

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070246.D
 Acq On : 20 Dec 2021 17:35
 Operator : JC/MD
 Sample : M5044-19
 Misc : 6.60g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 04:04:47 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	8.080	168	1275434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2360578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2627929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1360718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	966952	49.102	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.200%
35) Dibromofluoromethane	8.019	113	652952	44.160	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.320%
50) Toluene-d8	10.440	98	3084137	51.947	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.731	95	1429148	66.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	132.880%

Target Compounds						Qvalue
3) Chloromethane	2.293	50	4441	0.238	ug/l #	79
13) Acrolein	4.191	56	40398	12.744	ug/l	86
14) Allyl chloride	5.039	41	423315	15.463	ug/l #	59
15) Acrylonitrile	5.583	53	19875	1.981	ug/l #	40
16) Acetone	4.199	43	126666	10.693	ug/l #	54
17) Carbon Disulfide	4.489	76	8240	0.263	ug/l #	93
18) Methyl Acetate	5.036	43	953418	26.664	ug/l #	51
19) Methyl tert-butyl Ether	5.615	73	17984	0.381	ug/l #	1
20) Methylene Chloride	5.076	84	9397	0.597	ug/l	96
30) Chloroform	7.766	83	12858	0.459	ug/l #	18
31) Cyclohexane	8.061	56	210149	7.668	ug/l #	54
36) 1,1-Dichloropropene	8.080	75	107772	4.796	ug/l #	49
38) Carbon Tetrachloride	8.080	117	129421	5.873	ug/l #	17
39) Methylcyclohexane	9.453	83	225014	8.418	ug/l #	1
40) Benzene	8.450	78	21409	0.312	ug/l	100
43) Isopropyl Acetate	8.547	43	202951	4.100	ug/l #	56
45) 1,2-Dichloropropane	9.507	63	3732	0.202	ug/l #	1
47) Bromodichloromethane	9.740	83	47101	2.056	ug/l #	29
48) Methyl methacrylate	9.588	41	152573	6.605	ug/l #	27
51) 4-Methyl-2-Pentanone	10.368	43	391927	12.206	ug/l #	78
52) Toluene	10.502	92	112901	2.692	ug/l	96
53) t-1,3-Dichloropropene	10.703	75	136	2.799	ug/l #	43
54) cis-1,3-Dichloropropene	10.022	75	25	1.999	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	196557	11.617	ug/l #	35
56) Ethyl methacrylate	10.778	69	39308	3.454	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.070	63	635	18.457	ug/l #	45
59) 2-Hexanone	11.052	43	318129	13.097	ug/l #	30
60) Dibromochloromethane	11.489	129	391	2.397	ug/l	57
67) Ethyl Benzene	11.846	91	311060	3.212	ug/l	95
68) m/p-Xylenes	11.950	106	210762	5.977	ug/l	91
69) o-Xylene	12.278	106	93673	2.637	ug/l	88
71) Bromoform	12.704	173	166	2.741	ug/l #	29
73) Isopropylbenzene	12.578	105	270479	2.234	ug/l	98
74) N-amyl acetate	12.366	43	210390	3.930	ug/l #	63
76) 1,2,3-Trichloropropane	12.731	75	778891	19.960	ug/l #	1
78) n-propylbenzene	12.919	91	483028	3.585	ug/l	95

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

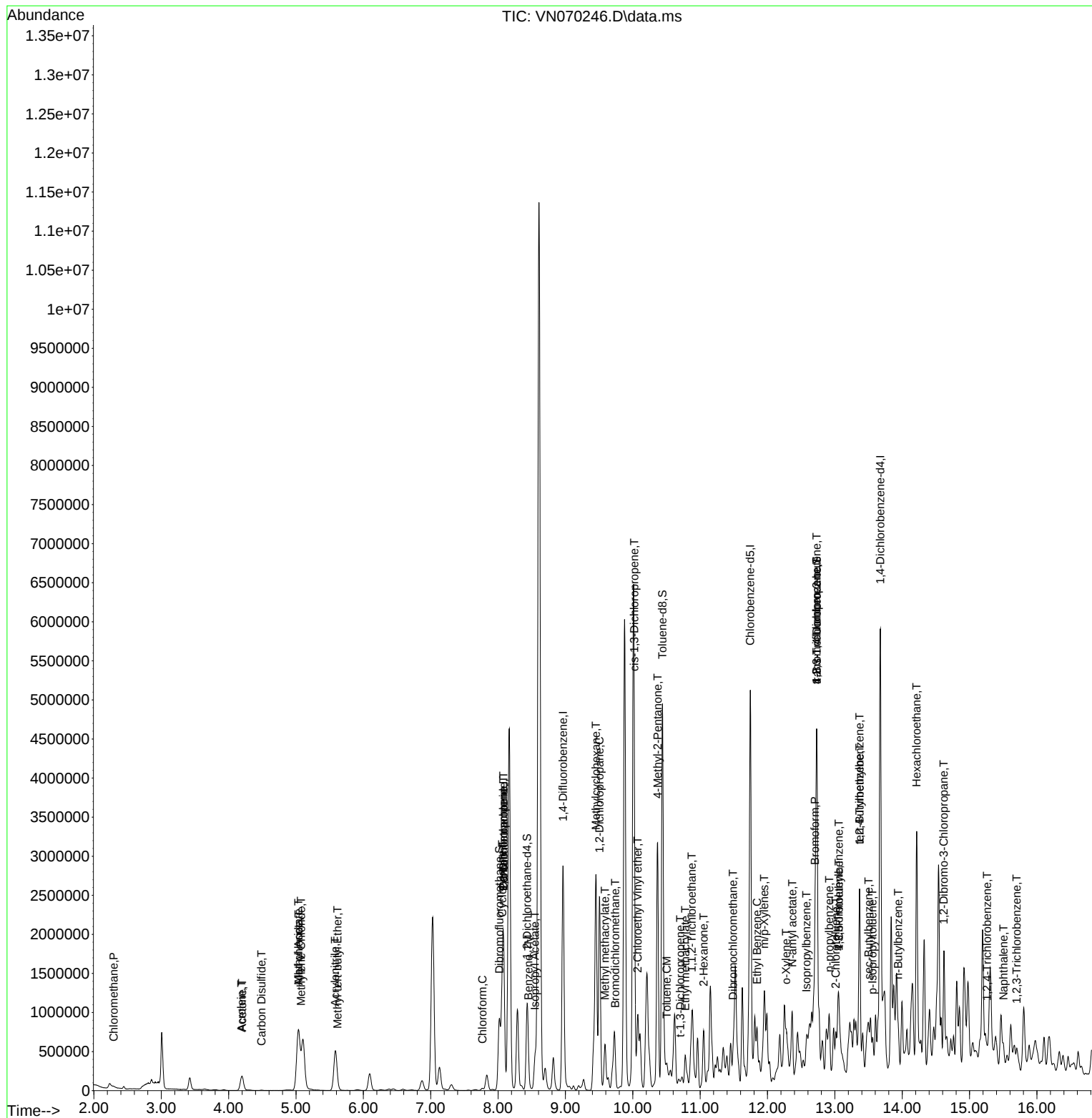
79) 2-Chlorotoluene	13.012	91	34873	0.410	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	232632	2.387	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.731	75	778891	64.082	ug/l #	5
82) 4-Chlorotoluene	13.058	91	26794	0.335	ug/l #	50
83) tert-Butylbenzene	13.366	119	152031	1.762	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.366	105	1285563	13.853	ug/l	97
85) sec-Butylbenzene	13.501	105	271124	2.317	ug/l #	58
86) p-Isopropyltoluene	13.557	119	49758	0.544	ug/l	96
89) n-Butylbenzene	13.940	91	378155	5.096	ug/l #	70
90) Hexachloroethane	14.214	117	141940	8.837	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.614	75	2801	0.370	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.260	180	827	2.913	ug/l #	1
95) Naphthalene	15.504	128	220941	7.043	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.700	180	320	2.450	ug/l #	41

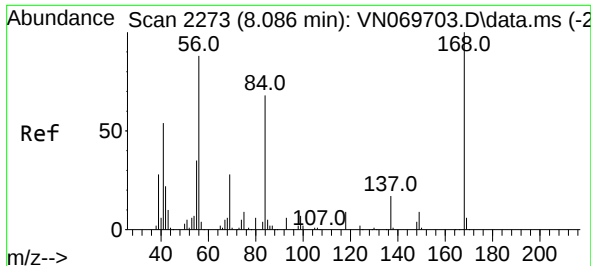
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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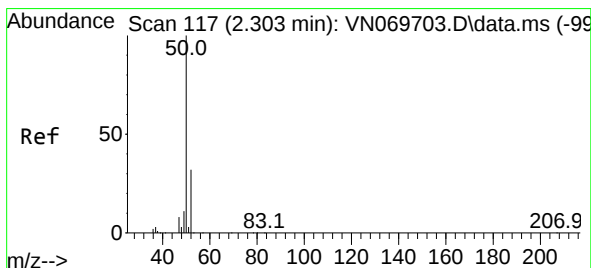
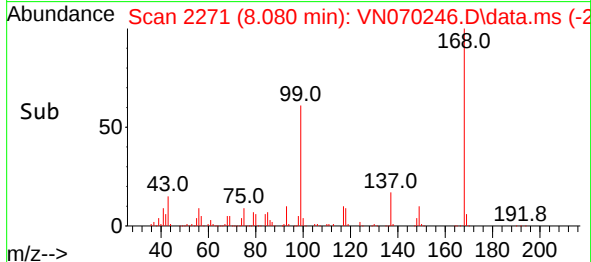
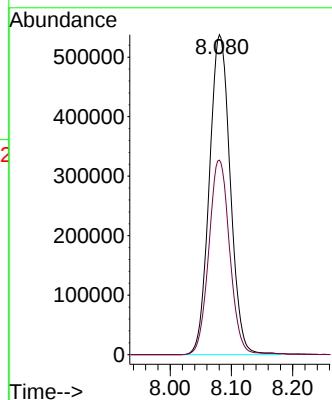
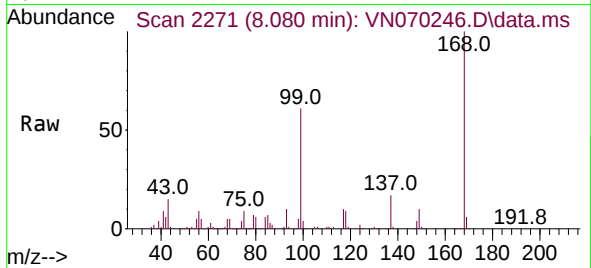




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

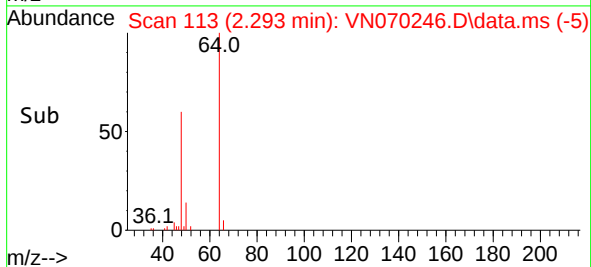
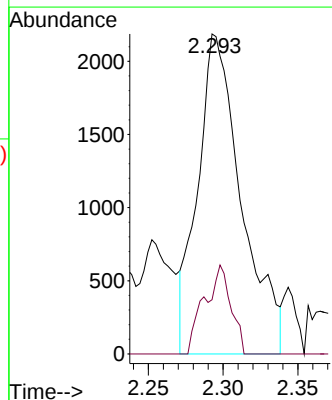
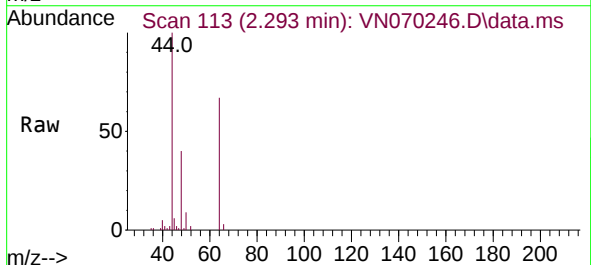
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MSVOA_N
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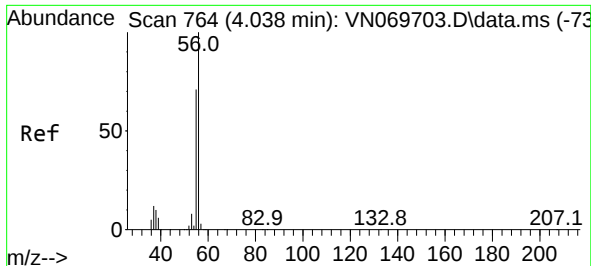
Tgt Ion:168 Resp: 1275434
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#3
Chloromethane
Concen: 0.238 ug/l
RT: 2.293 min Scan# 113
Delta R.T. -0.011 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

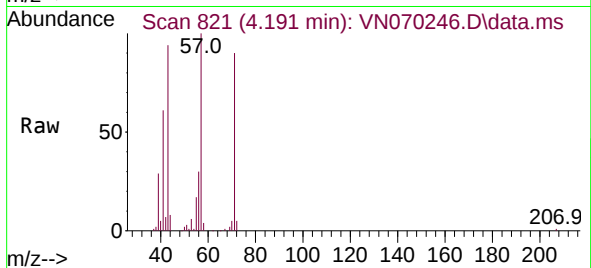
Tgt Ion: 50 Resp: 4441
Ion Ratio Lower Upper
50 100
52 19.8 25.4 38.0#



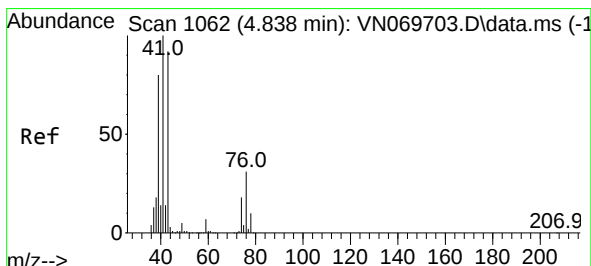
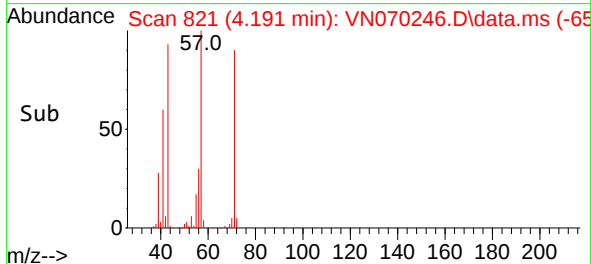
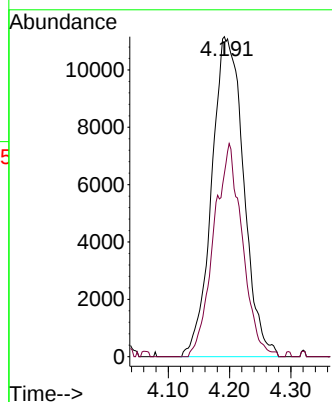


#13
Acrolein
Concen: 12.744 ug/l
RT: 4.191 min Scan# 81
Delta R.T. 0.153 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Instrument :
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ClientSampleId :

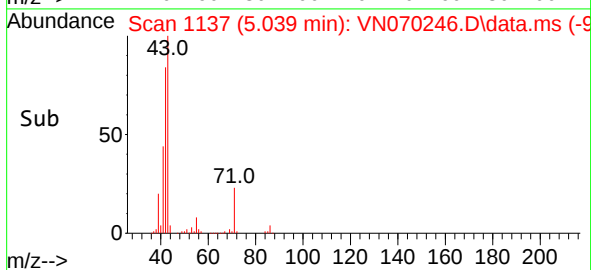
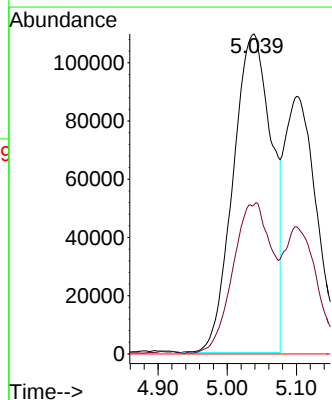
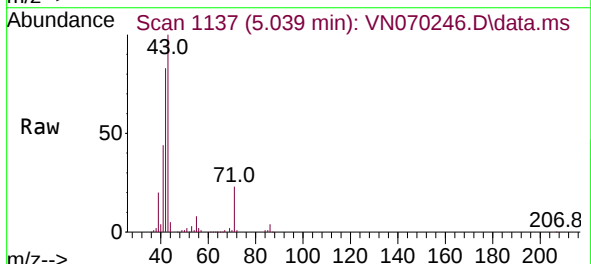


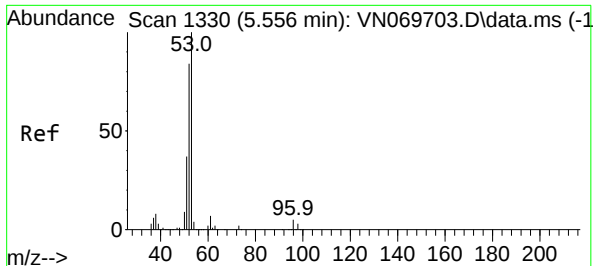
Tgt Ion: 56 Resp: 40398
Ion Ratio Lower Upper
56 100
55 59.6 56.6 85.0



