

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070200.D
 Acq On : 18 Dec 2021 7:31
 Operator : JC/MD
 Sample : M5115-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 07:25:27 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

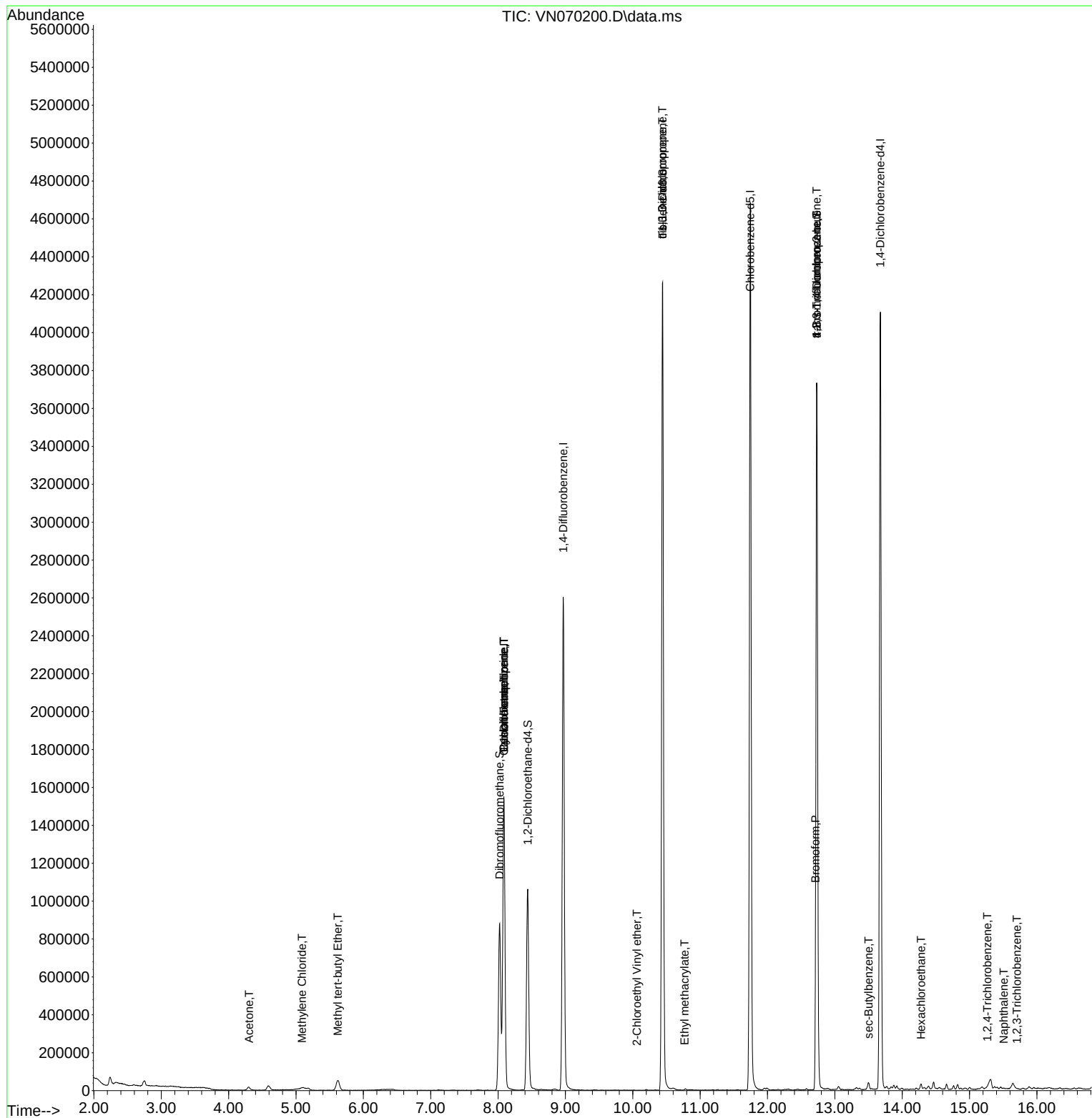
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1149871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2204528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2620390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1089505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	916016	51.595	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.180%
35) Dibromofluoromethane	8.024	113	641697	46.471	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.940%
50) Toluene-d8	10.443	98	2936630	52.963	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.920%
62) 4-Bromofluorobenzene	12.731	95	1317342	65.582	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	131.160%
Target Compounds						Qvalue
16) Acetone	4.301	43	29013	2.717	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	79140	1.858	ug/l	97
20) Methylene Chloride	5.090	84	2841	0.200	ug/l #	80
31) Cyclohexane	8.086	56	28999	1.174	ug/l #	29
36) 1,1-Dichloropropene	8.086	75	99861	4.758	ug/l #	48
38) Carbon Tetrachloride	8.088	117	117722	5.720	ug/l #	16
53) t-1,3-Dichloropropene	10.440	75	923	2.828	ug/l #	1
54) cis-1,3-Dichloropropene	10.440	75	1020	2.035	ug/l #	1
56) Ethyl methacrylate	10.770	69	242	2.287	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.062	63	49	18.395	ug/l #	45
71) Bromoform	12.712	173	641	2.769	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	719206	23.019	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	719206	73.279	ug/l #	5
85) sec-Butylbenzene	13.501	105	24281	0.259	ug/l	97
90) Hexachloroethane	14.278	117	12237	0.952	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.265	180	180	2.887	ug/l #	1
95) Naphthalene	15.507	128	5008	4.072	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.702	180	49	2.438	ug/l #	1

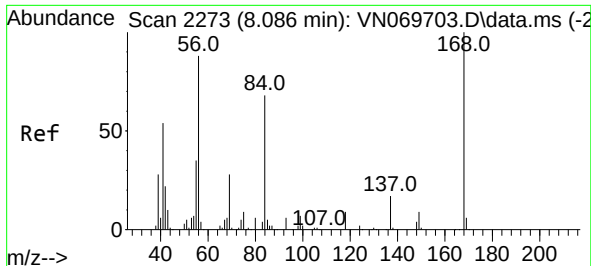
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070200.D
Acq On : 18 Dec 2021 7:31
Operator : JC/MD
Sample : M5115-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

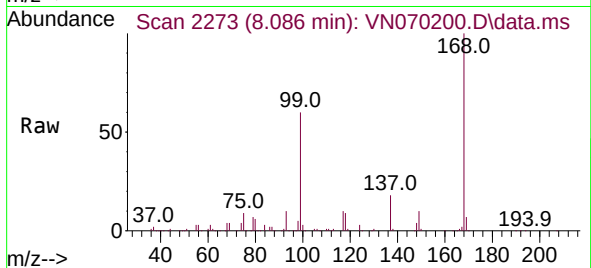
Quant Time: Dec 19 07:25:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



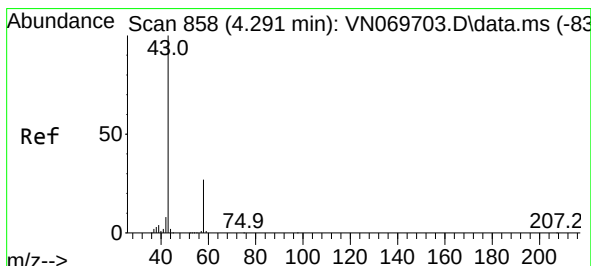
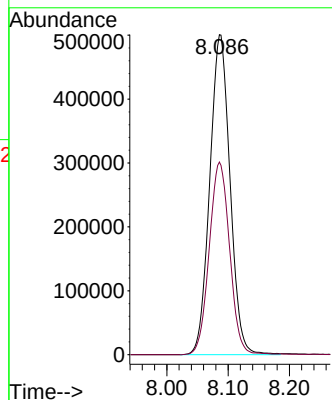
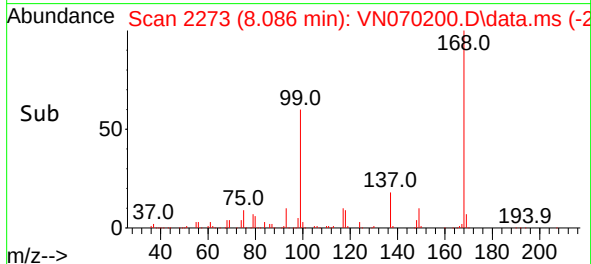


