

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070266.D
 Acq On : 21 Dec 2021 14:36
 Operator : JC/MD
 Sample : M5039-03DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 20:10:49 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	886408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1486552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1283941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	500316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	748781	54.711	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.420%	
35) Dibromofluoromethane	8.021	113	494670	53.125	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.240%	
50) Toluene-d8	10.440	98	1909639	51.076	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.731	95	662723	48.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.860%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	2609	0.201	ug/l	97
8) Diethyl Ether	3.816	74	1815	0.301	ug/l	72
11) Tert butyl alcohol	5.377	59	248469	96.045	ug/l #	85
13) Acrolein	4.046	56	619	0.281	ug/l #	14
14) Allyl chloride	4.964	41	14672	0.771	ug/l #	36
15) Acrylonitrile	5.605	53	3494	0.501	ug/l #	21
16) Acetone	4.269	43	10439	1.268	ug/l #	74
18) Methyl Acetate	5.079	43	92501	3.722	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	416887	12.698	ug/l #	56
20) Methylene Chloride	5.095	84	3730	0.341	ug/l #	83
22) Diisopropyl ether	6.500	45	49061	1.319	ug/l #	85
23) Vinyl Acetate	6.495	43	26991	0.892	ug/l #	72
25) 2-Butanone	7.351	43	7437	0.665	ug/l	92
31) Cyclohexane	8.091	56	101523	5.330	ug/l #	84
36) 1,1-Dichloropropene	8.086	75	74942	5.296	ug/l #	50
37) Ethyl Acetate	7.351	43	7437	0.353	ug/l #	68
38) Carbon Tetrachloride	8.086	117	91741	6.611	ug/l #	15
39) Methylcyclohexane	9.459	83	46818	2.781	ug/l	88
40) Benzene	8.461	78	2481149	57.360	ug/l	98
42) 1,2-Dichloroethane	8.458	62	25606	1.466	ug/l	84
43) Isopropyl Acetate	8.533	43	54743	1.756	ug/l #	55
52) Toluene	10.505	92	177026	6.703	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	99	2.800	ug/l #	43
54) cis-1,3-Dichloropropene	10.196	75	94	2.004	ug/l #	32
56) Ethyl methacrylate	10.778	69	544	2.305	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.038	63	437	18.463	ug/l #	45
59) 2-Hexanone	10.945	43	10146	0.663	ug/l	64
60) Dibromochloromethane	10.979	129	669	2.432	ug/l #	11
67) Ethyl Benzene	11.843	91	534160	11.290	ug/l	97
68) m/p-Xylenes	11.953	106	799658	46.417	ug/l	93
69) o-Xylene	12.280	106	179990	10.372	ug/l	88
70) Styrene	12.277	104	10225	0.372	ug/l #	1
71) Bromoform	12.731	173	1296	2.887	ug/l #	1
73) Isopropylbenzene	12.578	105	199046	4.472	ug/l	98
76) 1,2,3-Trichloropropane	12.731	75	369178	25.730	ug/l #	1
78) n-propylbenzene	12.918	91	607177	12.258	ug/l	96

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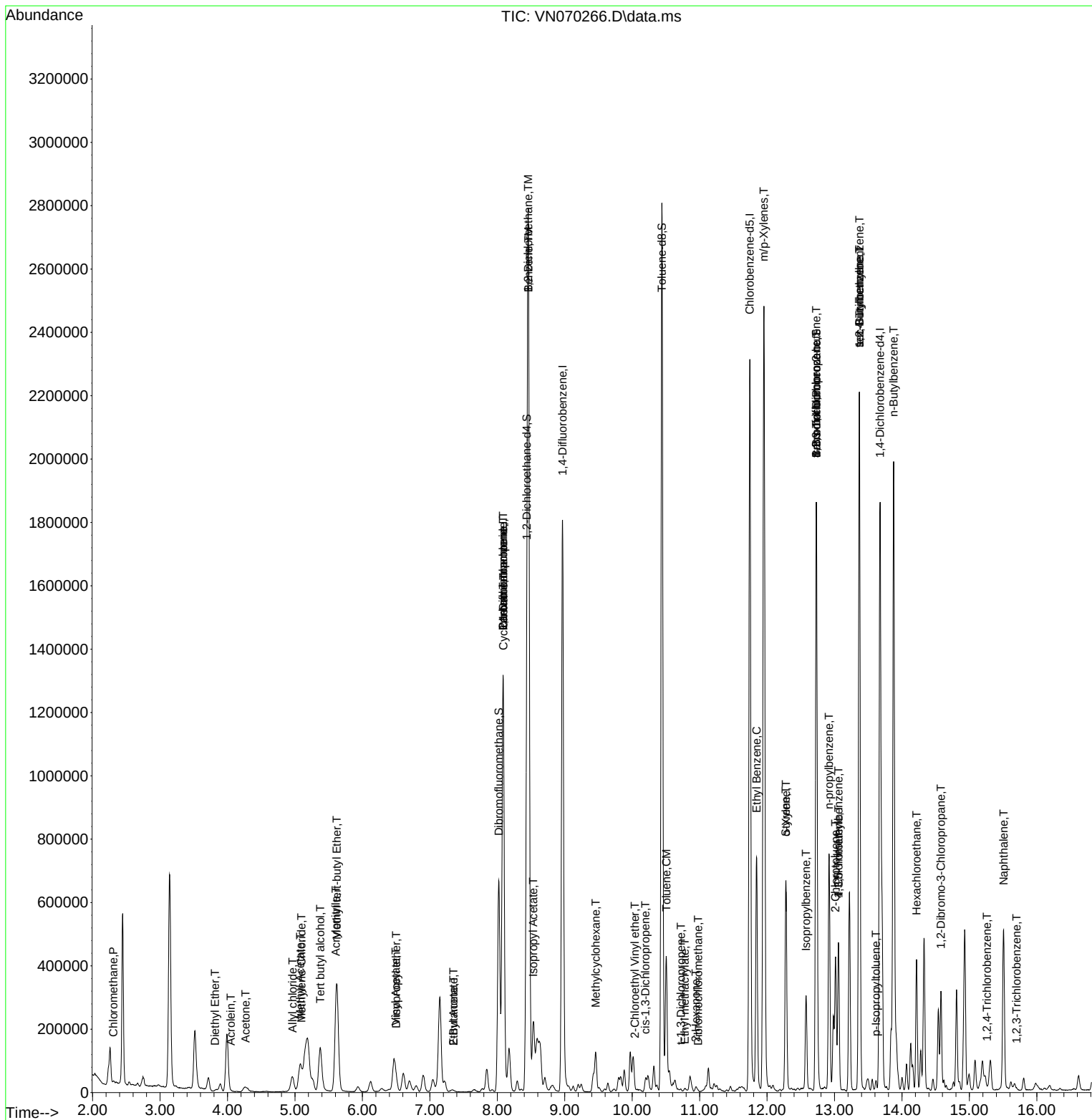
Quant Time: Dec 21 20:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

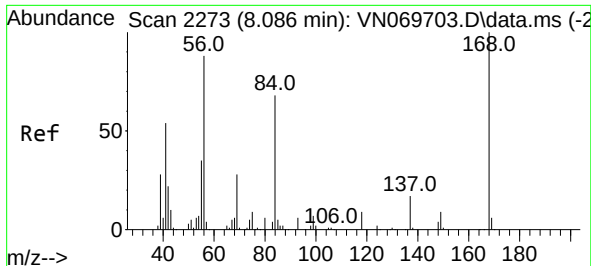
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	13.015	91	19442	0.621	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.058	105	247466	6.907	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.731	75	369178	81.434	ug/l #	5
82) 4-Chlorotoluene	13.058	91	27090	0.920	ug/l #	38
83) tert-Butylbenzene	13.369	119	155000	4.886	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.369	105	1293809	37.918	ug/l	98
85) sec-Butylbenzene	13.369	105	1293809	30.066	ug/l #	56
86) p-Isopropyltoluene	13.613	119	15389	0.458	ug/l #	75
89) n-Butylbenzene	13.876	91	159245	5.836	ug/l #	46
90) Hexachloroethane	14.217	117	22009	3.727	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.576	75	916	0.329	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.262	180	1431	3.042	ug/l	80
95) Naphthalene	15.507	128	461908	21.371	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	1429	2.606	ug/l #	32

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

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Response via : Initial Calibration

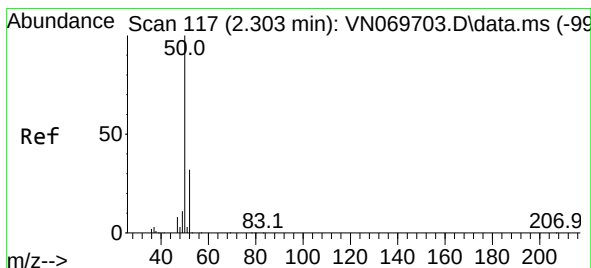
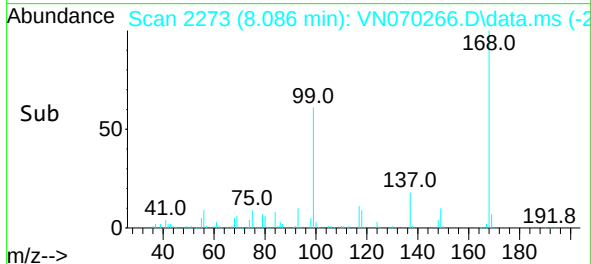
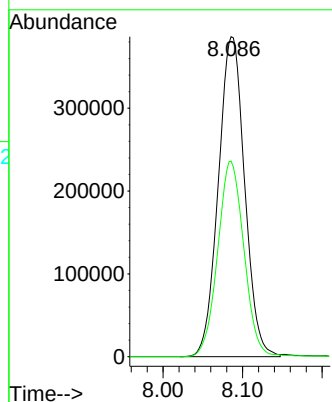
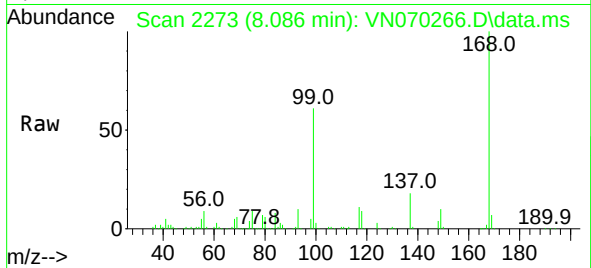




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070266.D
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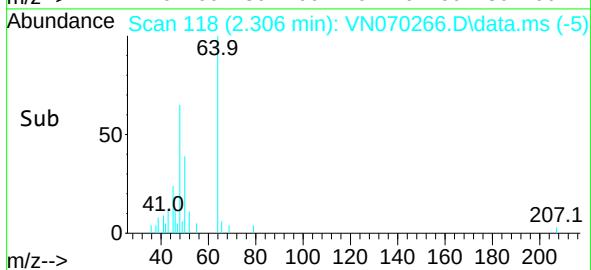
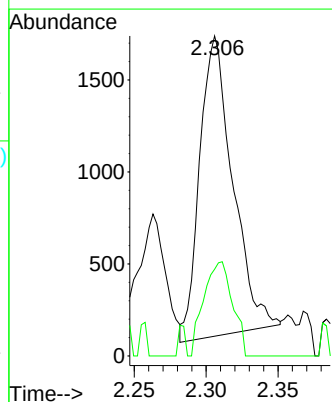
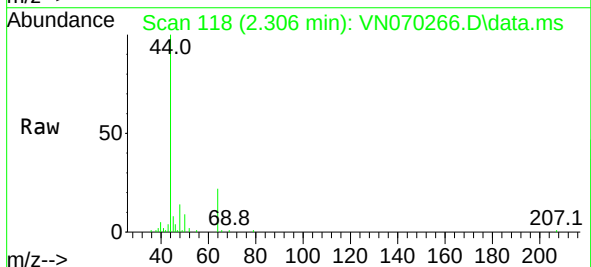
Instrument :
MSVOA_N
ClientSampleId :

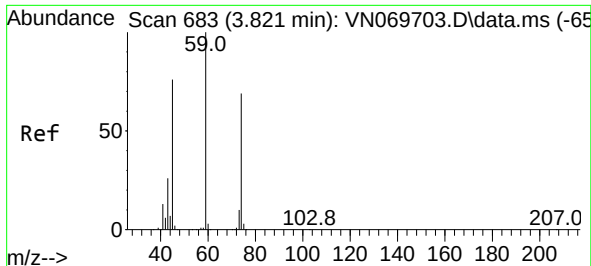
Tgt Ion:168 Resp: 886408
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#3
Chloromethane
Concen: 0.201 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

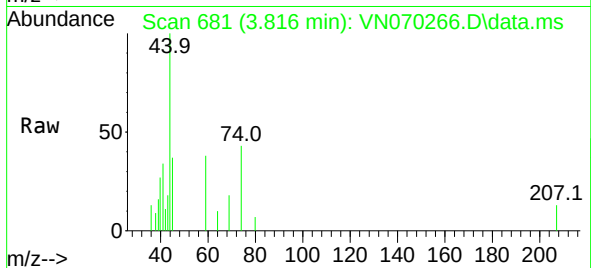
Tgt Ion: 50 Resp: 2609
Ion Ratio Lower Upper
50 100
52 30.0 25.4 38.0



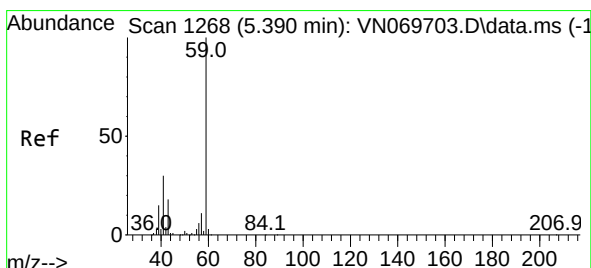
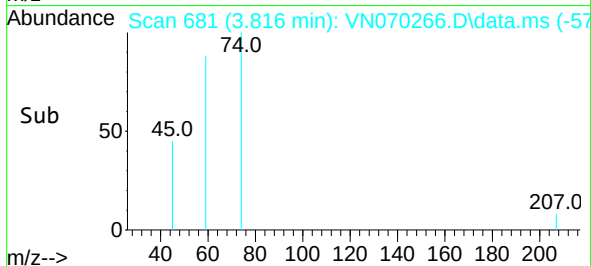
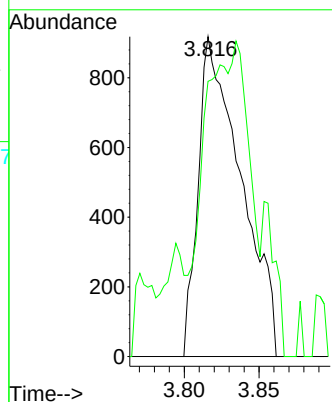


#8
Diethyl Ether
Concen: 0.301 ug/l
RT: 3.816 min Scan# 681
Delta R.T. -0.005 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Instrument :
MSVOA_N
ClientSampleId :

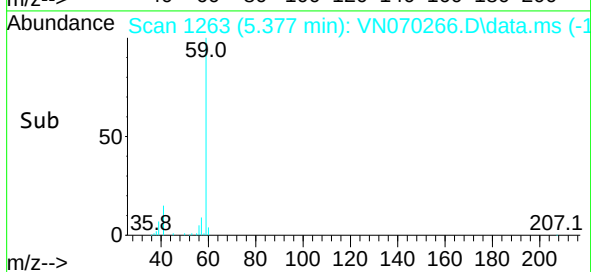
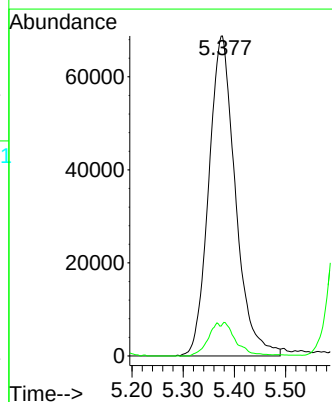
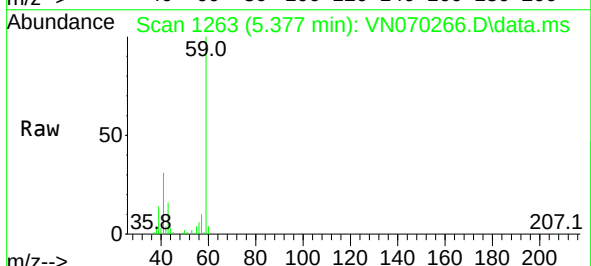


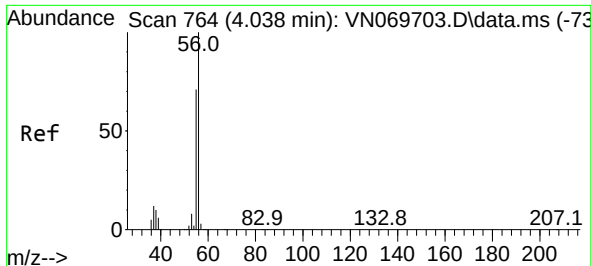
Tgt Ion: 74 Resp: 1815
Ion Ratio Lower Upper
74 100
45 67.4 47.0 141.2



#11
Tert butyl alcohol
Concen: 96.045 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.013 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion: 59 Resp: 248469
Ion Ratio Lower Upper
59 100
57 5.0 8.7 13.1#

