

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
 Data File : VN067713.D
 Acq On : 13 Jul 2021 13:11
 Operator : JC/MD
 Sample : M2968-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 13 22:16:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	354347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	651991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	612193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	222356	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	272135	50.816	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.640%	
35) Dibromofluoromethane	8.024	113	198212	50.318	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.640%	
50) Toluene-d8	10.443	98	827646	50.196	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.733	95	267230	45.879	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.760%	

Target Compounds				Qvalue		
5) Bromomethane	2.799	94	133	Below Cal	#	4
6) Chloroethane	2.998	64	25	Below Cal	#	44
7) Trichlorofluoromethane	3.360	101	214	Below Cal	#	18
13) Acrolein	4.033	56	117	Below Cal	#	63
16) Acetone	4.299	43	7275	4.317	ug/l	91
17) Carbon Disulfide	4.519	76	1913	0.219	ug/l #	74
20) Methylene Chloride	5.090	84	4383	0.424	ug/l #	80
28) Bromochloromethane	7.817	49	1512	0.423	ug/l #	22
29) Tetrahydrofuran	7.699	42	1738	0.945	ug/l #	45
30) Chloroform	7.817	83	29269	3.556	ug/l	98
31) Cyclohexane	8.088	56	9525	1.268	ug/l #	29
36) 1,1-Dichloropropene	8.086	75	31878	5.264	ug/l #	51
38) Carbon Tetrachloride	8.086	117	40196	6.729	ug/l #	16
47) Bromodichloromethane	9.759	83	1874	0.294	ug/l #	74
49) 1,4-Dioxane	9.571	88	127	33.487	ug/l #	10
51) 4-Methyl-2-Pentanone	10.338	43	3424	0.540	ug/l	96
52) Toluene	10.505	92	2513	0.212	ug/l	94
53) t-1,3-Dichloropropene	10.711	75	202	1.770	ug/l #	43
59) 2-Hexanone	11.089	43	7140	1.613	ug/l	91
60) Dibromochloromethane	10.977	129	252	2.400	ug/l #	11
71) Bromoform	12.460	173	56	3.189	ug/l #	29
74) N-amyl acetate	12.393	43	3457	0.531	ug/l #	93
76) 1,2,3-Trichloropropane	12.733	75	149849	33.000	ug/l #	100
78) n-propylbenzene	12.924	91	4328	0.213	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.733	75	149849	106.395	ug/l #	6
82) 4-Chlorotoluene	13.106	91	3183	0.262	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	3285	0.231	ug/l	97
86) p-Isopropyltoluene	13.619	119	3028	0.219	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	2416	0.328	ug/l #	69
88) 1,4-Dichlorobenzene	13.696	146	3585	0.475	ug/l #	56
89) n-Butylbenzene	13.946	91	6105	0.514	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	2569	0.361	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	329	0.364	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.265	180	3884	3.667	ug/l	95
94) Hexachlorobutadiene	15.373	225	729	0.488	ug/l	91
95) Naphthalene	15.512	128	19875	4.728	ug/l #	92

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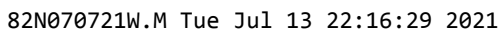
Instrument :
MSVOA_N
ClientSampleId :
IBLK

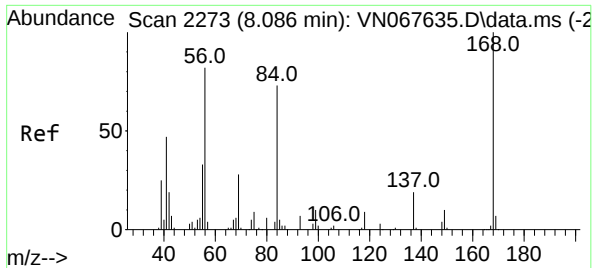
Quant Time: Jul 13 22:16:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.705	180	5221	4.026	ug/l	95

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
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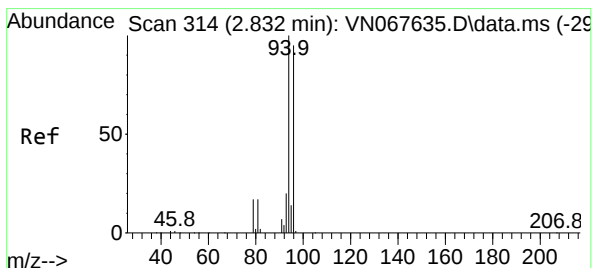
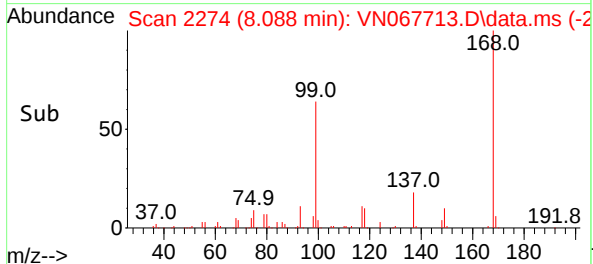
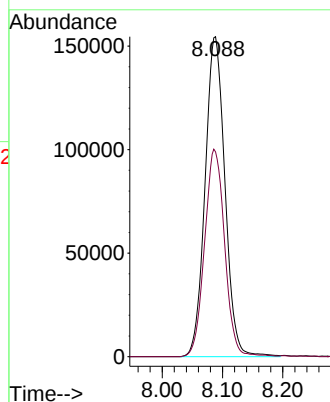
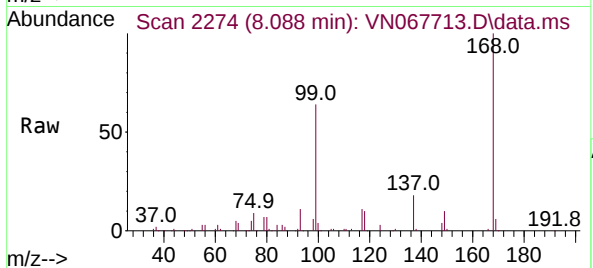




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

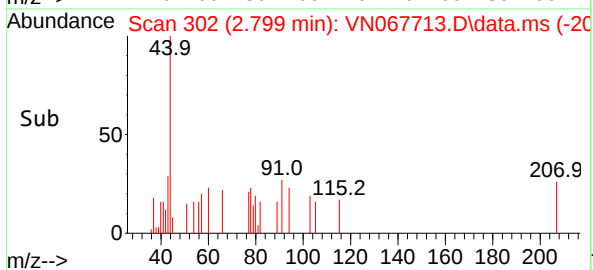
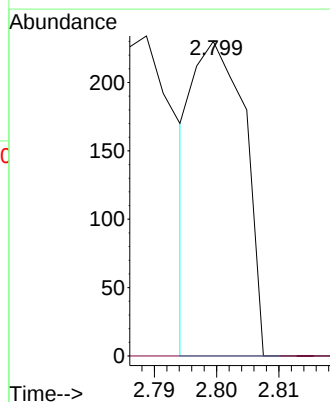
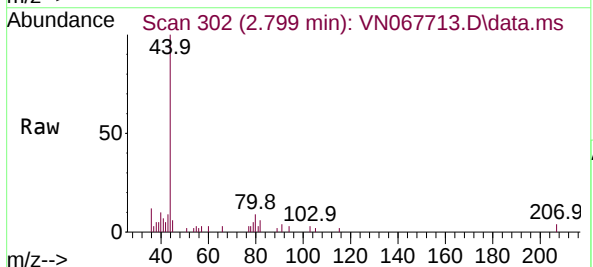
Instrument :
MSVOA_N
ClientSampleId :
IBLK

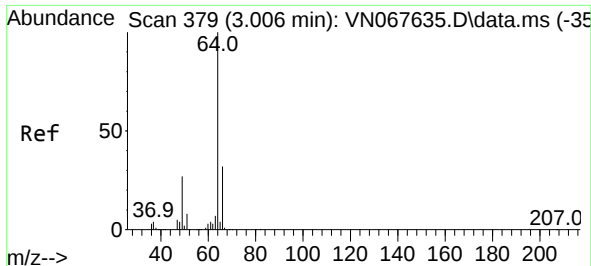
Tgt Ion:168 Resp: 354347
Ion Ratio Lower Upper
168 100
99 64.0 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.799 min Scan# 302
Delta R.T. -0.033 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

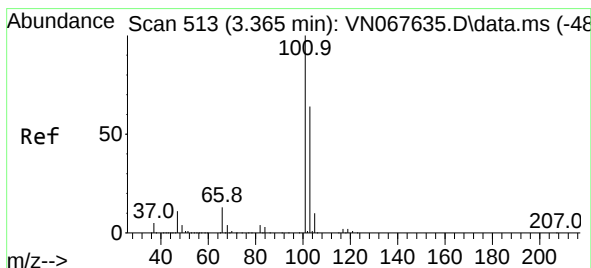
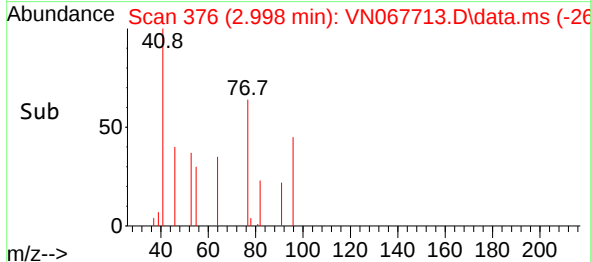
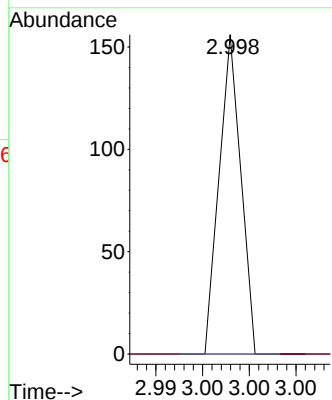
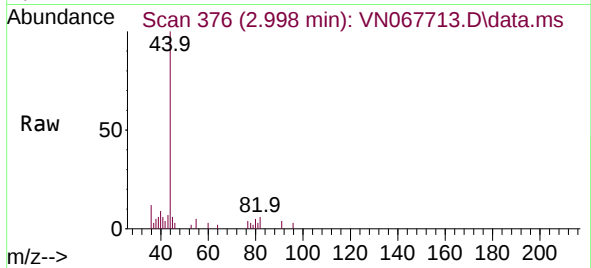




#6
Chloroethane
Concen: Below Cal
RT: 2.998 min Scan# 376
Delta R.T. -0.008 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

