

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069921.D
 Acq On : 9 Dec 2021 19:19
 Operator : JC/MD
 Sample : M4969-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-10

Quant Time: Dec 10 06:21:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1239350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2254963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2580959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1197608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	940814	49.166	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.340%
35) Dibromofluoromethane	8.021	113	688651	48.755	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.520%
50) Toluene-d8	10.440	98	2989762	52.716	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.440%
62) 4-Bromofluorobenzene	12.728	95	1329036	64.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	129.360%

Target Compounds						Qvalue
3) Chloromethane	2.301	50	3959	0.219	ug/l #	80
11) Tert butyl alcohol	5.374	59	3362262	929.549	ug/l	99
13) Acrolein	3.998	56	22012	7.146	ug/l #	1
14) Allyl chloride	4.961	41	36625	1.377	ug/l #	54
15) Acrylonitrile	5.613	53	10317	1.059	ug/l #	1
16) Acetone	4.291	43	86743	7.536	ug/l	91
18) Methyl Acetate	4.867	43	8990	0.259	ug/l #	81
19) Methyl tert-butyl Ether	5.621	73	1270030	27.668	ug/l #	62
22) Diisopropyl ether	6.498	45	194974	3.750	ug/l	89
23) Vinyl Acetate	6.498	43	114472	2.706	ug/l #	72
25) 2-Butanone	7.351	43	25920	1.657	ug/l #	82
28) Bromochloromethane	7.847	49	5128	0.366	ug/l #	9
29) Tetrahydrofuran	7.691	42	8420	0.887	ug/l #	77
30) Chloroform	7.844	83	12528	0.461	ug/l #	37
31) Cyclohexane	8.096	56	508393	19.091	ug/l	89
36) 1,1-Dichloropropene	8.086	75	106309	4.952	ug/l #	49
37) Ethyl Acetate	7.351	43	25920	0.811	ug/l #	68
38) Carbon Tetrachloride	8.088	117	124488	5.914	ug/l #	16
39) Methylcyclohexane	9.459	83	180740	7.078	ug/l	88
40) Benzene	8.458	78	20811398	317.174	ug/l	94
41) Methacrylonitrile	7.775	41	14576	0.972	ug/l #	36
42) 1,2-Dichloroethane	8.461	62	216521	8.175	ug/l	85
43) Isopropyl Acetate	8.536	43	174688	3.695	ug/l #	55
47) Bromodichloromethane	9.748	83	6474	0.296	ug/l #	25
51) 4-Methyl-2-Pentanone	10.443	43	18634	0.608	ug/l #	1
52) Toluene	10.505	92	391745	9.779	ug/l	99
53) t-1,3-Dichloropropene	10.711	75	98	2.798	ug/l #	55
54) cis-1,3-Dichloropropene	10.175	75	173	2.005	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	19018	1.177	ug/l #	22
56) Ethyl methacrylate	10.690	69	4859	2.431	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.030	63	1981	18.612	ug/l #	45
59) 2-Hexanone	11.130	43	61006	2.629	ug/l	73
60) Dibromochloromethane	11.454	129	291	2.392	ug/l	78
67) Ethyl Benzene	11.843	91	1295473	13.621	ug/l	97
68) m/p-Xylenes	11.948	106	3004038	86.745	ug/l	93
69) o-Xylene	12.278	106	103998	2.981	ug/l	93

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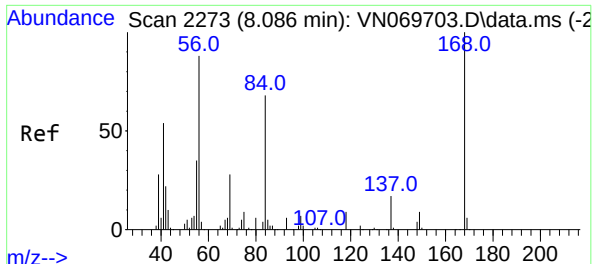
Instrument :
 MSVOA_N
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

71) Bromoform	12.460	173	64	2.735	ug/l #	29
73) Isopropylbenzene	12.578	105	2391140	22.441	ug/l	99
74) N-amyl acetate	12.353	43	20266	0.430	ug/l #	30
75) 1,1,2,2-Tetrachloroethane	12.849	83	20722	0.562	ug/l #	36
76) 1,2,3-Trichloropropane	12.919	75	48170	1.403	ug/l #	1
78) n-propylbenzene	12.919	91	6838201	57.672	ug/l	96
79) 2-Chlorotoluene	12.919	91	6838201	91.272	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	188503	2.198	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.575	75	33371	6.983	ug/l #	73
82) 4-Chlorotoluene	12.919	91	6838201	97.053	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.366	105	135730	1.662	ug/l	98
85) sec-Butylbenzene	13.501	105	203806	1.979	ug/l #	68
86) p-Isopropyltoluene	13.560	119	24479	0.304	ug/l #	50
89) n-Butylbenzene	13.940	91	230445	3.528	ug/l #	78
90) Hexachloroethane	14.217	117	99936	7.070	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.538	75	6256	0.940	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.271	180	487	2.901	ug/l #	12
95) Naphthalene	15.504	128	4937736	81.628	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	304	2.451	ug/l #	1

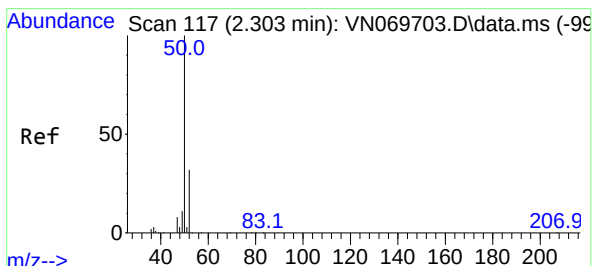
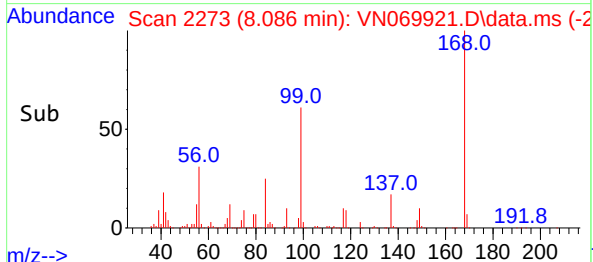
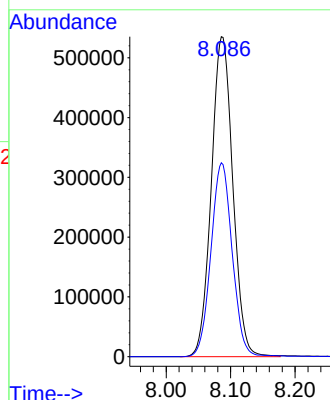
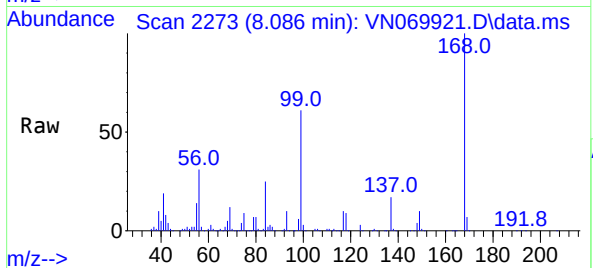
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069921.D
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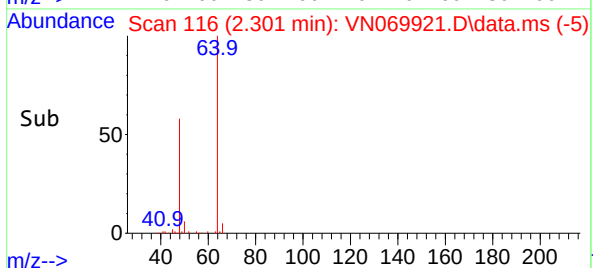
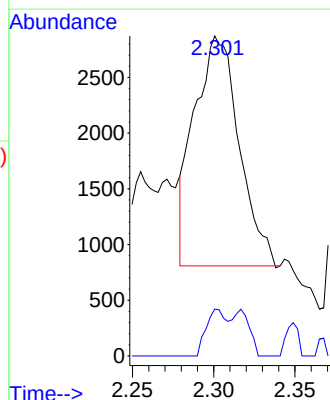
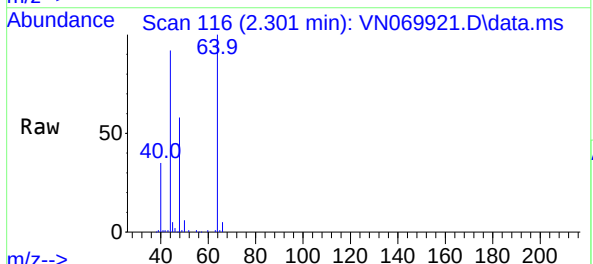
Instrument :
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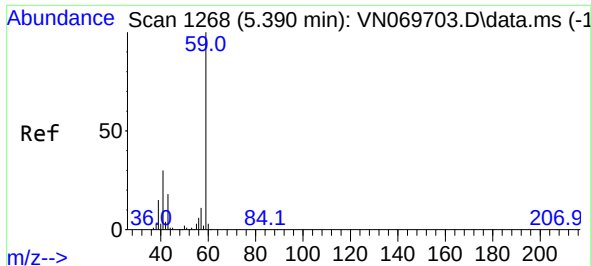
Tgt Ion:168 Resp: 1239350
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 50 Resp: 3959
Ion Ratio Lower Upper
50 100
52 20.4 25.4 38.0#

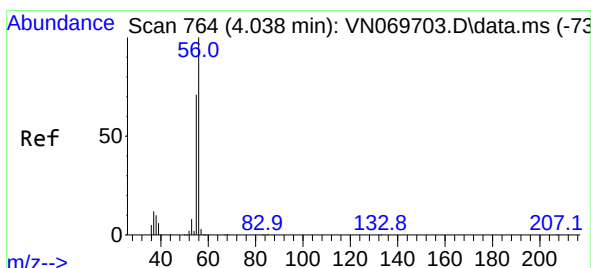
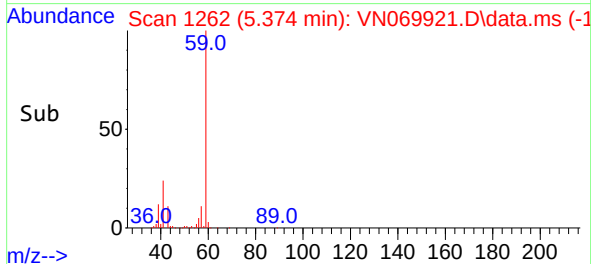
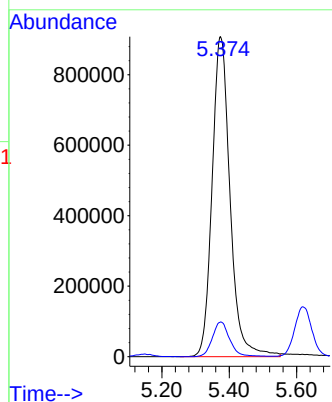
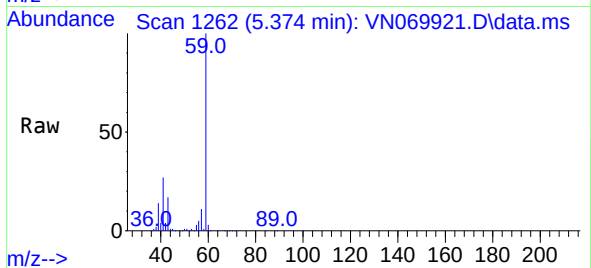




#11
Tert butyl alcohol
Concen: 929.549 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

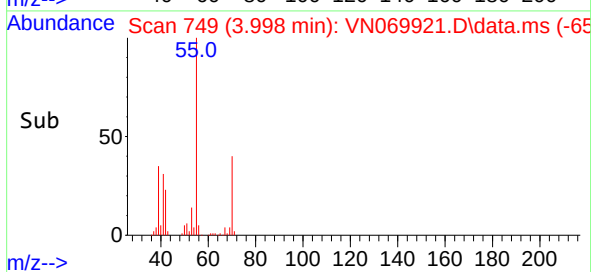
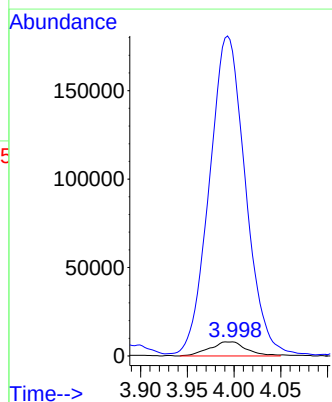
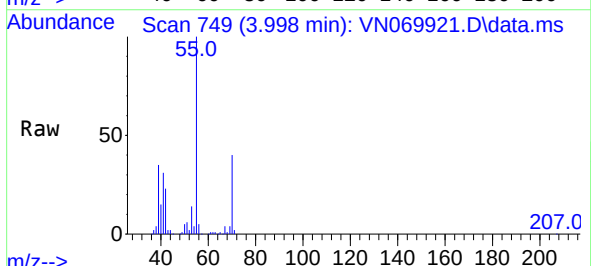
Instrument :
MSVOA_N
ClientSampleId :
M-10

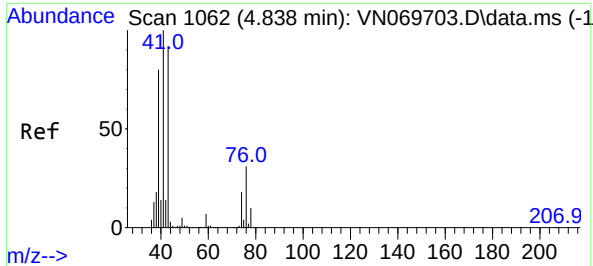
Tgt Ion: 59 Resp: 3362262
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1



#13
Acrolein
Concen: 7.146 ug/l
RT: 3.998 min Scan# 749
Delta R.T. -0.040 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 56 Resp: 22012
Ion Ratio Lower Upper
56 100
55 2197.4 56.6 85.0#

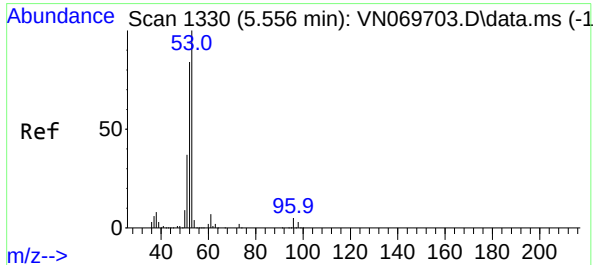
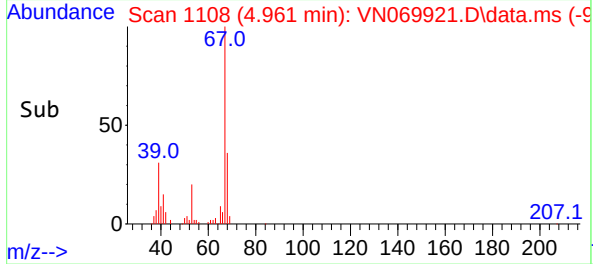
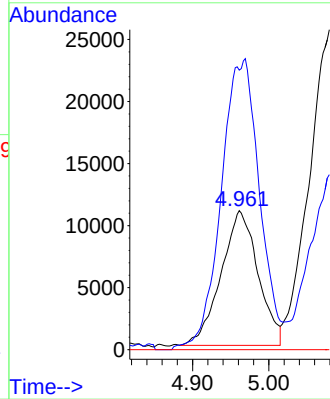
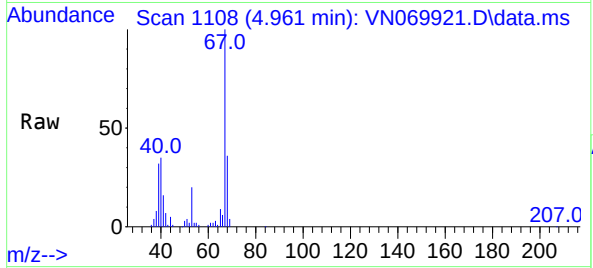




#14
 Allyl chloride
 Concen: 1.377 ug/l
 RT: 4.961 min Scan# 1108
 Delta R.T. 0.123 min
 Lab File: VN069921.D
 Acq: 9 Dec 2021 19:19

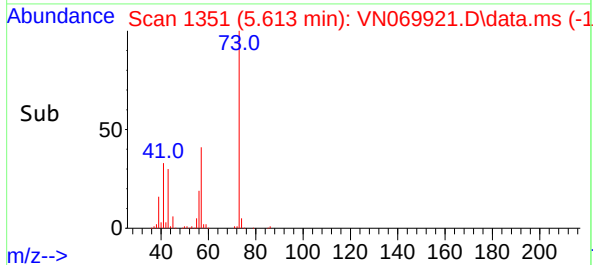
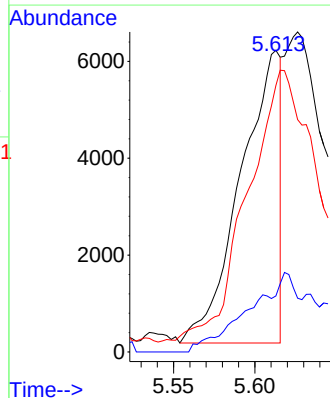
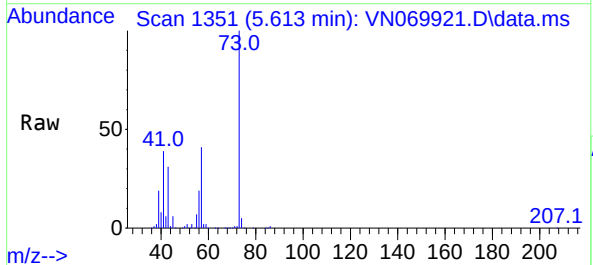
Instrument :
 MSVOA_N
 ClientSampleId :
 M-10

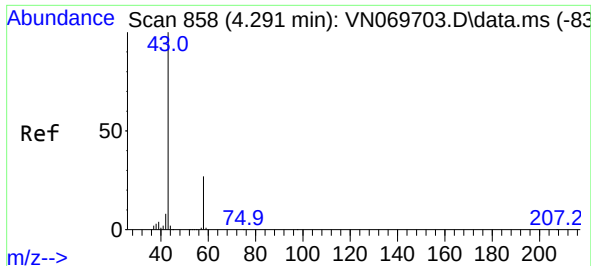
Tgt Ion:	41	Resp:	36625
Ion	Ratio	Lower	Upper
41	100		
39	111.3	61.2	91.8#
76	0.0	26.0	39.0#



