

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070016.D
 Acq On : 11 Dec 2021 18:36
 Operator : JC/MD
 Sample : M4873-03 10X
 Misc : 6.25g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 16:25:09 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	1184678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2204590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2687296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1225199	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	904846	49.468	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.940%
35) Dibromofluoromethane	8.021	113	658703	47.701	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.400%
50) Toluene-d8	10.443	98	2976963	53.689	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.380%
62) 4-Bromofluorobenzene	12.731	95	1403212	69.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	139.700%#

Target Compounds			Qvalue			
11) Tert butyl alcohol	5.312	59	27586	7.979	ug/l #	71
13) Acrolein	3.971	56	3121	1.060	ug/l #	1
15) Acrylonitrile	5.618	53	19068	2.047	ug/l #	37
16) Acetone	4.242	43	36588	3.325	ug/l #	51
18) Methyl Acetate	5.066	43	146823	4.421	ug/l #	51
19) Methyl tert-butyl Ether	5.615	73	37774	0.861	ug/l #	1
20) Methylene Chloride	5.090	84	5955	0.407	ug/l #	58
25) 2-Butanone	7.329	43	9764	0.653	ug/l #	48
30) Chloroform	7.780	83	13947	0.536	ug/l #	18
31) Cyclohexane	8.080	56	249982	9.820	ug/l #	71
36) 1,1-Dichloropropene	8.083	75	101097	4.817	ug/l #	49
37) Ethyl Acetate	7.329	43	9764	0.313	ug/l #	72
38) Carbon Tetrachloride	8.086	117	120453	5.853	ug/l #	17
39) Methylcyclohexane	9.459	83	243188	9.742	ug/l #	79
40) Benzene	8.461	78	339281	5.289	ug/l	98
41) Methacrylonitrile	7.675	41	4539	0.310	ug/l #	41
43) Isopropyl Acetate	8.558	43	50301	1.088	ug/l #	55
47) Bromodichloromethane	9.748	83	15218	0.711	ug/l #	25
48) Methyl methacrylate	9.593	41	32666	1.514	ug/l #	23
51) 4-Methyl-2-Pentanone	10.371	43	126306	4.212	ug/l #	73
52) Toluene	10.505	92	70745	1.806	ug/l	96
53) t-1,3-Dichloropropene	10.730	75	130	2.799	ug/l #	1
54) cis-1,3-Dichloropropene	10.194	75	25	2.000	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	57544	3.642	ug/l #	35
56) Ethyl methacrylate	10.786	69	6304	2.481	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.022	63	2777	18.708	ug/l #	45
59) 2-Hexanone	11.055	43	69397	3.059	ug/l #	30
60) Dibromochloromethane	11.245	129	273	2.392	ug/l	100
67) Ethyl Benzene	11.846	91	1734143	17.511	ug/l	96
68) m/p-Xylenes	11.956	106	839871	23.293	ug/l	93
69) o-Xylene	12.280	106	157765	4.344	ug/l	89
71) Bromoform	12.455	173	208	2.743	ug/l #	29
73) Isopropylbenzene	12.581	105	251363	2.306	ug/l	99
74) N-amyl acetate	12.369	43	60624	1.258	ug/l #	68
76) 1,2,3-Trichloropropane	12.731	75	791885	22.538	ug/l #	1
78) n-propylbenzene	12.921	91	1150821	9.487	ug/l	95

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

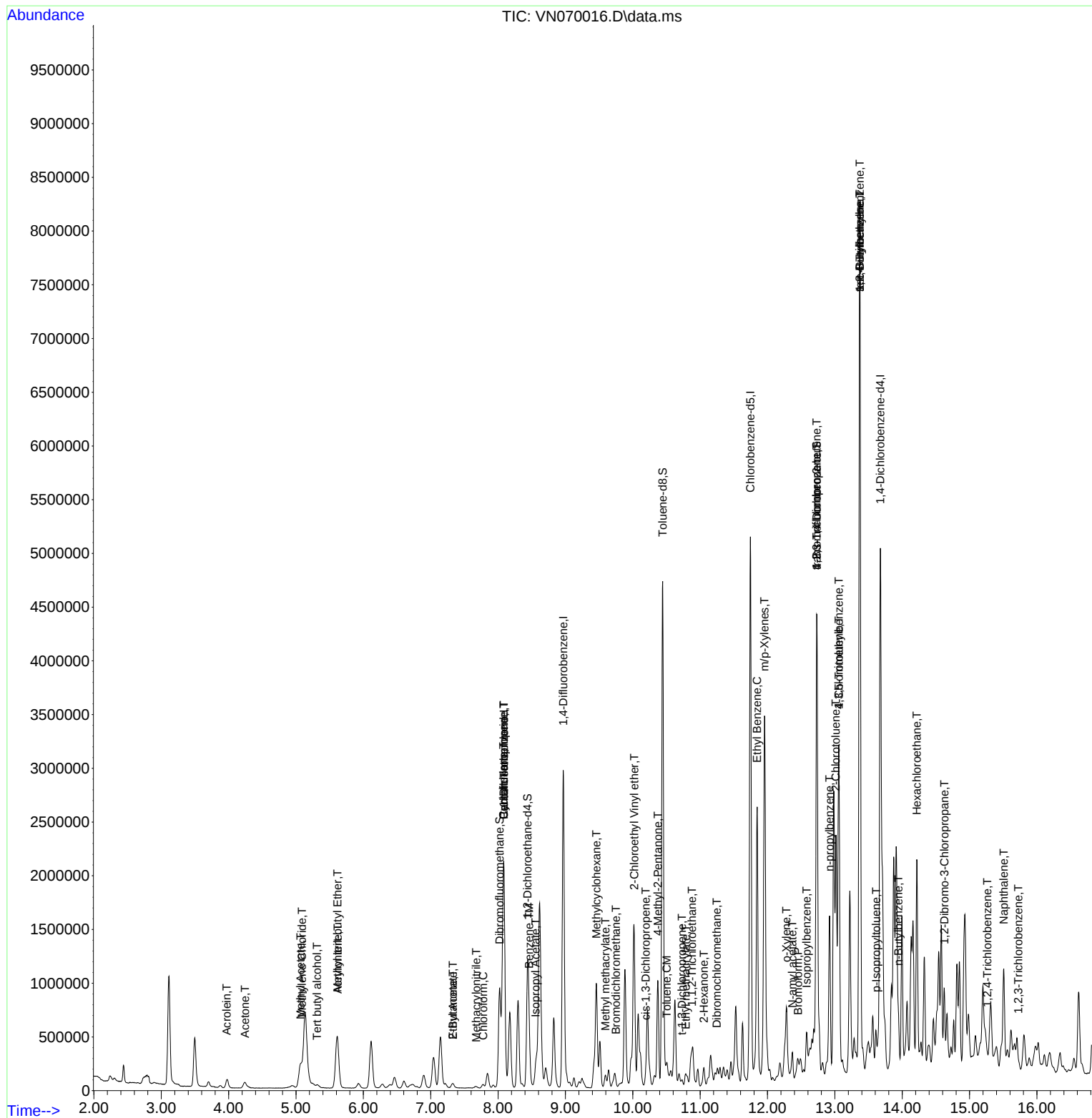
79) 2-Chlorotoluene	13.015	91	146256	1.908	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.061	105	1261398	14.377	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.731	75	791885	71.833	ug/l #	5
82) 4-Chlorotoluene	13.061	91	142500	1.977	ug/l #	40
83) tert-Butylbenzene	13.369	119	563227	7.250	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.369	105	4589559	54.926	ug/l	97
85) sec-Butylbenzene	13.369	105	4589559	43.553	ug/l #	56
86) p-Isopropyltoluene	13.616	119	72545	0.881	ug/l	96
89) n-Butylbenzene	13.943	91	221918	3.321	ug/l #	68
90) Hexachloroethane	14.217	117	93207	6.445	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.624	75	2312	0.339	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.263	180	314	2.893	ug/l #	42
95) Naphthalene	15.507	128	743799	15.417	ug/l	99
96) 1,2,3-Trichlorobenzene	15.724	180	895	2.479	ug/l #	12

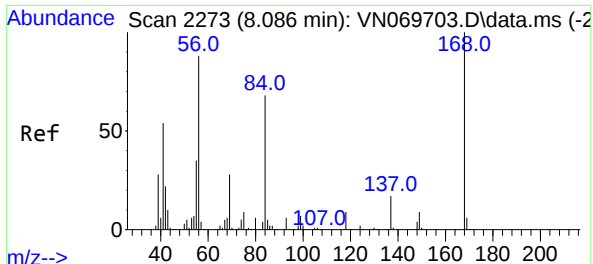
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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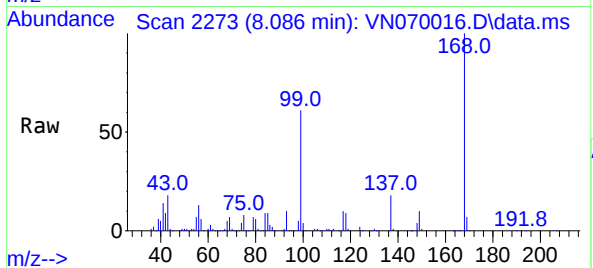
Quant Time: Dec 12 16:25:09 2021
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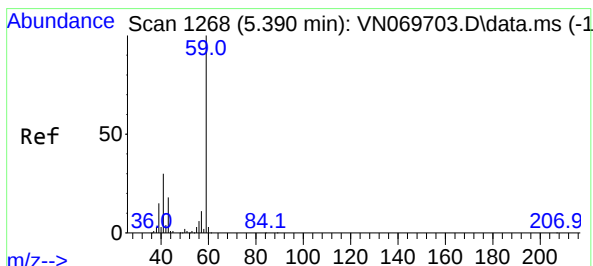
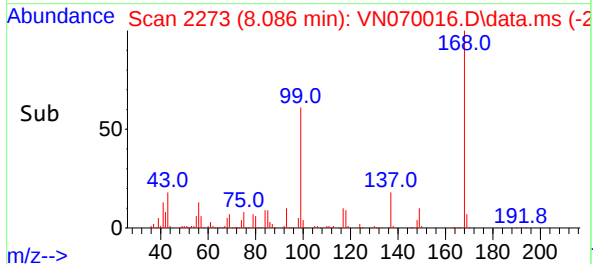
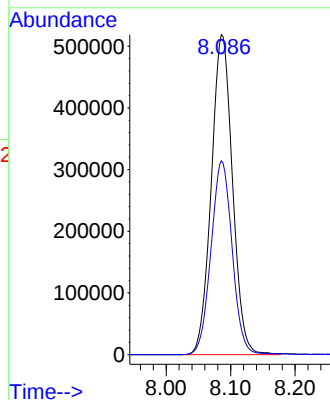


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Instrument :
MSVOA_N
ClientSampleId :

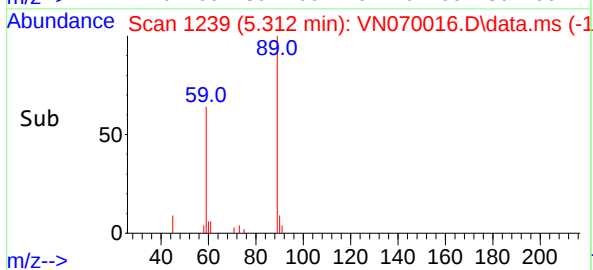
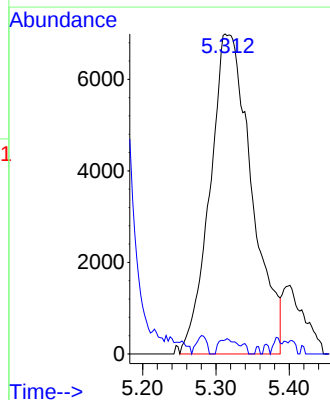
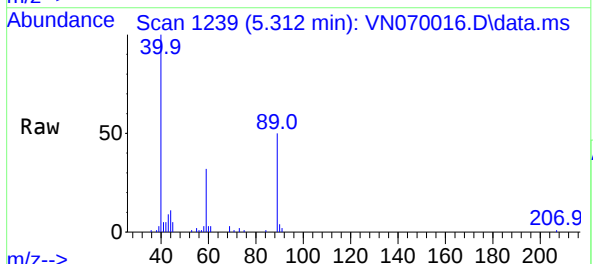


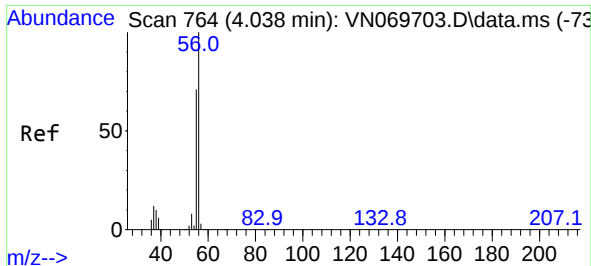
Tgt Ion:168 Resp: 1184678
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 7.979 ug/l
RT: 5.312 min Scan# 1239
Delta R.T. -0.078 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 59 Resp: 27586
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

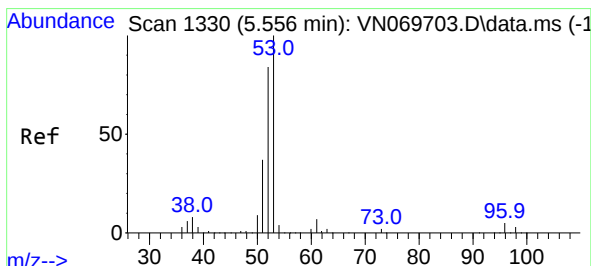
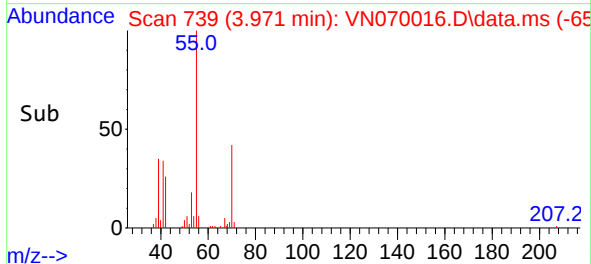
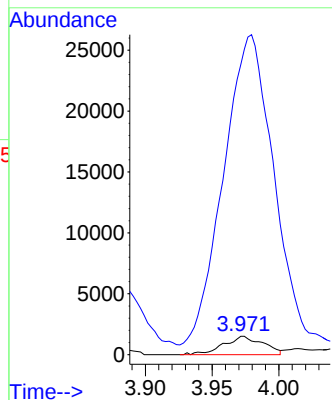
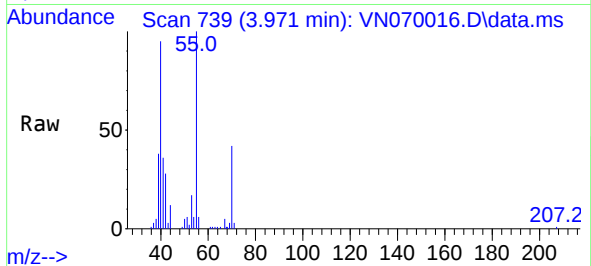




#13
Acrolein
Concen: 1.060 ug/l
RT: 3.971 min Scan# 71
Delta R.T. -0.067 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

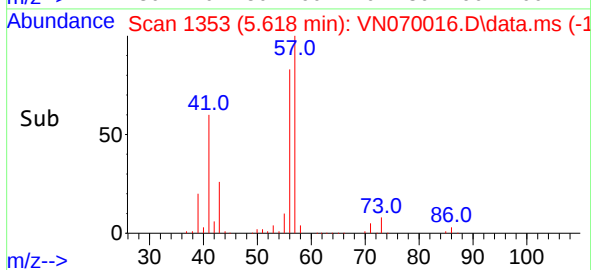
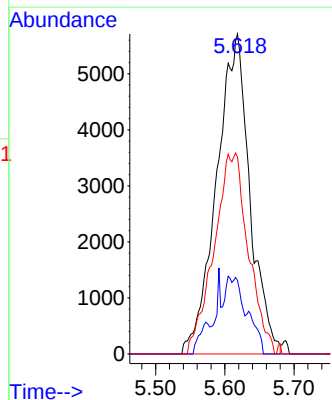
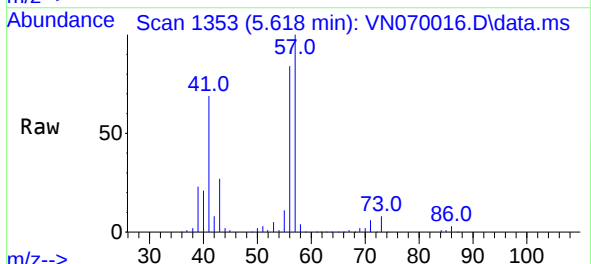
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MSVOA_N
ClientSampleId :

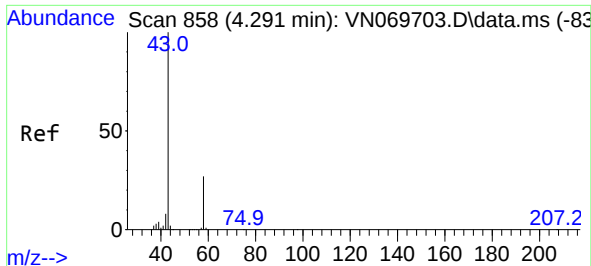
Tgt Ion: 56 Resp: 3121
Ion Ratio Lower Upper
56 100
55 2265.8 56.6 85.0#