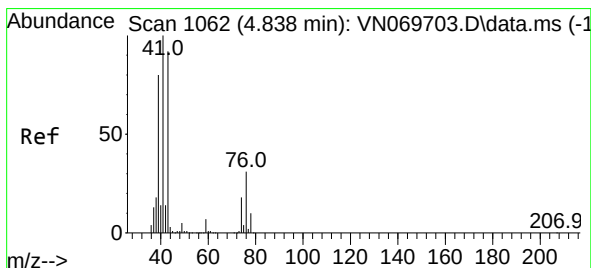
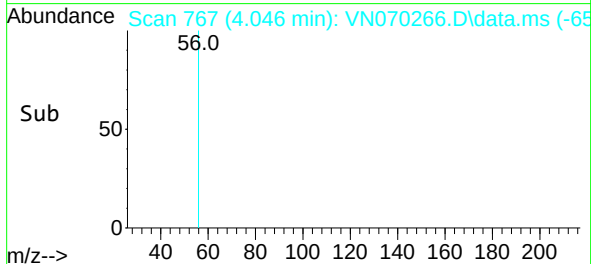
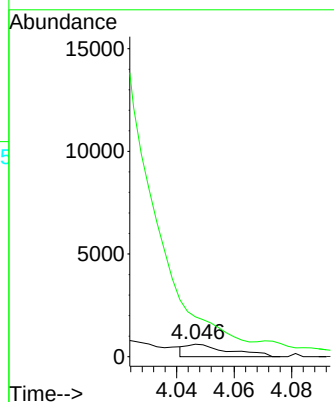
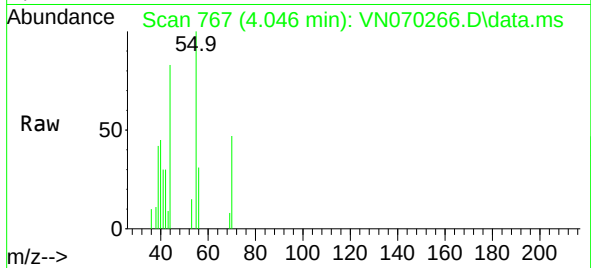




#13
Acrolein
Concen: 0.281 ug/l
RT: 4.046 min Scan# 71
Delta R.T. 0.008 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

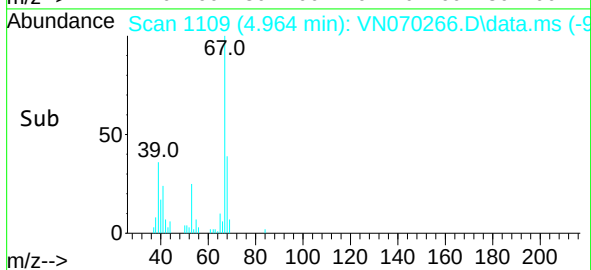
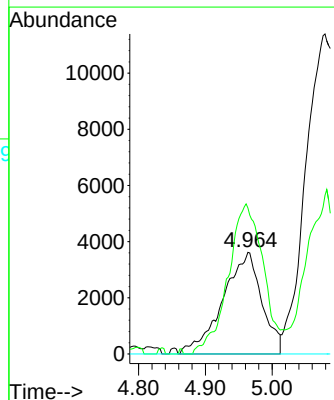
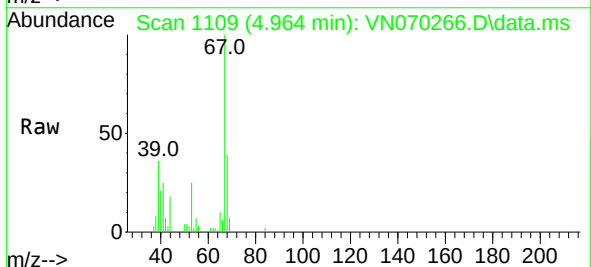
Instrument :
MSVOA_N
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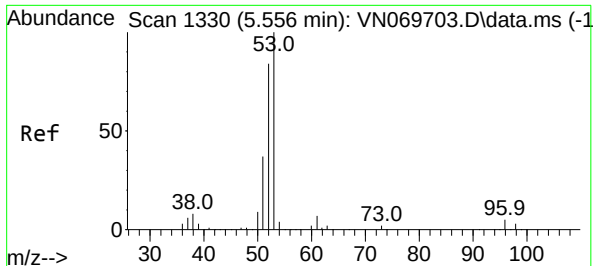
Tgt Ion: 56 Resp: 619
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#14
Allyl chloride
Concen: 0.771 ug/l
RT: 4.964 min Scan# 1109
Delta R.T. 0.126 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion: 41 Resp: 14672
Ion Ratio Lower Upper
41 100
39 134.2 61.2 91.8#
76 0.0 26.0 39.0#

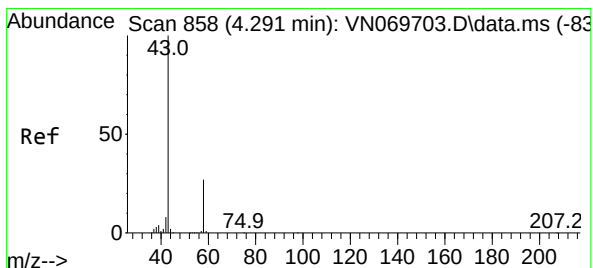
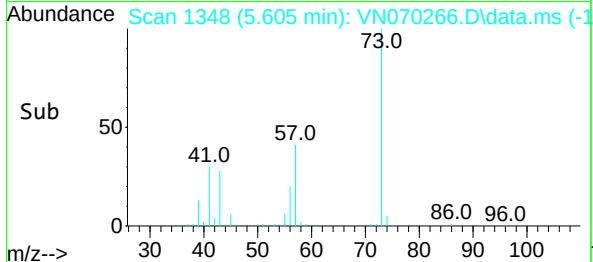
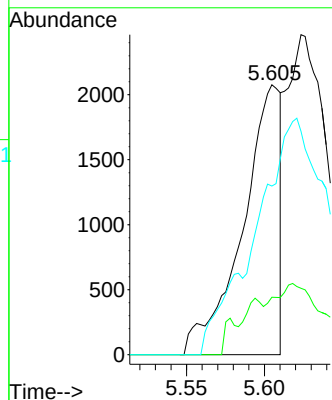
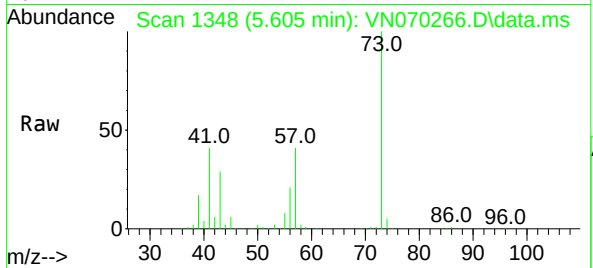




#15
Acrylonitrile
Concen: 0.501 ug/l
RT: 5.605 min Scan# 11
Delta R.T. 0.048 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

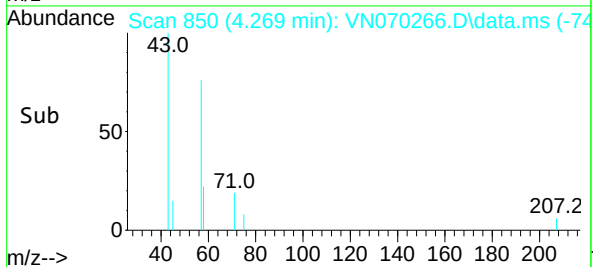
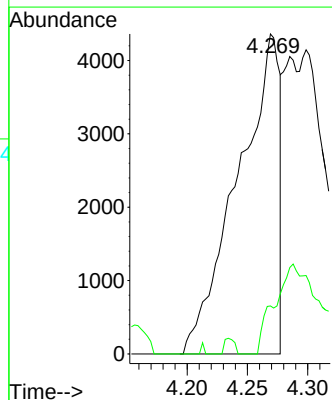
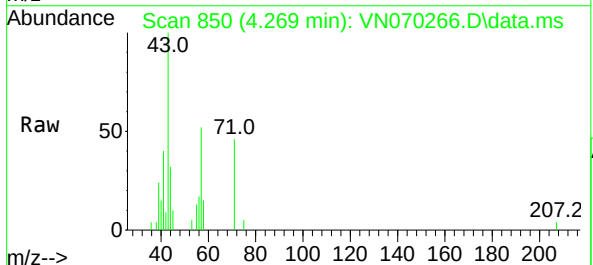
Instrument :
MSVOA_N
ClientSampleId :

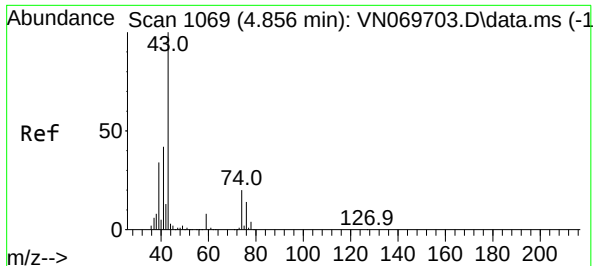
Tgt Ion: 53 Resp: 3494
Ion Ratio Lower Upper
53 100
52 4.7 66.2 99.2#
51 0.0 29.6 44.4#



#16
Acetone
Concen: 1.268 ug/l
RT: 4.269 min Scan# 850
Delta R.T. -0.021 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion: 43 Resp: 10439
Ion Ratio Lower Upper
43 100
58 15.0 23.1 34.7#





#18

Methyl Acetate

Concen: 3.722 ug/l

RT: 5.079 min Scan# 1152

Delta R.T. 0.223 min

Lab File: VN070266.D

Acq: 21 Dec 2021 14:36

Instrument :

MSVOA_N

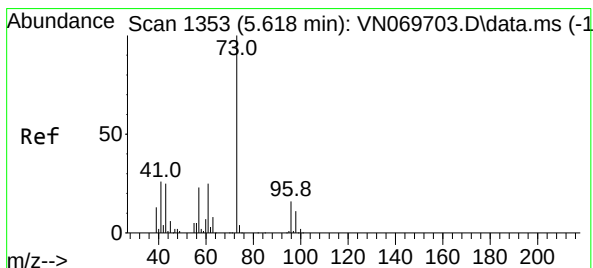
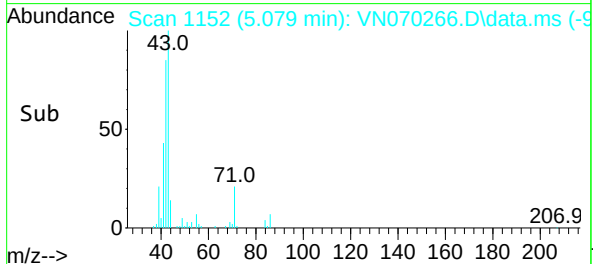
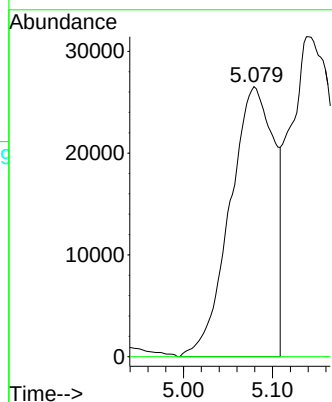
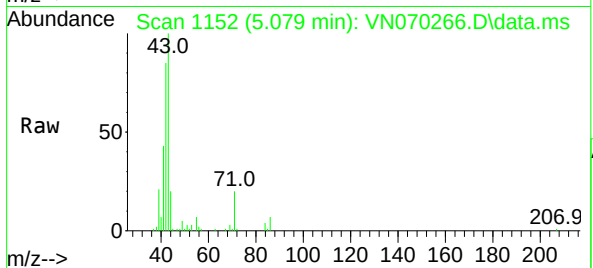
ClientSampleId :

Tgt Ion: 43 Resp: 92501

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 12.698 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.003 min

Lab File: VN070266.D

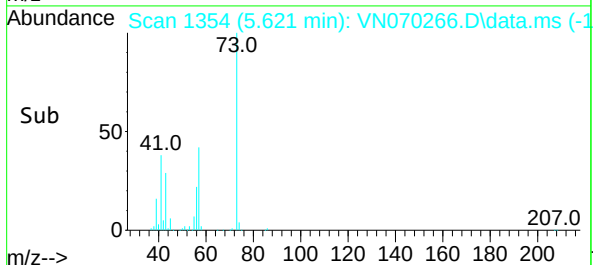
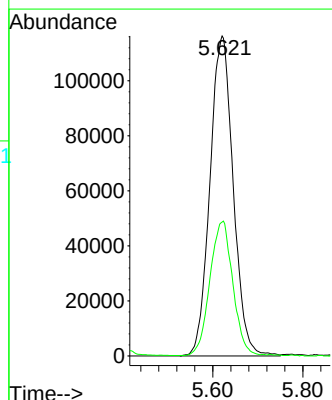
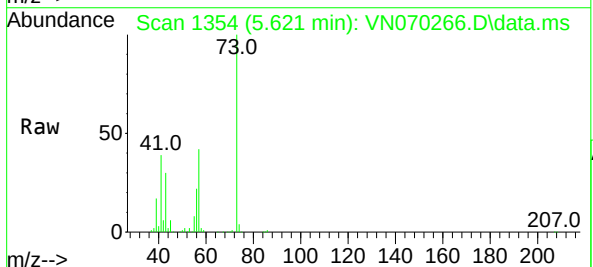
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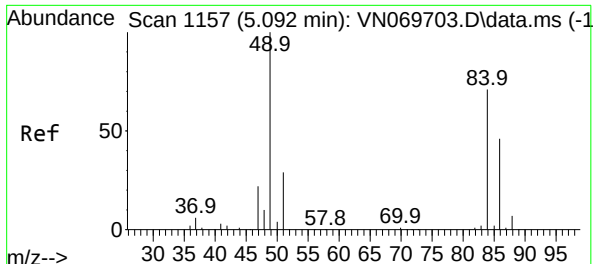
Tgt Ion: 73 Resp: 416887

Ion Ratio Lower Upper

73 100

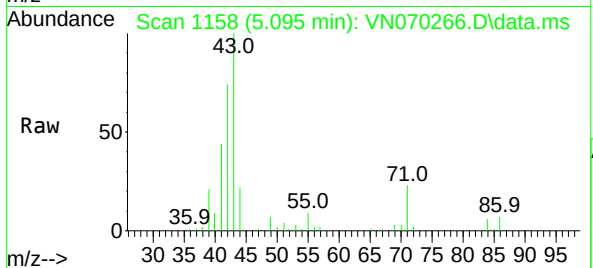
57 41.7 16.8 25.2#



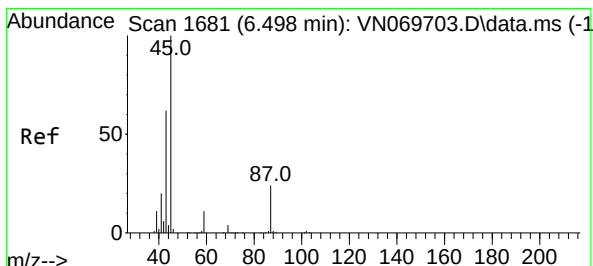
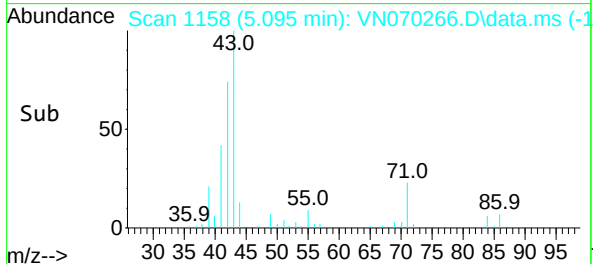
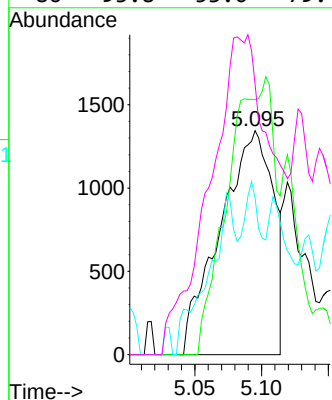


#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 5.095 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Instrument :
MSVOA_N
ClientSampleId :

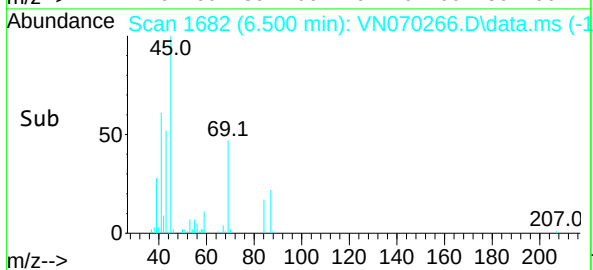
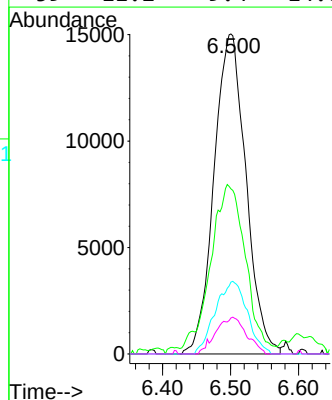
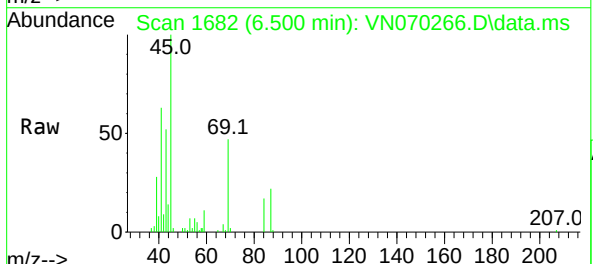