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Instrument :
MSVOA_N
ClientSampleId :

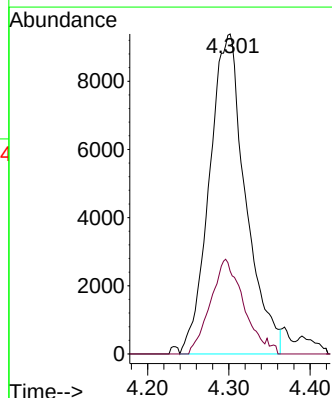
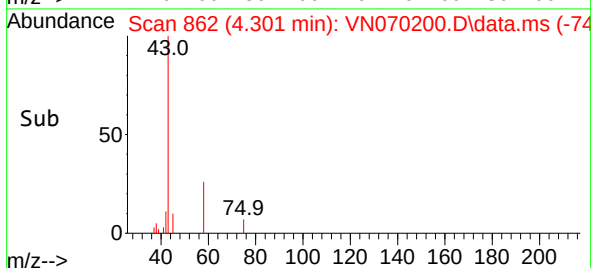
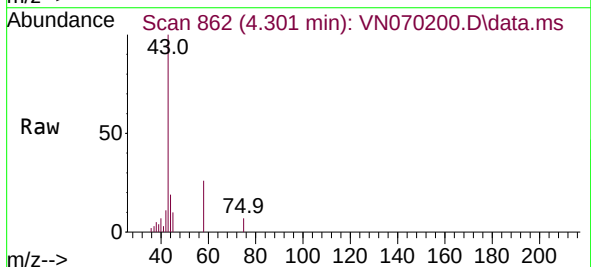


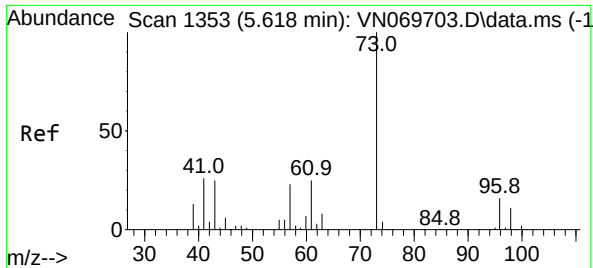
Tgt Ion:168 Resp: 1149871
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#16
Acetone
Concen: 2.717 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Tgt Ion: 43 Resp: 29013
Ion Ratio Lower Upper
43 100
58 25.9 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 1.858 ug/l

RT: 5.621 min Scan# 1135

Delta R.T. 0.003 min

Lab File: VN070200.D

Acq: 18 Dec 2021 7:31

Instrument :

MSVOA_N

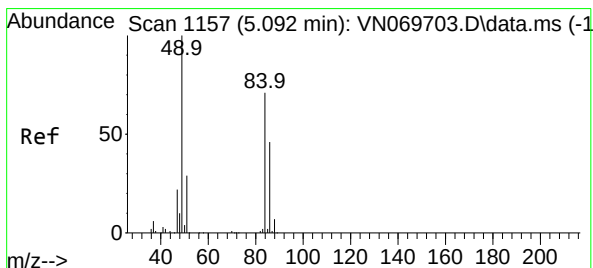
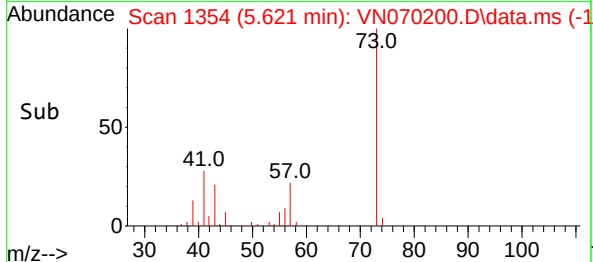
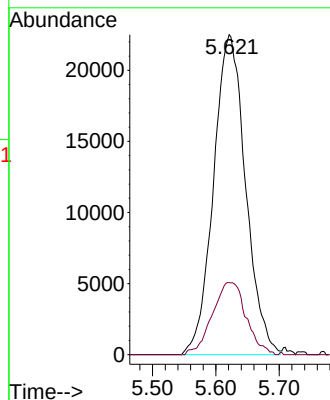
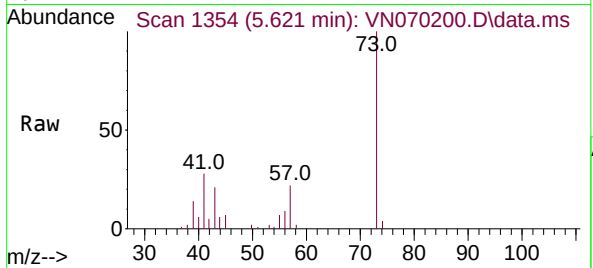
ClientSampleId :

Tgt Ion: 73 Resp: 79140

Ion Ratio Lower Upper

73 100

57 22.5 16.8 25.2



#20

Methylene Chloride

Concen: 0.200 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.003 min

Lab File: VN070200.D

Acq: 18 Dec 2021 7:31

Tgt Ion: 84 Resp: 2841

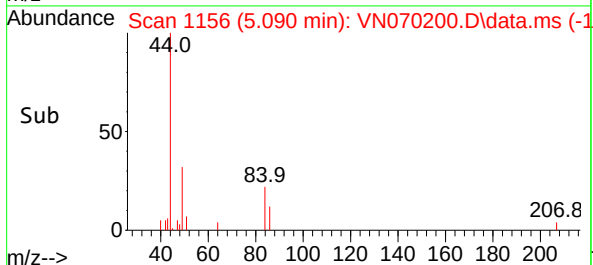
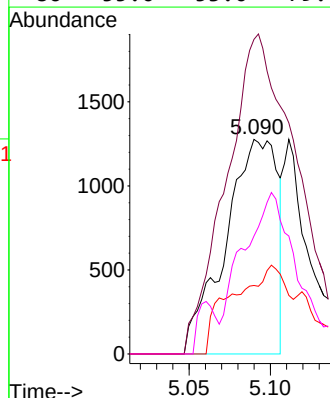
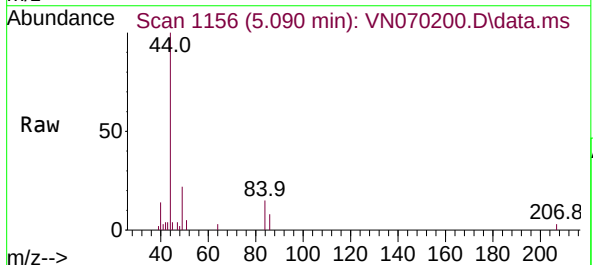
Ion Ratio Lower Upper