#15
Acrylonitrile
Concen: 2.047 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.062 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 53 Resp: 19068
Ion Ratio Lower Upper
53 100
52 1.6 66.2 99.2#
51 35.0 29.6 44.4

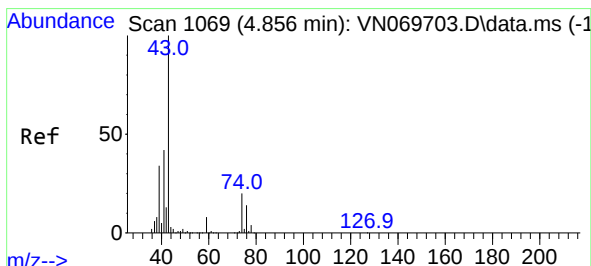
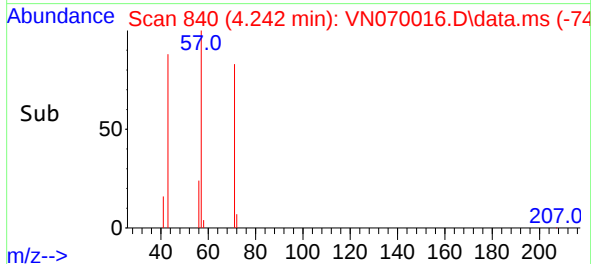
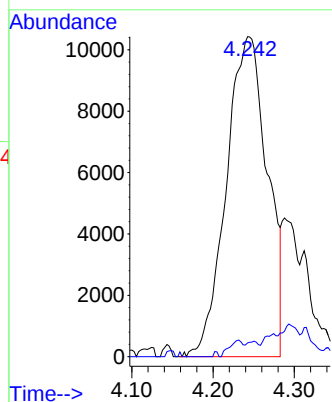
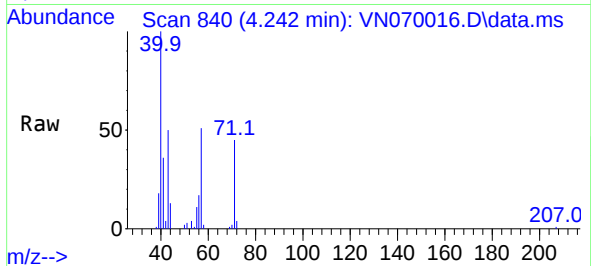




#16
Acetone
Concen: 3.325 ug/l
RT: 4.242 min Scan# 84
Delta R.T. -0.048 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

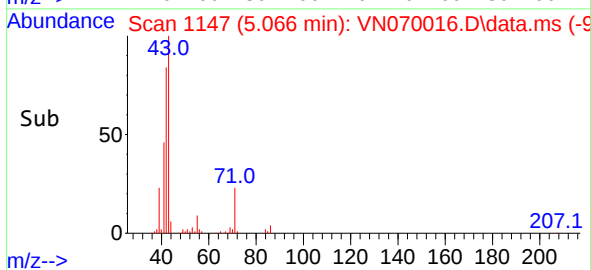
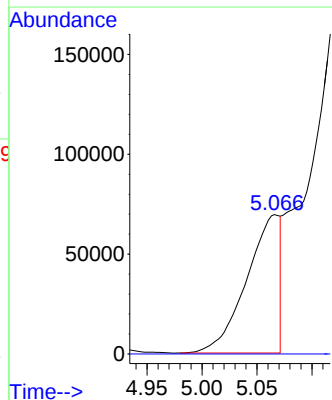
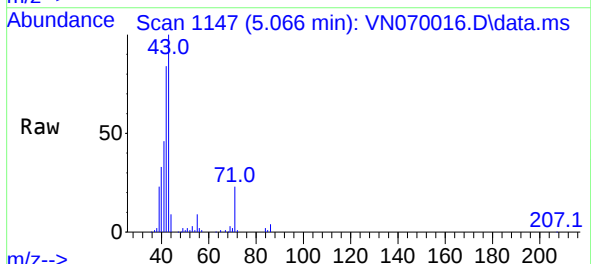
Instrument :
MSVOA_N
ClientSampleId :

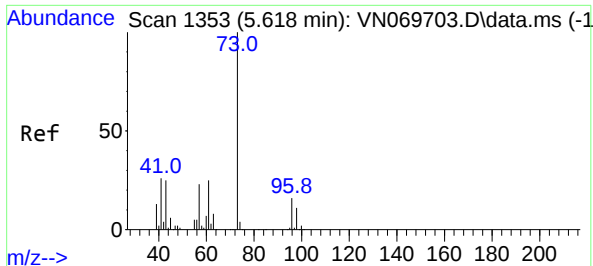
Tgt Ion: 43 Resp: 36588
Ion Ratio Lower Upper
43 100
58 2.8 23.1 34.7#



#18
Methyl Acetate
Concen: 4.421 ug/l
RT: 5.066 min Scan# 1147
Delta R.T. 0.209 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 43 Resp: 146823
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 0.861 ug/l

RT: 5.615 min Scan# 11352

Delta R.T. -0.003 min

Lab File: VN070016.D

Acq: 11 Dec 2021 18:36

Instrument :

MSVOA_N

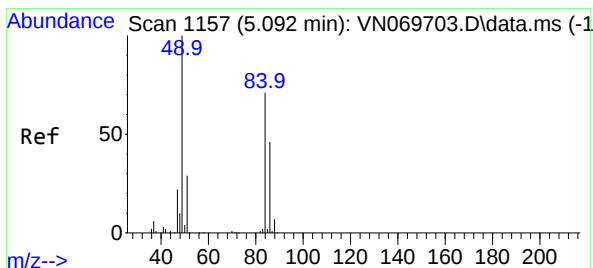
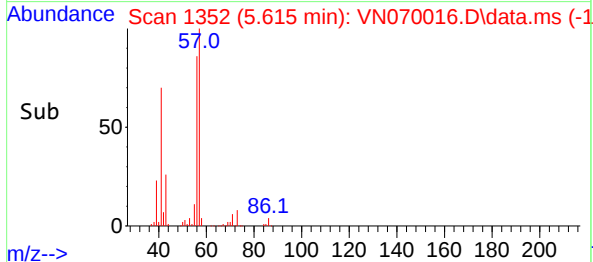
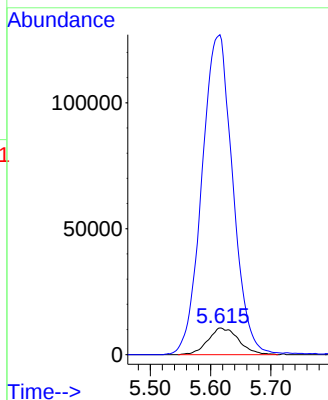
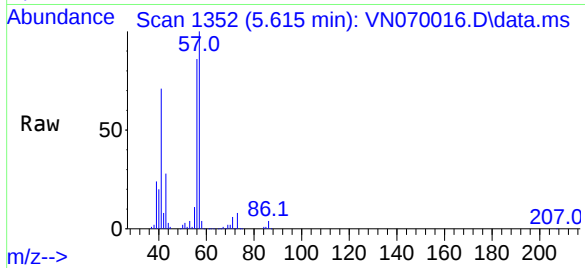
ClientSampleId :

Tgt Ion: 73 Resp: 37774

Ion Ratio Lower Upper

73 100

57 1190.9 16.8 25.2#



#20

Methylene Chloride

Concen: 0.407 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.003 min

Lab File: VN070016.D

Acq: 11 Dec 2021 18:36

Tgt Ion: 84 Resp: 5955

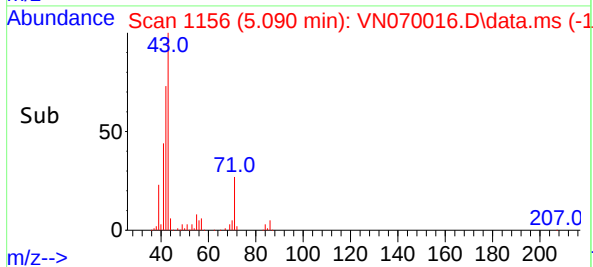
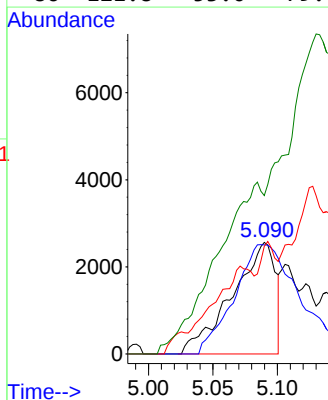
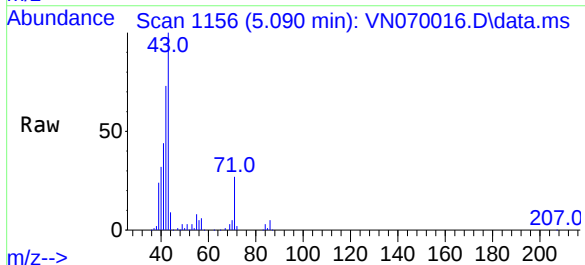
Ion Ratio Lower Upper

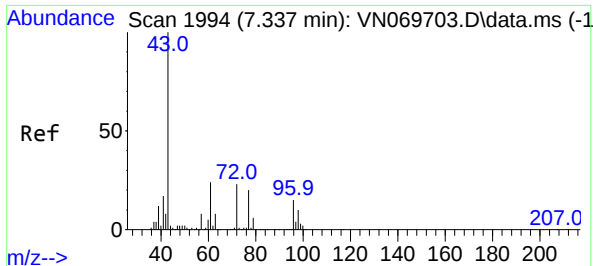
84 100

49 97.7 93.5 140.3

51 78.0 29.4 44.2#

86 121.8 53.0 79.4#

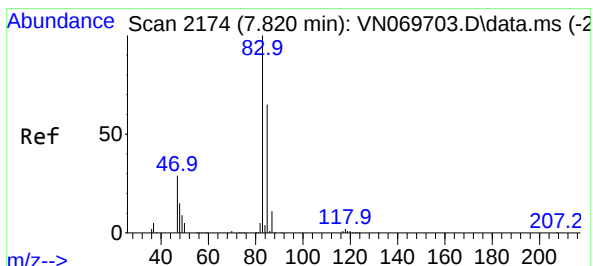
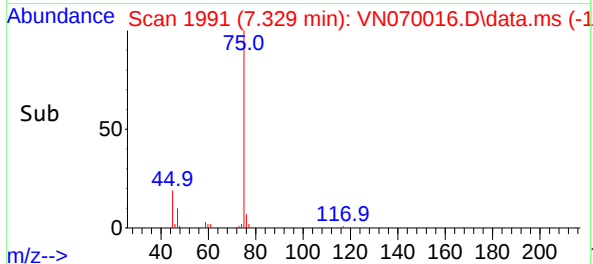
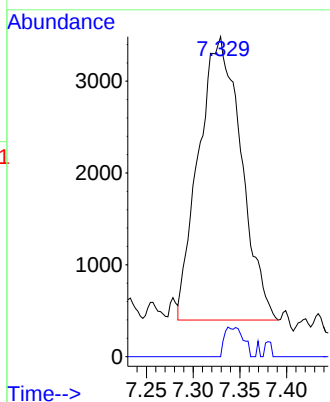
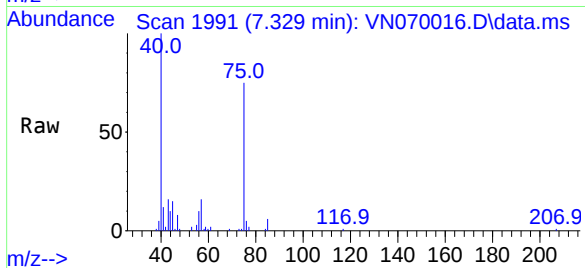




#25
2-Butanone
Concen: 0.653 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.008 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

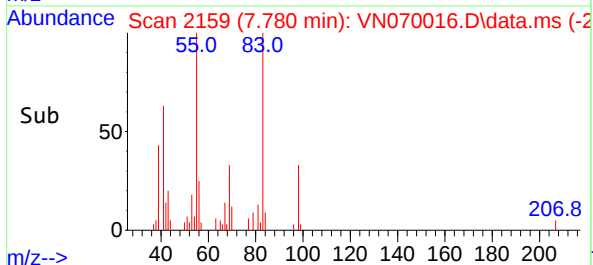
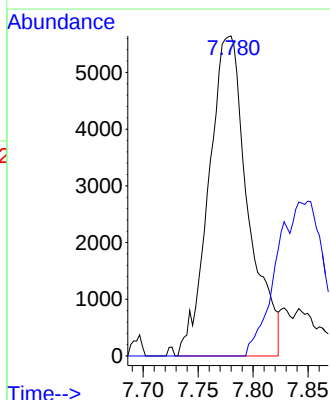
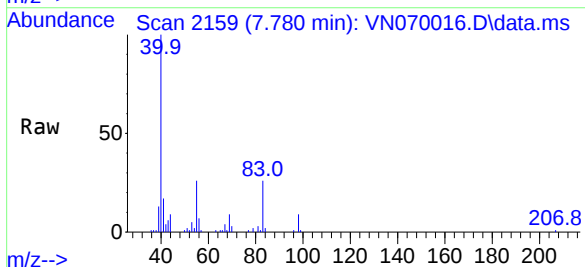
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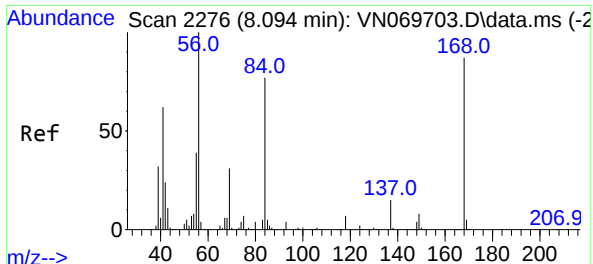
Tgt Ion: 43 Resp: 9764
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#30
Chloroform
Concen: 0.536 ug/l
RT: 7.780 min Scan# 2159
Delta R.T. -0.040 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

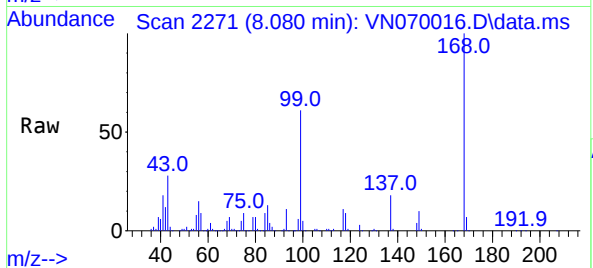
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Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



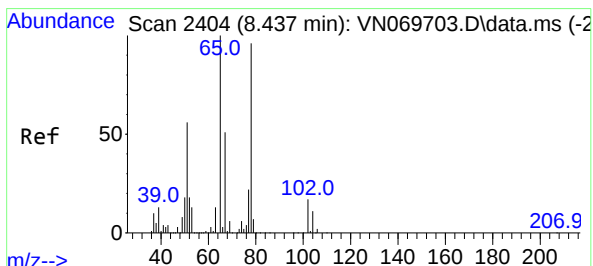
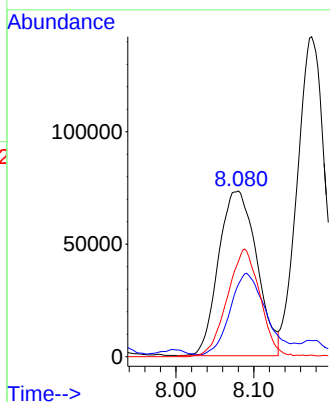
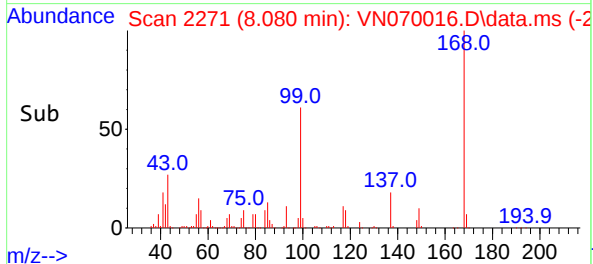


#31
Cyclohexane
Concen: 9.820 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.013 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Instrument :
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ClientSampleId :

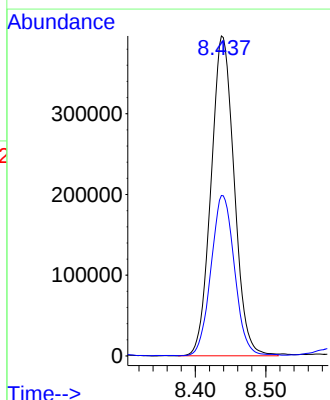
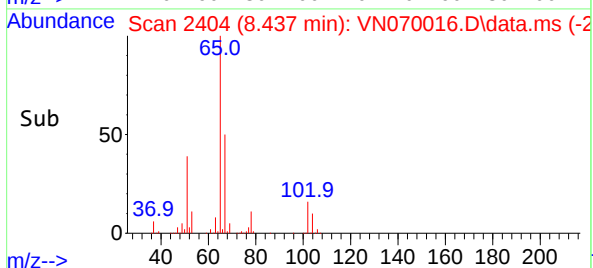
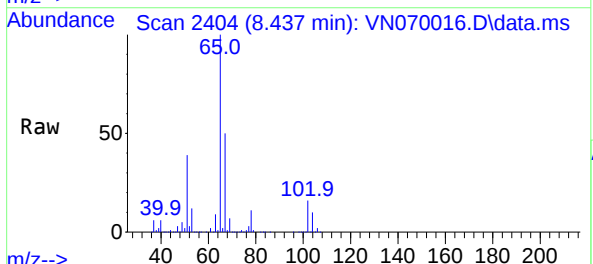