#15
 Acrylonitrile
 Concen: 1.059 ug/l
 RT: 5.613 min Scan# 1351
 Delta R.T. 0.056 min
 Lab File: VN069921.D
 Acq: 9 Dec 2021 19:19

Tgt Ion:	53	Resp:	10317
Ion	Ratio	Lower	Upper
53	100		
52	33.2	66.2	99.2#
51	189.0	29.6	44.4#

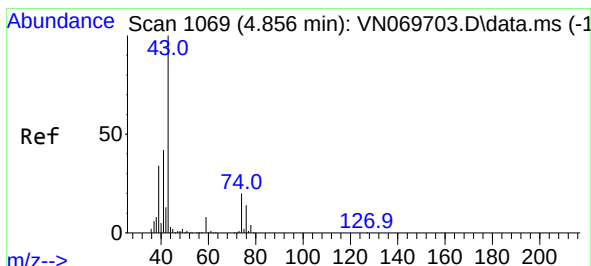
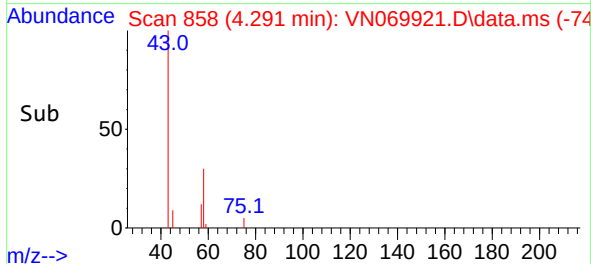
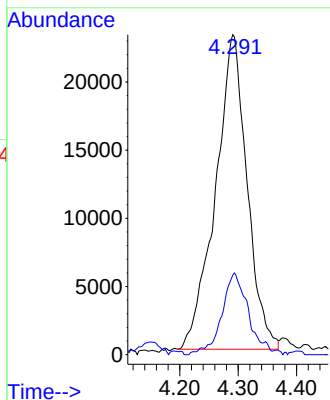
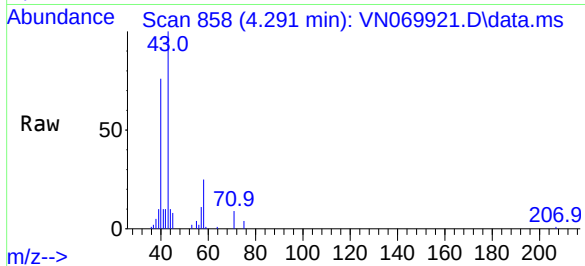




#16
Acetone
Concen: 7.536 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

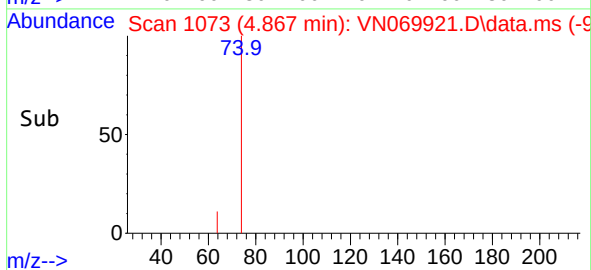
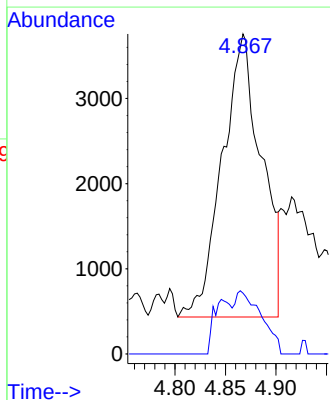
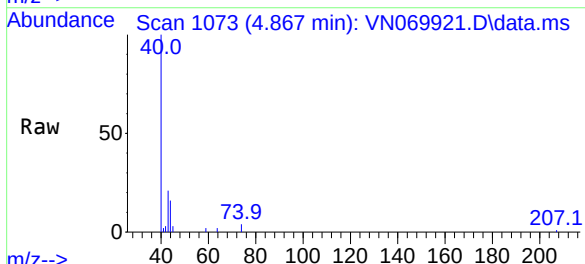
Instrument :
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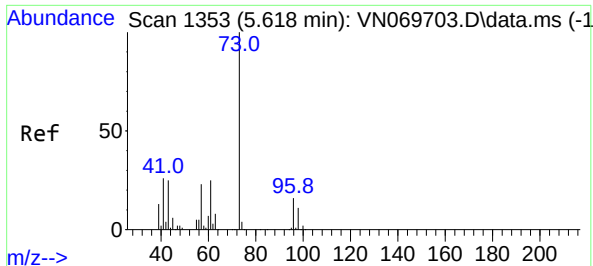
Tgt Ion: 43 Resp: 86743
Ion Ratio Lower Upper
43 100
58 24.3 23.1 34.7



#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.011 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 43 Resp: 8990
Ion Ratio Lower Upper
43 100
74 15.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 27.668 ug/l

RT: 5.621 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN069921.D

Acq: 9 Dec 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

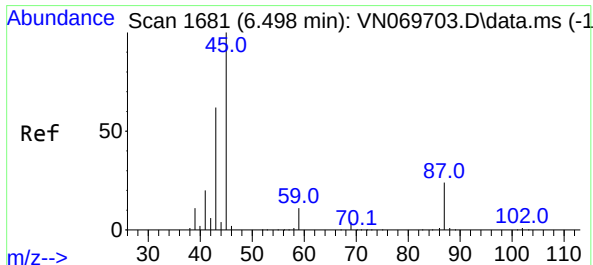
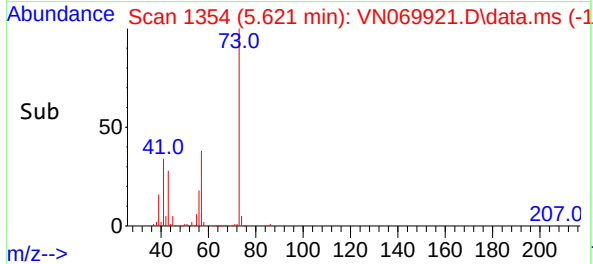
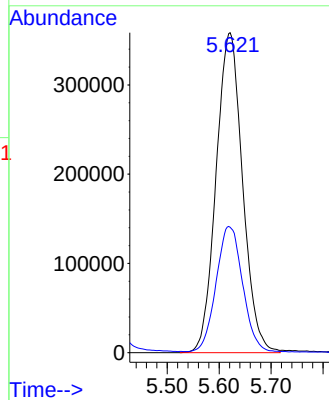
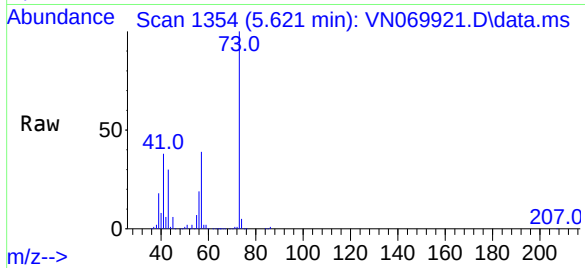
M-10

Tgt Ion: 73 Resp: 1270030

Ion Ratio Lower Upper

73 100

57 38.8 16.8 25.2#



#22

Diisopropyl ether

Concen: 3.750 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN069921.D

Acq: 9 Dec 2021 19:19

Tgt Ion: 45 Resp: 194974

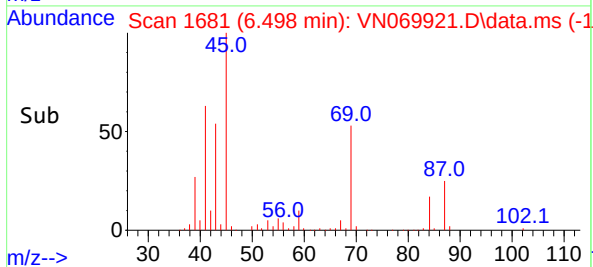
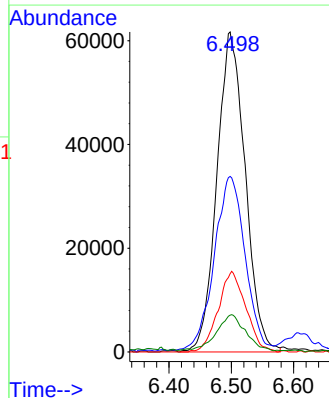
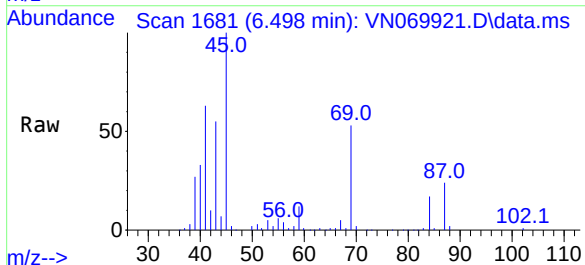
Ion Ratio Lower Upper

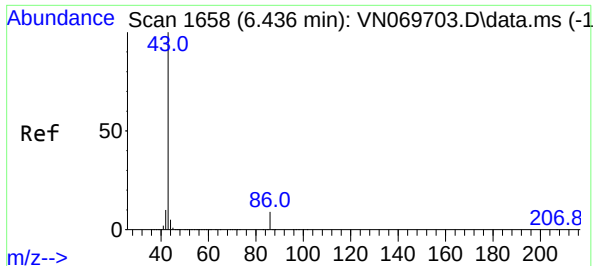
45 100

43 54.0 51.7 77.5

87 24.5 23.2 34.8

59 11.1 9.4 14.0

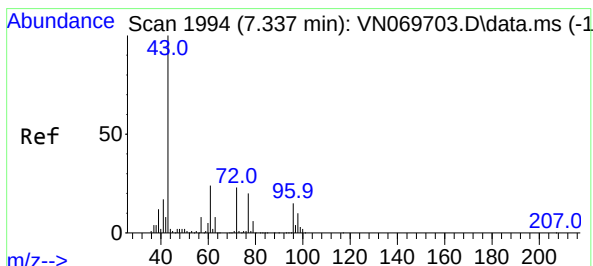
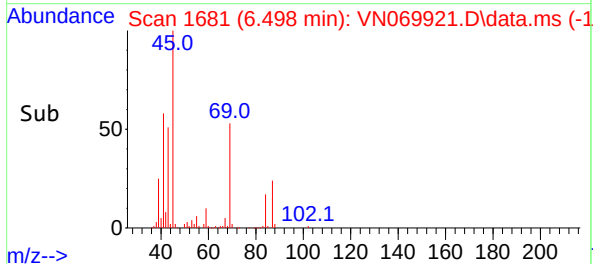
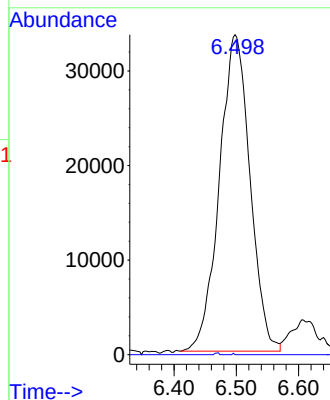
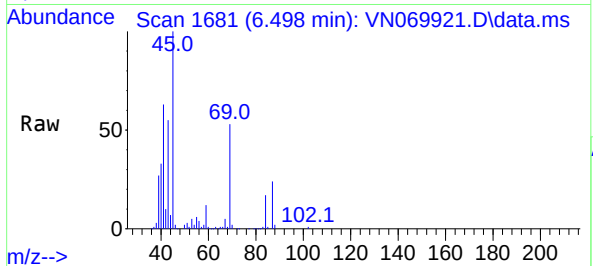




#23
 Vinyl Acetate
 Concen: 2.706 ug/l
 RT: 6.498 min Scan# 11
 Delta R.T. 0.062 min
 Lab File: VN069921.D
 Acq: 9 Dec 2021 19:19

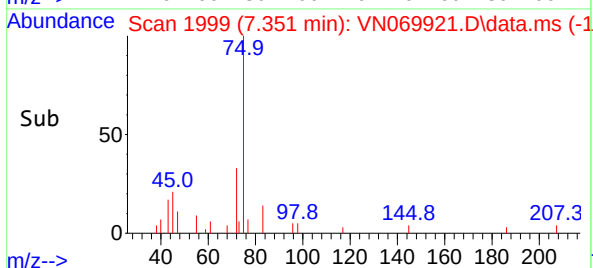
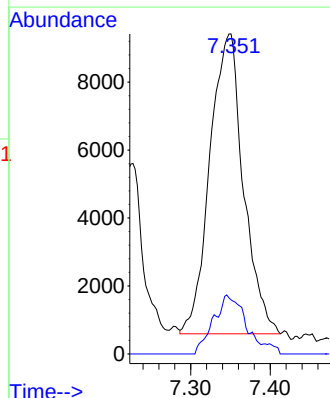
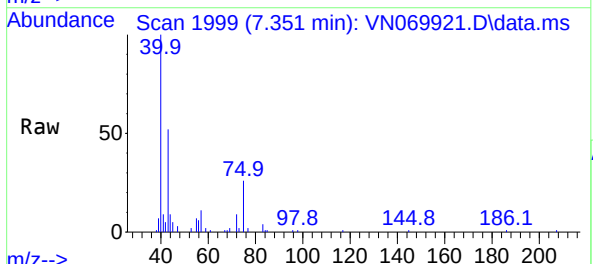
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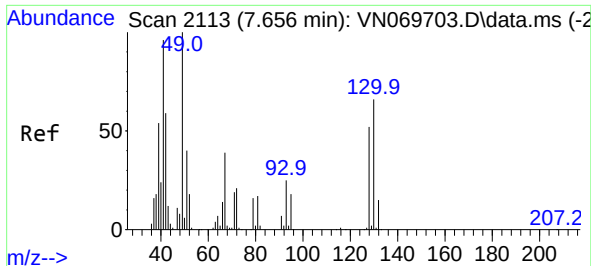
Tgt Ion: 43 Resp: 114472
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 1.657 ug/l
 RT: 7.351 min Scan# 1999
 Delta R.T. 0.014 min
 Lab File: VN069921.D
 Acq: 9 Dec 2021 19:19

Tgt Ion: 43 Resp: 25920
 Ion Ratio Lower Upper
 43 100
 72 18.0 21.7 32.5#

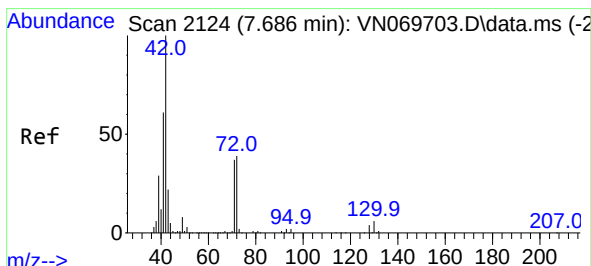
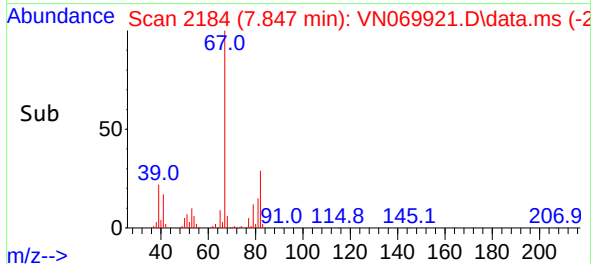
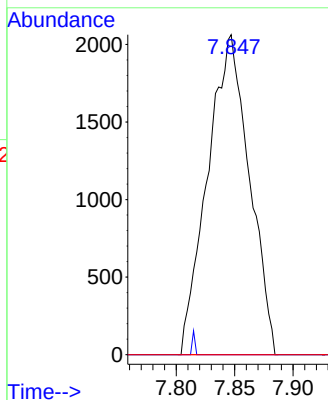
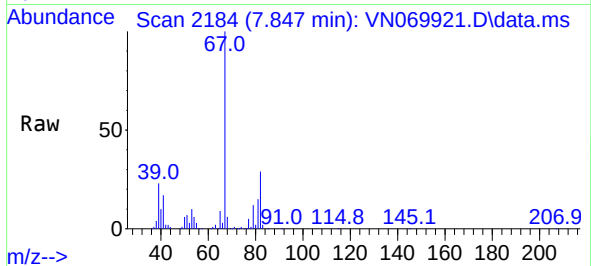




#28
Bromochloromethane
Concen: 0.366 ug/l
RT: 7.847 min Scan# 2113
Delta R.T. 0.191 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

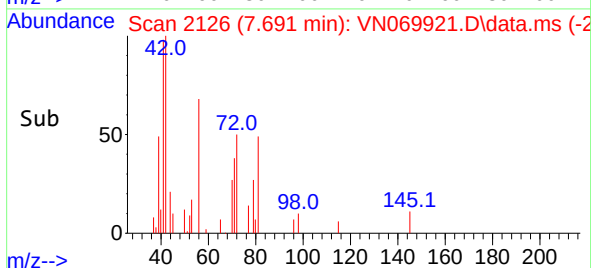
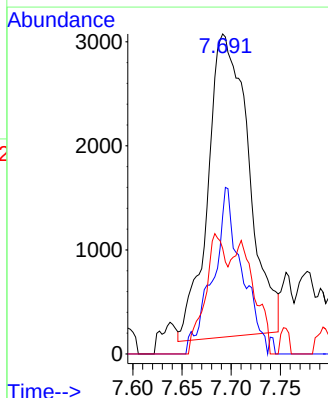
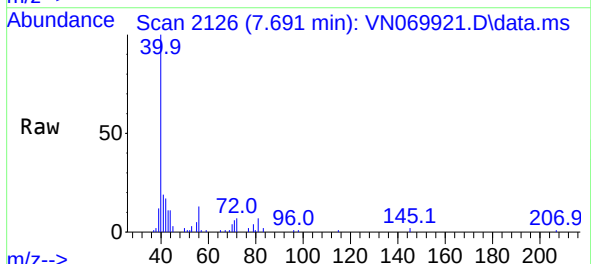
Instrument :
MSVOA_N
ClientSampleId :
M-10