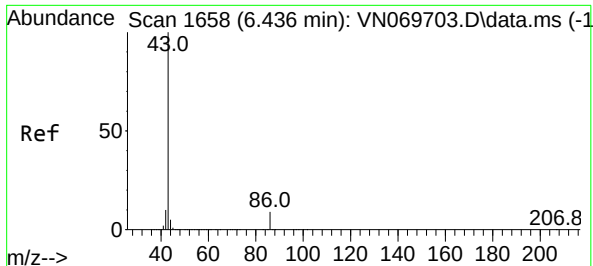
Tgt Ion: 84 Resp: 3730
Ion Ratio Lower Upper
84 100
49 113.8 93.5 140.3
51 54.7 29.4 44.2#
86 93.8 53.0 79.4#



#22
Diisopropyl ether
Concen: 1.319 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

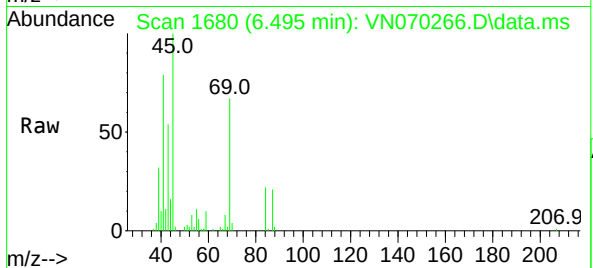
Tgt Ion: 45 Resp: 49061
Ion Ratio Lower Upper
45 100
43 49.9 51.7 77.5#
87 22.5 23.2 34.8#
59 11.2 9.4 14.0



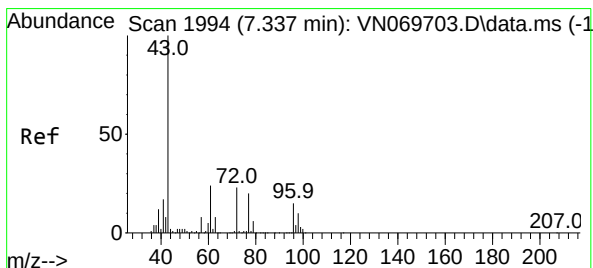
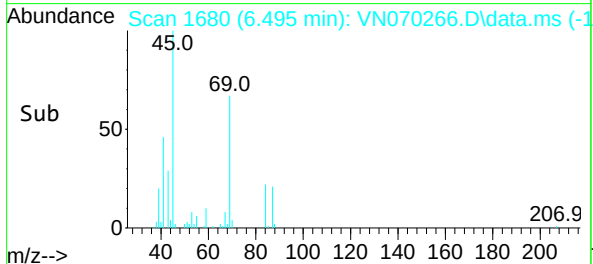
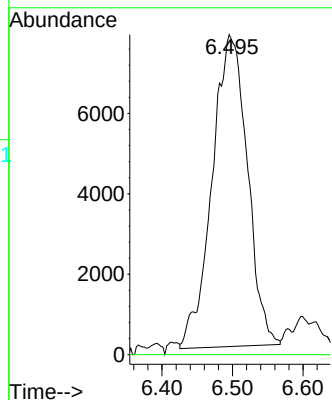


#23
 Vinyl Acetate
 Concen: 0.892 ug/l
 RT: 6.495 min Scan# 11
 Delta R.T. 0.059 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

Instrument :
 MSVOA_N
 ClientSampleId :

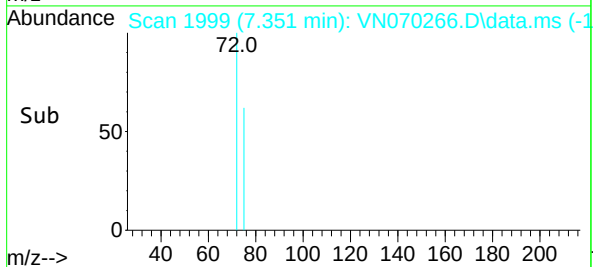
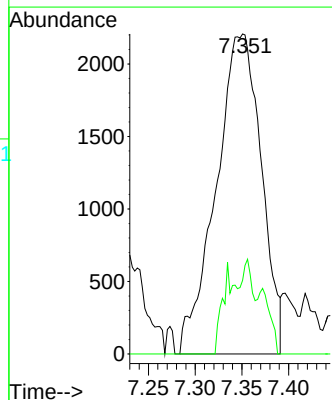
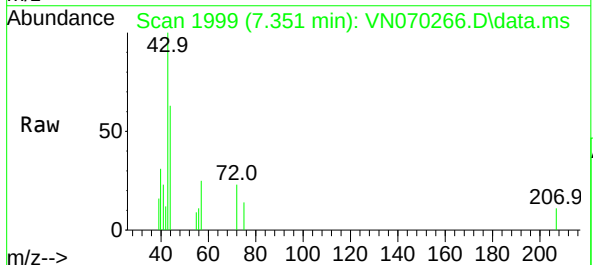


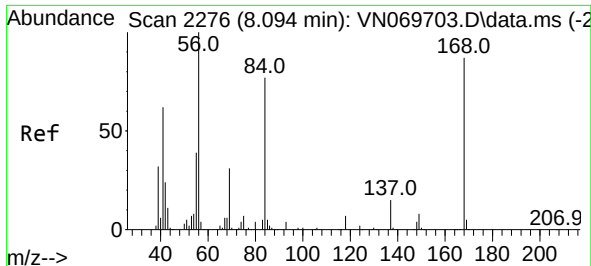
Tgt Ion: 43 Resp: 26991
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 0.665 ug/l
 RT: 7.351 min Scan# 1999
 Delta R.T. 0.013 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

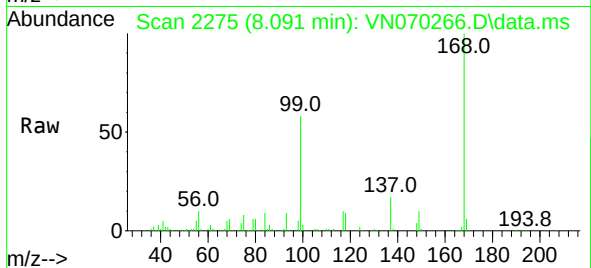
Tgt Ion: 43 Resp: 7437
 Ion Ratio Lower Upper
 43 100
 72 23.0 21.7 32.5



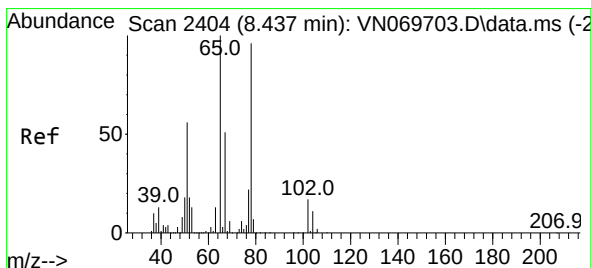
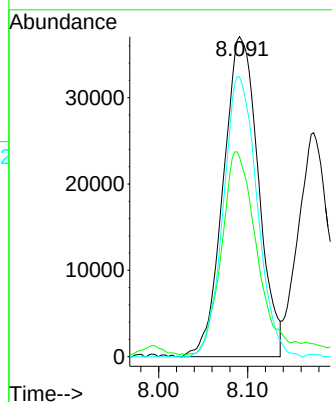
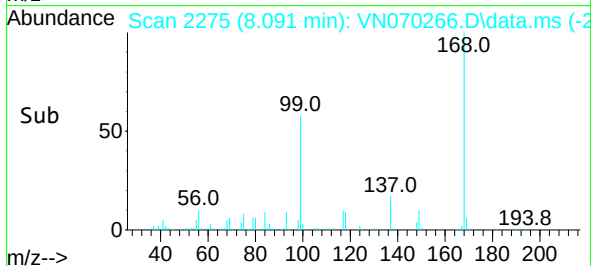


#31
Cyclohexane
Concen: 5.330 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

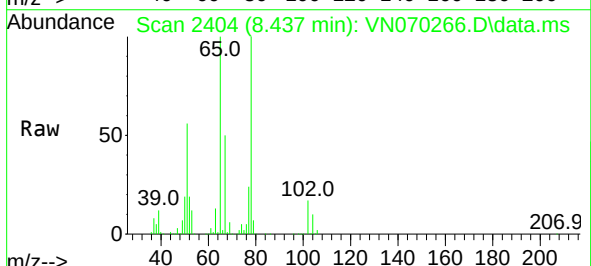
Instrument :
MSVOA_N
ClientSampleId :



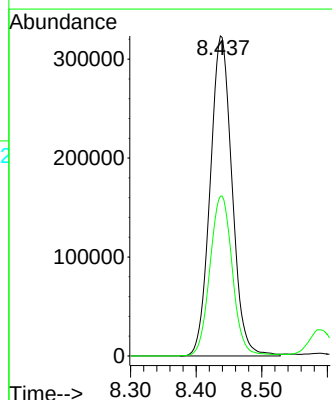
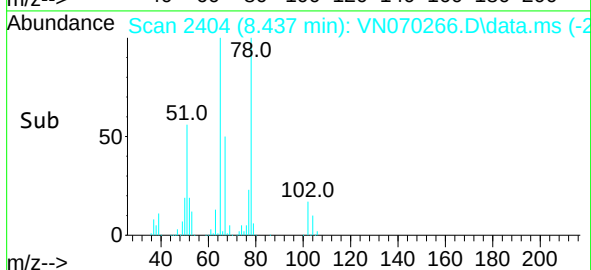
Tgt Ion: 56 Resp: 101523
Ion Ratio Lower Upper
56 100
69 61.7 27.1 40.7#
84 87.3 73.4 110.0

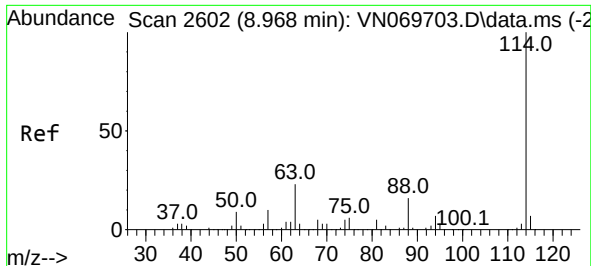


#33
1,2-Dichloroethane-d4
Concen: 54.711 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36



Tgt Ion: 65 Resp: 748781
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

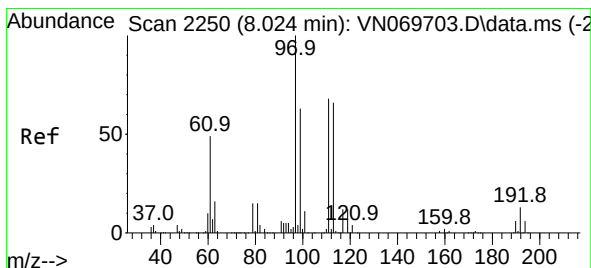
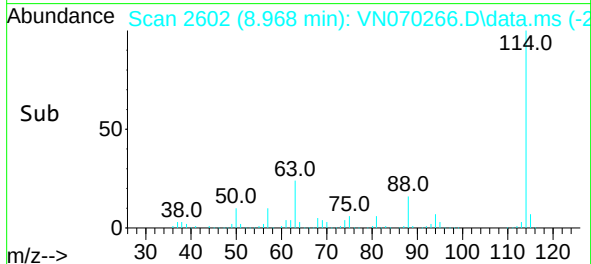
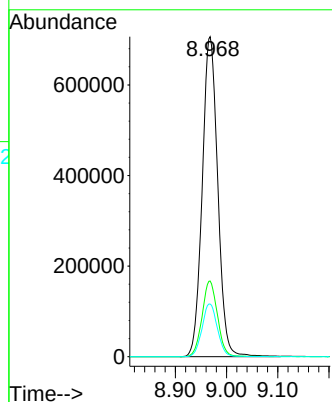
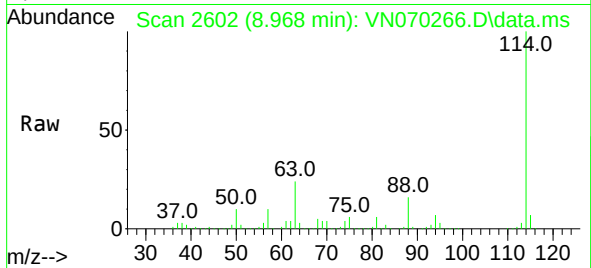




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

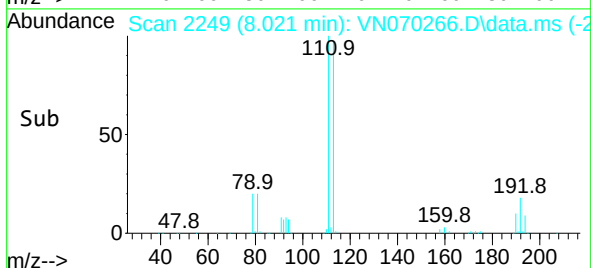
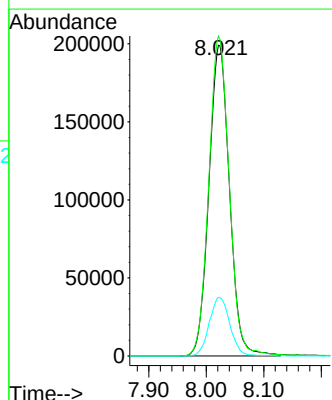
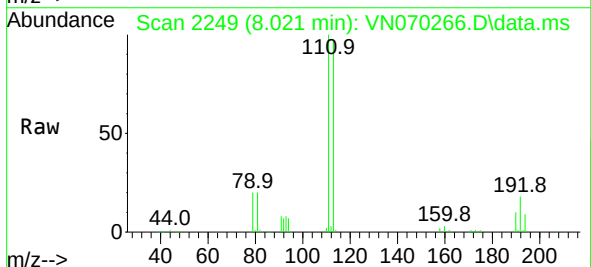
Instrument :
 MSVOA_N
 ClientSampleId :

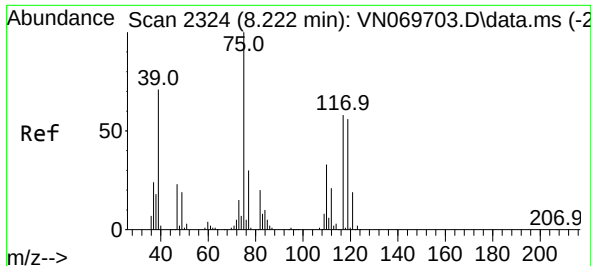
Tgt Ion:114 Resp: 1486552
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 37.8
 88 16.5 0.0 27.4



#35
 Dibromofluoromethane
 Concen: 53.125 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. -0.003 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

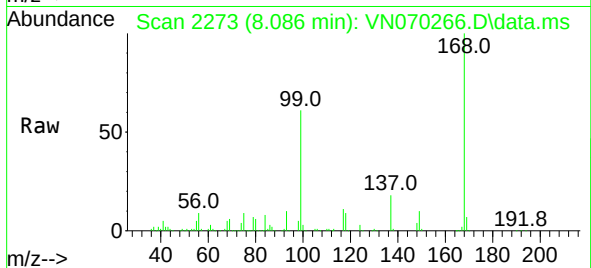
Tgt Ion:113 Resp: 494670
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 18.8 16.9 25.3



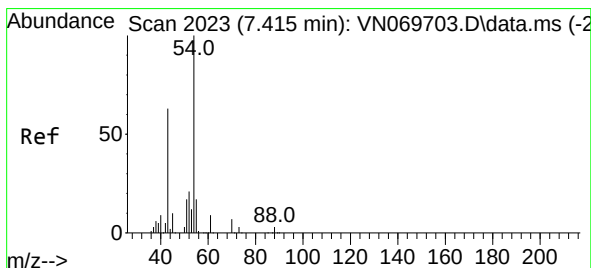
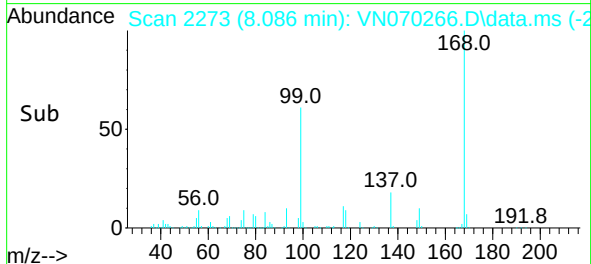
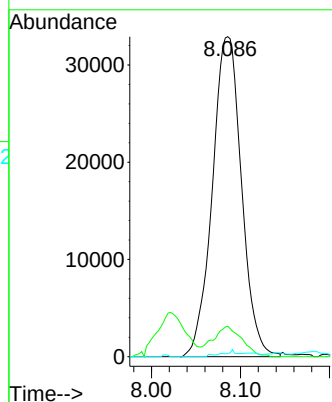


#36
1,1-Dichloropropene
Concen: 5.296 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Instrument :
MSVOA_N
ClientSampleId :