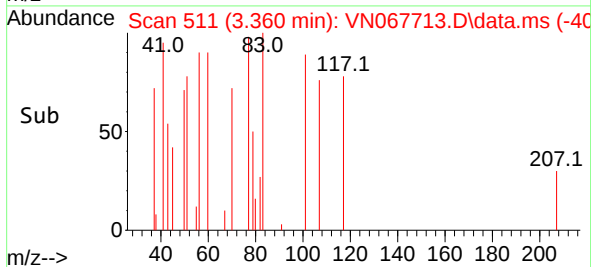
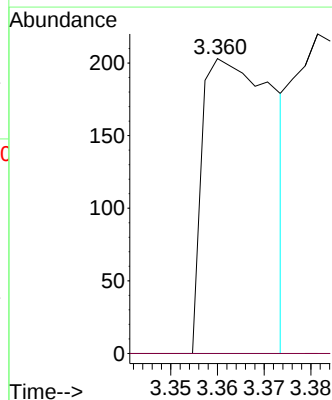
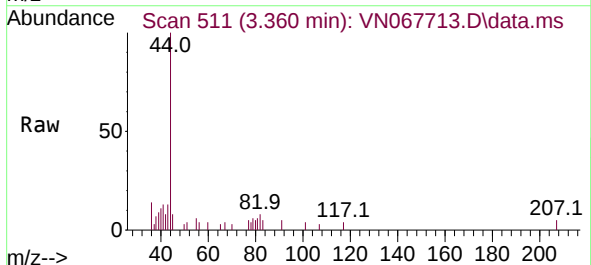
Instrument :
MSVOA_N
ClientSampleId :
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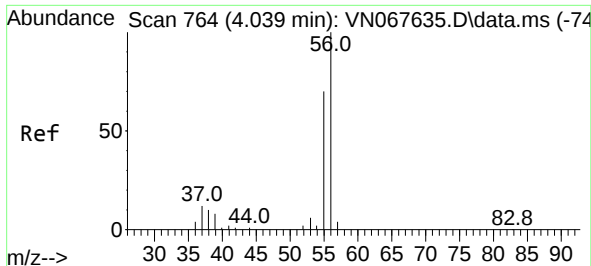
Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.360 min Scan# 511
Delta R.T. -0.005 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 101 Resp: 214
Ion Ratio Lower Upper
101 100
103 0.0 51.2 76.8#

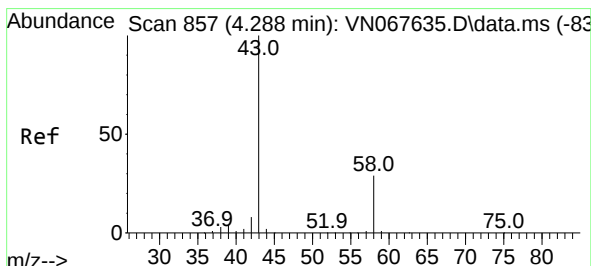
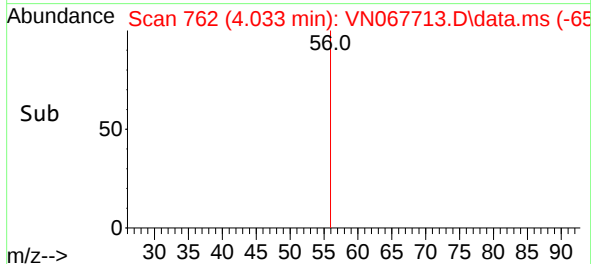
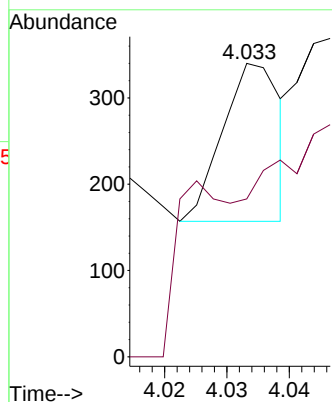
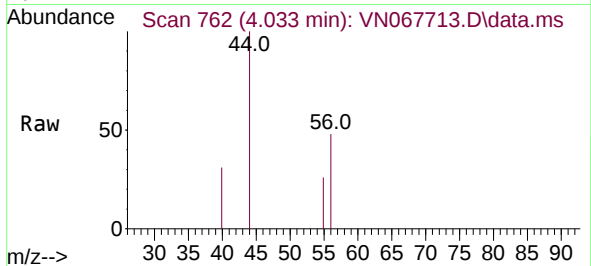




#13
Acrolein
Concen: Below Cal
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

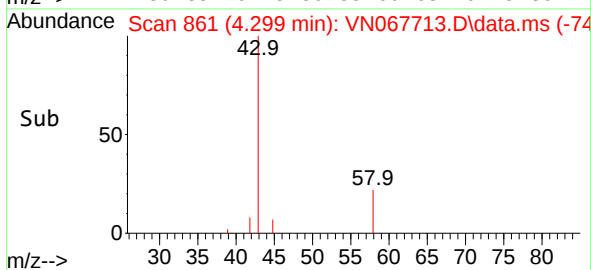
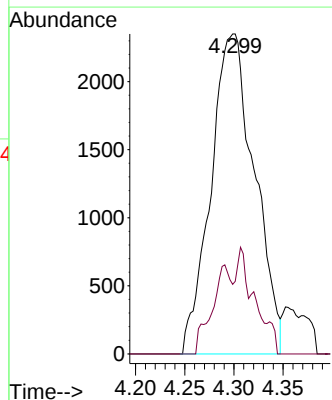
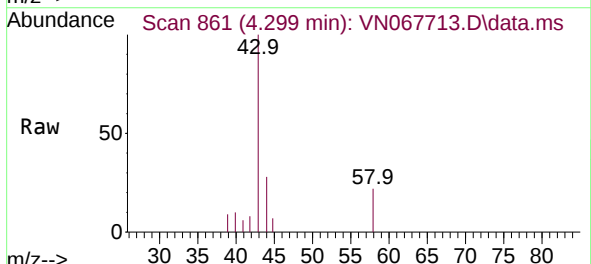
Instrument :
MSVOA_N
ClientSampleId :
IBLK

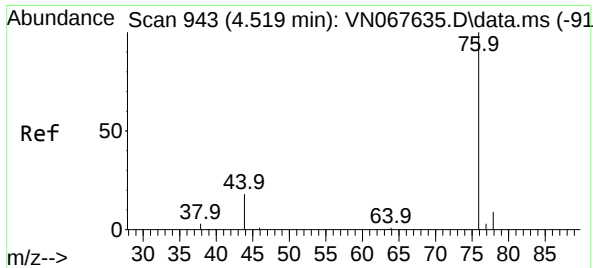
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 102.6 57.4 86.0#



#16
Acetone
Concen: 4.317 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 43 Resp: 7275
Ion Ratio Lower Upper
43 100
58 21.7 21.2 31.8

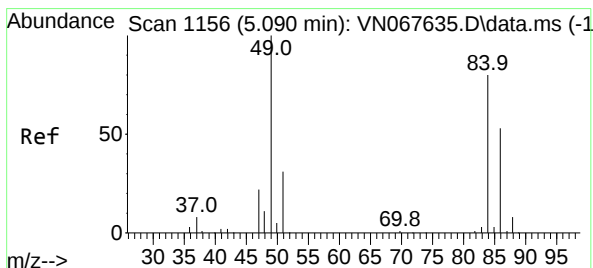
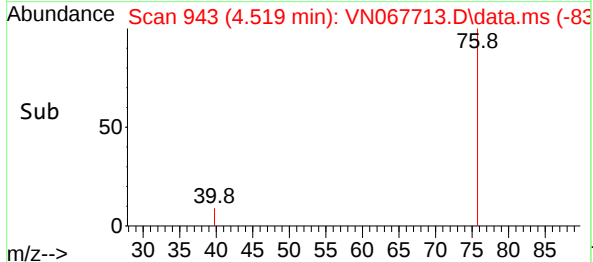
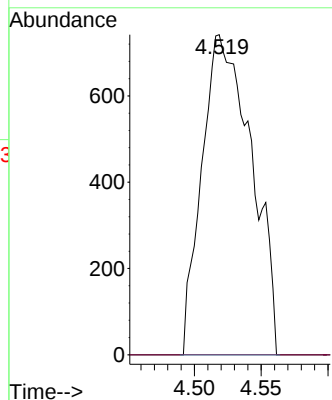
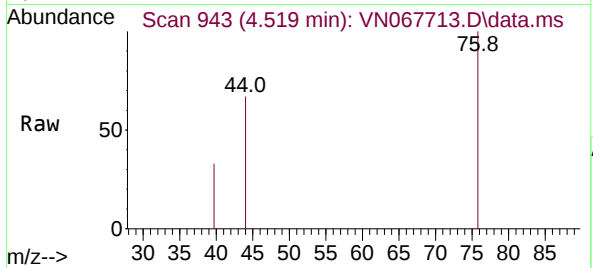




#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 4.519 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

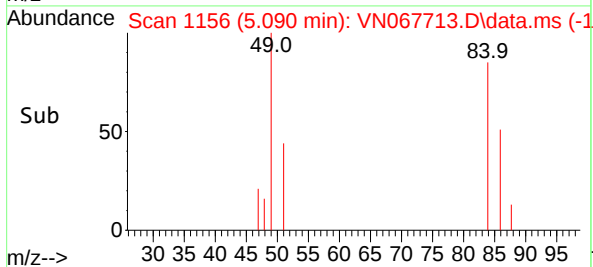
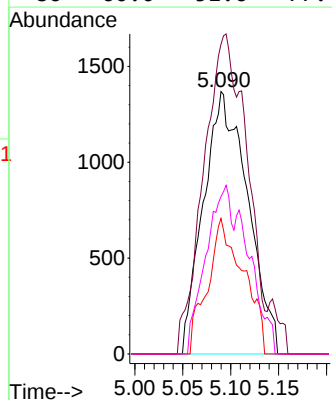
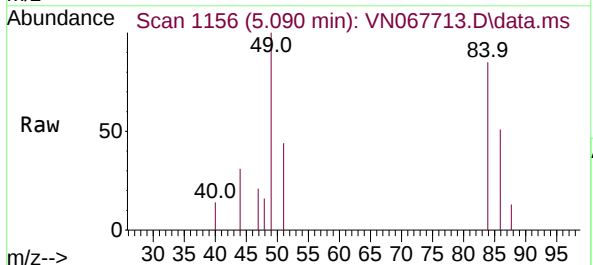
Instrument :
MSVOA_N
ClientSampled :
IBLK