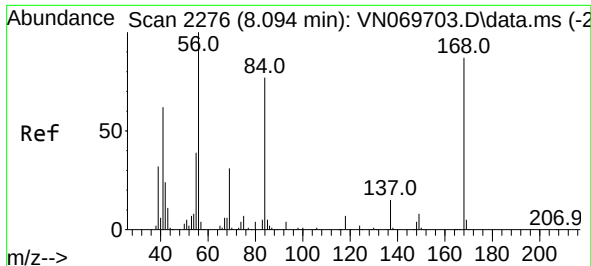
84 100

49 146.6 93.5 140.3#

51 31.9 29.4 44.2

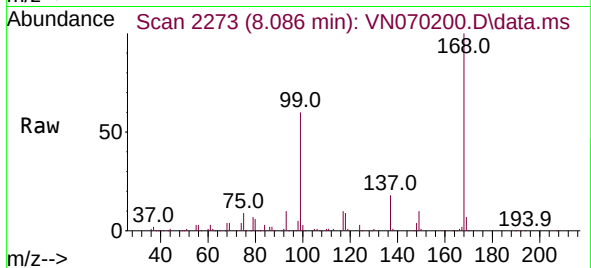
86 55.0 53.0 79.4



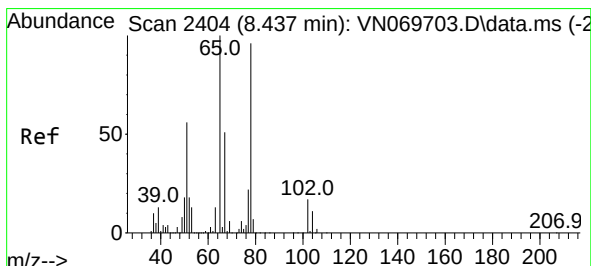
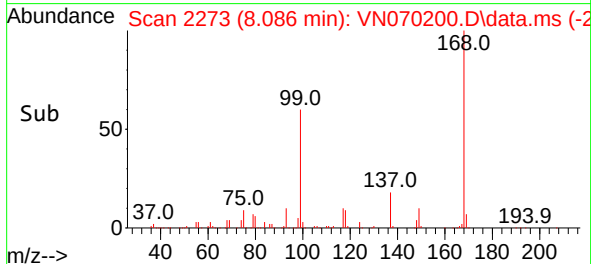
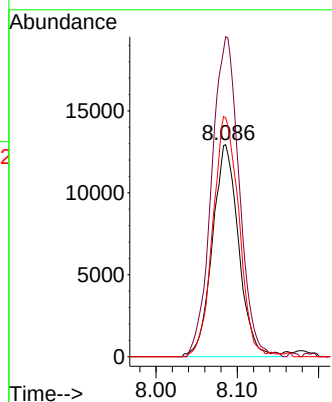


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Instrument :
MSVOA_N
ClientSampleId :

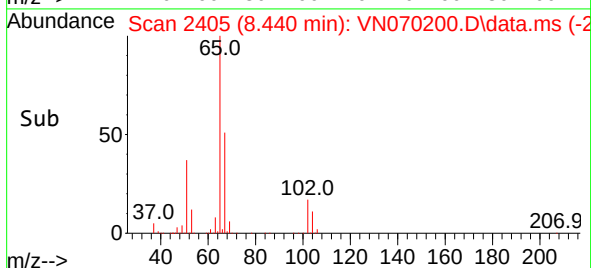
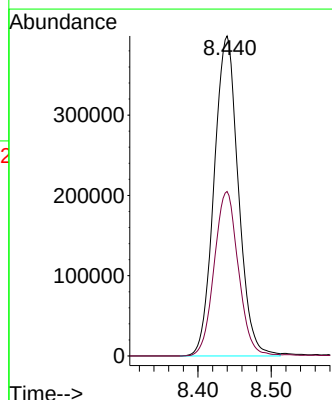
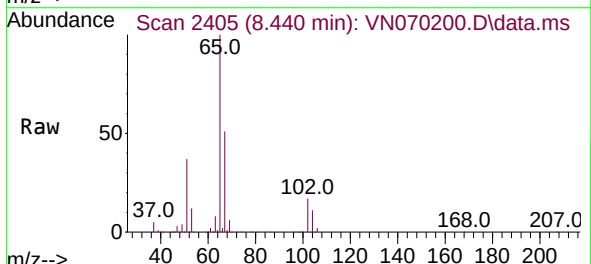


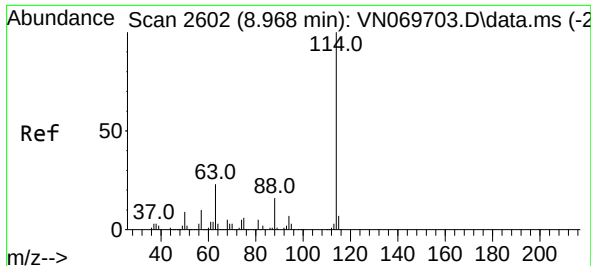
Tgt Ion: 56 Resp: 28999
Ion Ratio Lower Upper
56 100
69 150.9 27.1 40.7#
84 112.6 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.595 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Tgt Ion: 65 Resp: 916016
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

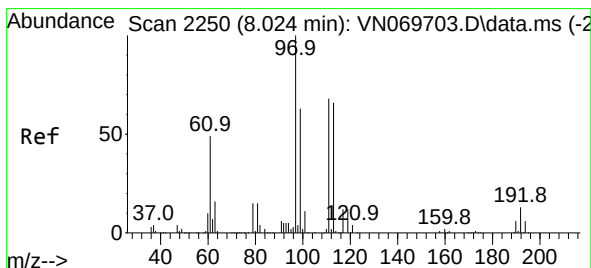
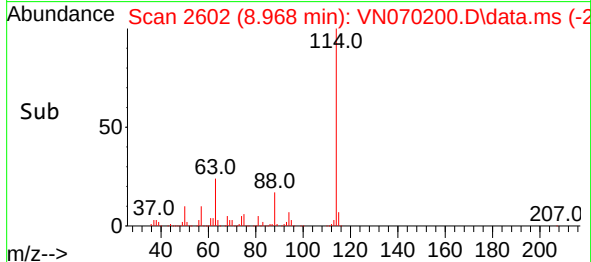
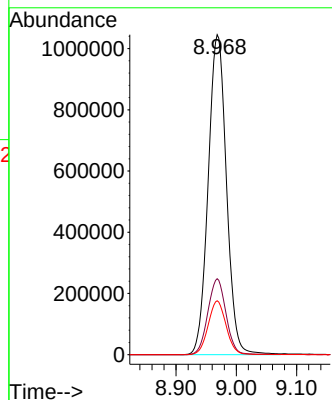
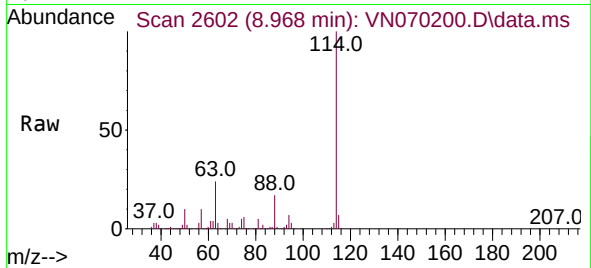




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

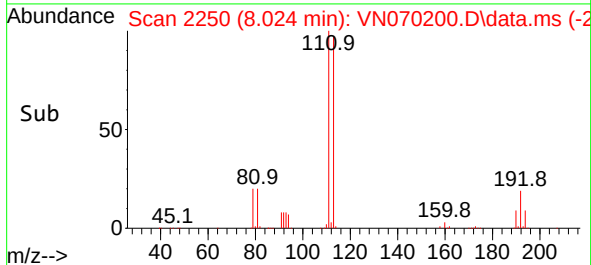
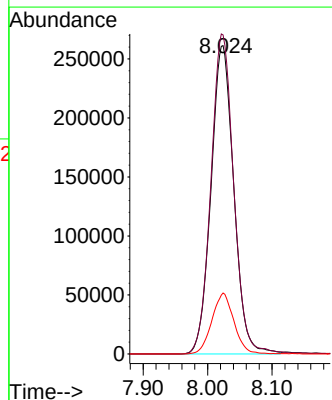
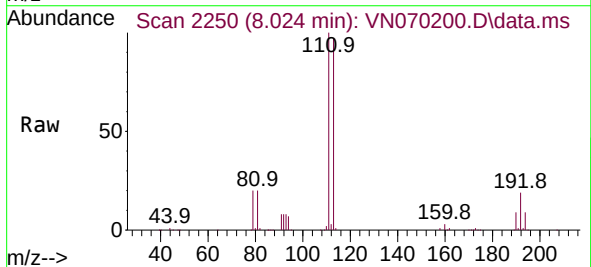
Instrument :
MSVOA_N
ClientSampleId :