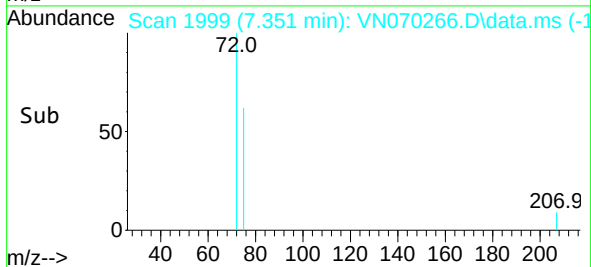
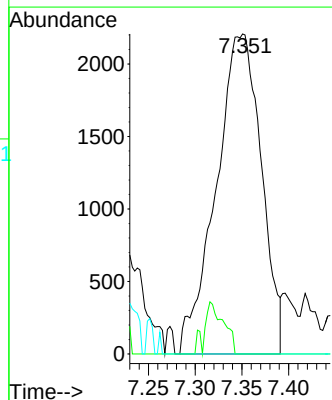
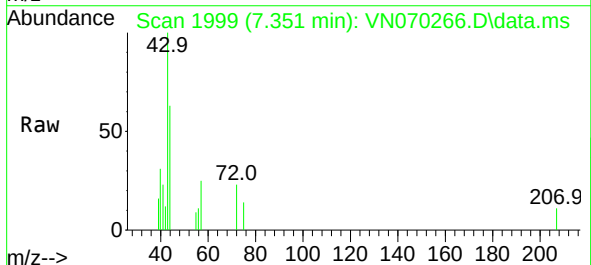


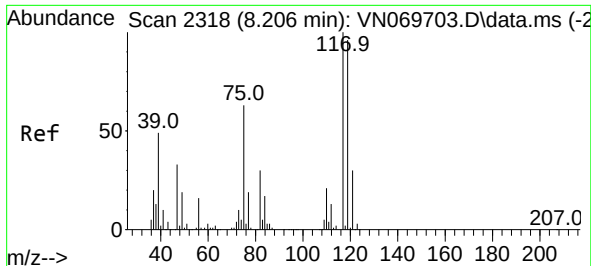
Tgt Ion: 75 Resp: 74942
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.353 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.064 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

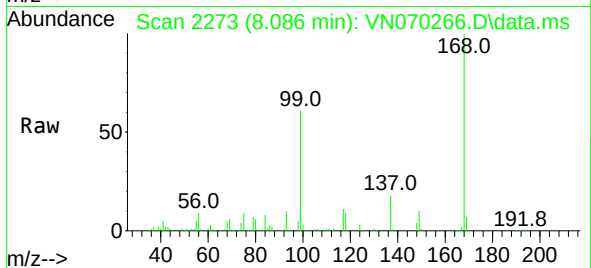
Tgt Ion: 43 Resp: 7437
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



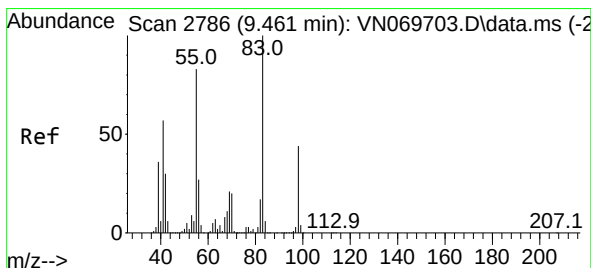
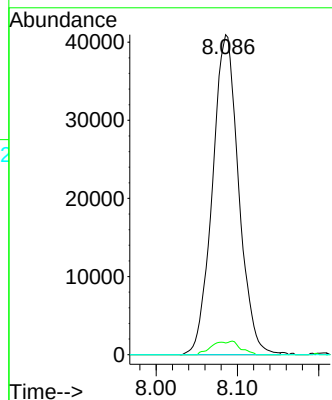
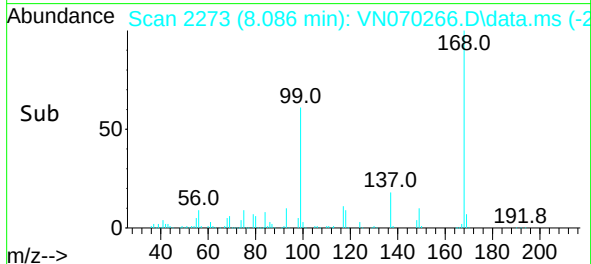


#38
Carbon Tetrachloride
Concen: 6.611 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.121 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Instrument :
MSVOA_N
ClientSampleId :

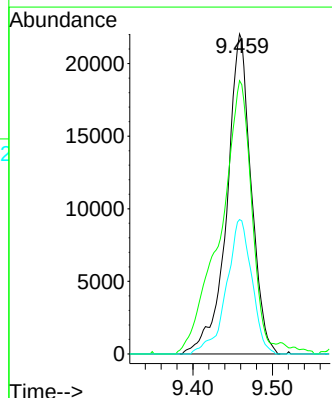
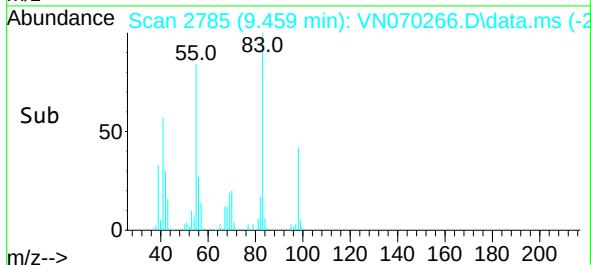
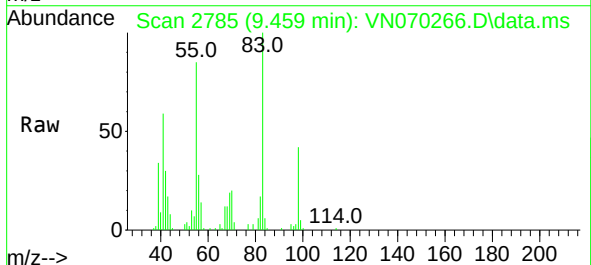


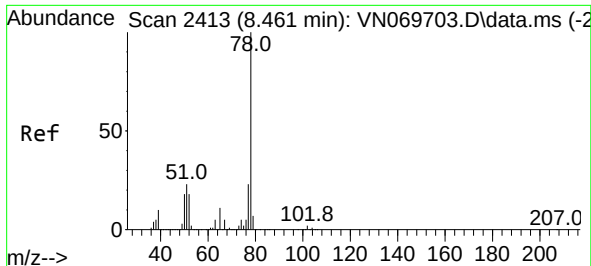
Tgt Ion:117 Resp: 91741
Ion Ratio Lower Upper
117 100
119 3.7 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 2.781 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion: 83 Resp: 46818
Ion Ratio Lower Upper
83 100
55 84.2 58.1 87.1
98 42.0 38.4 57.6

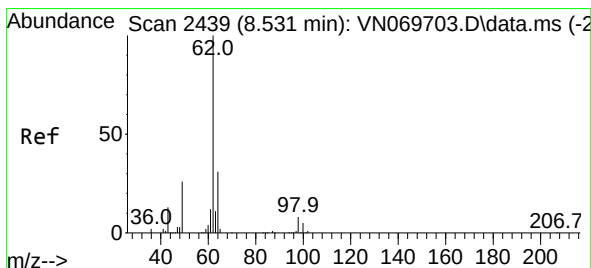
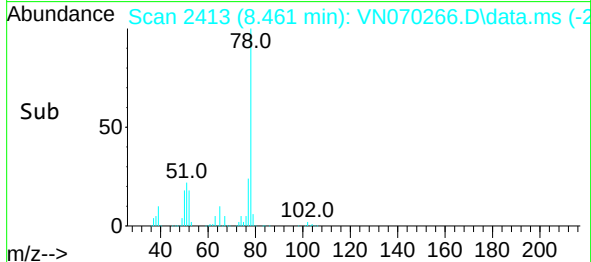
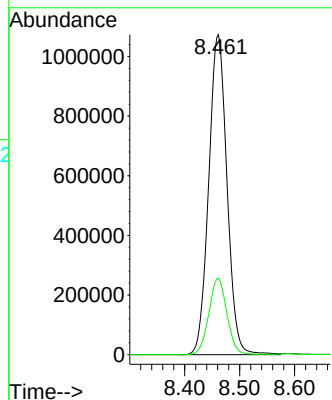
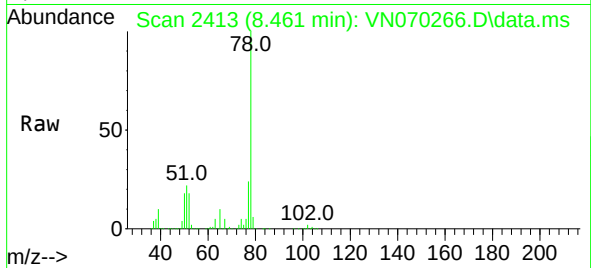




#40
Benzene
Concen: 57.360 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

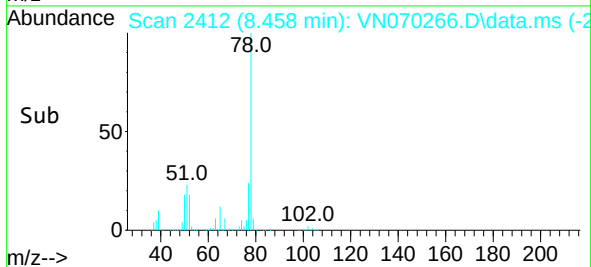
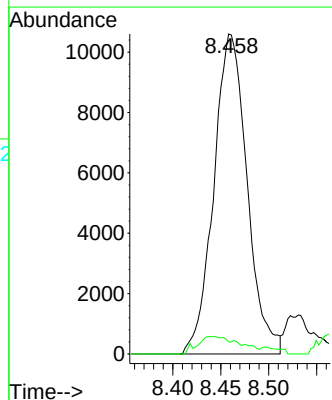
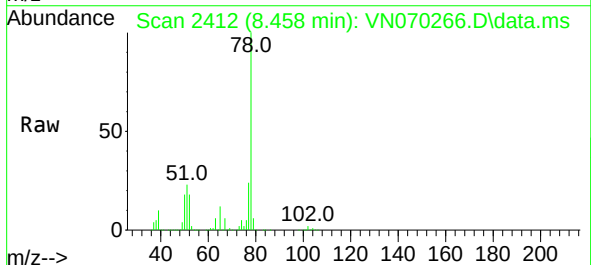
Instrument :
MSVOA_N
ClientSampleId :

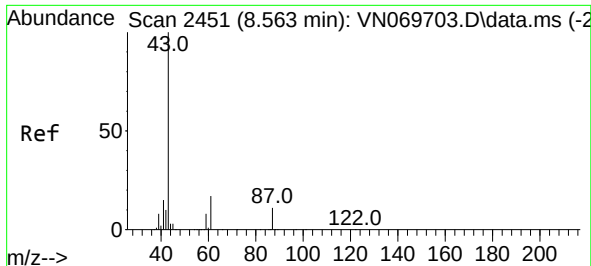
Tgt Ion: 78 Resp: 2481149
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8



#42
1,2-Dichloroethane
Concen: 1.466 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.072 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion: 62 Resp: 25606
Ion Ratio Lower Upper
62 100
98 2.9 0.0 17.6

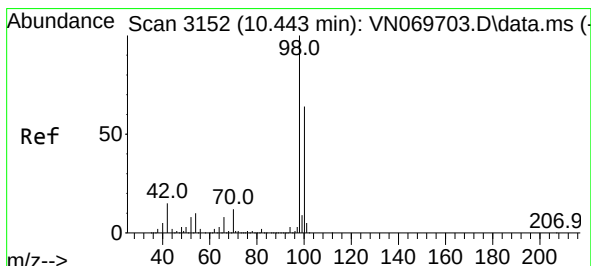
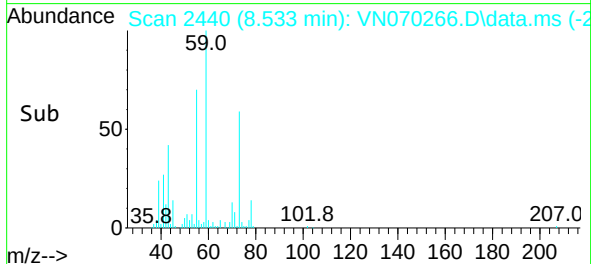
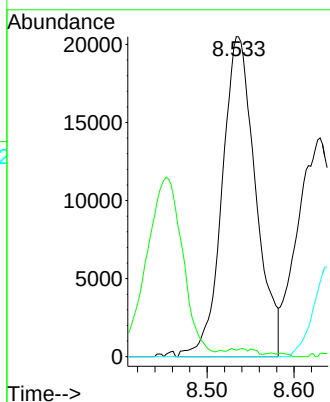
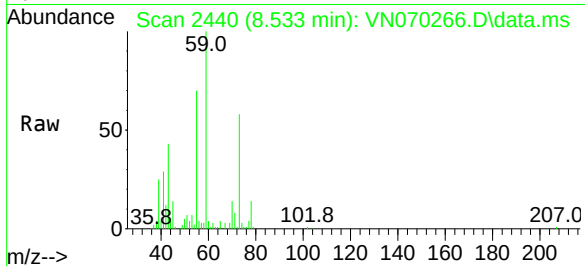




#43
Isopropyl Acetate
Concen: 1.756 ug/l
RT: 8.533 min Scan# 2451
Delta R.T. -0.029 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

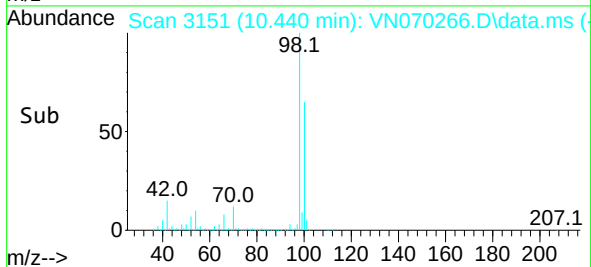
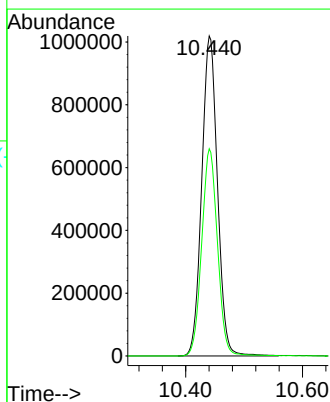
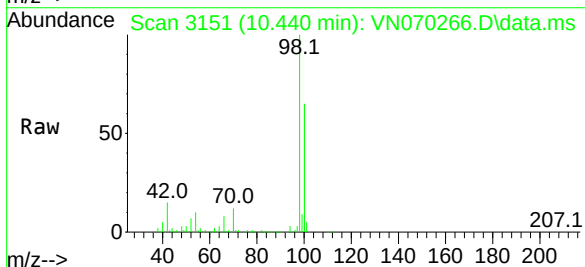
Instrument :
MSVOA_N
ClientSampleId :

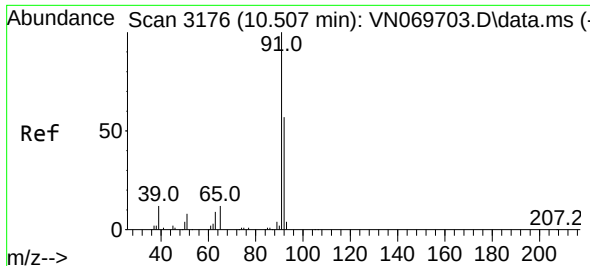
Tgt Ion: 43 Resp: 54743
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 51.076 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion: 98 Resp: 1909639
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6

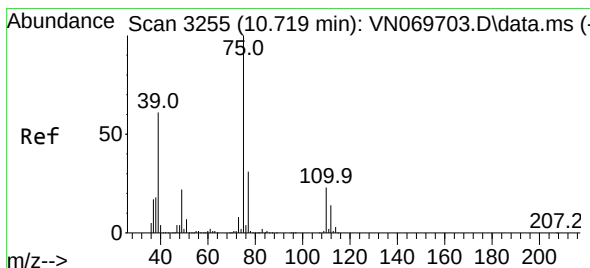
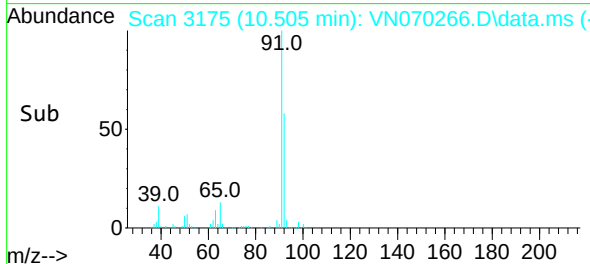
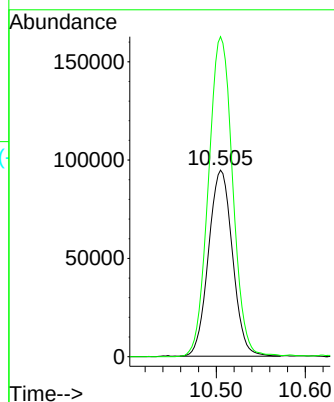
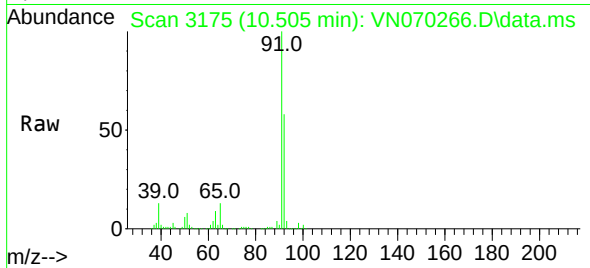