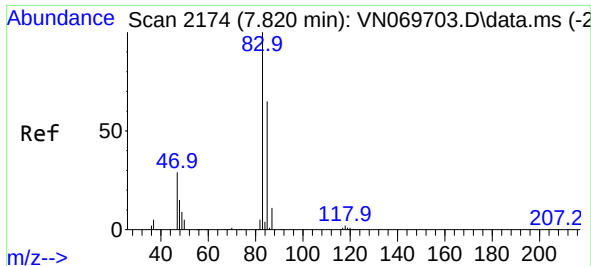
Tgt Ion: 49 Resp: 5128
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 67.8 101.8#



#29
Tetrahydrofuran
Concen: 0.887 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.005 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 42 Resp: 8420
Ion Ratio Lower Upper
42 100
72 38.6 36.3 54.5
71 20.3 34.7 52.1#

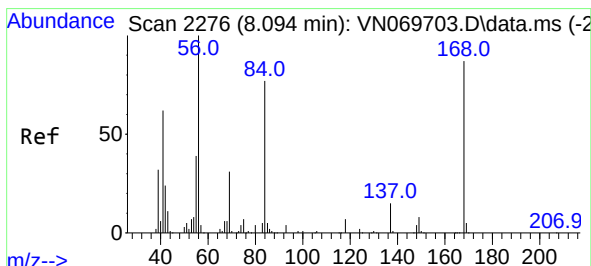
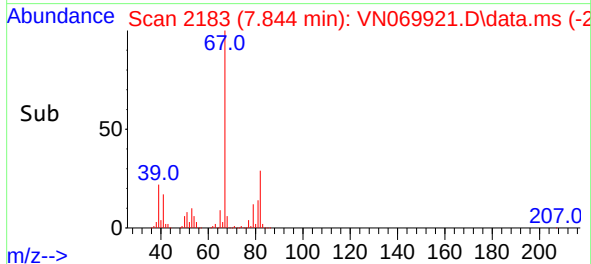
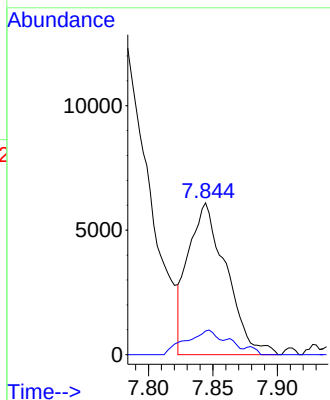
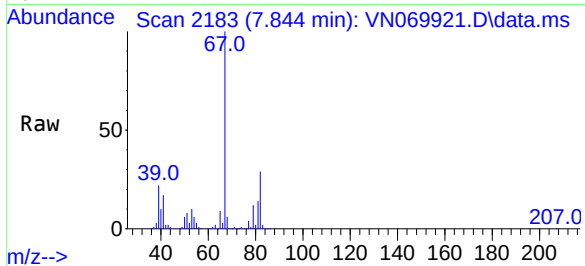




#30
Chloroform
Concen: 0.461 ug/l
RT: 7.844 min Scan# 2183
Delta R.T. 0.024 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

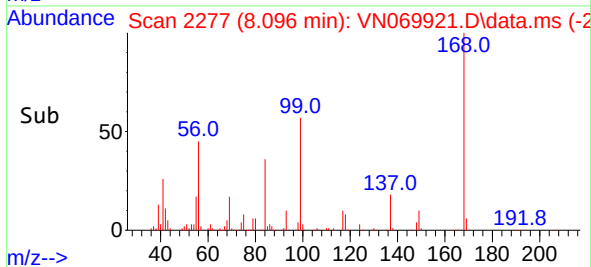
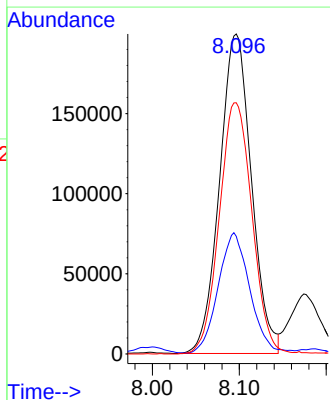
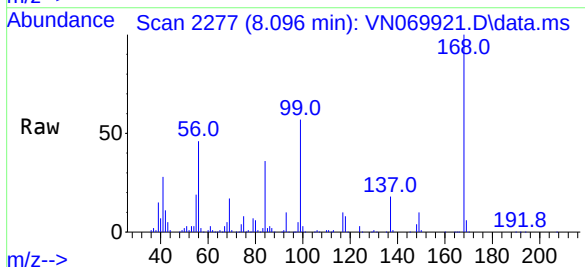
Instrument :
MSVOA_N
ClientSampleId :
M-10

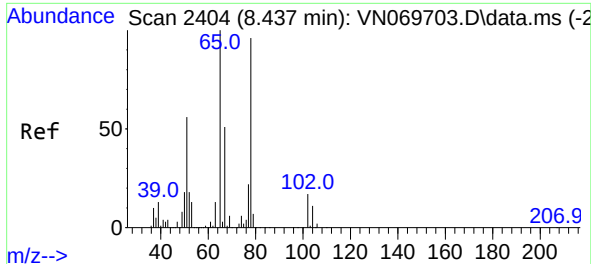
Tgt Ion: 83 Resp: 12528
Ion Ratio Lower Upper
83 100
85 15.6 51.9 77.9#



#31
Cyclohexane
Concen: 19.091 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 56 Resp: 508393
Ion Ratio Lower Upper
56 100
69 36.4 27.1 40.7
84 78.7 73.4 110.0

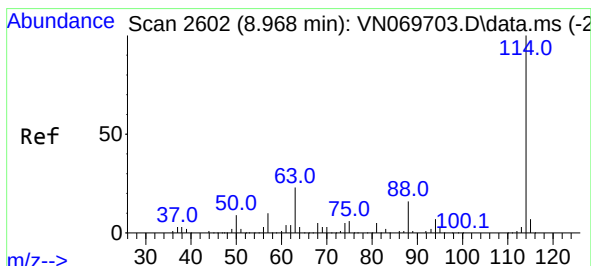
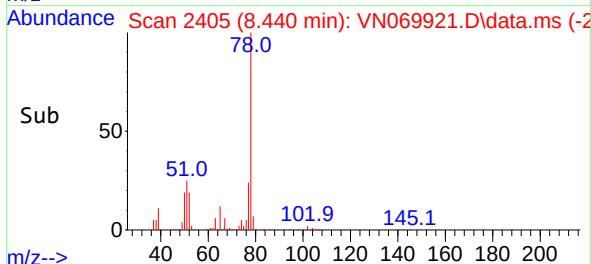
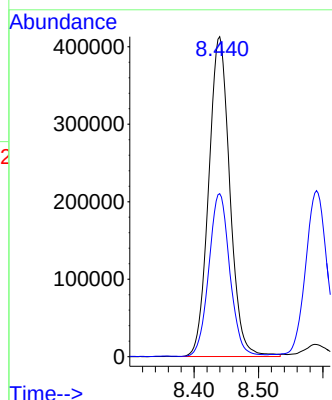
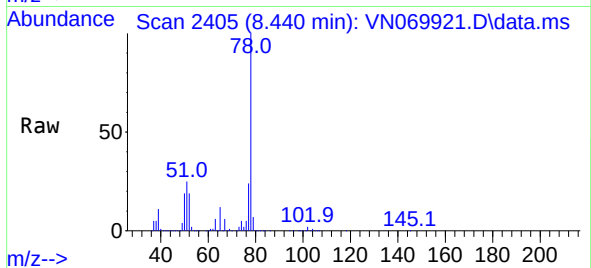




#33
1,2-Dichloroethane-d4
Concen: 49.166 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

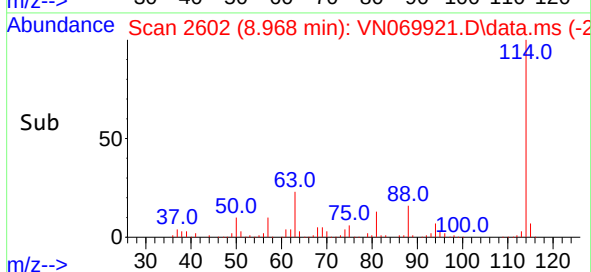
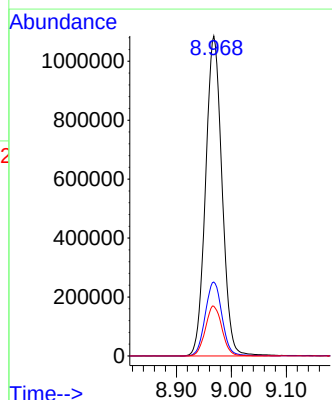
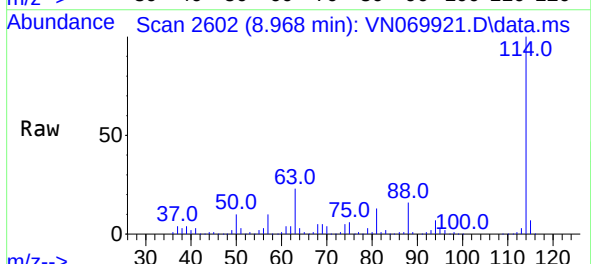
Instrument :
MSVOA_N
ClientSampleId :
M-10

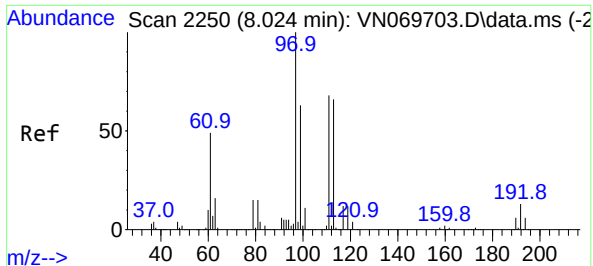
Tgt Ion: 65 Resp: 940814
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion:114 Resp: 2254963
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 15.5 0.0 27.4

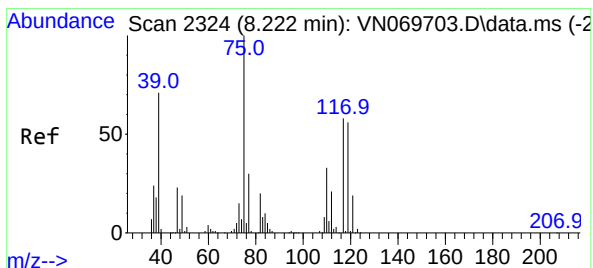
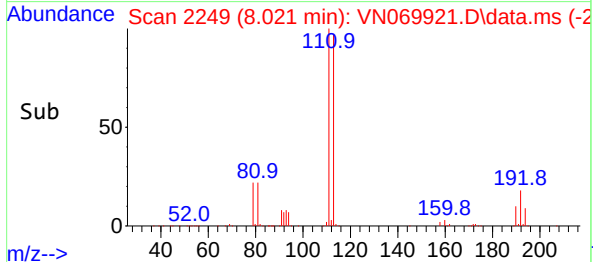
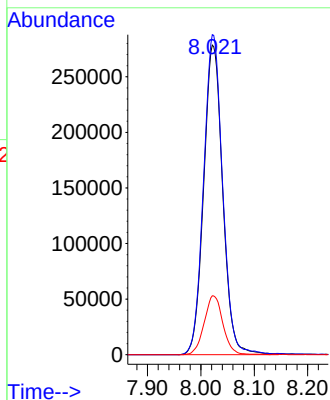
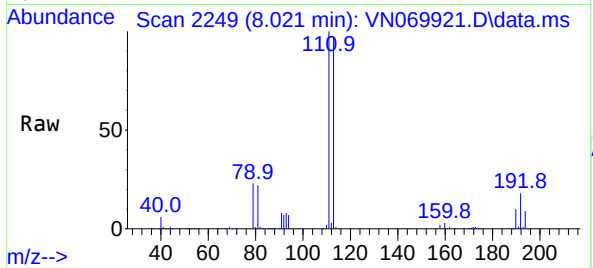




#35
Dibromofluoromethane
Concen: 48.755 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

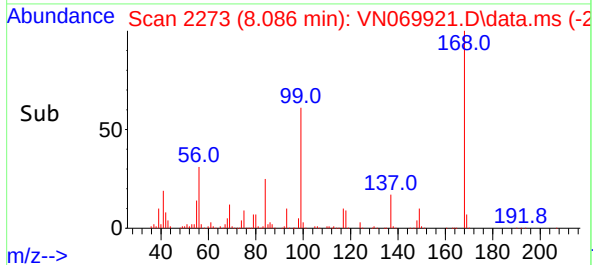
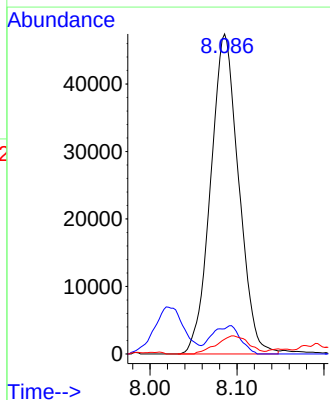
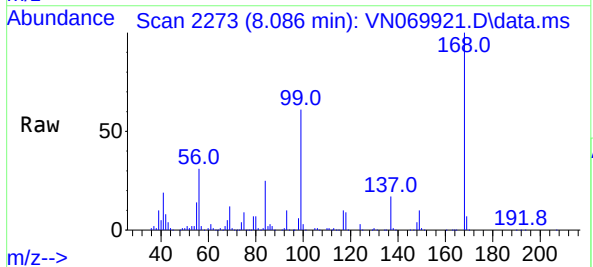
Instrument :
MSVOA_N
ClientSampleId :
M-10

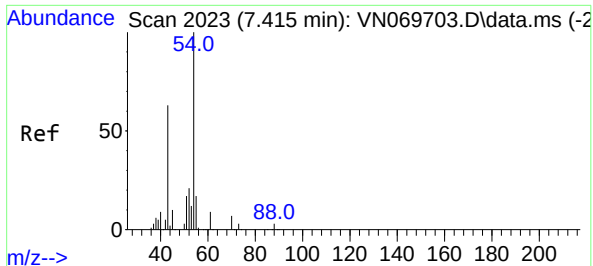
Tgt Ion:113 Resp: 688651
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.952 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 75 Resp: 106309
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.811 ug/l

RT: 7.351 min Scan# 19

Delta R.T. -0.064 min

Lab File: VN069921.D

Acq: 9 Dec 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

M-10

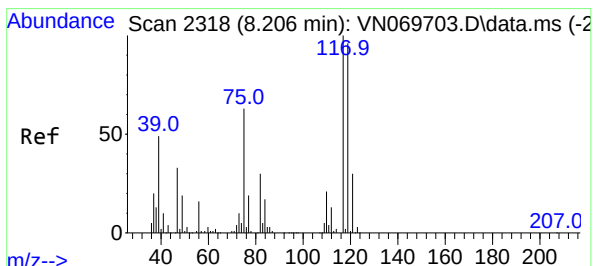
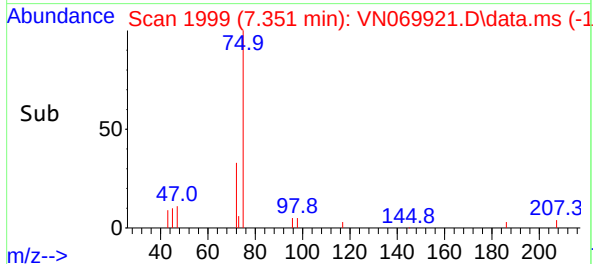
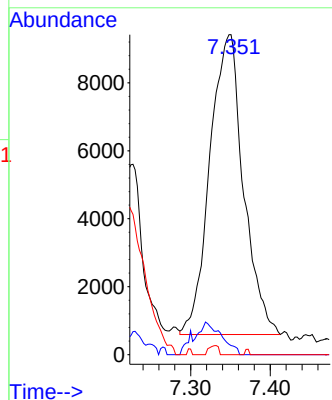
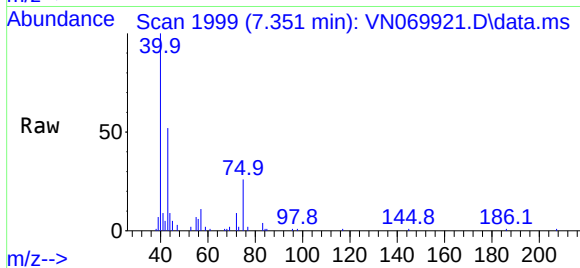
Tgt Ion: 43 Resp: 25920

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.914 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.118 min

Lab File: VN069921.D

Acq: 9 Dec 2021 19:19

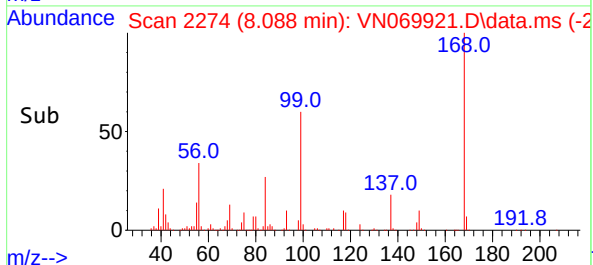
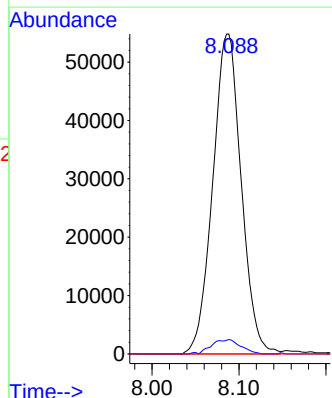
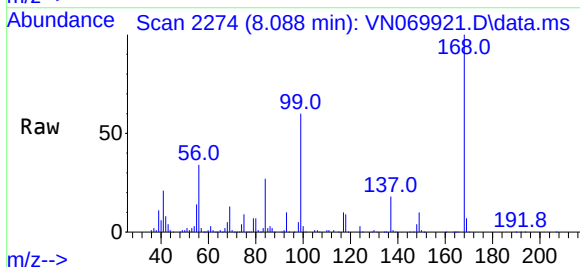
Tgt Ion: 117 Resp: 124488