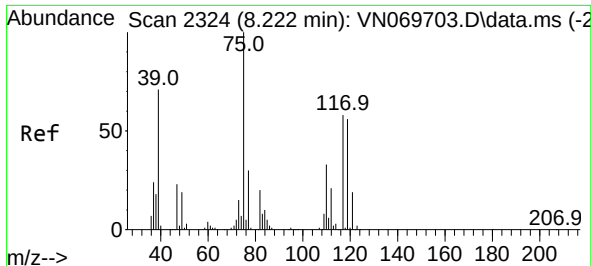
Tgt Ion:114 Resp: 2204528
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.471 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

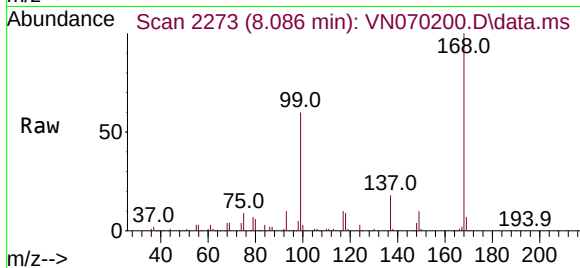
Tgt Ion:113 Resp: 641697
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.1 16.9 25.3



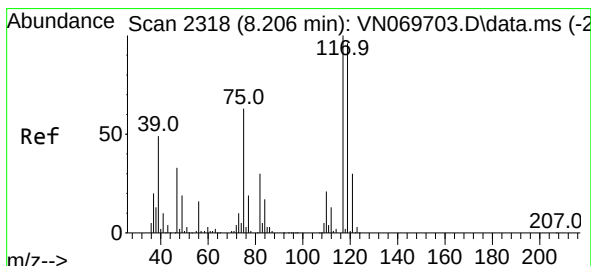
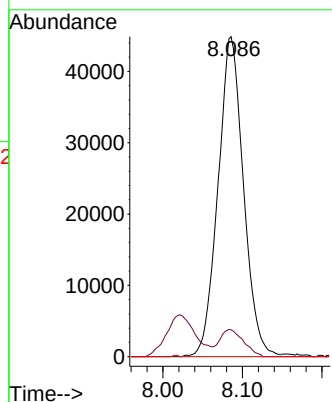
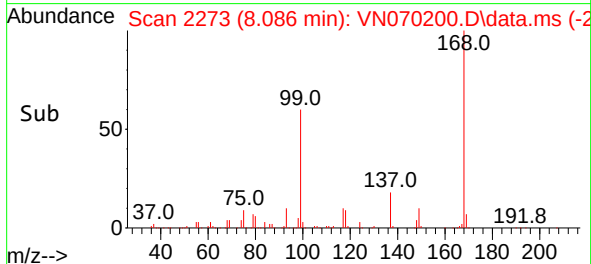


#36
1,1-Dichloropropene
Concen: 4.758 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

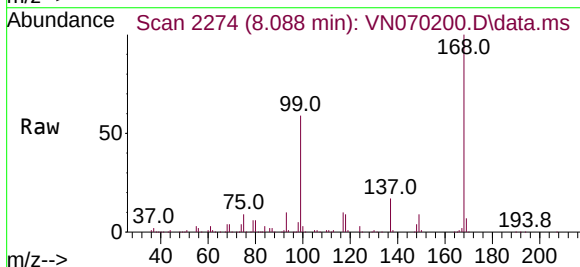
Instrument :
MSVOA_N
ClientSampleId :



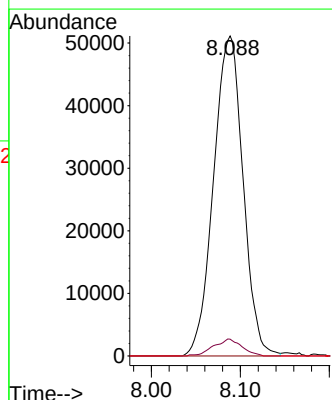
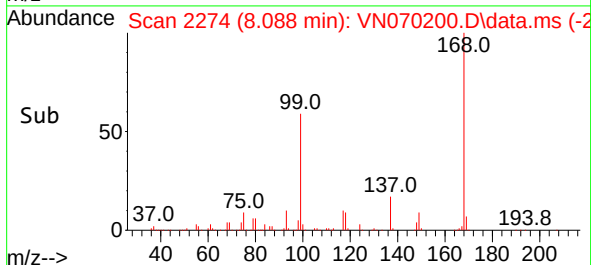
Tgt Ion: 75 Resp: 99861
Ion Ratio Lower Upper
75 100
110 7.8 18.4 55.2#
77 0.0 24.4 36.6#

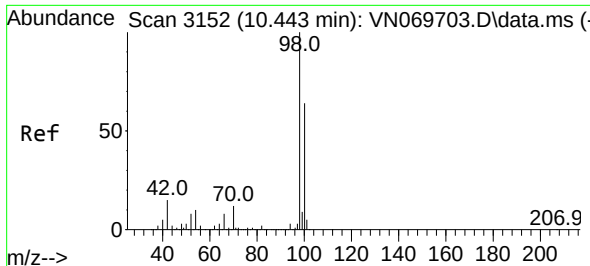


#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31



Tgt Ion: 117 Resp: 117722
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#

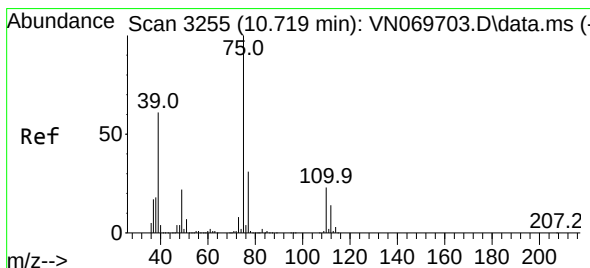
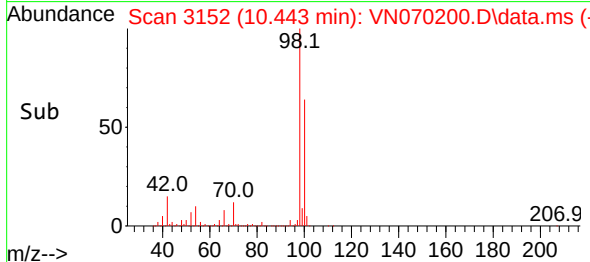
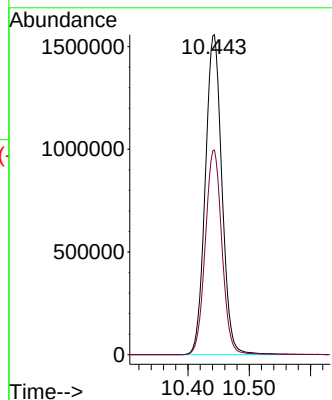
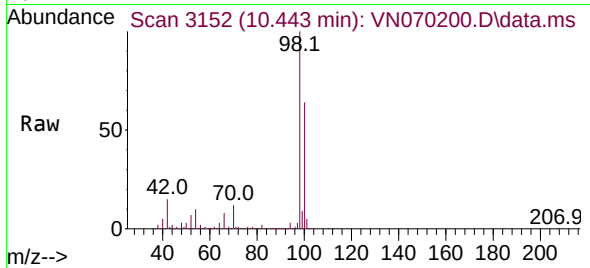




#50
Toluene-d8
Concen: 52.963 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

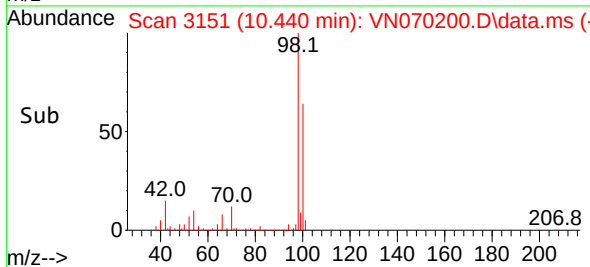
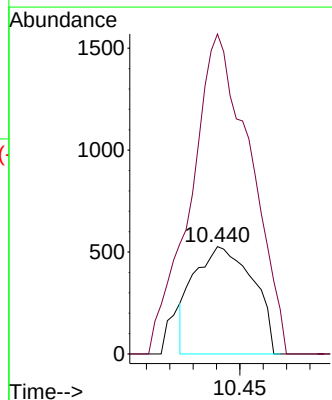
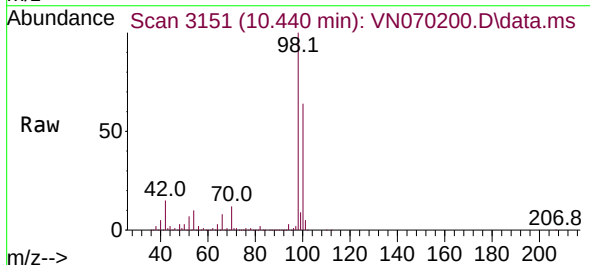
Instrument :
MSVOA_N
ClientSampleId :