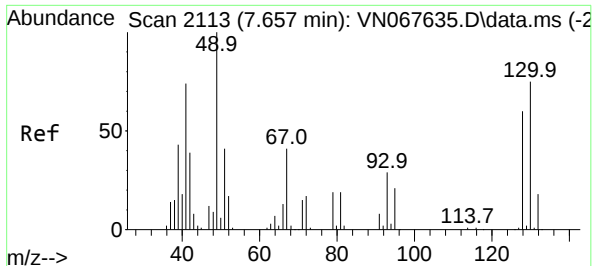
Tgt Ion: 76 Resp: 1913
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#20
Methylene Chloride
Concen: 0.424 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 84 Resp: 4383
Ion Ratio Lower Upper
84 100
49 106.5 110.9 166.3#
51 51.6 32.6 49.0#
86 60.0 51.6 77.4





#28

Bromochloromethane

Concen: 0.423 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. 0.160 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

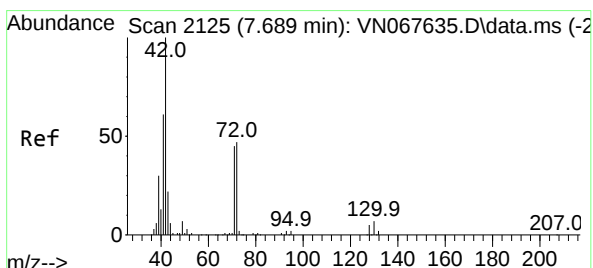
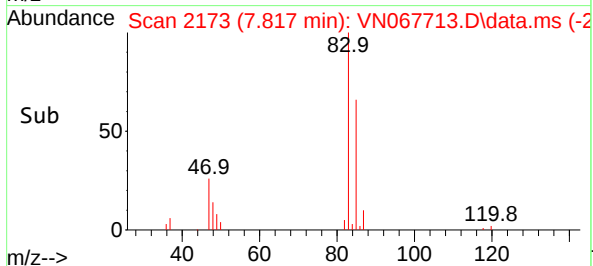
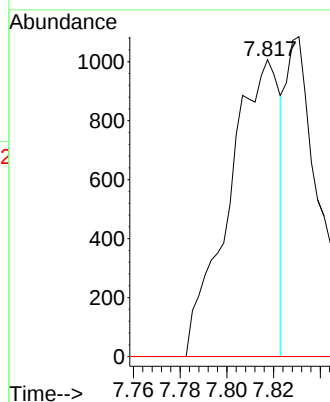
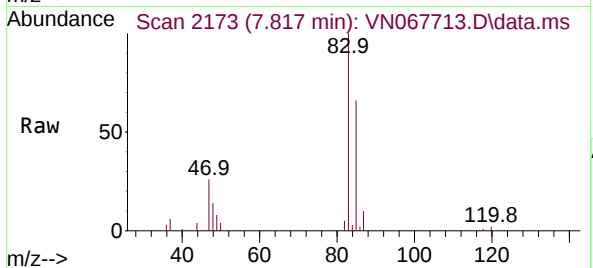
Instrument :

MSVOA_N

ClientSampled :

IBLK

Tgt Ion: 49	Resp: 1512
Ion Ratio	Lower Upper
49	100
129	0.0 0.0 3.8
130	0.0 49.7 74.5#



#29

Tetrahydrofuran

Concen: 0.945 ug/l

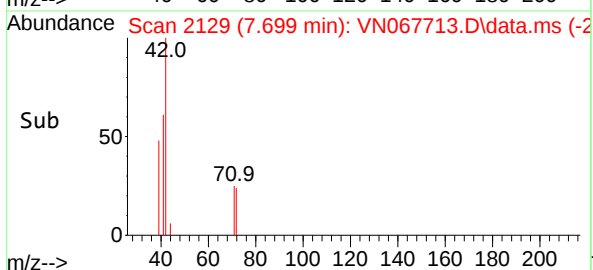
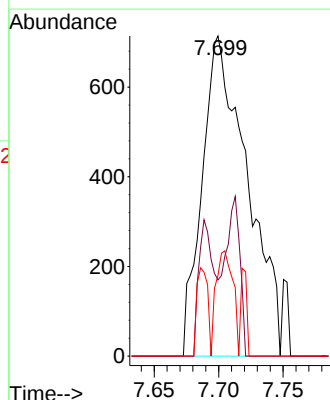
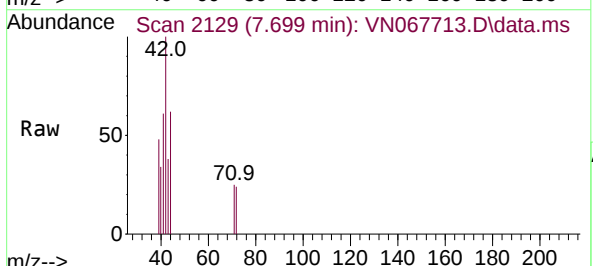
RT: 7.699 min Scan# 2129

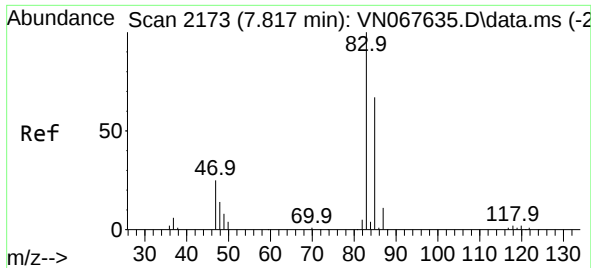
Delta R.T. 0.010 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

Tgt Ion: 42	Resp: 1738
Ion Ratio	Lower Upper
42	100
72	0.0 32.8 49.2#
71	12.3 31.2 46.8#





#30

Chloroform

Concen: 3.556 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. 0.000 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

Tgt Ion: 83 Resp: 29269

Ion Ratio Lower Upper

83 100

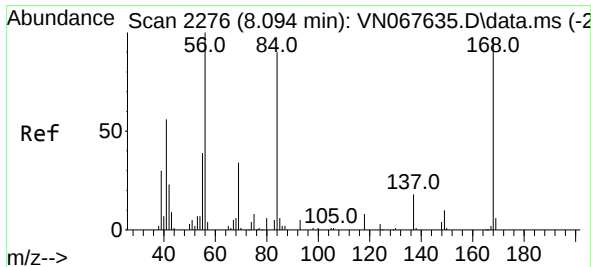
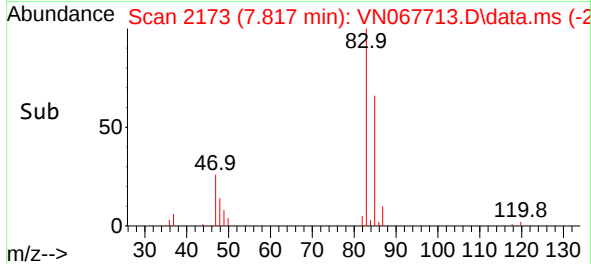
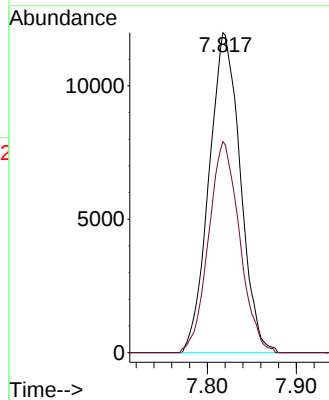
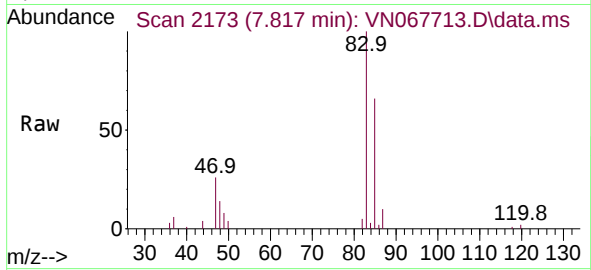
85 65.9 51.5 77.3

Instrument :

MSVOA_N

ClientSampled :

IBLK



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

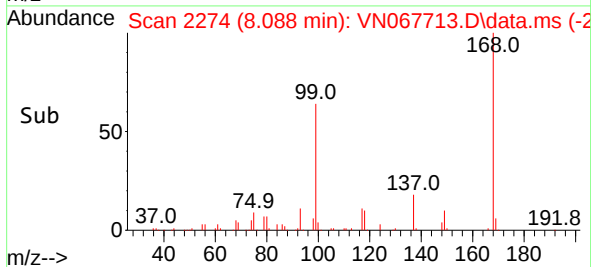
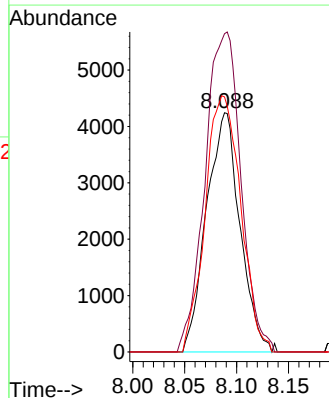
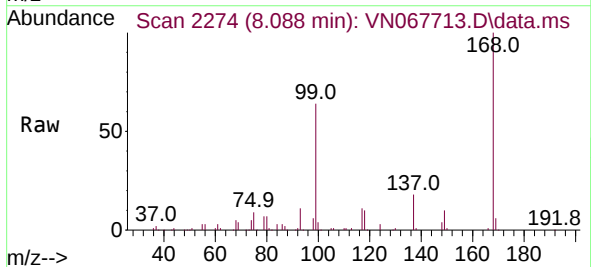
Tgt Ion: 56 Resp: 9525