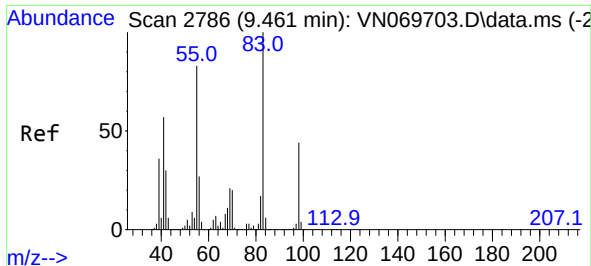
Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

121 0.0 24.2 36.2#

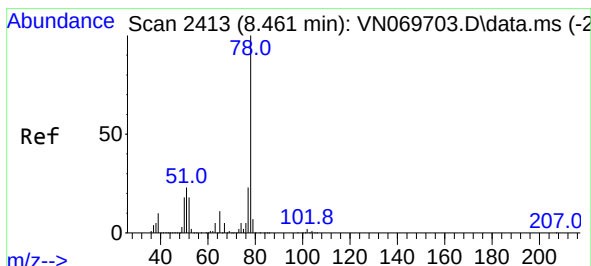
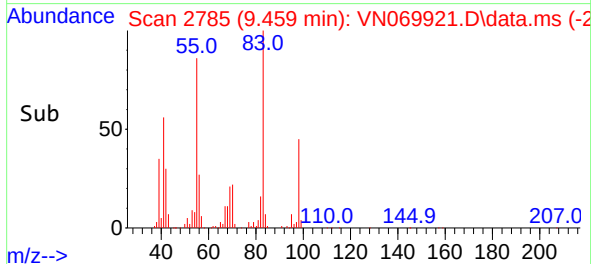
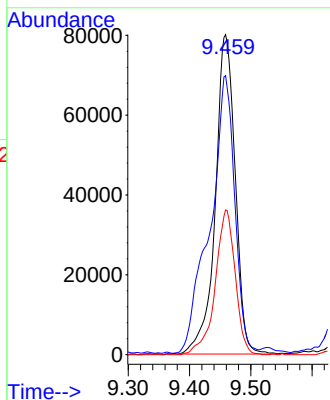
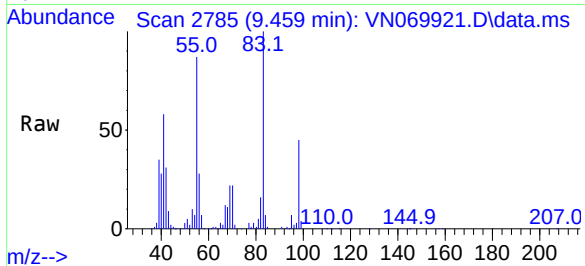




#39
Methylcyclohexane
Concen: 7.078 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

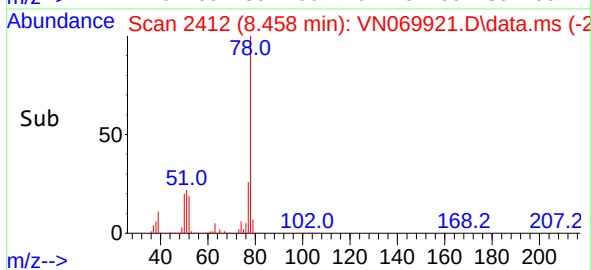
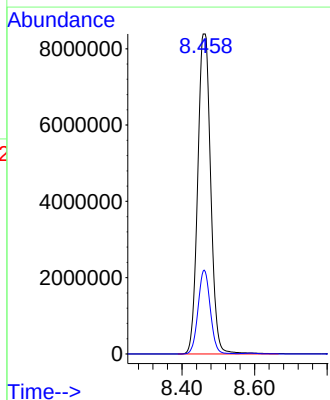
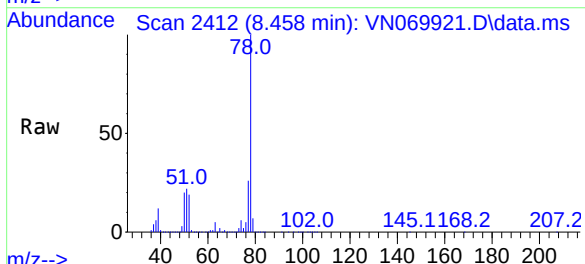
Instrument :
MSVOA_N
ClientSampleId :
M-10

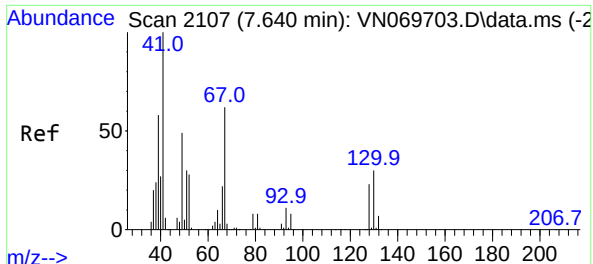
Tgt Ion: 83 Resp: 180740
Ion Ratio Lower Upper
83 100
55 86.8 58.1 87.1
98 45.3 38.4 57.6



#40
Benzene
Concen: 317.174 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 78 Resp: 20811398
Ion Ratio Lower Upper
78 100
77 25.9 18.6 27.8

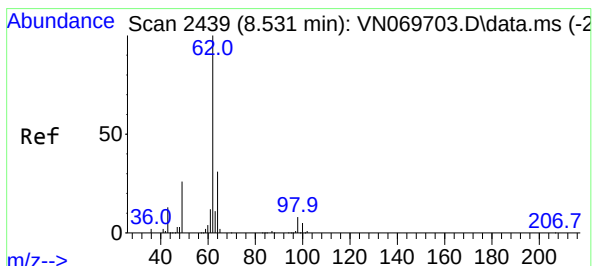
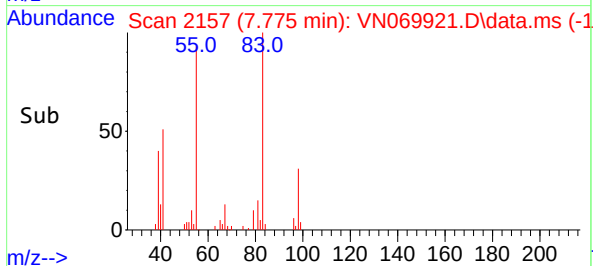
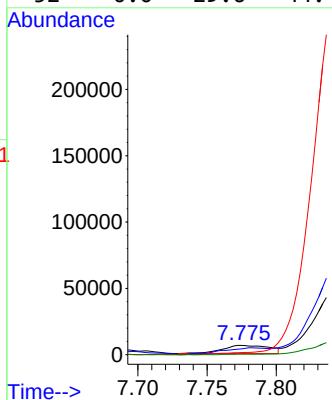
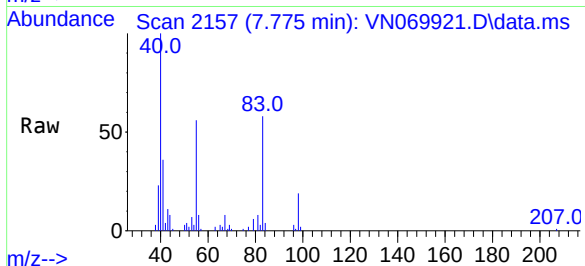




#41
Methacrylonitrile
Concen: 0.972 ug/l
RT: 7.775 min Scan# 2107
Delta R.T. 0.135 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

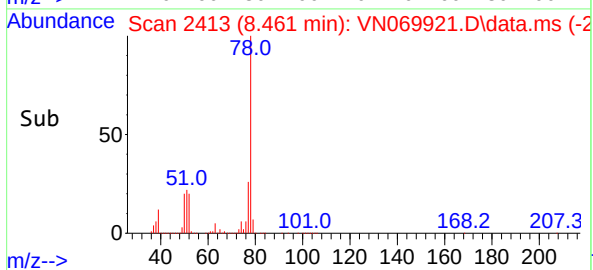
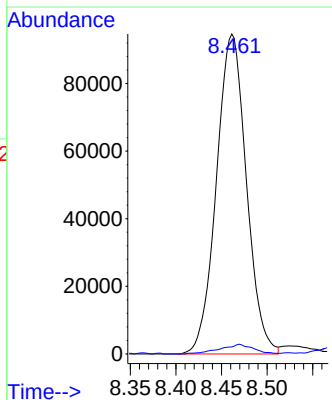
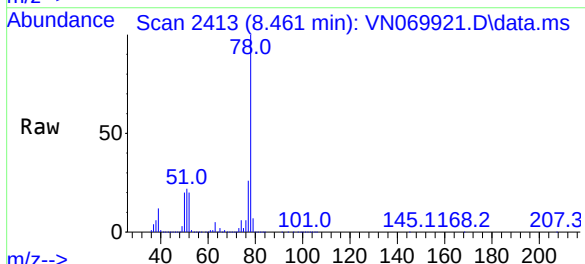
Instrument :
MSVOA_N
ClientSampleId :
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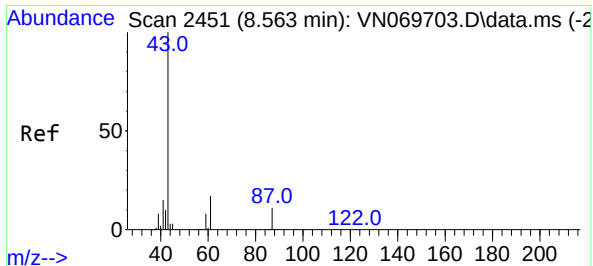
Tgt Ion:	41	Resp:	14576
Ion	Ratio	Lower	Upper
41	100		
39	77.4	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#42
1,2-Dichloroethane
Concen: 8.175 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.070 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion:	62	Resp:	216521
Ion	Ratio	Lower	Upper
62	100		
98	3.4	0.0	17.6

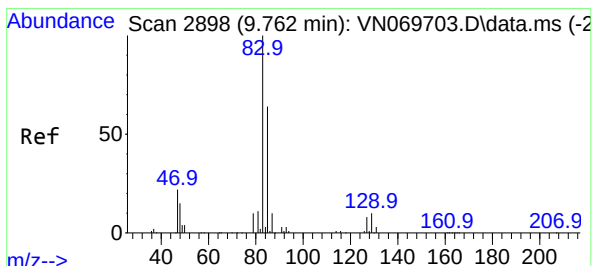
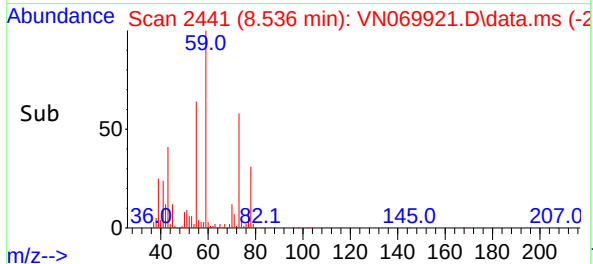
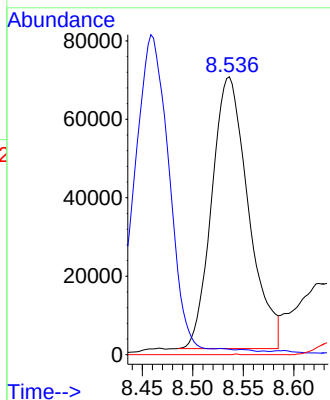
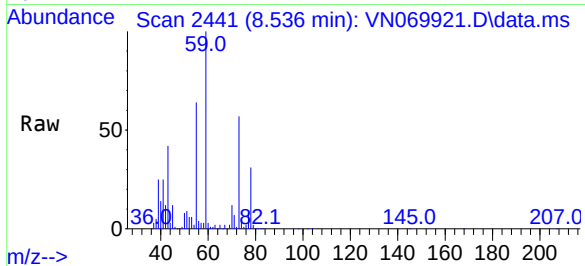




#43
Isopropyl Acetate
Concen: 3.695 ug/l
RT: 8.536 min Scan# 2451
Delta R.T. -0.027 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

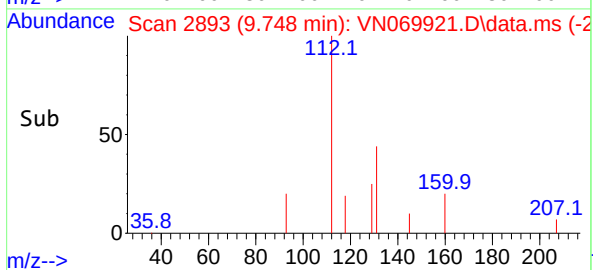
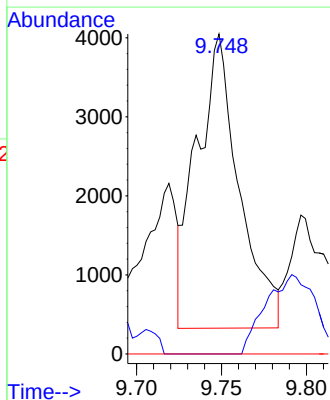
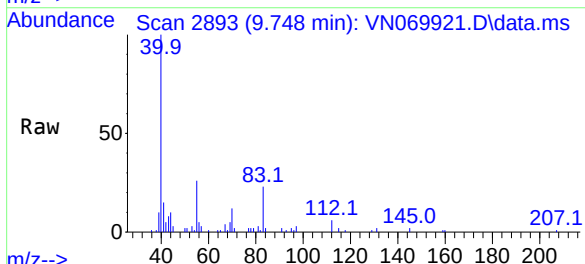
Instrument : MSVOA_N
ClientSampleId : M-10

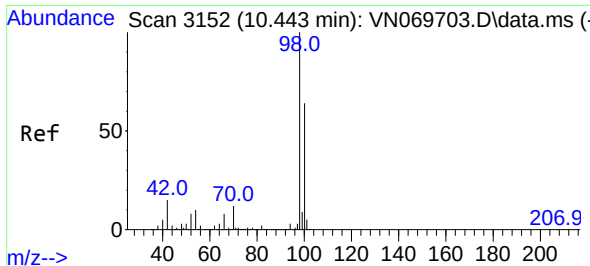
Tgt Ion: 43 Resp: 174688
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.296 ug/l
RT: 9.748 min Scan# 2893
Delta R.T. -0.013 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 83 Resp: 6474
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

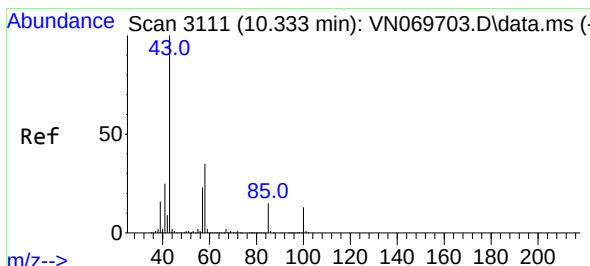
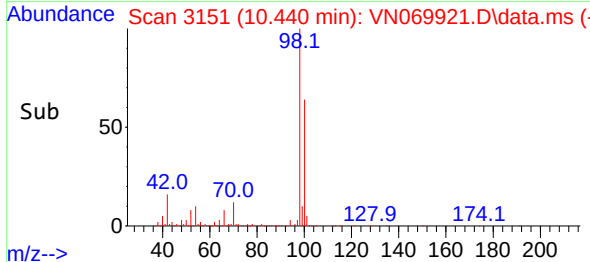
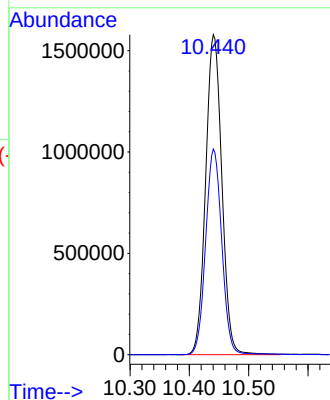
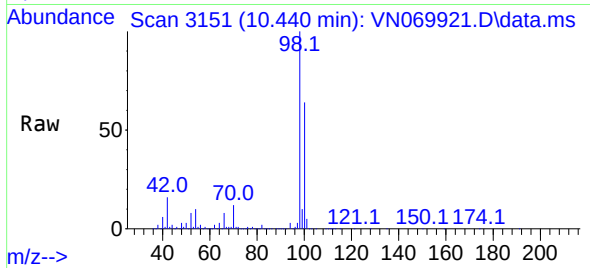




#50
Toluene-d8
Concen: 52.716 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

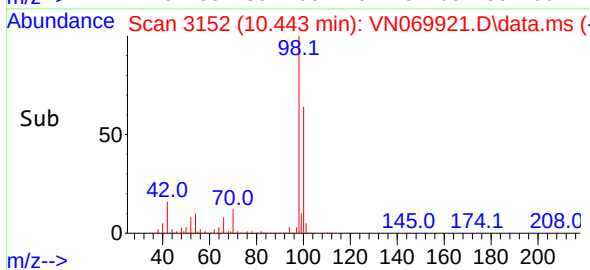
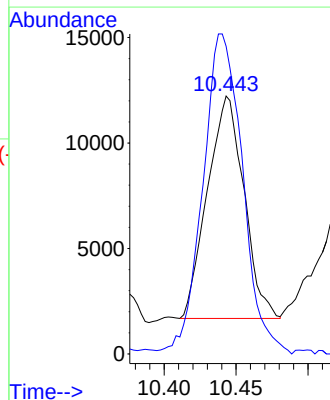
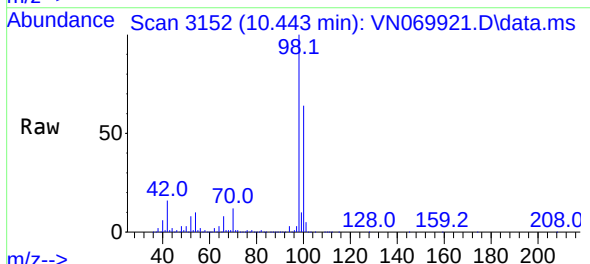
Instrument :
MSVOA_N
ClientSampleId :
M-10

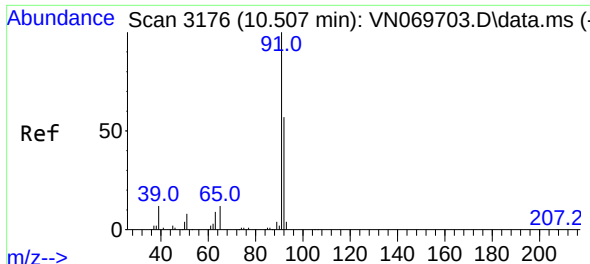
Tgt Ion: 98 Resp: 2989762
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.110 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 43 Resp: 18634
Ion Ratio Lower Upper
43 100
58 157.0 30.4 45.6#

