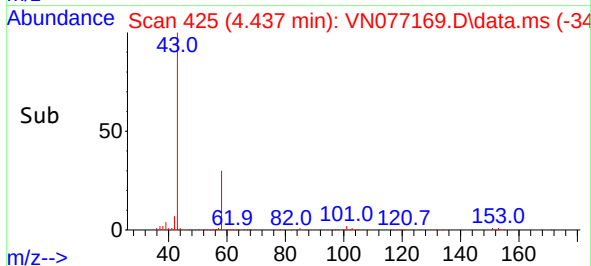
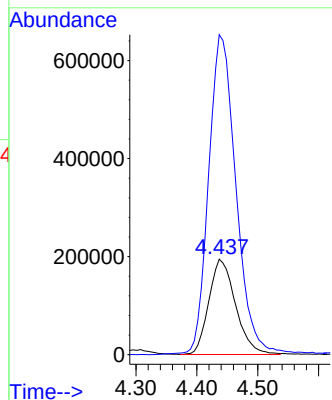
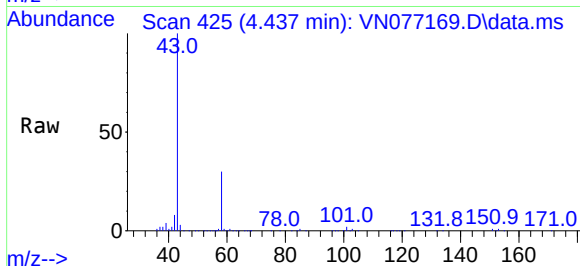
VSTDIC150

Tgt Ion: 58 Resp: 593249

Ion Ratio Lower Upper

58 100

43 334.1 255.4 383.0



#16

Carbon Disulfide

Concen: 149.286 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.000 min

Lab File: VN077169.D

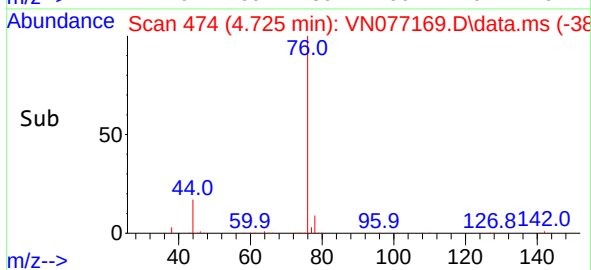
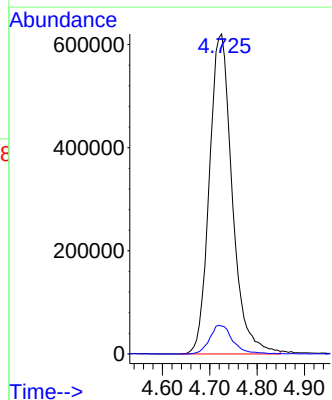
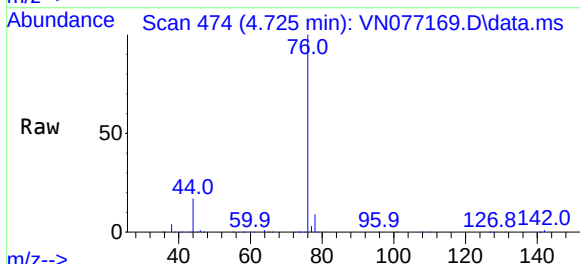
Acq: 24 Mar 2023 00:11

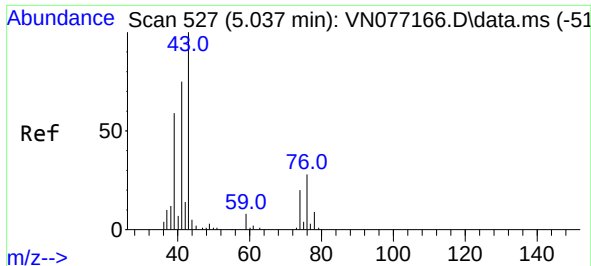
Tgt Ion: 76 Resp: 2085130

Ion Ratio Lower Upper

76 100

78 8.7 6.6 9.8



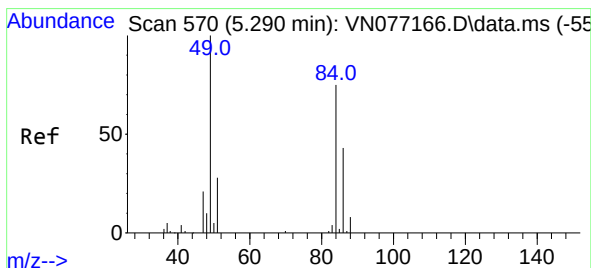
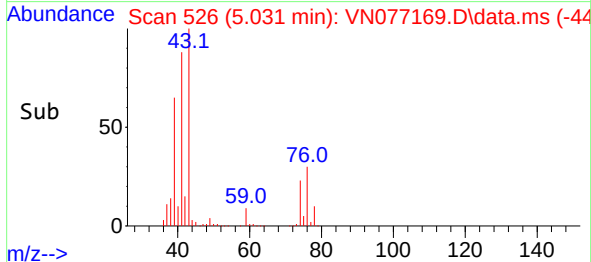
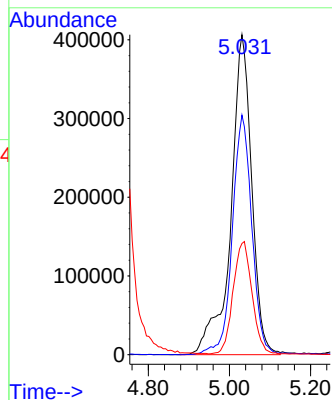
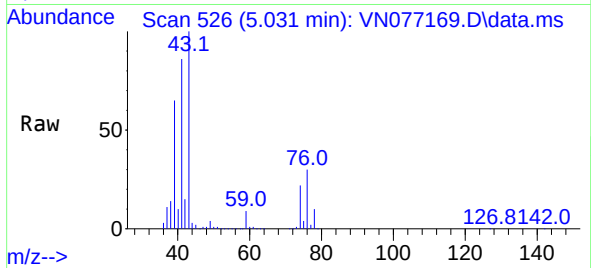


#17
 Allyl chloride
 Concen: 186.960 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077169.D
 Acq: 24 Mar 2023 00:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 41 Resp: 1449581

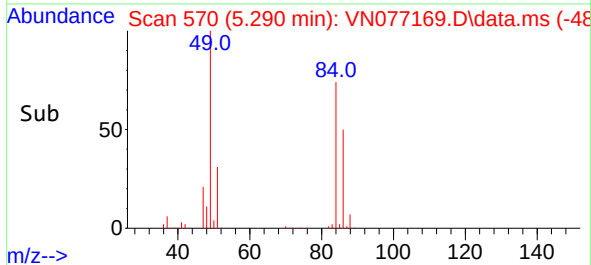
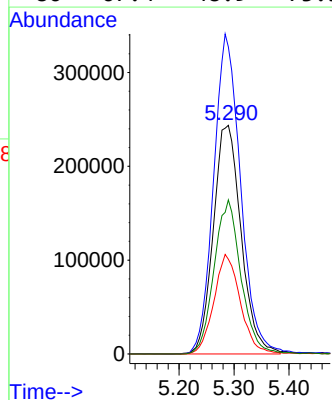
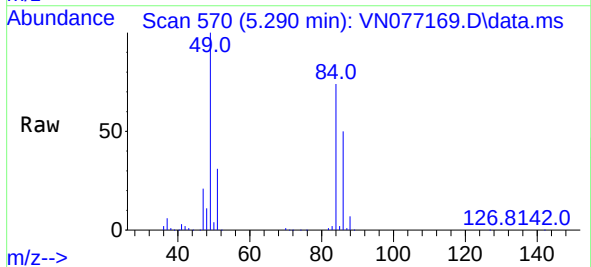
Ion	Ratio	Lower	Upper
41	100		
39	74.9	34.8	104.3
76	34.5	17.5	52.5

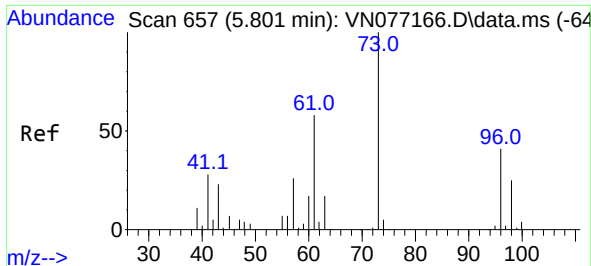


#18
 Methylene Chloride
 Concen: 143.025 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: VN077169.D
 Acq: 24 Mar 2023 00:11

Tgt Ion: 84 Resp: 856665

Ion	Ratio	Lower	Upper
84	100		
49	134.2	113.8	170.6
51	41.4	34.2	51.4
86	67.4	48.9	73.3

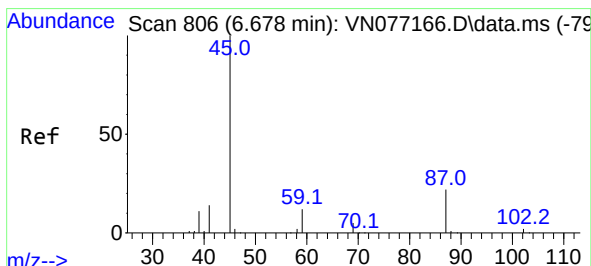
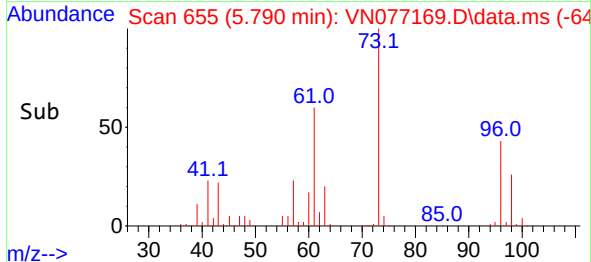
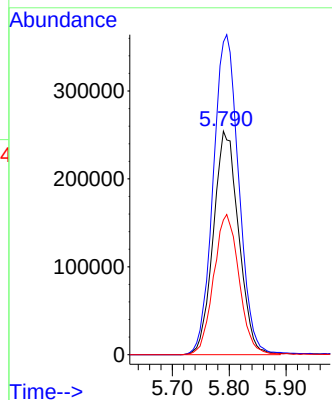
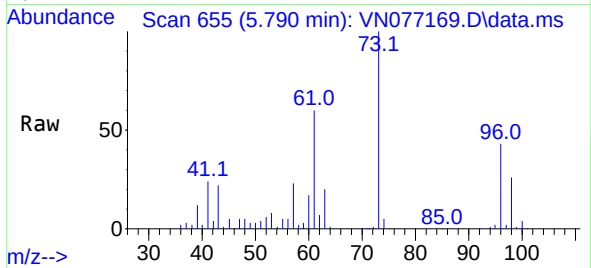




#19
trans-1,2-Dichloroethene
Concen: 148.005 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

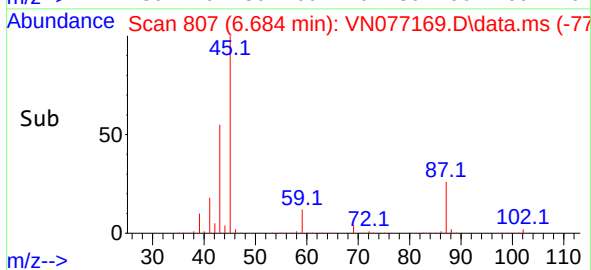
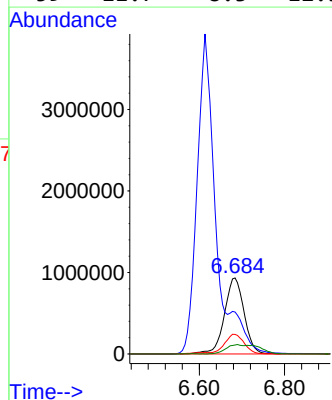
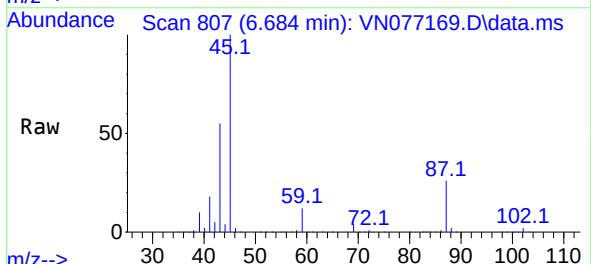
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

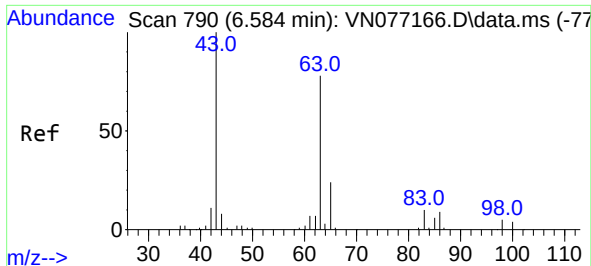
Tgt Ion: 96 Resp: 787035
Ion Ratio Lower Upper
96 100
61 139.8 111.0 166.4
98 60.3 55.0 82.6



#20
Diisopropyl ether
Concen: 170.599 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 45 Resp: 3000596
Ion Ratio Lower Upper
45 100
43 54.1 38.6 58.0
87 25.5 20.1 30.1
59 11.7 8.3 12.5

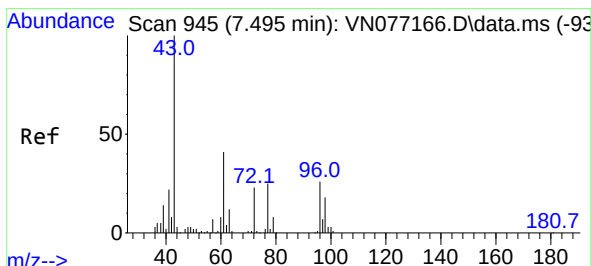
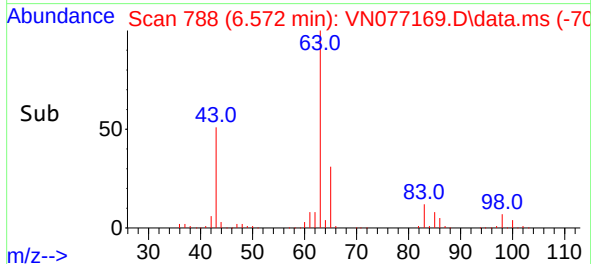
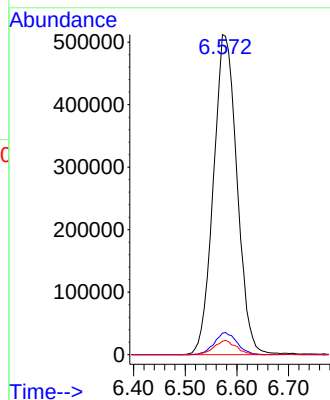
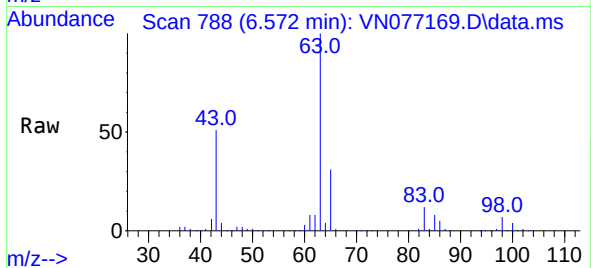




#21
1,1-Dichloroethane
Concen: 156.860 ug/l
RT: 6.572 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

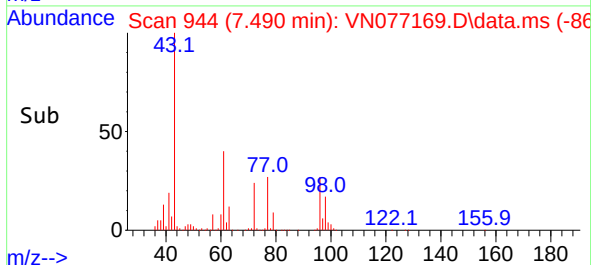
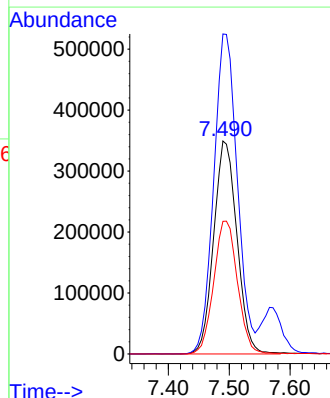
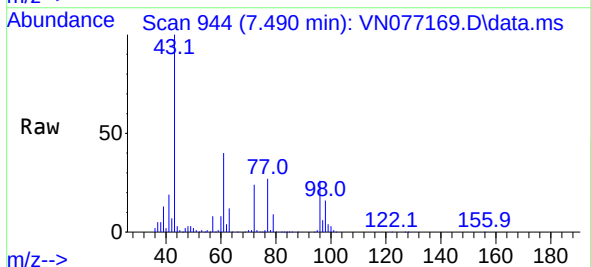
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

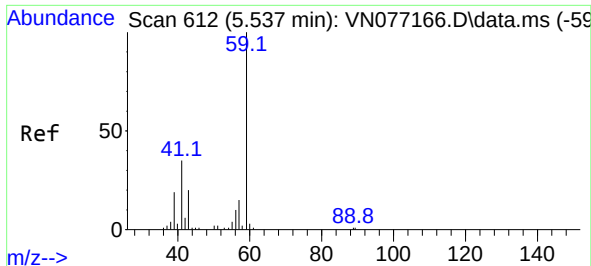
Tgt Ion: 63 Resp: 1624570
Ion Ratio Lower Upper
63 100
98 6.7 3.6 10.9
100 4.2 2.6 7.8



#22
cis-1,2-Dichloroethene
Concen: 151.449 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 96 Resp: 928136
Ion Ratio Lower Upper
96 100
61 152.3 121.0 181.4
98 63.5 50.1 75.1





#23

tert-Butyl Alcohol

Concen: 966.202 ug/l

RT: 5.543 min Scan# 612

Delta R.T. 0.006 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

Instrument :

MSVOA_N

ClientSampleId :

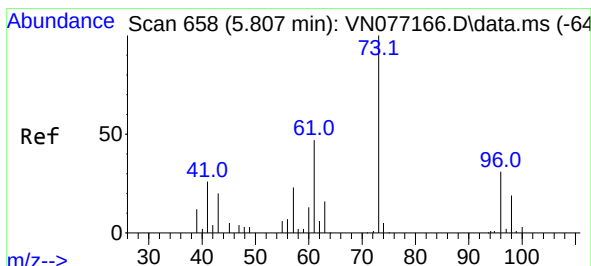
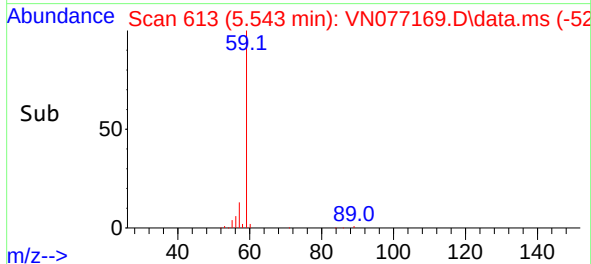
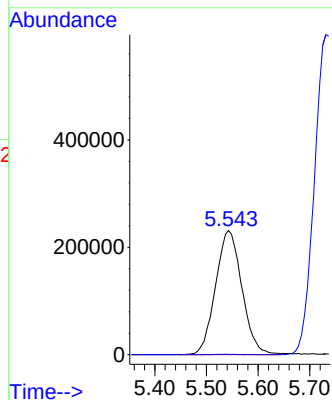
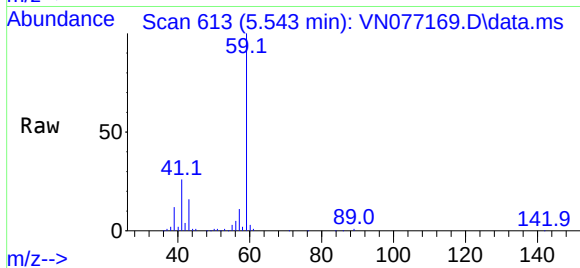
VSTDIC150

Tgt Ion: 59 Resp: 819052

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 164.533 ug/l

RT: 5.807 min Scan# 658

Delta R.T. 0.000 min

Lab File: VN077169.D

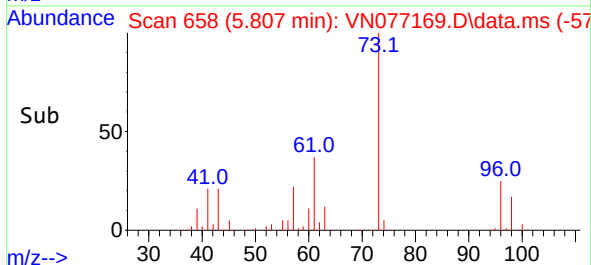
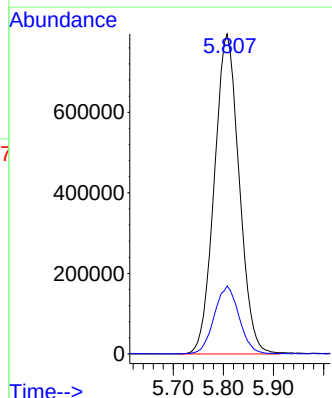
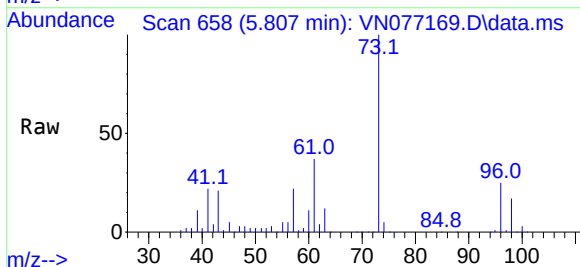
Acq: 24 Mar 2023 00:11