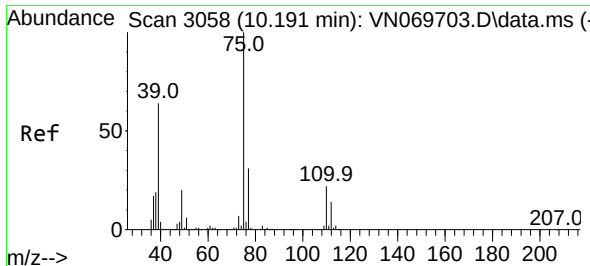
Tgt Ion: 98 Resp: 2936630
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.828 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.279 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

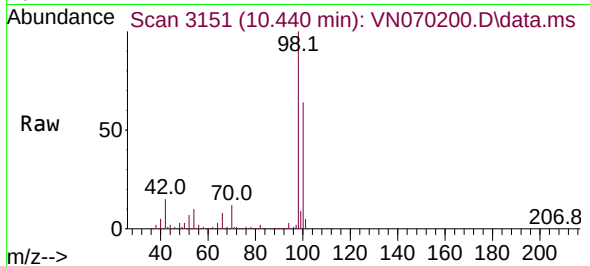
Tgt Ion: 75 Resp: 923
Ion Ratio Lower Upper
75 100
77 256.4 25.6 38.4#



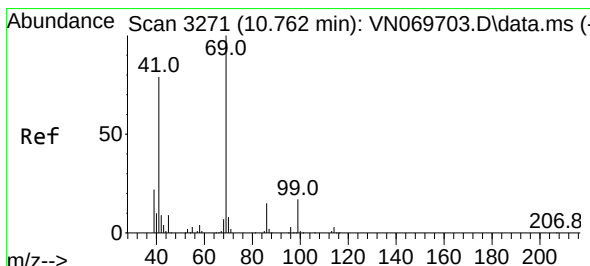
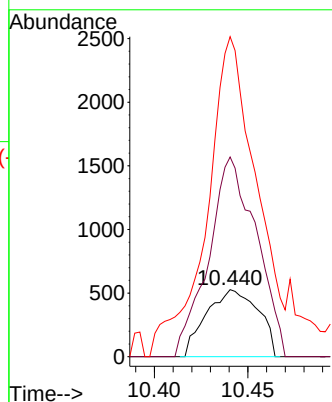
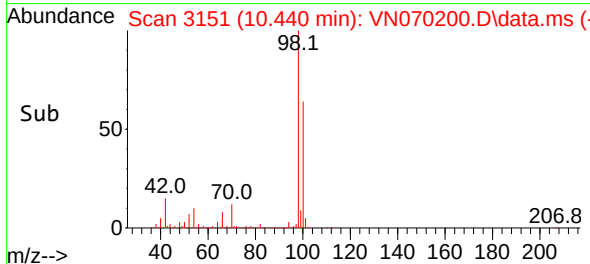


#54
 cis-1,3-Dichloropropene
 Concen: 2.035 ug/l
 RT: 10.440 min Scan# 3151
 Delta R.T. 0.249 min
 Lab File: VN070200.D
 Acq: 18 Dec 2021 7:31

Instrument :
 MSVOA_N
 ClientSampleId :

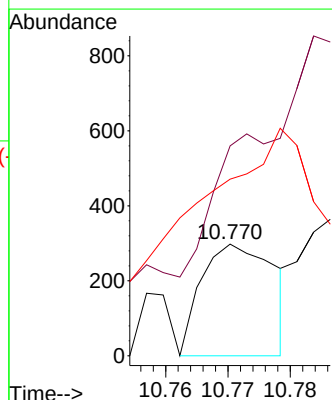
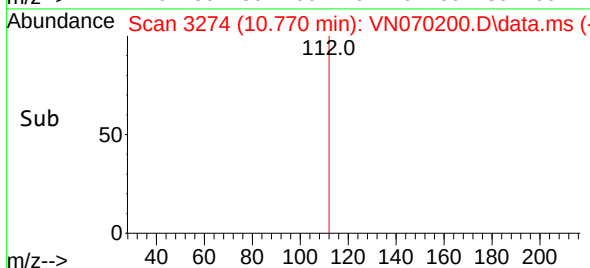
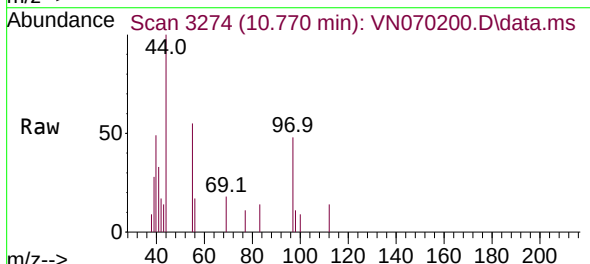


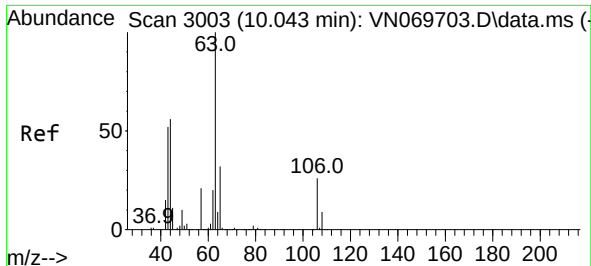
Tgt Ion: 75 Resp: 1020
 Ion Ratio Lower Upper
 75 100
 77 267.6 26.4 39.6#
 39 411.0 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.287 ug/l
 RT: 10.770 min Scan# 3274
 Delta R.T. 0.008 min
 Lab File: VN070200.D
 Acq: 18 Dec 2021 7:31

Tgt Ion: 69 Resp: 242
 Ion Ratio Lower Upper
 69 100
 41 0.0 51.4 77.0#
 39 0.0 34.6 52.0#

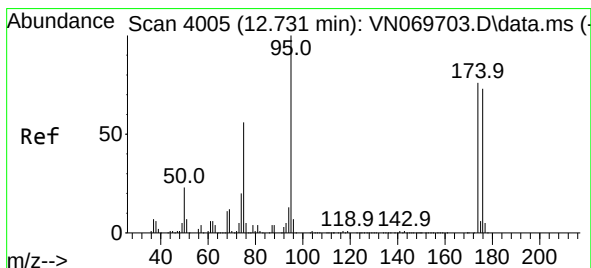
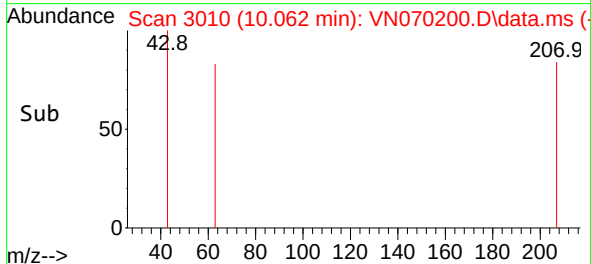
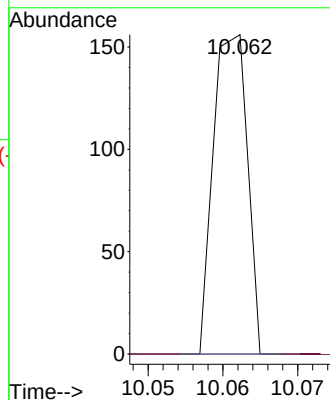
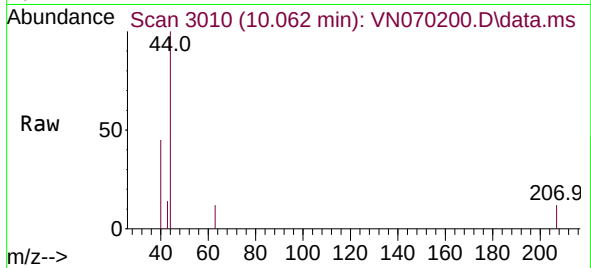