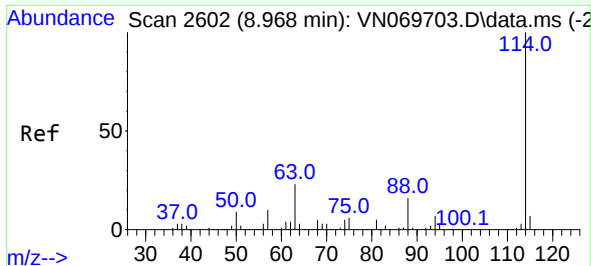
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Ion Ratio Lower Upper
56 100
69 39.9 27.1 40.7
84 57.9 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 49.468 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 65 Resp: 904846
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

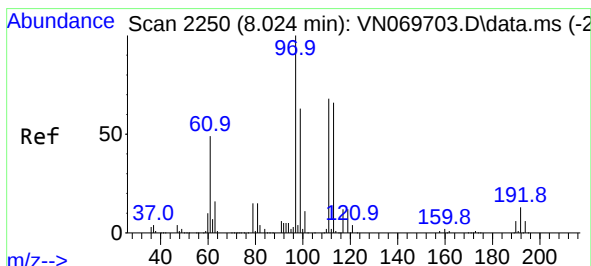
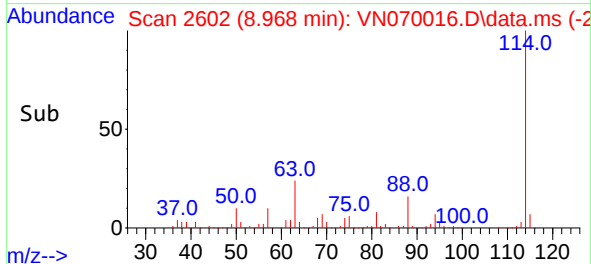
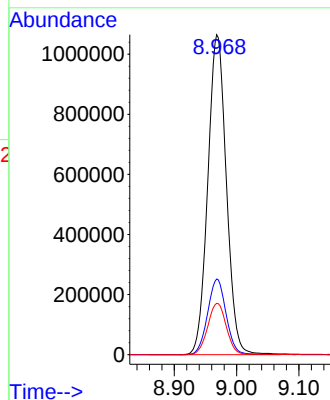
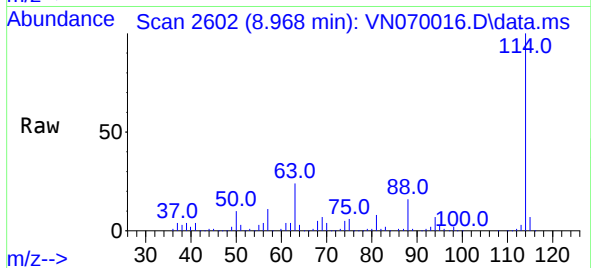




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 214
Delta R.T. -0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

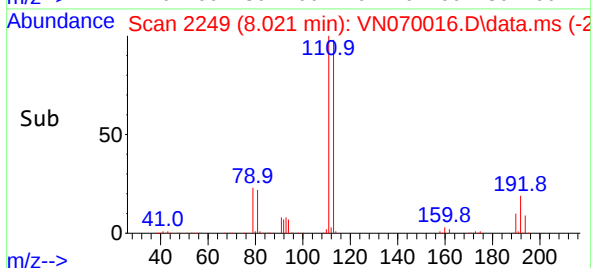
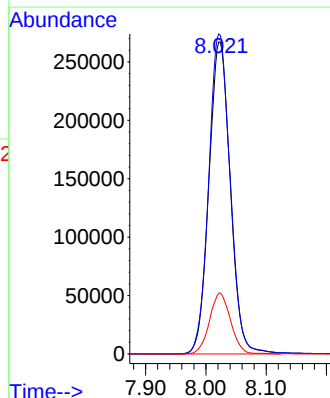
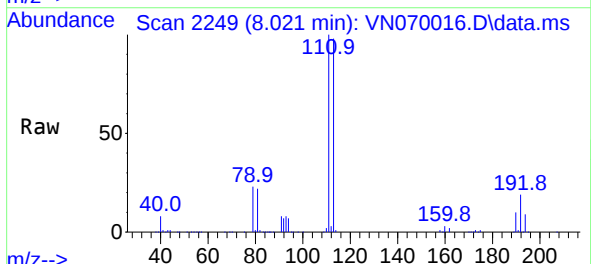
Instrument :
MSVOA_N
ClientSampleId :

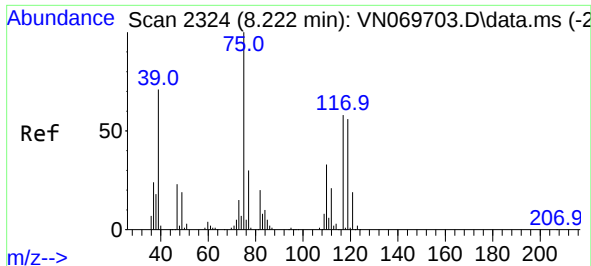
Tgt Ion:114 Resp: 2204590
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.701 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

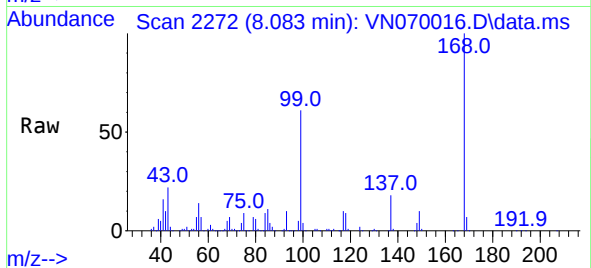
Tgt Ion:113 Resp: 658703
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.3 16.9 25.3



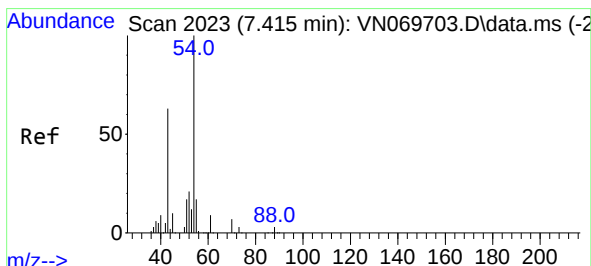
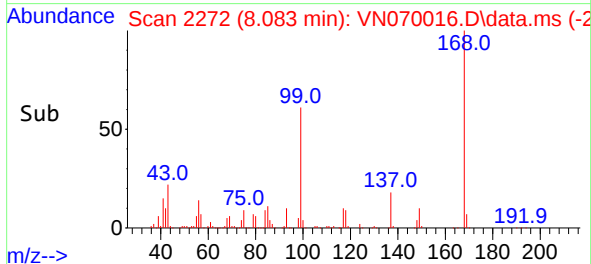
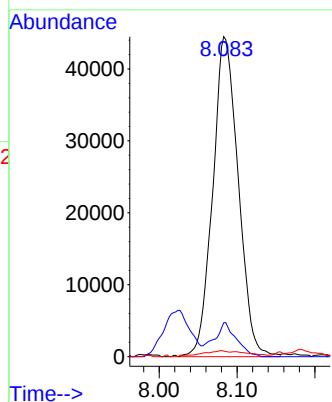


#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.139 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Instrument :
MSVOA_N
ClientSampleId :

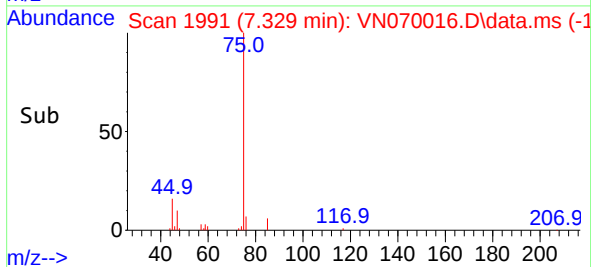
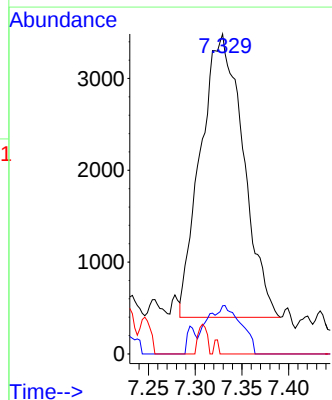
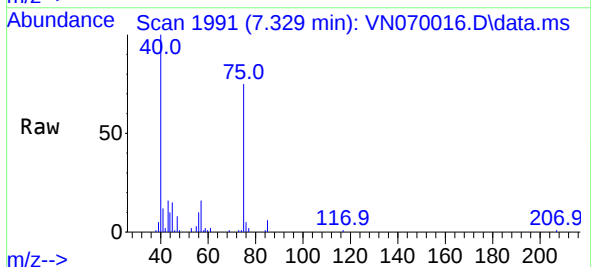


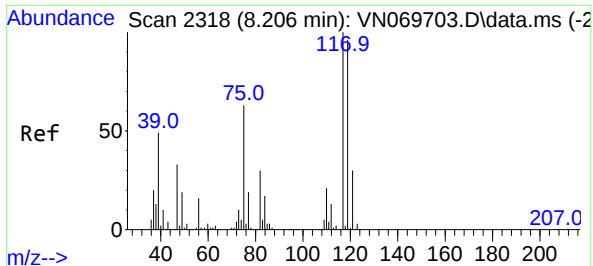
Tgt Ion: 75 Resp: 101097
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.313 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.086 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

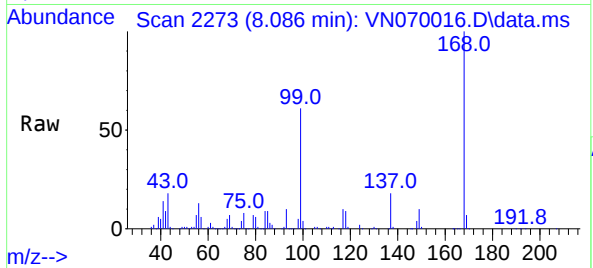
Tgt Ion: 43 Resp: 9764
Ion Ratio Lower Upper
43 100
61 2.3 11.5 17.3#
70 0.0 7.9 11.9#



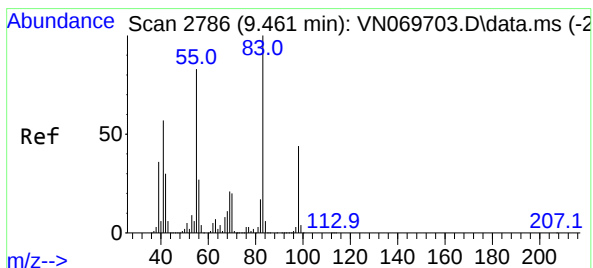
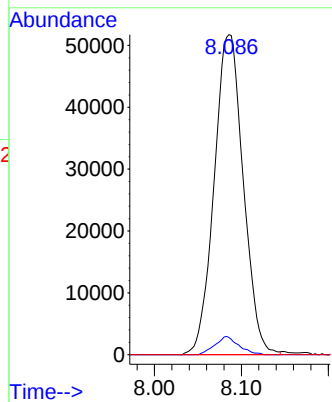
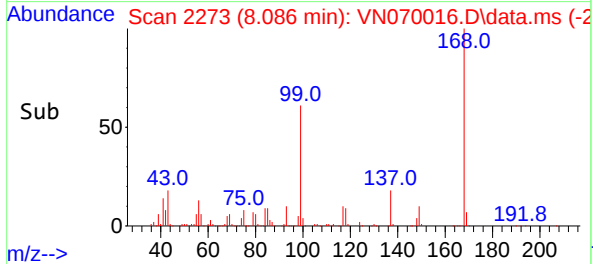


#38
Carbon Tetrachloride
Concen: 5.853 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.121 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Instrument :
MSVOA_N
ClientSampleId :

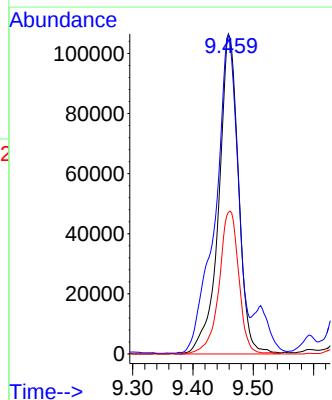
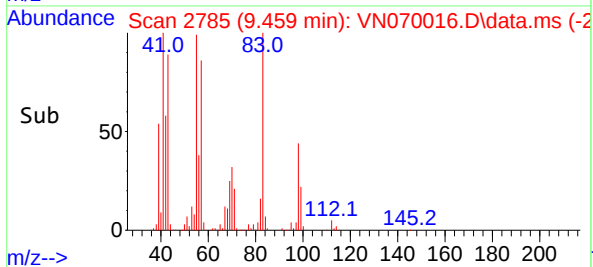
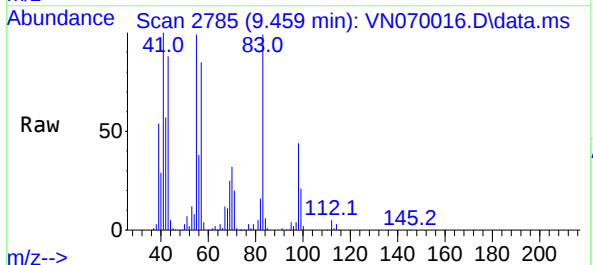


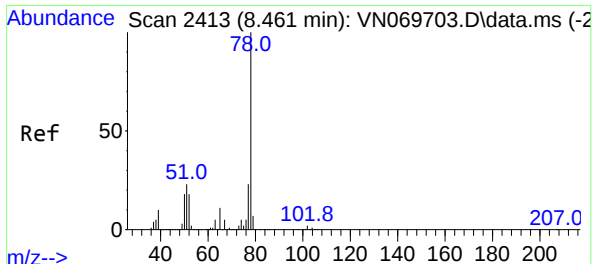
Tgt Ion:117 Resp: 120453
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 9.742 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 83 Resp: 243188
Ion Ratio Lower Upper
83 100
55 99.3 58.1 87.1#
98 44.2 38.4 57.6

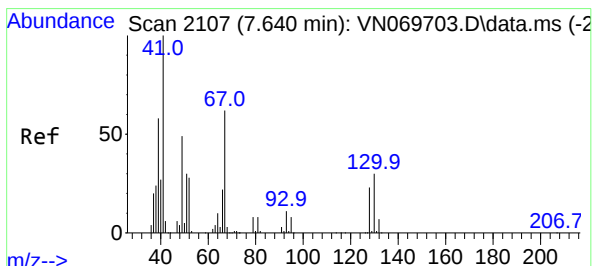
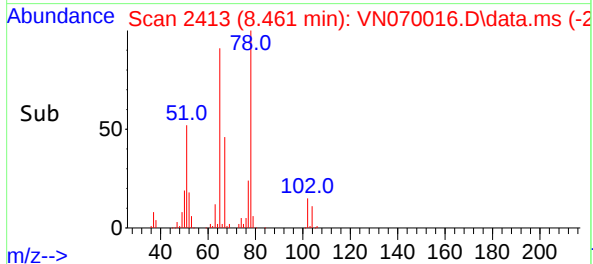
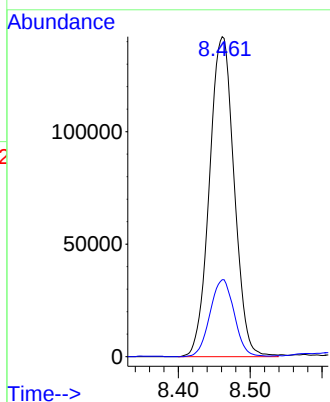
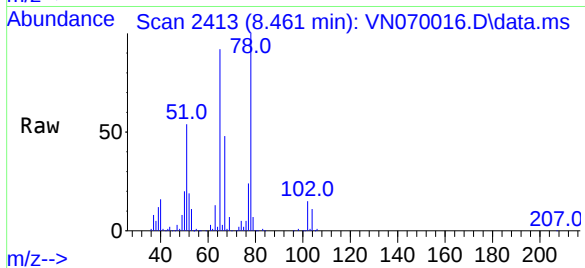