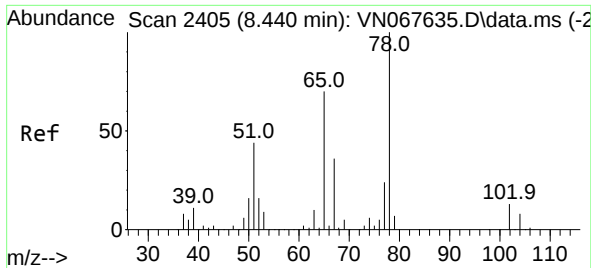
Ion Ratio Lower Upper

56 100

69 133.0 27.3 40.9#

84 106.6 64.9 97.3#

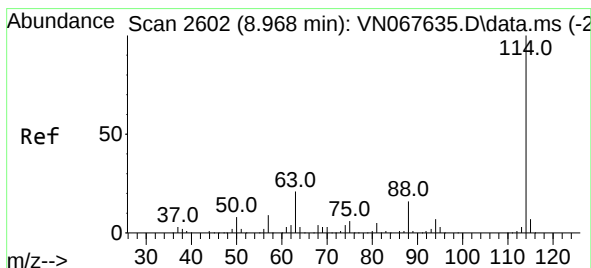
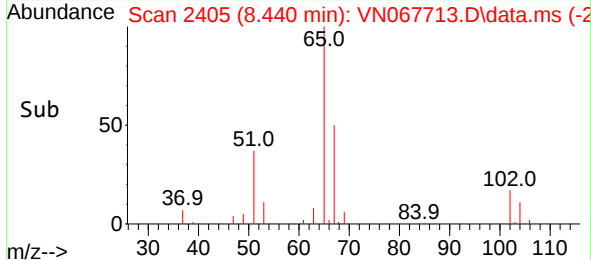
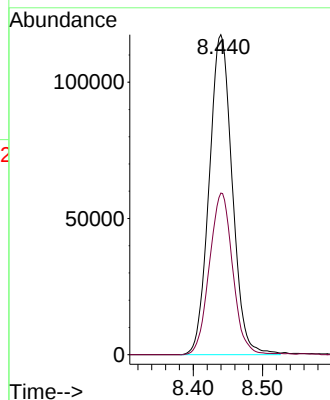
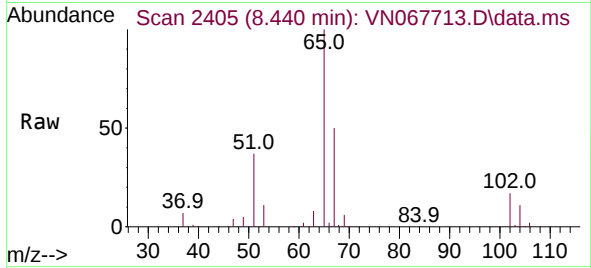




#33
 1,2-Dichloroethane-d4
 Concen: 50.816 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067713.D
 Acq: 13 Jul 2021 13:11

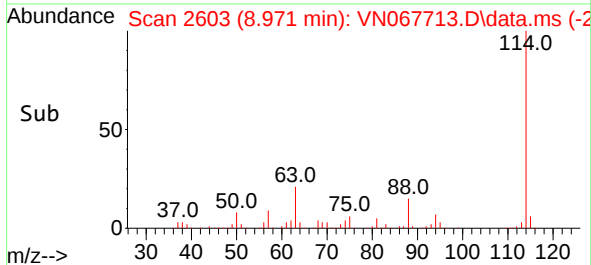
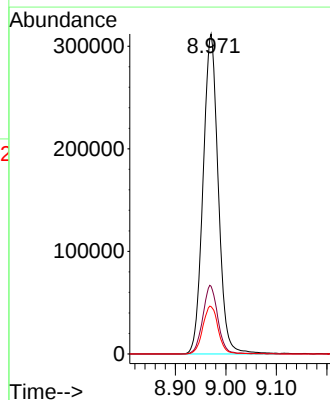
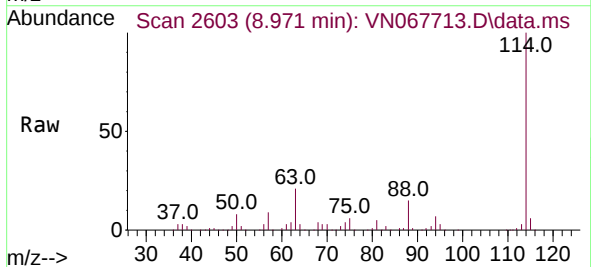
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

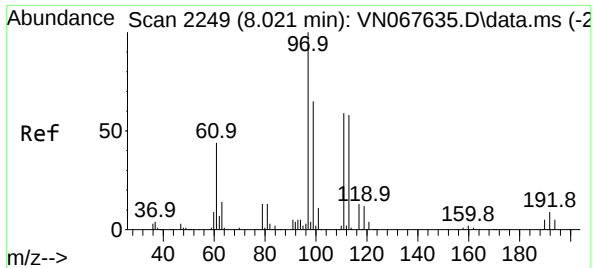
Tgt Ion: 65 Resp: 272135
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN067713.D
 Acq: 13 Jul 2021 13:11

Tgt Ion: 114 Resp: 651991
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 49.0
 88 14.8 0.0 36.6

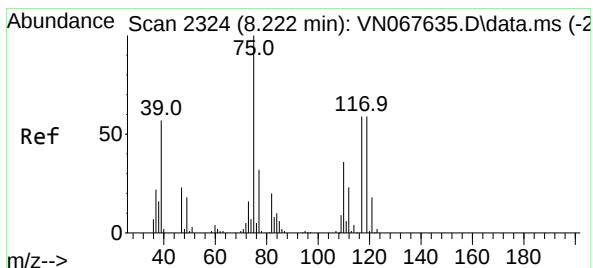
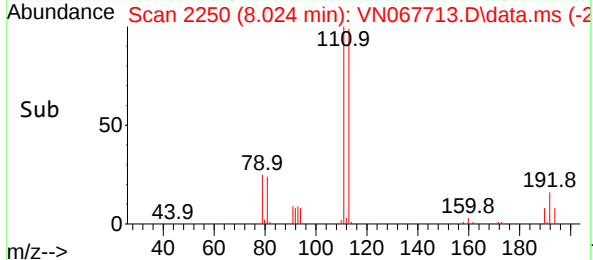
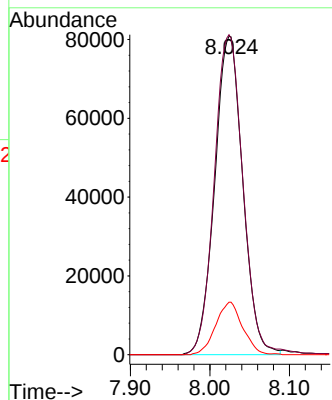
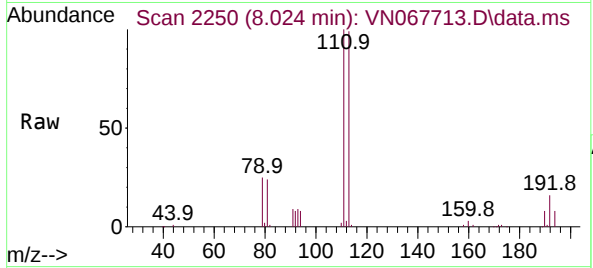




#35
Dibromofluoromethane
Concen: 50.318 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

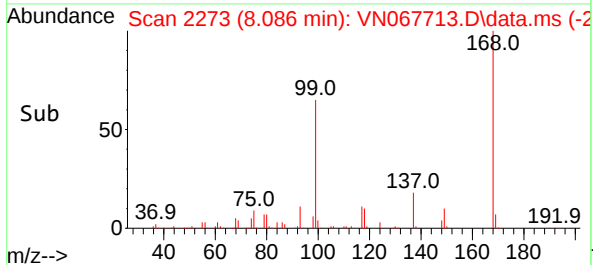
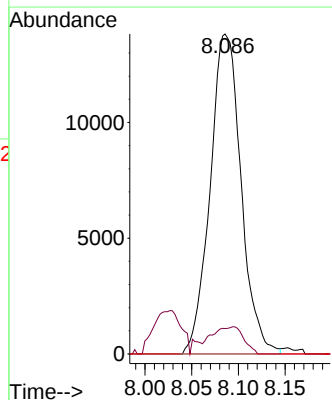
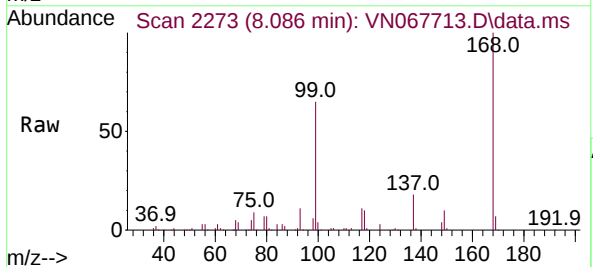
Instrument :
MSVOA_N
ClientSampled :
IBLK

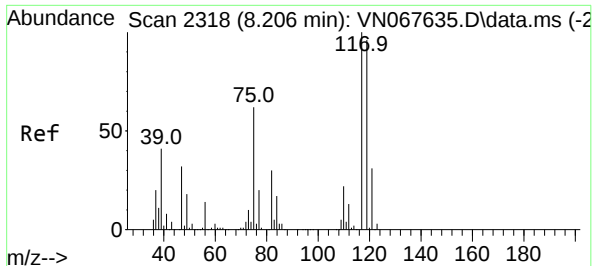
Tgt Ion:113 Resp: 198212
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 15.9 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.264 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 75 Resp: 31878
Ion Ratio Lower Upper
75 100
110 8.7 15.7 47.0#
77 0.0 24.6 37.0#

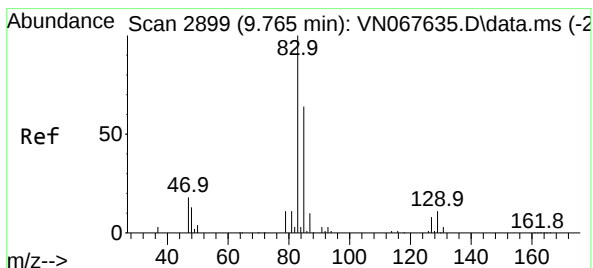
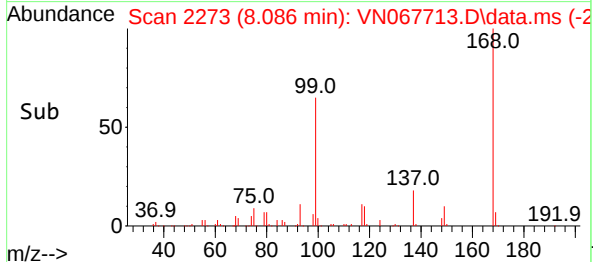
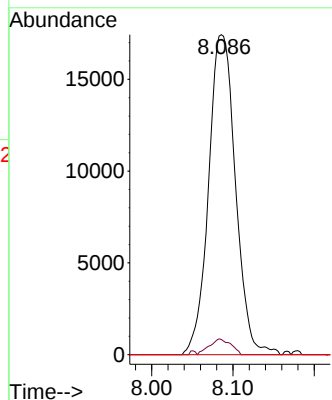
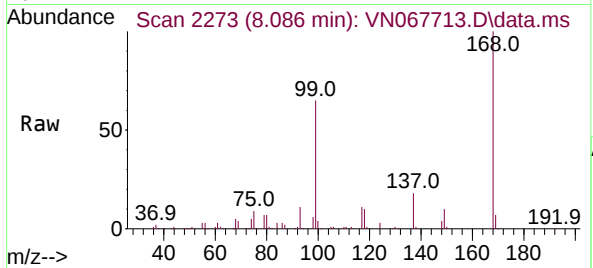