#14
Allyl chloride
Concen: 15.463 ug/l
RT: 5.039 min Scan# 1137
Delta R.T. 0.201 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 41 Resp: 423315
Ion Ratio Lower Upper
41 100
39 46.8 61.2 91.8#
76 0.0 26.0 39.0#

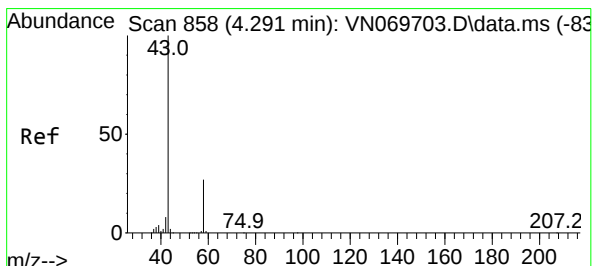
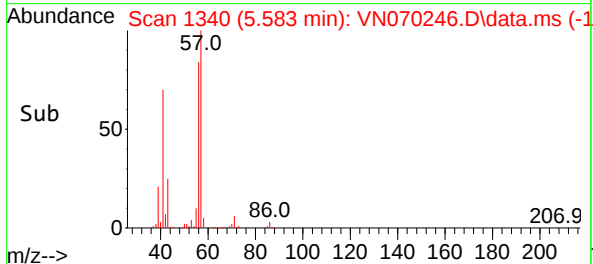
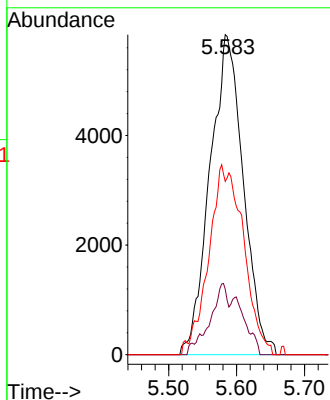
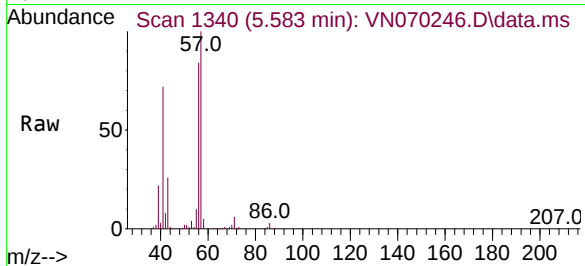




#15
Acrylonitrile
Concen: 1.981 ug/l
RT: 5.583 min Scan# 11
Delta R.T. 0.027 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

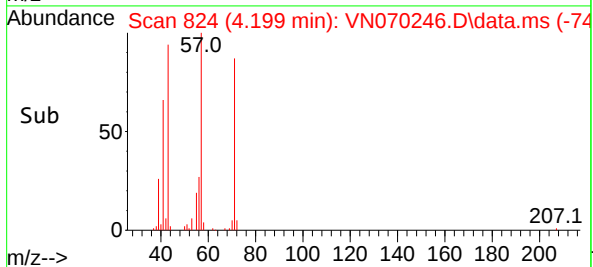
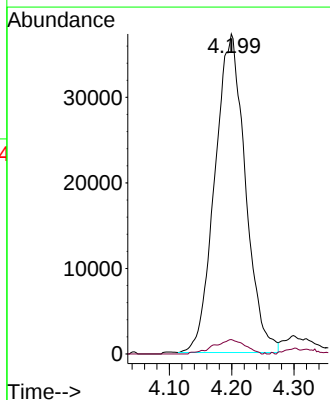
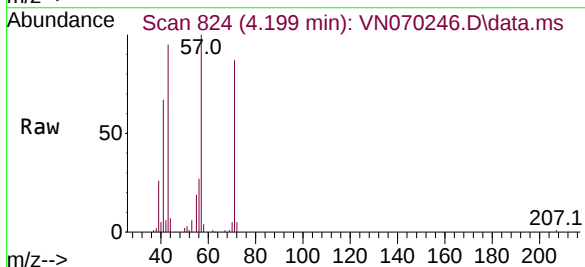
Instrument :
MSVOA_N
ClientSampleId :

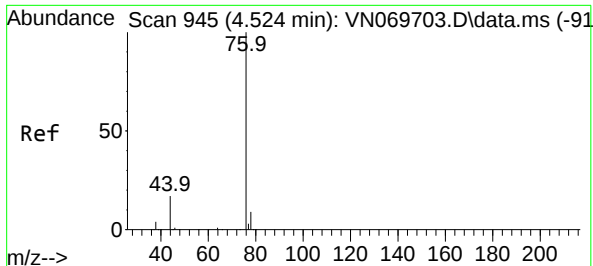
Tgt Ion: 53 Resp: 19875
Ion Ratio Lower Upper
53 100
52 12.0 66.2 99.2#
51 26.3 29.6 44.4#



#16
Acetone
Concen: 10.693 ug/l
RT: 4.199 min Scan# 824
Delta R.T. -0.091 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

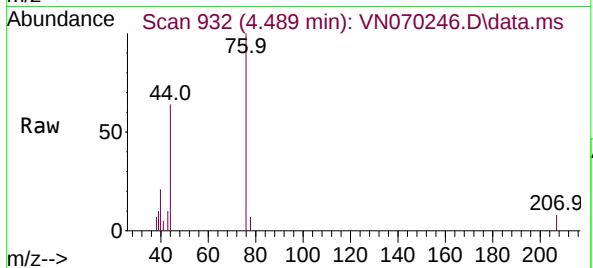
Tgt Ion: 43 Resp: 126666
Ion Ratio Lower Upper
43 100
58 4.5 23.1 34.7#



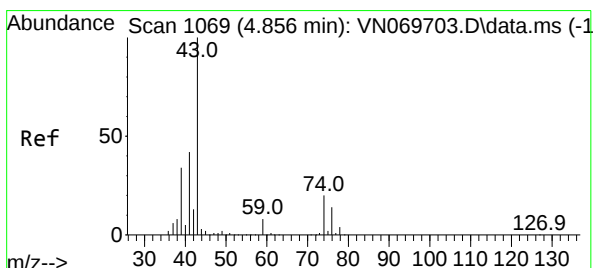
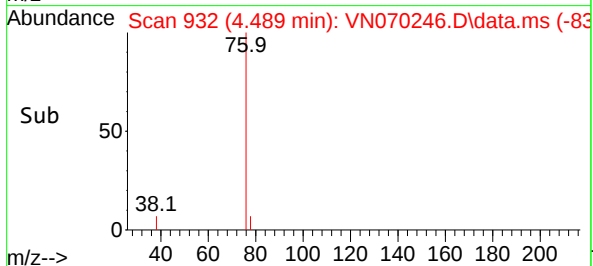
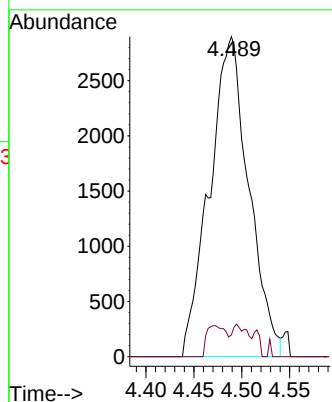


#17
Carbon Disulfide
Concen: 0.263 ug/l
RT: 4.489 min Scan# 91
Delta R.T. -0.035 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

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ClientSampleId :

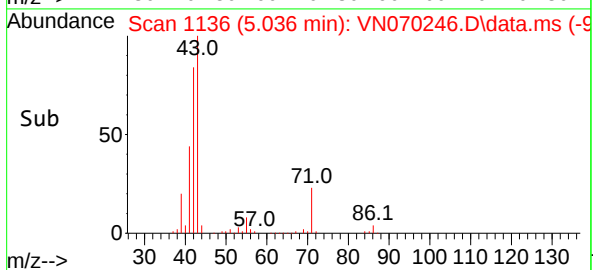
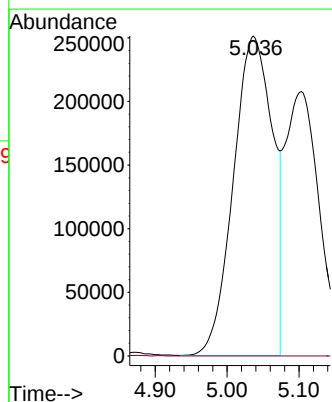
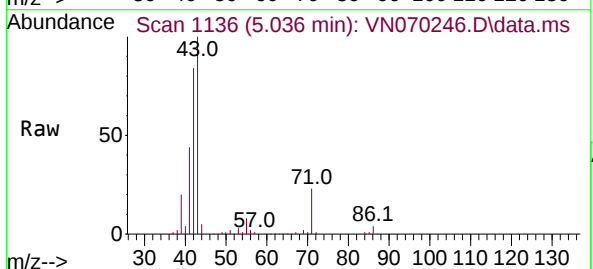


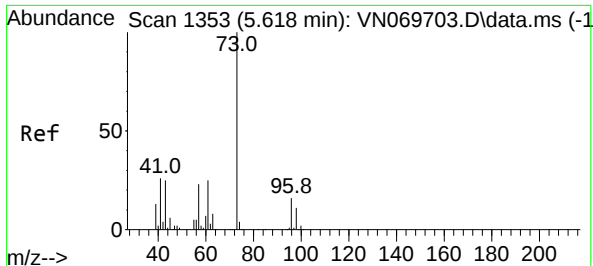
Tgt Ion: 76 Resp: 8240
Ion Ratio Lower Upper
76 100
78 6.8 7.5 11.3#



#18
Methyl Acetate
Concen: 26.664 ug/l
RT: 5.036 min Scan# 1136
Delta R.T. 0.180 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 43 Resp: 953418
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

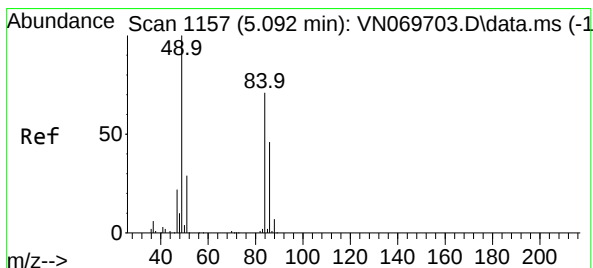
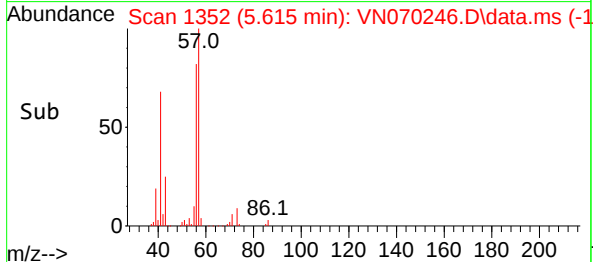
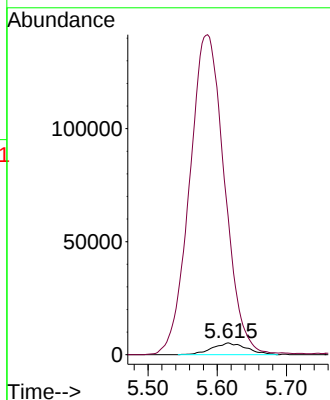
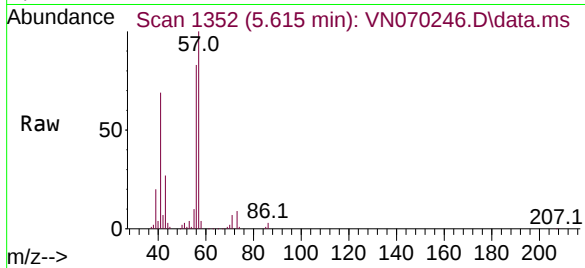




#19
Methyl tert-butyl Ether
Concen: 0.381 ug/l
RT: 5.615 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VN070246.D
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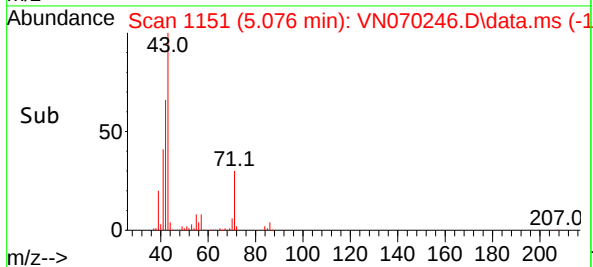
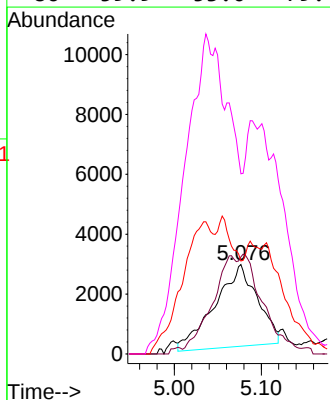
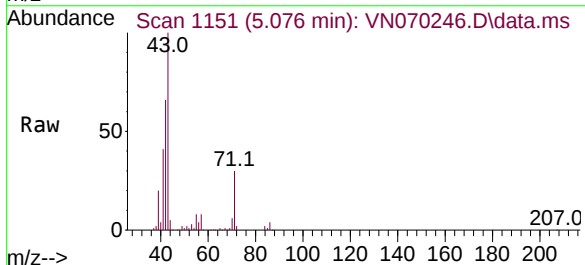
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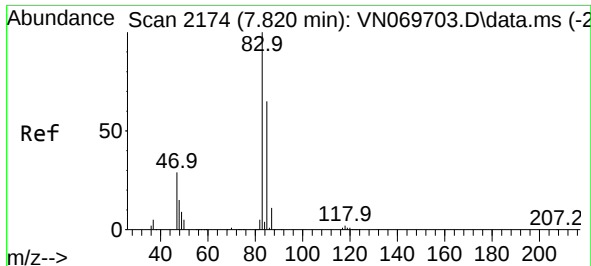
Tgt Ion: 73 Resp: 17984
Ion Ratio Lower Upper
73 100
57 1160.2 16.8 25.2#



#20
Methylene Chloride
Concen: 0.597 ug/l
RT: 5.076 min Scan# 1151
Delta R.T. -0.016 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 84 Resp: 9397
Ion Ratio Lower Upper
84 100
49 114.7 93.5 140.3
51 39.2 29.4 44.2
86 59.9 53.0 79.4

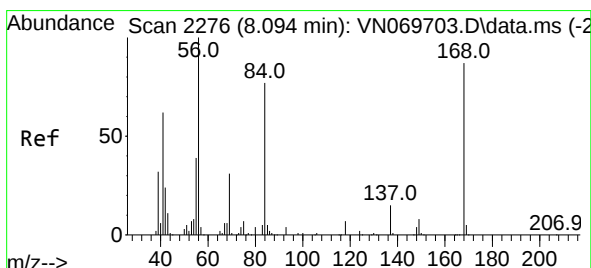
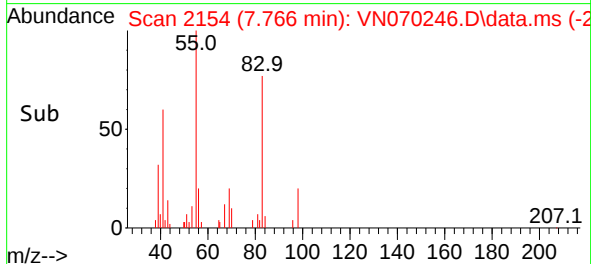
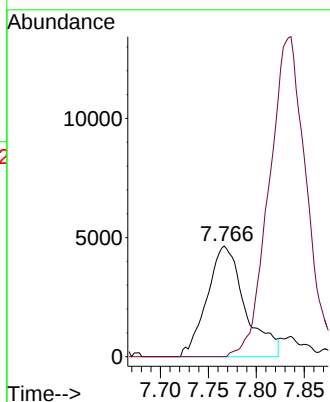
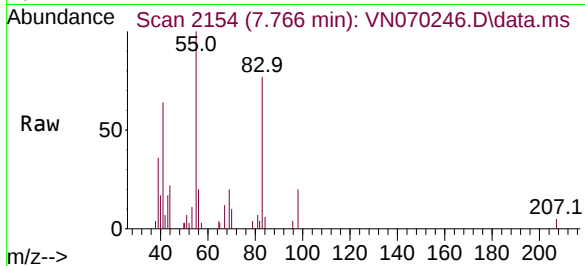