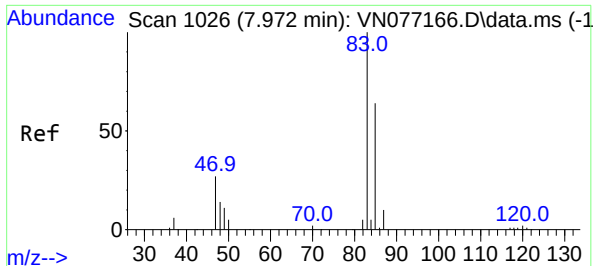
Tgt Ion: 73 Resp: 2733673

Ion Ratio Lower Upper

73 100

43 21.1 17.8 26.6





#25

Chloroform

Concen: 148.694 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

Instrument :

MSVOA_N

ClientSampleId :

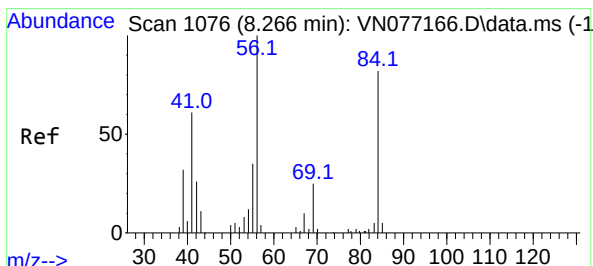
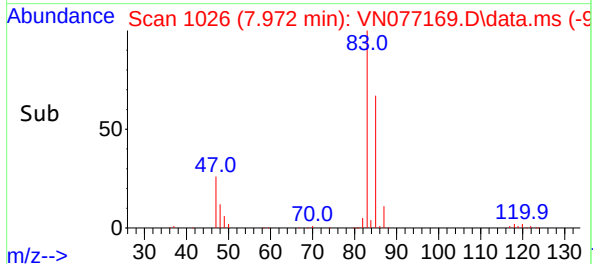
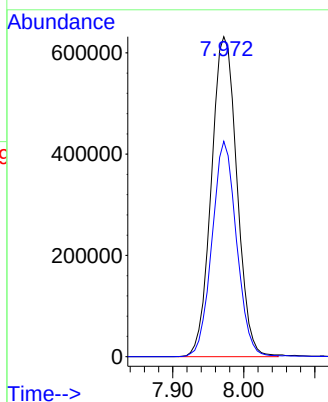
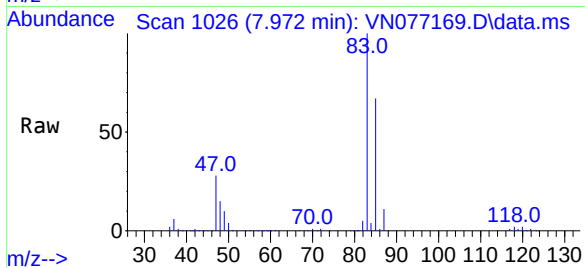
VSTDIC150

Tgt Ion: 83 Resp: 1577830

Ion Ratio Lower Upper

83 100

85 67.3 51.8 77.6



#26

Cyclohexane

Concen: 154.135 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

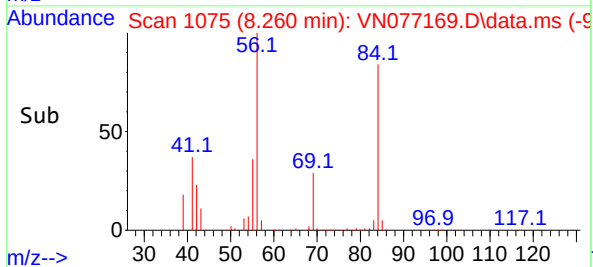
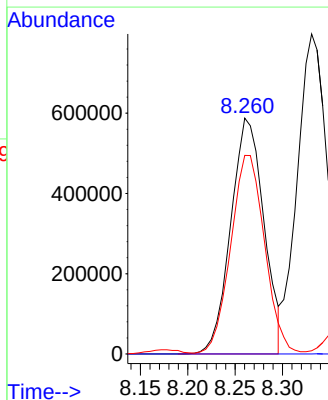
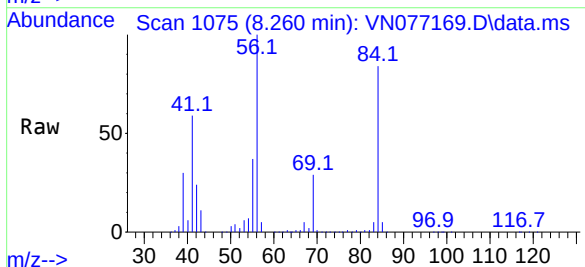
Tgt Ion: 56 Resp: 1430215

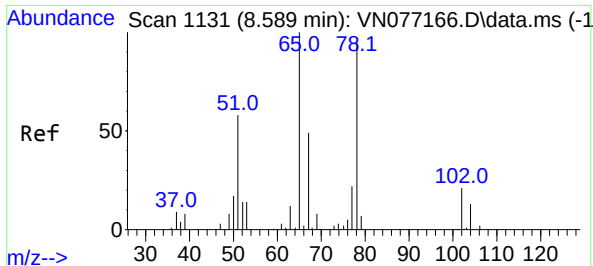
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.6 65.3 97.9

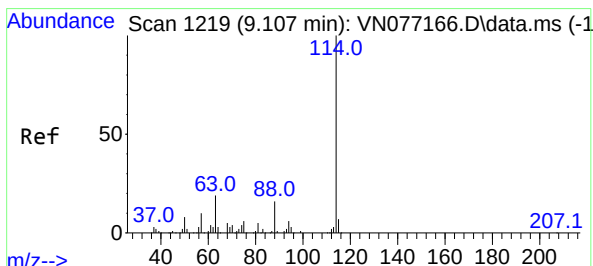
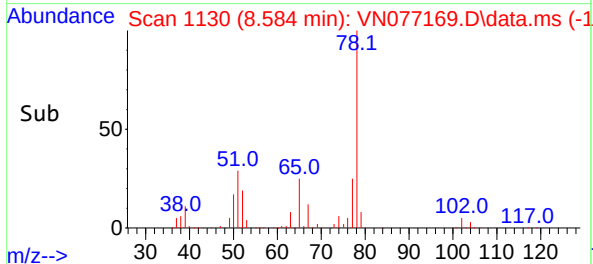
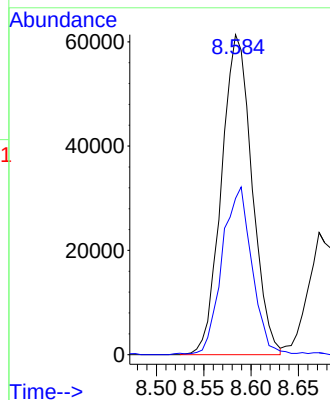
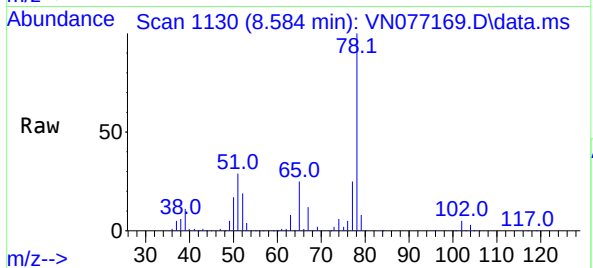




#27
1,2-Dichloroethane-d4
Concen: 31.961 ug/l
RT: 8.584 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

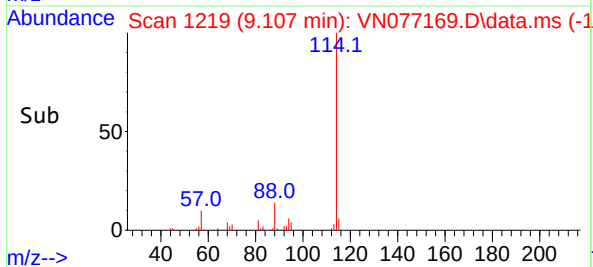
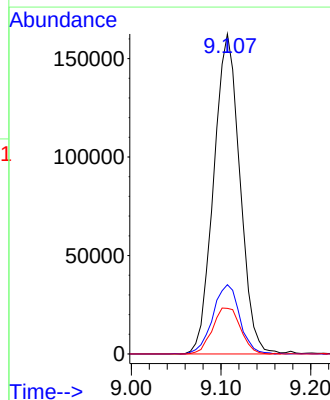
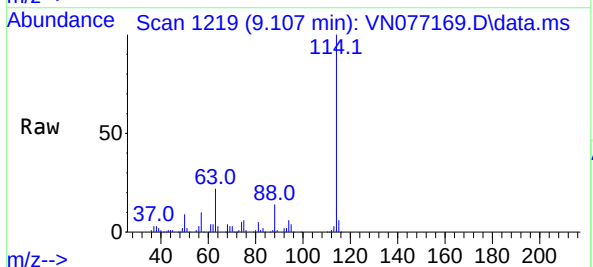
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

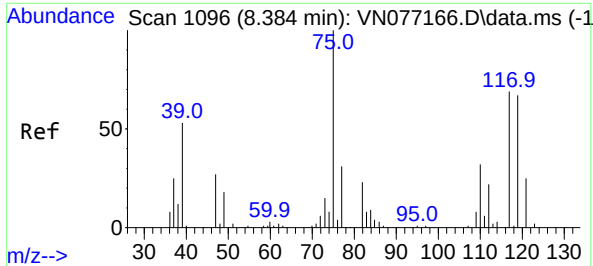
Tgt Ion: 65 Resp: 137837
Ion Ratio Lower Upper
65 100
67 51.1 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 114 Resp: 329224
Ion Ratio Lower Upper
114 100
63 22.2 17.0 25.4
88 15.4 11.6 17.4

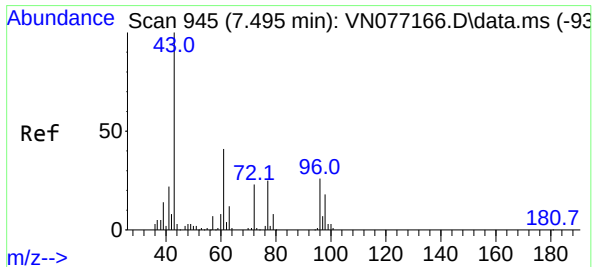
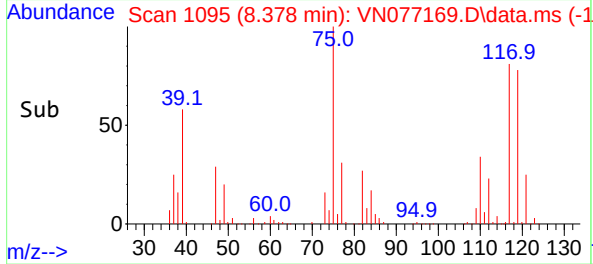
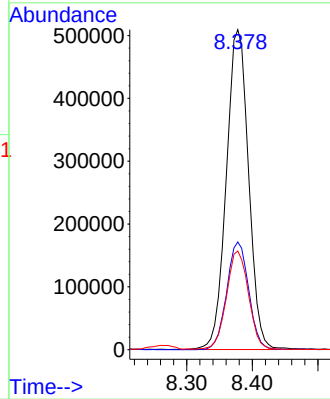
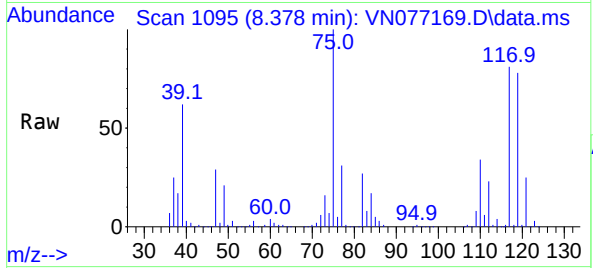




#29
1,1-Dichloropropene
Concen: 150.665 ug/l
RT: 8.378 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

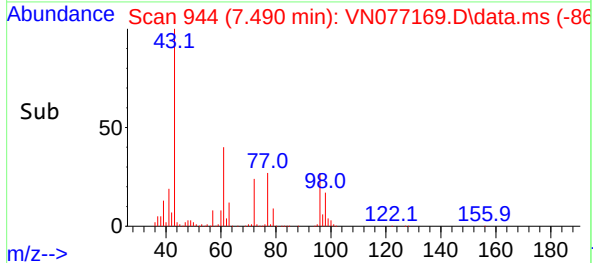
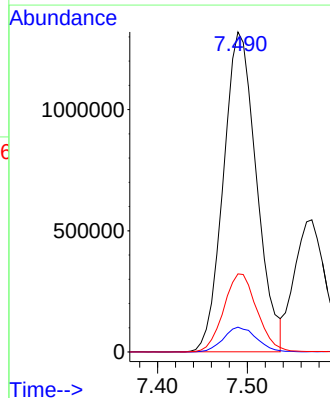
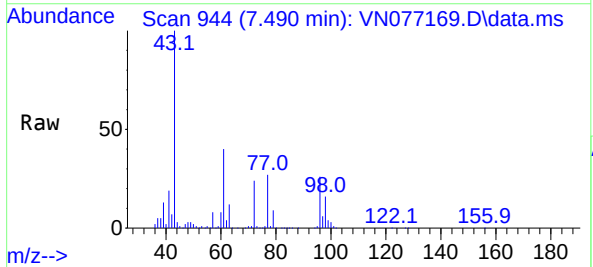
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

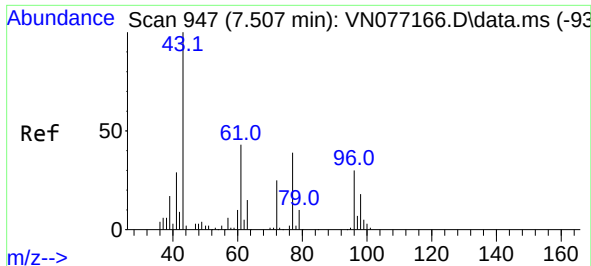
Tgt Ion: 75 Resp: 1199355
Ion Ratio Lower Upper
75 100
110 33.3 0.0 67.2
77 30.8 0.0 64.4



#30
2-Butanone
Concen: 882.402 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 43 Resp: 3385202
Ion Ratio Lower Upper
43 100
57 7.8 6.1 9.1
72 24.6 20.2 30.4





#31

2,2-Dichloropropane

Concen: 142.439 ug/l

RT: 7.495 min Scan# 94

Delta R.T. -0.012 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

Instrument :

MSVOA_N

ClientSampleId :

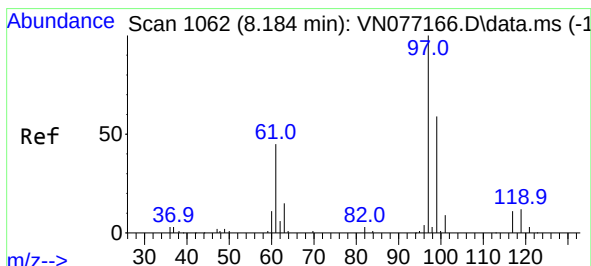
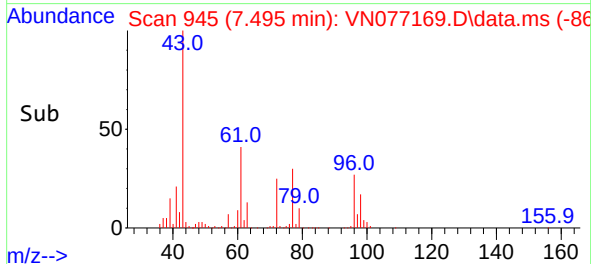
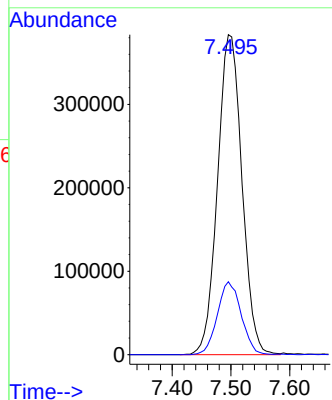
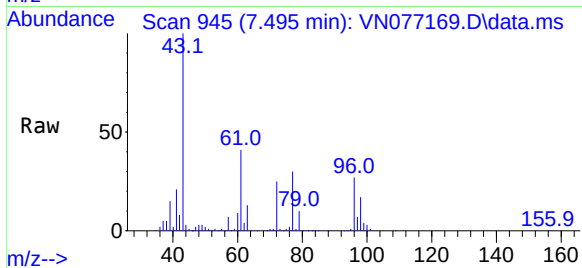
VSTDIC150

Tgt Ion: 77 Resp: 1105655

Ion Ratio Lower Upper

77 100

97 22.3 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 152.638 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

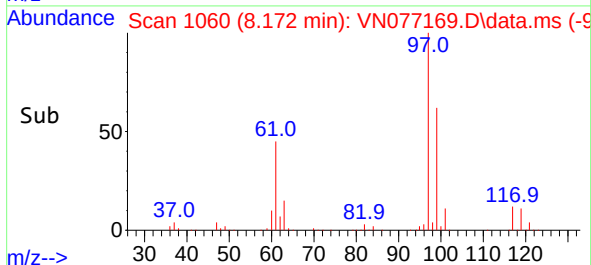
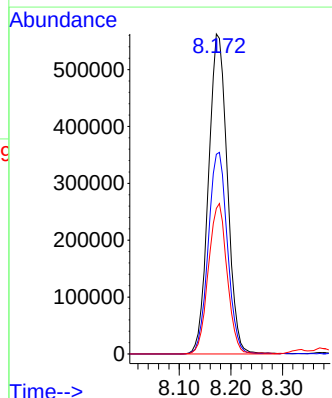
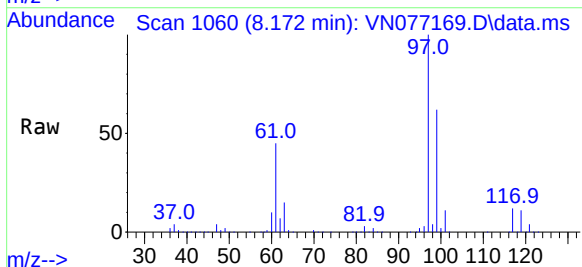
Tgt Ion: 97 Resp: 1423663

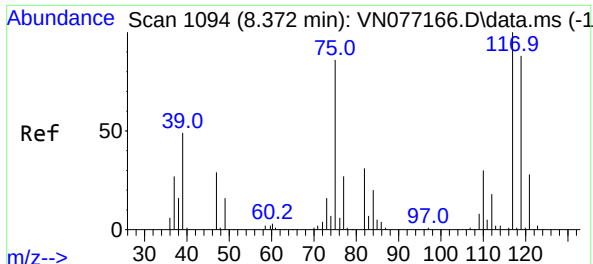
Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.8

61 46.7 39.3 58.9

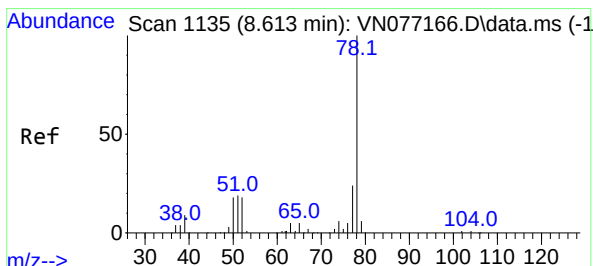
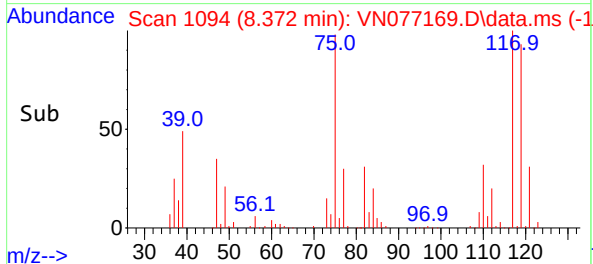
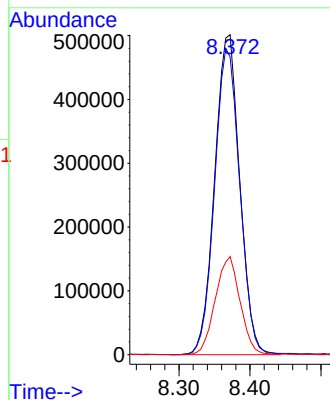
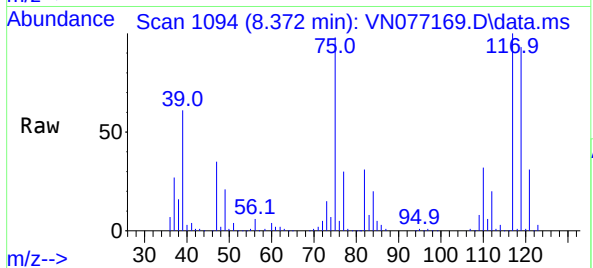




#33
Carbon Tetrachloride
Concen: 149.950 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