#52
Toluene
Concen: 6.703 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

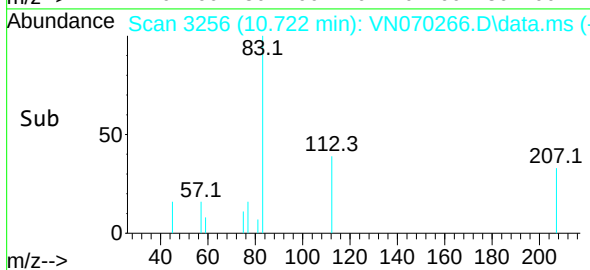
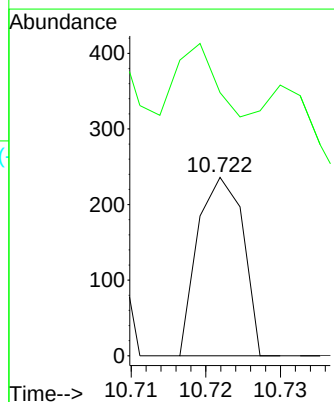
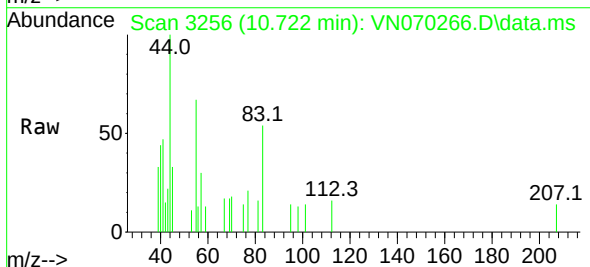
Instrument :
MSVOA_N
ClientSampleId :

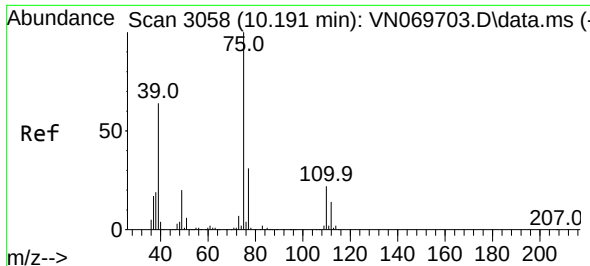
Tgt Ion: 92 Resp: 177026
Ion Ratio Lower Upper
92 100
91 174.4 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.800 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

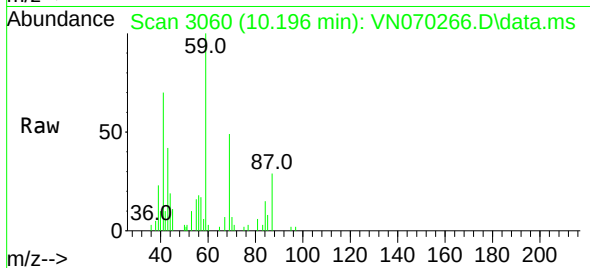
Tgt Ion: 75 Resp: 99
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



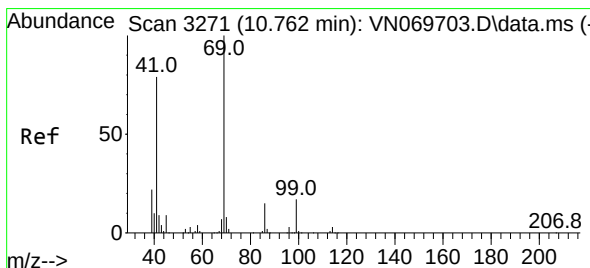
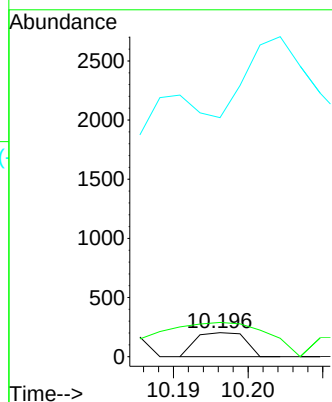
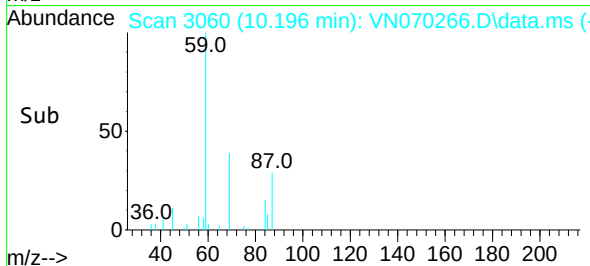


#54
 cis-1,3-Dichloropropene
 Concen: 2.004 ug/l
 RT: 10.196 min Scan# 3058
 Delta R.T. 0.005 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

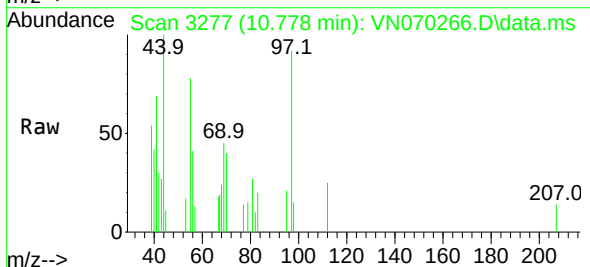
Instrument :
 MSVOA_N
 ClientSampleId :



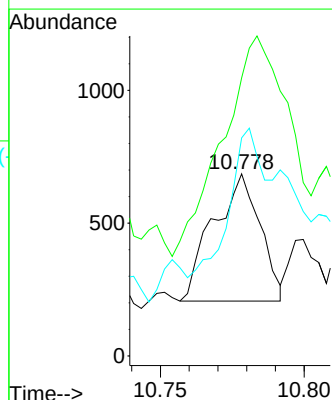
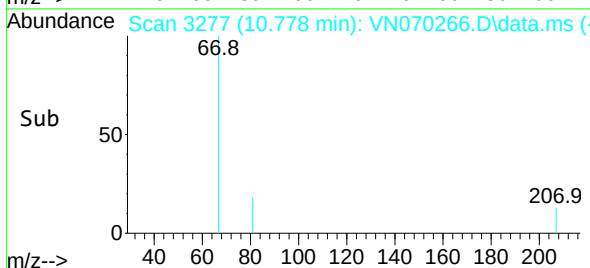
Tgt Ion: 75 Resp: 94
 Ion Ratio Lower Upper
 75 100
 77 65.5 26.4 39.6#
 39 0.0 42.5 63.7#

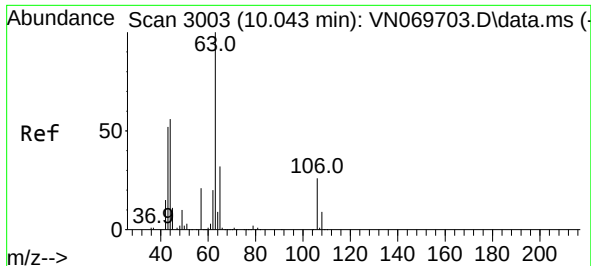


#56
 Ethyl methacrylate
 Concen: 2.305 ug/l
 RT: 10.778 min Scan# 3277
 Delta R.T. 0.016 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36



Tgt Ion: 69 Resp: 544
 Ion Ratio Lower Upper
 69 100
 41 244.9 51.4 77.0#
 39 0.0 34.6 52.0#

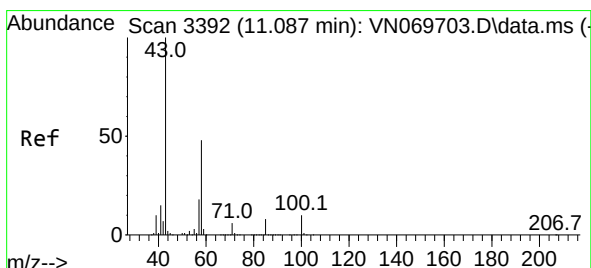
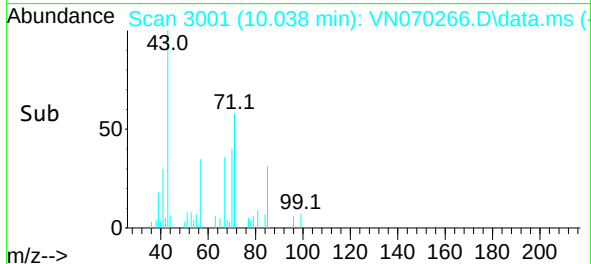
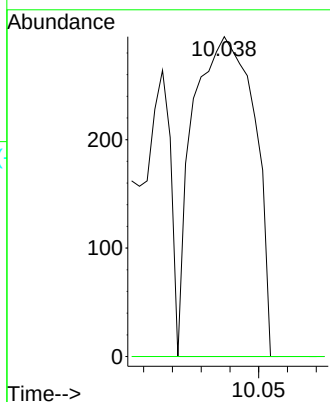
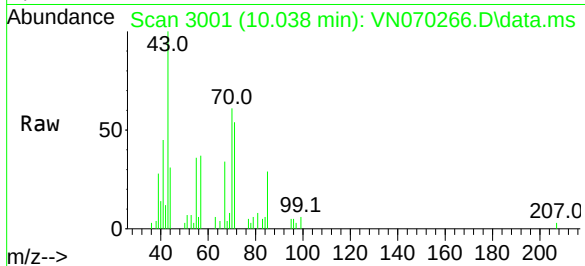




#58
2-Chloroethyl Vinyl ether
Concen: 18.463 ug/l
RT: 10.038 min Scan# 3003
Delta R.T. -0.005 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

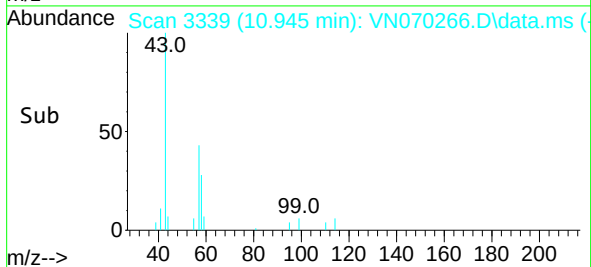
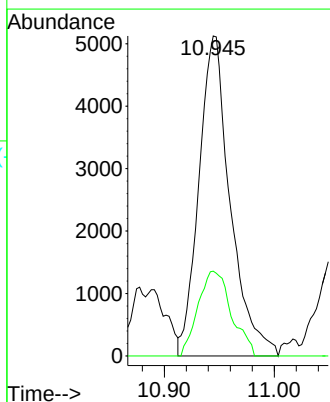
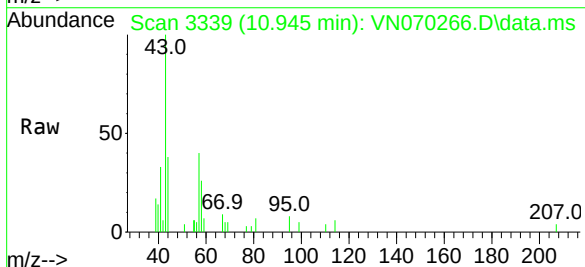
Instrument :
MSVOA_N
ClientSampleId :

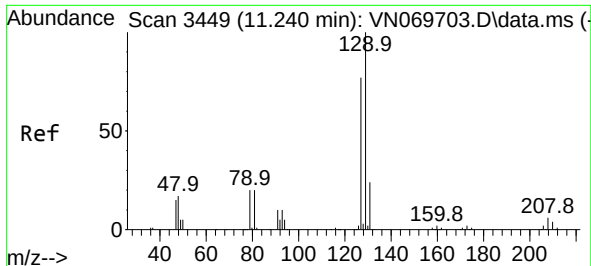
Tgt Ion: 63 Resp: 437
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.663 ug/l
RT: 10.945 min Scan# 3339
Delta R.T. -0.143 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion: 43 Resp: 10146
Ion Ratio Lower Upper
43 100
58 28.2 26.9 80.7

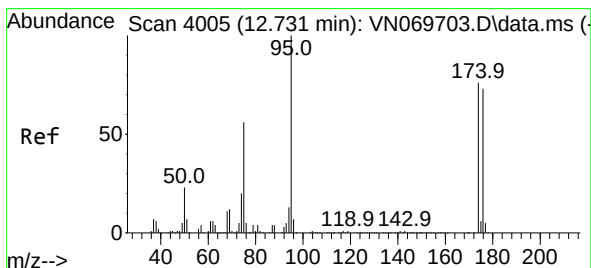
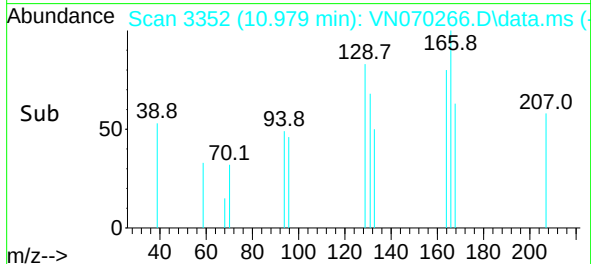
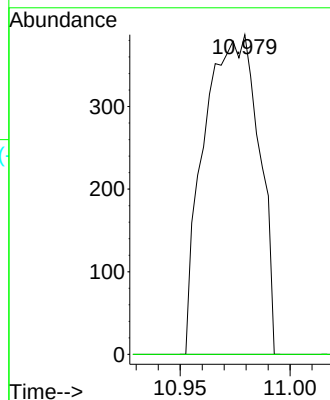
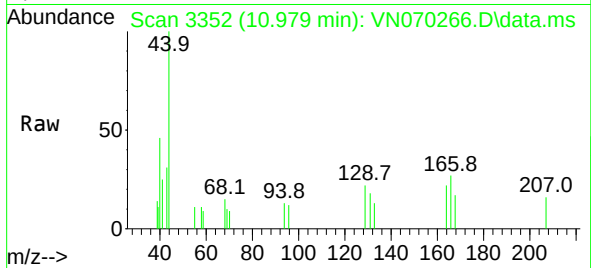




#60
Dibromochloromethane
Concen: 2.432 ug/l
RT: 10.979 min Scan# 31
Delta R.T. -0.261 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

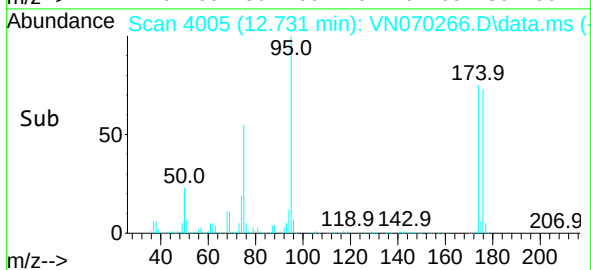
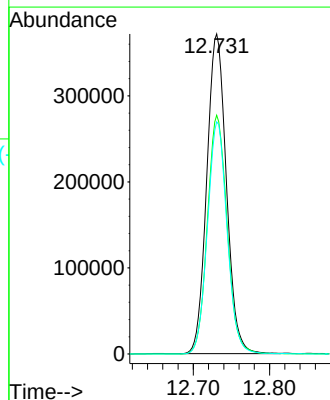
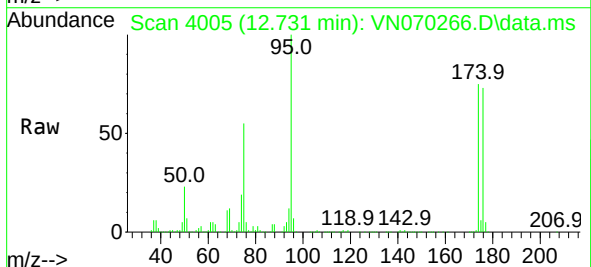
Instrument :
MSVOA_N
ClientSampleId :

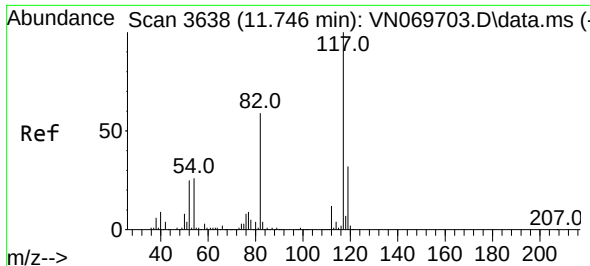
Tgt Ion:129 Resp: 669
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 48.927 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

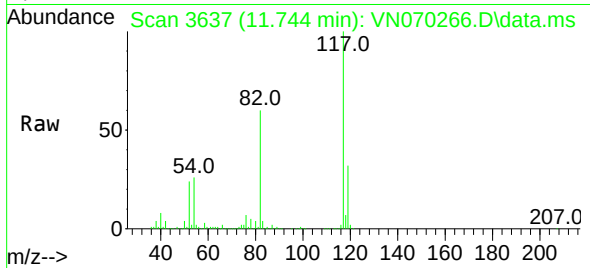
Tgt Ion: 95 Resp: 662723
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.7 0.0 181.4