#40
Benzene
Concen: 5.289 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

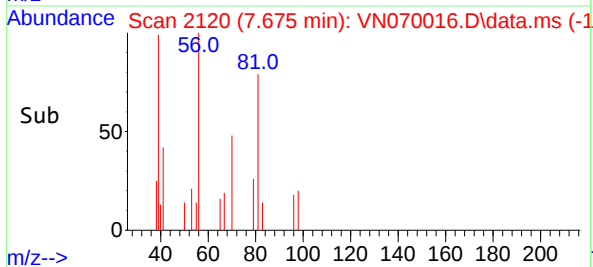
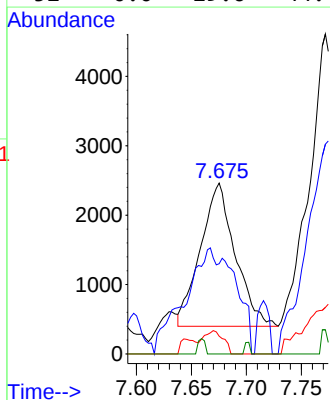
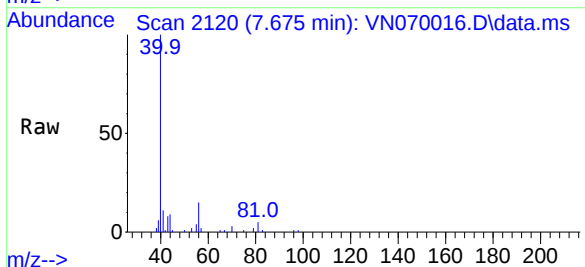
Instrument :
MSVOA_N
ClientSampleId :

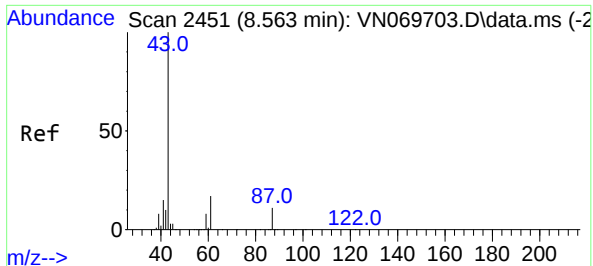
Tgt Ion: 78 Resp: 339281
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8



#41
Methacrylonitrile
Concen: 0.310 ug/l
RT: 7.675 min Scan# 2120
Delta R.T. 0.035 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

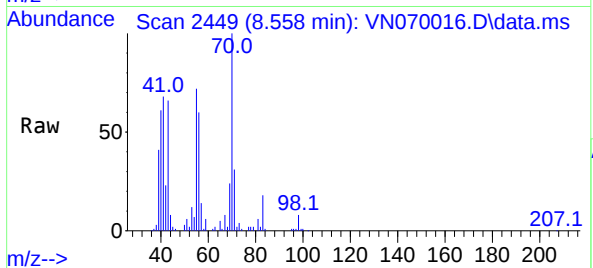
Tgt Ion: 41 Resp: 4539
Ion Ratio Lower Upper
41 100
39 66.6 48.1 72.1
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



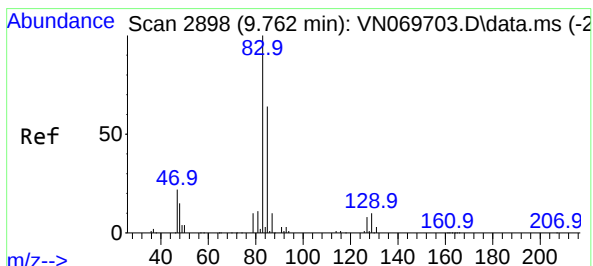
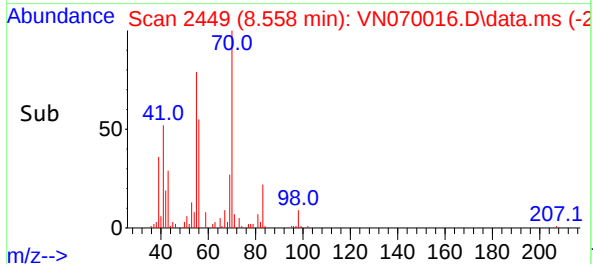
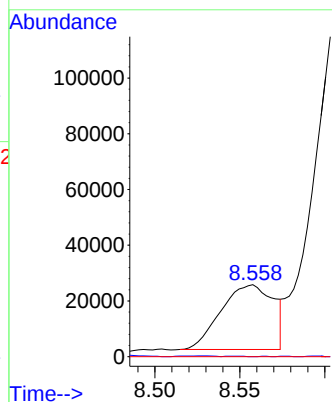


#43
Isopropyl Acetate
Concen: 1.088 ug/l
RT: 8.558 min Scan# 2451
Delta R.T. -0.005 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Instrument :
MSVOA_N
ClientSampleId :

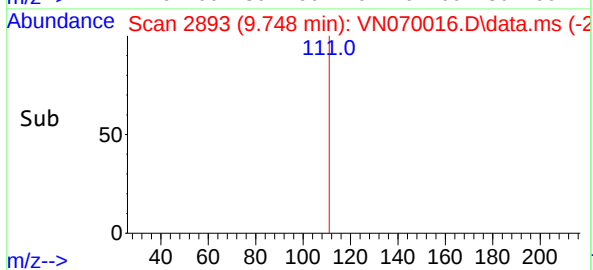
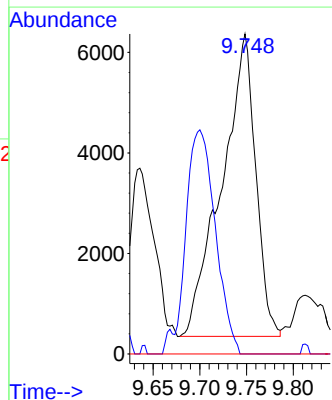
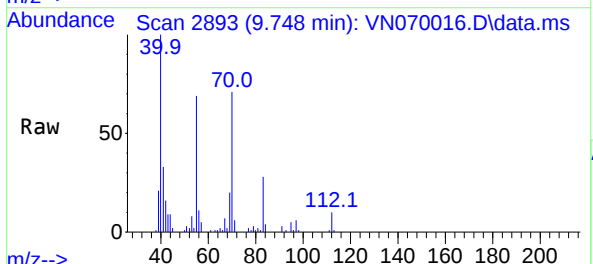


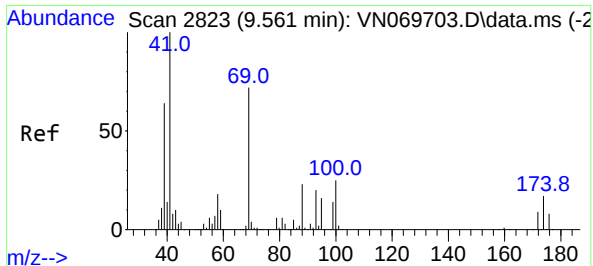
Tgt Ion: 43 Resp: 50301
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.711 ug/l
RT: 9.748 min Scan# 2893
Delta R.T. -0.013 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 83 Resp: 15218
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#

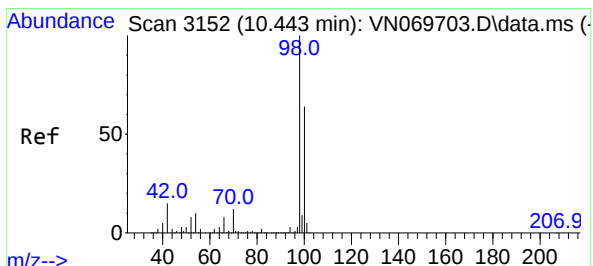
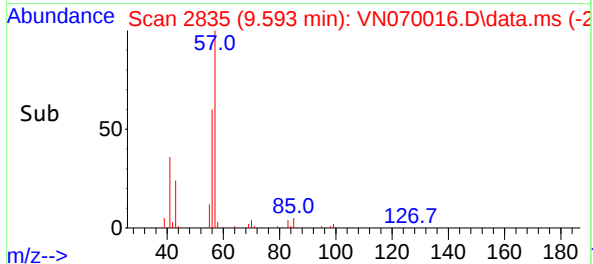
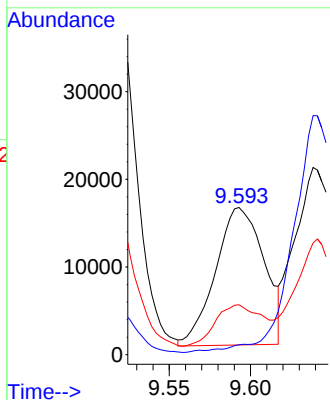
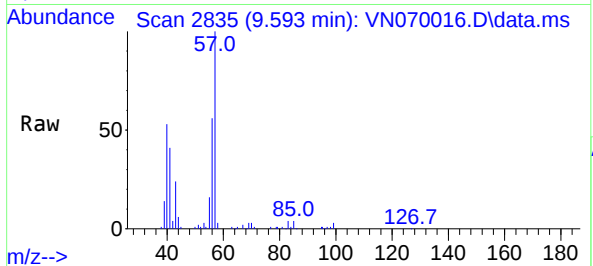




#48
Methyl methacrylate
Concen: 1.514 ug/l
RT: 9.593 min Scan# 21
Delta R.T. 0.032 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

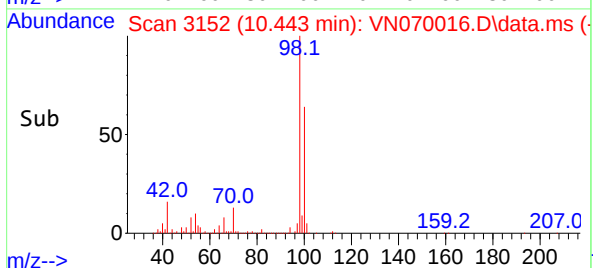
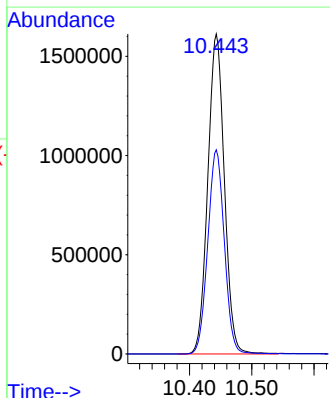
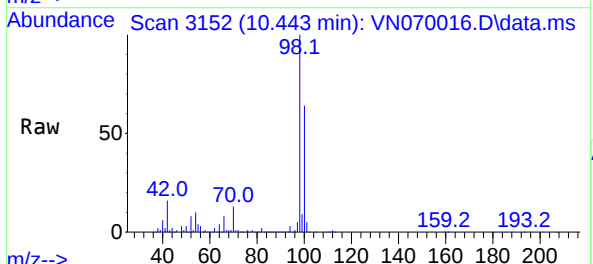
Instrument :
MSVOA_N
ClientSampleId :

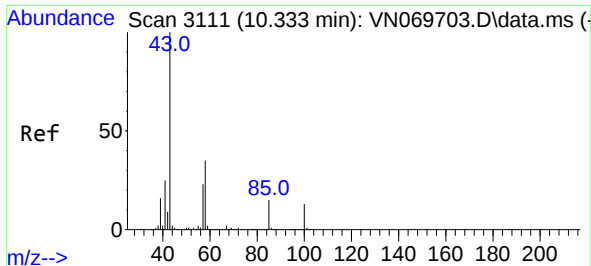
Tgt Ion: 41 Resp: 32666
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 28.3 58.4 87.6#



#50
Toluene-d8
Concen: 53.689 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 98 Resp: 2976963
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

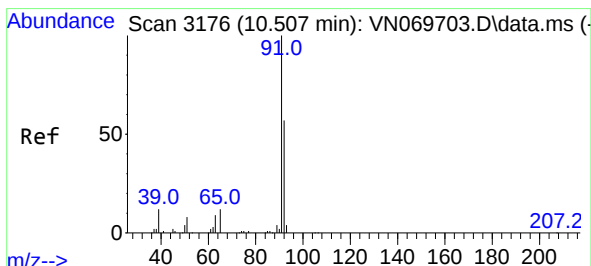
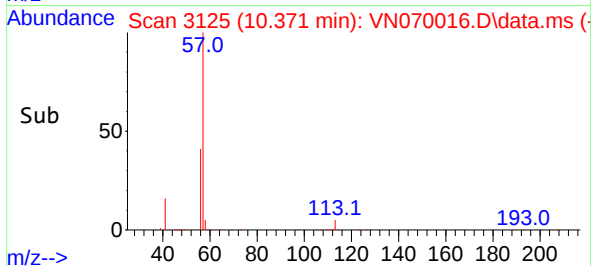
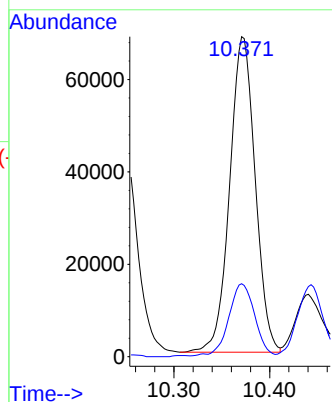
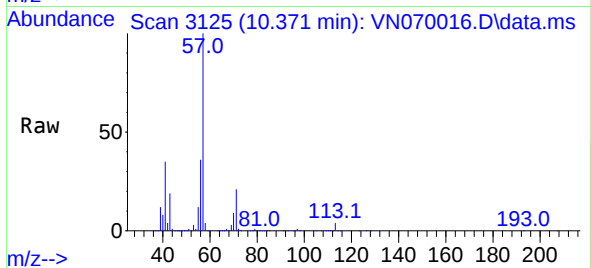




#51
4-Methyl-2-Pentanone
Concen: 4.212 ug/l
RT: 10.371 min Scan# 3111
Delta R.T. 0.038 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

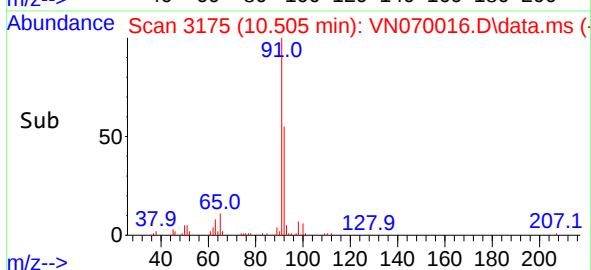
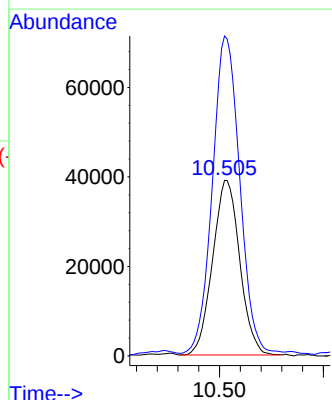
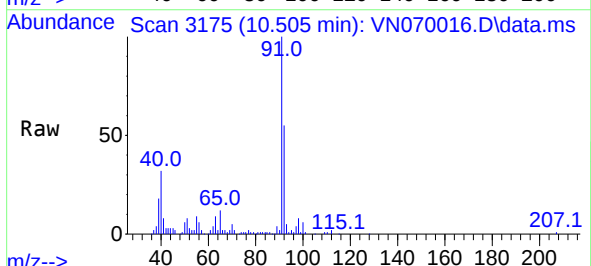
Instrument :
MSVOA_N
ClientSampleId :

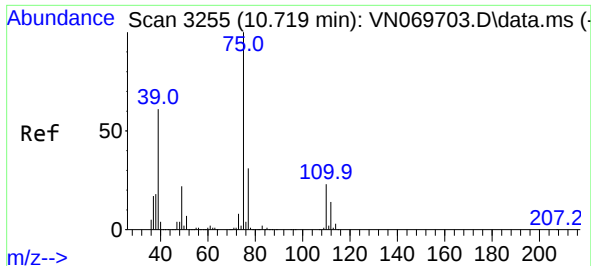
Tgt Ion: 43 Resp: 126306
Ion Ratio Lower Upper
43 100
58 21.9 30.4 45.6#



#52
Toluene
Concen: 1.806 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 92 Resp: 70745
Ion Ratio Lower Upper
92 100
91 182.5 142.0 213.0

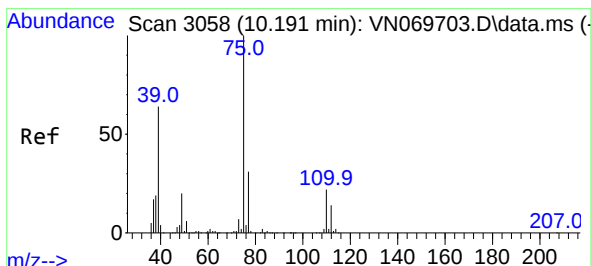
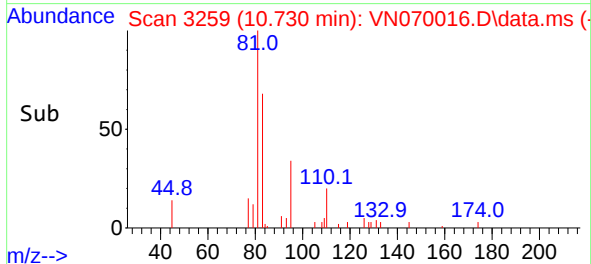
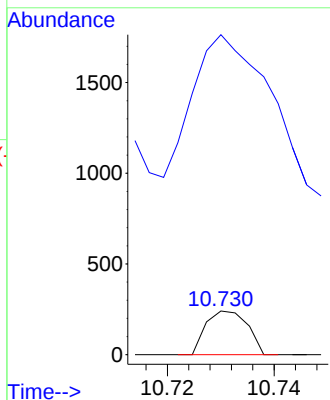
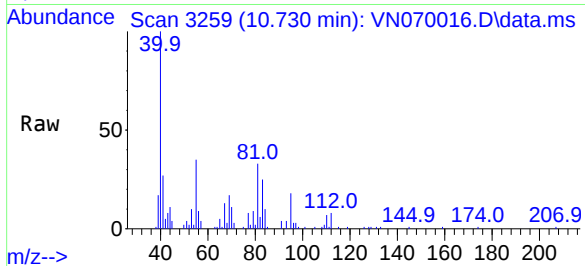