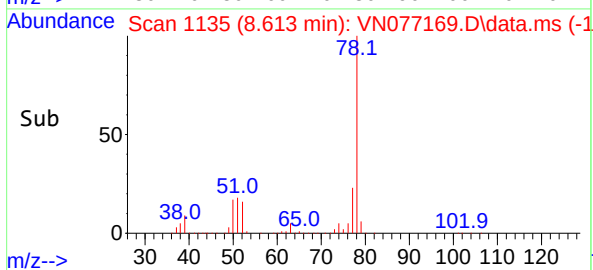
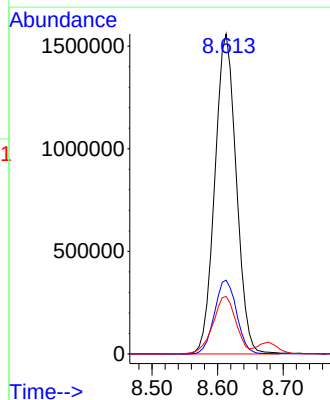
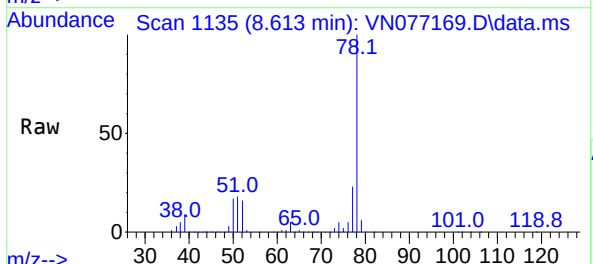
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

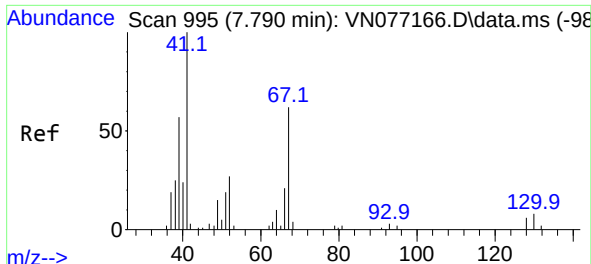
Tgt Ion:117 Resp: 1229366
Ion Ratio Lower Upper
117 100
119 93.0 79.8 119.8
121 30.7 23.4 35.0



#34
Benzene
Concen: 144.756 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 78 Resp: 3536521
Ion Ratio Lower Upper
78 100
77 23.0 17.4 26.2
51 17.9 13.8 20.6



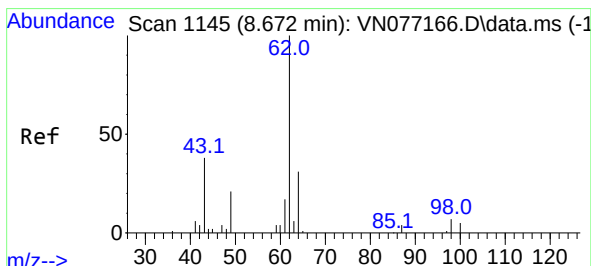
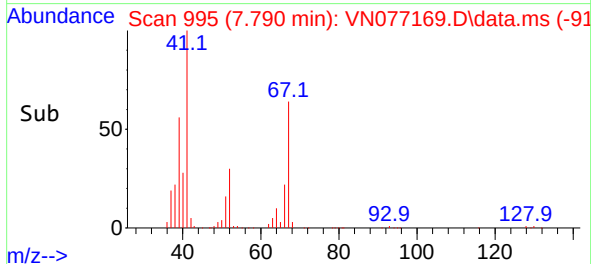
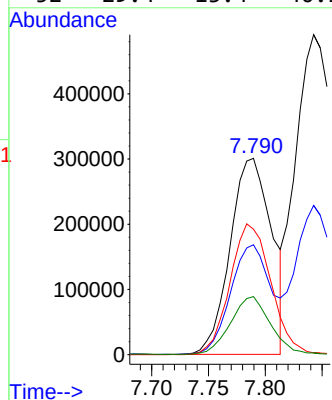
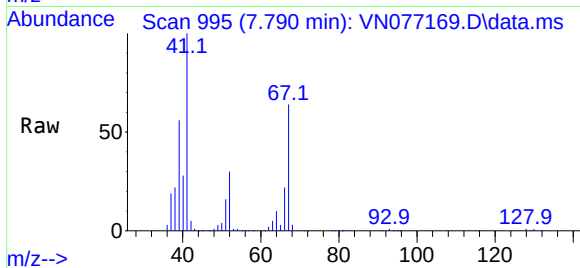


#35
Methacrylonitrile
Concen: 177.925 ug/l
RT: 7.790 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 764351

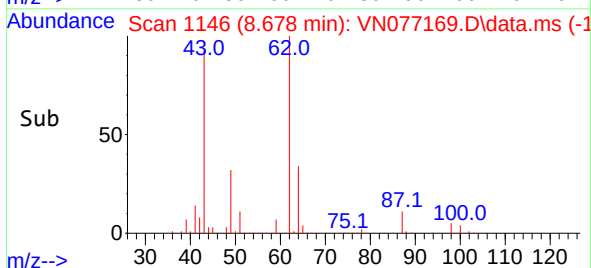
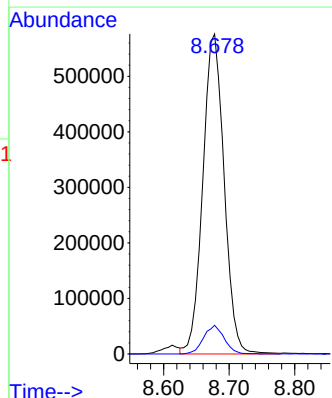
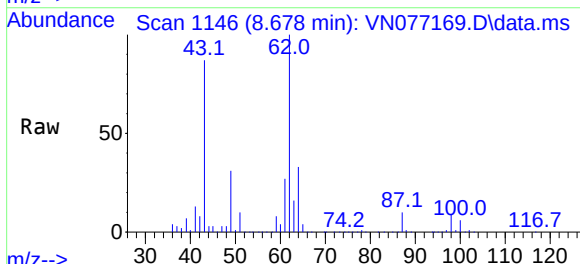
Ion	Ratio	Lower	Upper
41	100		
39	55.8	26.6	79.7
67	64.1	32.3	96.9
52	29.4	13.4	40.1

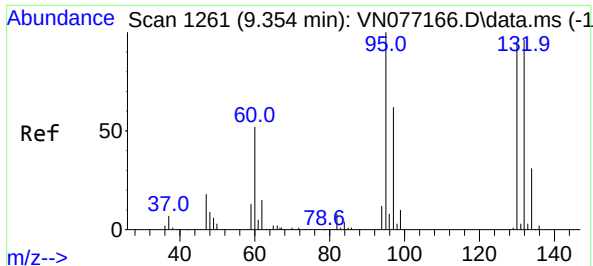


#36
1,2-Dichloroethane
Concen: 155.700 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 62 Resp: 1304848

Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.4	11.0

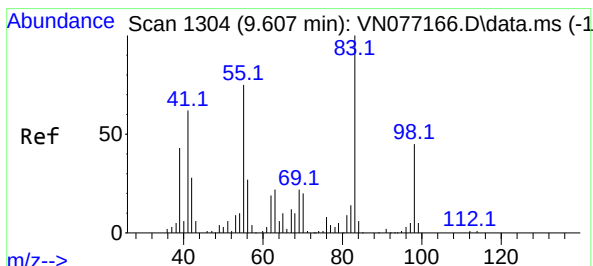
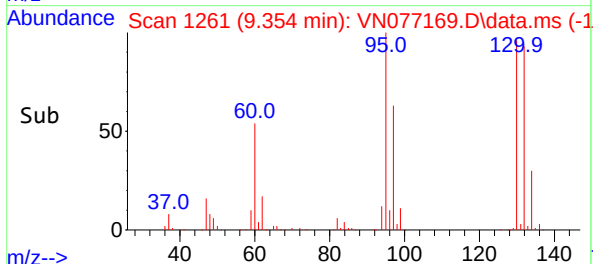
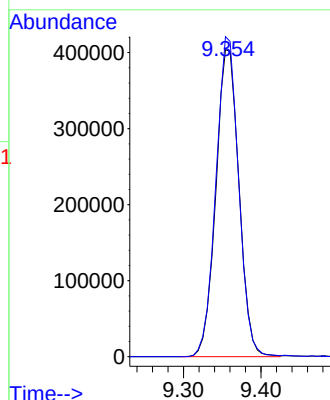
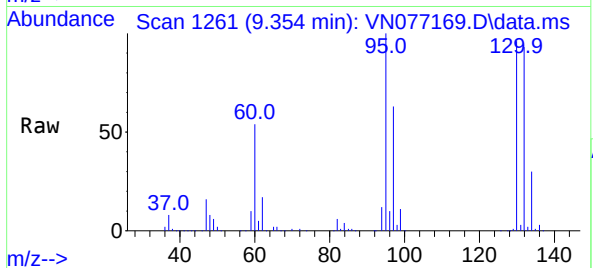




#37
Trichloroethene
Concen: 141.747 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

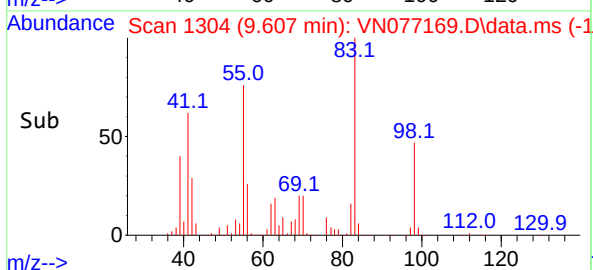
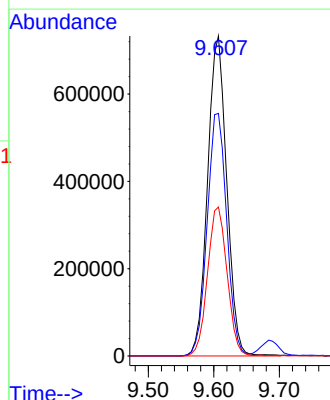
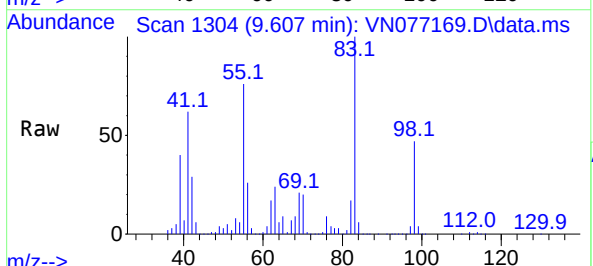
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

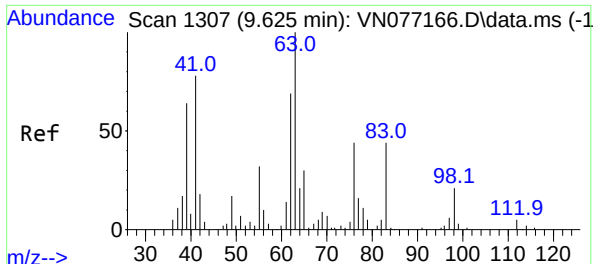
Tgt Ion:130 Resp: 837465
Ion Ratio Lower Upper
130 100
95 104.3 78.7 118.1



#38
Methylcyclohexane
Concen: 153.488 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 83 Resp: 1492191
Ion Ratio Lower Upper
83 100
55 77.2 37.6 112.9
98 47.4 24.1 72.4

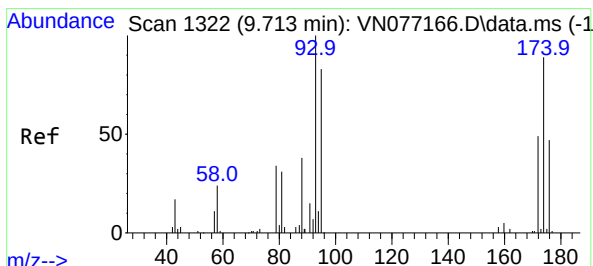
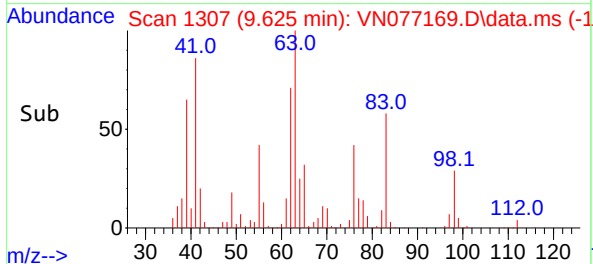
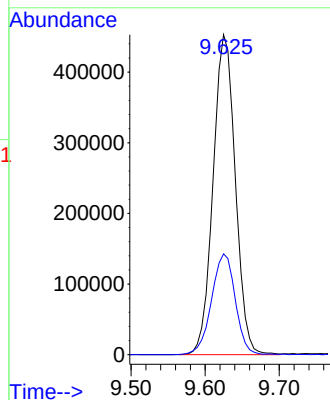
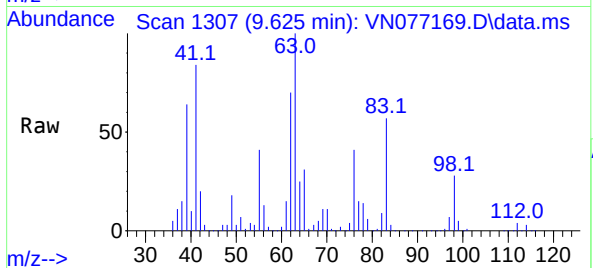




#39
1,2-Dichloropropane
Concen: 149.498 ug/l
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

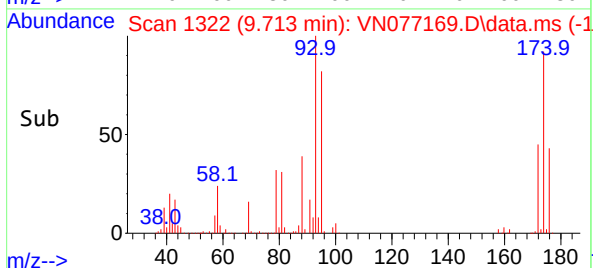
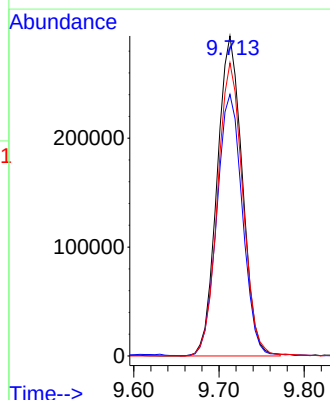
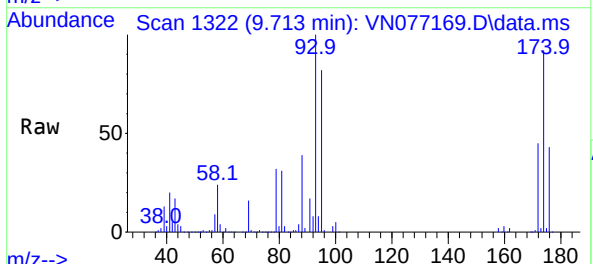
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

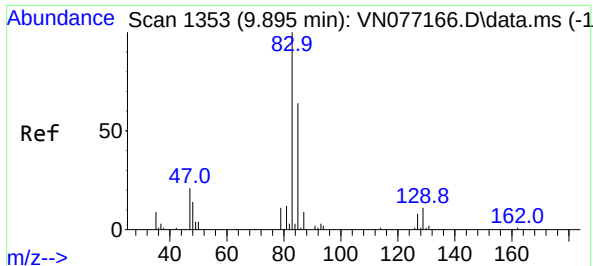
Tgt Ion: 63 Resp: 943919
Ion Ratio Lower Upper
63 100
65 31.4 27.2 40.8



#40
Dibromomethane
Concen: 149.637 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 93 Resp: 603096
Ion Ratio Lower Upper
93 100
95 83.2 0.0 158.0
174 91.5 0.0 171.2

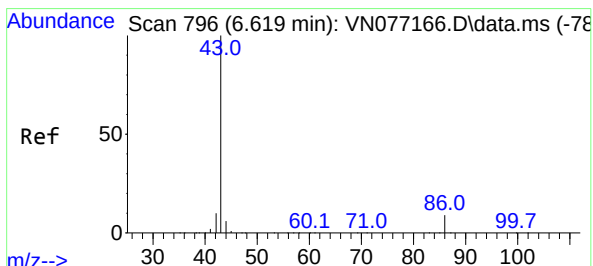
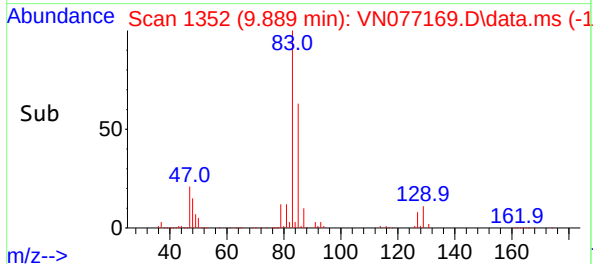
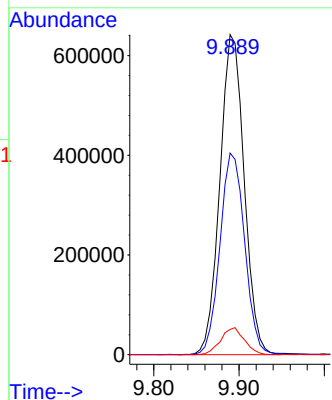
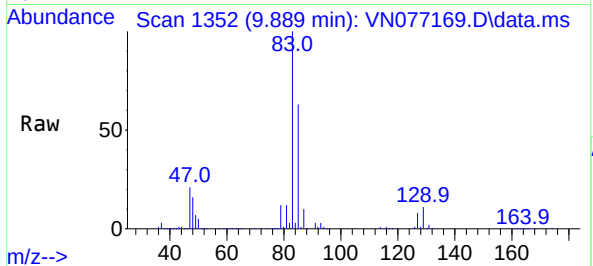




#41
Bromodichloromethane
Concen: 154.600 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

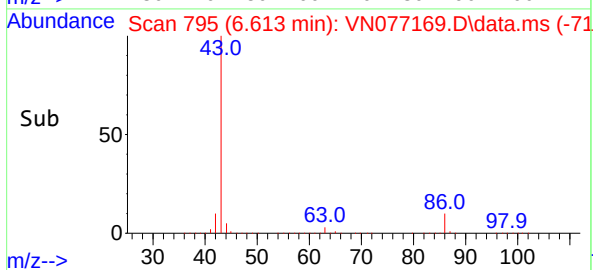
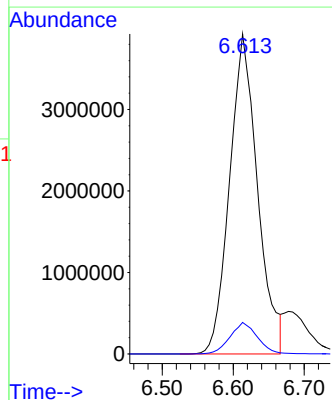
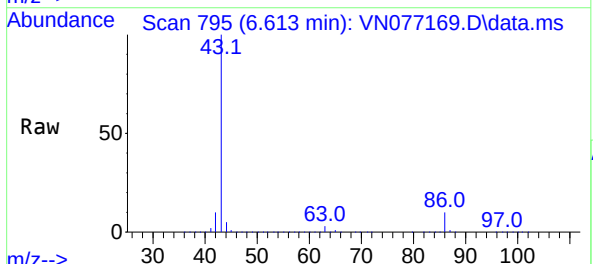
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

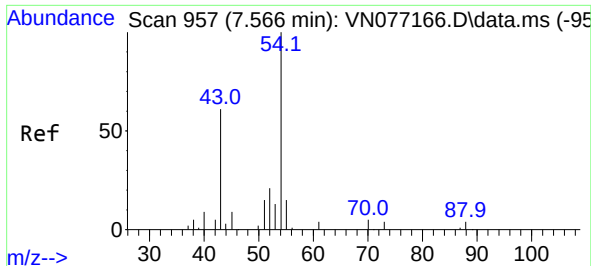
Tgt Ion: 83 Resp: 1273258
Ion Ratio Lower Upper
83 100
85 63.0 51.0 76.4
127 7.9 6.2 9.2



#42
Vinyl Acetate
Concen: 915.171 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 43 Resp:10738612
Ion Ratio Lower Upper
43 100
86 9.7 7.8 11.6

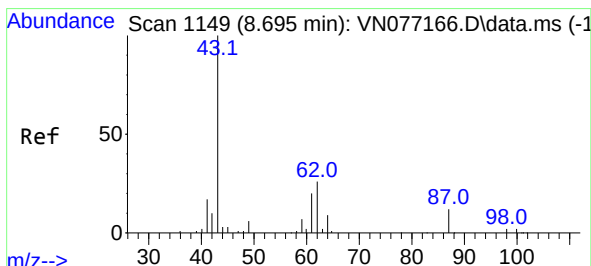
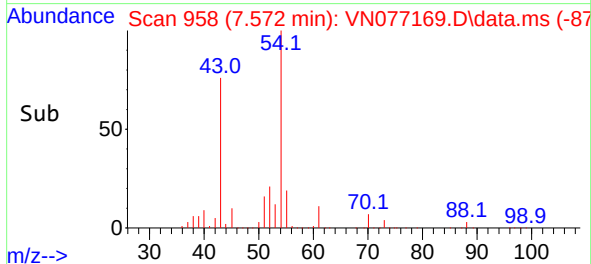
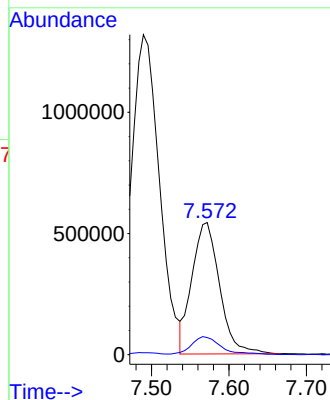
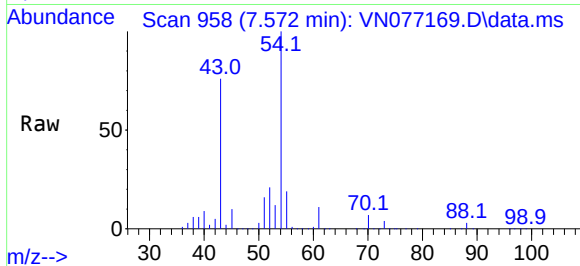