#38
Carbon Tetrachloride
Concen: 6.729 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

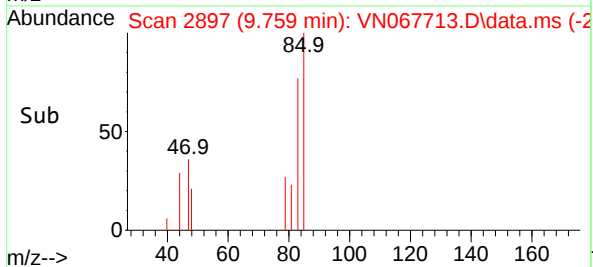
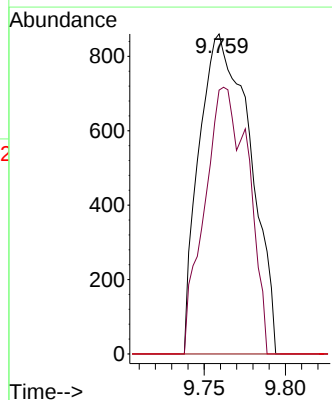
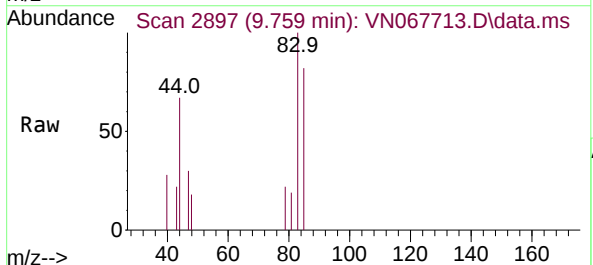
Instrument :
MSVOA_N
ClientSampled :
IBLK

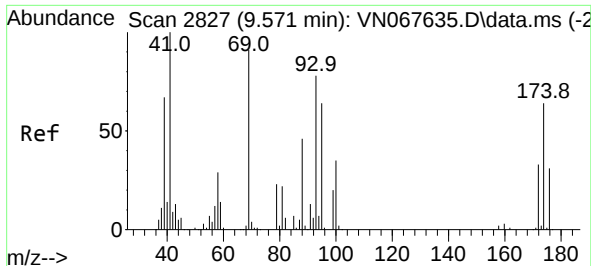
Tgt Ion:117 Resp: 40196
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.2#
121 0.0 23.5 35.3#



#47
Bromodichloromethane
Concen: 0.294 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.006 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 83 Resp: 1874
Ion Ratio Lower Upper
83 100
85 82.4 49.9 74.9#
127 0.0 6.1 9.1#





#49

1,4-Dioxane

Concen: 33.487 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

Tgt Ion: 88 Resp: 127

Ion Ratio Lower Upper

88 100

43 90.6 28.8 43.2#

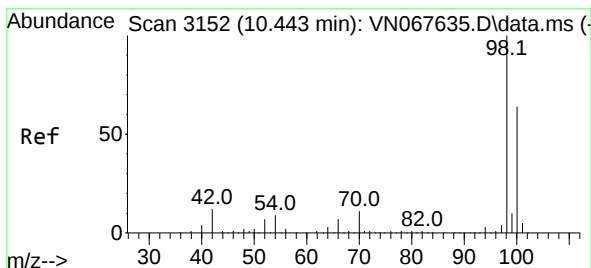
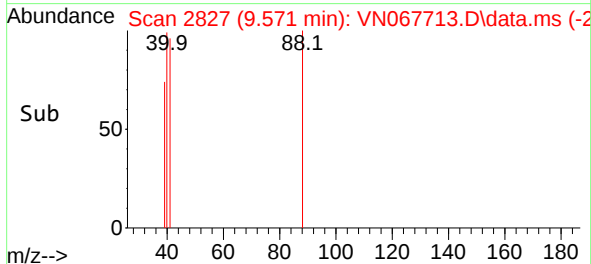
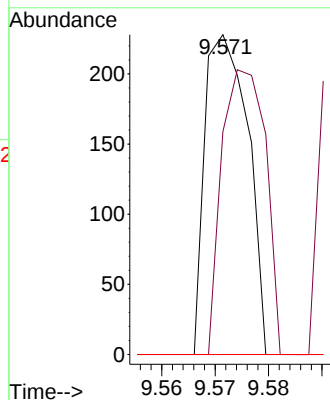
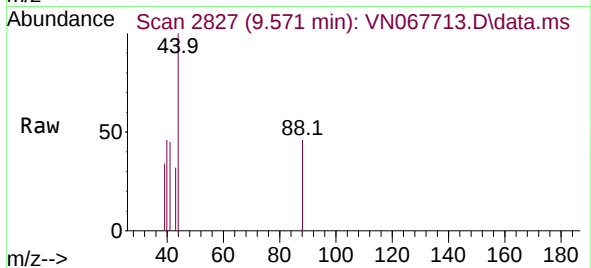
58 0.0 60.4 90.6#

Instrument :

MSVOA_N

ClientSampled :

IBLK



#50

Toluene-d8

Concen: 50.196 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN067713.D

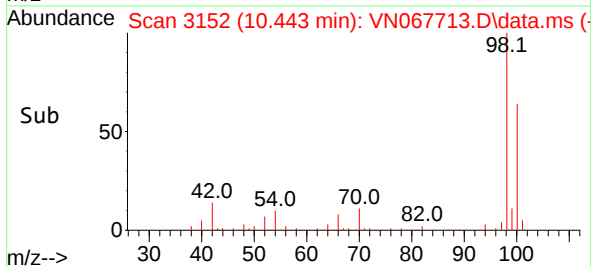
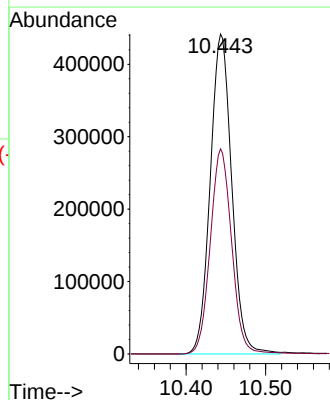
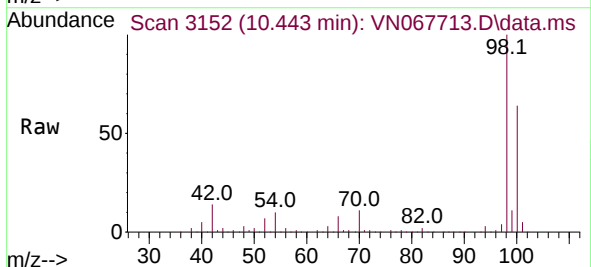
Acq: 13 Jul 2021 13:11

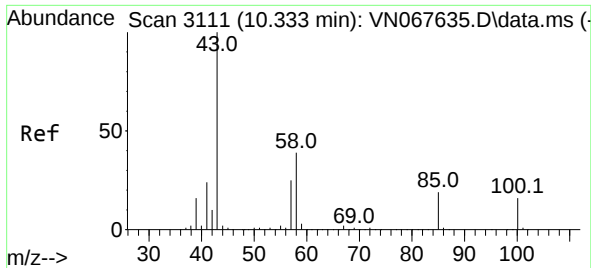
Tgt Ion: 98 Resp: 827646

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5

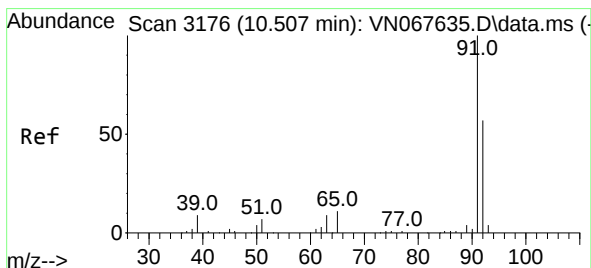
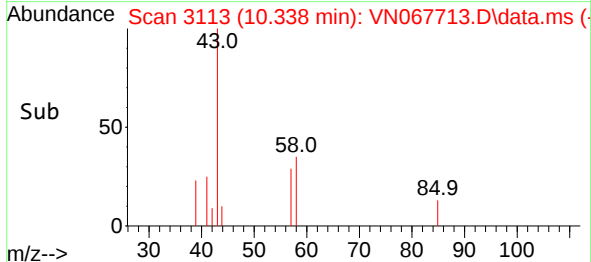
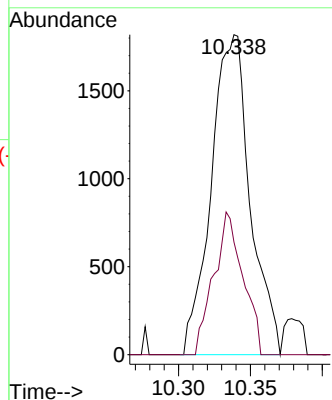
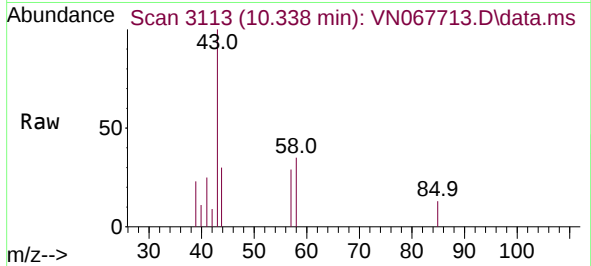