#58
2-Chloroethyl Vinyl ether
Concen: 18.395 ug/l
RT: 10.062 min Scan# 3010
Delta R.T. 0.019 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

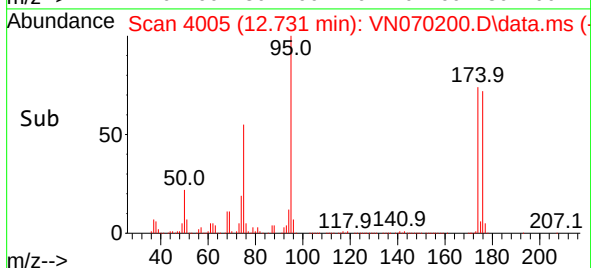
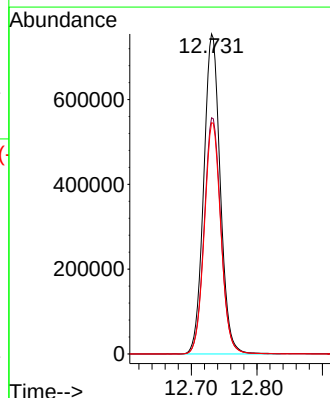
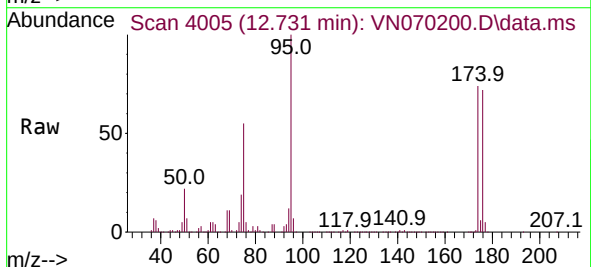
Instrument :
MSVOA_N
ClientSampleId :

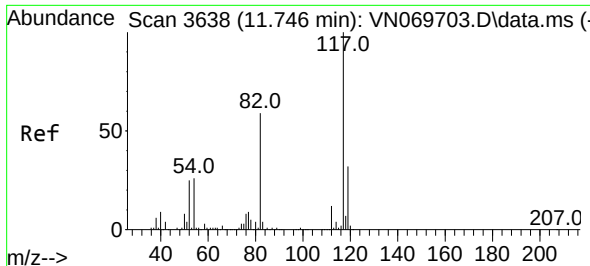
Tgt Ion: 63 Resp: 49
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 65.582 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

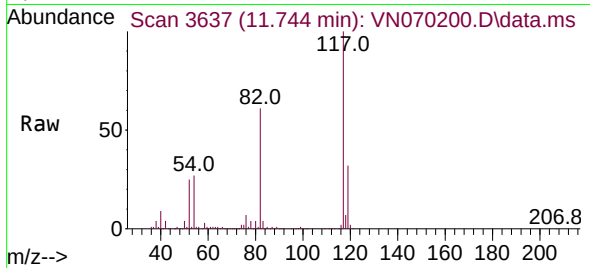
Tgt Ion: 95 Resp: 1317342
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.6 0.0 181.4



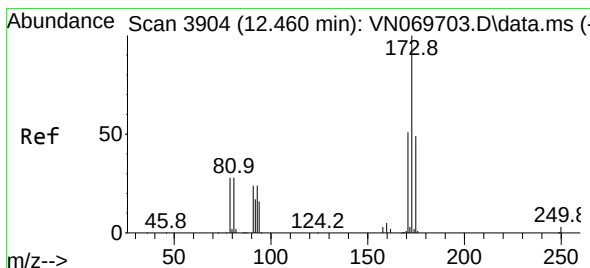
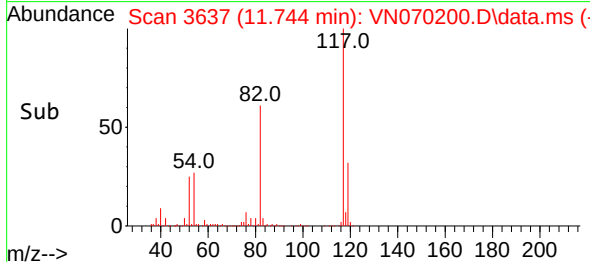
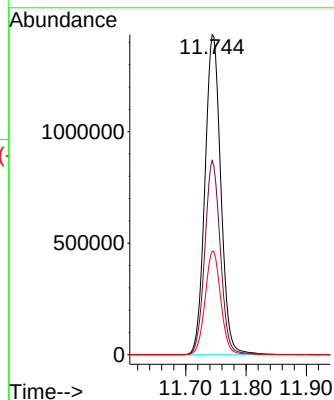


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Instrument :
MSVOA_N
ClientSampleId :

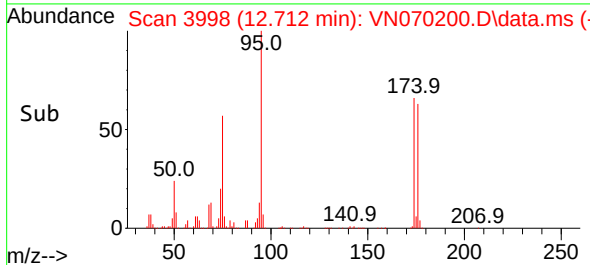
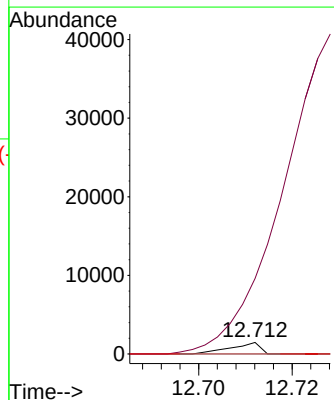
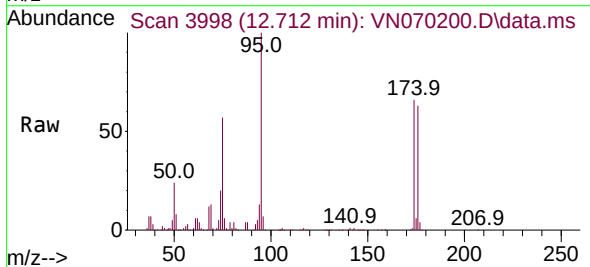


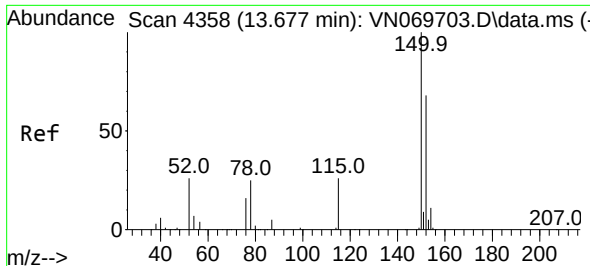
Tgt Ion:117 Resp: 2620390
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 32.4 25.4 38.2



#71
Bromoform
Concen: 2.769 ug/l
RT: 12.712 min Scan# 3998
Delta R.T. 0.252 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

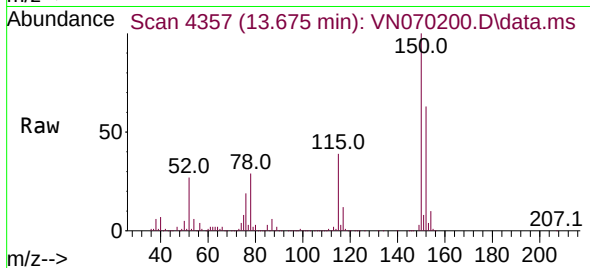
Tgt Ion:173 Resp: 641
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