#43
Ethyl Acetate
Concen: 174.268 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

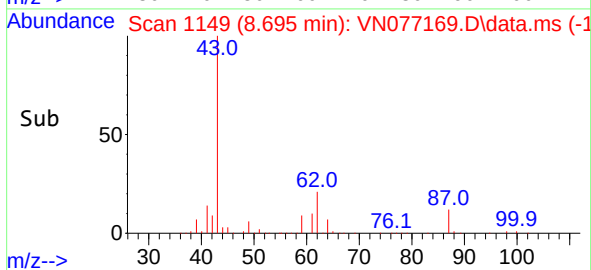
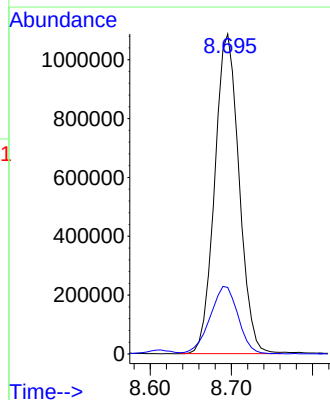
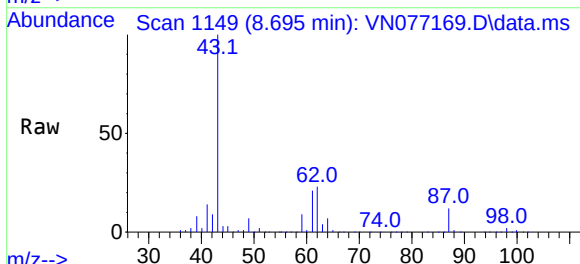
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

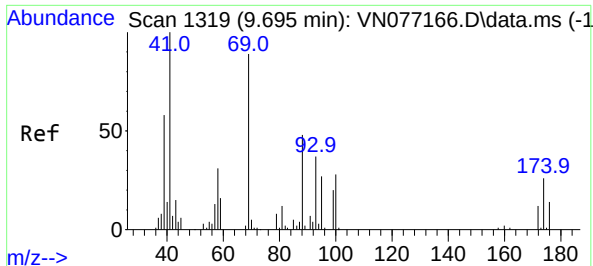
Tgt Ion: 43 Resp: 1340777
Ion Ratio Lower Upper
43 100
45 14.7 11.2 16.8



#44
Isopropyl Acetate
Concen: 182.263 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 43 Resp: 2267579
Ion Ratio Lower Upper
43 100
61 24.5 19.5 29.3

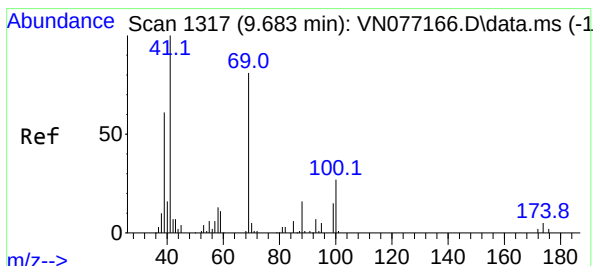
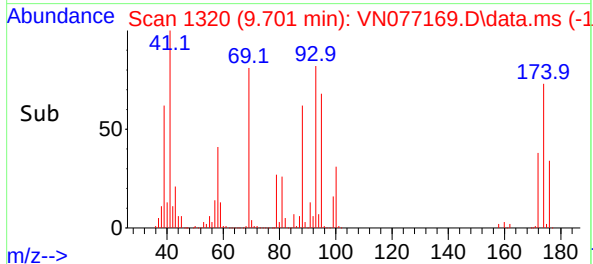
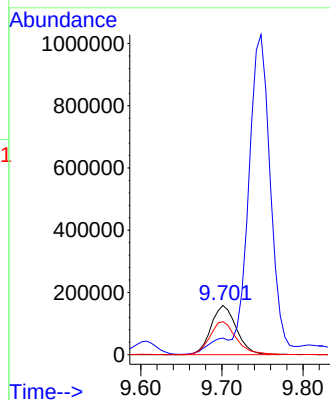
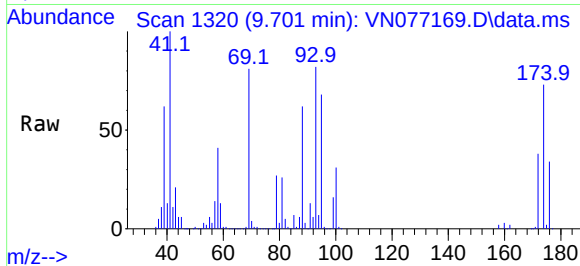




#45
1,4-Dioxane
Concen: 3261.739 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

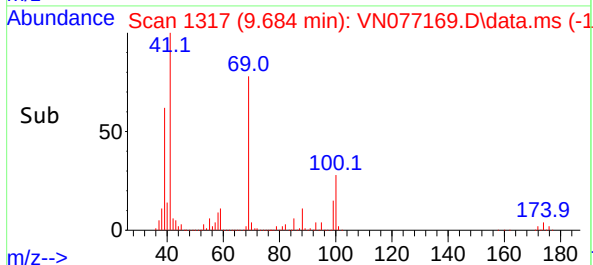
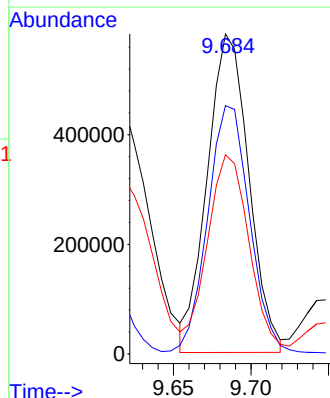
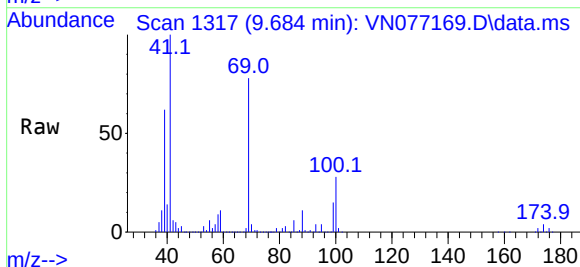
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

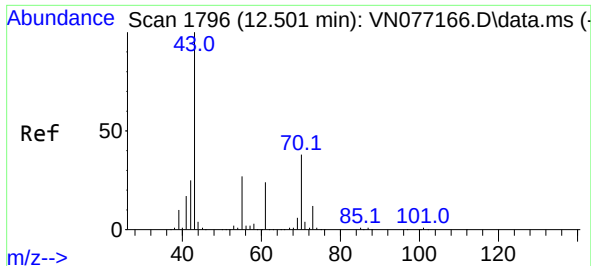
Tgt Ion: 88 Resp: 343417
Ion Ratio Lower Upper
88 100
43 26.4 26.0 39.0
58 70.5 54.3 81.5



#46
Methyl methacrylate
Concen: 180.144 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 41 Resp: 1084882
Ion Ratio Lower Upper
41 100
69 78.4 40.6 121.7
39 61.9 30.5 91.5

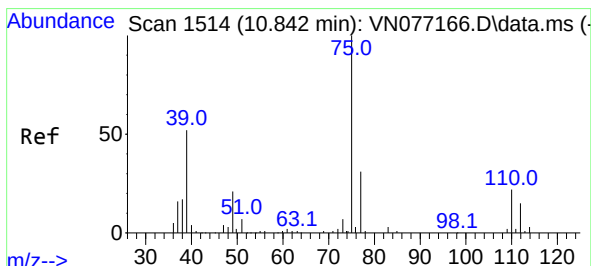
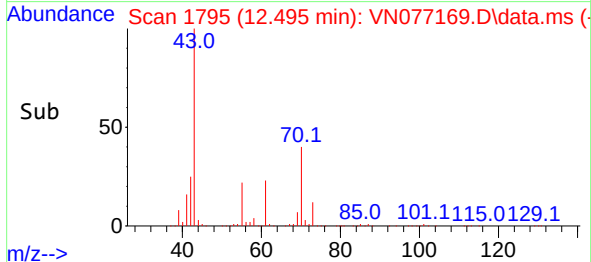
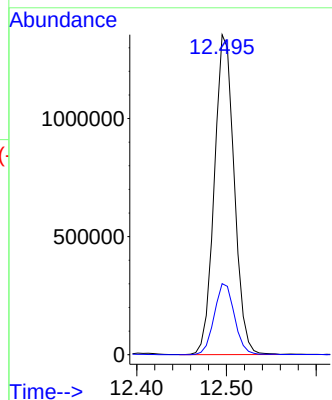
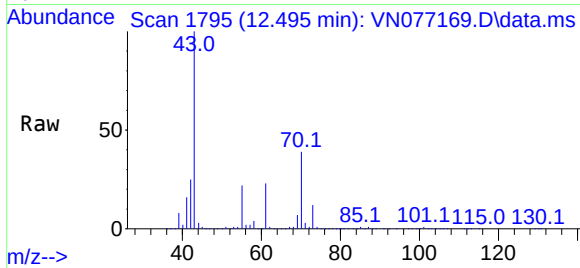




#47
n-amy1 Acetate
Concen: 207.094 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

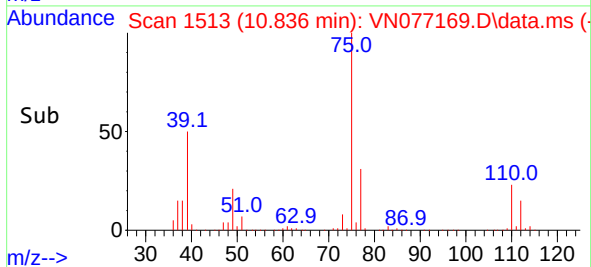
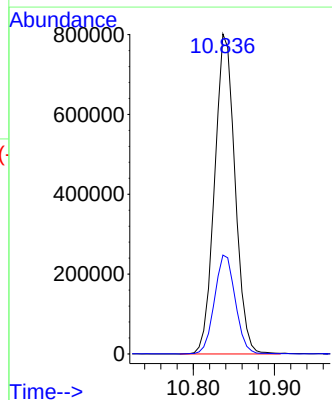
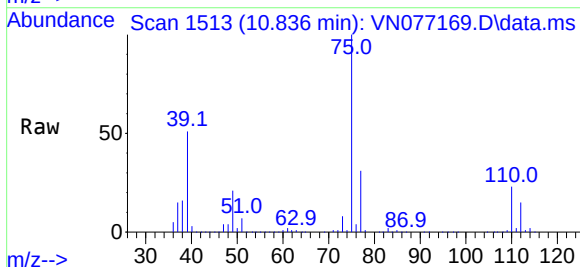
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

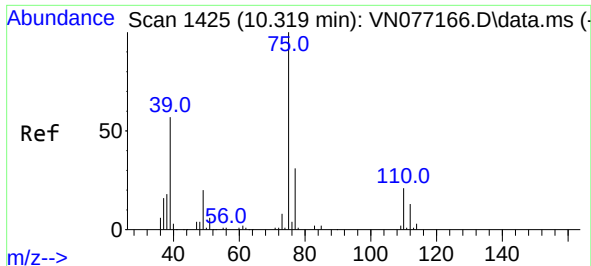
Tgt Ion: 43 Resp: 2084584
Ion Ratio Lower Upper
43 100
55 22.7 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 170.574 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 75 Resp: 1401550
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

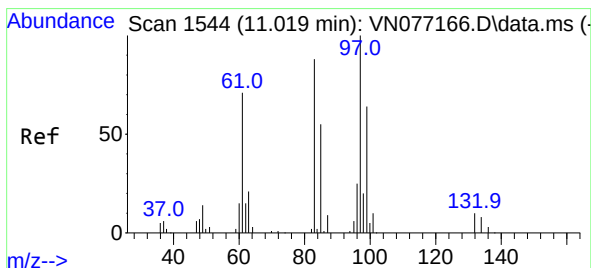
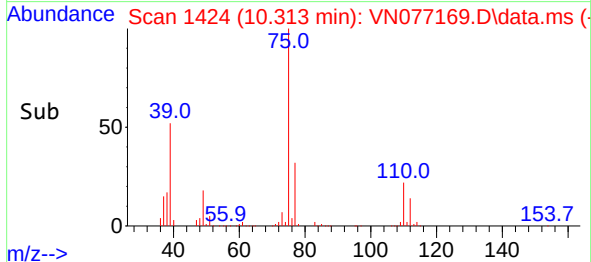
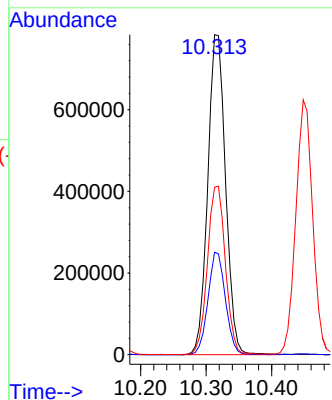
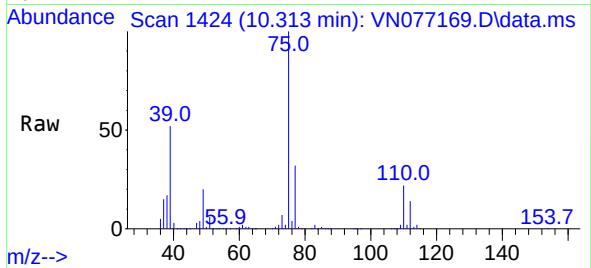




#49
cis-1,3-Dichloropropene
Concen: 159.704 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

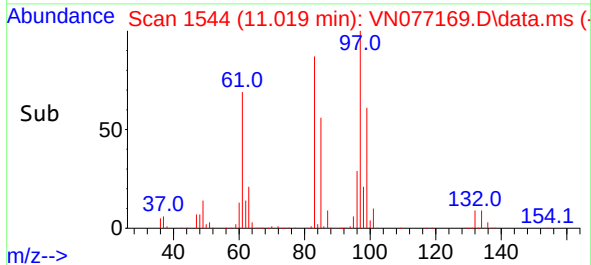
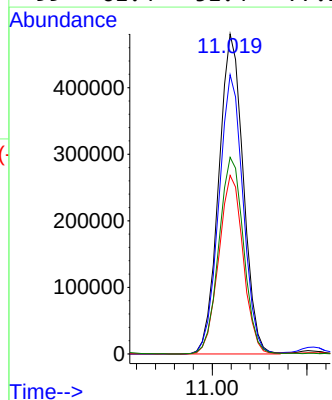
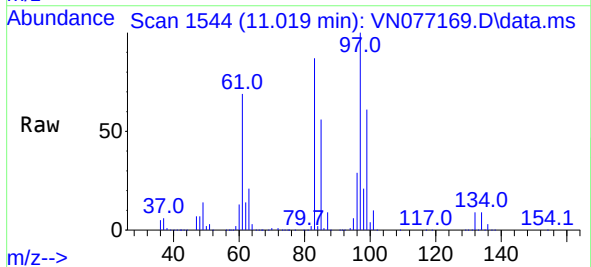
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

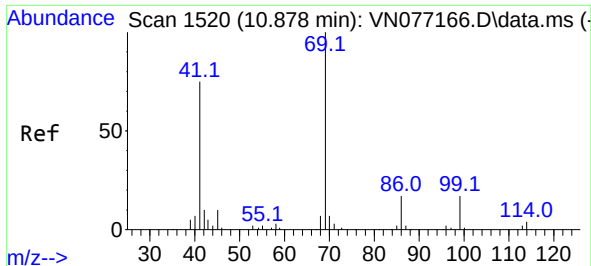
Tgt Ion: 75 Resp: 1482248
Ion Ratio Lower Upper
75 100
77 32.0 27.5 41.3
39 52.3 43.5 65.3



#50
1,1,2-Trichloroethane
Concen: 146.503 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 97 Resp: 862559
Ion Ratio Lower Upper
97 100
83 87.3 71.0 106.4
85 55.8 45.5 68.3
99 61.4 51.4 77.2

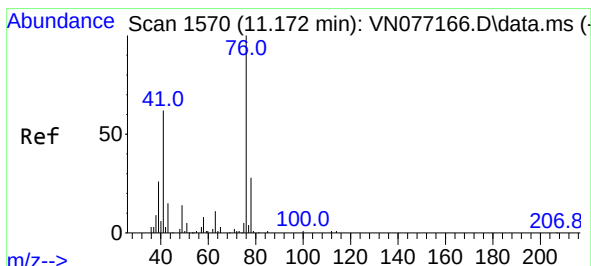
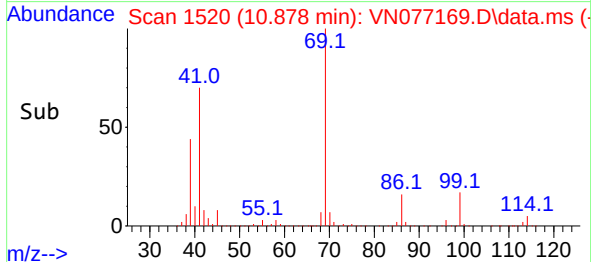
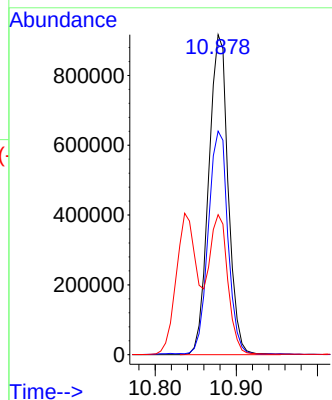
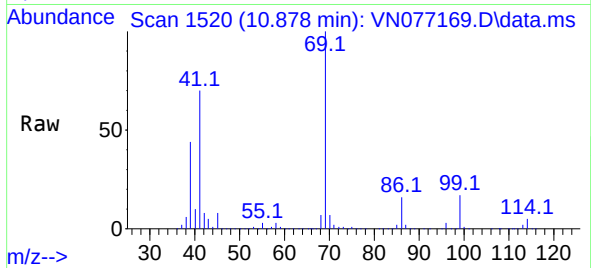




#51
Ethyl methacrylate
Concen: 177.244 ug/l
RT: 10.878 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

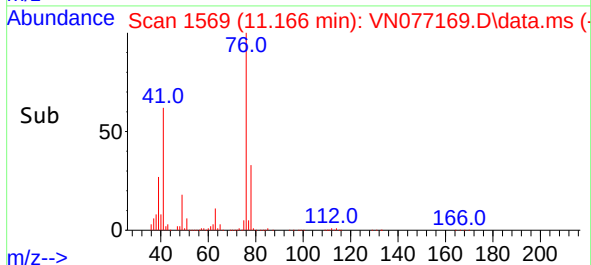
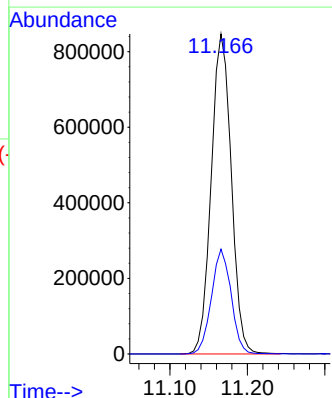
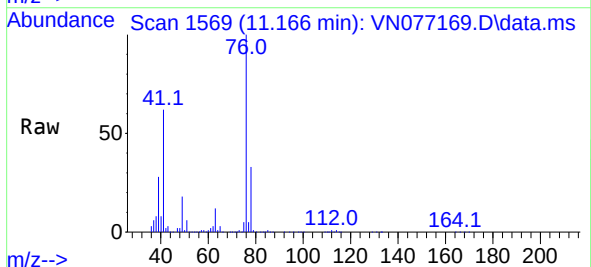
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

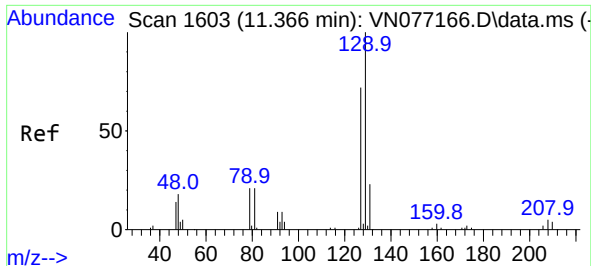
Tgt Ion: 69 Resp: 1526283
Ion Ratio Lower Upper
69 100
41 69.6 36.3 108.7
39 43.6 19.9 59.7



#52
1,3-Dichloropropane
Concen: 150.322 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 76 Resp: 1523706
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4