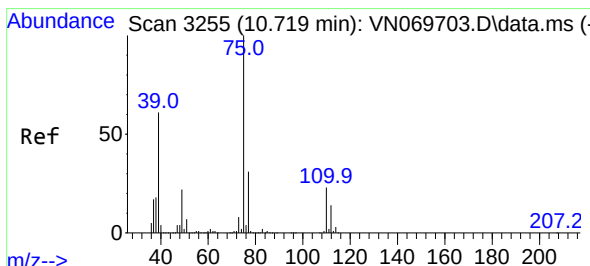
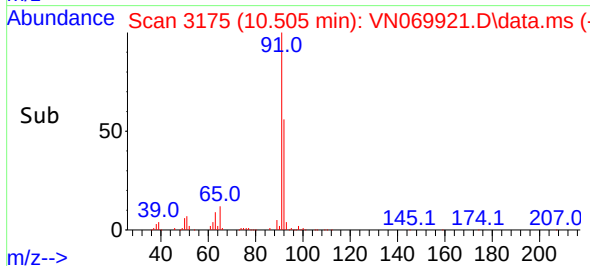
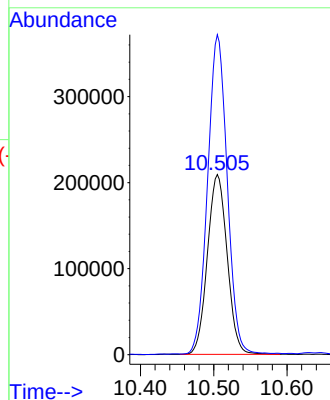
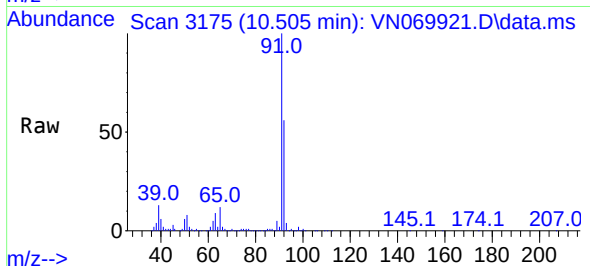




#52
Toluene
Concen: 9.779 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

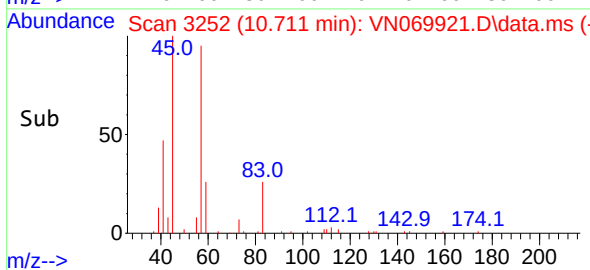
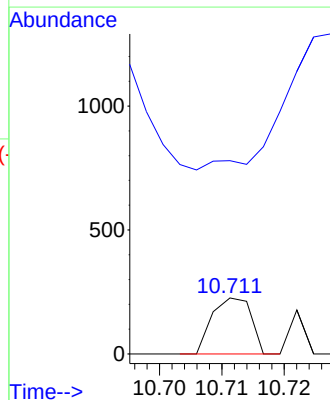
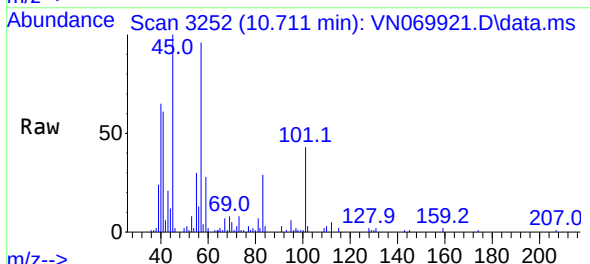
Instrument :
MSVOA_N
ClientSampleId :
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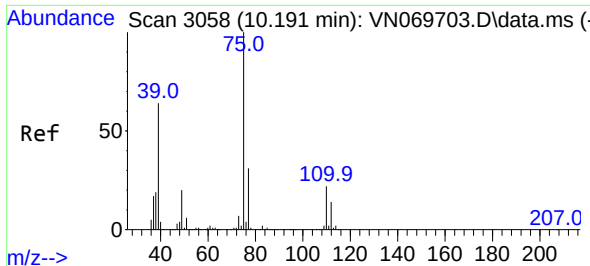
Tgt Ion: 92 Resp: 391745
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.798 ug/l
RT: 10.711 min Scan# 3252
Delta R.T. -0.008 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 75 Resp: 98
Ion Ratio Lower Upper
75 100
77 7.1 25.6 38.4#

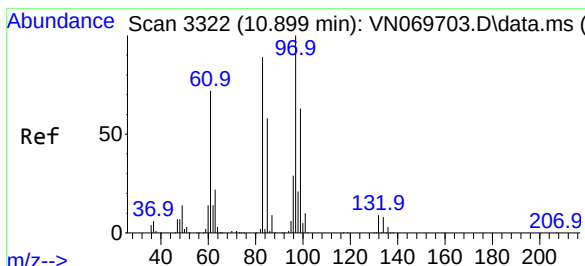
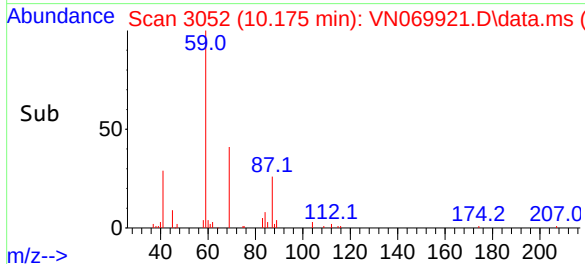
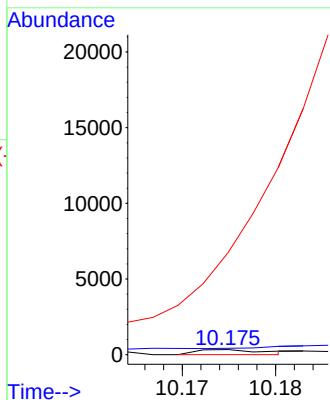
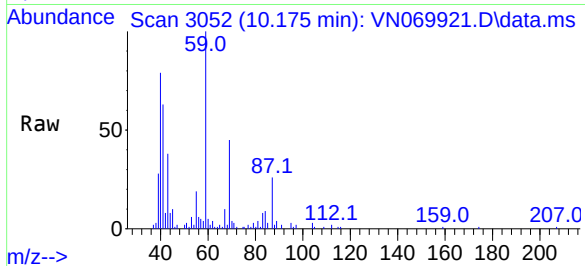




#54
cis-1,3-Dichloropropene
Concen: 2.005 ug/l
RT: 10.175 min Scan# 3058
Delta R.T. -0.016 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

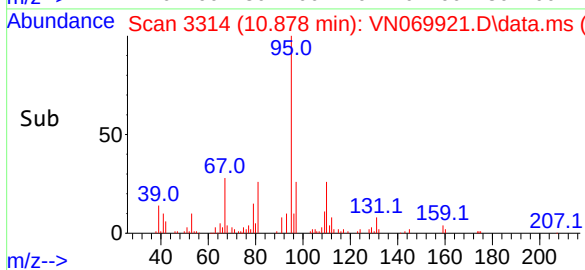
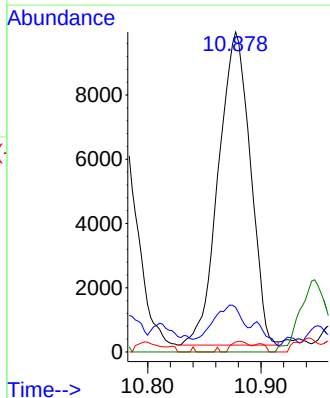
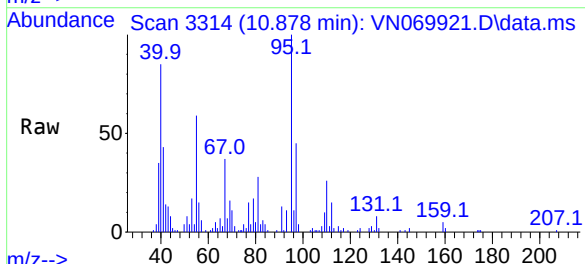
Instrument :
MSVOA_N
ClientSampleId :
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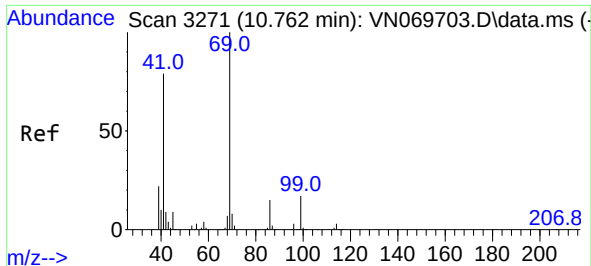
Tgt Ion: 75 Resp: 173
Ion Ratio Lower Upper
75 100
77 5.2 26.4 39.6#
39 1017.8 42.5 63.7#



#55
1,1,2-Trichloroethane
Concen: 1.177 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.021 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 97 Resp: 19018
Ion Ratio Lower Upper
97 100
83 12.3 67.8 101.6#
85 3.2 45.4 68.2#
99 0.0 49.4 74.0#

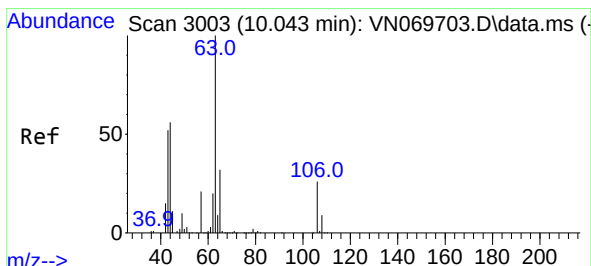
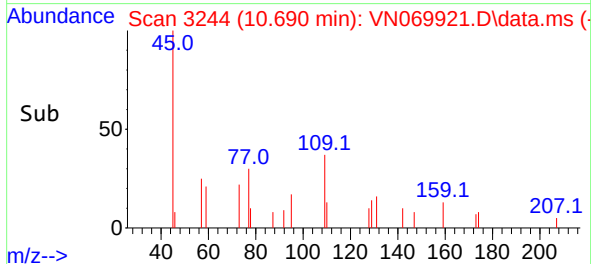
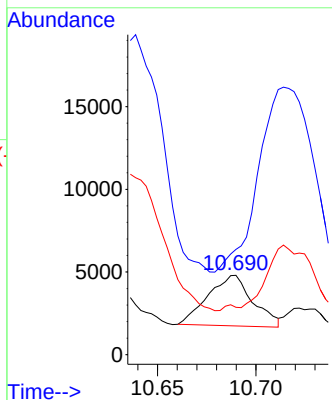
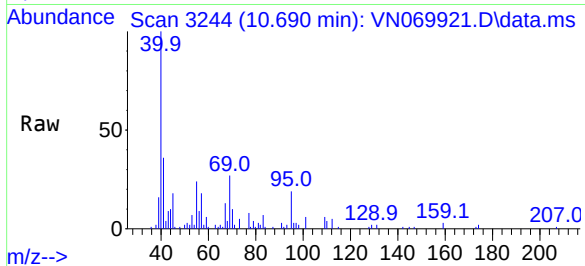




#56
Ethyl methacrylate
Concen: 2.431 ug/l
RT: 10.690 min Scan# 31
Delta R.T. -0.072 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

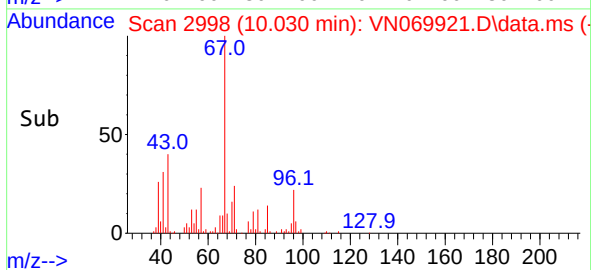
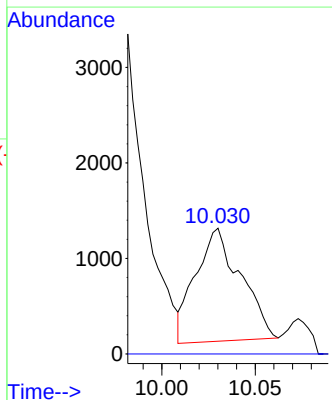
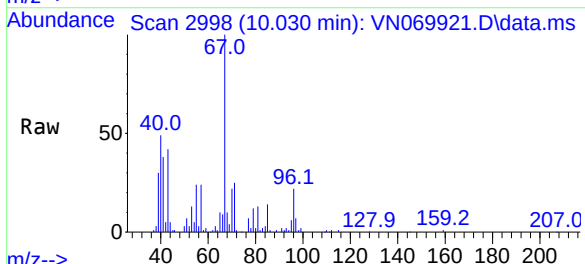
Instrument :
MSVOA_N
ClientSampleId :
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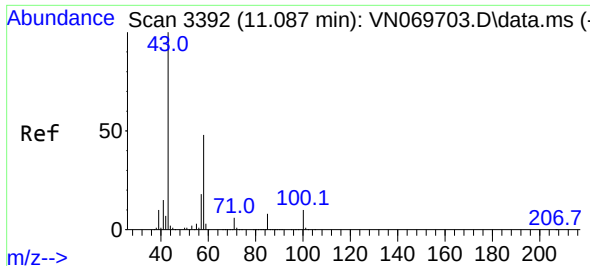
Tgt Ion: 69 Resp: 4859
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.612 ug/l
RT: 10.030 min Scan# 2998
Delta R.T. -0.013 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 63 Resp: 1981
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

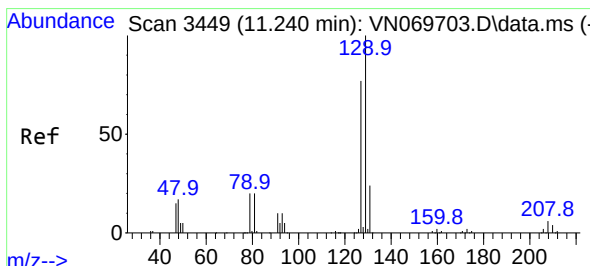
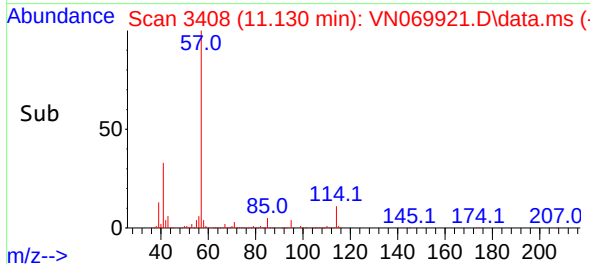
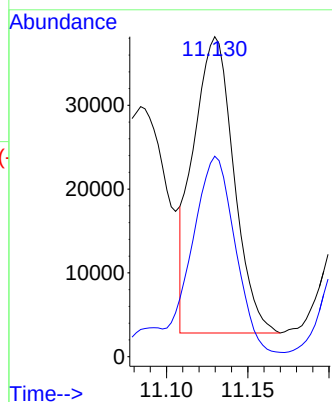
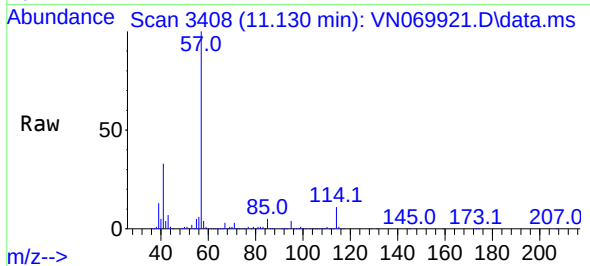




#59
2-Hexanone
Concen: 2.629 ug/l
RT: 11.130 min Scan# 34
Delta R.T. 0.043 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

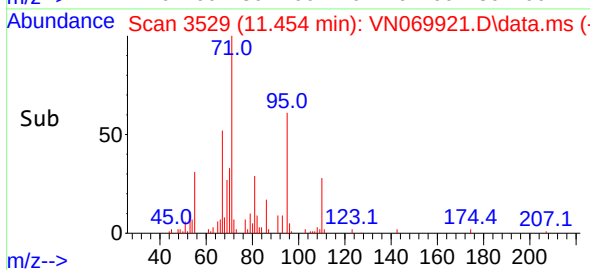
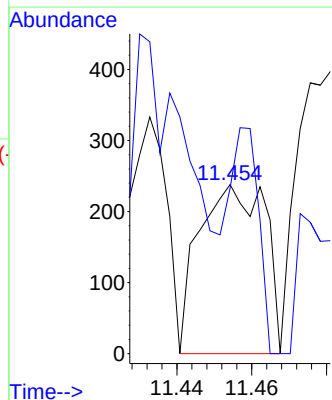
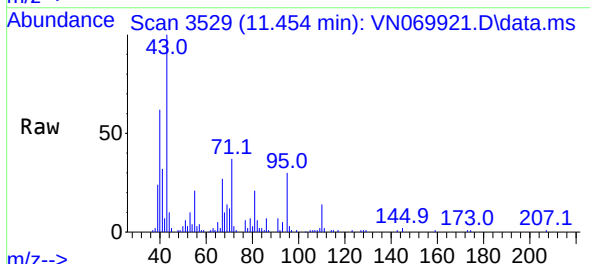
Instrument :
MSVOA_N
ClientSampleId :
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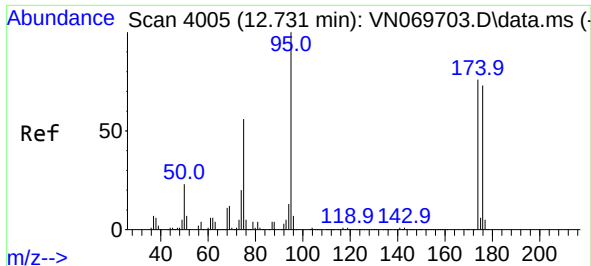
Tgt Ion: 43 Resp: 61006
Ion Ratio Lower Upper
43 100
58 73.1 26.9 80.7



#60
Dibromochloromethane
Concen: 2.392 ug/l
RT: 11.454 min Scan# 3529
Delta R.T. 0.214 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 129 Resp: 291
Ion Ratio Lower Upper
129 100
127 58.4 38.6 116.0