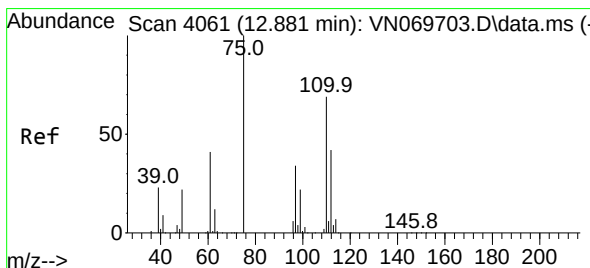
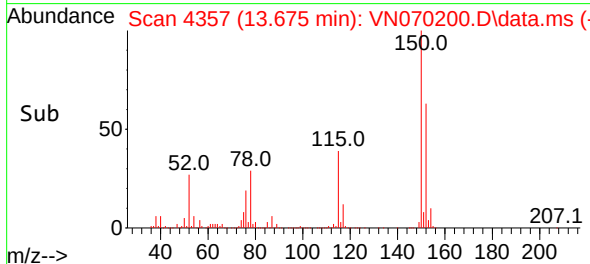
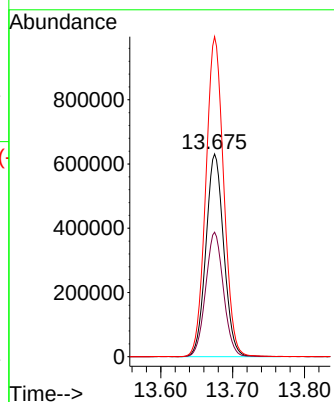


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070200.D
 Acq: 18 Dec 2021 7:31

Instrument :
 MSVOA_N
 ClientSampleId :

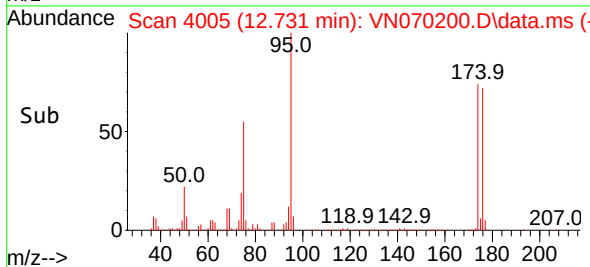
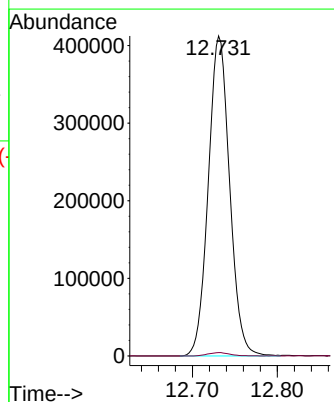
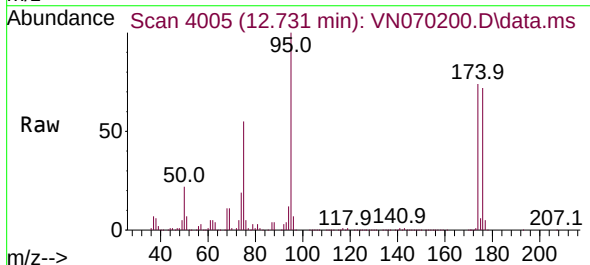


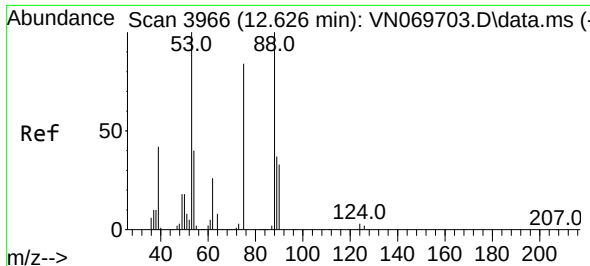
Tgt Ion:152 Resp: 1089505
 Ion Ratio Lower Upper
 152 100
 115 61.2 27.5 82.5
 150 158.3 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 23.019 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.150 min
 Lab File: VN070200.D
 Acq: 18 Dec 2021 7:31

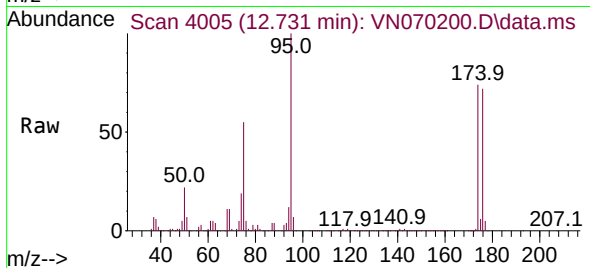
Tgt Ion: 75 Resp: 719206
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#



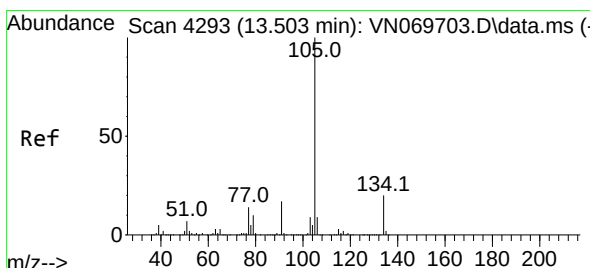
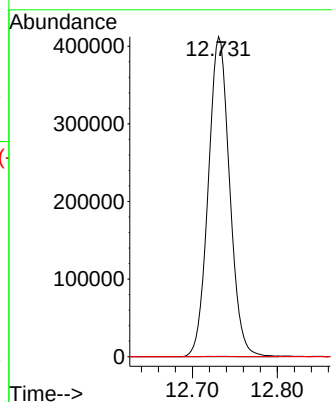
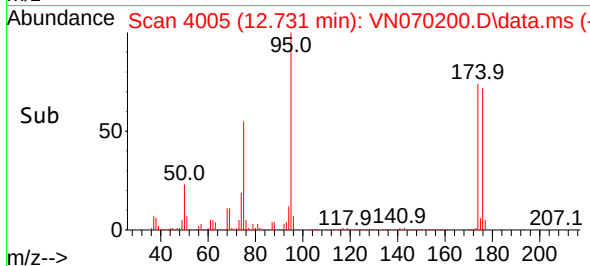


#81
trans-1,4-Dichloro-2-butene
Concen: 73.279 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Instrument :
MSVOA_N
ClientSampleId :

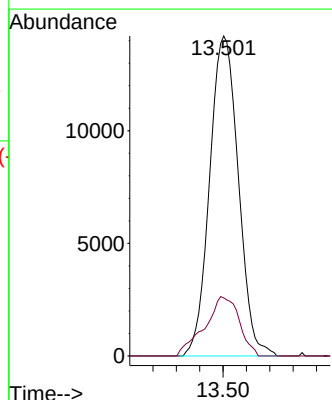
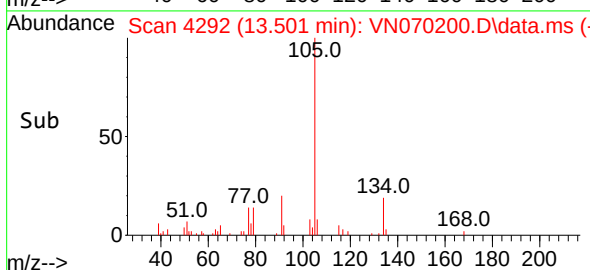
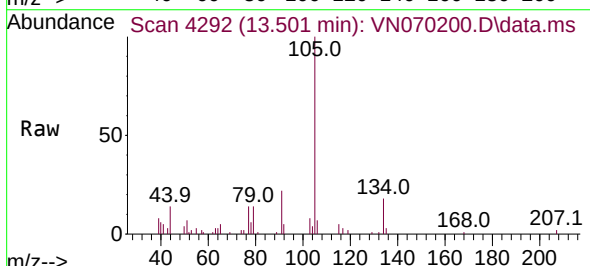