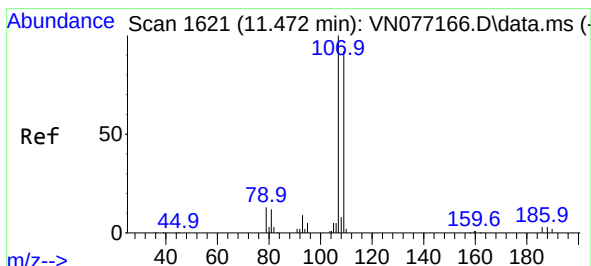
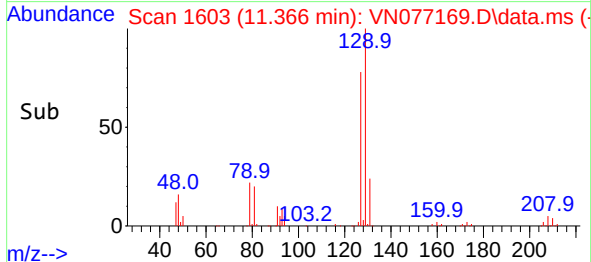
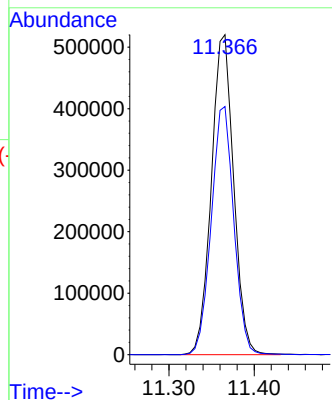
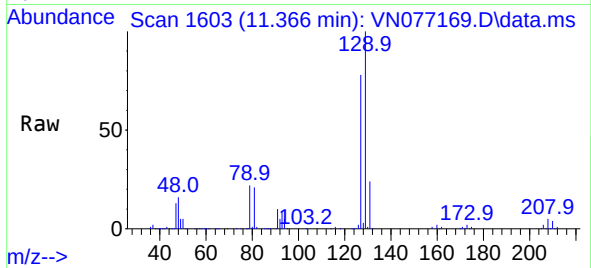




#53
Dibromochloromethane
Concen: 158.622 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

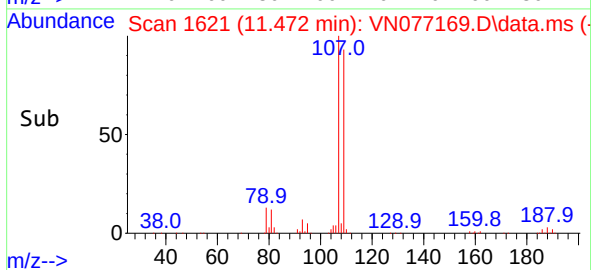
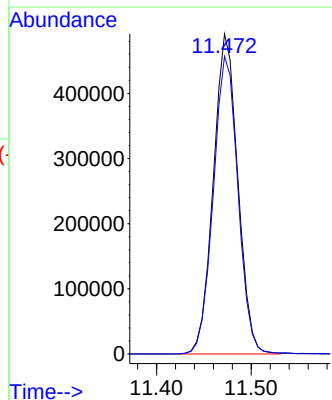
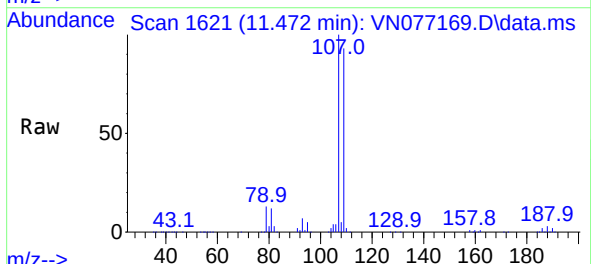
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

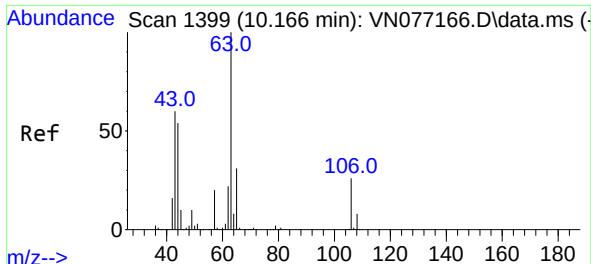
Tgt Ion:129 Resp: 945960
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.1



#54
1,2-Dibromoethane
Concen: 155.580 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion:107 Resp: 881231
Ion Ratio Lower Upper
107 100
109 93.7 74.6 112.0

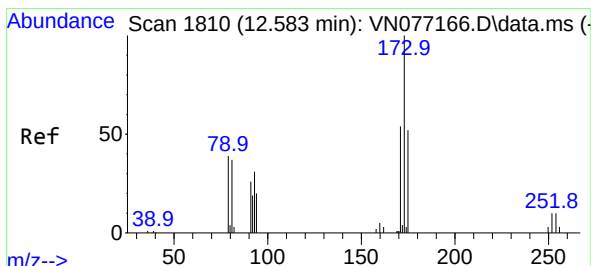
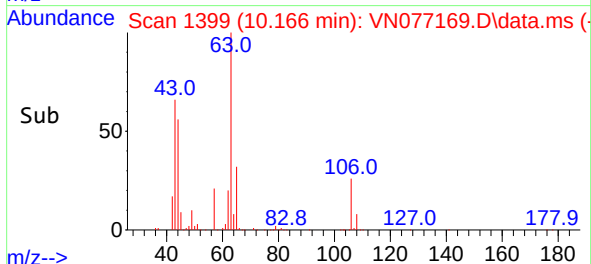
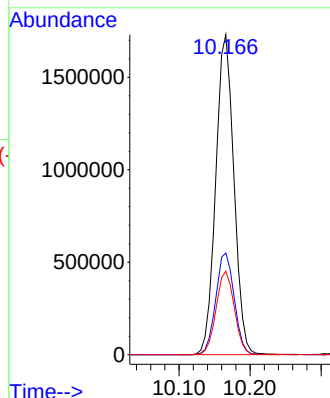
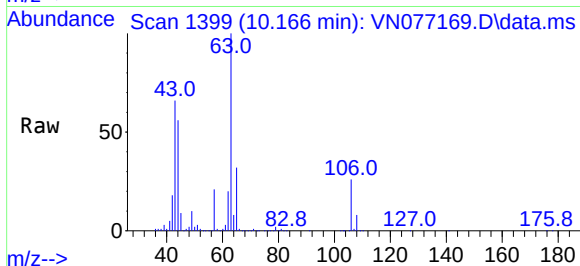




#55
2-Chloroethyl vinyl ether
Concen: 977.315 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

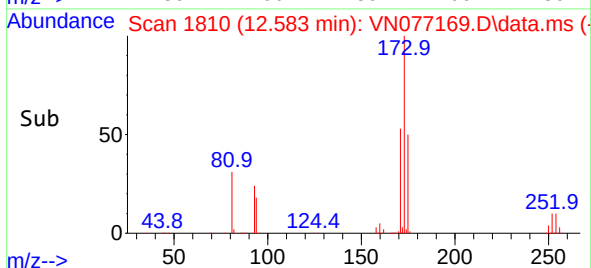
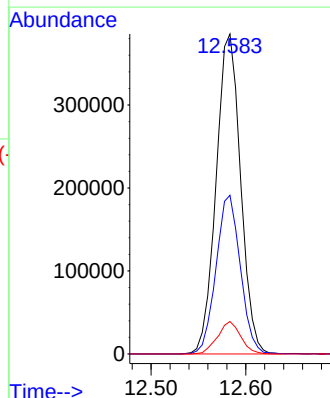
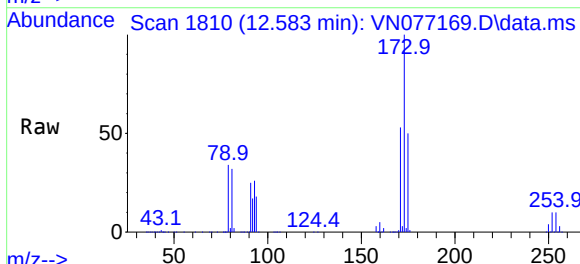
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

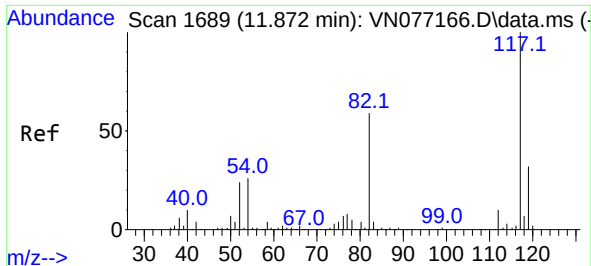
Tgt Ion: 63 Resp: 3068647
Ion Ratio Lower Upper
63 100
65 32.2 26.3 39.5
106 26.2 21.6 32.4



#56
Bromoform
Concen: 174.272 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 173 Resp: 692772
Ion Ratio Lower Upper
173 100
175 49.3 37.8 56.6
254 9.6 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

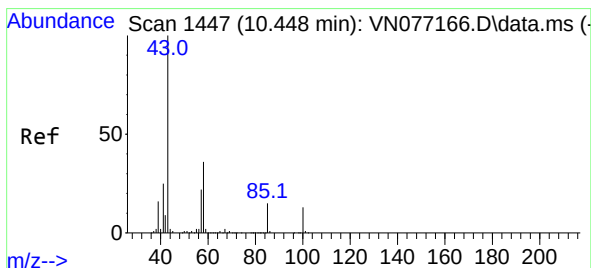
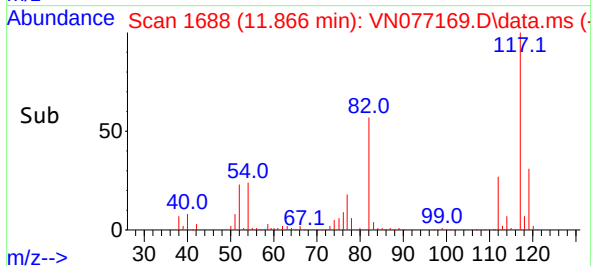
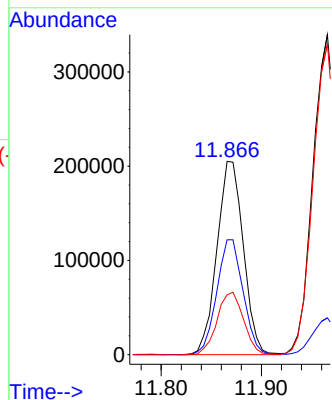
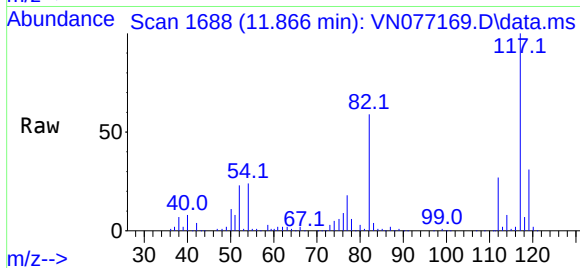
Tgt Ion:117 Resp: 375545

Ion Ratio Lower Upper

117 100

82 59.2 45.4 68.0

119 32.4 26.8 40.2



#58

4-Methyl-2-Pentanone

Concen: 889.309 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

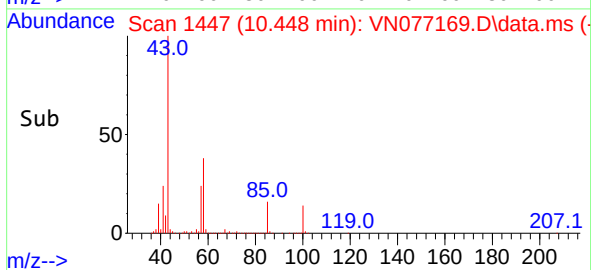
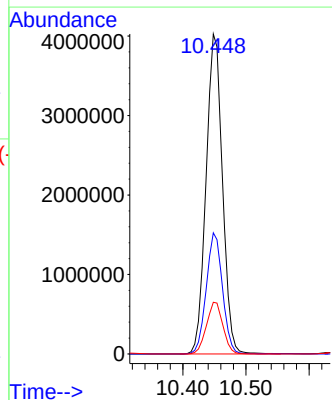
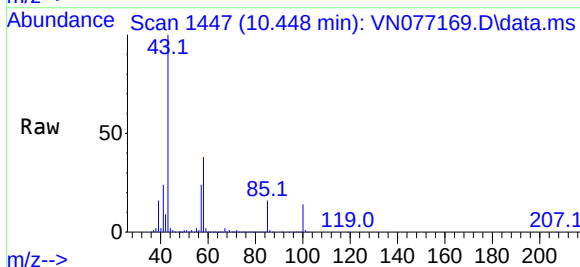
Tgt Ion: 43 Resp: 7257661

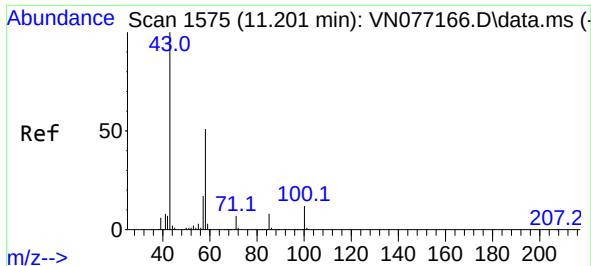
Ion Ratio Lower Upper

43 100

58 37.5 28.6 42.8

85 16.3 11.8 17.8

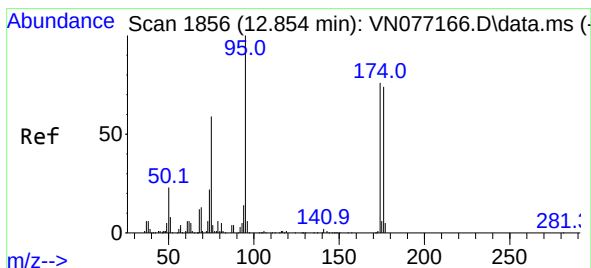
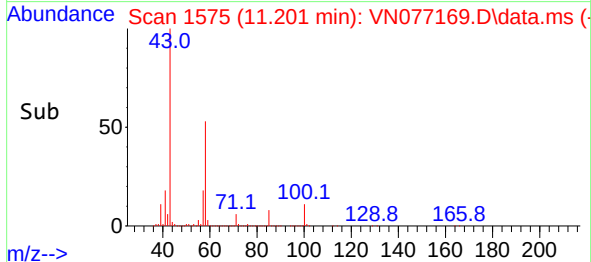
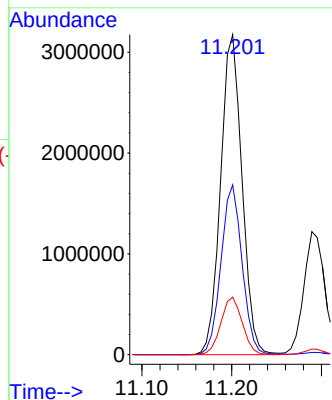
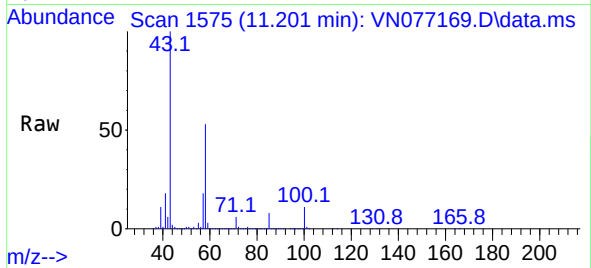




#59
2-Hexanone
Concen: 903.011 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

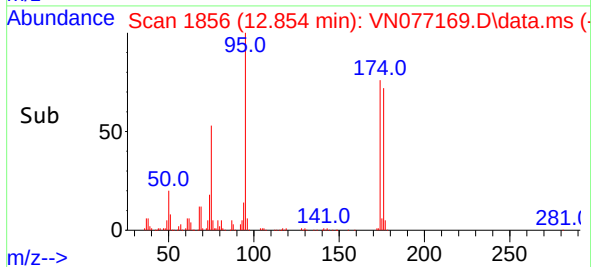
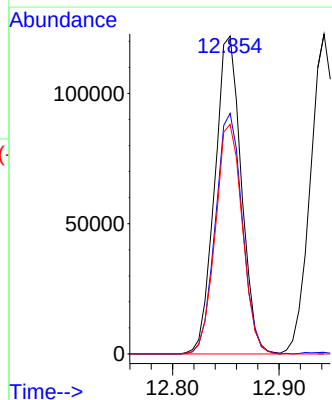
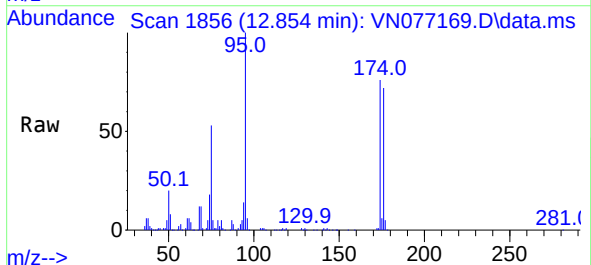
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

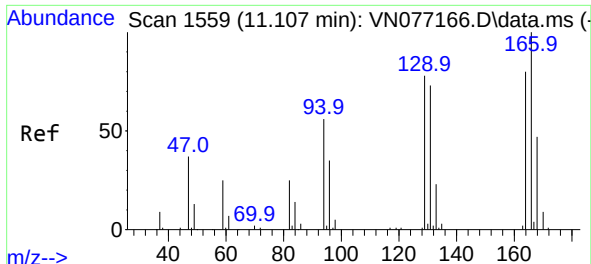
Tgt Ion: 43 Resp: 5261668
Ion Ratio Lower Upper
43 100
58 52.4 40.6 60.8
57 18.0 13.1 19.7



#60
4-Bromofluorobenzene
Concen: 29.978 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 95 Resp: 210645
Ion Ratio Lower Upper
95 100
174 76.7 64.2 96.4
176 73.5 61.4 92.0

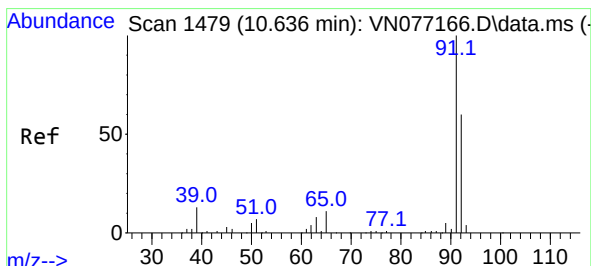
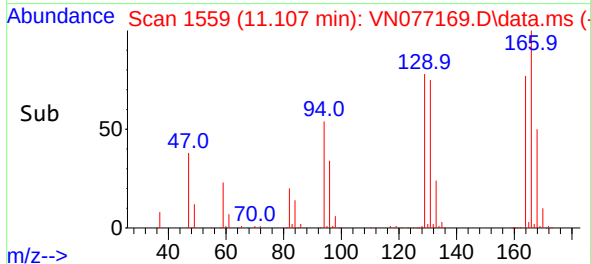
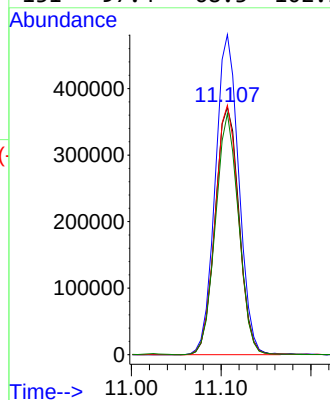
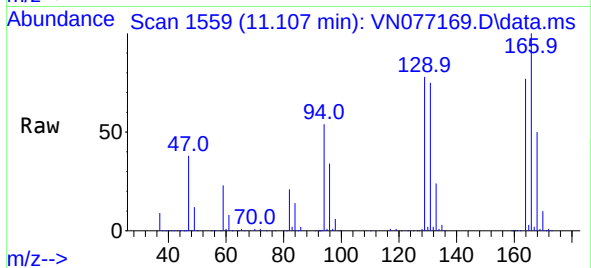




#61
Tetrachloroethene
Concen: 118.992 ug/l
RT: 11.107 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

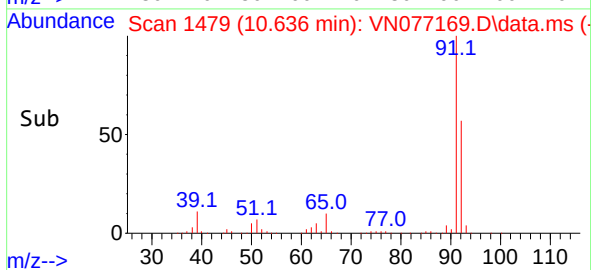
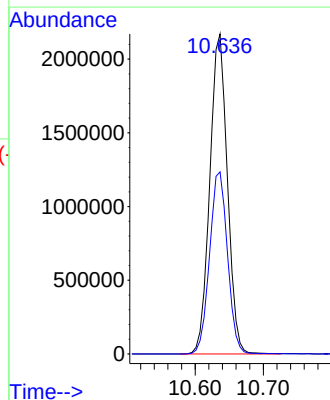
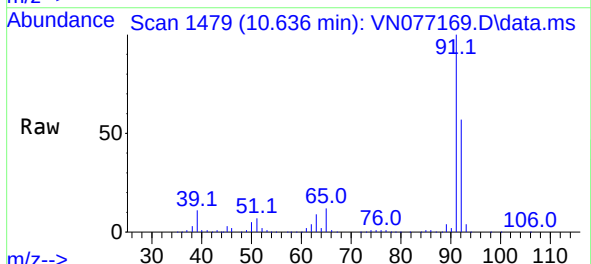
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MSVOA_N
ClientSampleId :
VSTDIC150

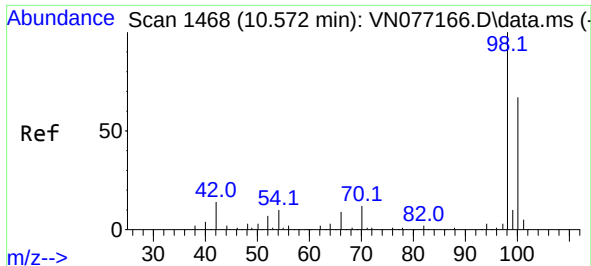
Tgt Ion:164 Resp: 688618
Ion Ratio Lower Upper
164 100
166 129.3 96.2 144.2
129 100.8 78.2 117.4
131 97.4 68.3 102.5