#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

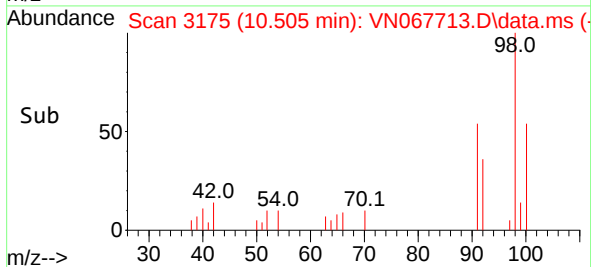
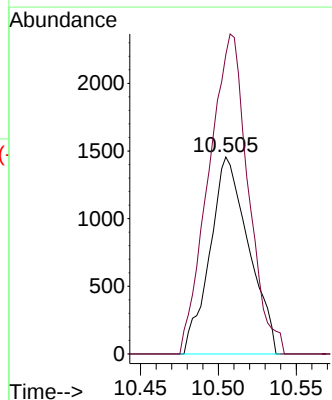
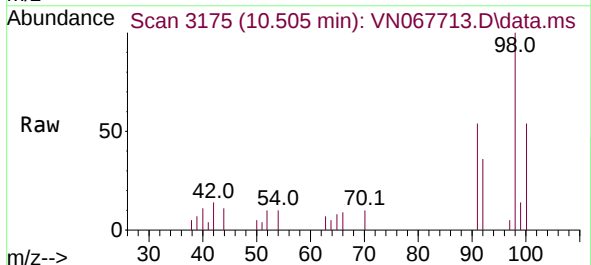
Instrument :
MSVOA_N
ClientSampled :
IBLK

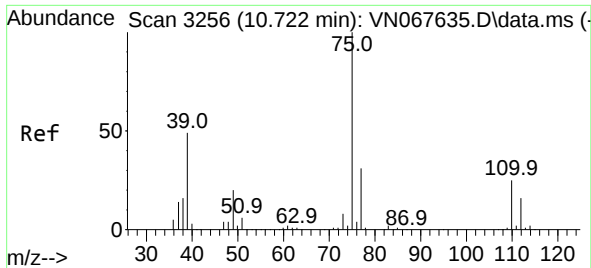
Tgt Ion: 43 Resp: 3424
Ion Ratio Lower Upper
43 100
58 33.4 28.6 43.0



#52
Toluene
Concen: 0.212 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 92 Resp: 2513
Ion Ratio Lower Upper
92 100
91 166.2 139.6 209.4

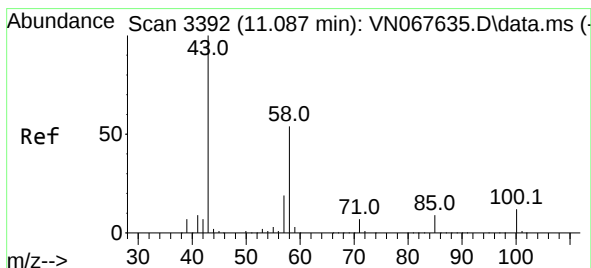
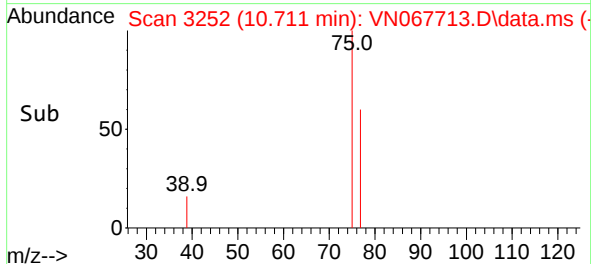
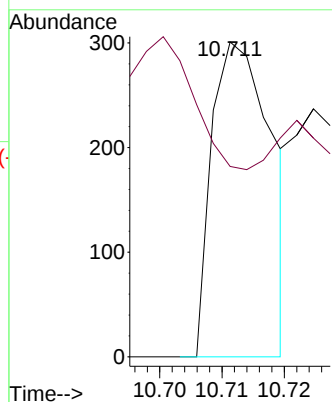
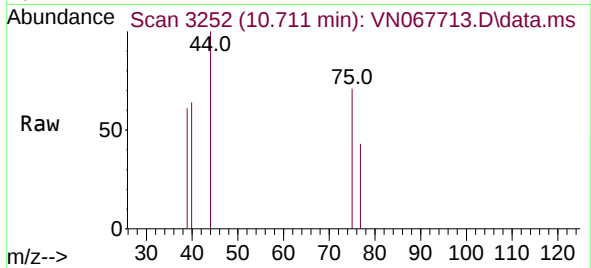




#53
t-1,3-Dichloropropene
Concen: 1.770 ug/l
RT: 10.711 min Scan# 3252
Delta R.T. -0.011 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

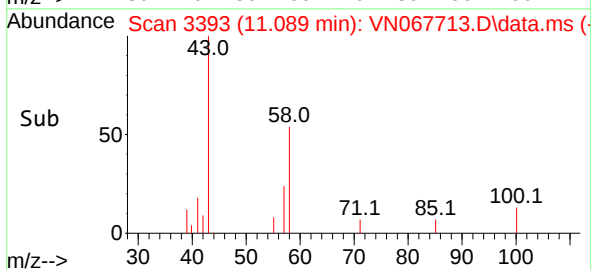
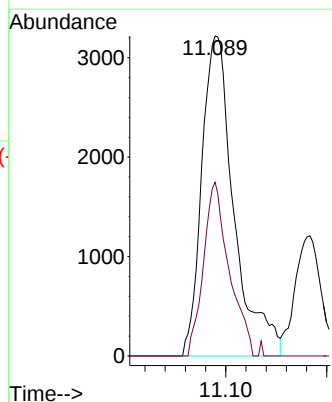
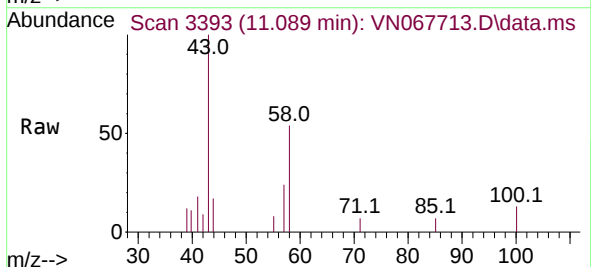
Instrument :
MSVOA_N
ClientSampled :
IBLK

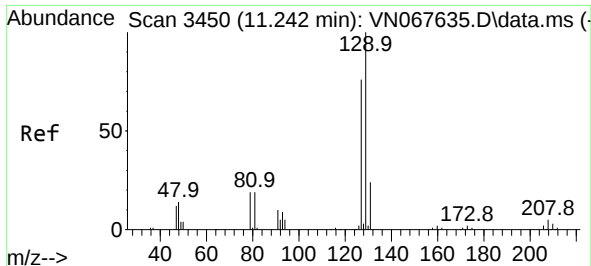
Tgt Ion: 75 Resp: 202
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#59
2-Hexanone
Concen: 1.613 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 43 Resp: 7140
Ion Ratio Lower Upper
43 100
58 43.1 24.7 74.1

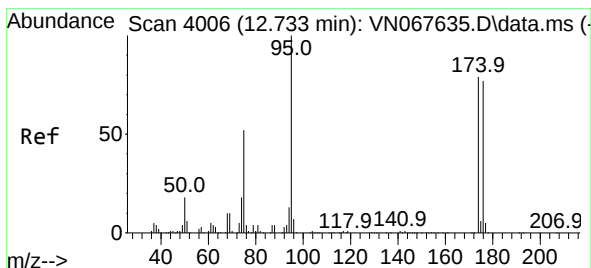
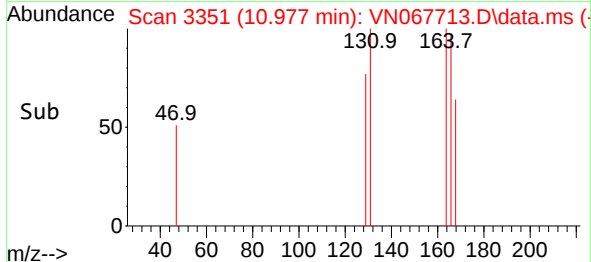
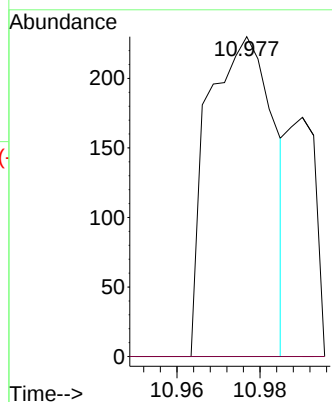
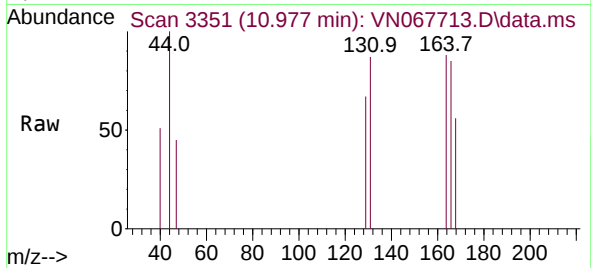




#60
Dibromochloromethane
Concen: 2.400 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.265 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

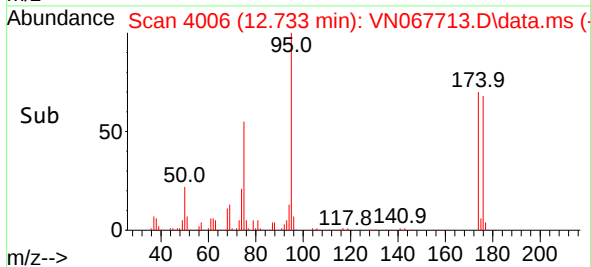
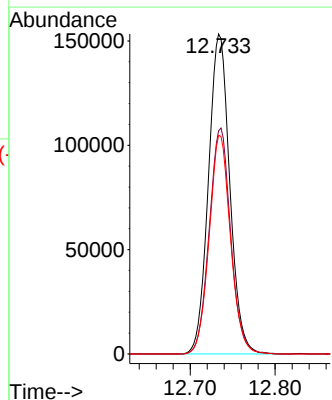
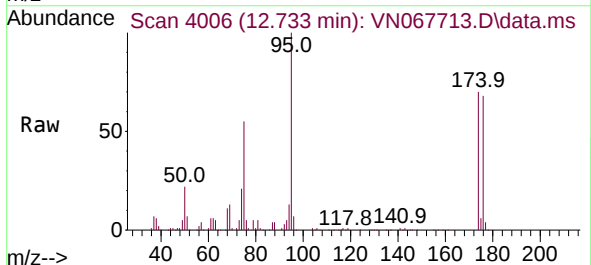
Instrument :
MSVOA_N
ClientSampled :
IBLK