#30
Chloroform
Concen: 0.459 ug/l
RT: 7.766 min Scan# 2174
Delta R.T. -0.054 min
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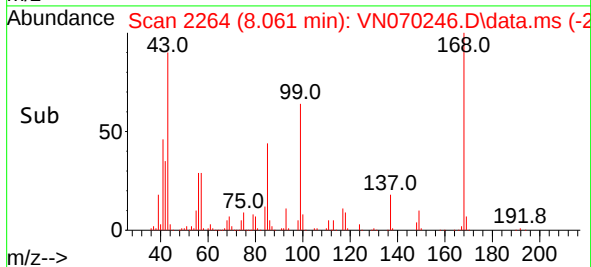
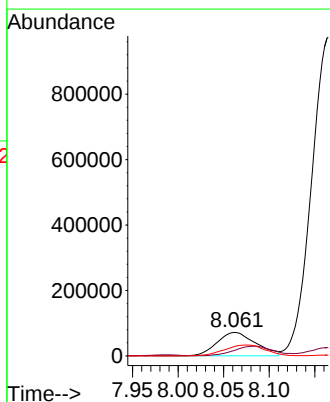
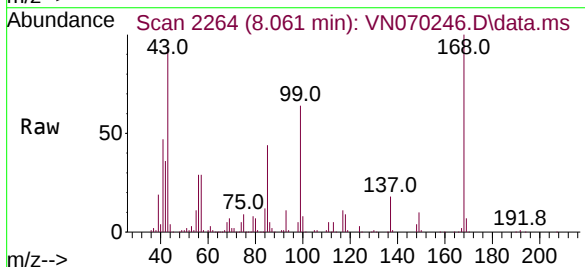
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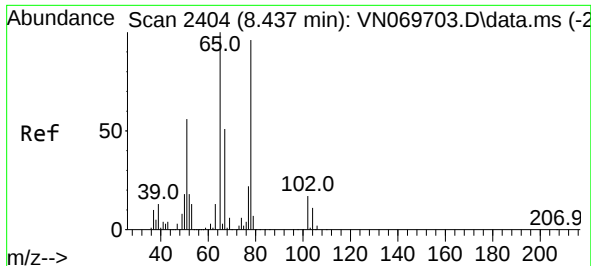
Tgt Ion: 83 Resp: 12858
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



#31
Cyclohexane
Concen: 7.668 ug/l
RT: 8.061 min Scan# 2264
Delta R.T. -0.032 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 56 Resp: 210149
Ion Ratio Lower Upper
56 100
69 20.1 27.1 40.7#
84 40.1 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 49.102 ug/l

RT: 8.432 min Scan# 24

Delta R.T. -0.005 min

Lab File: VN070246.D

Acq: 20 Dec 2021 17:35

Instrument :

MSVOA_N

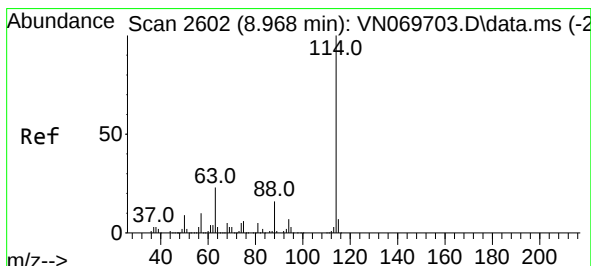
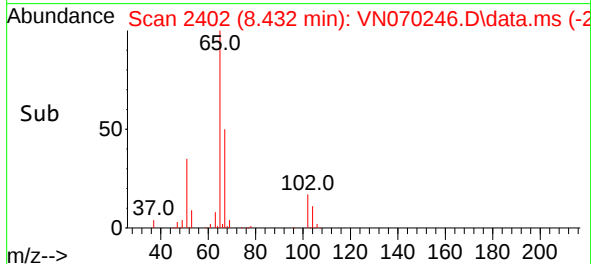
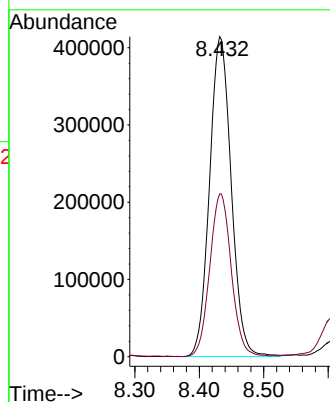
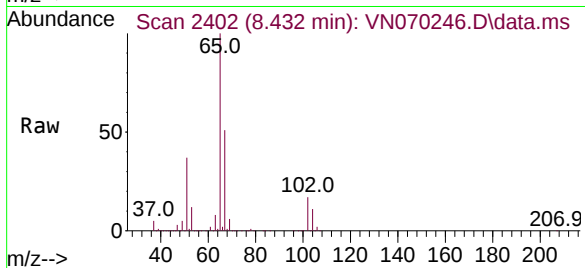
ClientSampleId :

Tgt Ion: 65 Resp: 966952

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070246.D

Acq: 20 Dec 2021 17:35

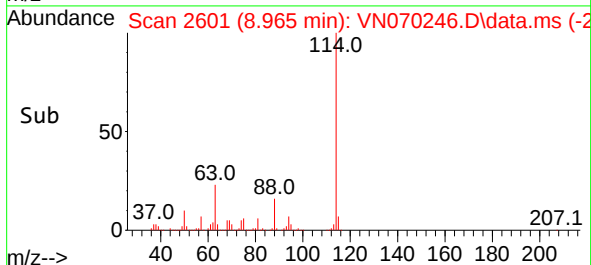
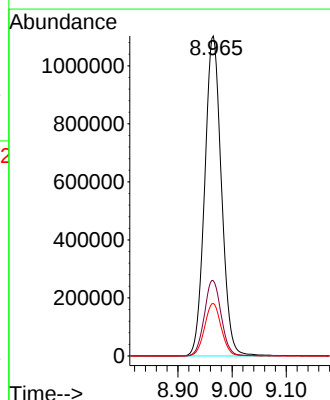
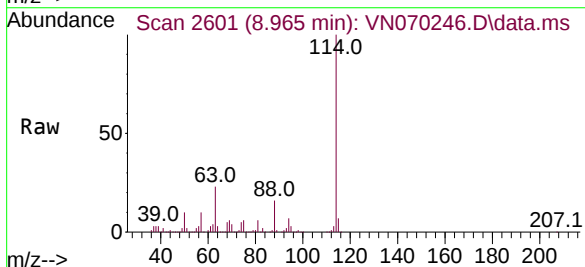
Tgt Ion: 114 Resp: 2360578

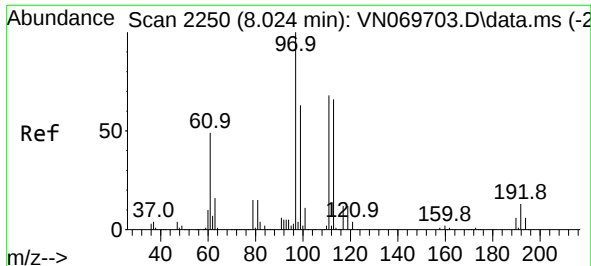
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.4 0.0 27.4

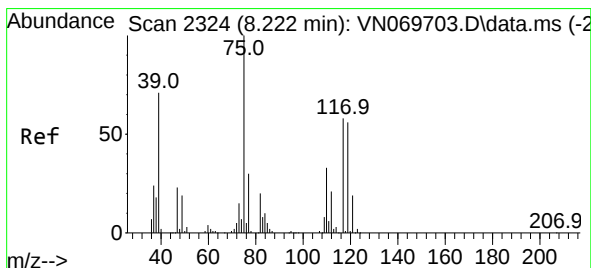
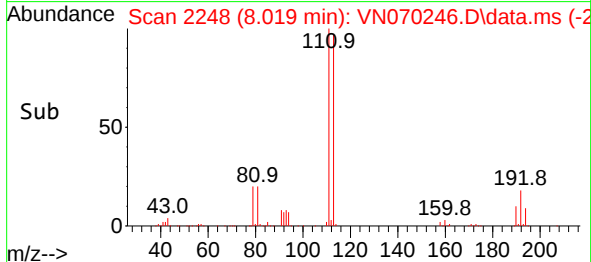
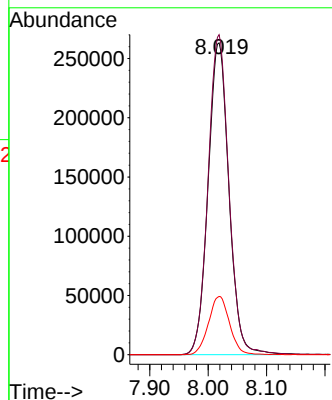
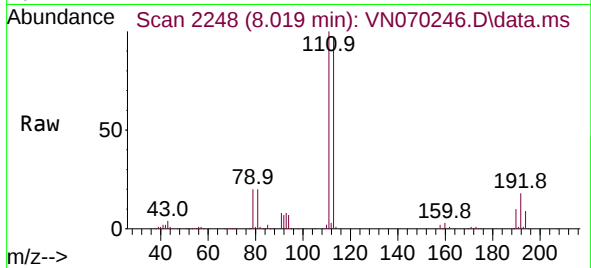




#35
Dibromofluoromethane
Concen: 44.160 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

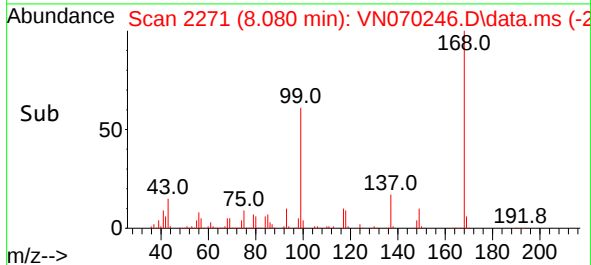
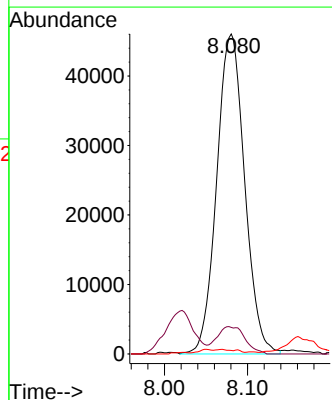
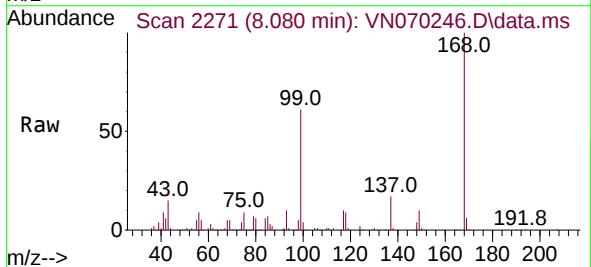
Instrument :
MSVOA_N
ClientSampleId :

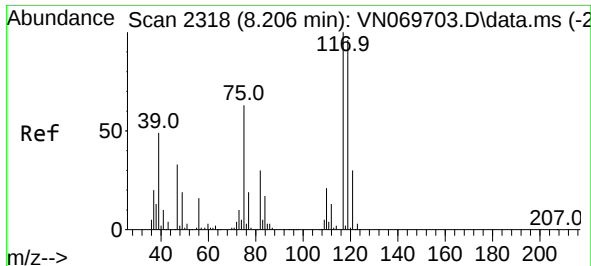
Tgt Ion:113 Resp: 652952
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

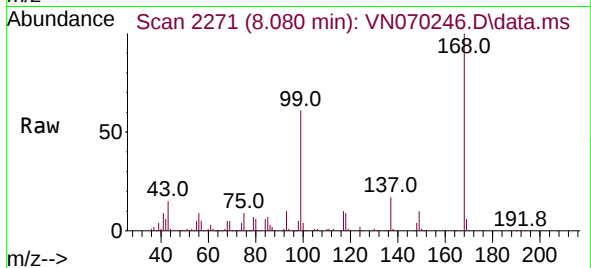
Tgt Ion: 75 Resp: 107772
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#



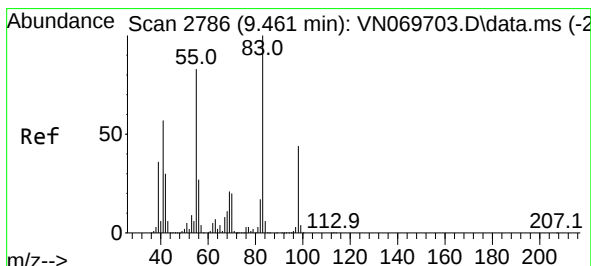
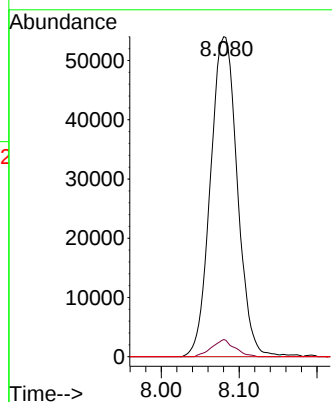
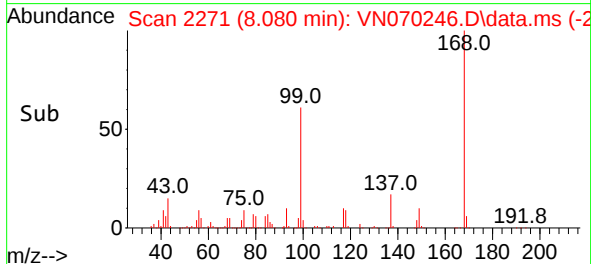


#38
Carbon Tetrachloride
Concen: 5.873 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.126 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :

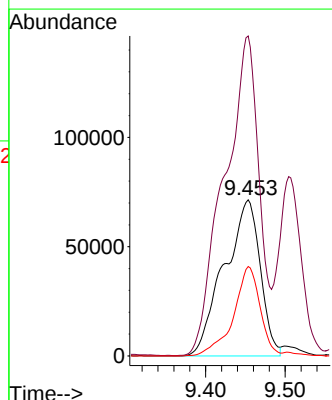
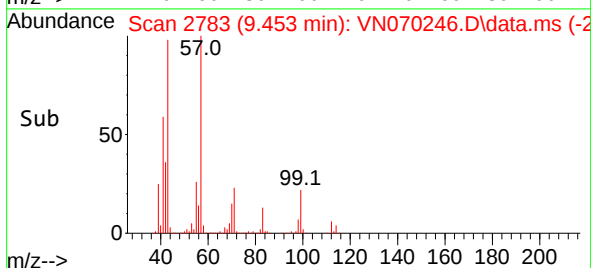
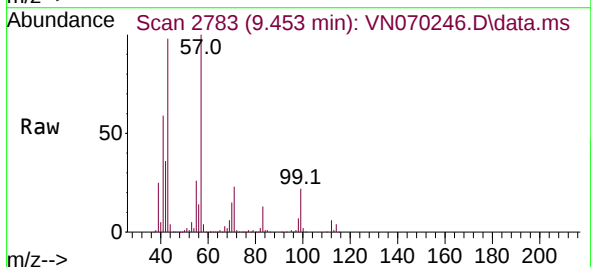


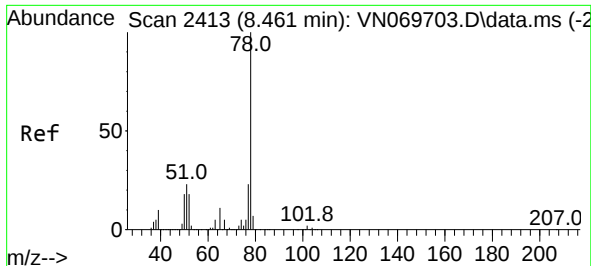
Tgt Ion:117 Resp: 129421
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 8.418 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.008 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 83 Resp: 225014
Ion Ratio Lower Upper
83 100
55 204.5 58.1 87.1#
98 57.3 38.4 57.6

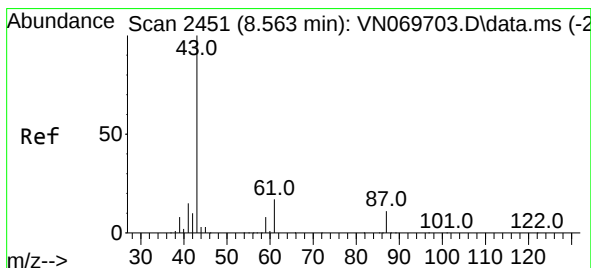
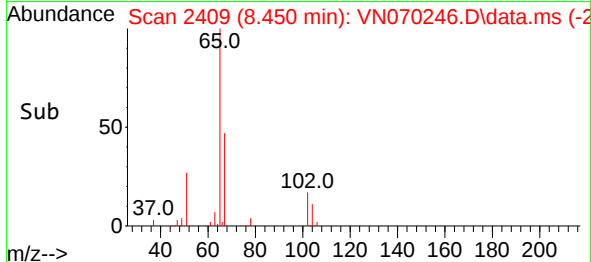
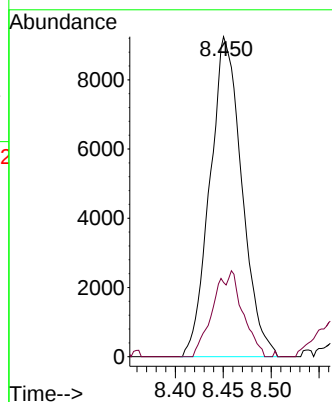
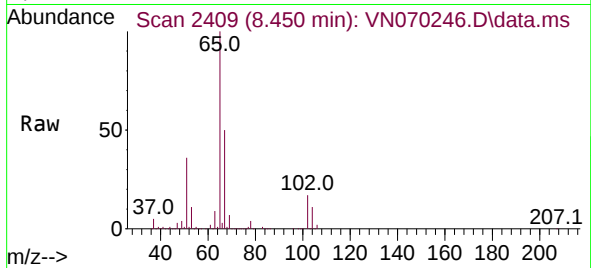




#40
Benzene
Concen: 0.312 ug/l
RT: 8.450 min Scan# 2413
Delta R.T. -0.011 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