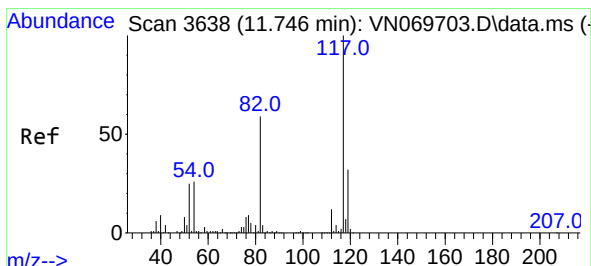
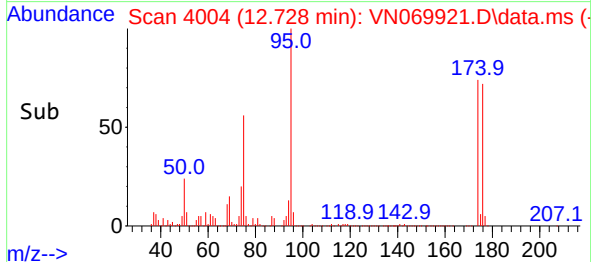
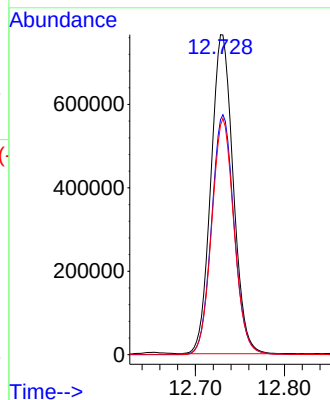
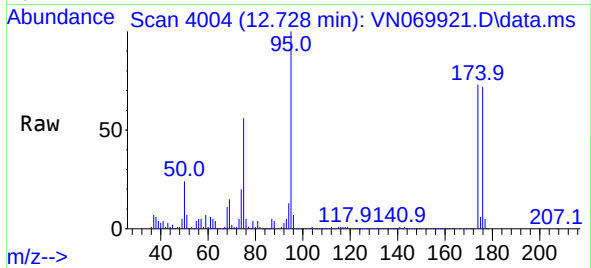




#62
4-Bromofluorobenzene
Concen: 64.684 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

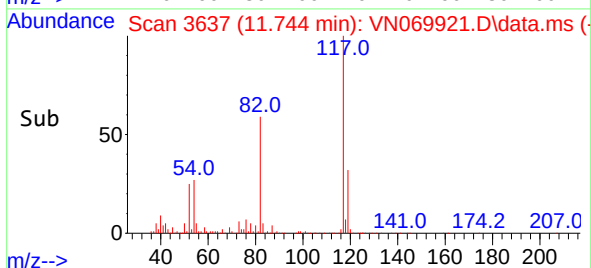
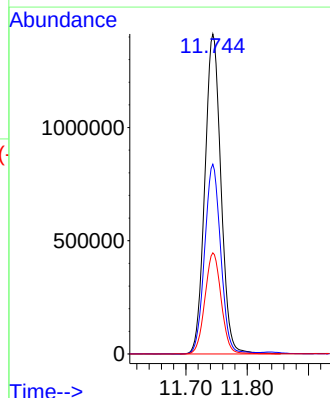
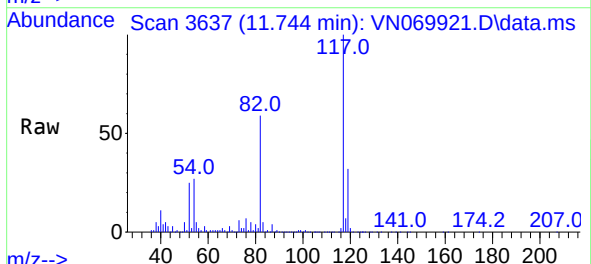
Instrument :
MSVOA_N
ClientSampleId :
M-10

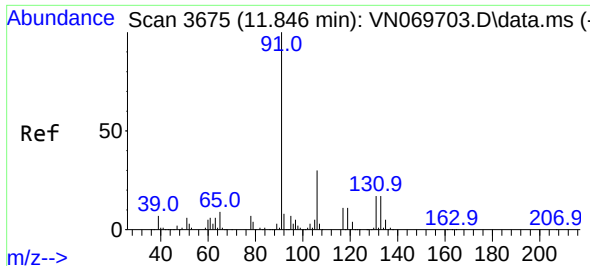
Tgt Ion: 95 Resp: 1329036
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 74.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 117 Resp: 2580959
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.6 25.4 38.2

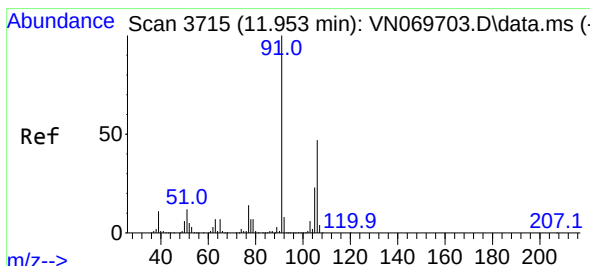
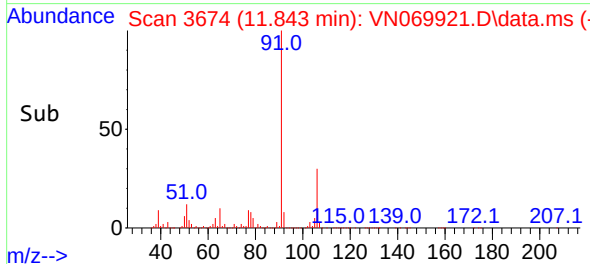
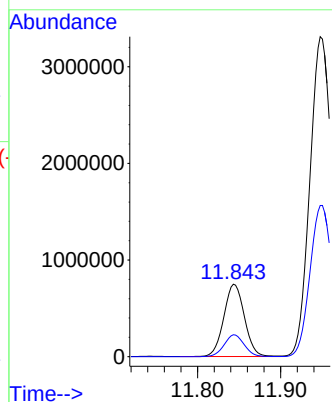
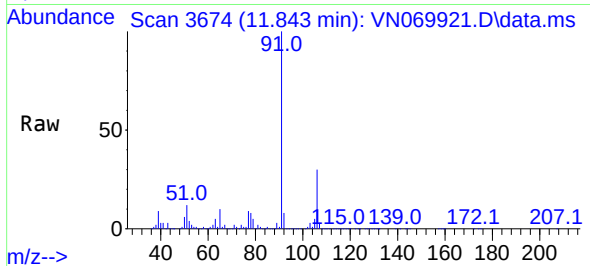




#67
Ethyl Benzene
Concen: 13.621 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

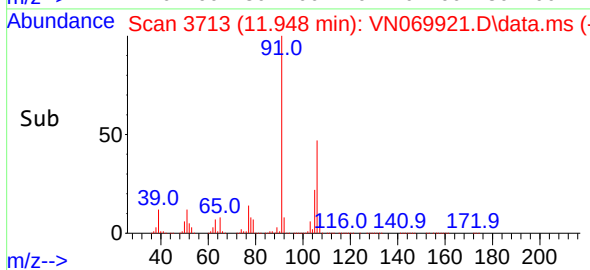
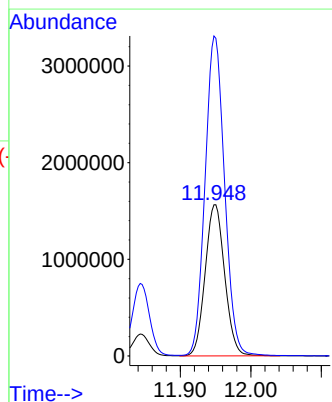
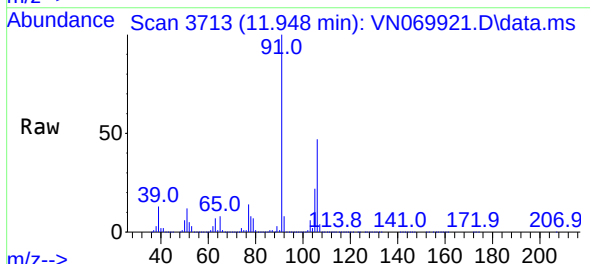
Instrument :
MSVOA_N
ClientSampleId :
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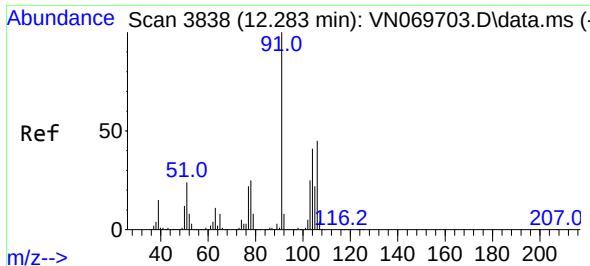
Tgt Ion: 91 Resp: 1295473
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5



#68
m/p-Xylenes
Concen: 86.745 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion:106 Resp: 3004038
Ion Ratio Lower Upper
106 100
91 211.7 160.6 240.8

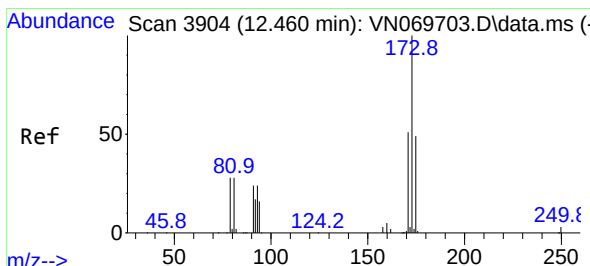
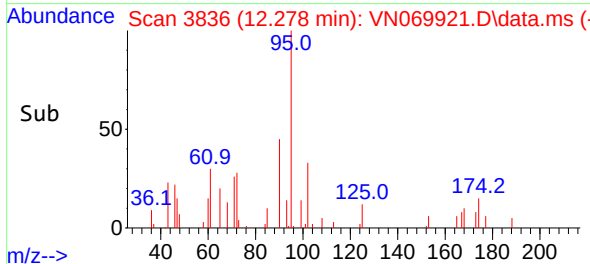
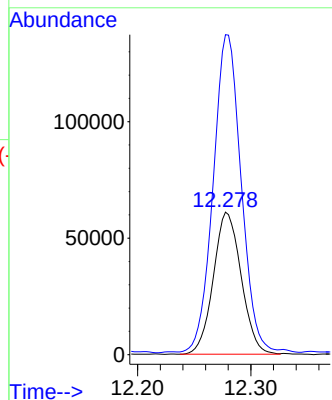
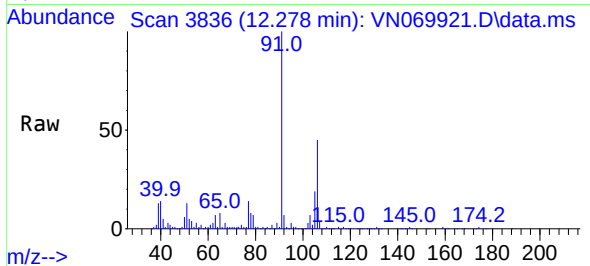




#69
o-Xylene
Concen: 2.981 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

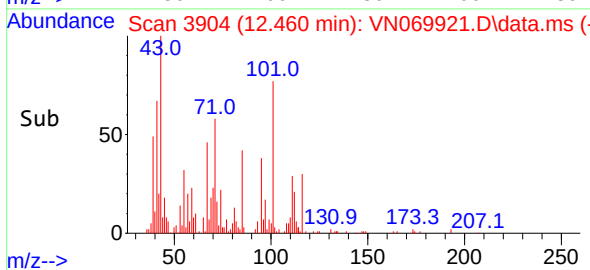
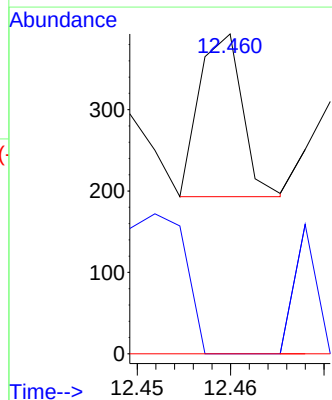
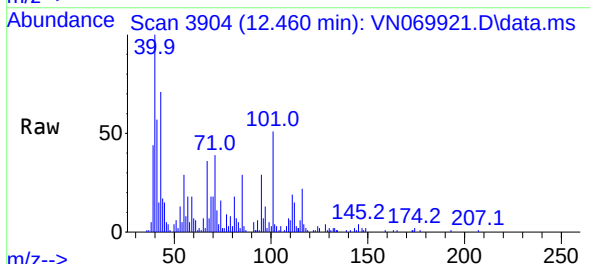
Instrument :
MSVOA_N
ClientSampleId :
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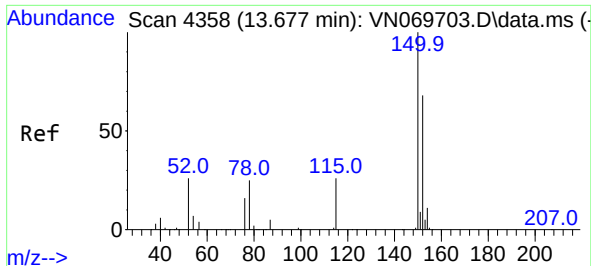
Tgt Ion:106 Resp: 103998
Ion Ratio Lower Upper
106 100
91 223.1 105.8 317.3



#71
Bromoform
Concen: 2.735 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion:173 Resp: 64
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

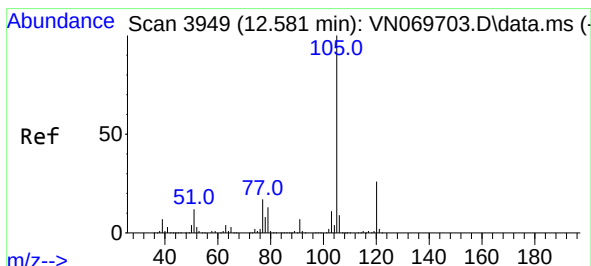
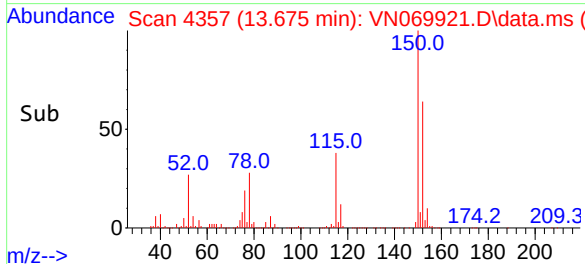
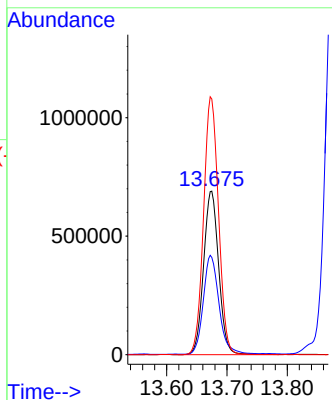
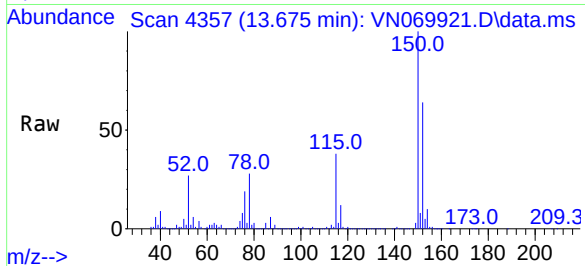




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

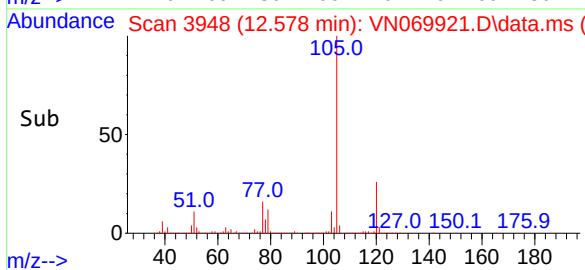
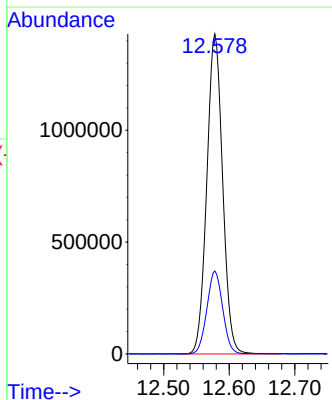
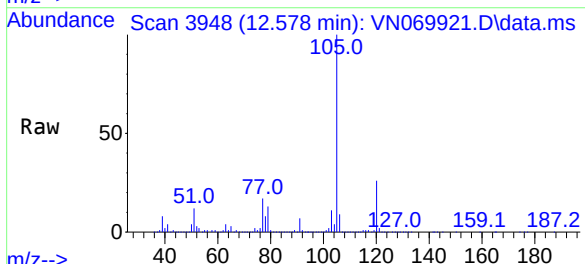
Instrument :
MSVOA_N
ClientSampleId :
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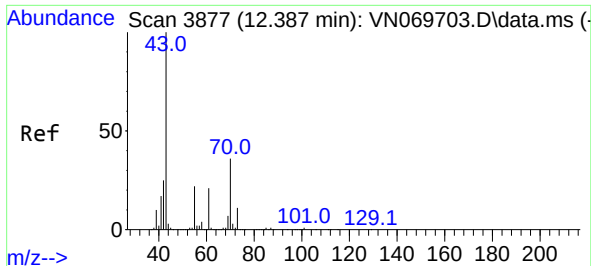
Tgt Ion:152 Resp: 1197608
Ion Ratio Lower Upper
152 100
115 63.0 27.5 82.5
150 156.1 0.0 344.4



#73
Isopropylbenzene
Concen: 22.441 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

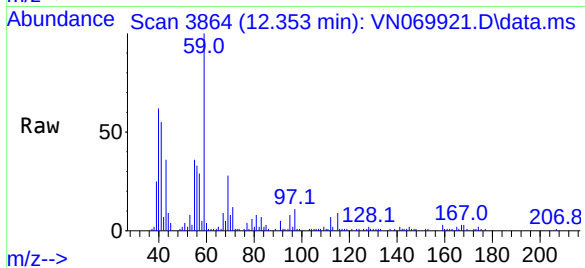
Tgt Ion:105 Resp: 2391140
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1