#53
t-1,3-Dichloropropene
Concen: 2.799 ug/l
RT: 10.730 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

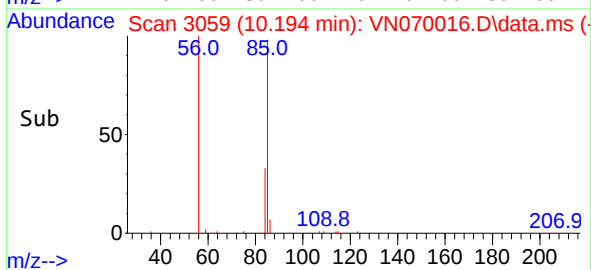
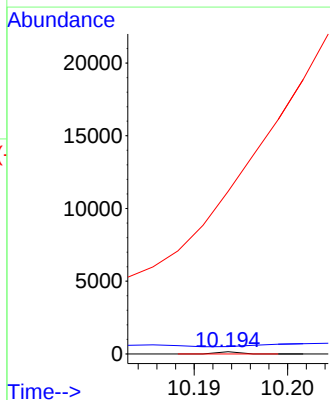
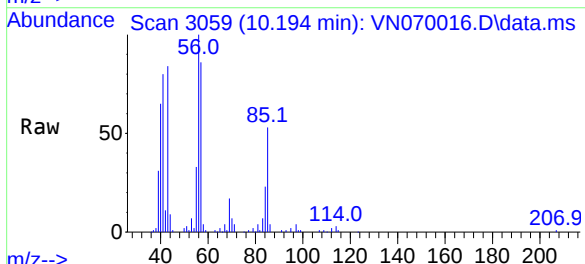
Instrument :
MSVOA_N
ClientSampleId :

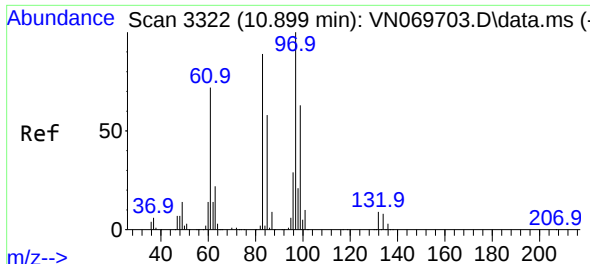
Tgt Ion: 75 Resp: 130
Ion Ratio Lower Upper
75 100
77 246.9 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.000 ug/l
RT: 10.194 min Scan# 3059
Delta R.T. 0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

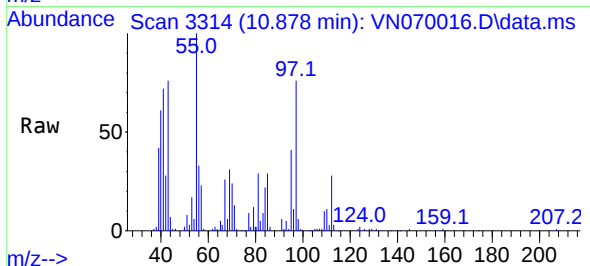
Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 2606.4 42.5 63.7#



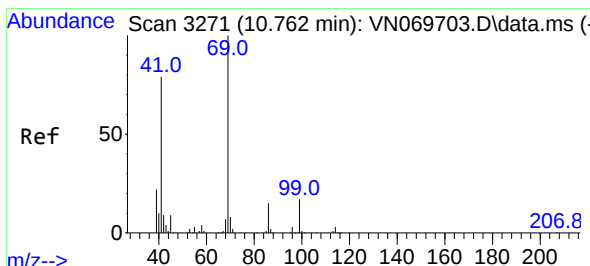
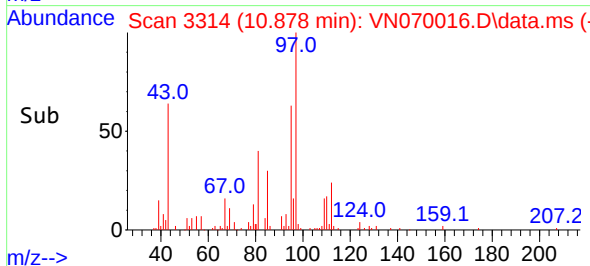
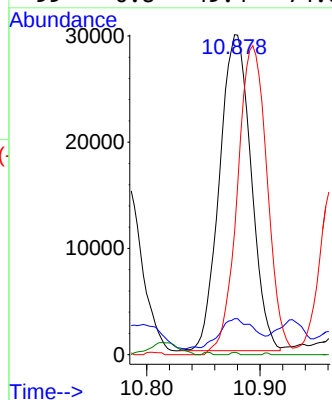


#55
1,1,2-Trichloroethane
Concen: 3.642 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Instrument :
MSVOA_N
ClientSampleId :

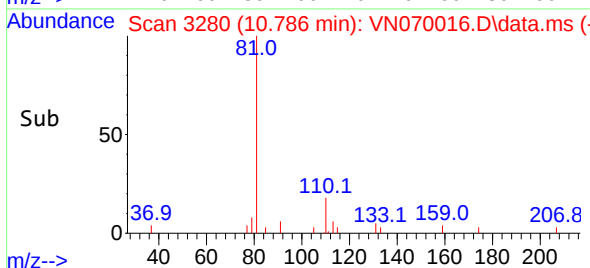
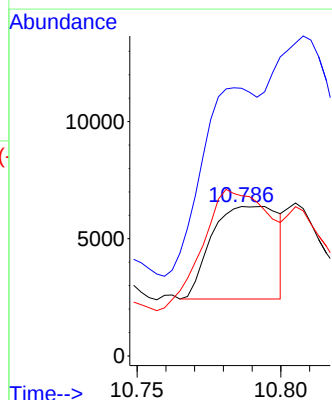
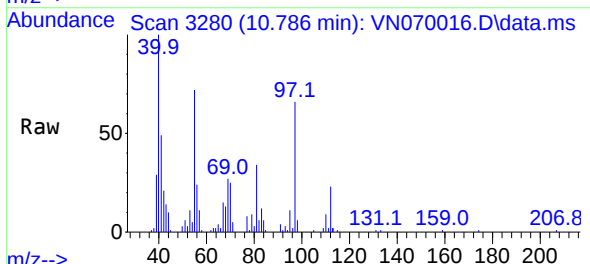


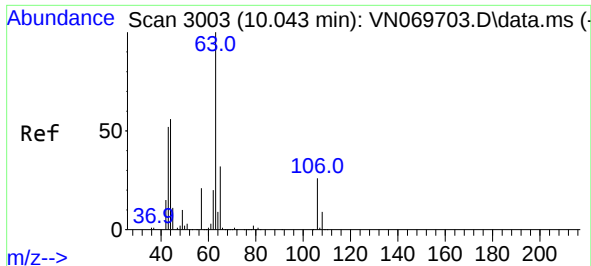
Tgt Ion: 97 Resp: 57544
Ion Ratio Lower Upper
97 100
83 9.3 67.8 101.6#
85 38.8 45.4 68.2#
99 0.8 49.4 74.0#



#56
Ethyl methacrylate
Concen: 2.481 ug/l
RT: 10.786 min Scan# 3280
Delta R.T. 0.024 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 69 Resp: 6304
Ion Ratio Lower Upper
69 100
41 168.0 51.4 77.0#
39 134.5 34.6 52.0#

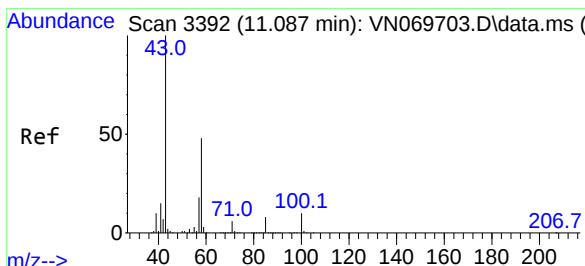
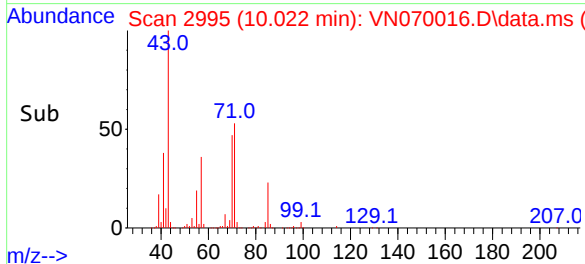
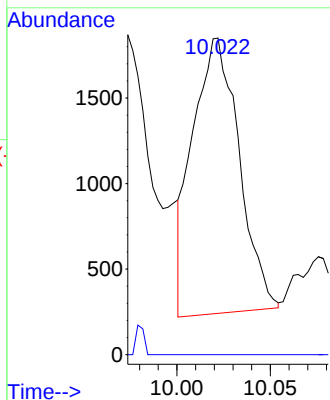
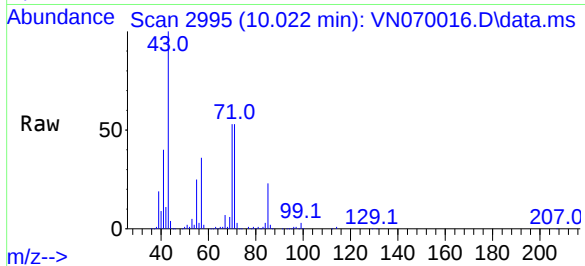




#58
2-Chloroethyl Vinyl ether
Concen: 18.708 ug/l
RT: 10.022 min Scan# 2995
Delta R.T. -0.021 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

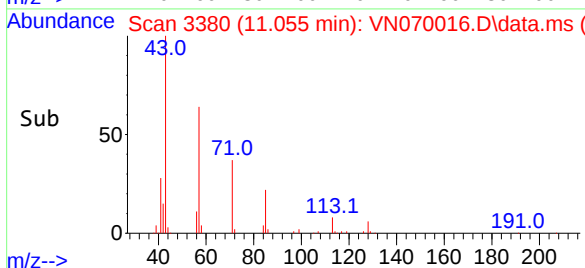
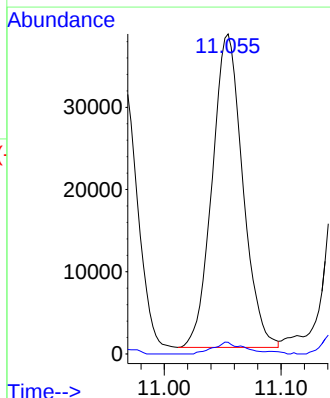
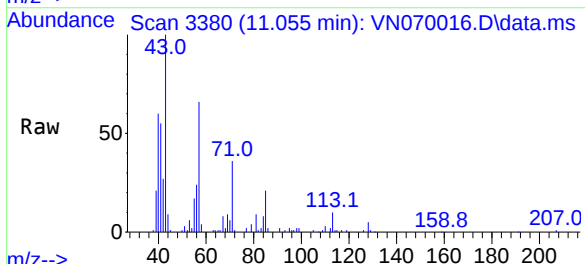
Instrument :
MSVOA_N
ClientSampleId :

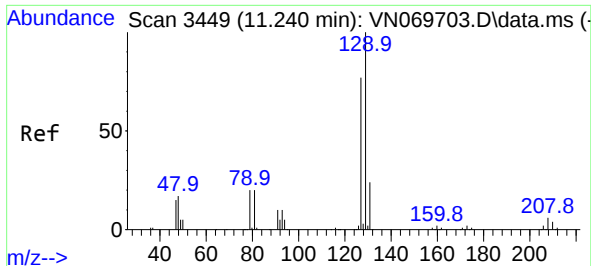
Tgt Ion: 63 Resp: 2777
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 3.059 ug/l
RT: 11.055 min Scan# 3380
Delta R.T. -0.032 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 43 Resp: 69397
Ion Ratio Lower Upper
43 100
58 3.7 26.9 80.7#

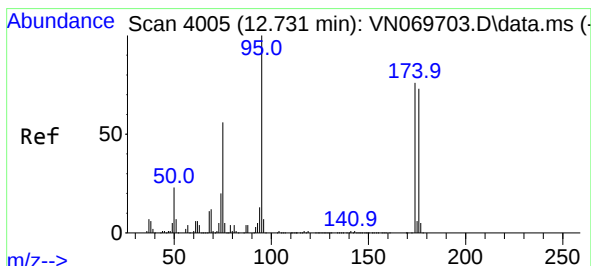
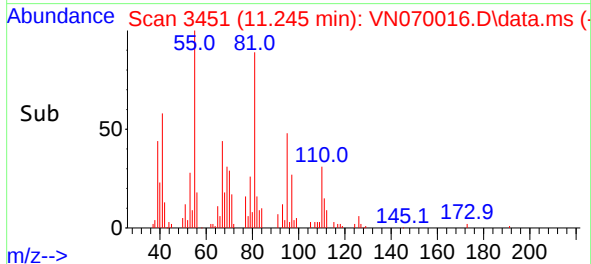
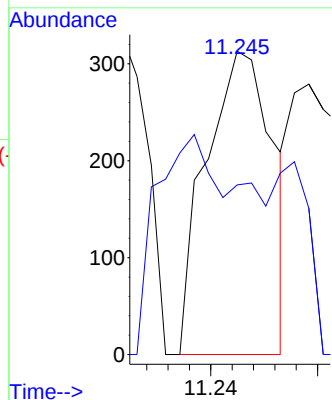
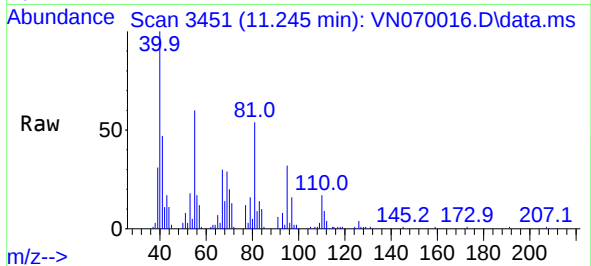




#60
Dibromochloromethane
Concen: 2.392 ug/l
RT: 11.245 min Scan# 3449
Delta R.T. 0.005 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

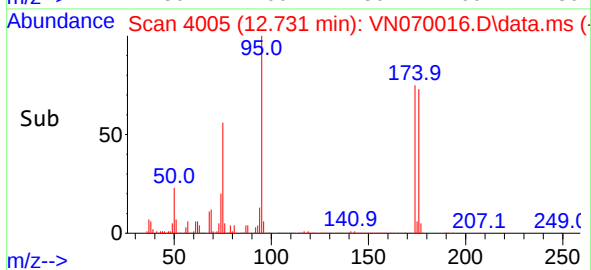
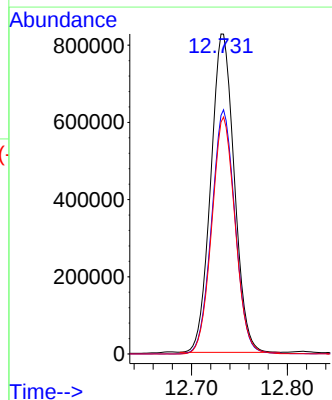
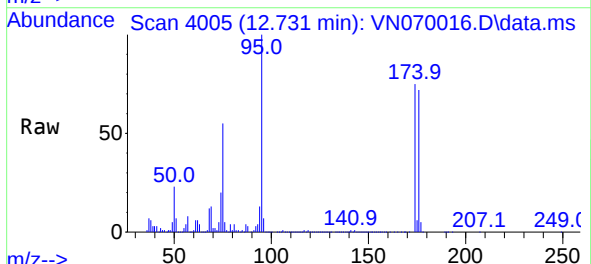
Instrument :
MSVOA_N
ClientSampleId :

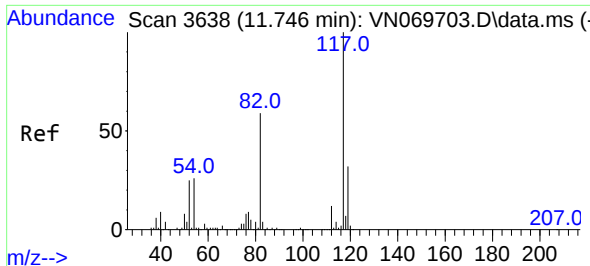
Tgt Ion:129 Resp: 273
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 69.855 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

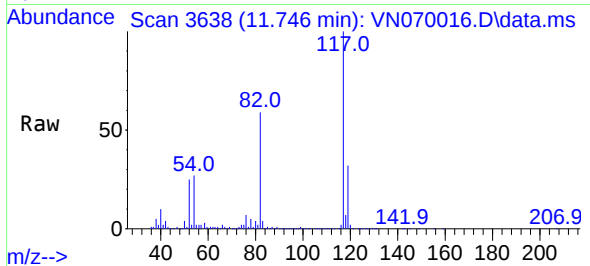
Tgt Ion: 95 Resp: 1403212
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 74.1 0.0 181.4