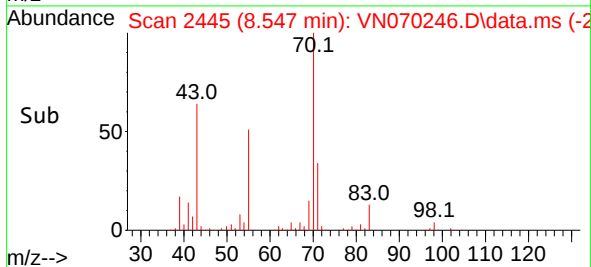
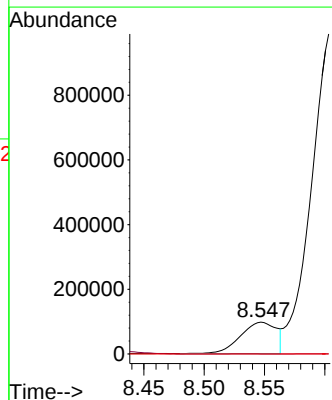
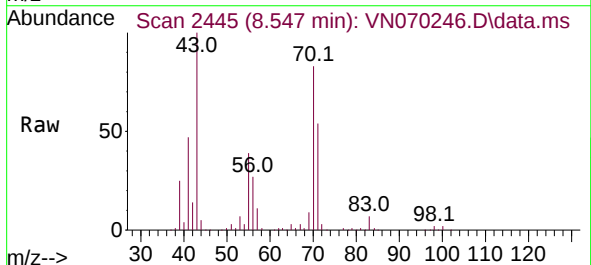
Instrument :
MSVOA_N
ClientSampleId :

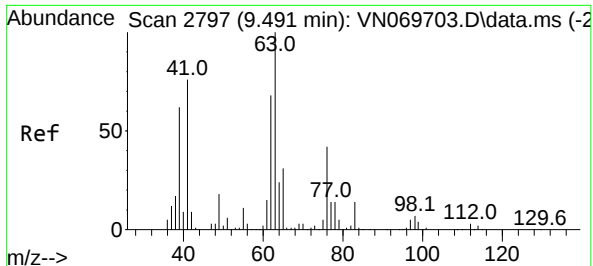
Tgt Ion: 78 Resp: 21409
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8



#43
Isopropyl Acetate
Concen: 4.100 ug/l
RT: 8.547 min Scan# 2445
Delta R.T. -0.016 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 43 Resp: 202951
Ion Ratio Lower Upper
43 100
61 0.3 20.4 30.6#
87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.202 ug/l

RT: 9.507 min Scan# 2803

Delta R.T. 0.016 min

Lab File: VN070246.D

Acq: 20 Dec 2021 17:35

Instrument :

MSVOA_N

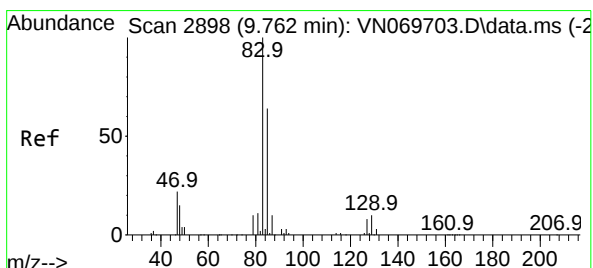
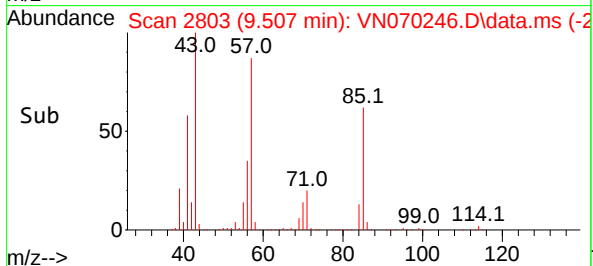
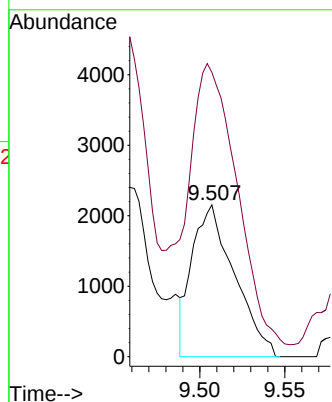
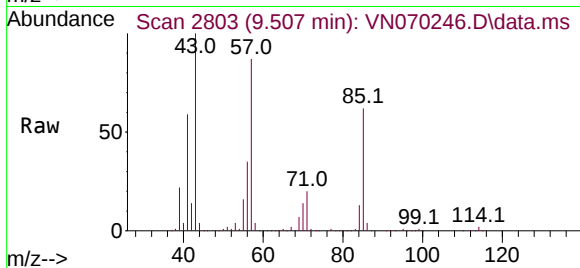
ClientSampleId :

Tgt Ion: 63 Resp: 3732

Ion Ratio Lower Upper

63 100

65 176.0 24.7 37.1#



#47

Bromodichloromethane

Concen: 2.056 ug/l

RT: 9.740 min Scan# 2890

Delta R.T. -0.021 min

Lab File: VN070246.D

Acq: 20 Dec 2021 17:35

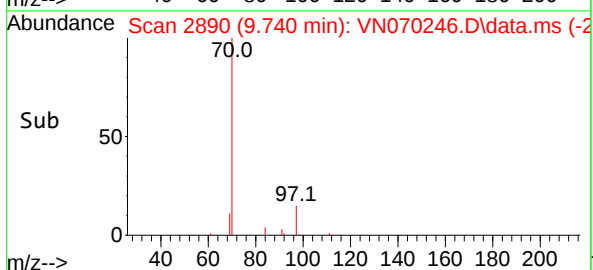
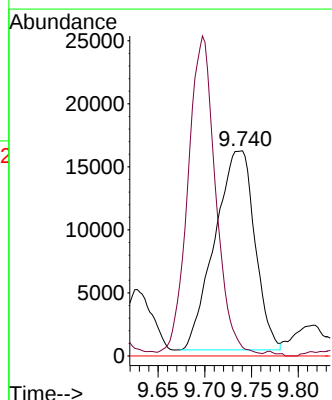
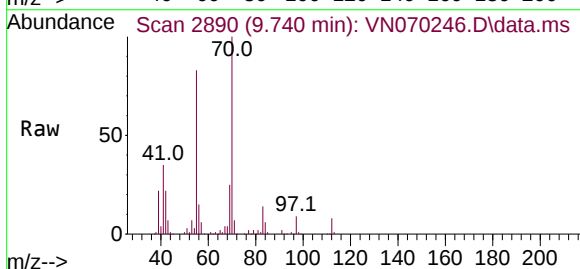
Tgt Ion: 83 Resp: 47101

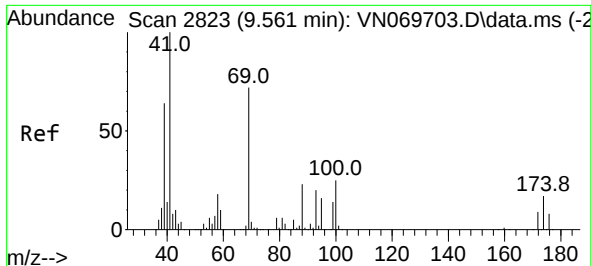
Ion Ratio Lower Upper

83 100

85 3.2 50.9 76.3#

127 0.0 7.1 10.7#

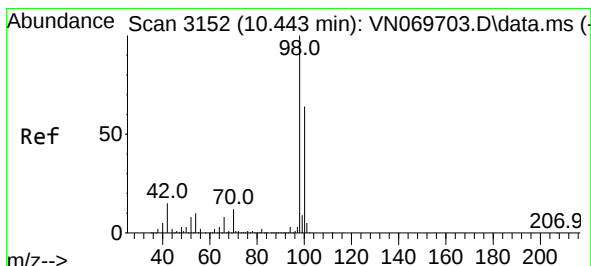
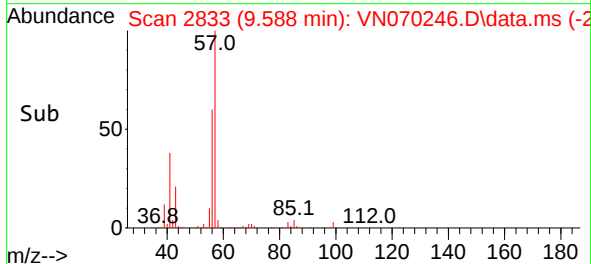
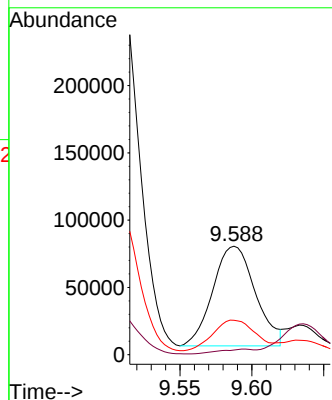
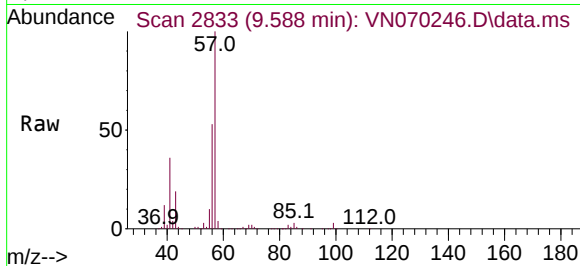




#48
Methyl methacrylate
Concen: 6.605 ug/l
RT: 9.588 min Scan# 21
Delta R.T. 0.027 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

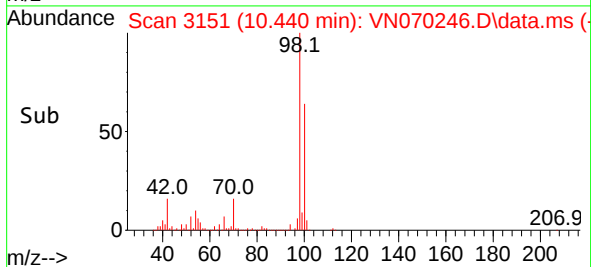
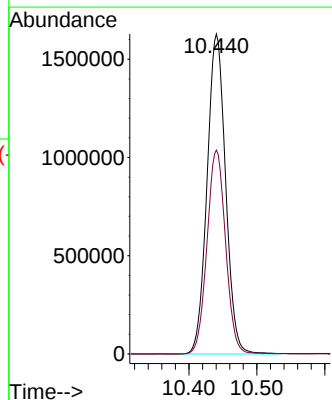
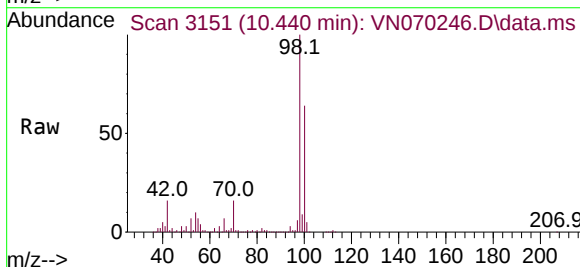
Instrument :
MSVOA_N
ClientSampleId :

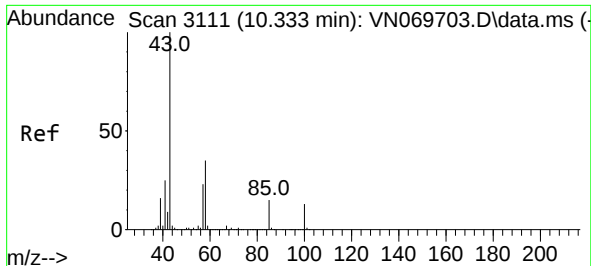
Tgt Ion: 41 Resp: 152573
Ion Ratio Lower Upper
41 100
69 3.9 72.4 108.6#
39 30.2 58.4 87.6#



#50
Toluene-d8
Concen: 51.947 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 98 Resp: 3084137
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

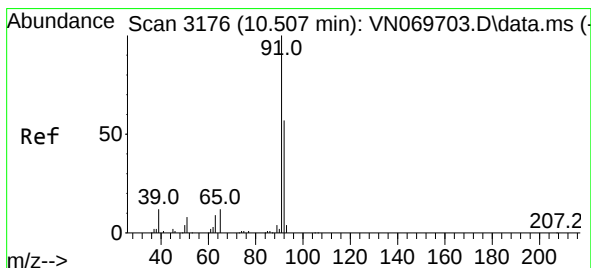
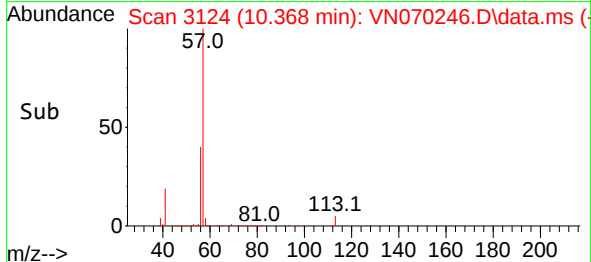
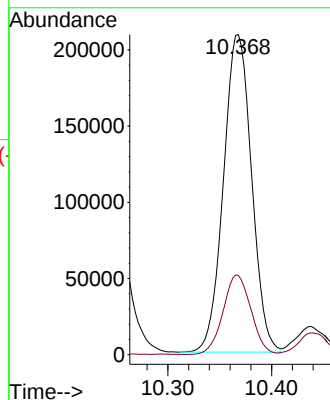
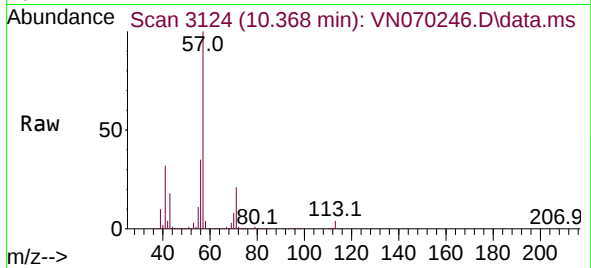




#51
4-Methyl-2-Pentanone
Concen: 12.206 ug/l
RT: 10.368 min Scan# 3111
Delta R.T. 0.035 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

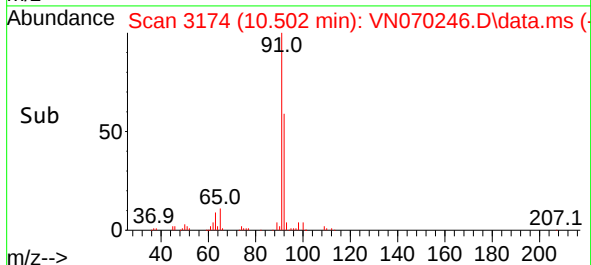
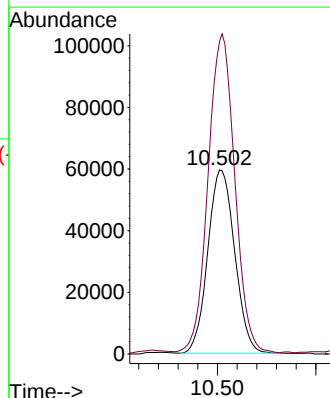
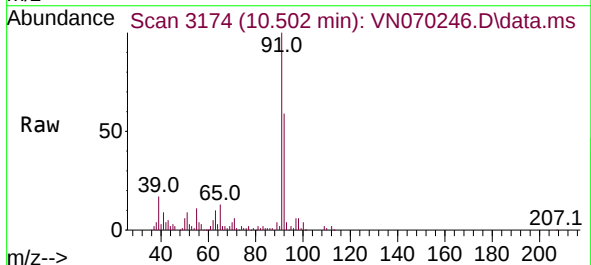
Instrument :
MSVOA_N
ClientSampleId :

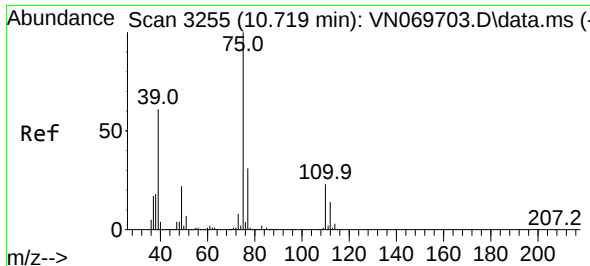
Tgt Ion: 43 Resp: 391927
Ion Ratio Lower Upper
43 100
58 24.8 30.4 45.6#



#52
Toluene
Concen: 2.692 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.005 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 92 Resp: 112901
Ion Ratio Lower Upper
92 100
91 172.3 142.0 213.0

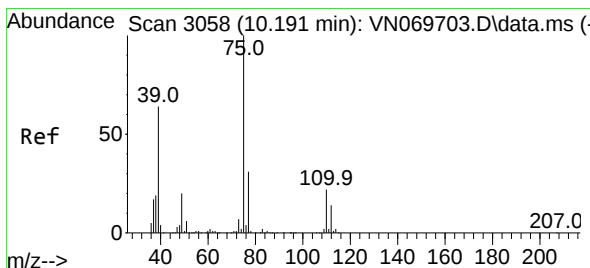
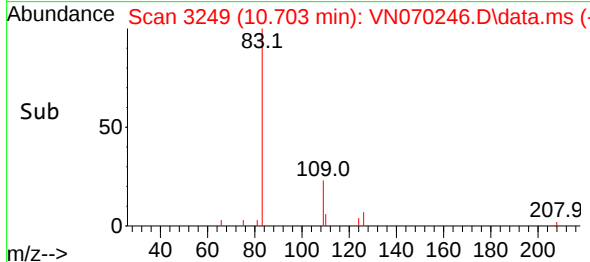
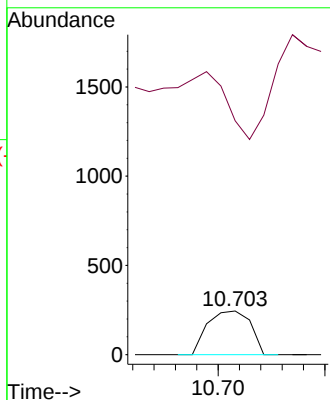
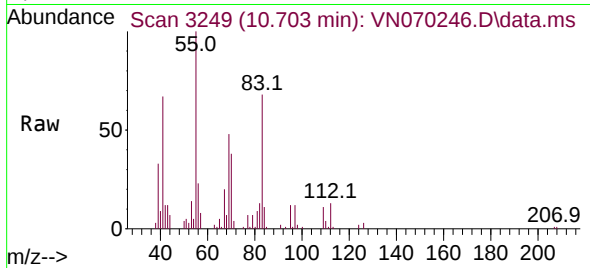