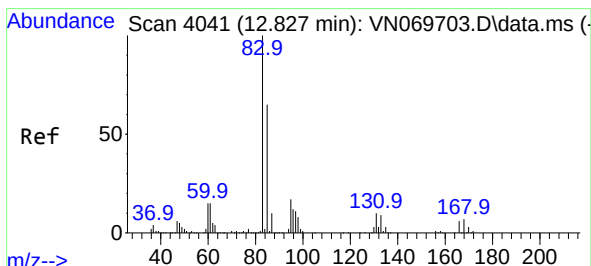
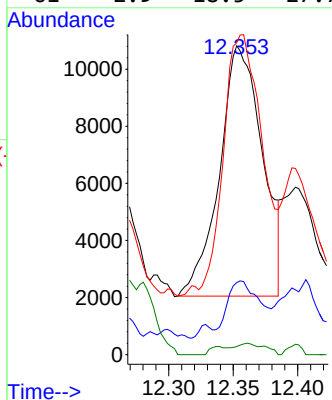
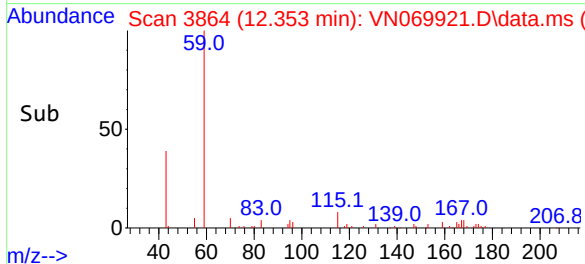
#74
N-amy1 acetate
Concen: 0.430 ug/l
RT: 12.353 min Scan# 3864
Delta R.T. -0.035 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
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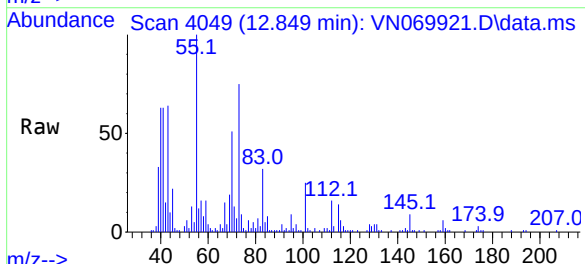


Tgt Ion: 43 Resp: 20266

Ion	Ratio	Lower	Upper
43	100		
70	14.0	33.4	50.0#
55	94.9	19.3	28.9#
61	2.9	18.5	27.7#

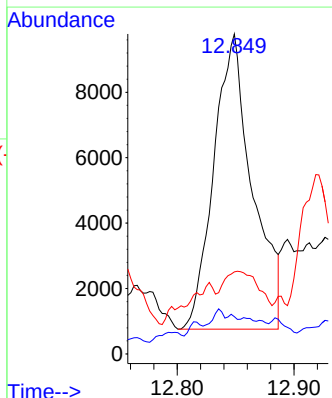
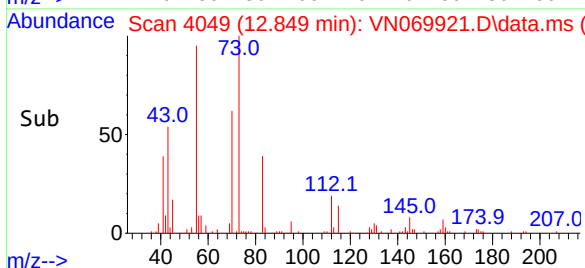


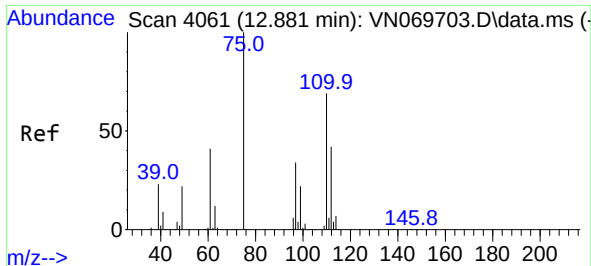
#75
1,1,2,2-Tetrachloroethane
Concen: 0.562 ug/l
RT: 12.849 min Scan# 4049
Delta R.T. 0.022 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19



Tgt Ion: 83 Resp: 20722

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	9.5	32.4	97.2#

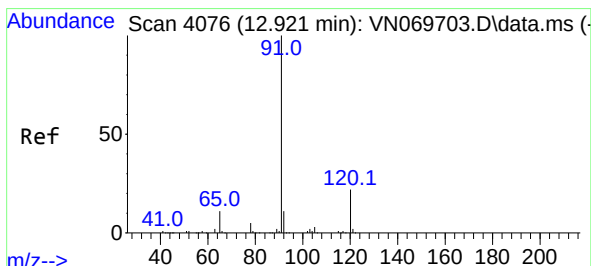
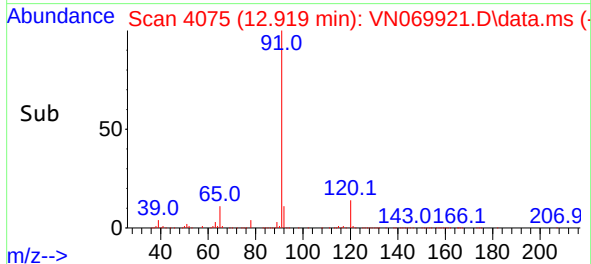
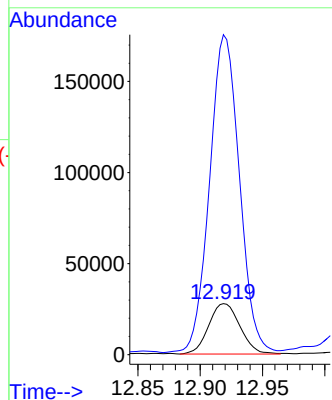
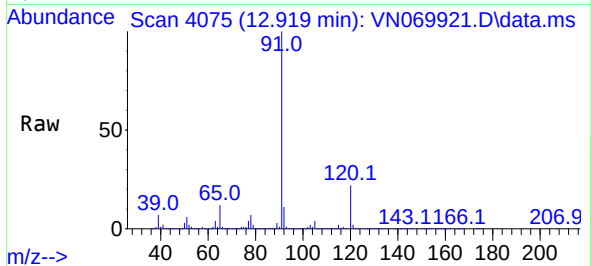




#76
1,2,3-Trichloropropane
Concen: 1.403 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.038 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

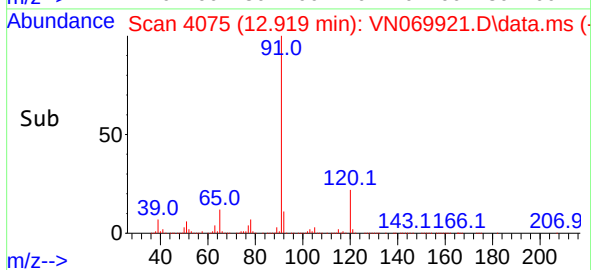
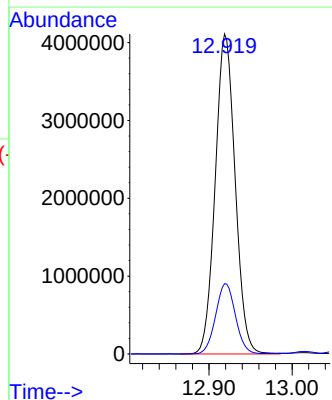
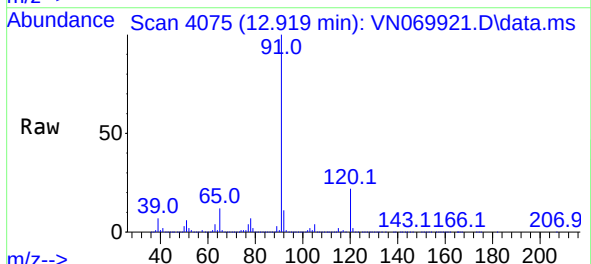
Instrument :
MSVOA_N
ClientSampleId :
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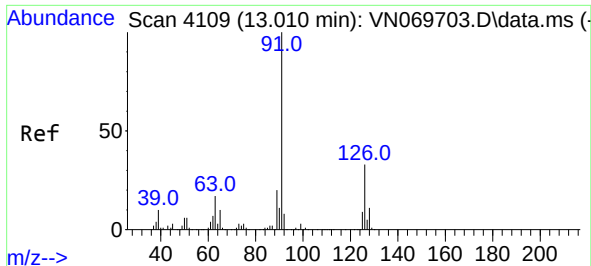
Tgt Ion: 75 Resp: 48170
Ion Ratio Lower Upper
75 100
77 602.7 82.6 247.8#



#78
n-propylbenzene
Concen: 57.672 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 91 Resp: 6838201
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9

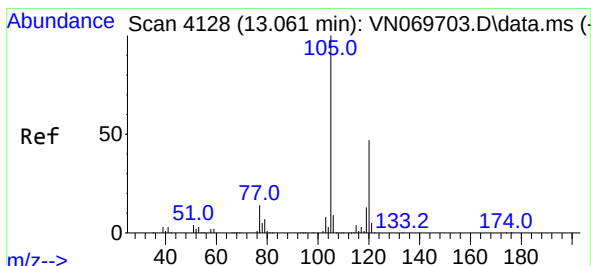
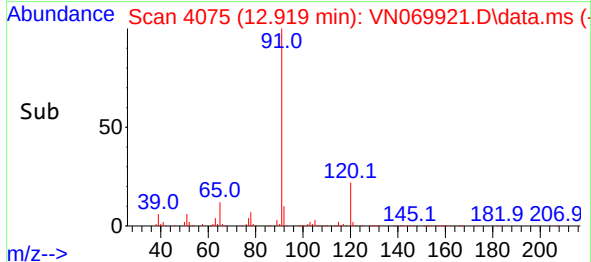
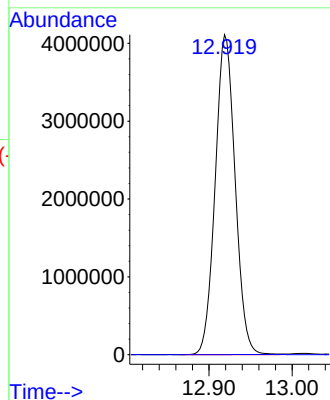
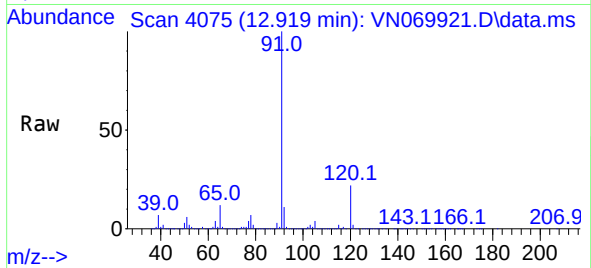




#79
2-Chlorotoluene
Concen: 91.272 ug/l
RT: 12.919 min Scan# 40
Delta R.T. -0.091 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

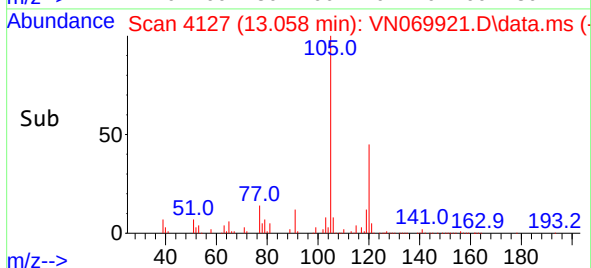
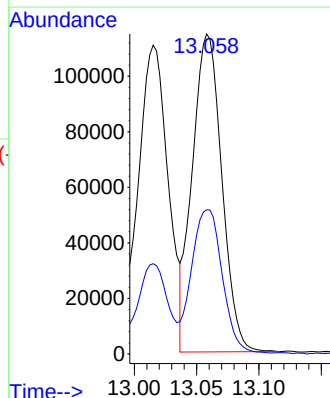
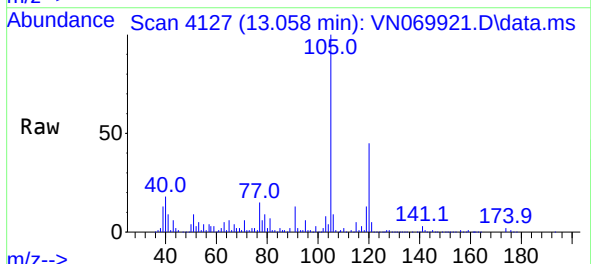
Instrument :
MSVOA_N
ClientSampleId :
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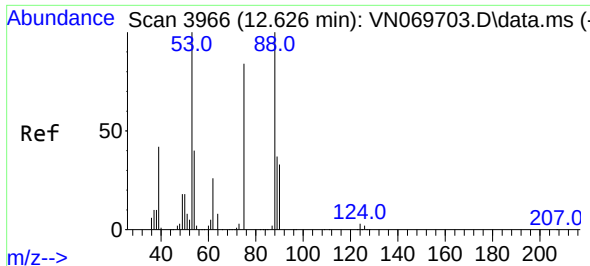
Tgt Ion: 91 Resp: 6838201
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 2.198 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 105 Resp: 188503
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6

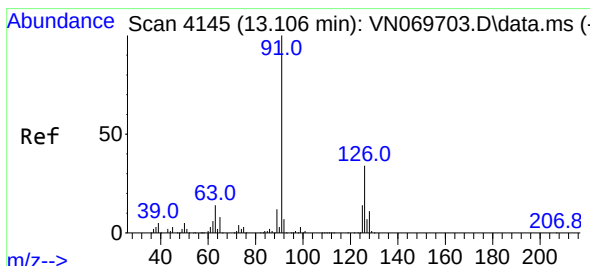
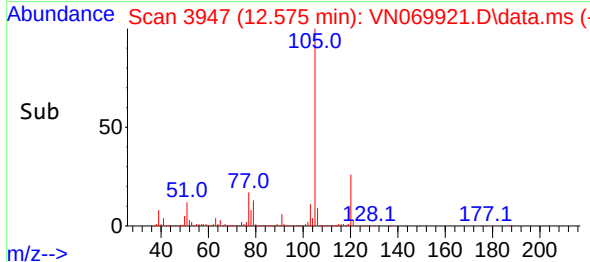
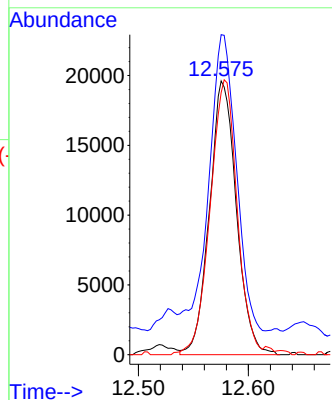
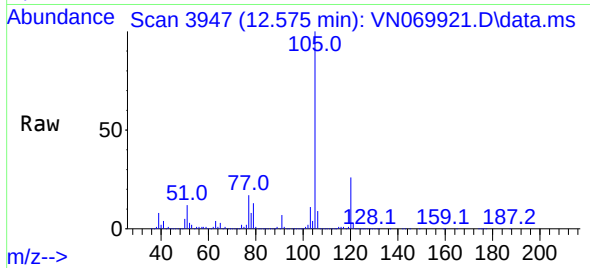




#81
trans-1,4-Dichloro-2-butene
Concen: 6.983 ug/l
RT: 12.575 min Scan# 3966
Delta R.T. -0.051 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

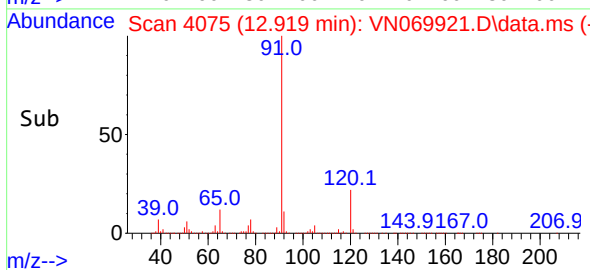
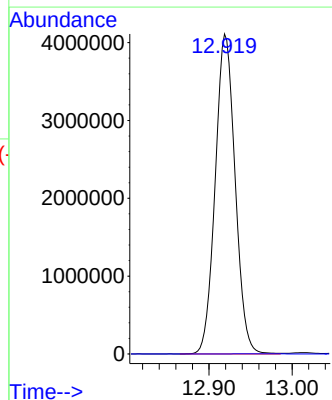
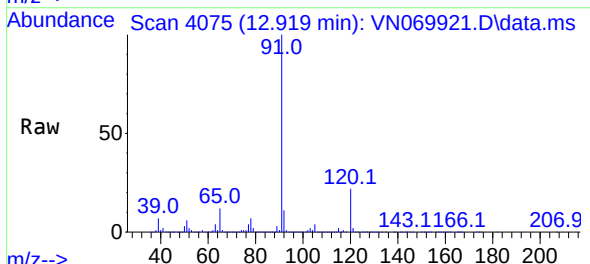
Instrument :
MSVOA_N
ClientSampleId :
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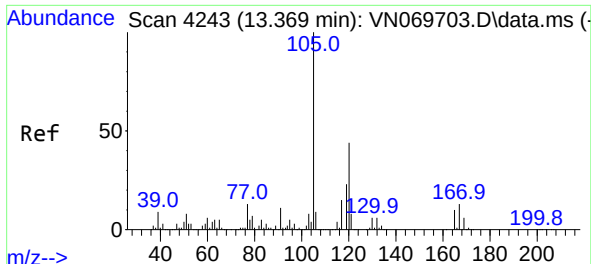
Tgt Ion: 75 Resp: 33371
Ion Ratio Lower Upper
75 100
53 106.9 90.5 135.7
89 100.6 38.2 57.4#



#82
4-Chlorotoluene
Concen: 97.053 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.188 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 91 Resp: 6838201
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