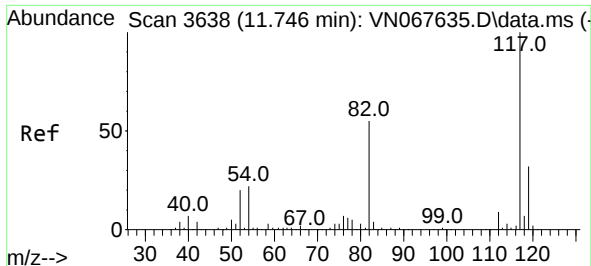
Tgt Ion:129 Resp: 252
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 45.879 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 95 Resp: 267230
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 68.3 0.0 117.6

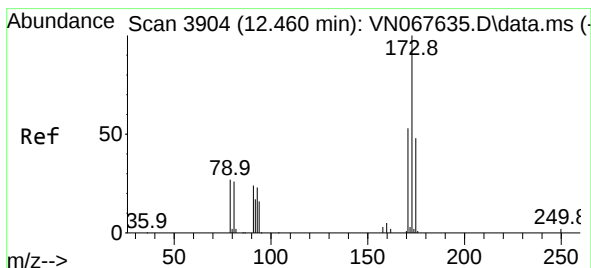
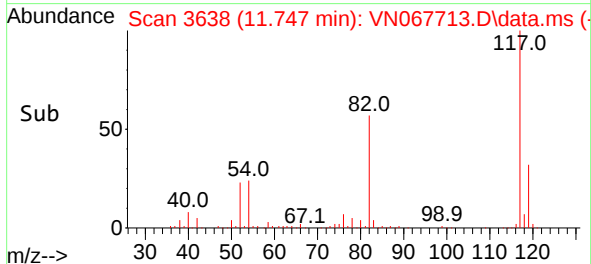
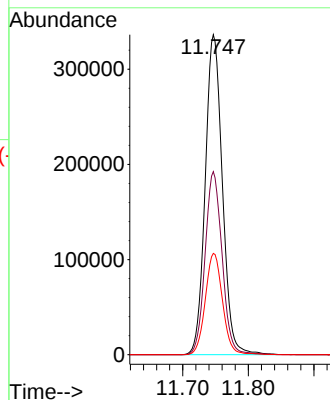
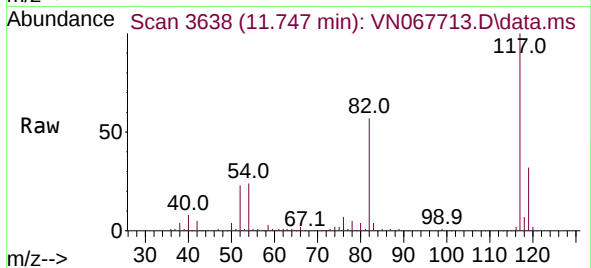




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

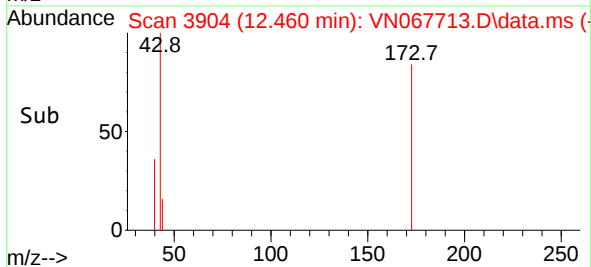
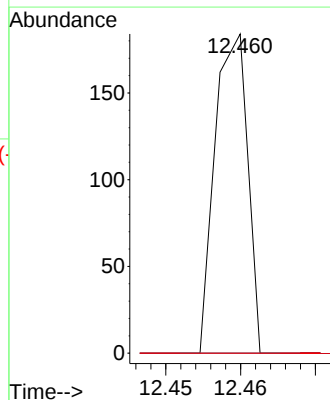
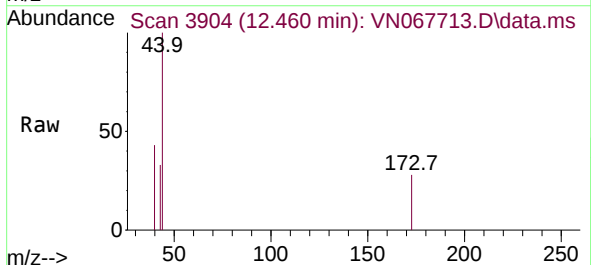
Instrument :
MSVOA_N
ClientSampleId :
IBLK

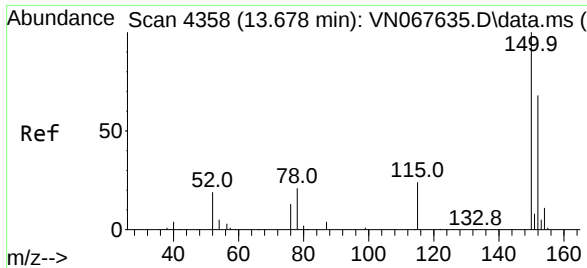
Tgt Ion:117 Resp: 612193
Ion Ratio Lower Upper
117 100
82 57.2 53.1 79.7
119 31.6 25.5 38.3



#71
Bromoform
Concen: 3.189 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion:173 Resp: 56
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0

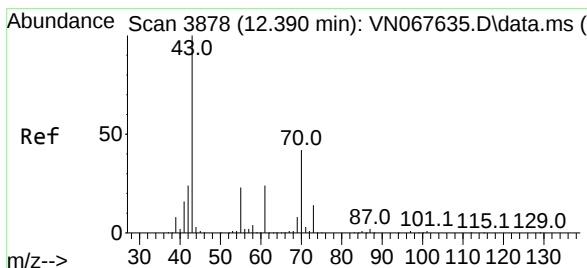
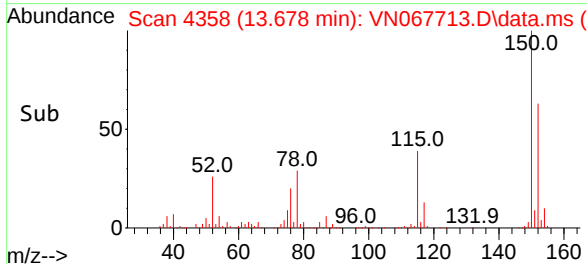
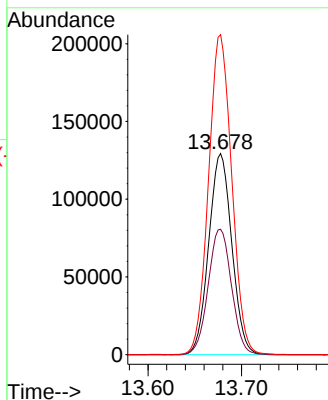
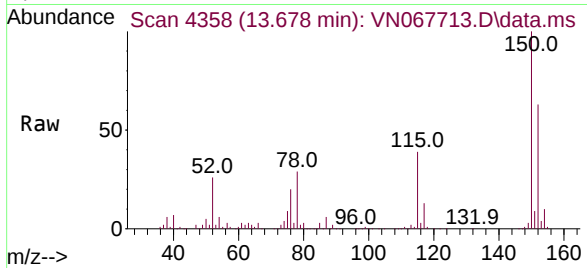




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

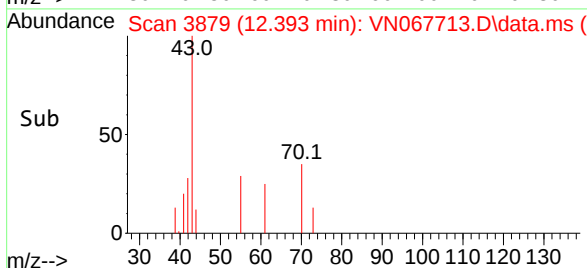
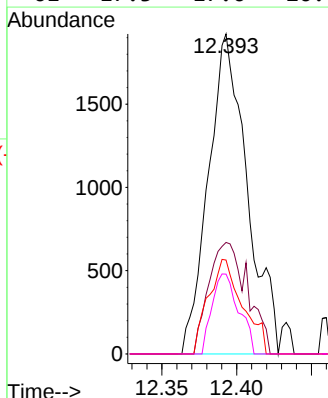
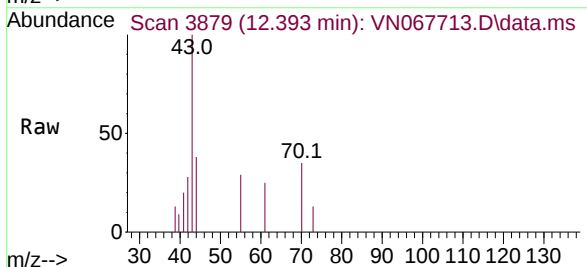
Instrument :
MSVOA_N
ClientSampleId :
IBLK

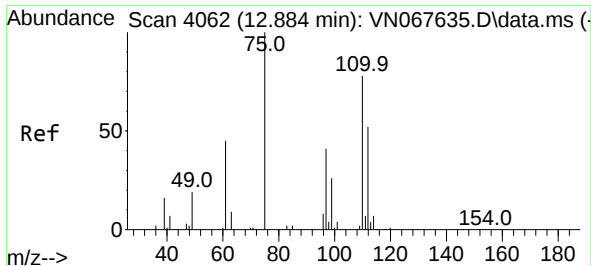
Tgt Ion:152 Resp: 222356
Ion Ratio Lower Upper
152 100
115 63.0 36.1 108.5
150 159.8 0.0 351.8



#74
N-ethyl acetate
Concen: 0.531 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 43 Resp: 3457
Ion Ratio Lower Upper
43 100
70 35.0 29.4 44.2
55 26.1 17.0 25.4#
61 17.3 17.6 26.4#