#53
 t-1,3-Dichloropropene
 Concen: 2.799 ug/l
 RT: 10.703 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

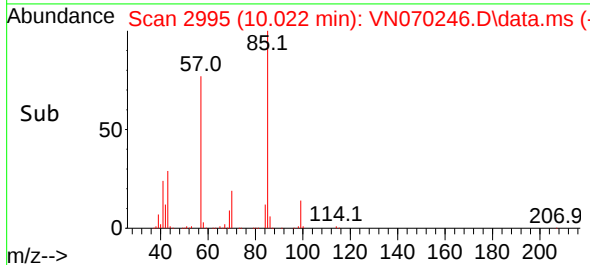
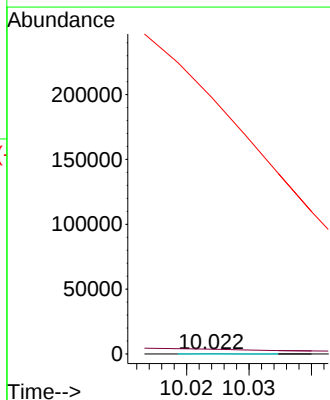
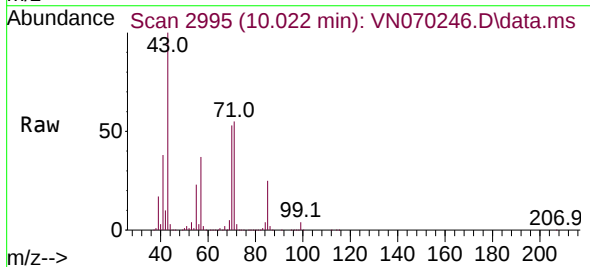
Instrument :
 MSVOA_N
 ClientSampleId :

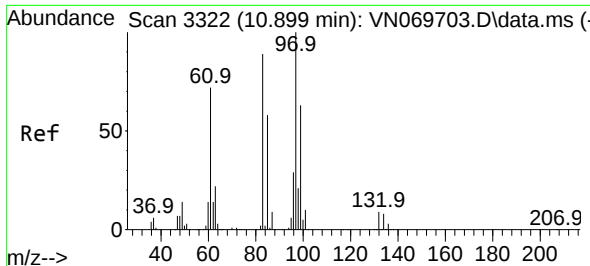
Tgt Ion: 75 Resp: 136
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 1.999 ug/l
 RT: 10.022 min Scan# 2995
 Delta R.T. -0.169 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

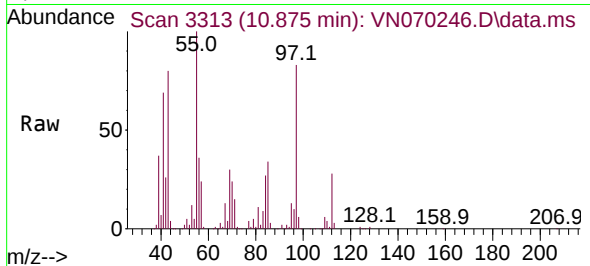
Tgt Ion: 75 Resp: 25
 Ion Ratio Lower Upper
 75 100
 77 742.2 26.4 39.6#
 39 38192.2 42.5 63.7#



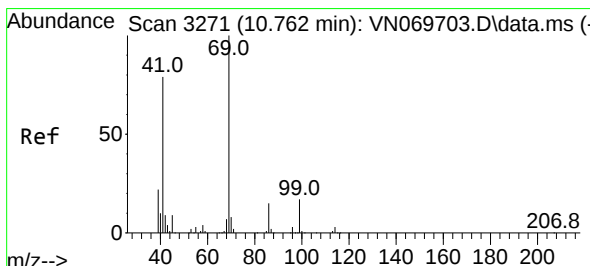
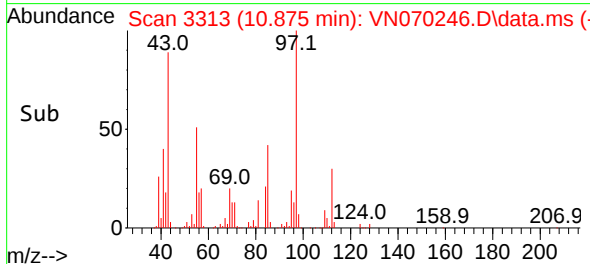
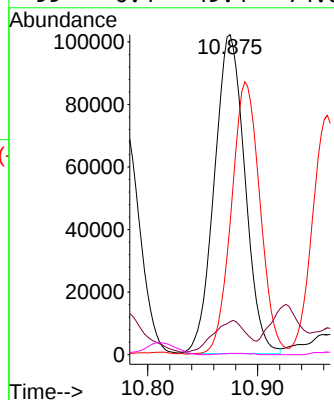


#55
1,1,2-Trichloroethane
Concen: 11.617 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :

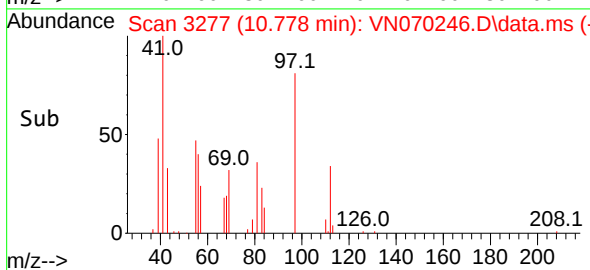
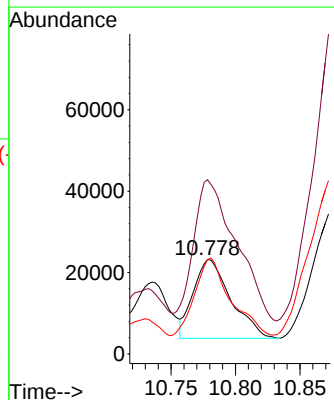
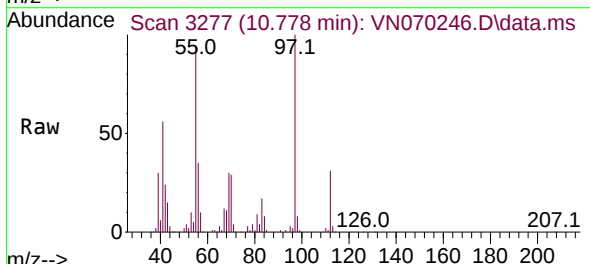


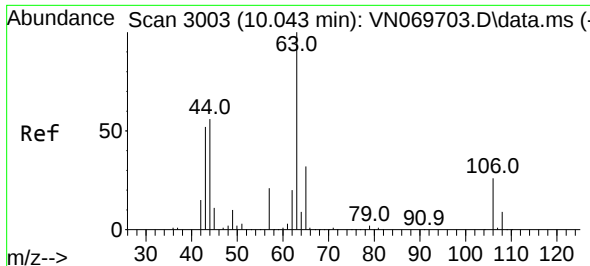
Tgt Ion	Ratio	Lower	Upper
97	100		
83	9.4	67.8	101.6#
85	41.0	45.4	68.2#
99	0.4	49.4	74.0#



#56
Ethyl methacrylate
Concen: 3.454 ug/l
RT: 10.778 min Scan# 3277
Delta R.T. 0.016 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	234.7	51.4	77.0#
39	98.5	34.6	52.0#

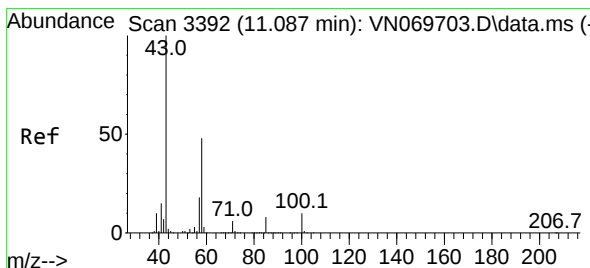
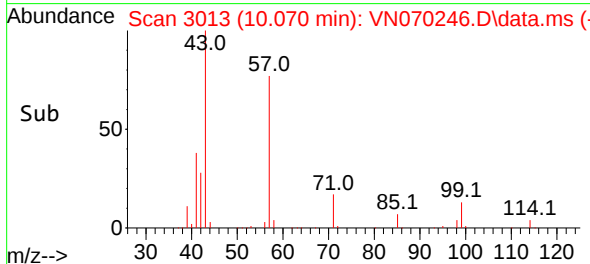
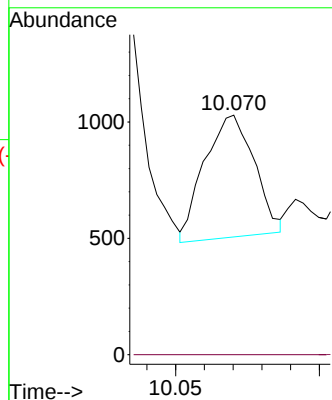
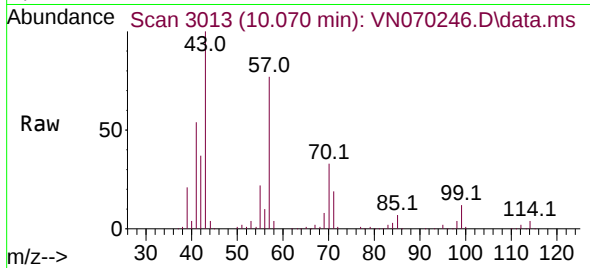




#58
2-Chloroethyl Vinyl ether
Concen: 18.457 ug/l
RT: 10.070 min Scan# 3003
Delta R.T. 0.027 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

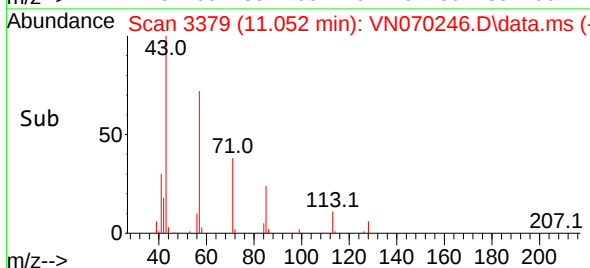
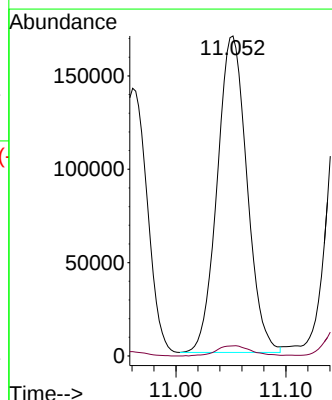
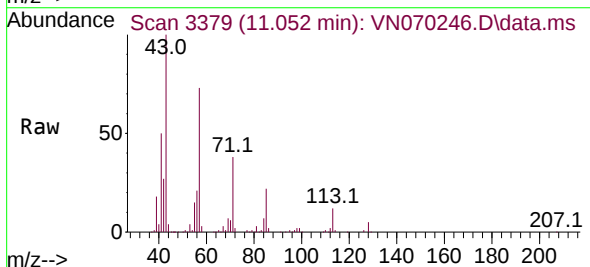
Instrument :
MSVOA_N
ClientSampleId :

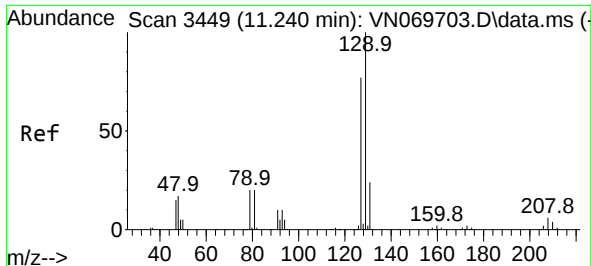
Tgt Ion: 63 Resp: 635
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 13.097 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. -0.035 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 43 Resp: 318129
Ion Ratio Lower Upper
43 100
58 3.8 26.9 80.7#

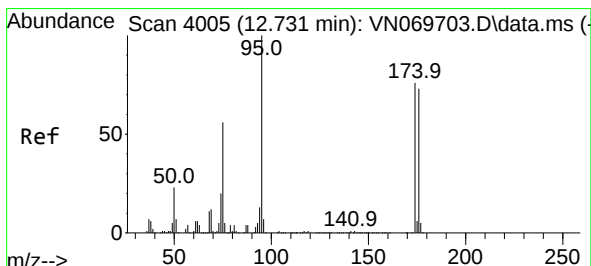
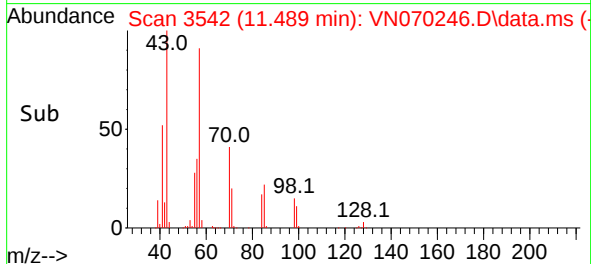
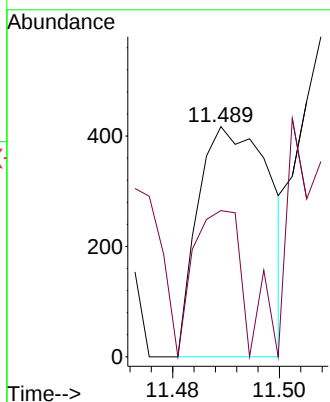
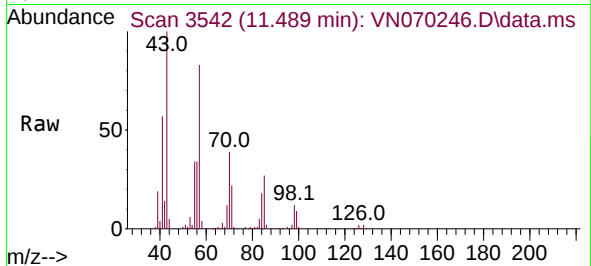




#60
Dibromochloromethane
Concen: 2.397 ug/l
RT: 11.489 min Scan# 3542
Delta R.T. 0.249 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

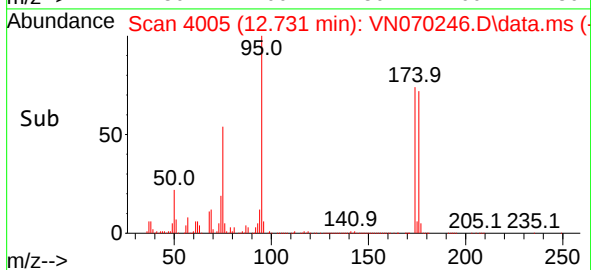
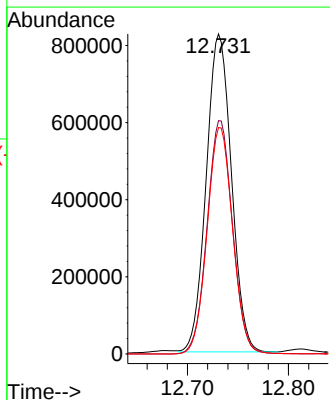
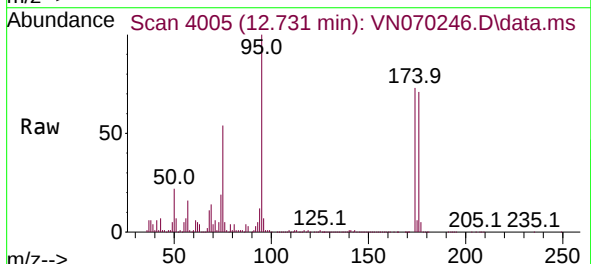
Instrument :
MSVOA_N
ClientSampleId :

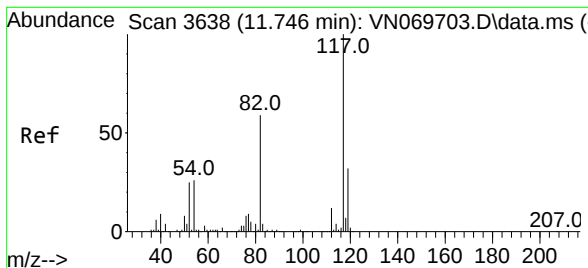
Tgt Ion:129 Resp: 391
Ion Ratio Lower Upper
129 100
127 39.9 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 66.444 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 95 Resp: 1429148
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 72.1 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN070246.D