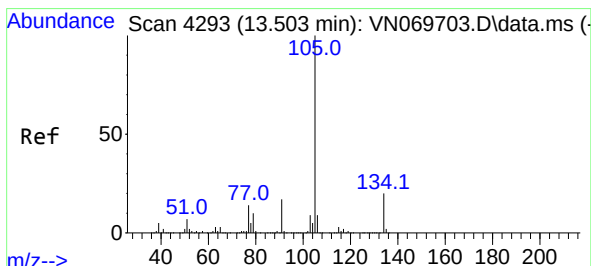
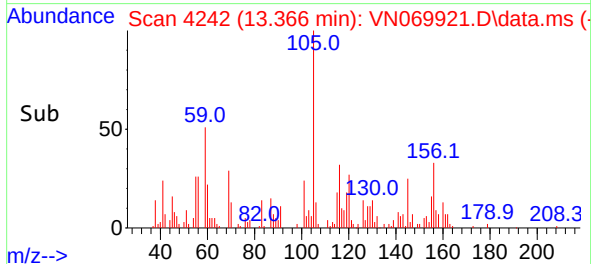
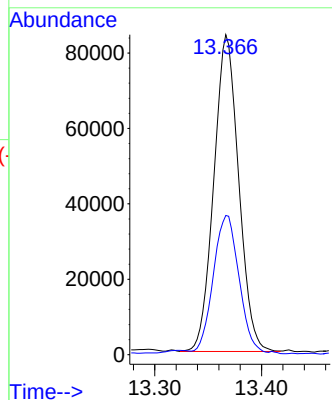
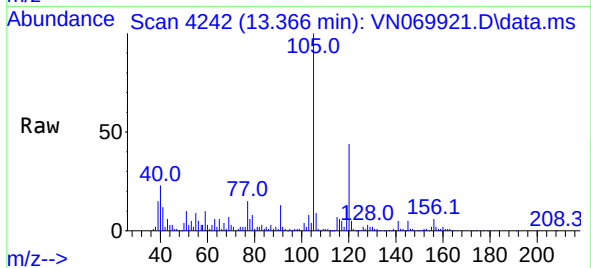




#84
1,2,4-Trimethylbenzene
Concen: 1.662 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

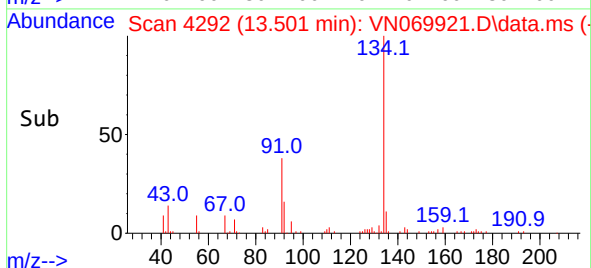
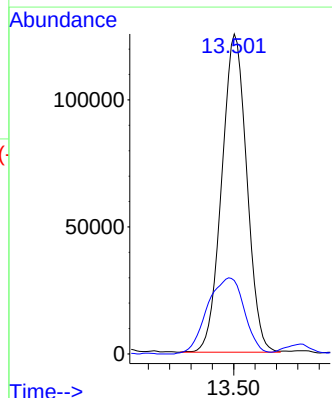
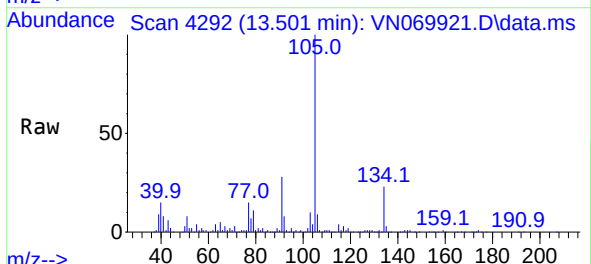
Instrument :
MSVOA_N
ClientSampleId :
M-10

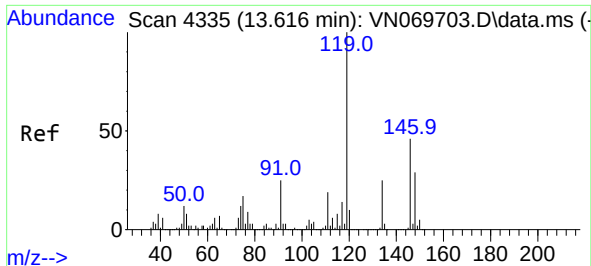
Tgt Ion:105 Resp: 135730
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.979 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion:105 Resp: 203806
Ion Ratio Lower Upper
105 100
134 35.4 10.4 31.1#

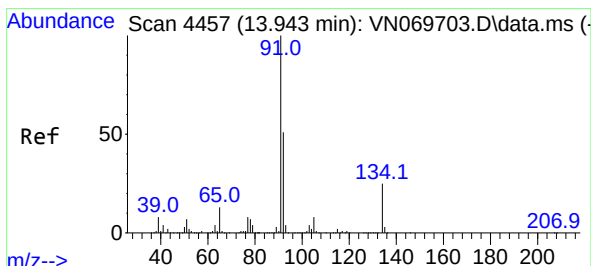
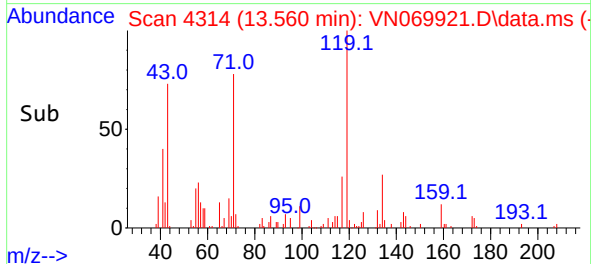
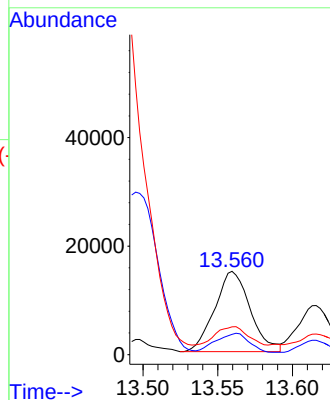
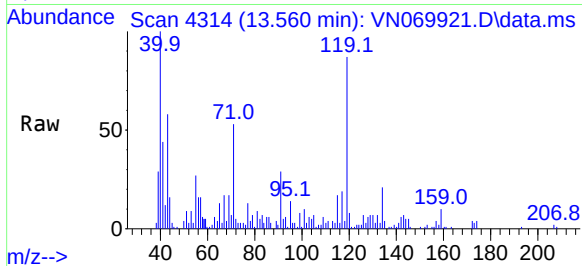




#86
p-Isopropyltoluene
Concen: 0.304 ug/l
RT: 13.560 min Scan# 41
Delta R.T. -0.056 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

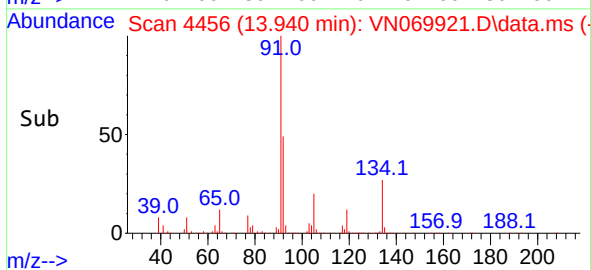
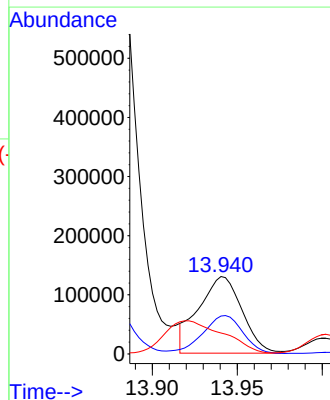
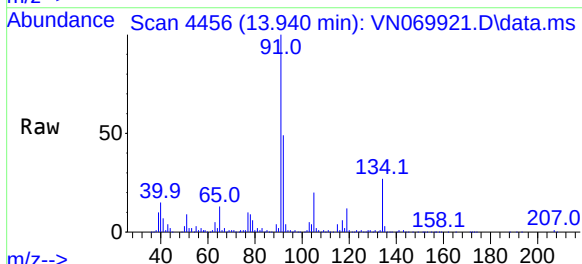
Instrument :
MSVOA_N
ClientSampleId :
M-10

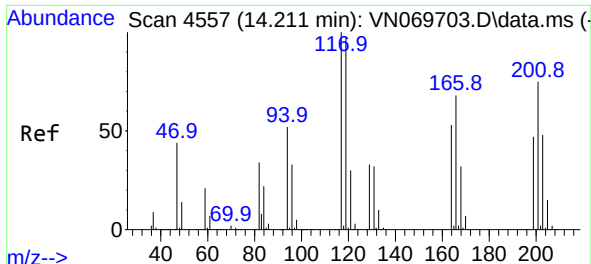
Tgt Ion:119 Resp: 24479
Ion Ratio Lower Upper
119 100
134 0.0 13.6 40.7#
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 3.528 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 91 Resp: 230445
Ion Ratio Lower Upper
91 100
92 46.7 25.4 76.0
134 0.0 13.6 40.8#

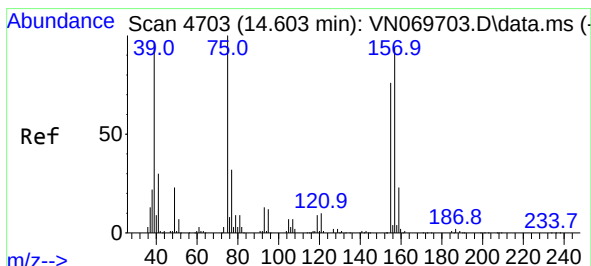
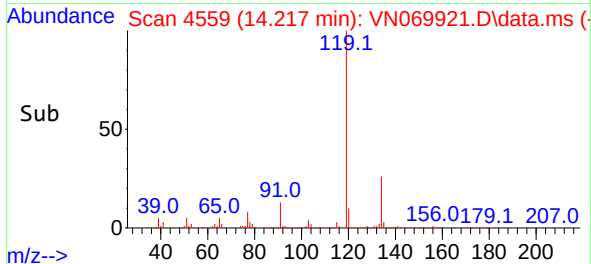
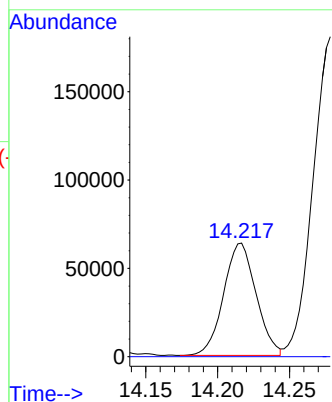
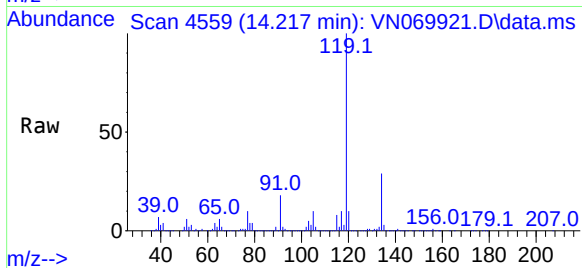




#90
Hexachloroethane
Concen: 7.070 ug/l
RT: 14.217 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

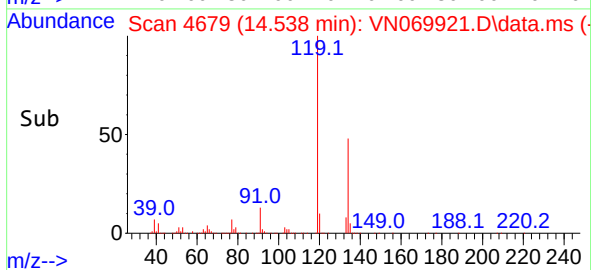
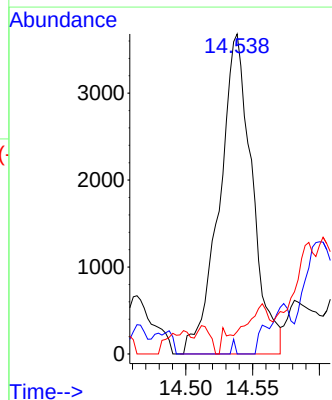
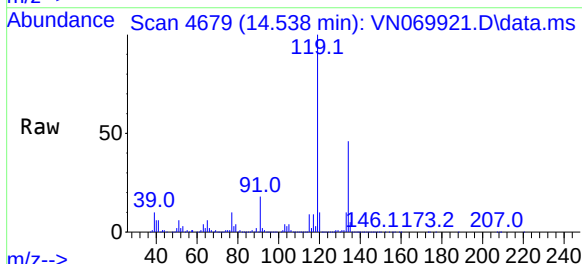
Instrument :
MSVOA_N
ClientSampleId :
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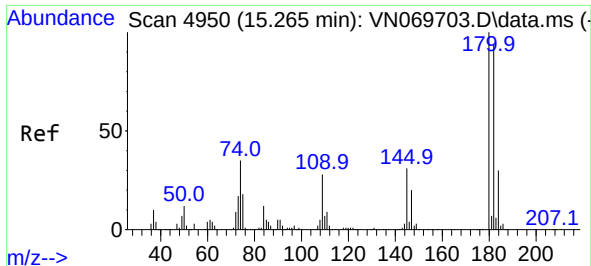
Tgt Ion:117 Resp: 99936
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.940 ug/l
RT: 14.538 min Scan# 4679
Delta R.T. -0.064 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

Tgt Ion: 75 Resp: 6256
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 2.4 60.6 181.7#

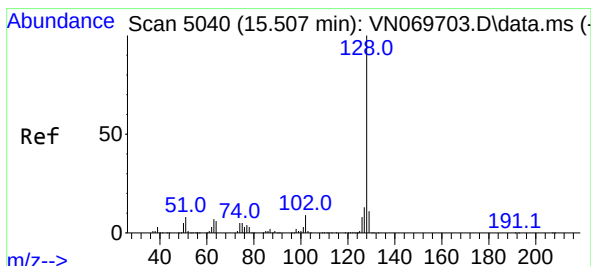
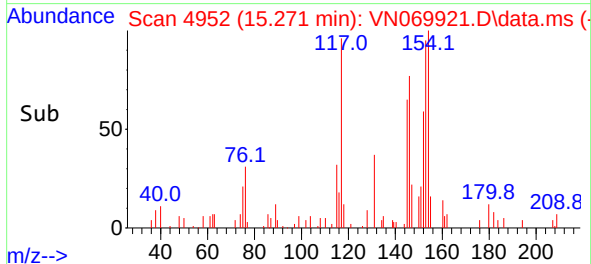
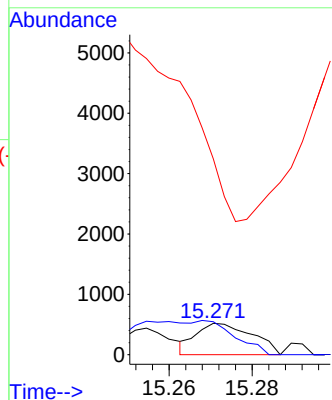
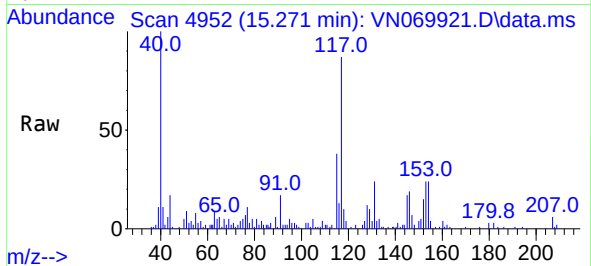




#93
1,2,4-Trichlorobenzene
Concen: 2.901 ug/l
RT: 15.271 min Scan# 4950
Delta R.T. 0.006 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

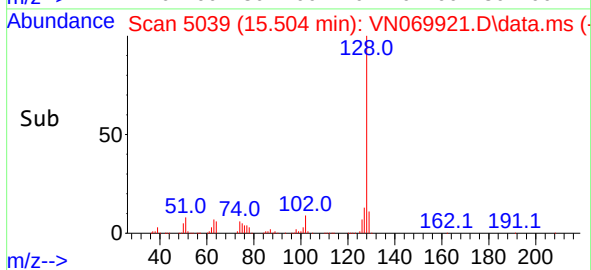
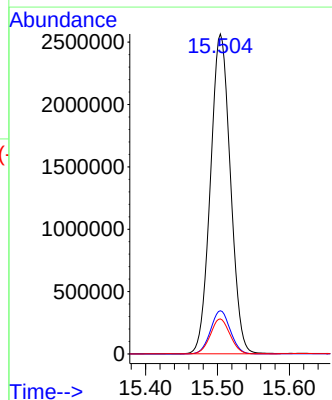
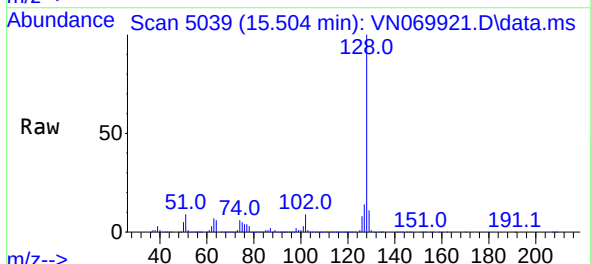
Instrument :
MSVOA_N
ClientSampleId :
M-10

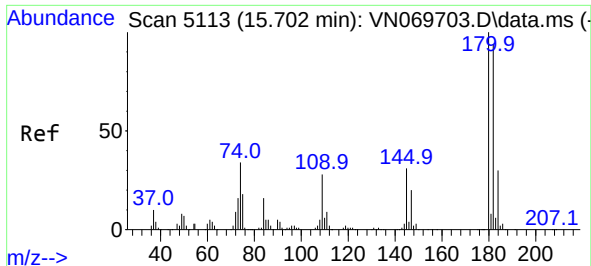
Tgt Ion:180 Resp: 487
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 81.628 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN069921.D
Acq: 9 Dec 2021 19:19

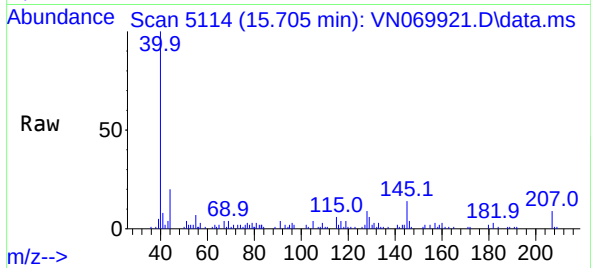
Tgt Ion:128 Resp: 4937736
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.451 ug/l
 RT: 15.705 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN069921.D
 Acq: 9 Dec 2021 19:19

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:180 Resp: 304
 Ion Ratio Lower Upper
 180 100
 182 256.6 47.4 142.2#
 145 0.0 15.0 45.1#