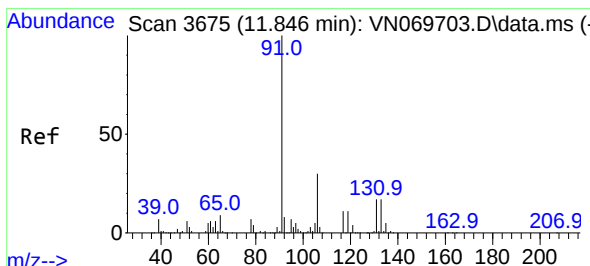
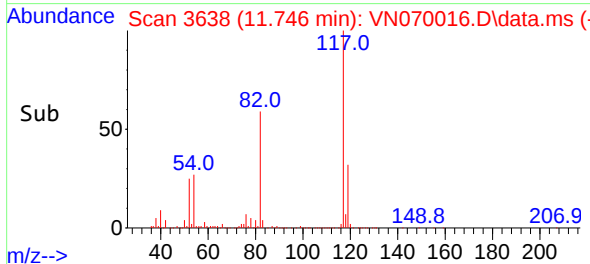
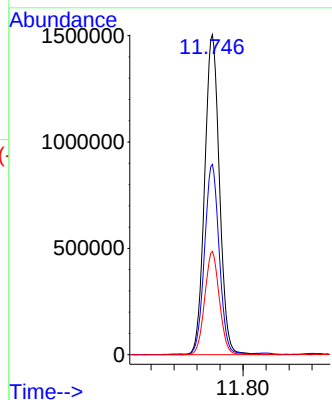
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 117 Resp: 2687296

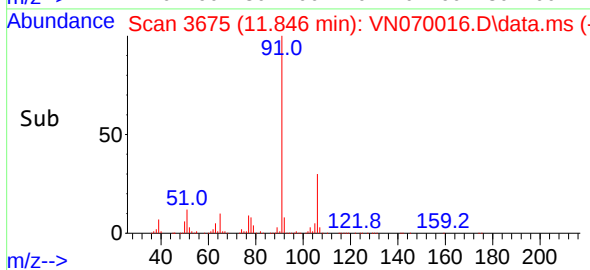
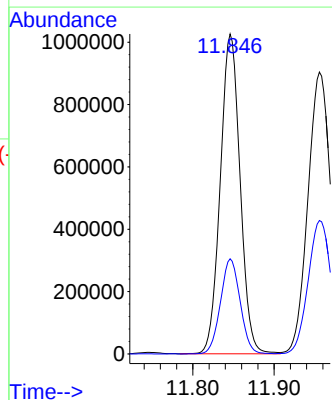
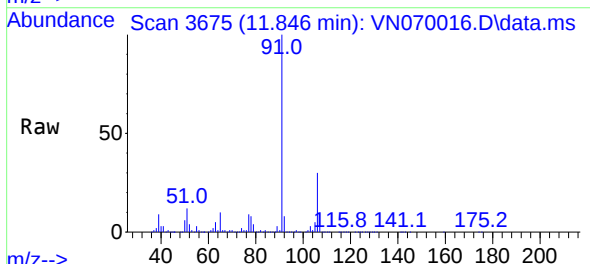
Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	32.3	25.4	38.2

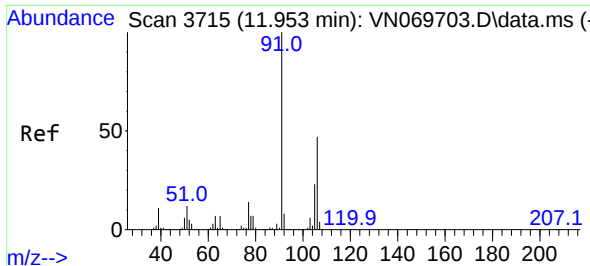


#67
Ethyl Benzene
Concen: 17.511 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 91 Resp: 1734143

Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.7	38.5

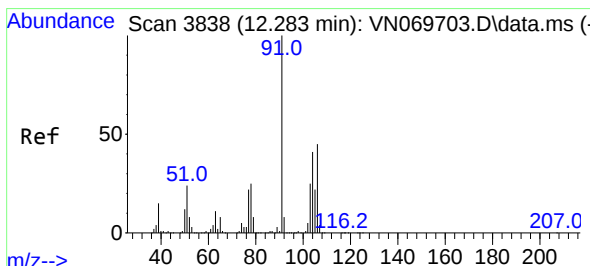
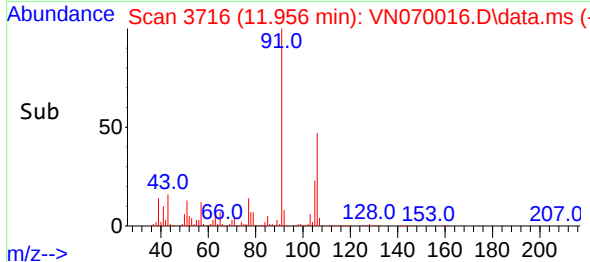
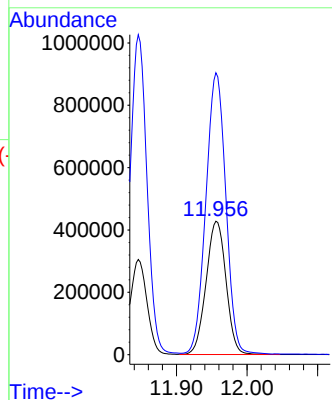
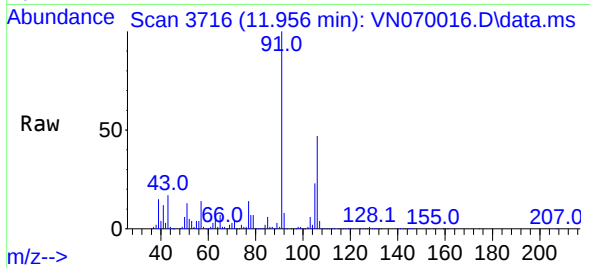




#68
m/p-Xylenes
Concen: 23.293 ug/l
RT: 11.956 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

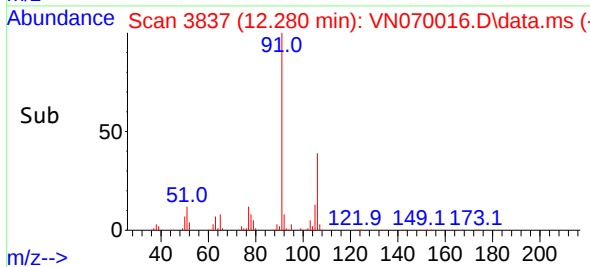
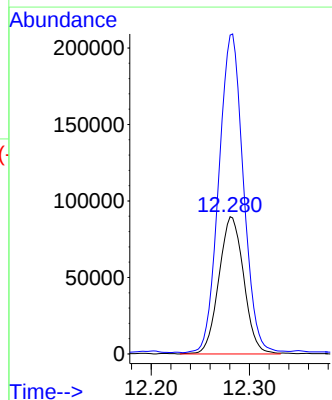
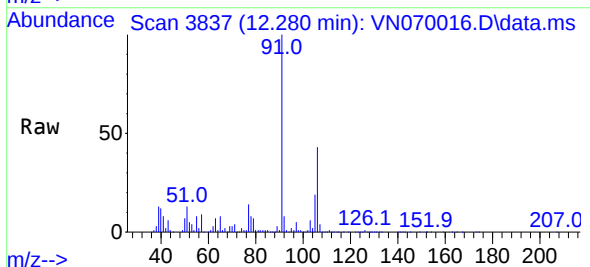
Instrument :
MSVOA_N
ClientSampleId :

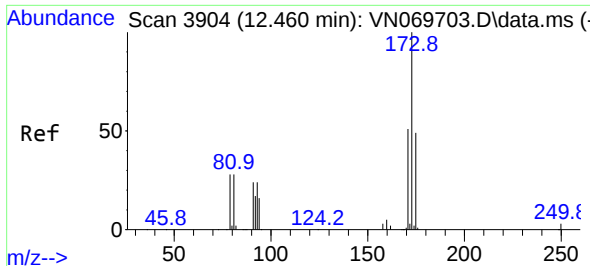
Tgt Ion:106 Resp: 839871
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8



#69
o-Xylene
Concen: 4.344 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion:106 Resp: 157765
Ion Ratio Lower Upper
106 100
91 229.2 105.8 317.3

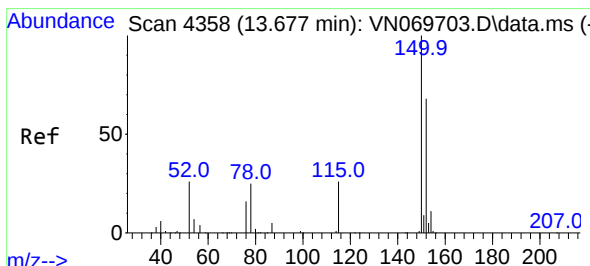
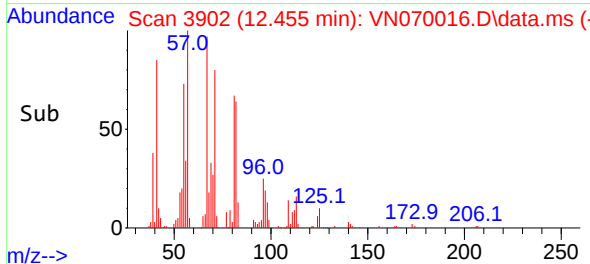
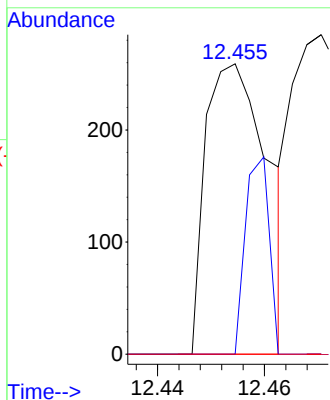
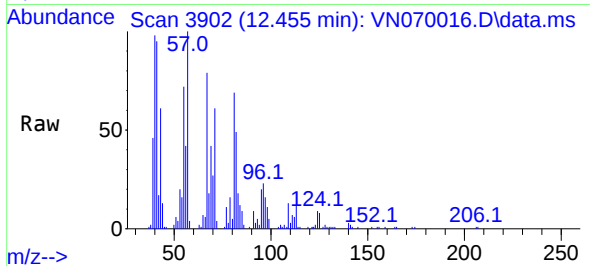




#71
Bromoform
Concen: 2.743 ug/l
RT: 12.455 min Scan# 3904
Delta R.T. -0.005 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

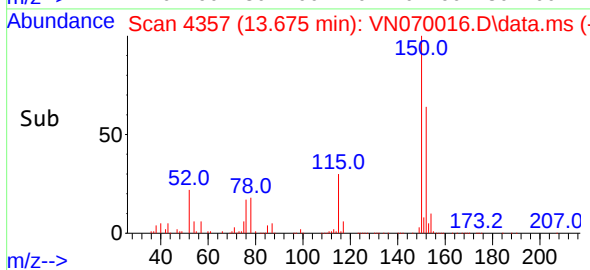
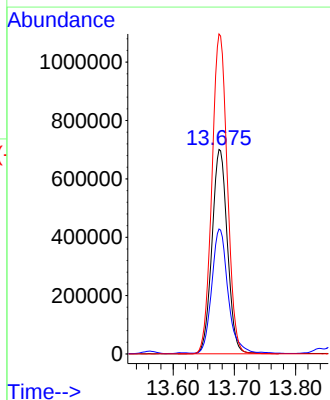
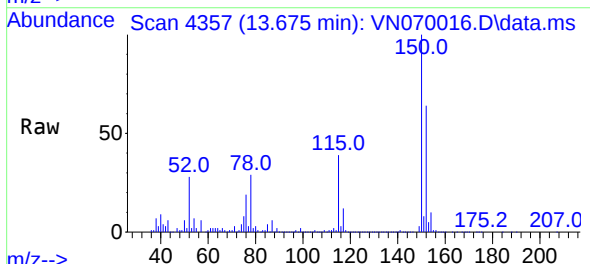
Instrument :
MSVOA_N
ClientSampleId :

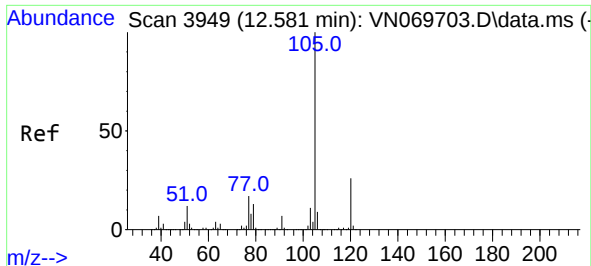
Tgt Ion:173 Resp: 208
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion:152 Resp: 1225199
Ion Ratio Lower Upper
152 100
115 63.7 27.5 82.5
150 156.3 0.0 344.4

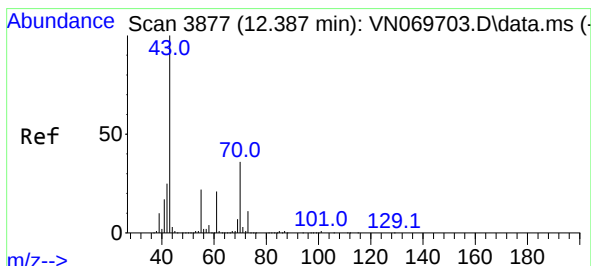
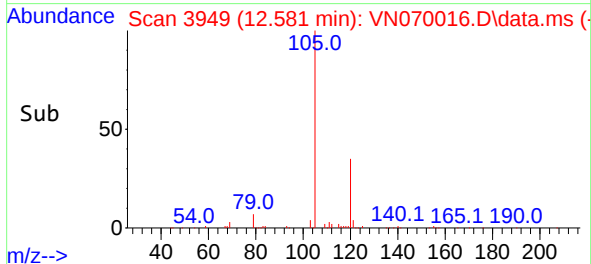
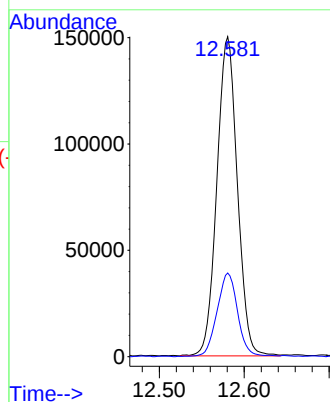
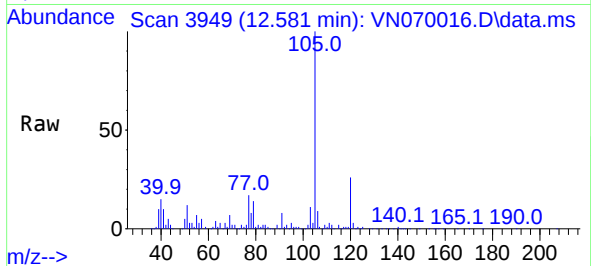




#73
Isopropylbenzene
Concen: 2.306 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

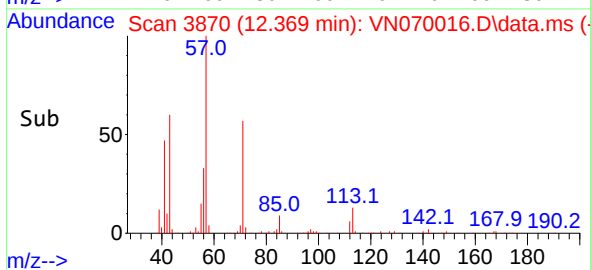
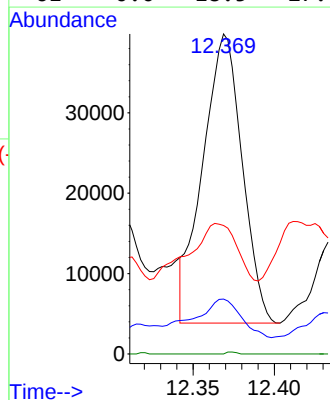
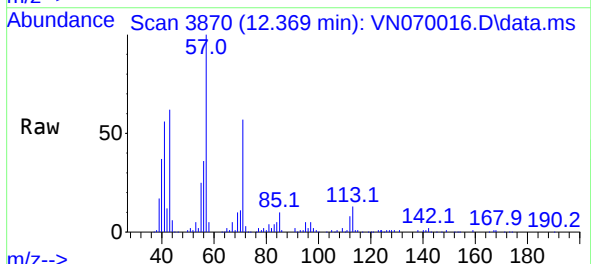
Instrument :
MSVOA_N
ClientSampleId :

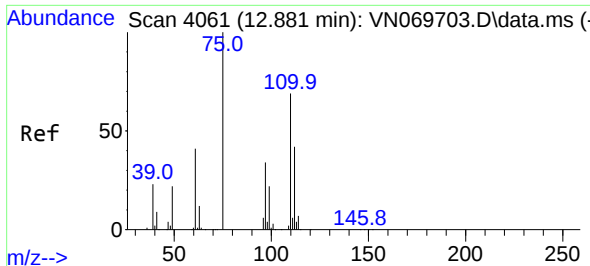
Tgt Ion:105 Resp: 251363
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#74
N-ethyl acetate
Concen: 1.258 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.019 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 43 Resp: 60624
Ion Ratio Lower Upper
43 100
70 15.5 33.4 50.0#
55 23.4 19.3 28.9
61 0.0 18.5 27.7#