Acq: 20 Dec 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

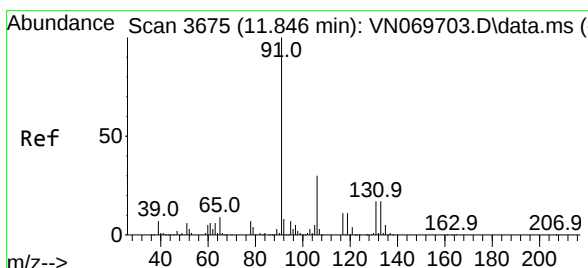
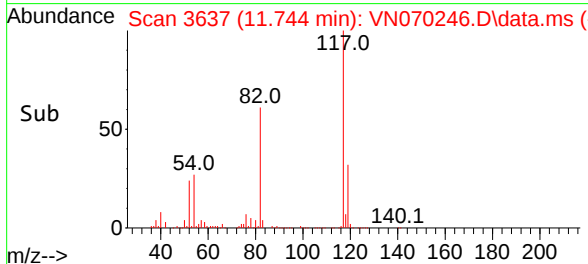
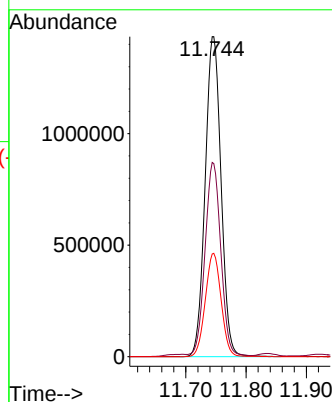
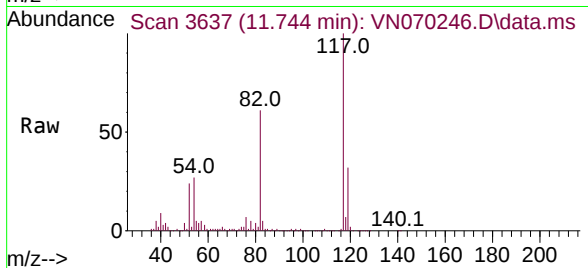
Tgt Ion:117 Resp: 2627929

Ion Ratio Lower Upper

117 100

82 60.3 42.4 63.6

119 32.1 25.4 38.2



#67

Ethyl Benzene

Concen: 3.212 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070246.D

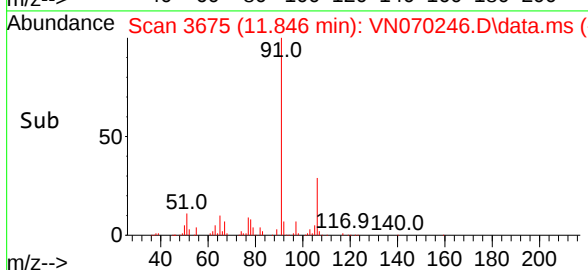
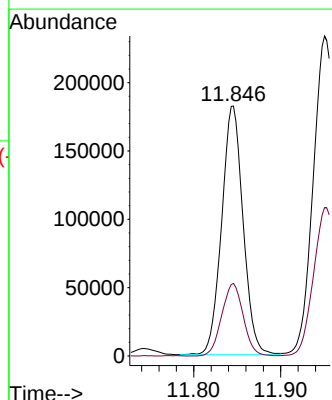
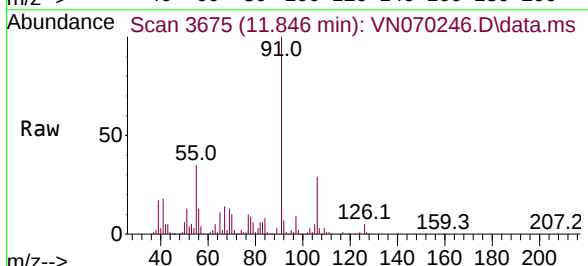
Acq: 20 Dec 2021 17:35

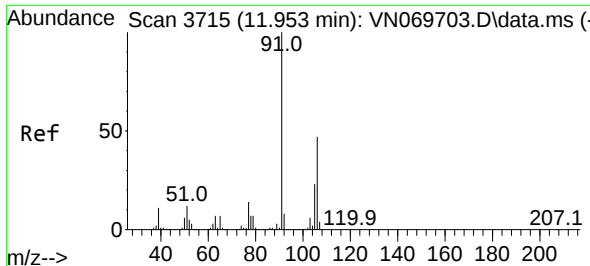
Tgt Ion: 91 Resp: 311060

Ion Ratio Lower Upper

91 100

106 29.1 25.7 38.5

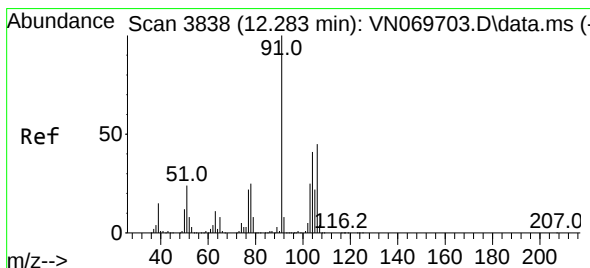
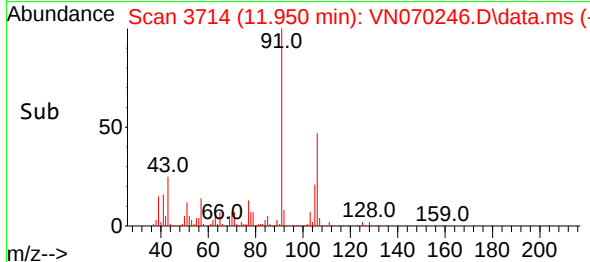
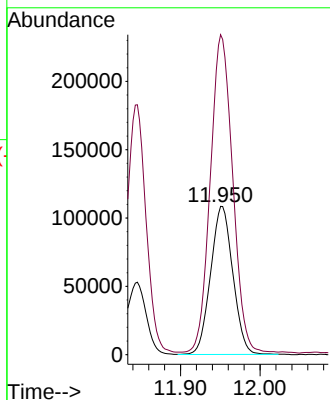
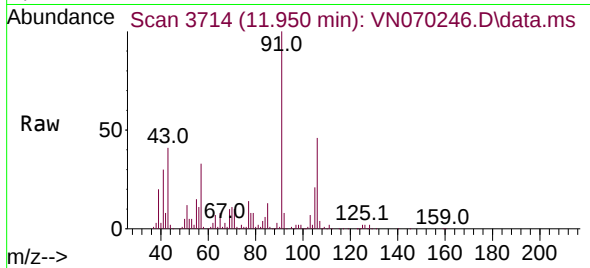




#68
m/p-Xylenes
Concen: 5.977 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

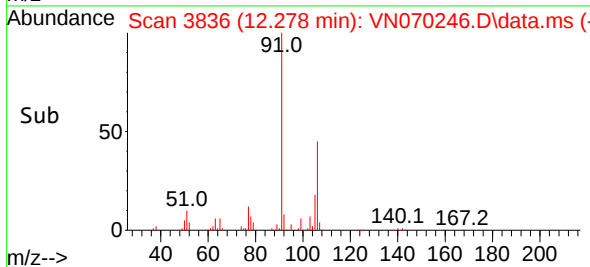
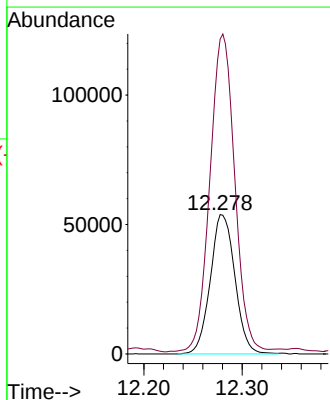
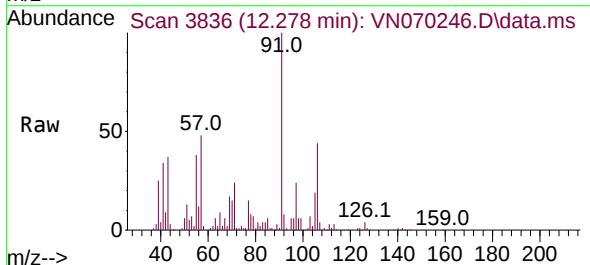
Instrument :
MSVOA_N
ClientSampleId :

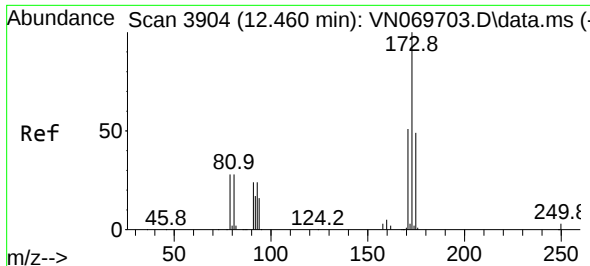
Tgt Ion:106 Resp: 210762
Ion Ratio Lower Upper
106 100
91 215.0 160.6 240.8



#69
o-Xylene
Concen: 2.637 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion:106 Resp: 93673
Ion Ratio Lower Upper
106 100
91 229.9 105.8 317.3

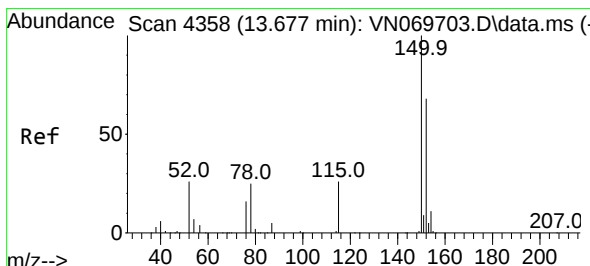
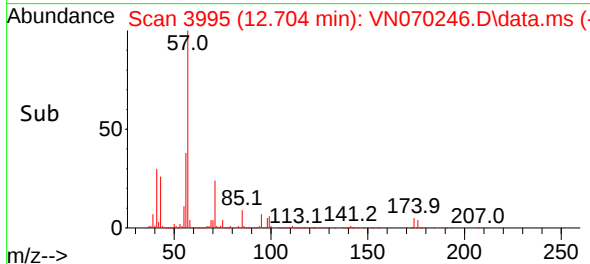
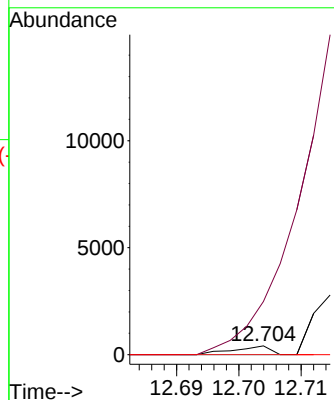
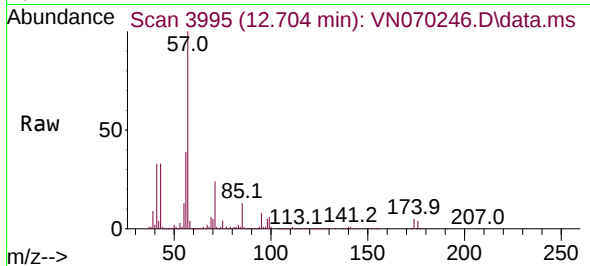




#71
Bromoform
Concen: 2.741 ug/l
RT: 12.704 min Scan# 3904
Delta R.T. 0.244 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

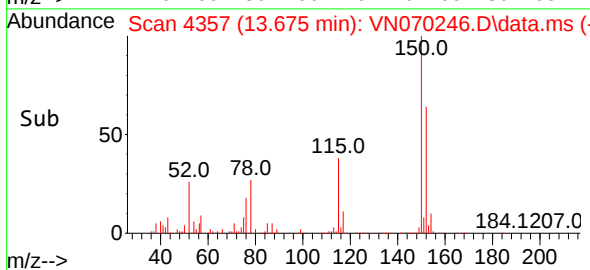
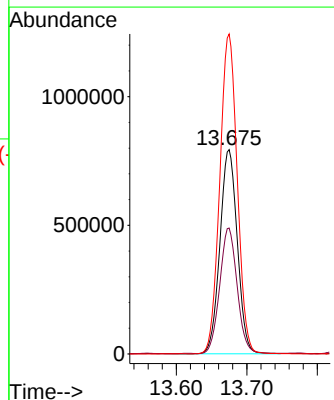
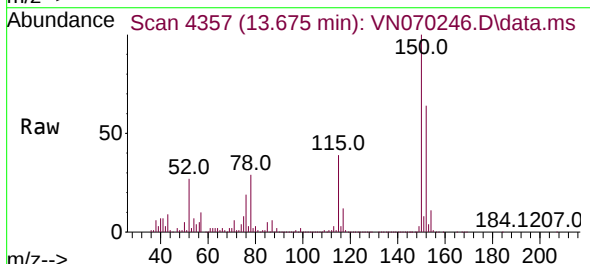
Instrument :
MSVOA_N
ClientSampleId :

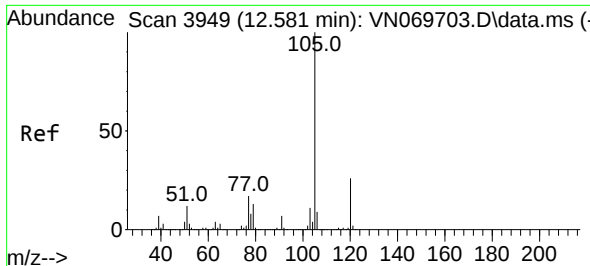
Tgt Ion:173 Resp: 166
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

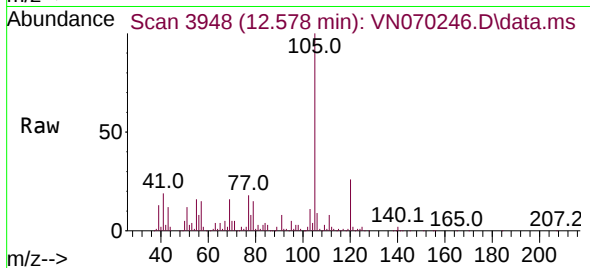
Tgt Ion:152 Resp: 1360718
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 157.0 0.0 344.4



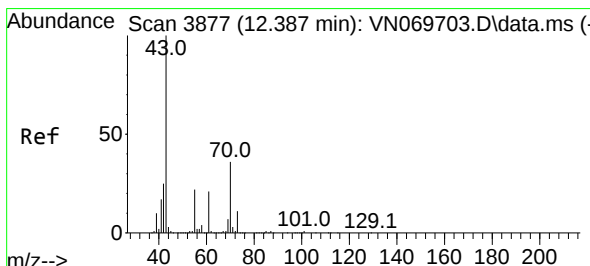
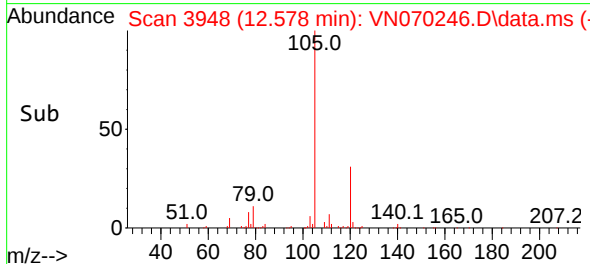
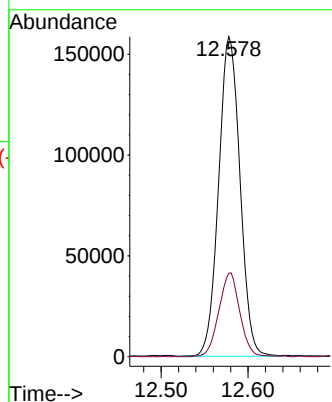


#73
Isopropylbenzene
Concen: 2.234 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :

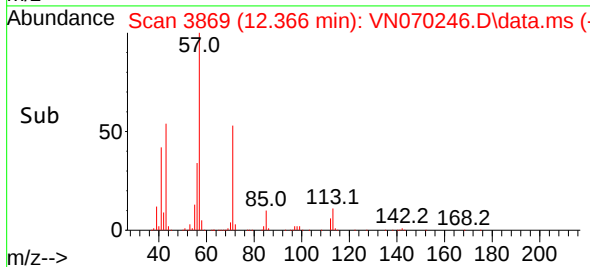
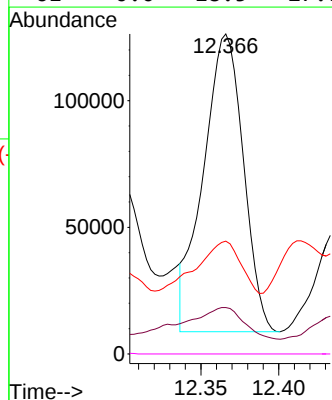
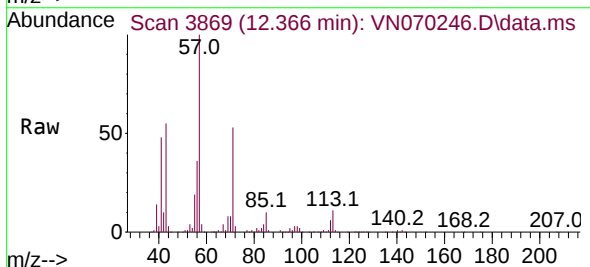


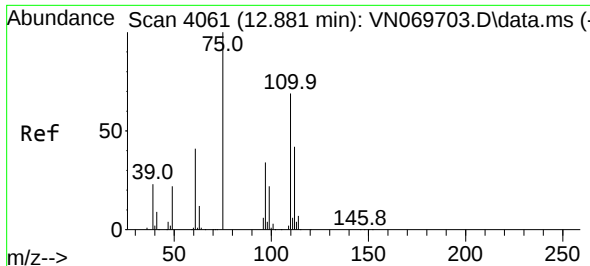
Tgt Ion:105 Resp: 270479
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 3.930 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.021 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 43 Resp: 210390
Ion Ratio Lower Upper
43 100
70 16.0 33.4 50.0#
55 14.7 19.3 28.9#
61 0.0 18.5 27.7#