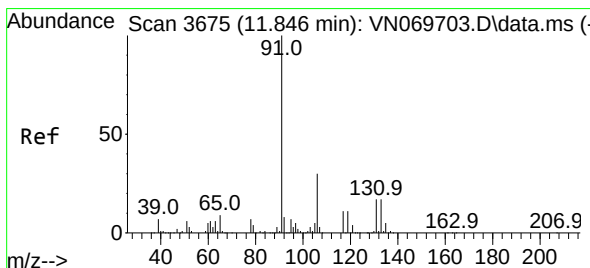
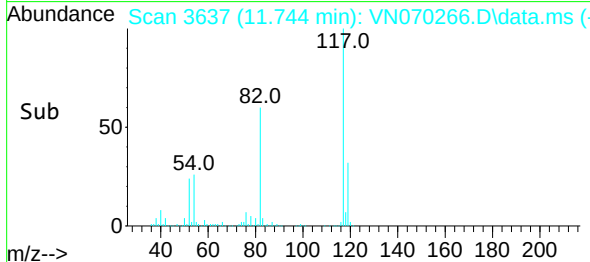
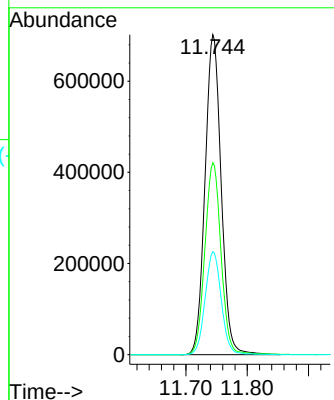


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Instrument :
MSVOA_N
ClientSampleId :

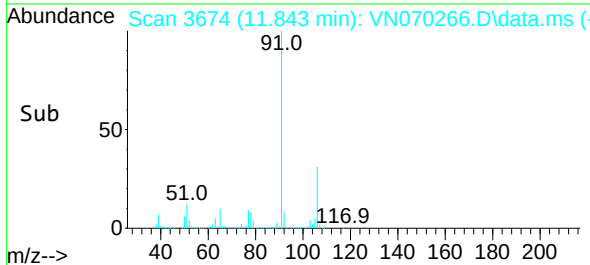
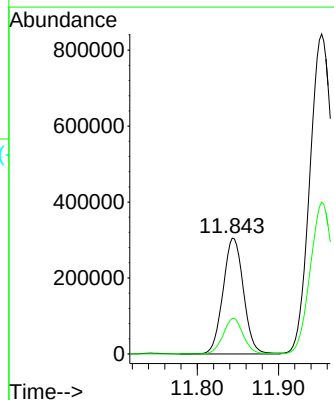
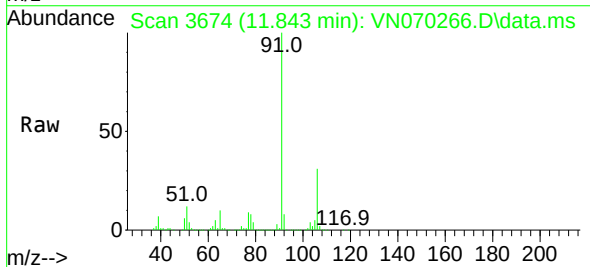


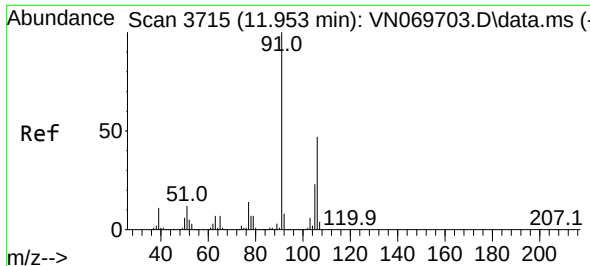
Tgt Ion:117 Resp: 1283941
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 11.290 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion: 91 Resp: 534160
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

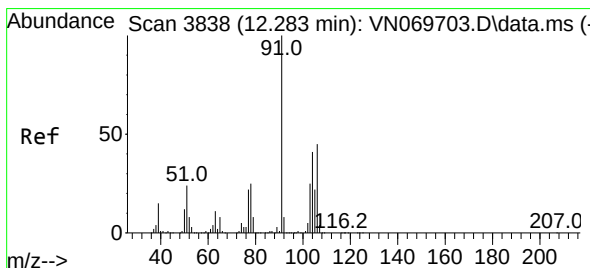
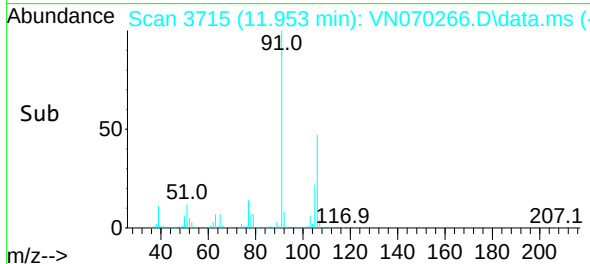
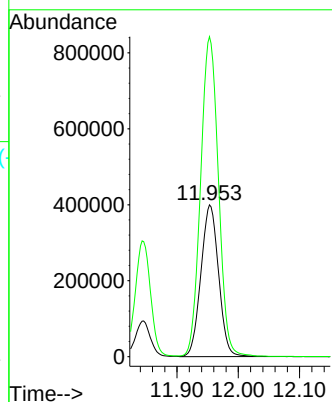
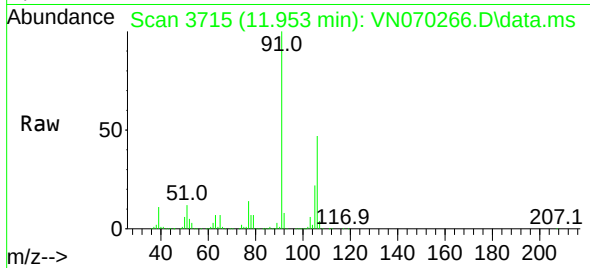




#68
m/p-Xylenes
Concen: 46.417 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

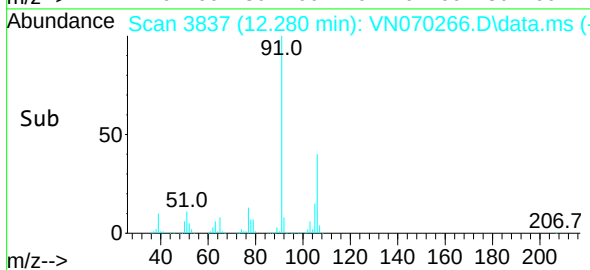
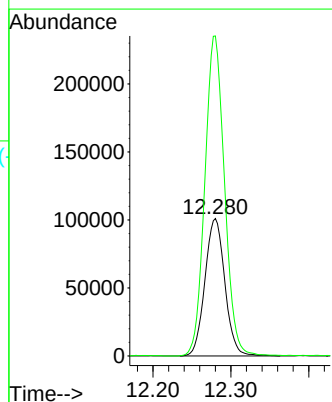
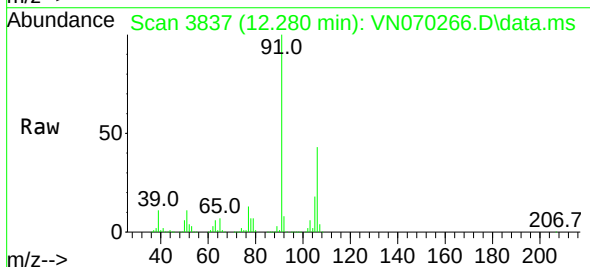
Instrument :
MSVOA_N
ClientSampleId :

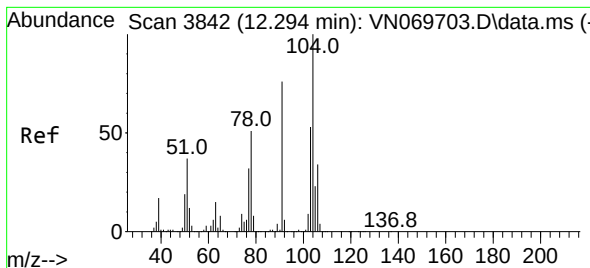
Tgt Ion:106 Resp: 799658
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8



#69
o-Xylene
Concen: 10.372 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion:106 Resp: 179990
Ion Ratio Lower Upper
106 100
91 230.4 105.8 317.3





#70

Styrene

Concen: 0.372 ug/l

RT: 12.277 min Scan# 3

Delta R.T. -0.017 min MSVOA_N

Lab File: VN070266.D

Acq: 21 Dec 2021 14:36

Instrument :

MSVOA_N

ClientSampleId :

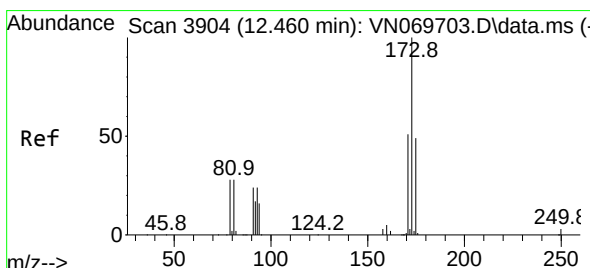
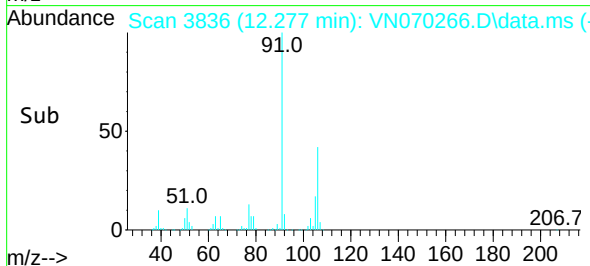
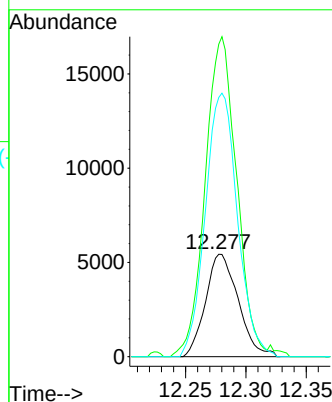
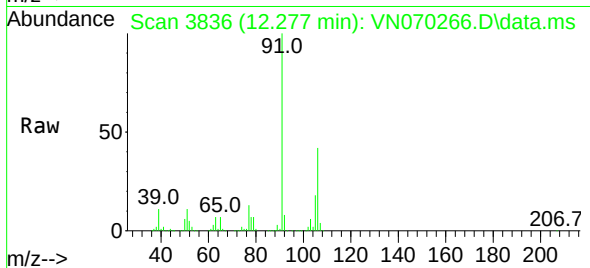
Tgt Ion:104 Resp: 10225

Ion Ratio Lower Upper

104 100

78 300.5 38.7 58.1#

103 253.6 45.0 67.6#



#71

Bromoform

Concen: 2.887 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. 0.271 min

Lab File: VN070266.D

Acq: 21 Dec 2021 14:36

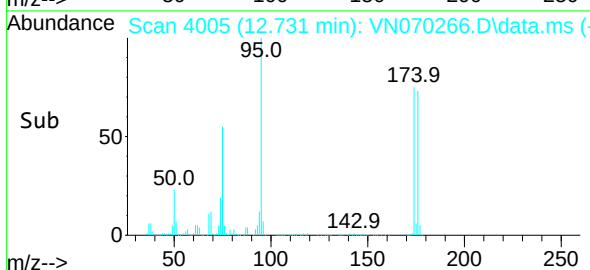
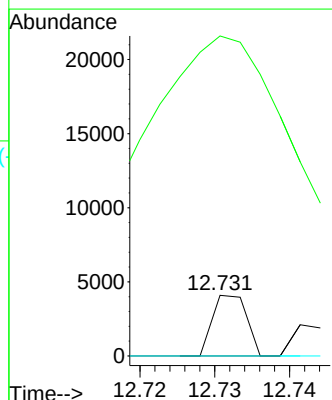
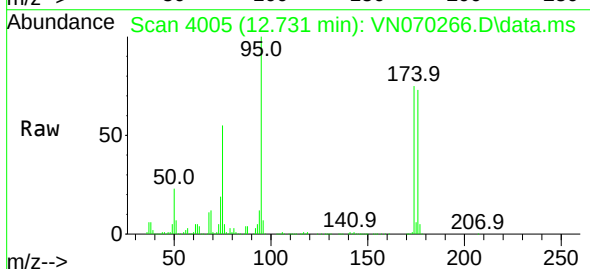
Tgt Ion:173 Resp: 1296

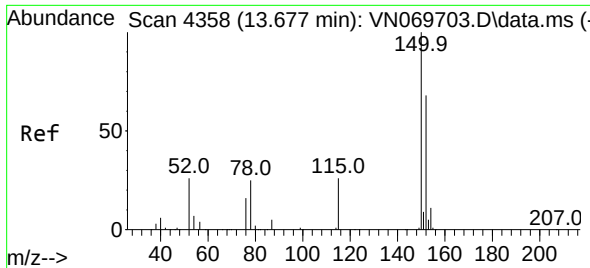
Ion Ratio Lower Upper

173 100

175 2742.7 24.2 72.6#

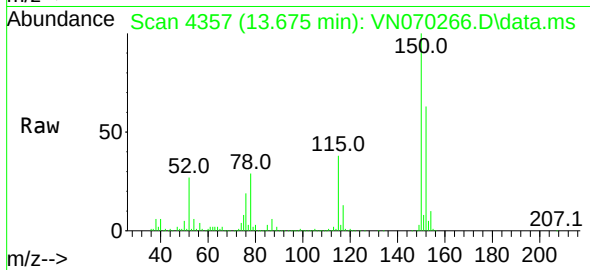
254 0.0 0.0 0.0



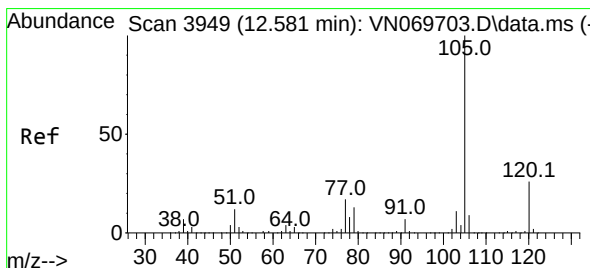
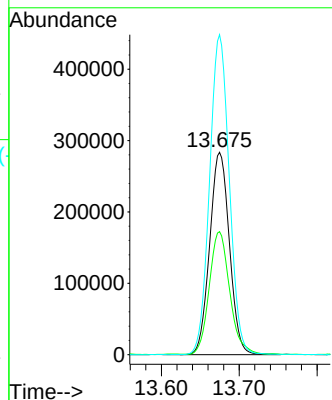
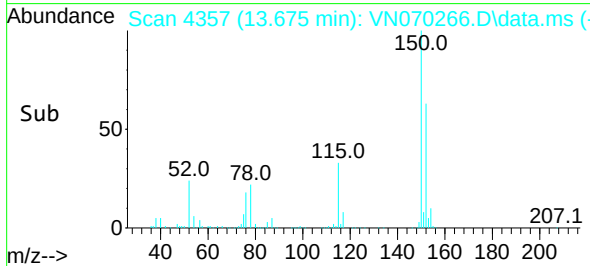


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

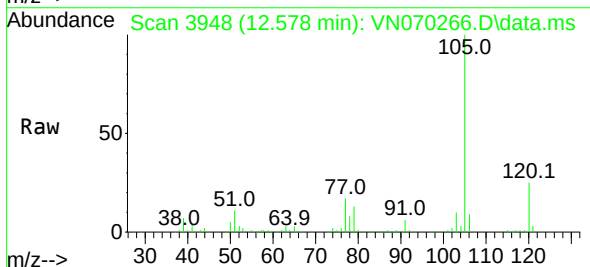
Instrument :
 MSVOA_N
 ClientSampleId :



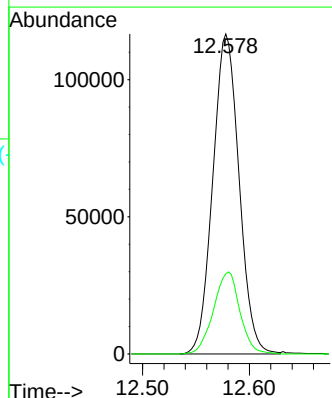
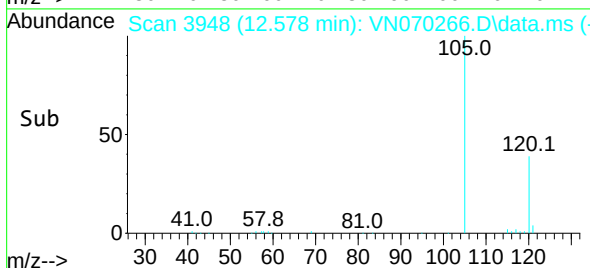
Tgt Ion:152 Resp: 500316
 Ion Ratio Lower Upper
 152 100
 115 62.5 27.5 82.5
 150 157.1 0.0 344.4

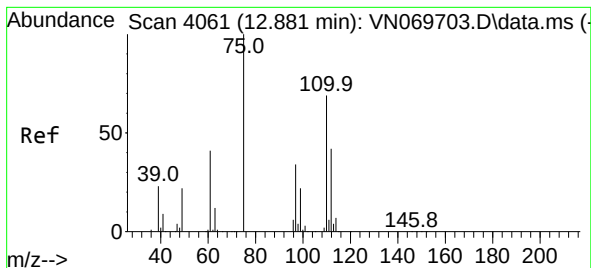


#73
 Isopropylbenzene
 Concen: 4.472 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. -0.003 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36