#62
Toluene
Concen: 147.473 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 91 Resp: 3899105
Ion Ratio Lower Upper
91 100
92 58.0 46.3 69.5

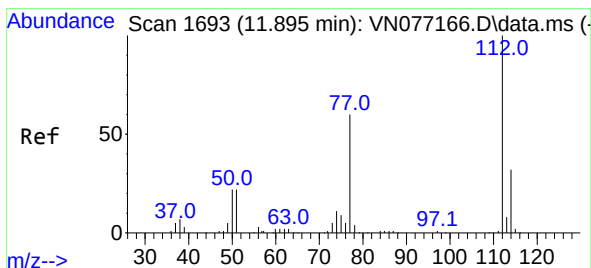
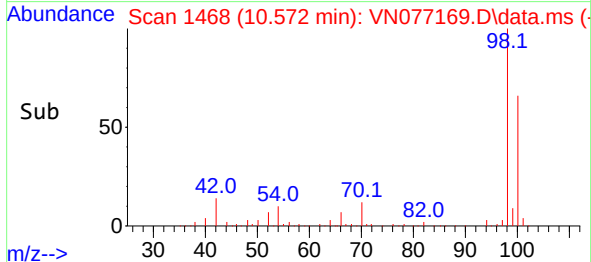
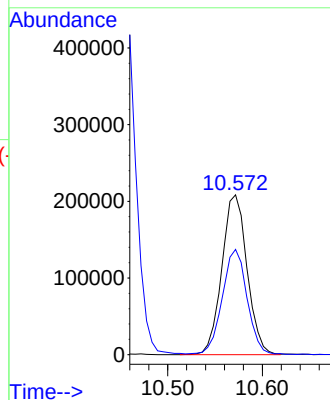
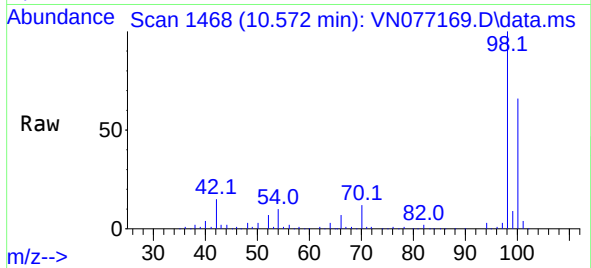




#63
Toluene-d8
Concen: 28.980 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

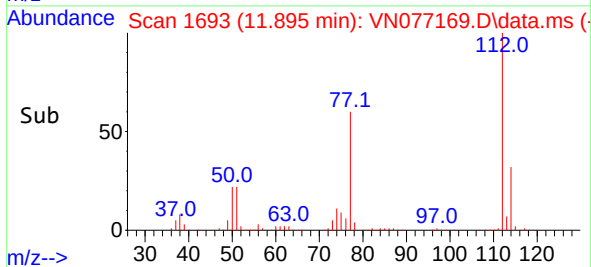
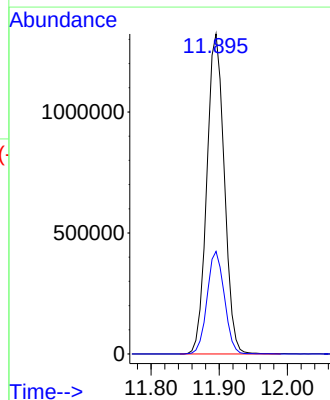
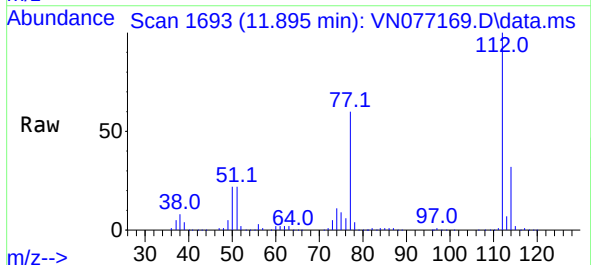
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

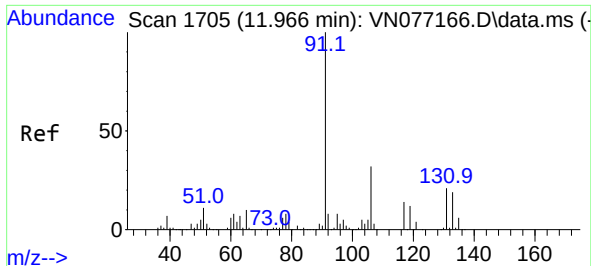
Tgt Ion: 98 Resp: 385276
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.6



#64
Chlorobenzene
Concen: 151.939 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 112 Resp: 2358484
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7

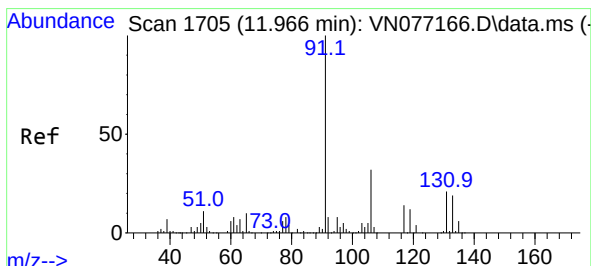
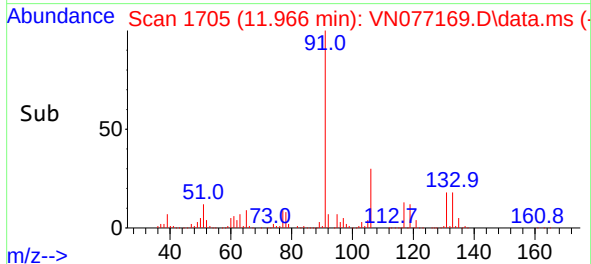
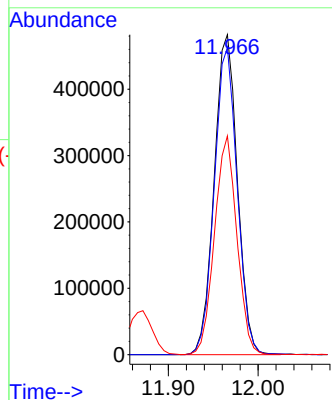
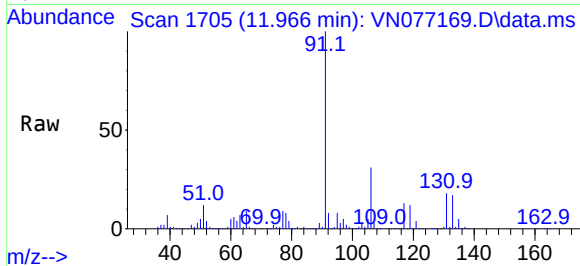




#65
1,1,1,2-Tetrachloroethane
Concen: 147.829 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

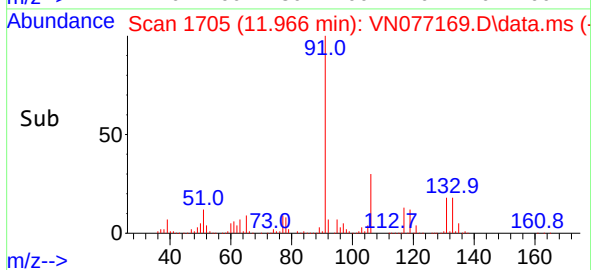
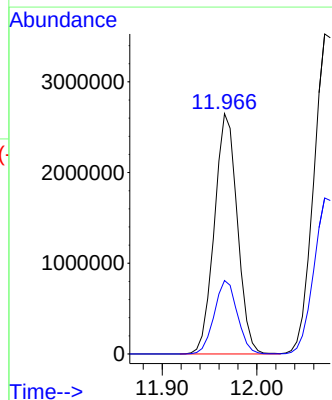
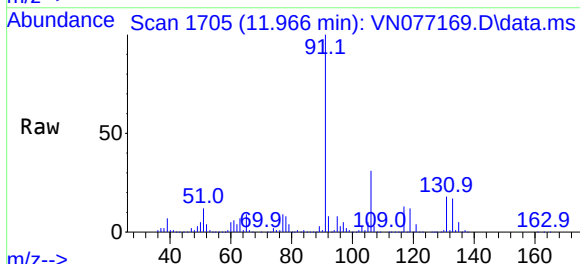
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

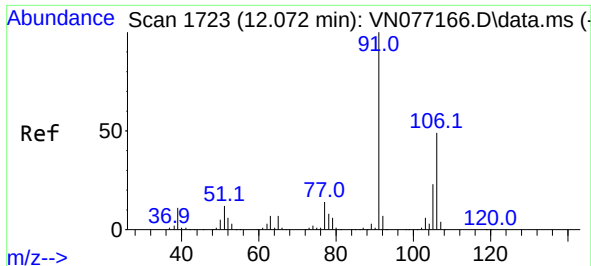
Tgt Ion:131 Resp: 864191
Ion Ratio Lower Upper
131 100
133 94.9 0.0 197.6
119 66.1 0.0 127.8



#66
Ethyl Benzene
Concen: 156.059 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 91 Resp: 4453335
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8

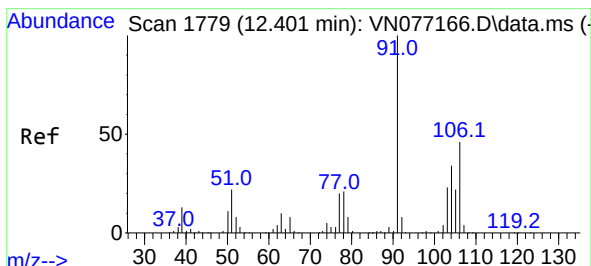
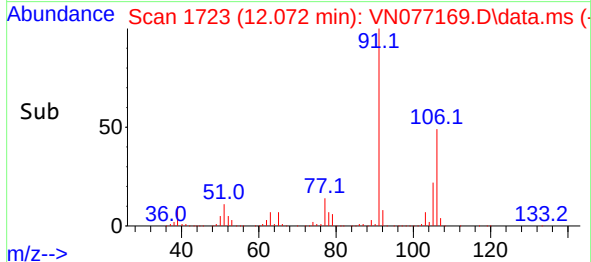
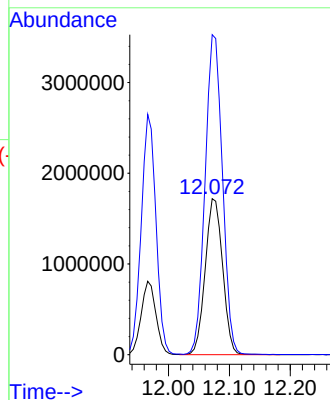
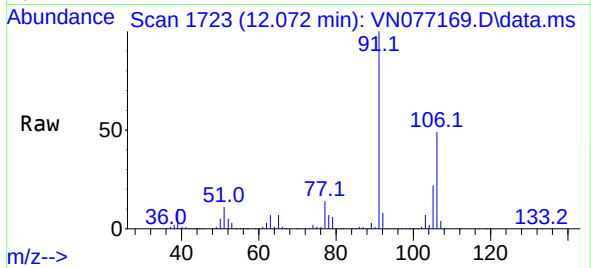




#67
m/p-Xylenes
Concen: 316.416 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

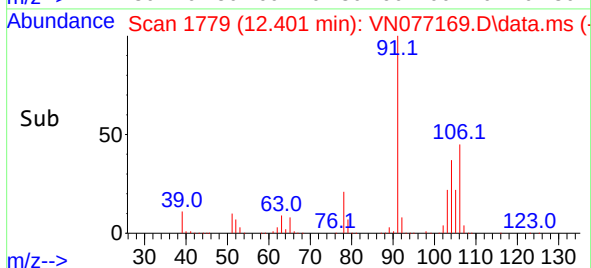
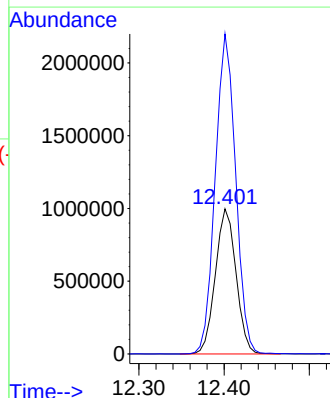
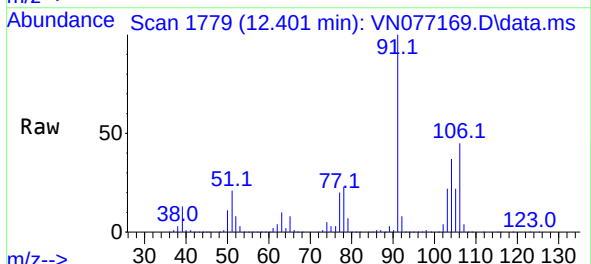
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

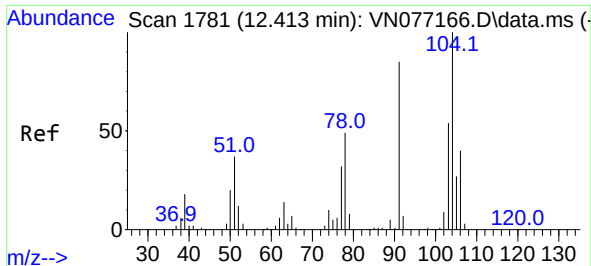
Tgt Ion:106 Resp: 3418624
Ion Ratio Lower Upper
106 100
91 204.3 157.4 236.2



#68
o-Xylene
Concen: 159.242 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion:106 Resp: 1680784
Ion Ratio Lower Upper
106 100
91 217.7 107.2 321.6

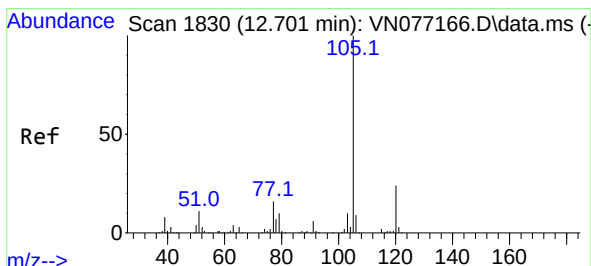
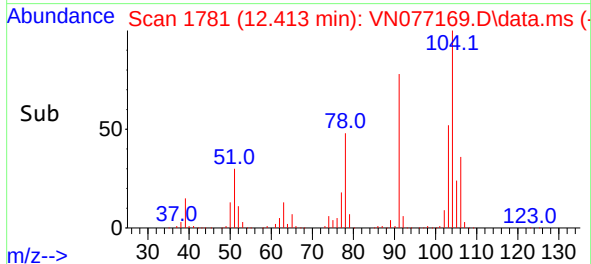
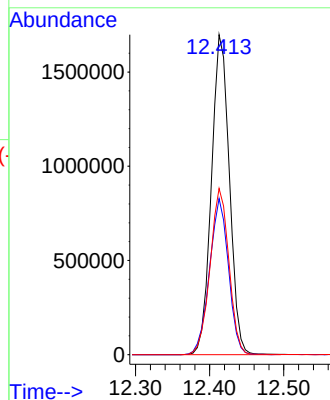
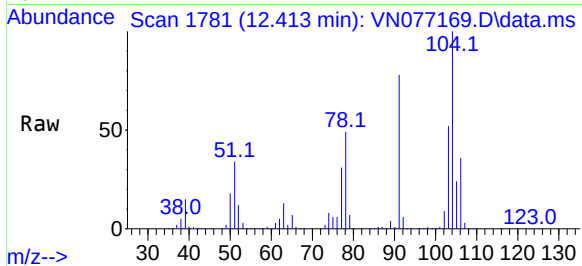




#69
Styrene
Concen: 168.184 ug/l
RT: 12.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

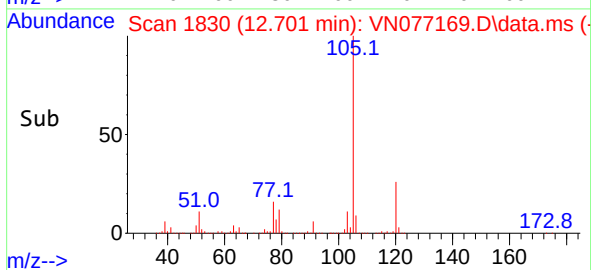
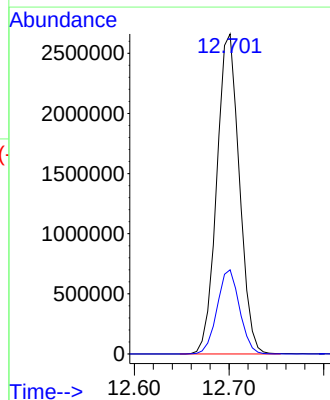
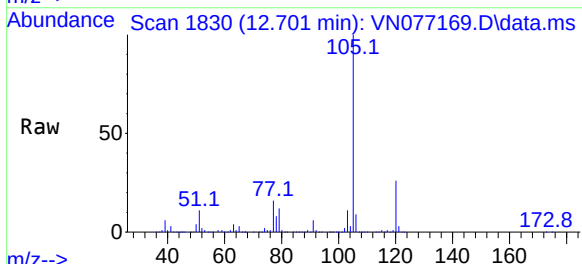
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

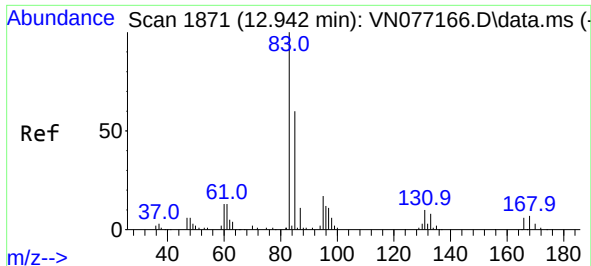
Tgt Ion:104 Resp: 2863153
Ion Ratio Lower Upper
104 100
78 51.4 39.6 59.4
103 54.3 43.9 65.9



#70
Isopropylbenzene
Concen: 160.542 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion:105 Resp: 4401919
Ion Ratio Lower Upper
105 100
120 26.1 19.0 35.2

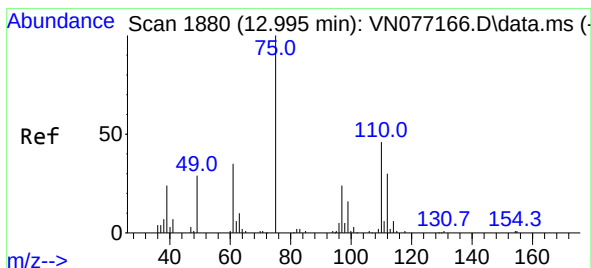
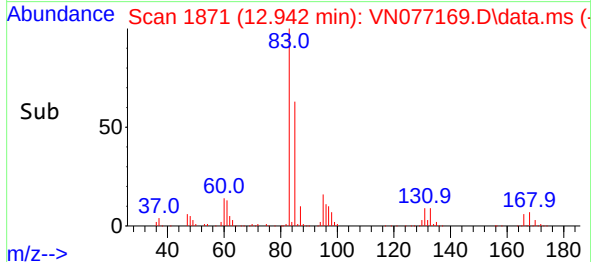
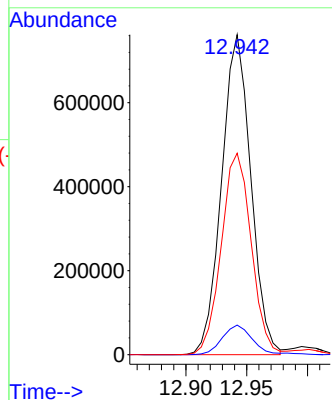
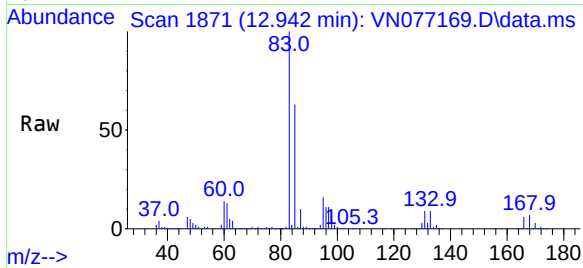




#71
1,1,2,2-Tetrachloroethane
Concen: 149.471 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

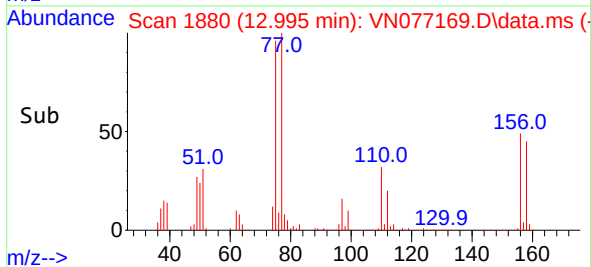
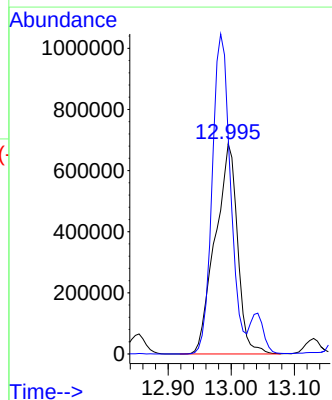
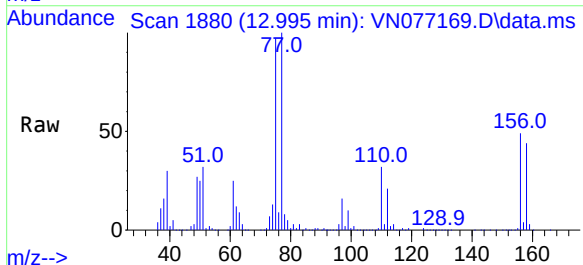
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