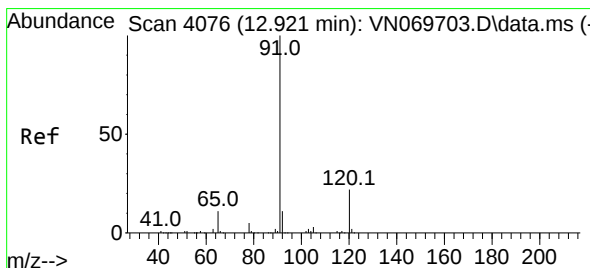
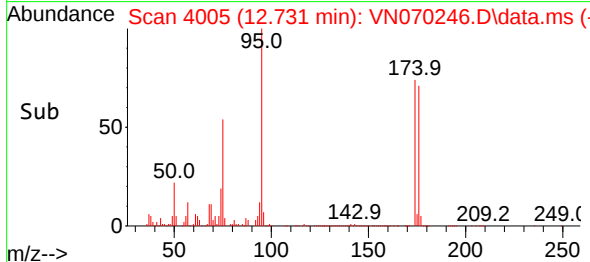
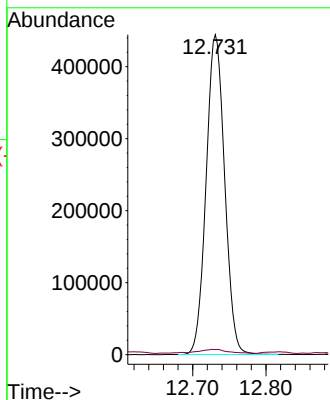
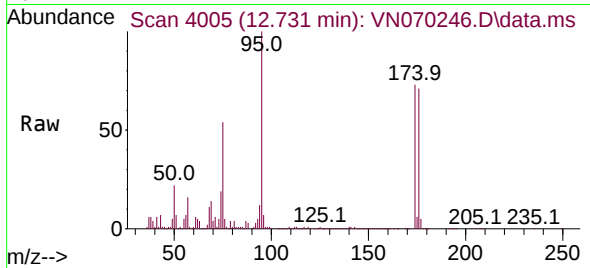




#76
1,2,3-Trichloropropane
Concen: 19.960 ug/l
RT: 12.731 min Scan# 4061
Delta R.T. -0.150 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

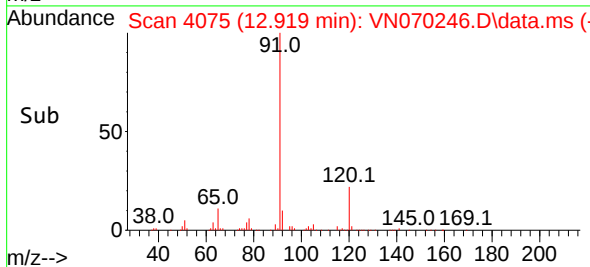
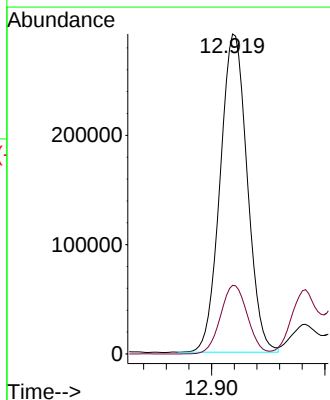
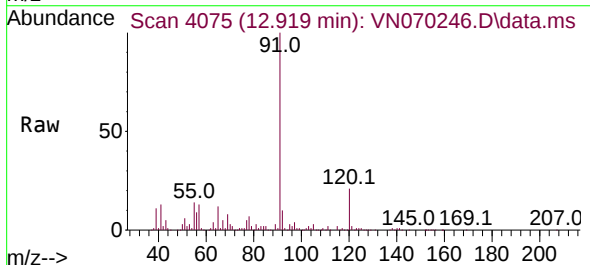
Instrument :
MSVOA_N
ClientSampleId :

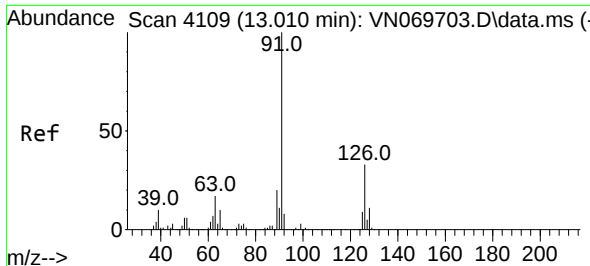
Tgt Ion: 75 Resp: 778891
Ion Ratio Lower Upper
75 100
77 1.9 82.6 247.8#



#78
n-propylbenzene
Concen: 3.585 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 91 Resp: 483028
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

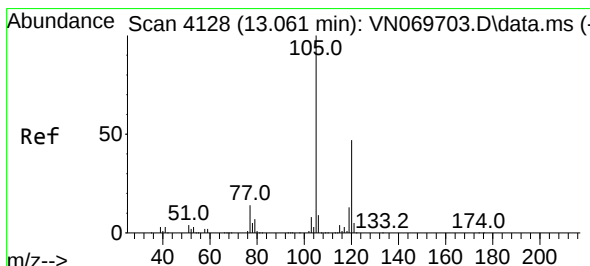
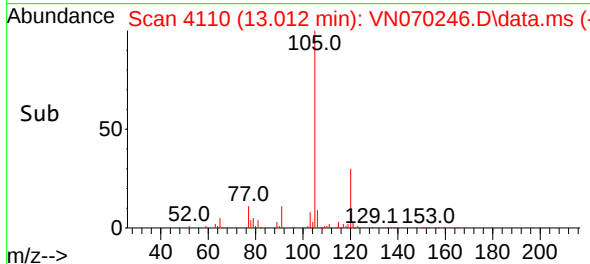
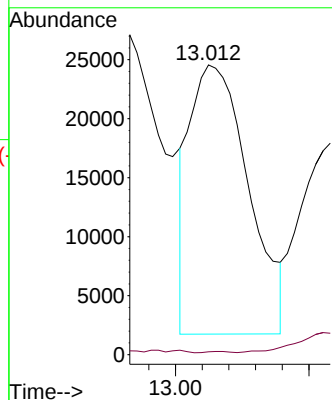
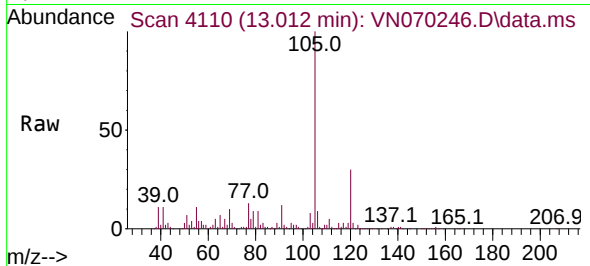




#79
2-Chlorotoluene
Concen: 0.410 ug/l
RT: 13.012 min Scan# 4109
Delta R.T. 0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

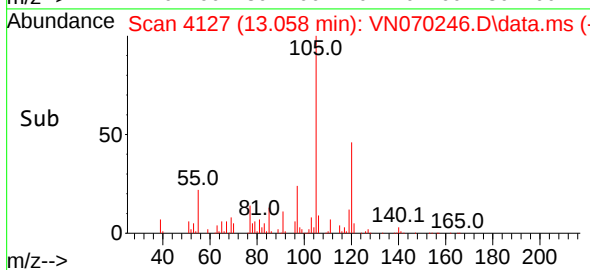
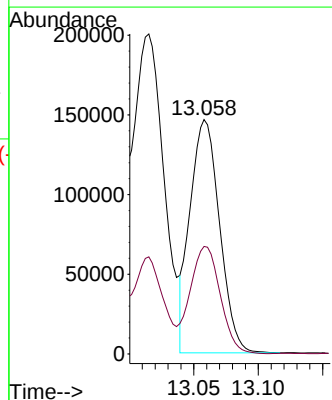
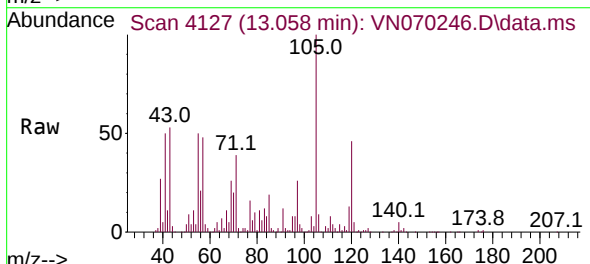
Instrument :
MSVOA_N
ClientSampleId :

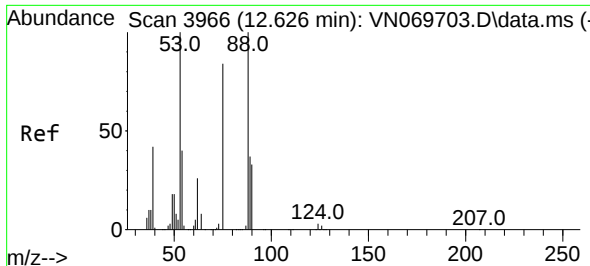
Tgt Ion: 91 Resp: 34873
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 2.387 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 105 Resp: 232632
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6

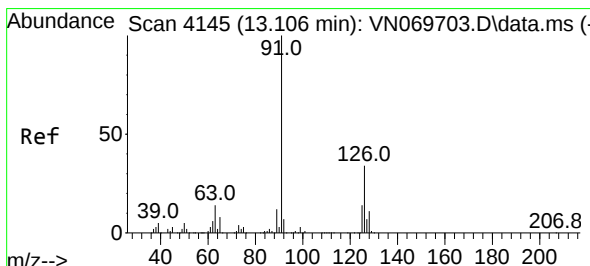
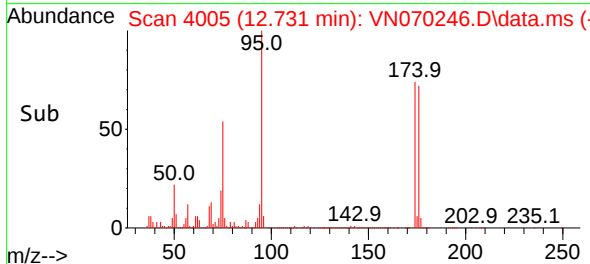
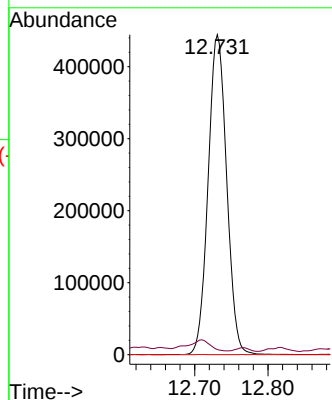
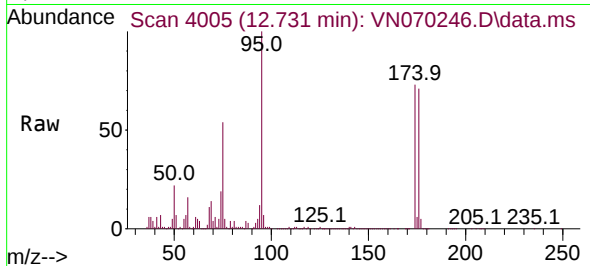




#81
trans-1,4-Dichloro-2-butene
Concen: 64.082 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

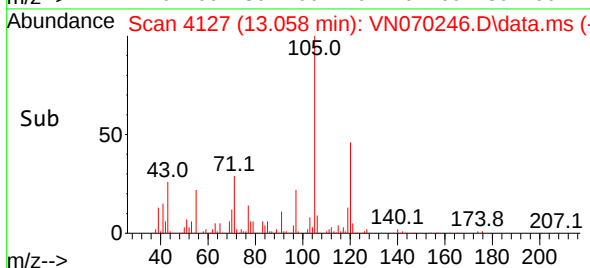
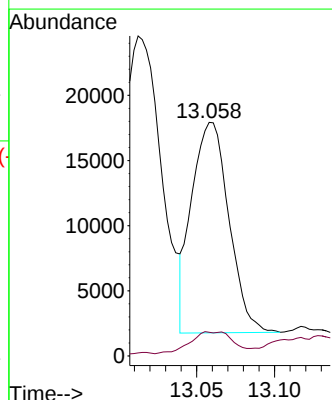
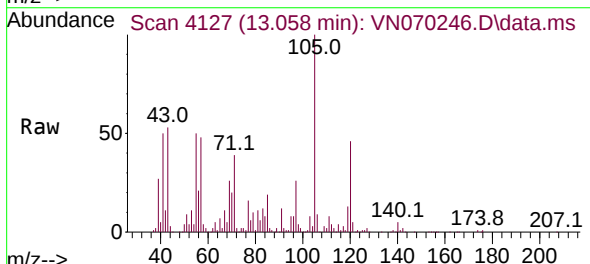
Instrument :
MSVOA_N
ClientSampleId :

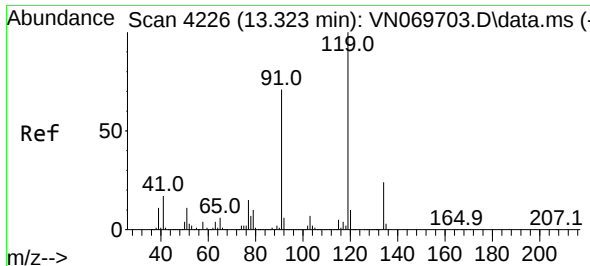
Tgt Ion: 75 Resp: 778891
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.335 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

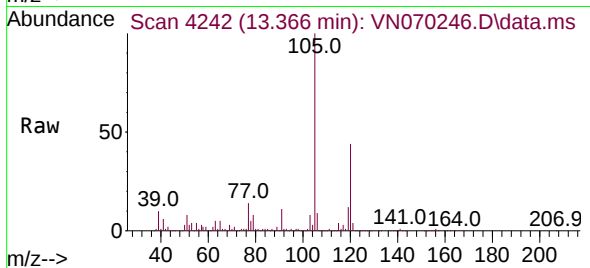
Tgt Ion: 91 Resp: 26794
Ion Ratio Lower Upper
91 100
126 6.8 18.2 54.6#



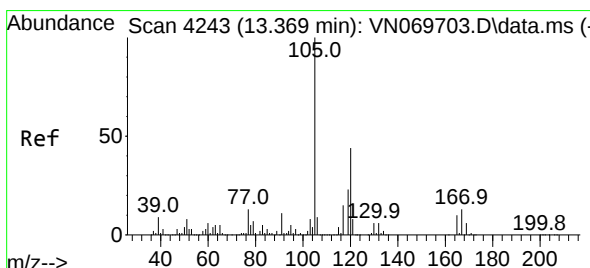
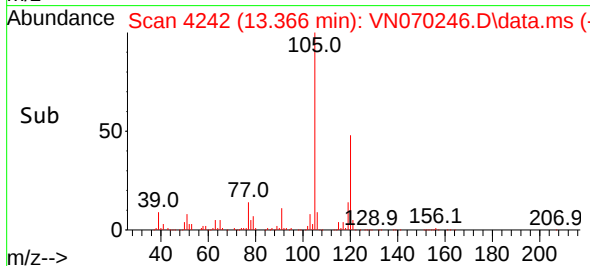
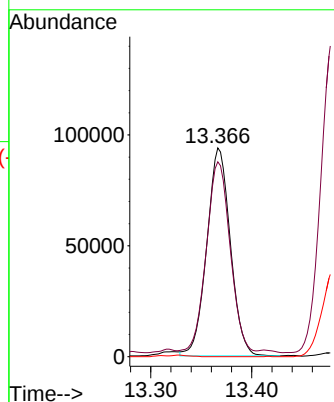


#83
 tert-Butylbenzene
 Concen: 1.762 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. 0.043 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

Instrument :
 MSVOA_N
 ClientSampleId :

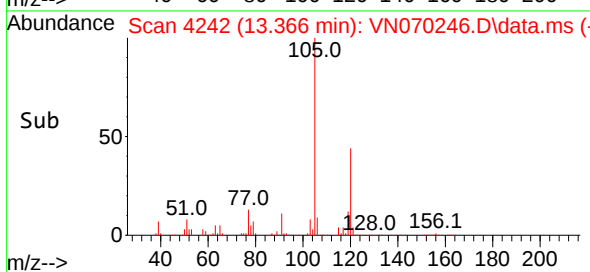
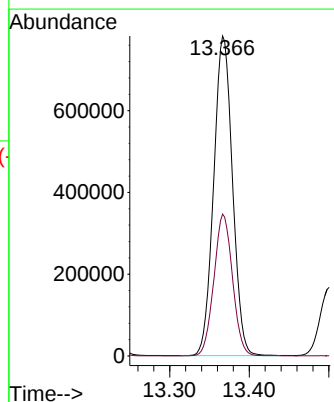
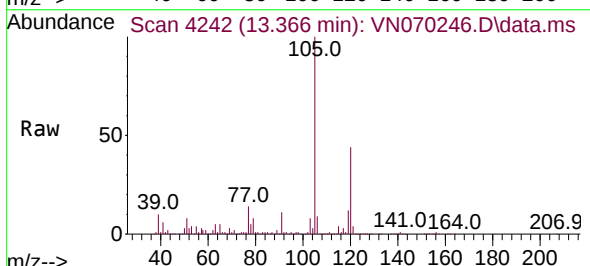