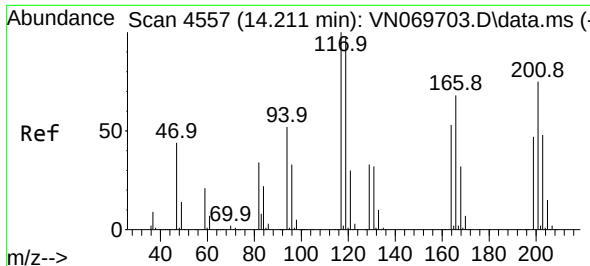
Tgt Ion: 75 Resp: 719206
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#85
sec-Butylbenzene
Concen: 0.259 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Tgt Ion: 105 Resp: 24281
Ion Ratio Lower Upper
105 100
134 22.2 10.4 31.1

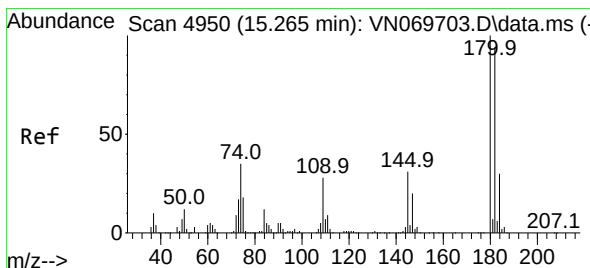
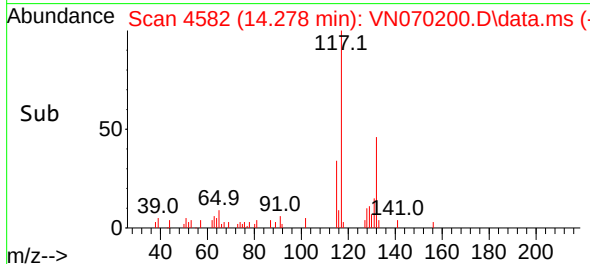
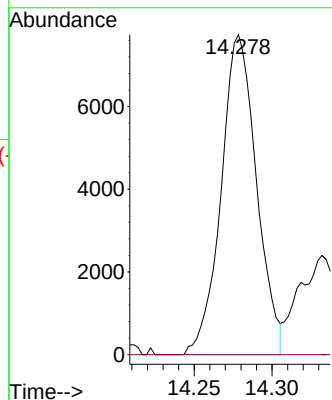
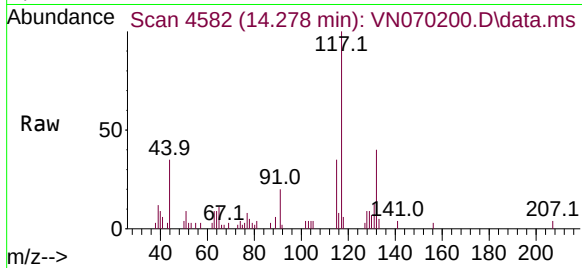




#90
Hexachloroethane
Concen: 0.952 ug/l
RT: 14.278 min Scan# 4582
Delta R.T. 0.067 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

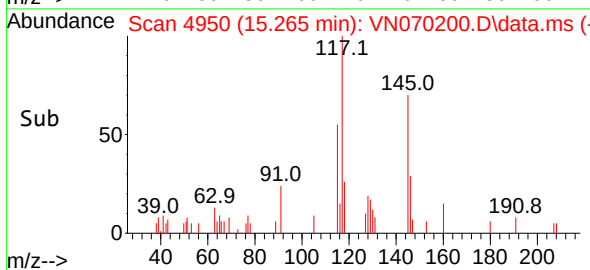
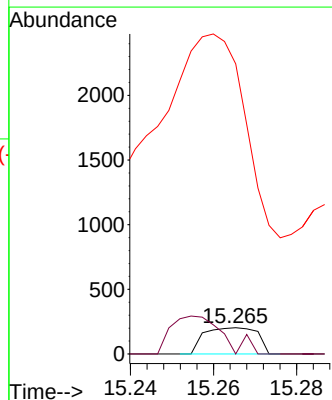
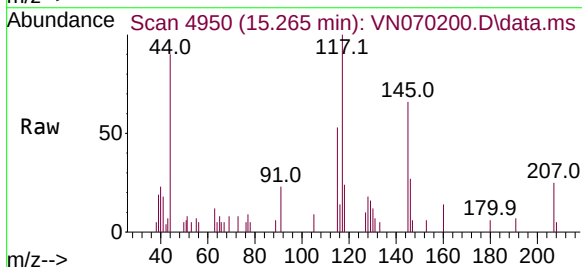
Instrument :
MSVOA_N
ClientSampleId :

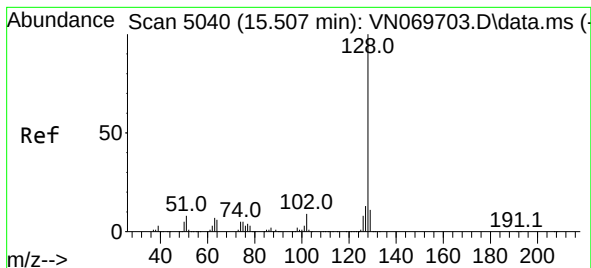
Tgt Ion:117 Resp: 12237
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#93
1,2,4-Trichlorobenzene
Concen: 2.887 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Tgt Ion:180 Resp: 180
Ion Ratio Lower Upper
180 100
182 141.7 48.3 144.9
145 2490.0 14.5 43.5#





#95

Naphthalene

Concen: 4.072 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN070200.D

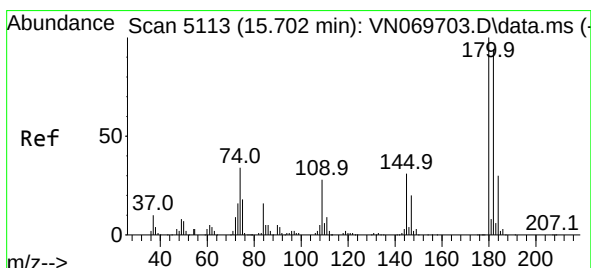
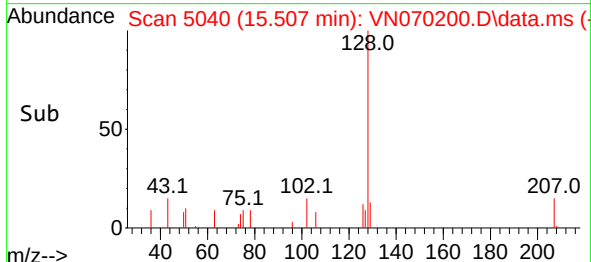
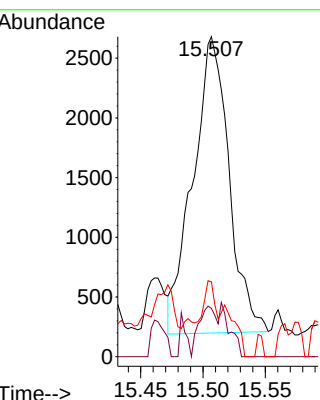
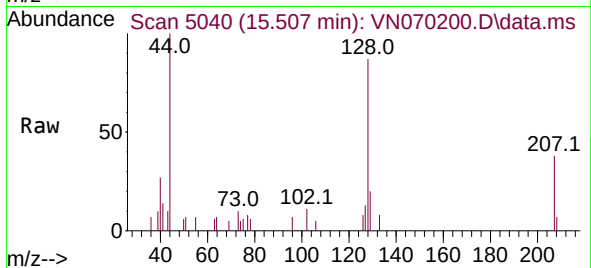
Acq: 18 Dec 2021 7:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	5008
Ion Ratio	Lower	Upper	
128	100		
127	8.4	10.5	15.7#
129	0.0	8.7	13.1#



#96

1,2,3-Trichlorobenzene

Concen: 2.438 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.000 min

Lab File: VN070200.D

Acq: 18 Dec 2021 7:31

Tgt Ion:	180	Resp:	49
Ion Ratio	Lower	Upper	
180	100		
182	287.8	47.4	142.2#
145	0.0	15.0	45.1#