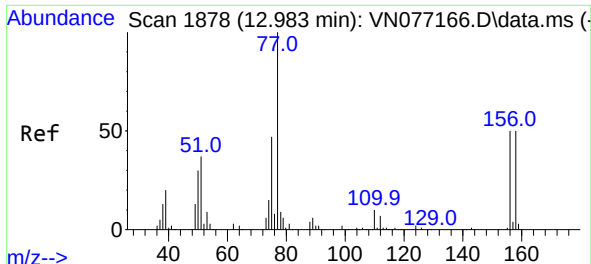
Tgt Ion: 83 Resp: 1274036
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 64.4 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 216.109 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 75 Resp: 1694150
Ion Ratio Lower Upper
75 100
77 124.4 0.0 332.6

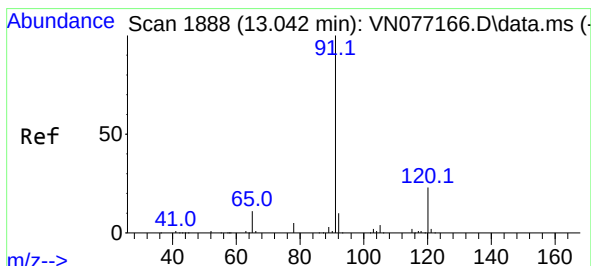
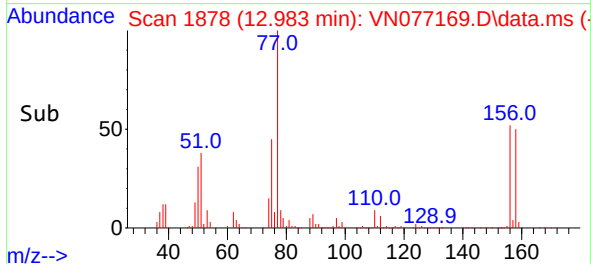
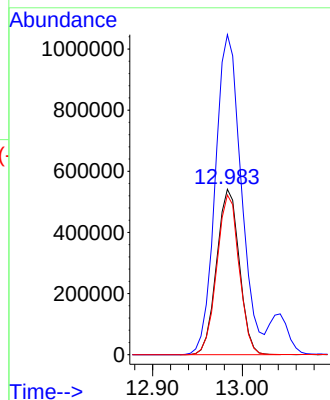
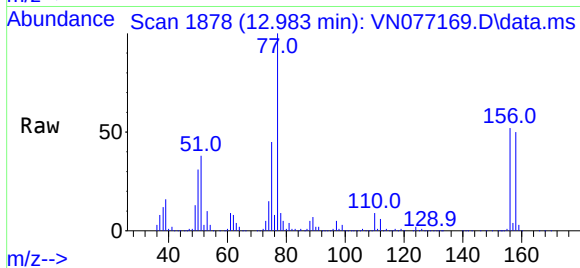




#73
Bromobenzene
Concen: 152.523 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

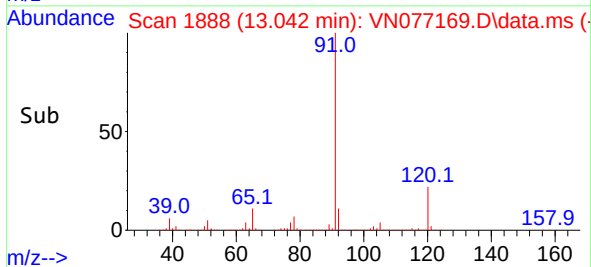
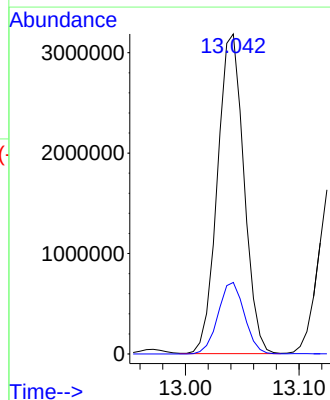
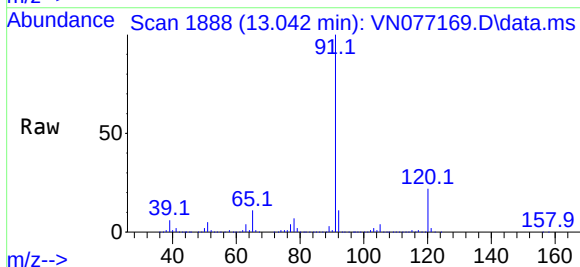
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

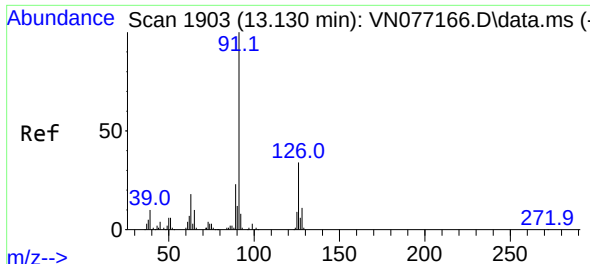
Tgt Ion:156 Resp: 948018
Ion Ratio Lower Upper
156 100
77 222.3 0.0 423.0
158 95.2 0.0 188.6



#74
n-propylbenzene
Concen: 160.428 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 91 Resp: 5159096
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.0

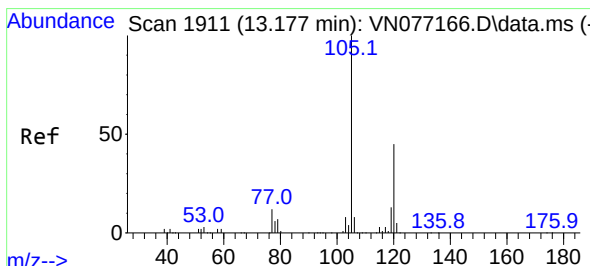
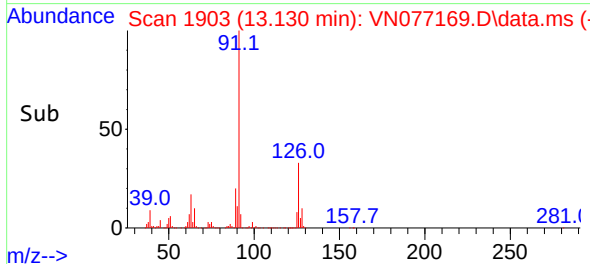
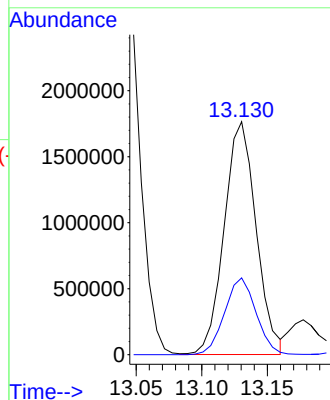
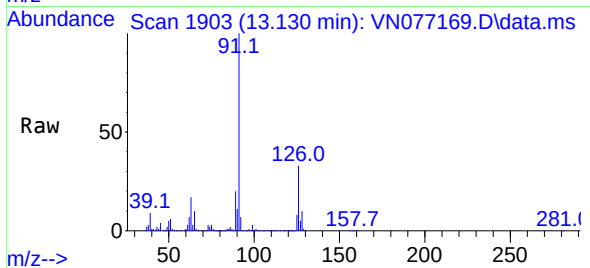




#75
2-Chlorotoluene
Concen: 150.362 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

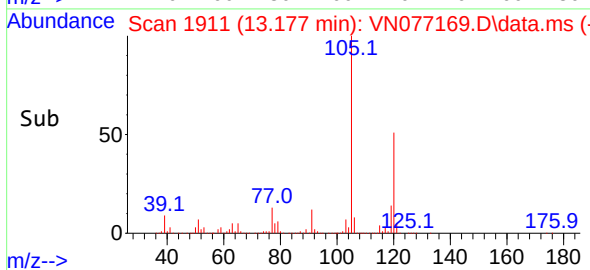
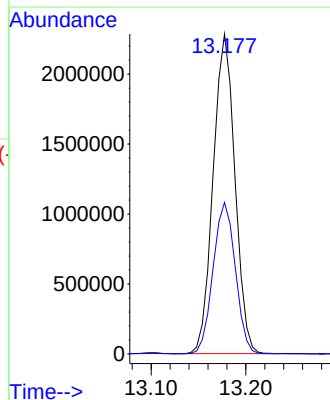
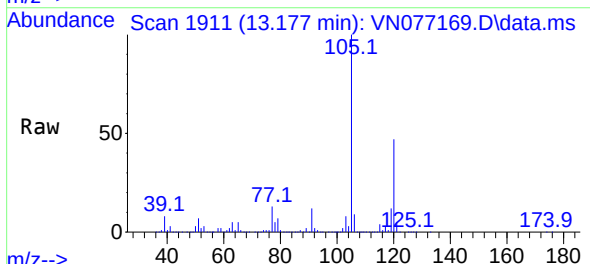
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

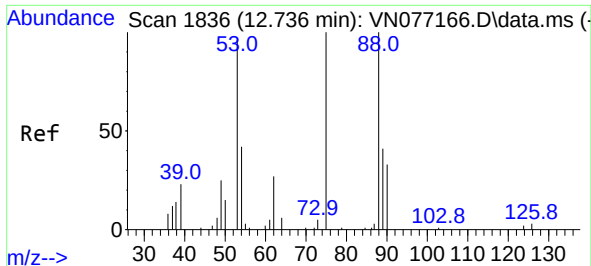
Tgt Ion: 91 Resp: 2992237
Ion Ratio Lower Upper
91 100
126 32.4 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 154.384 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion:105 Resp: 3651191
Ion Ratio Lower Upper
105 100
120 48.3 0.0 103.2

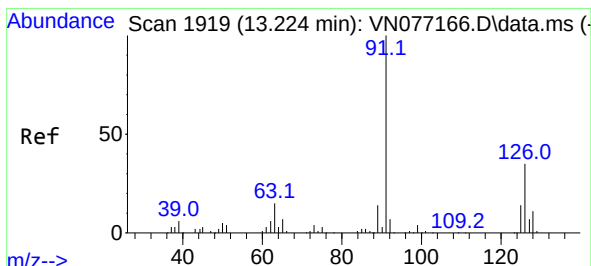
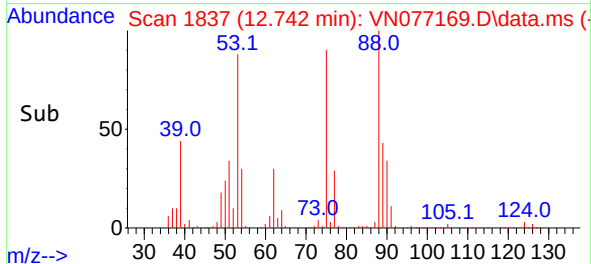
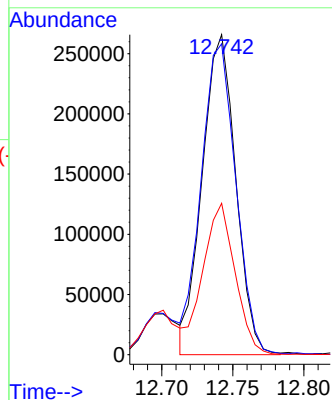
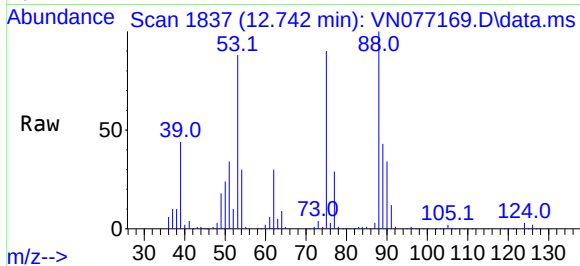




#77
t-1,4-Dichloro-2-butene
Concen: 186.195 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

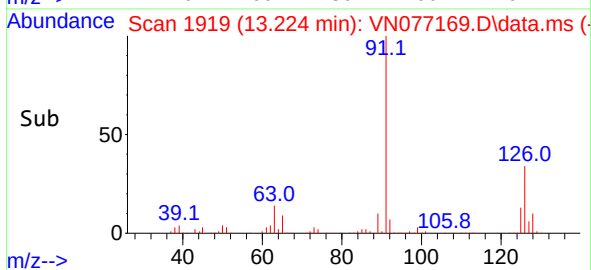
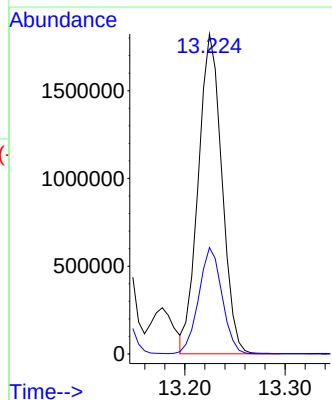
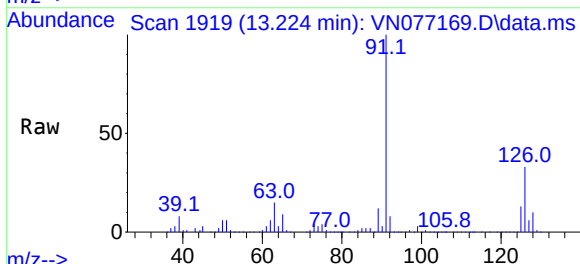
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

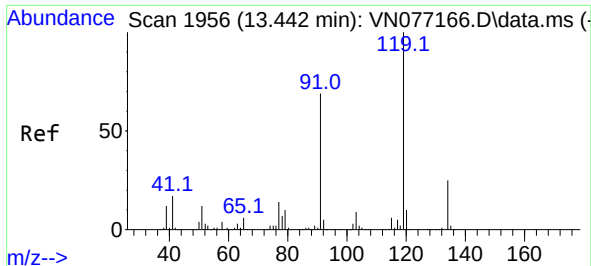
Tgt Ion: 75 Resp: 435476
Ion Ratio Lower Upper
75 100
53 97.2 50.4 151.3
89 47.4 22.1 66.5



#78
4-Chlorotoluene
Concen: 155.983 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 91 Resp: 2986832
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6

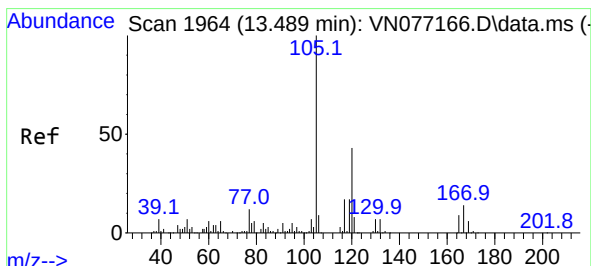
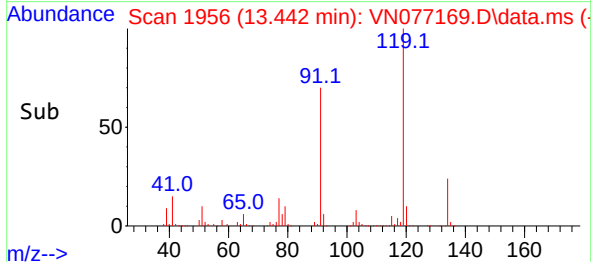
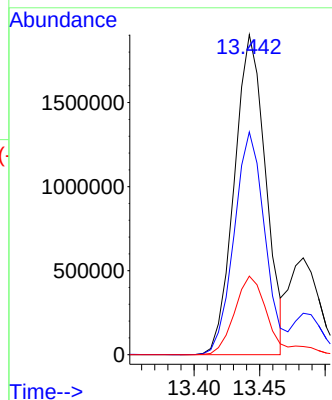
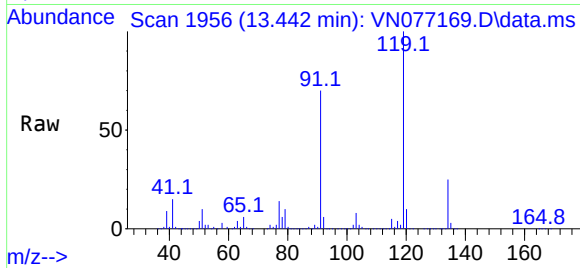




#79
tert-butylbenzene
Concen: 159.806 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

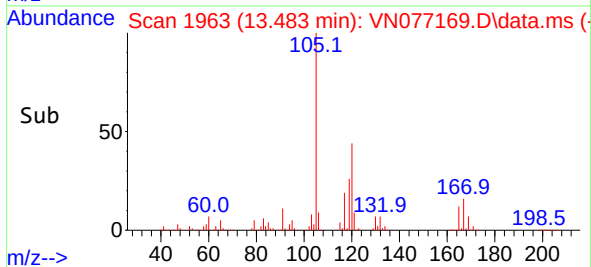
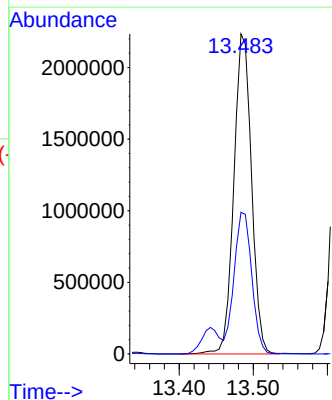
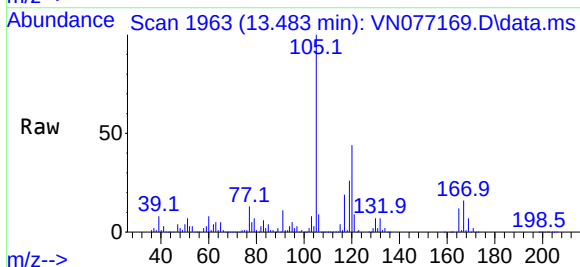
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

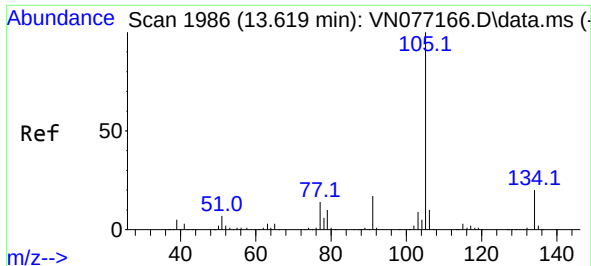
Tgt Ion:119 Resp: 3165562
Ion Ratio Lower Upper
119 100
91 69.0 0.0 129.6
134 24.8 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 159.619 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion:105 Resp: 3694337
Ion Ratio Lower Upper
105 100
120 44.2 0.0 93.2

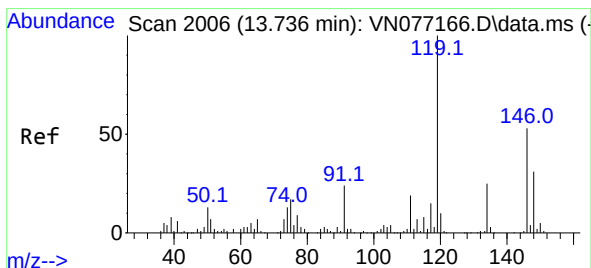
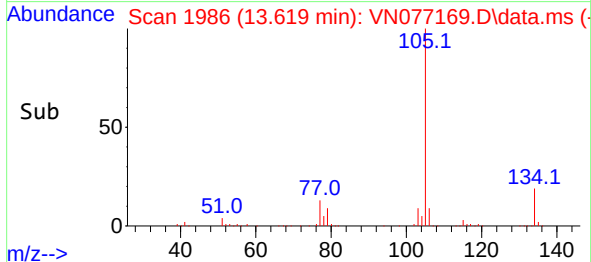
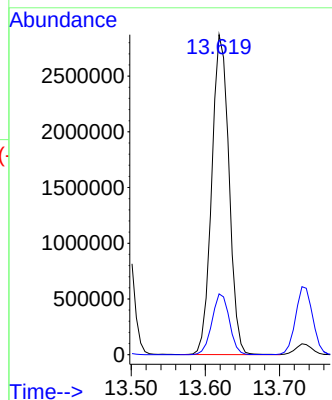
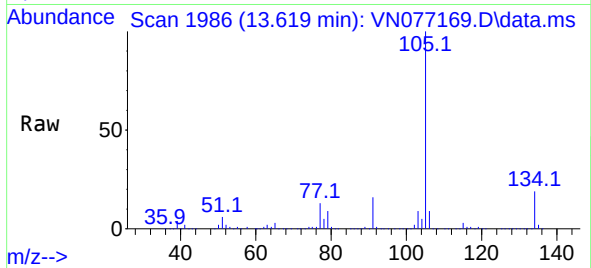




#81
 sec-Butylbenzene
 Concen: 164.248 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077169.D
 Acq: 24 Mar 2023 00:11

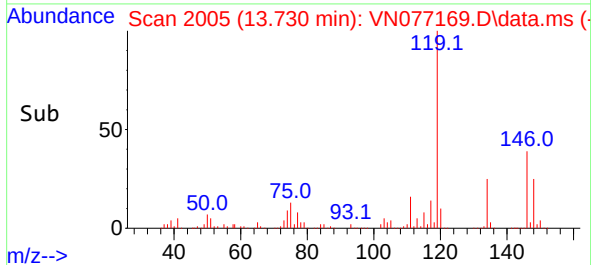
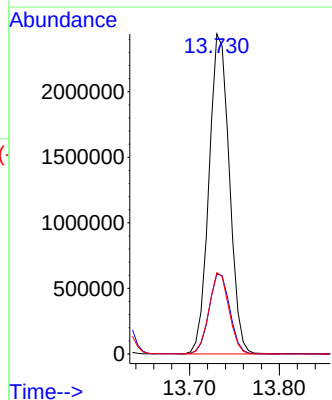
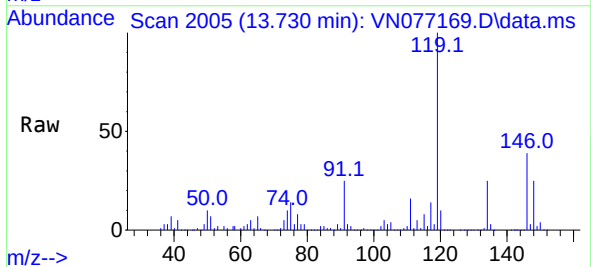
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