Tgt Ion:105 Resp: 199046
 Ion Ratio Lower Upper
 105 100
 120 25.8 13.4 40.1

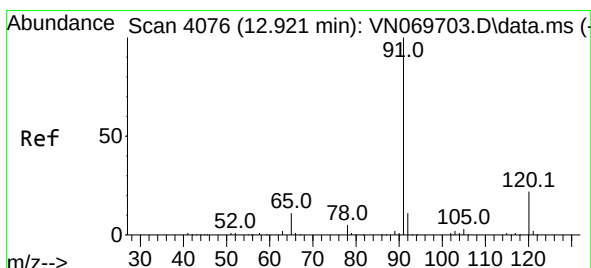
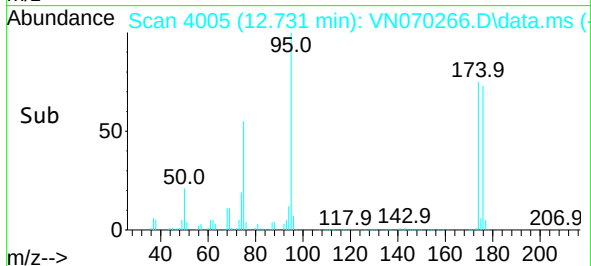
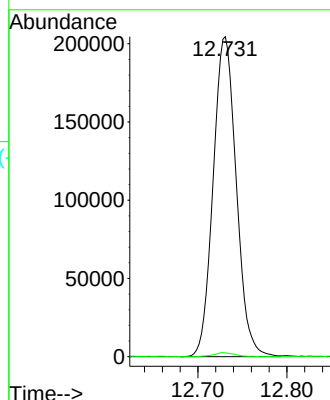
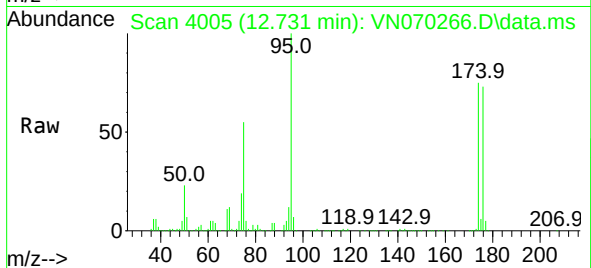




#76
1,2,3-Trichloropropane
Concen: 25.730 ug/l
RT: 12.731 min Scan# 4061
Delta R.T. -0.150 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

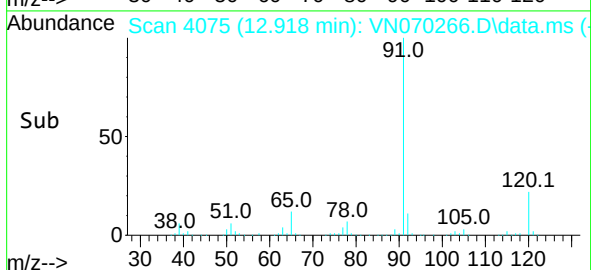
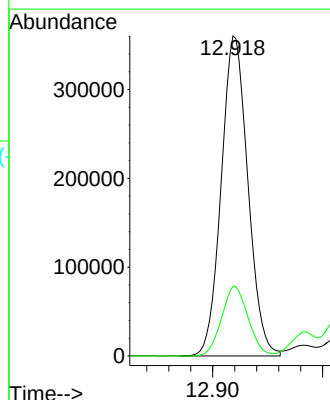
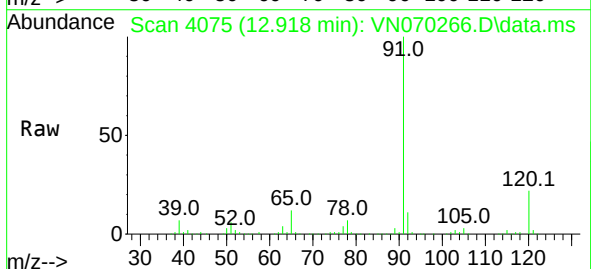
Instrument :
MSVOA_N
ClientSampleId :

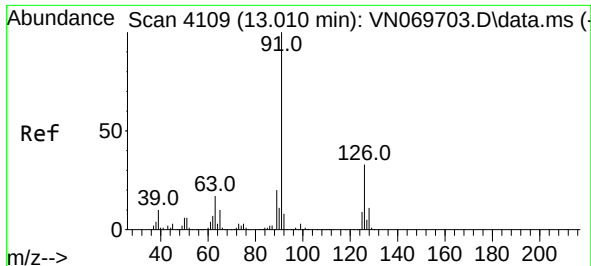
Tgt Ion: 75 Resp: 369178
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#78
n-propylbenzene
Concen: 12.258 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Tgt Ion: 91 Resp: 607177
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

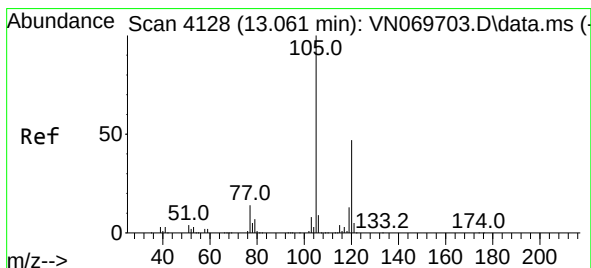
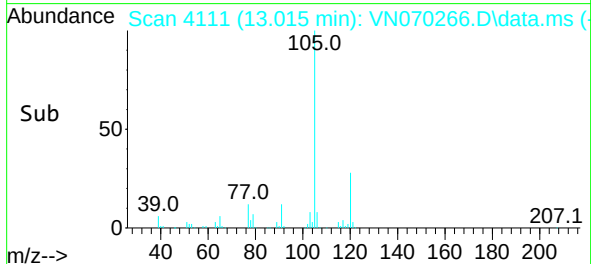
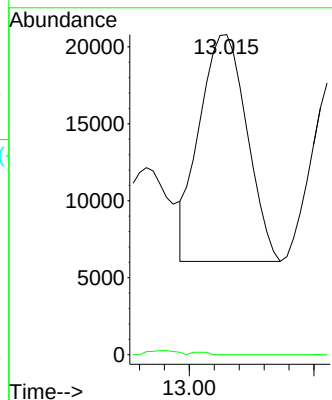
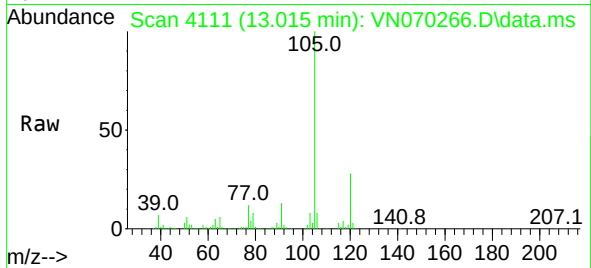




#79
2-Chlorotoluene
Concen: 0.621 ug/l
RT: 13.015 min Scan# 4109
Delta R.T. 0.005 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

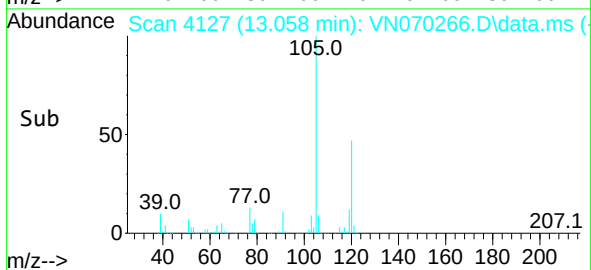
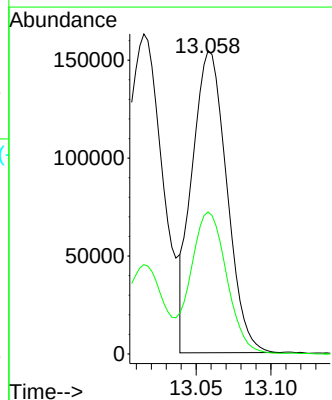
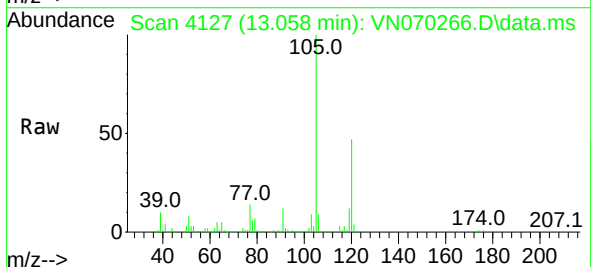
Instrument :
MSVOA_N
ClientSampleId :

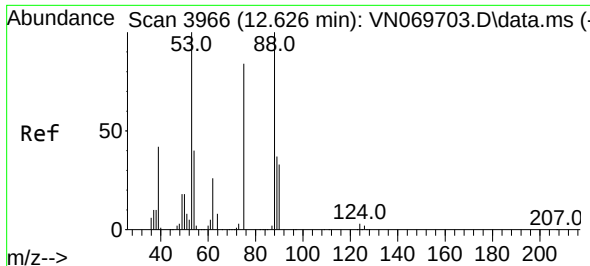
Tgt Ion: 91 Resp: 19442
Ion Ratio Lower Upper
91 100
126 0.4 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 6.907 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

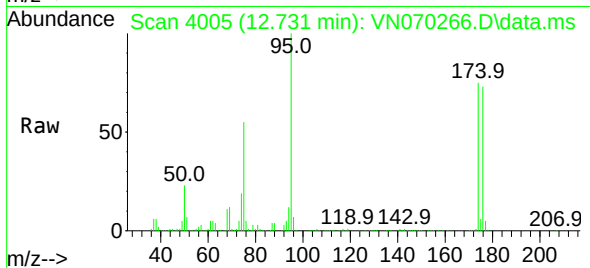
Tgt Ion: 105 Resp: 247466
Ion Ratio Lower Upper
105 100
120 48.5 24.6 73.6



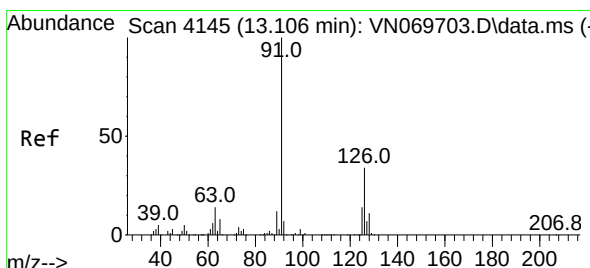
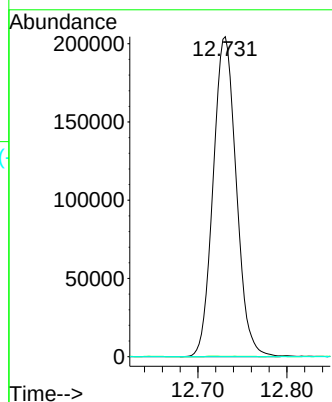
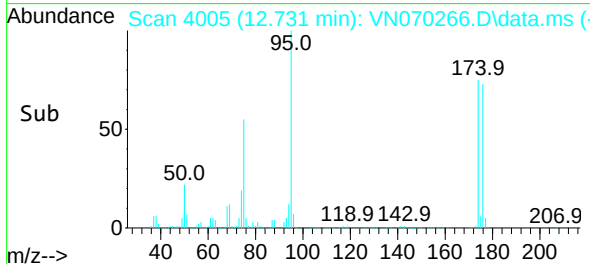


#81
trans-1,4-Dichloro-2-butene
Concen: 81.434 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

Instrument :
MSVOA_N
ClientSampleId :

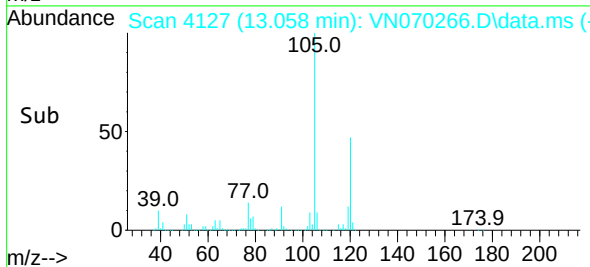
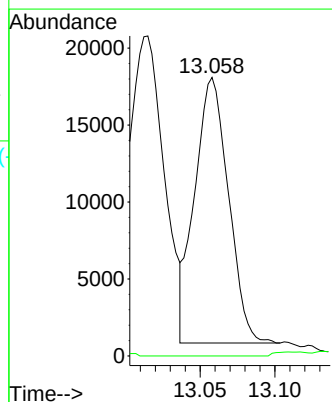
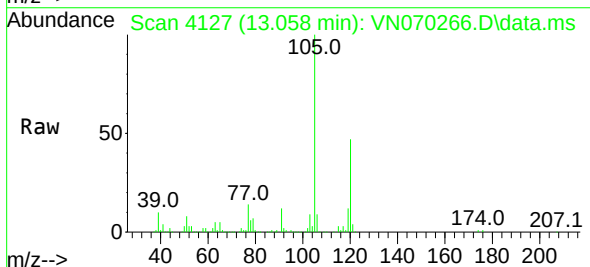


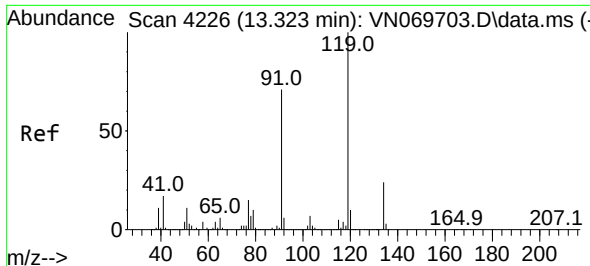
Tgt Ion: 75 Resp: 369178
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.920 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

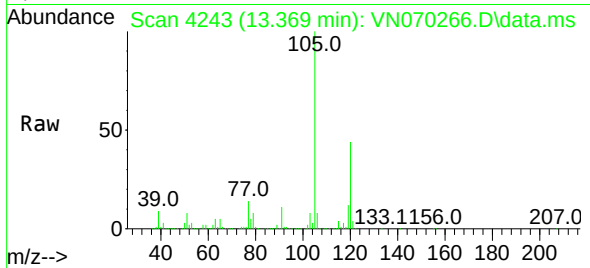
Tgt Ion: 91 Resp: 27090
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



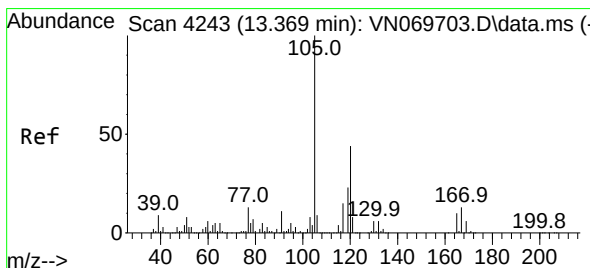
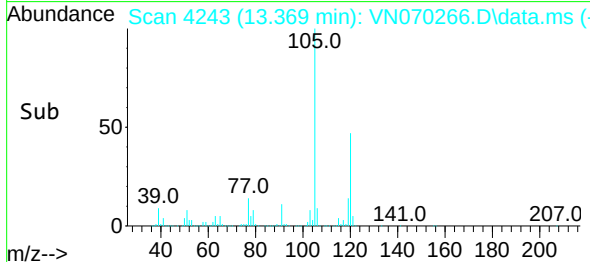
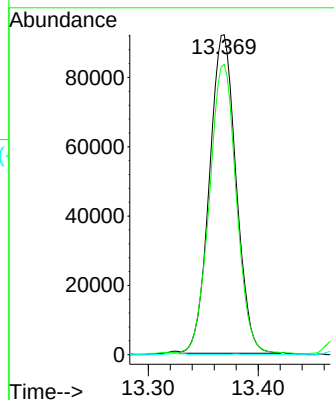


#83
 tert-Butylbenzene
 Concen: 4.886 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. 0.046 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

Instrument :
 MSVOA_N
 ClientSampleId :

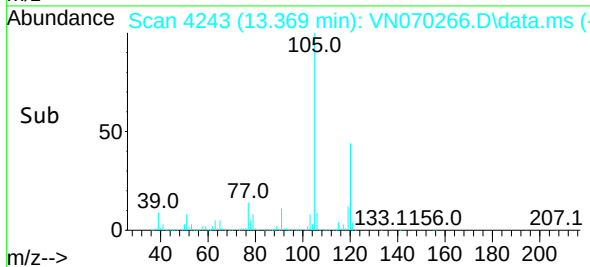
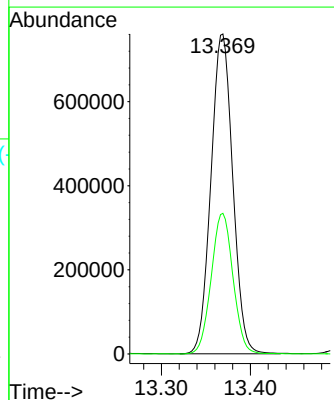
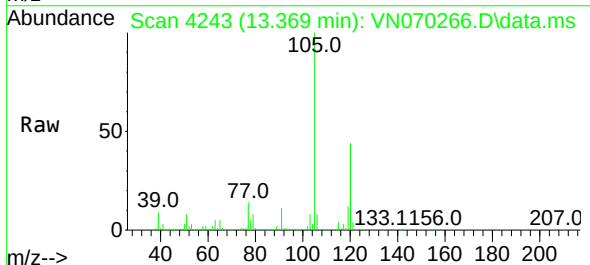