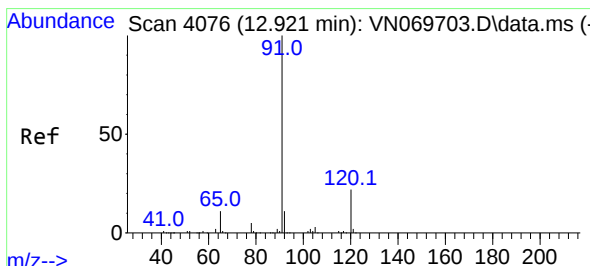
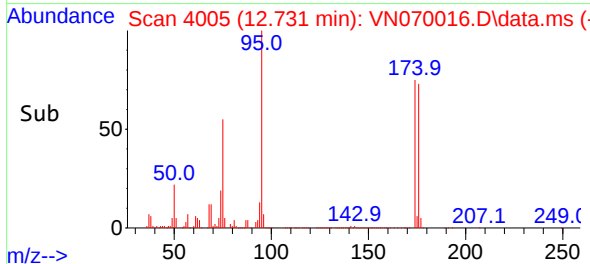
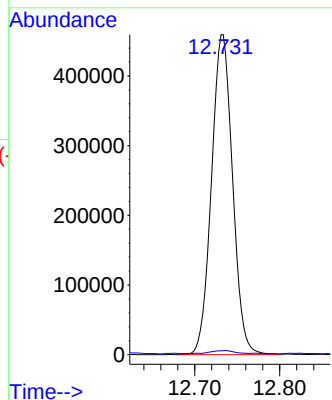
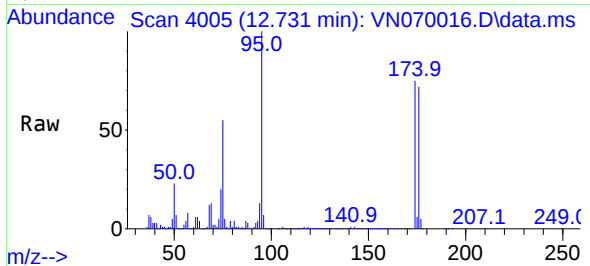




#76
1,2,3-Trichloropropane
Concen: 22.538 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

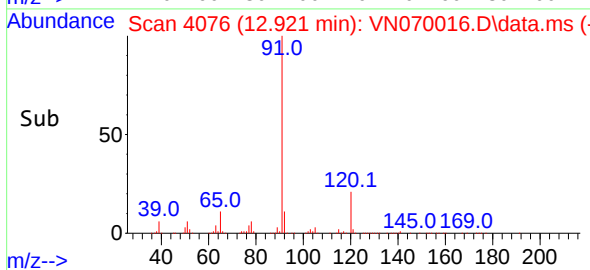
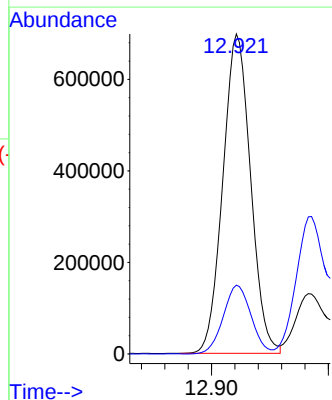
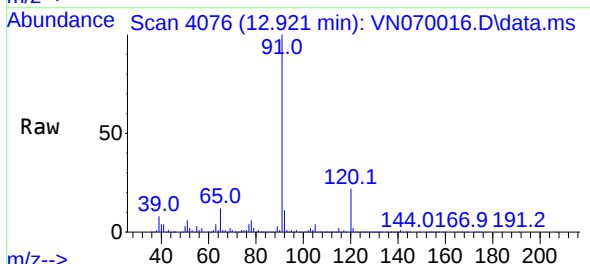
Instrument :
MSVOA_N
ClientSampleId :

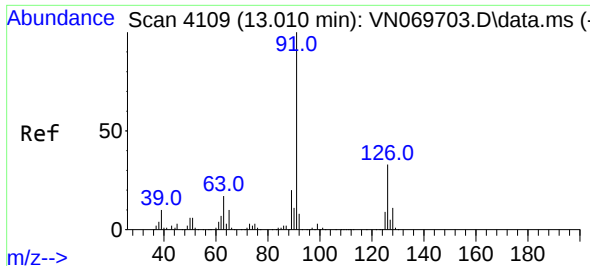
Tgt Ion: 75 Resp: 791885
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#78
n-propylbenzene
Concen: 9.487 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 91 Resp: 1150821
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

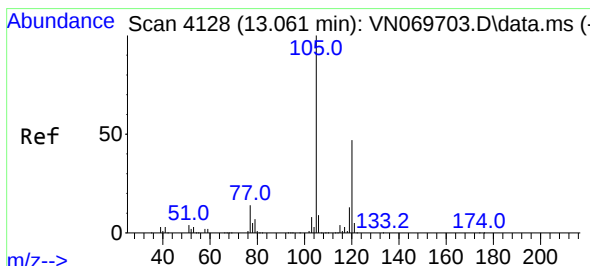
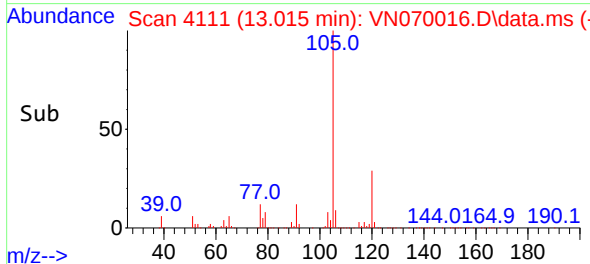
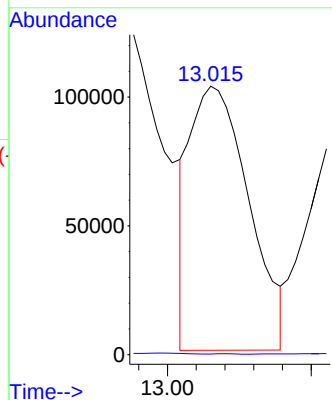
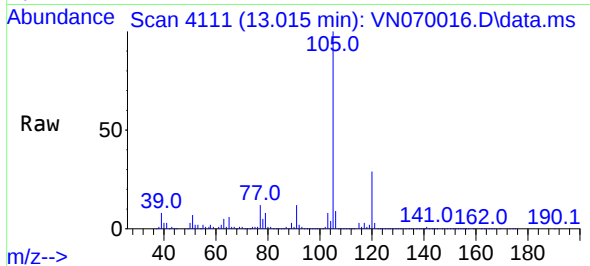




#79
2-Chlorotoluene
Concen: 1.908 ug/l
RT: 13.015 min Scan# 4109
Delta R.T. 0.005 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

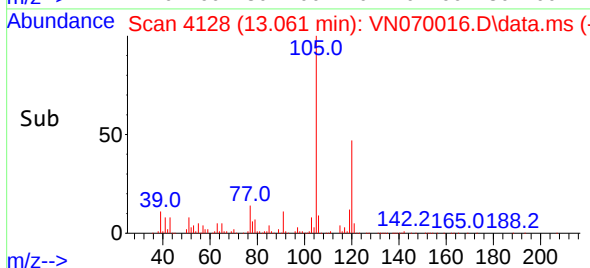
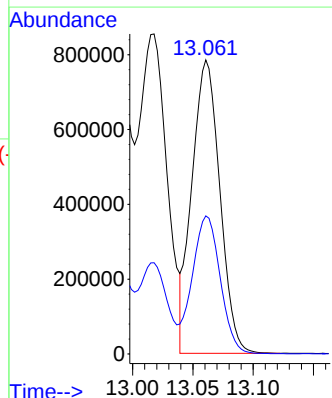
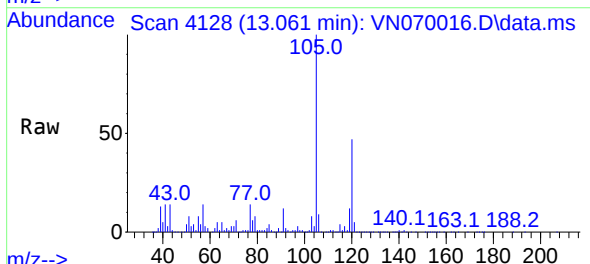
Instrument :
MSVOA_N
ClientSampleId :

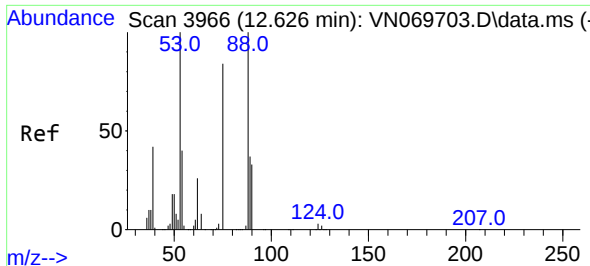
Tgt Ion: 91 Resp: 146256
Ion Ratio Lower Upper
91 100
126 0.1 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 14.377 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 105 Resp: 1261398
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6

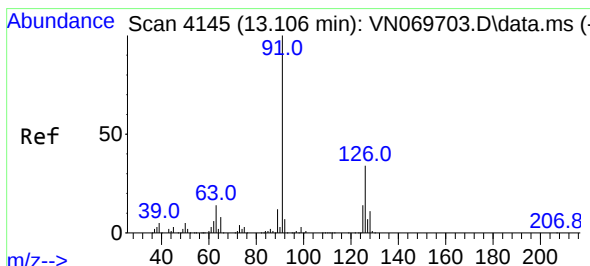
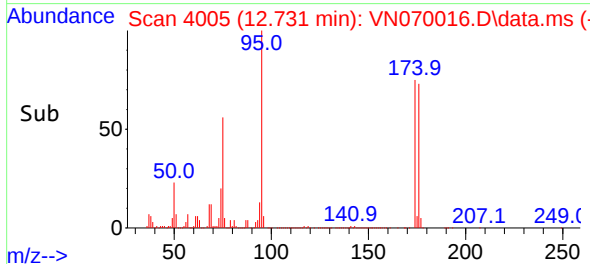
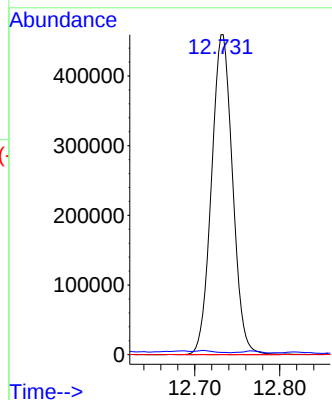
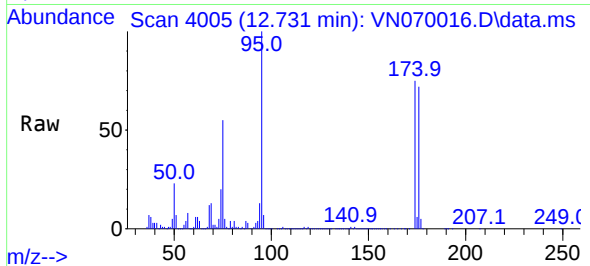




#81
trans-1,4-Dichloro-2-butene
Concen: 71.833 ug/l
RT: 12.731 min Scan# 4015
Delta R.T. 0.105 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

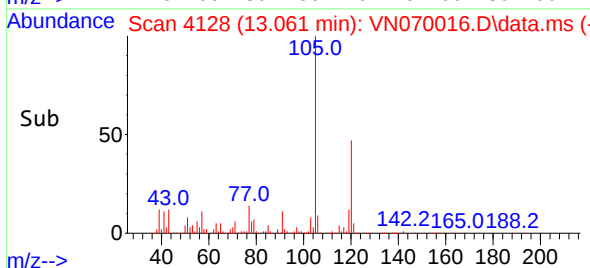
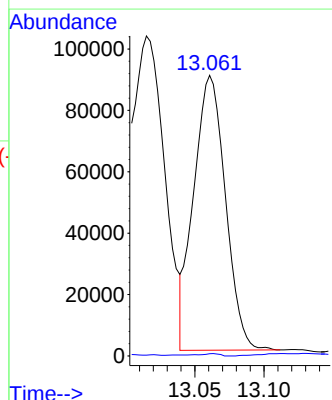
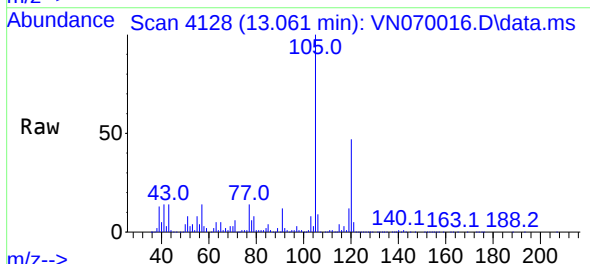
Instrument :
MSVOA_N
ClientSampleId :

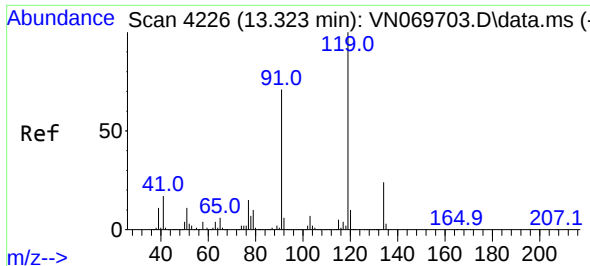
Tgt Ion: 75 Resp: 791885
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 1.977 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.046 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion: 91 Resp: 142500
Ion Ratio Lower Upper
91 100
126 0.7 18.2 54.6#

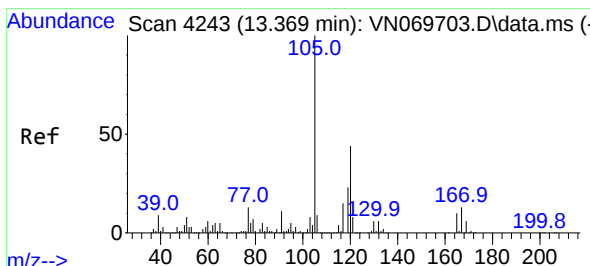
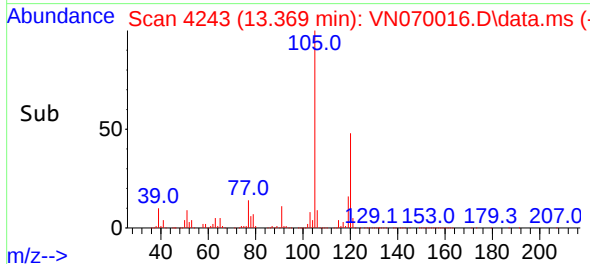
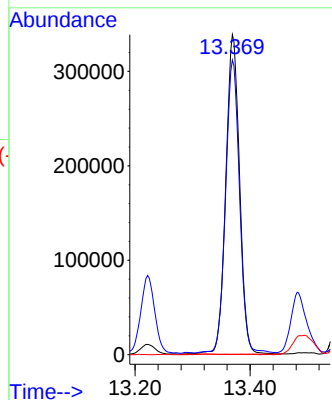
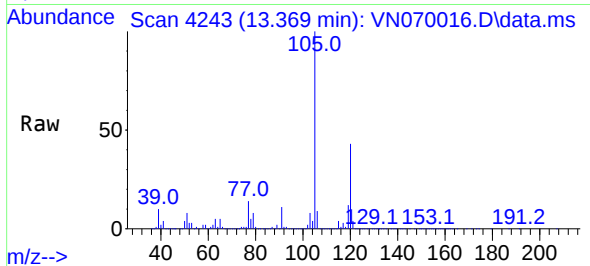




#83
tert-Butylbenzene
Concen: 7.250 ug/l
RT: 13.369 min Scan# 4226
Delta R.T. 0.046 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

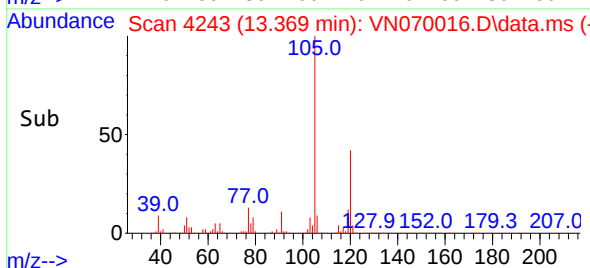
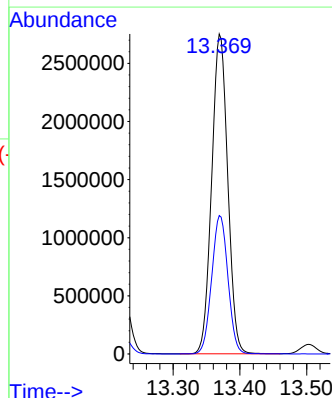
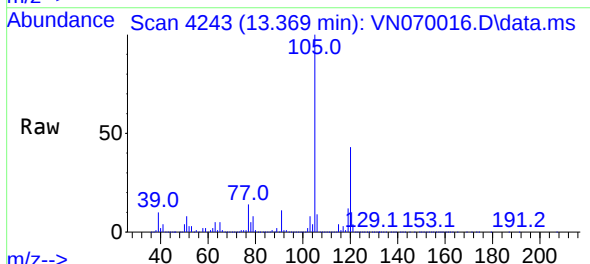
Instrument :
MSVOA_N
ClientSampleId :