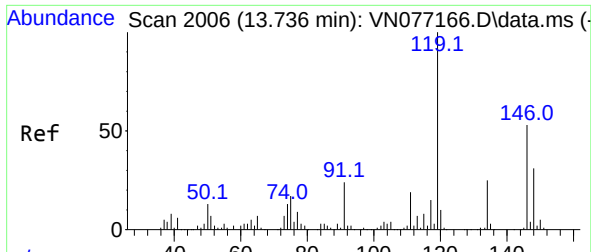
Tgt Ion:105 Resp: 4627511
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 169.769 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077169.D
 Acq: 24 Mar 2023 00:11

Tgt Ion:119 Resp: 3849863
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 53.4
 91 24.9 0.0 47.2

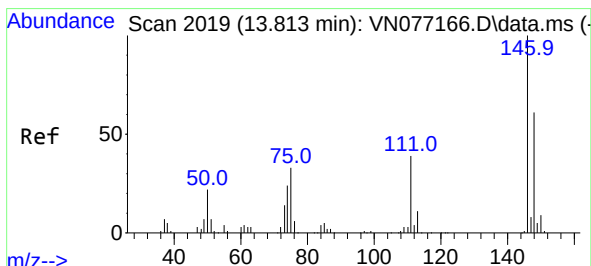
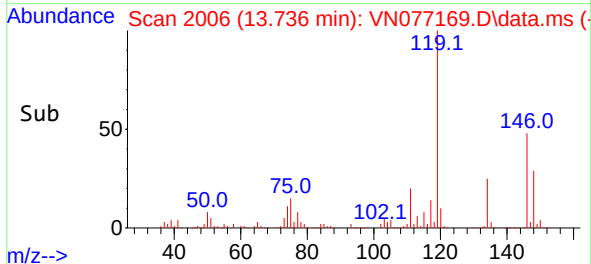
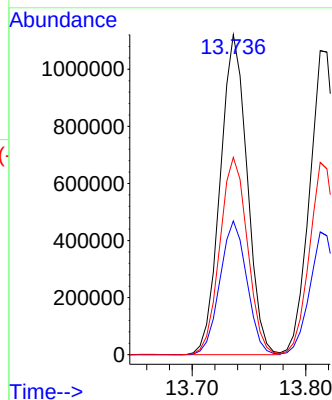
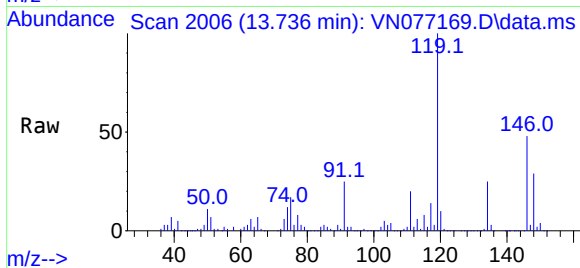




#83
1,3-Dichlorobenzene
Concen: 161.259 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

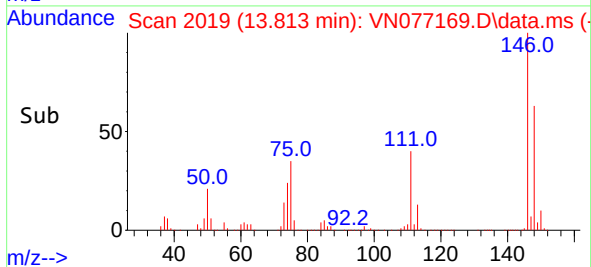
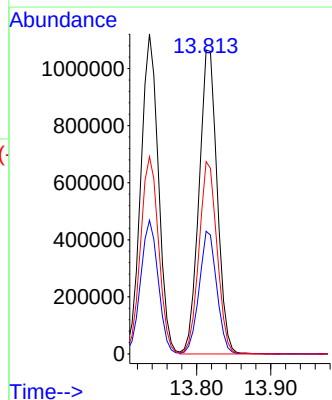
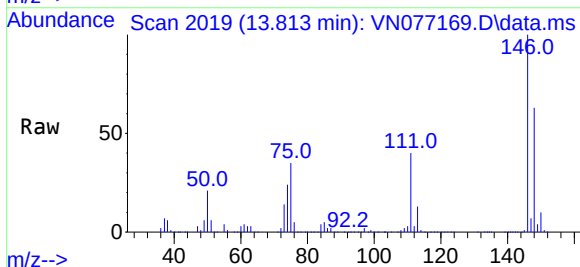
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

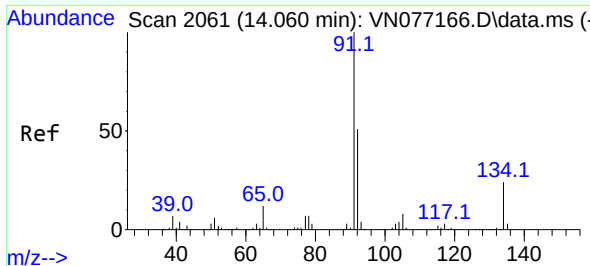
Tgt Ion:146 Resp: 1848784
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.8
148 63.2 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 163.493 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion:146 Resp: 1812376
Ion Ratio Lower Upper
146 100
111 39.1 18.2 54.6
148 62.9 31.1 93.2



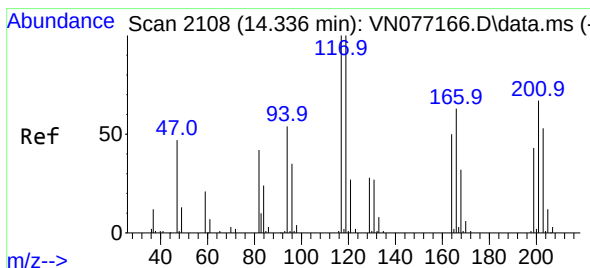
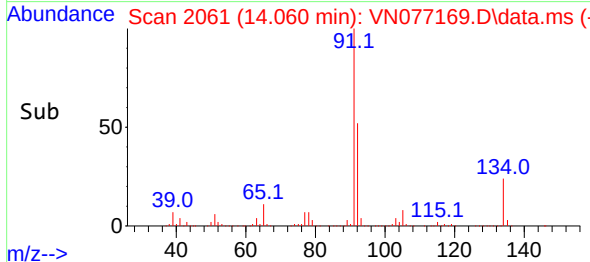
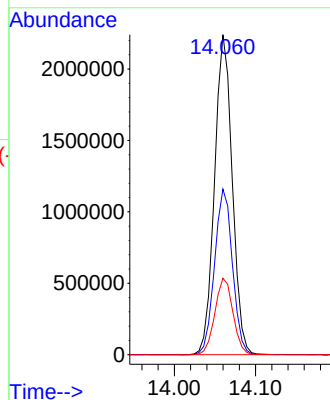
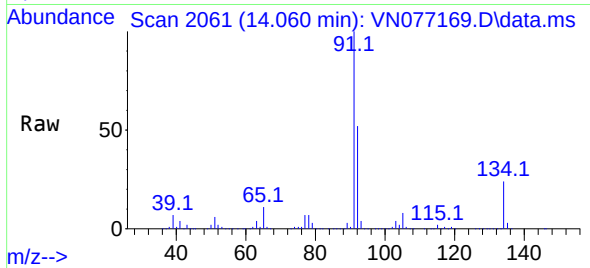


#85
n-Butylbenzene
Concen: 177.811 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 3397802

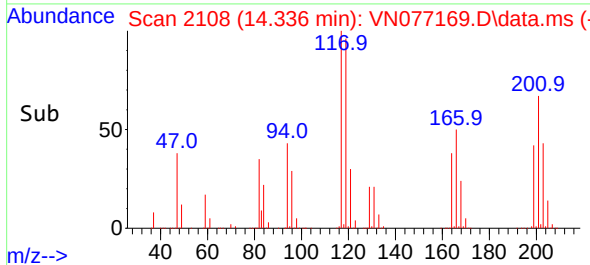
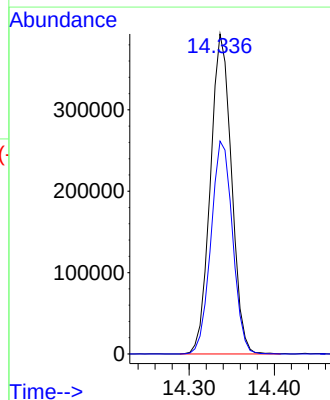
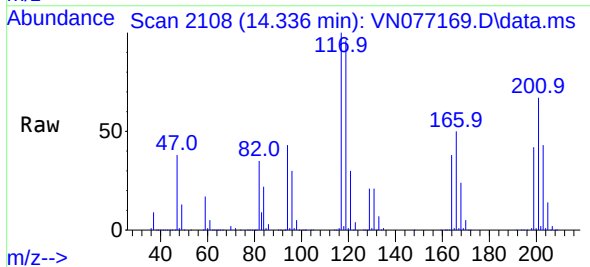
Ion	Ratio	Lower	Upper
91	100		
92	52.4	0.0	103.2
134	24.4	0.0	50.0

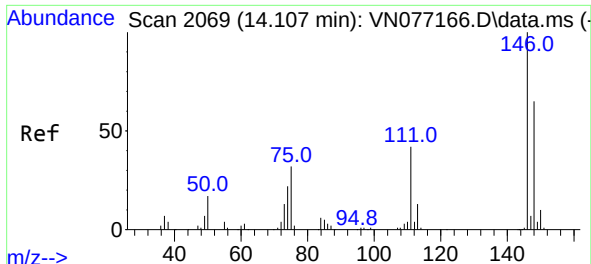


#86
Hexachloroethane
Concen: 164.027 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 117 Resp: 677125

Ion	Ratio	Lower	Upper
117	100		
201	68.0	32.2	96.6

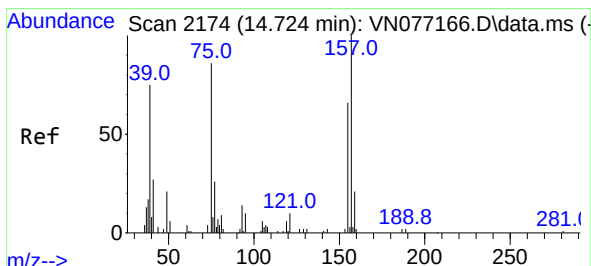
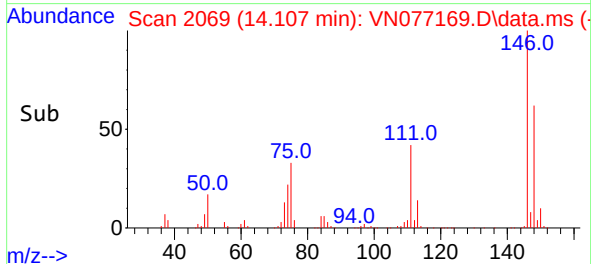
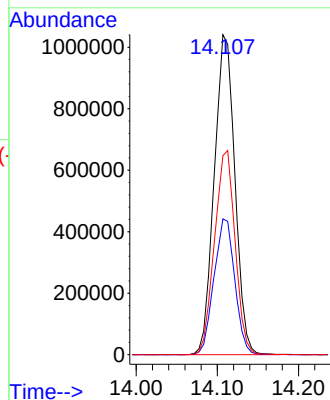
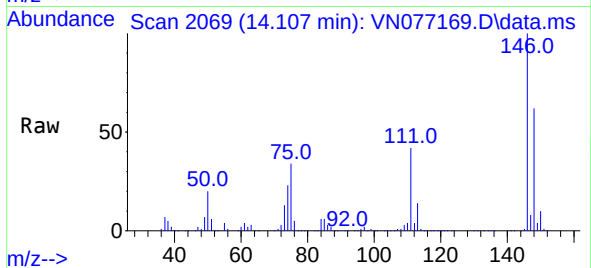




#87
1,2-Dichlorobenzene
Concen: 161.745 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

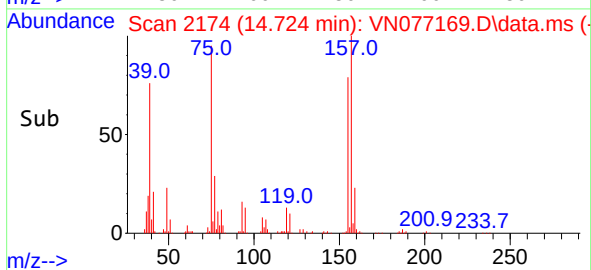
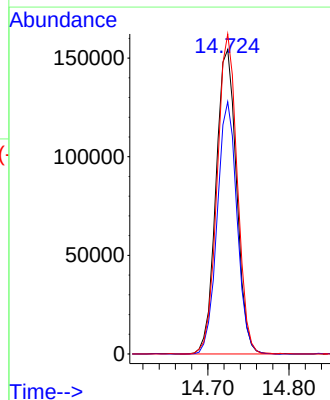
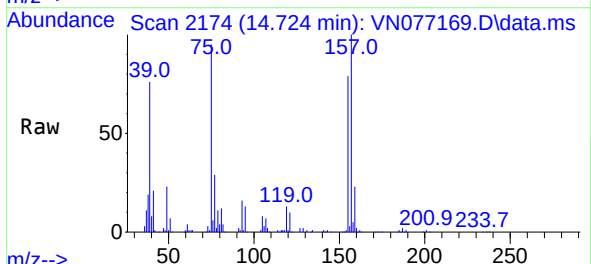
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

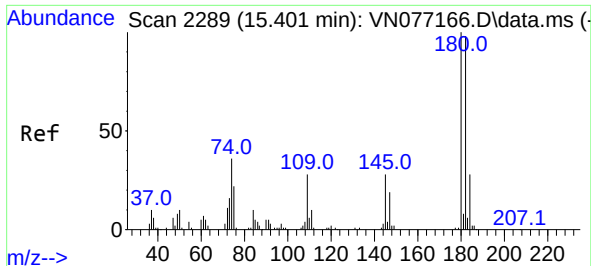
Tgt Ion:146 Resp: 1844017
Ion Ratio Lower Upper
146 100
111 42.7 20.5 61.6
148 63.7 32.5 97.5



#88
1,2-Dibromo-3-Chloropropane
Concen: 165.245 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion: 75 Resp: 271756
Ion Ratio Lower Upper
75 100
155 79.8 62.5 93.7
157 102.4 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 159.809 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

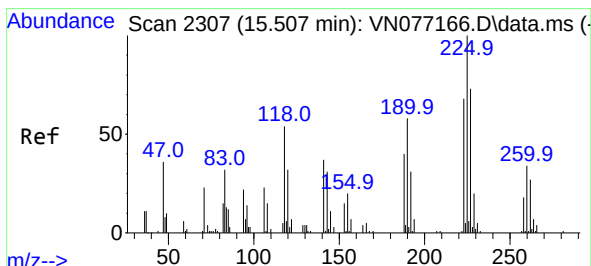
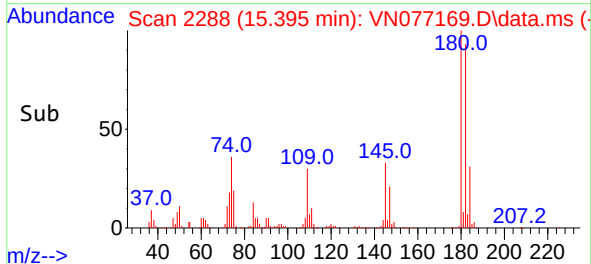
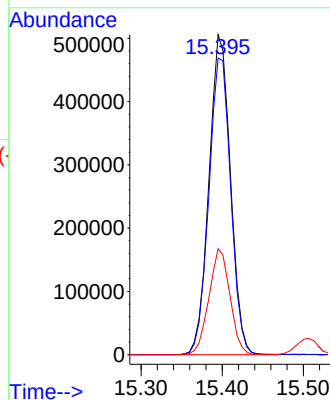
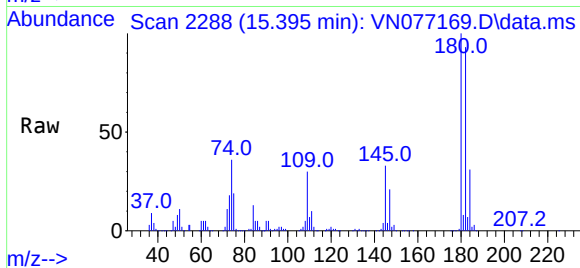
Tgt Ion:180 Resp: 929616

Ion Ratio Lower Upper

180 100

182 94.3 76.6 115.0

145 32.4 24.6 36.8



#90

Hexachlorobutadiene

Concen: 137.793 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.000 min

Lab File: VN077169.D

Acq: 24 Mar 2023 00:11

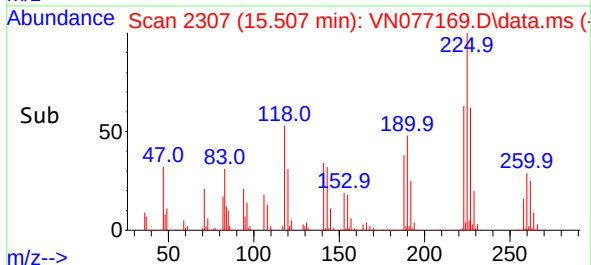
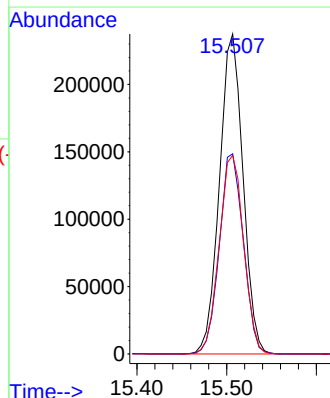
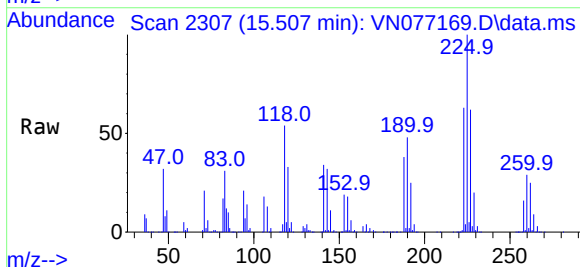
Tgt Ion:225 Resp: 432056

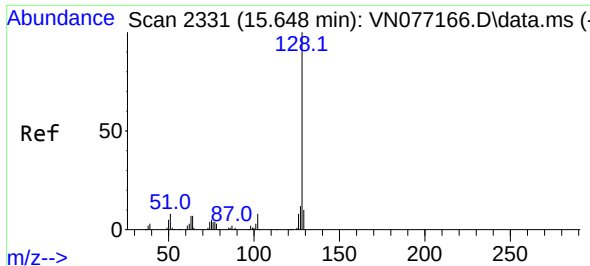
Ion Ratio Lower Upper

225 100

223 63.8 0.0 135.4

227 64.4 0.0 129.4

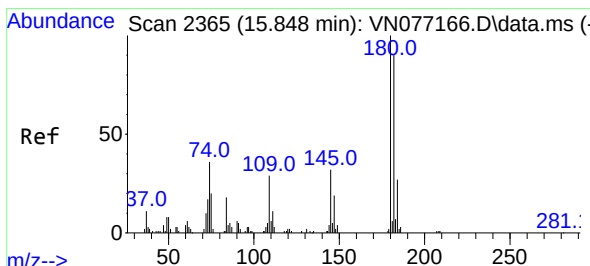
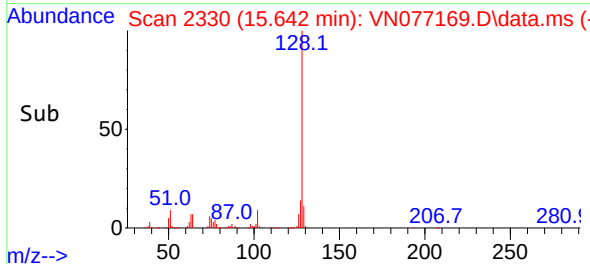
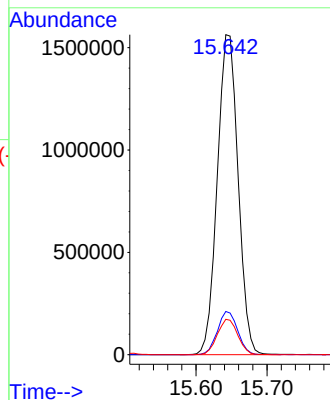
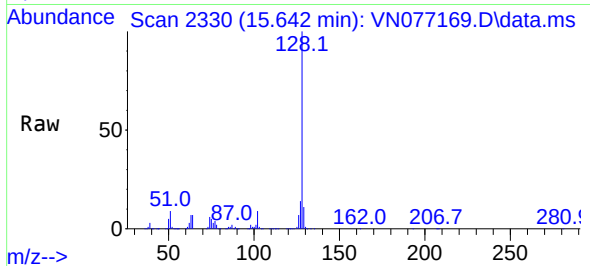




#91
Naphthalene
Concen: 171.777 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 3173028
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.6
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 153.959 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN077169.D
Acq: 24 Mar 2023 00:11

Tgt Ion:180 Resp: 898150
Ion Ratio Lower Upper
180 100
182 95.4 0.0 190.8
145 34.3 0.0 65.0