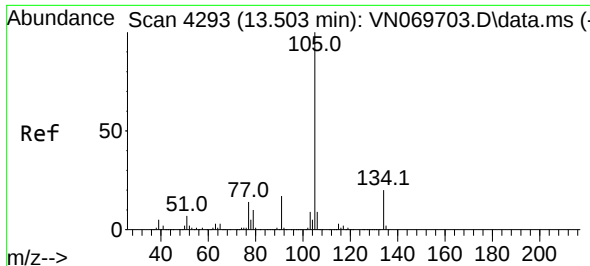
Tgt Ion:119 Resp: 152031
 Ion Ratio Lower Upper
 119 100
 91 90.5 31.5 94.5
 134 0.0 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 13.853 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. -0.003 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

Tgt Ion:105 Resp: 1285563
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.8 68.4

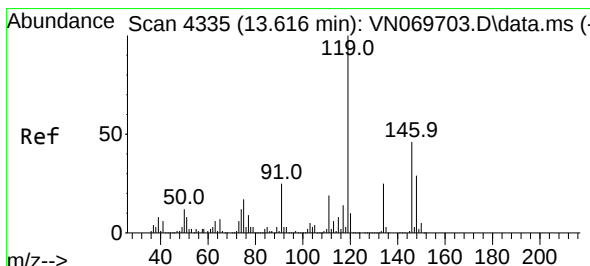
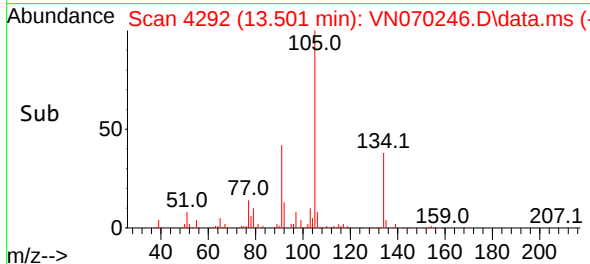
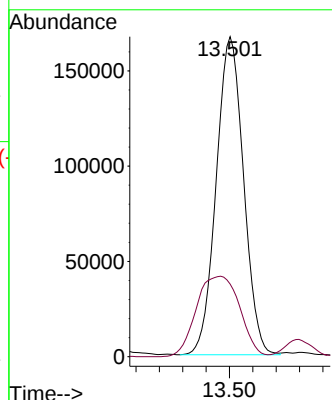
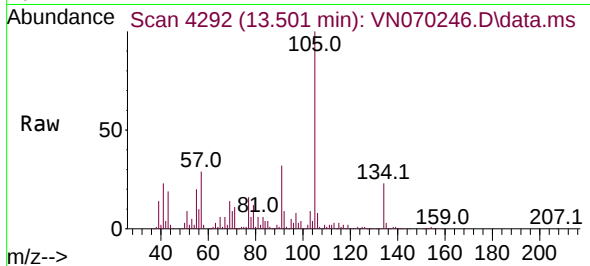




#85
 sec-Butylbenzene
 Concen: 2.317 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

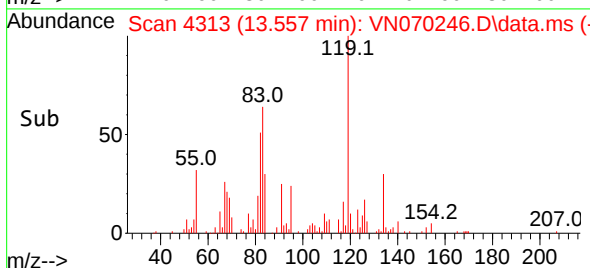
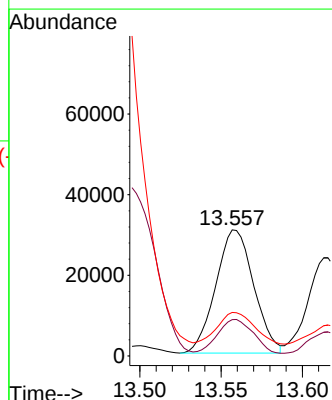
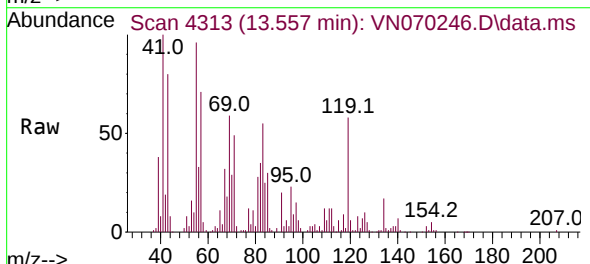
Instrument :
 MSVOA_N
 ClientSampleId :

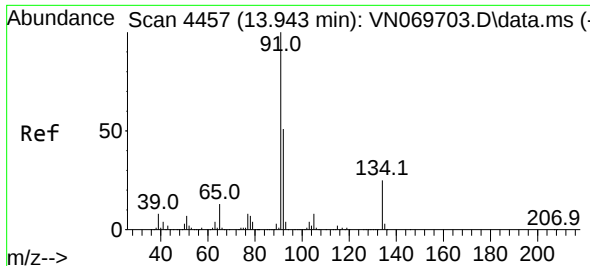
Tgt Ion:105 Resp: 271124
 Ion Ratio Lower Upper
 105 100
 134 40.1 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.544 ug/l
 RT: 13.557 min Scan# 4313
 Delta R.T. -0.059 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

Tgt Ion:119 Resp: 49758
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.6 40.7
 91 24.6 11.4 34.1

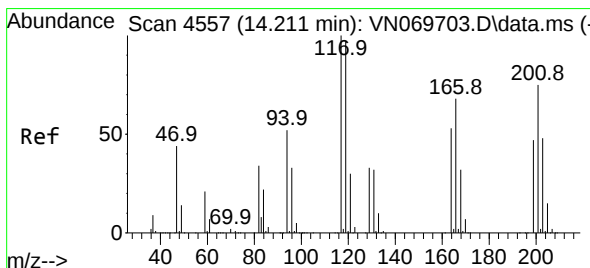
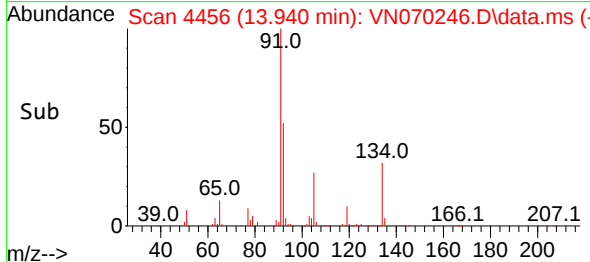
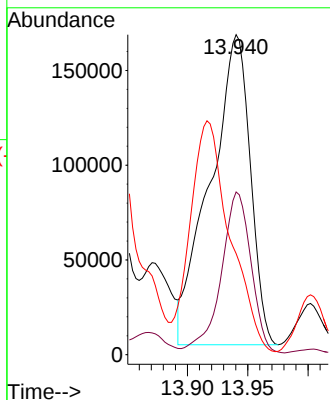
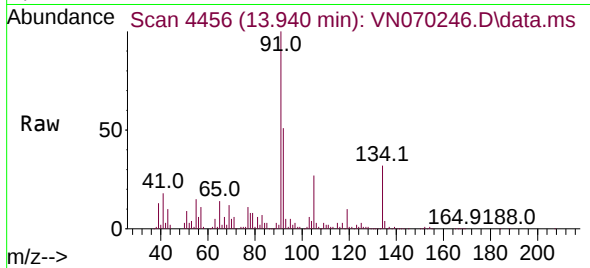




#89
n-Butylbenzene
Concen: 5.096 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

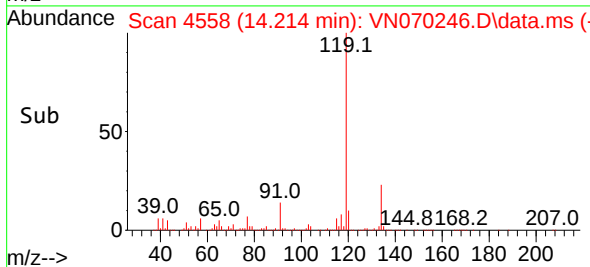
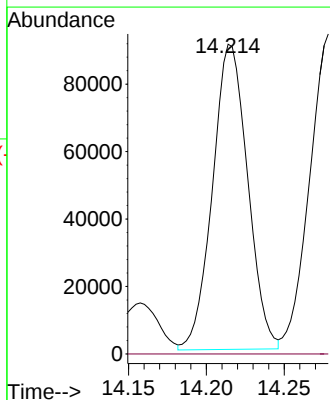
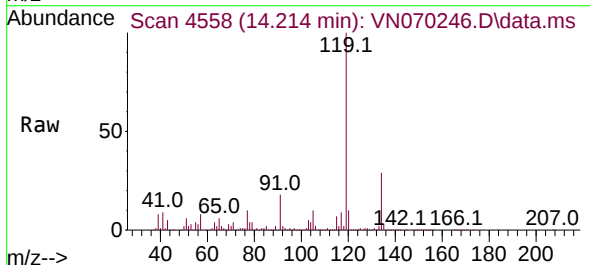
Instrument :
MSVOA_N
ClientSampleId :

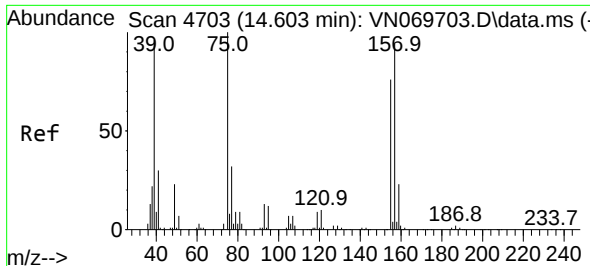
Tgt Ion: 91 Resp: 378155
Ion Ratio Lower Upper
91 100
92 38.7 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 8.837 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion: 117 Resp: 141940
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

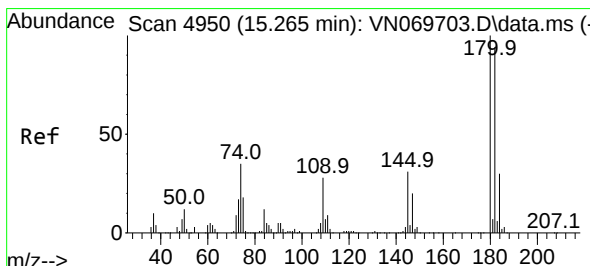
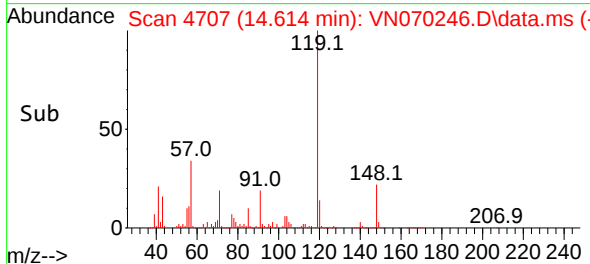
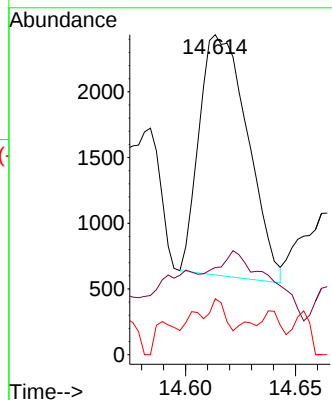
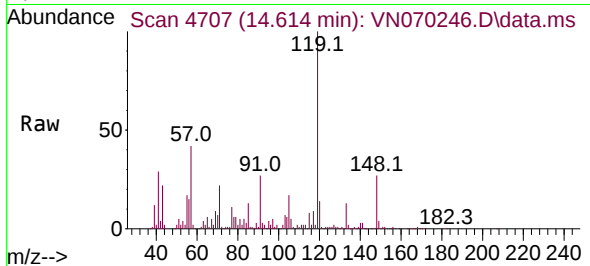




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.370 ug/l
 RT: 14.614 min Scan# 41
 Delta R.T. 0.011 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

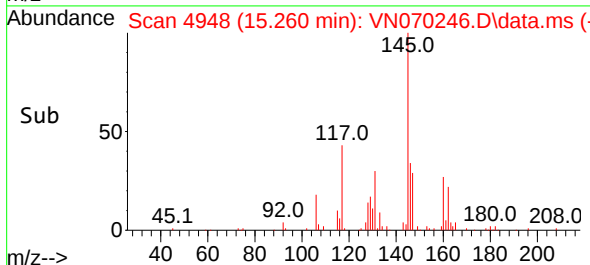
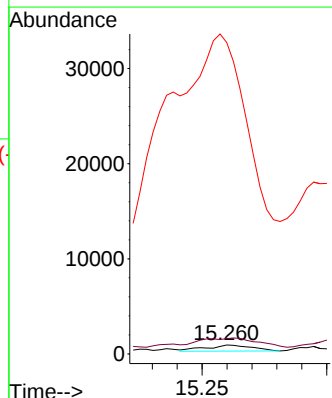
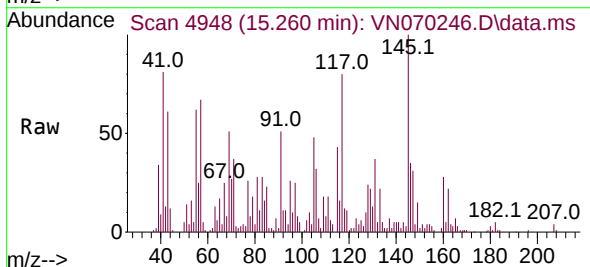
Instrument :
 MSVOA_N
 ClientSampleId :

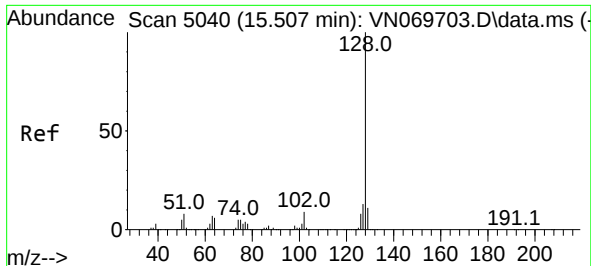
Tgt Ion: 75 Resp: 2801
 Ion Ratio Lower Upper
 75 100
 155 25.9 46.9 140.7#
 157 15.7 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.913 ug/l
 RT: 15.260 min Scan# 4948
 Delta R.T. -0.005 min
 Lab File: VN070246.D
 Acq: 20 Dec 2021 17:35

Tgt Ion: 180 Resp: 827
 Ion Ratio Lower Upper
 180 100
 182 214.8 48.3 144.9#
 145 8121.0 14.5 43.5#

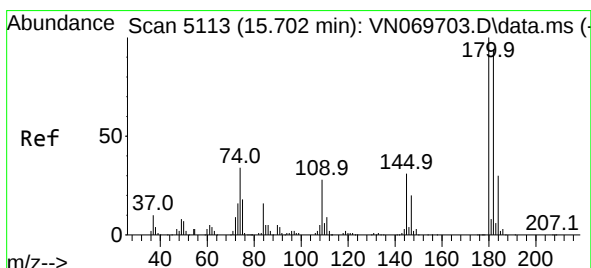
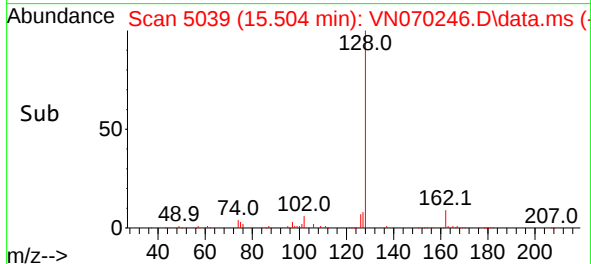
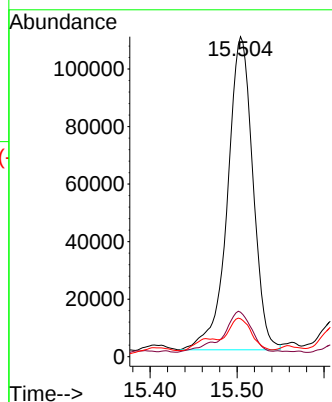
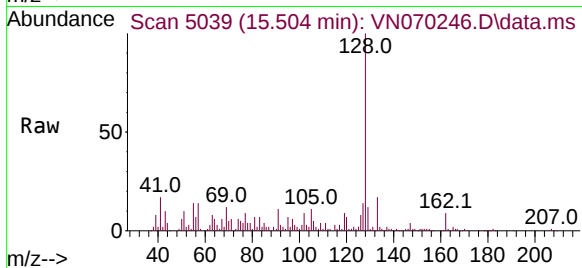




#95
Naphthalene
Concen: 7.043 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 220941
Ion Ratio Lower Upper
128 100
127 14.8 10.5 15.7
129 8.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.450 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070246.D
Acq: 20 Dec 2021 17:35

Tgt Ion:180 Resp: 320
Ion Ratio Lower Upper
180 100
182 153.1 47.4 142.2#
145 0.0 15.0 45.1#