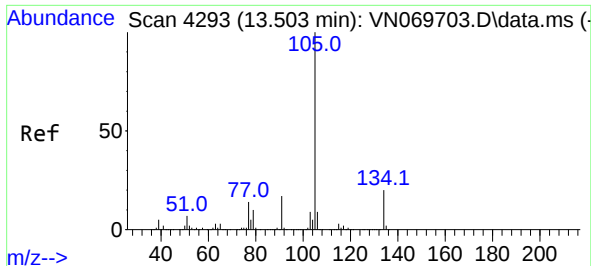
Tgt Ion:119 Resp: 563227
Ion Ratio Lower Upper
119 100
91 92.5 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 54.926 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion:105 Resp: 4589559
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4

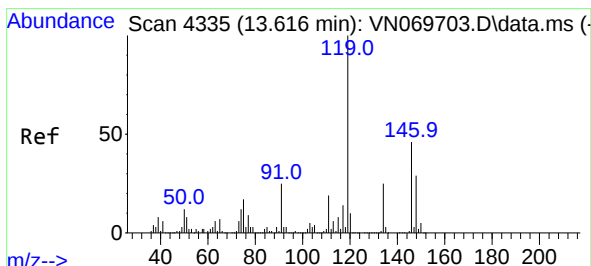
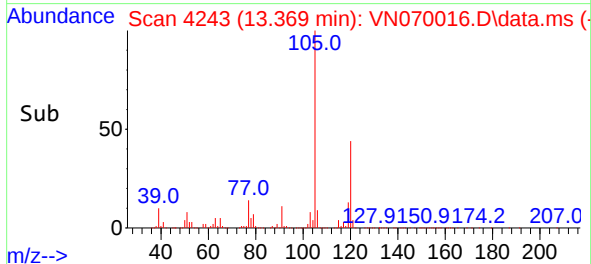
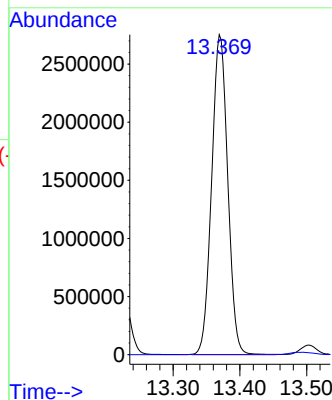
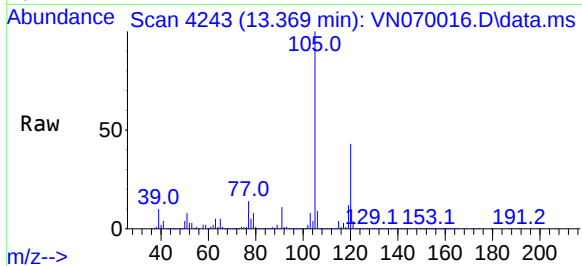




#85
 sec-Butylbenzene
 Concen: 43.553 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. -0.134 min
 Lab File: VN070016.D
 Acq: 11 Dec 2021 18:36

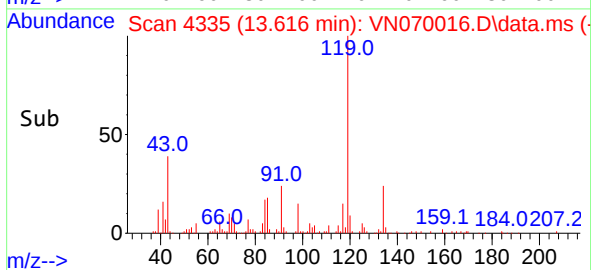
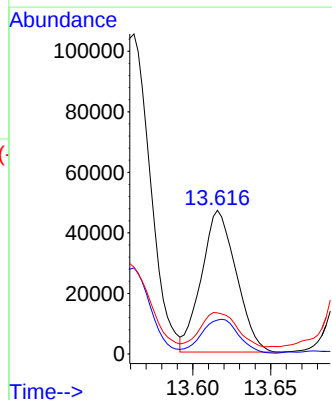
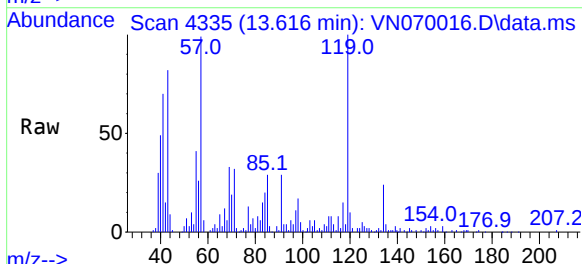
Instrument :
 MSVOA_N
 ClientSampleId :

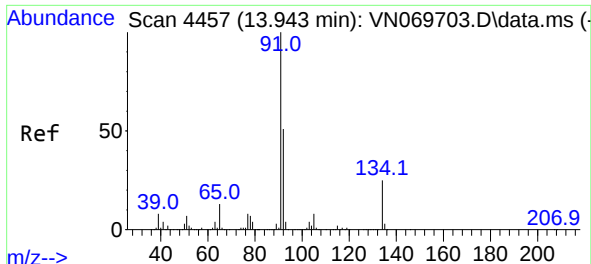
Tgt Ion:105 Resp: 4589559
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.881 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070016.D
 Acq: 11 Dec 2021 18:36

Tgt Ion:119 Resp: 72545
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 24.8 11.4 34.1





#89

n-Butylbenzene

Concen: 3.321 ug/l

RT: 13.943 min Scan# 4457

Delta R.T. 0.000 min

Lab File: VN070016.D

Acq: 11 Dec 2021 18:36

Instrument :

MSVOA_N

ClientSampleId :

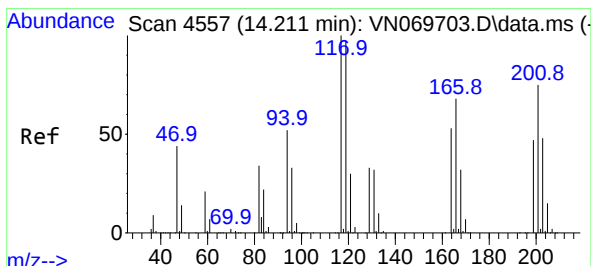
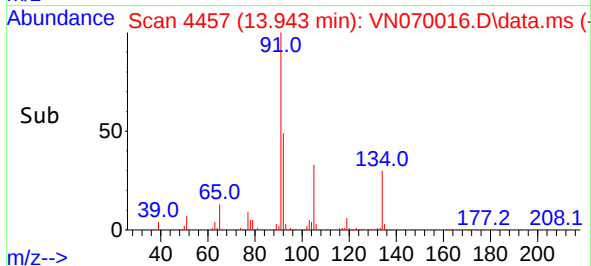
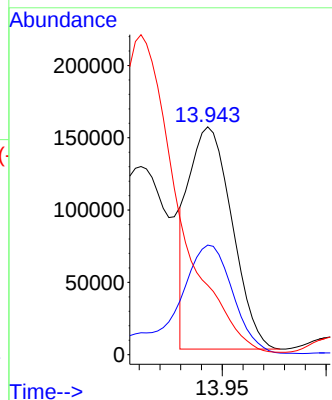
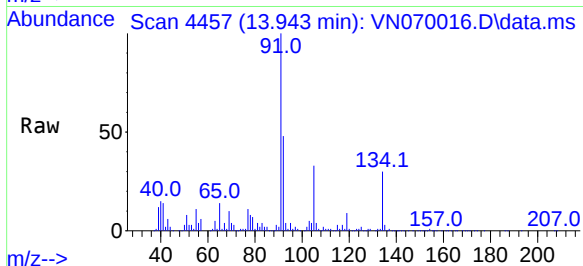
Tgt Ion: 91 Resp: 221918

Ion Ratio Lower Upper

91 100

92 65.1 25.4 76.0

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 6.445 ug/l

RT: 14.217 min Scan# 4559

Delta R.T. 0.005 min

Lab File: VN070016.D

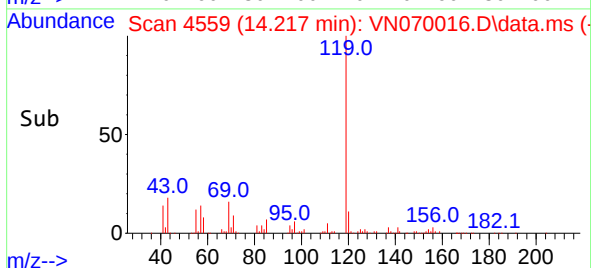
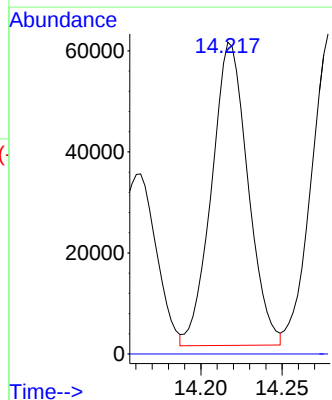
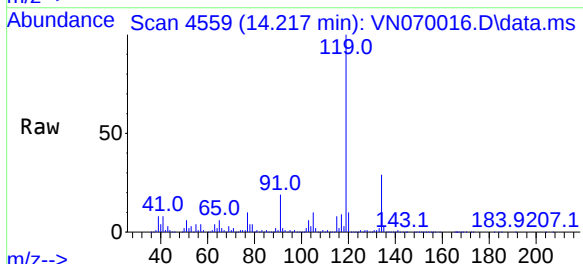
Acq: 11 Dec 2021 18:36

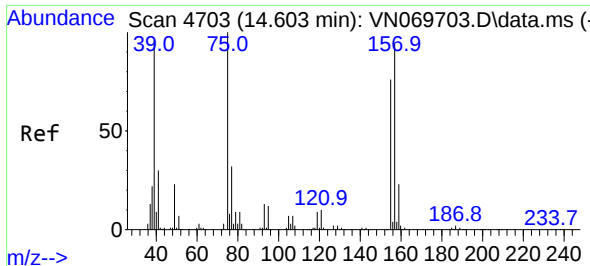
Tgt Ion: 117 Resp: 93207

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#

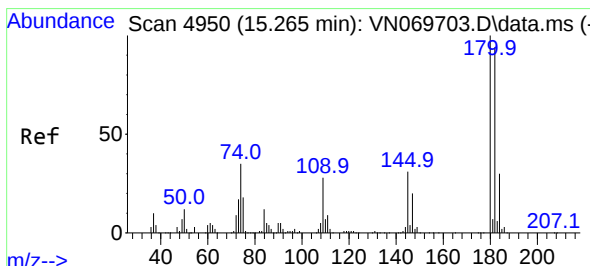
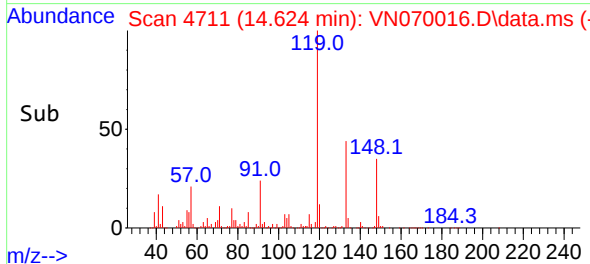
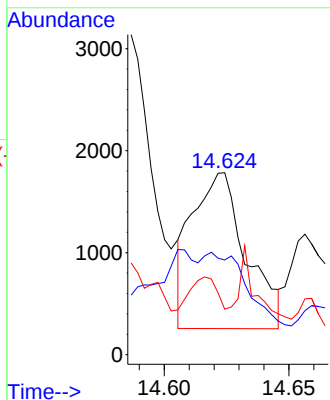
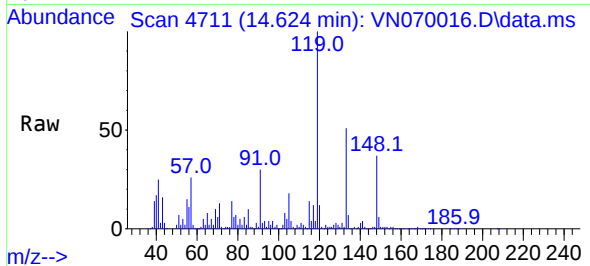




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.339 ug/l
RT: 14.624 min Scan# 41
Delta R.T. 0.022 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

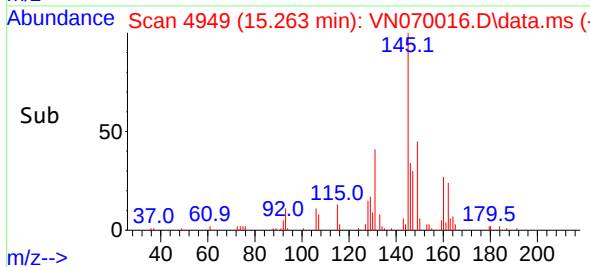
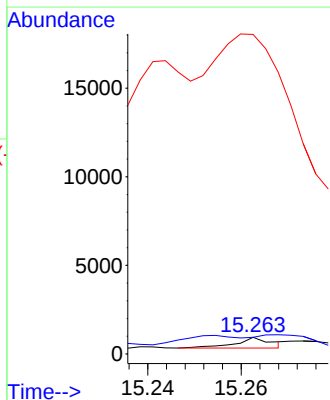
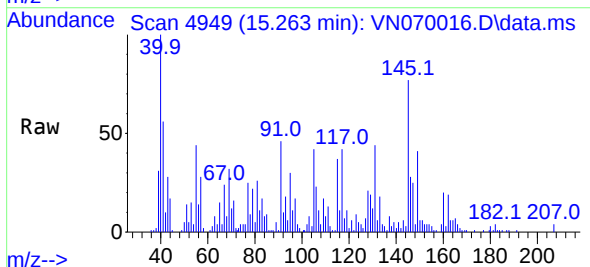
Instrument :
MSVOA_N
ClientSampleId :

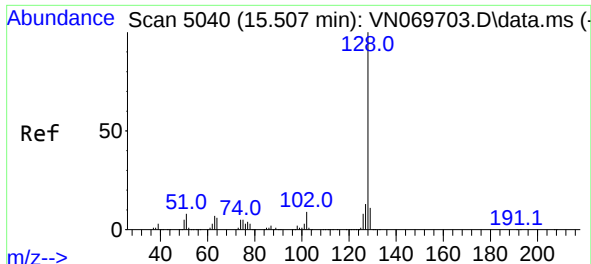
Tgt Ion: 75 Resp: 2312
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 15.7 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 2.893 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

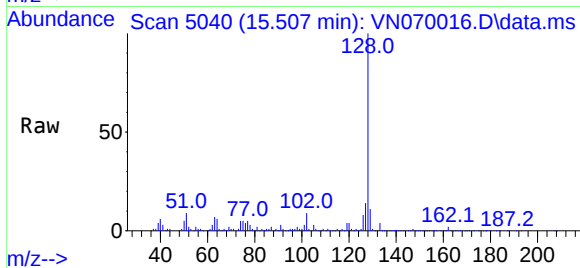
Tgt Ion:180 Resp: 314
Ion Ratio Lower Upper
180 100
182 155.1 48.3 144.9#
145 0.0 14.5 43.5#



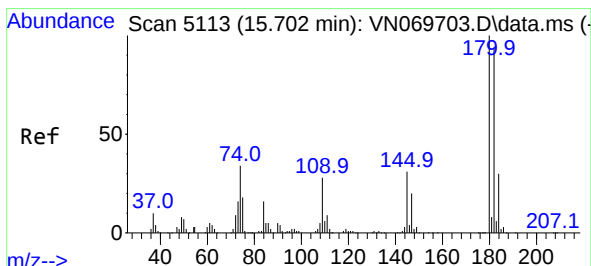
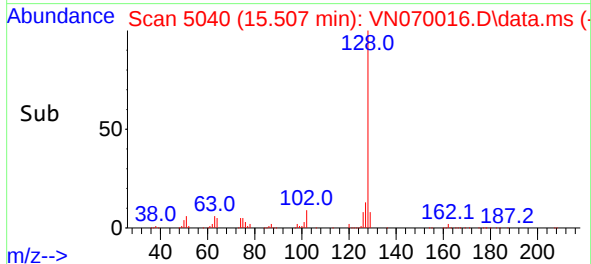
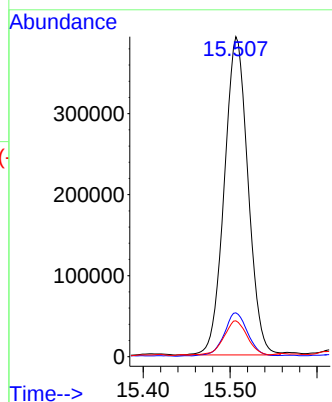


#95
Naphthalene
Concen: 15.417 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 743799
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.479 ug/l
RT: 15.724 min Scan# 5121
Delta R.T. 0.022 min
Lab File: VN070016.D
Acq: 11 Dec 2021 18:36

Tgt Ion:180 Resp: 895
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 0.0 15.0 45.1#