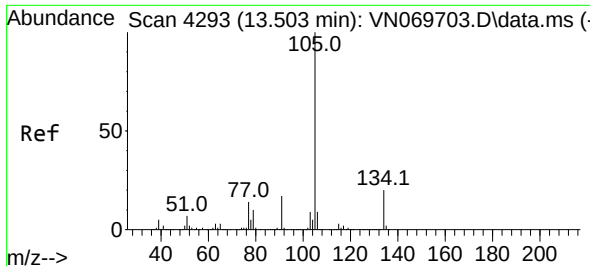
Tgt Ion:119 Resp: 155000
 Ion Ratio Lower Upper
 119 100
 91 92.3 31.5 94.5
 134 0.0 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 37.918 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

Tgt Ion:105 Resp: 1293809
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.8 68.4

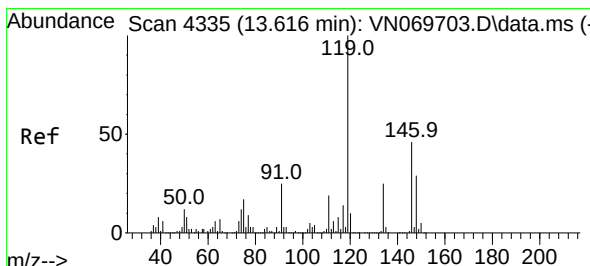
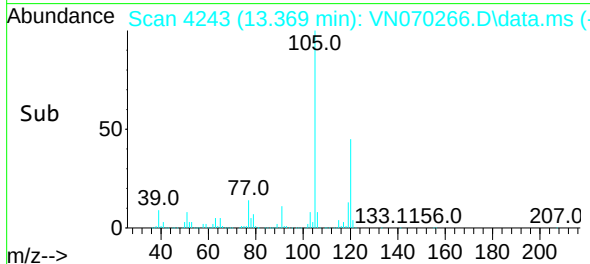
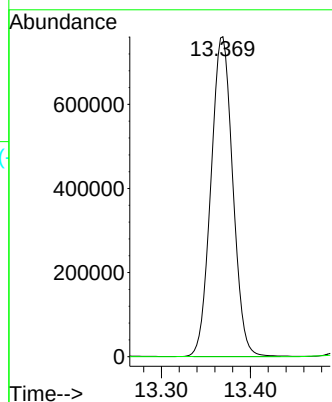
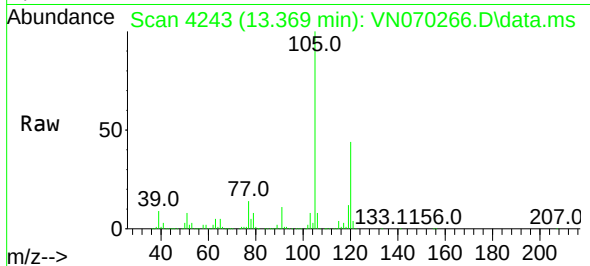




#85
 sec-Butylbenzene
 Concen: 30.066 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. -0.134 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

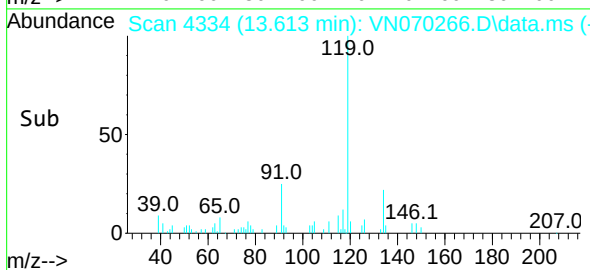
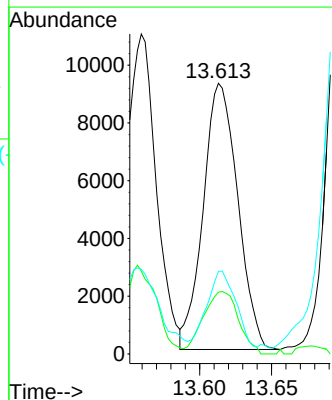
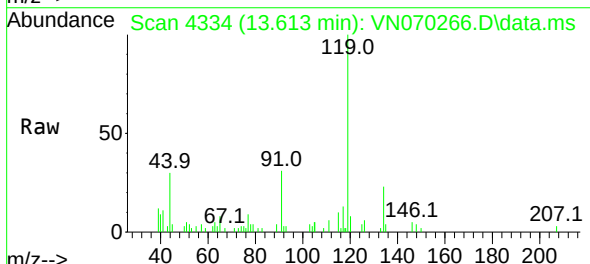
Instrument :
 MSVOA_N
 ClientSampleId :

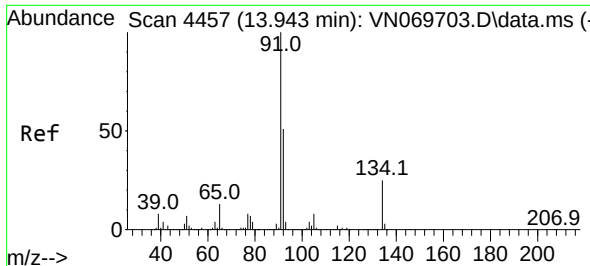
Tgt Ion:105 Resp: 1293809
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.458 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

Tgt Ion:119 Resp: 15389
 Ion Ratio Lower Upper
 119 100
 134 23.9 13.6 40.7
 91 0.0 11.4 34.1#

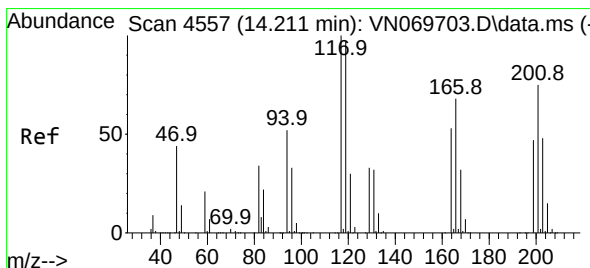
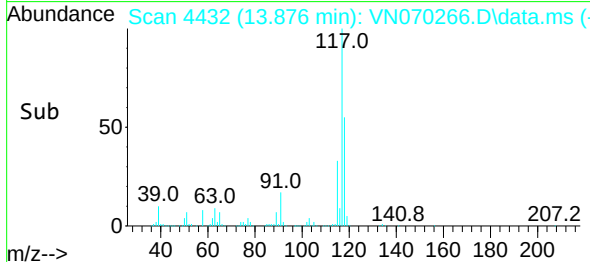
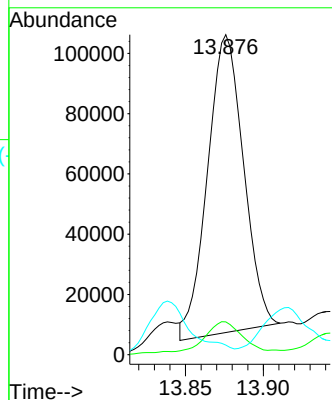
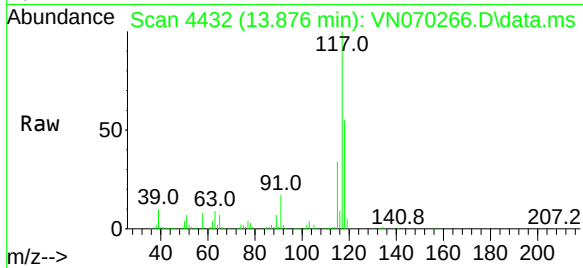




#89
n-Butylbenzene
Concen: 5.836 ug/l
RT: 13.876 min Scan# 4457
Delta R.T. -0.067 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

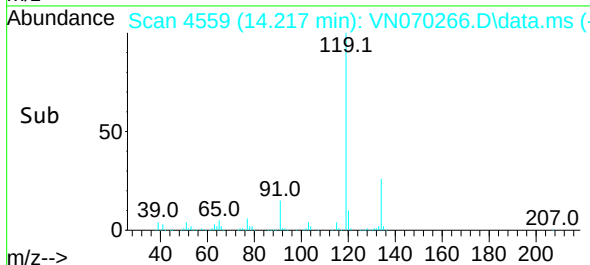
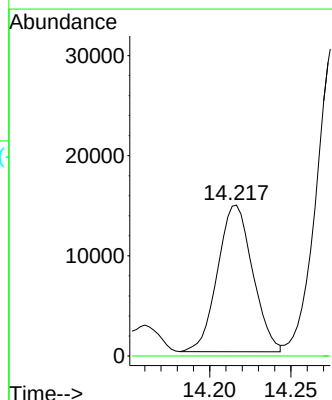
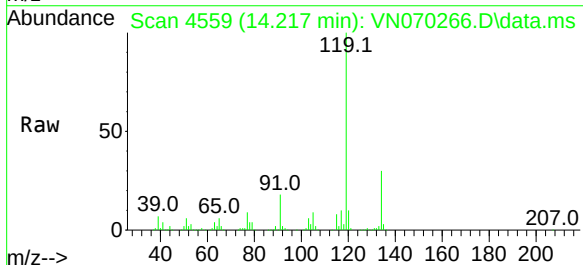
Instrument :
MSVOA_N
ClientSampleId :

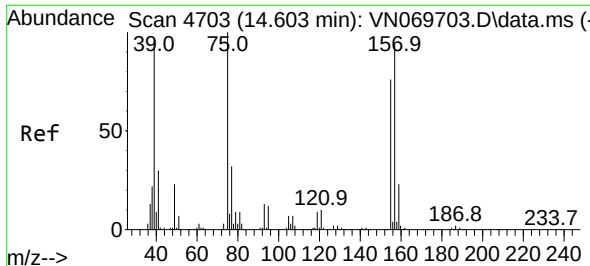
Tgt Ion: 91 Resp: 159245
Ion Ratio Lower Upper
91 100
92 12.8 25.4 76.0#
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 3.727 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.005 min
Lab File: VN070266.D
Acq: 21 Dec 2021 14:36

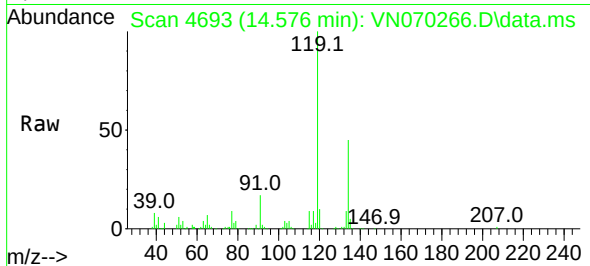
Tgt Ion: 117 Resp: 22009
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



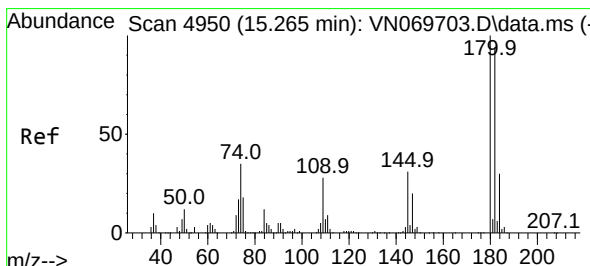
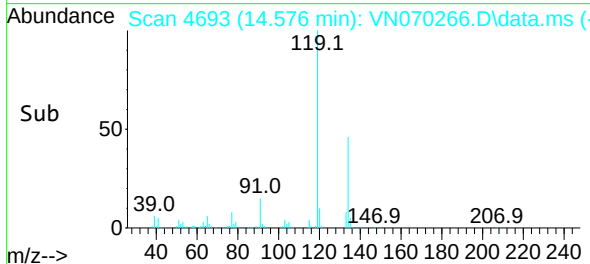
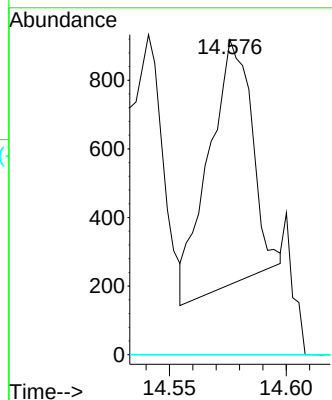


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.329 ug/l
 RT: 14.576 min Scan# 41
 Delta R.T. -0.027 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

Instrument :
 MSVOA_N
 ClientSampleId :

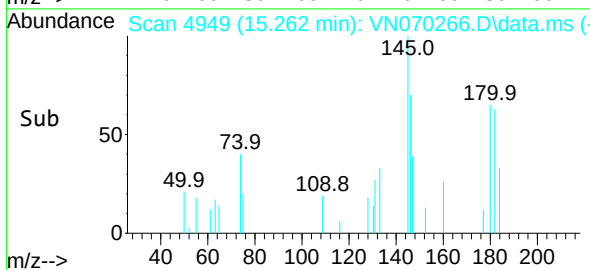
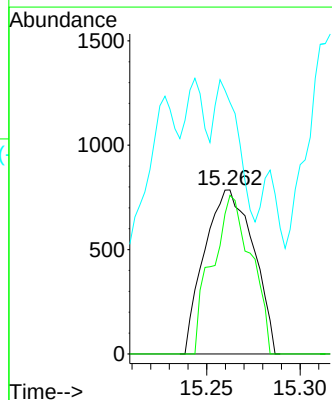
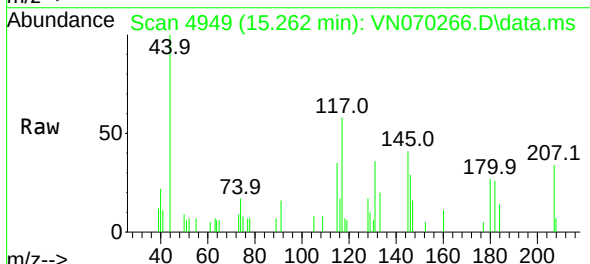


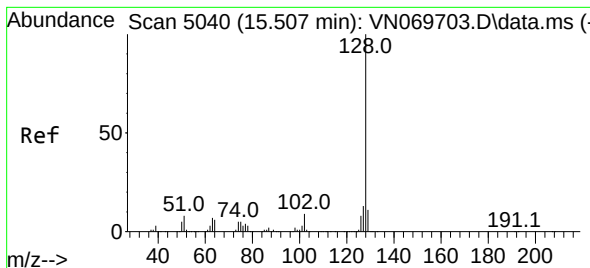
Tgt Ion: 75 Resp: 916
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.042 ug/l
 RT: 15.262 min Scan# 4949
 Delta R.T. -0.003 min
 Lab File: VN070266.D
 Acq: 21 Dec 2021 14:36

Tgt Ion: 180 Resp: 1431
 Ion Ratio Lower Upper
 180 100
 182 77.0 48.3 144.9
 145 40.4 14.5 43.5





#95

Naphthalene

Concen: 21.371 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

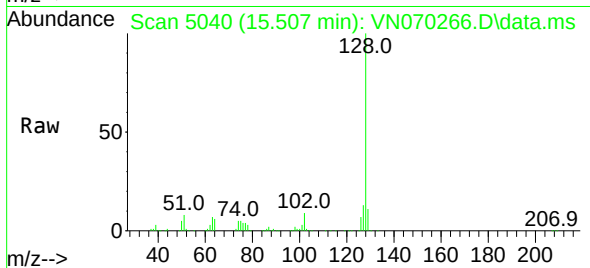
Lab File: VN070266.D

Acq: 21 Dec 2021 14:36

Instrument :

MSVOA_N

ClientSampleId :



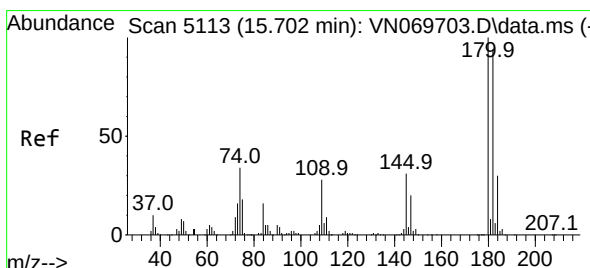
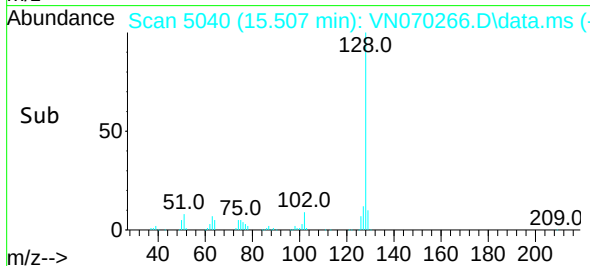
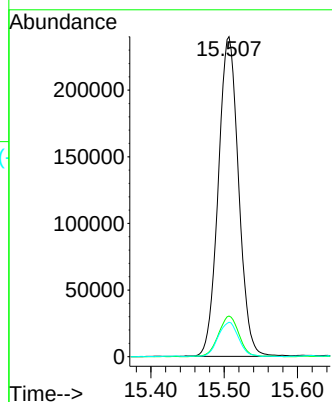
Tgt Ion:128 Resp: 461908

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.606 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.002 min

Lab File: VN070266.D

Acq: 21 Dec 2021 14:36

Tgt Ion:180 Resp: 1429

Ion Ratio Lower Upper

180 100

182 40.8 47.4 142.2#

145 87.9 15.0 45.1#