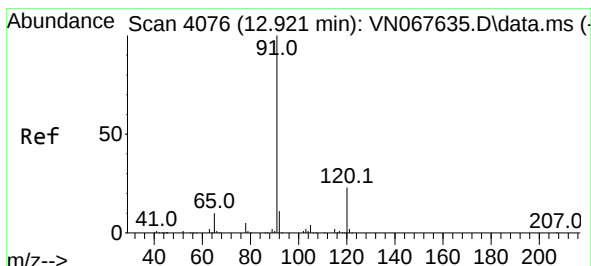
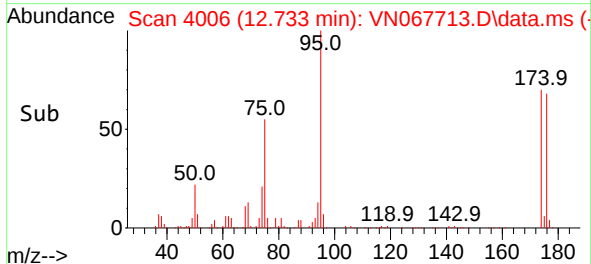
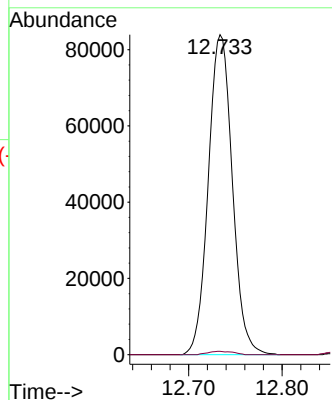
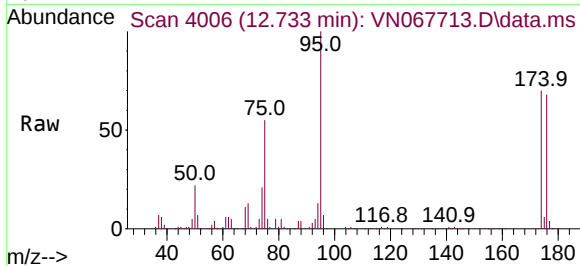




#76
1,2,3-Trichloropropane
Concen: 33.000 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

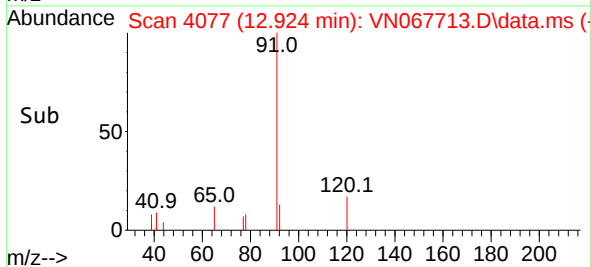
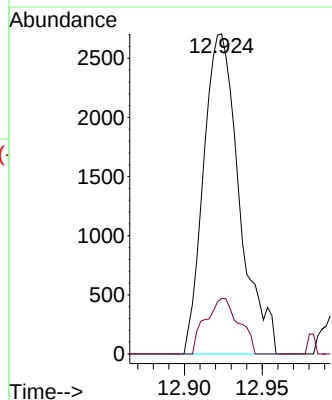
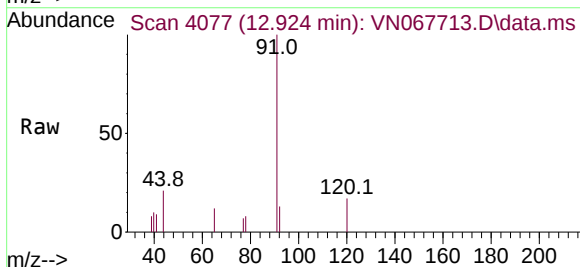
Instrument :
MSVOA_N
ClientSampled :
IBLK

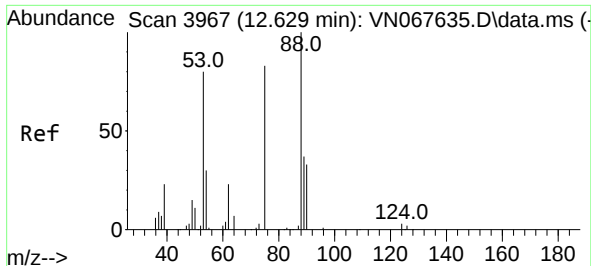
Tgt Ion: 75 Resp: 149849
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#78
n-propylbenzene
Concen: 0.213 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 91 Resp: 4328
Ion Ratio Lower Upper
91 100
120 16.2 10.4 31.4

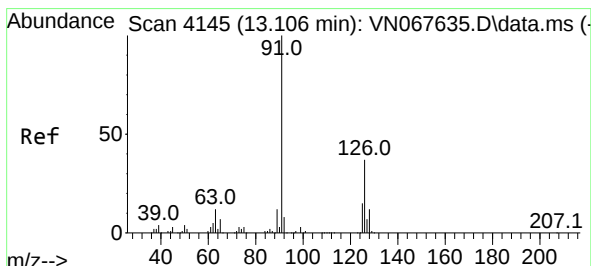
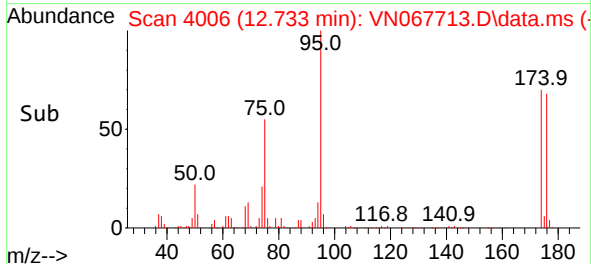
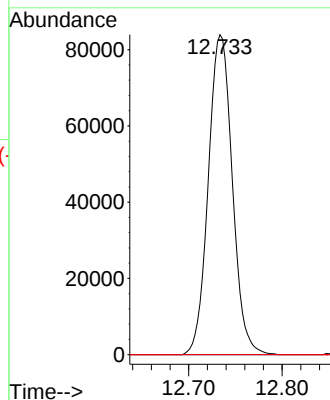
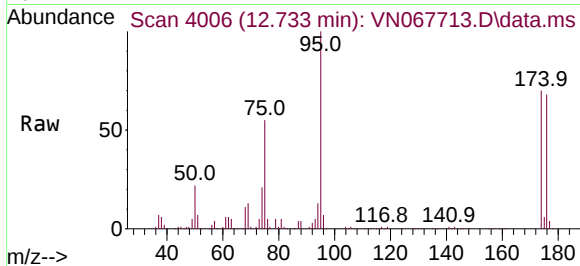




#81
trans-1,4-Dichloro-2-butene
Concen: 106.395 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

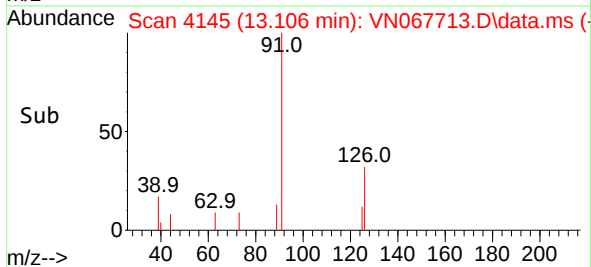
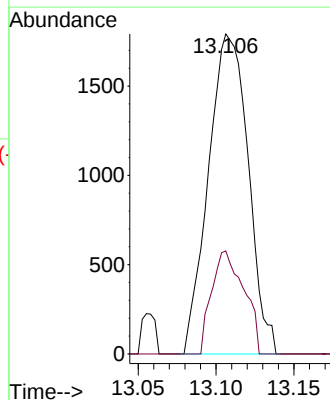
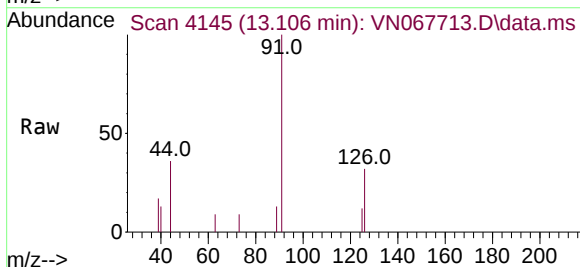
Instrument :
MSVOA_N
ClientSampled :
IBLK

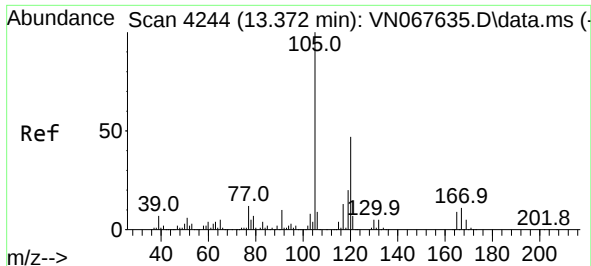
Tgt Ion: 75 Resp: 149849
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.262 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion: 91 Resp: 3183
Ion Ratio Lower Upper
91 100
126 26.1 14.8 44.4

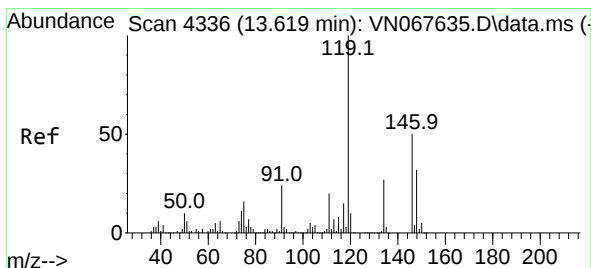
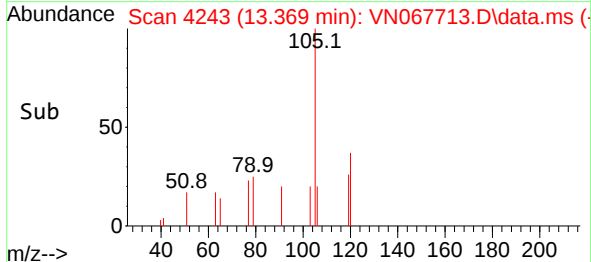
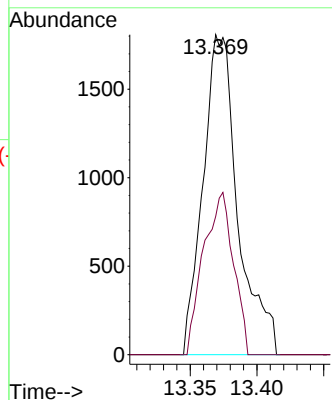
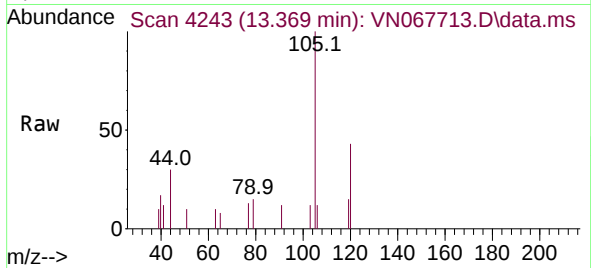




#84
1,2,4-Trimethylbenzene
Concen: 0.231 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

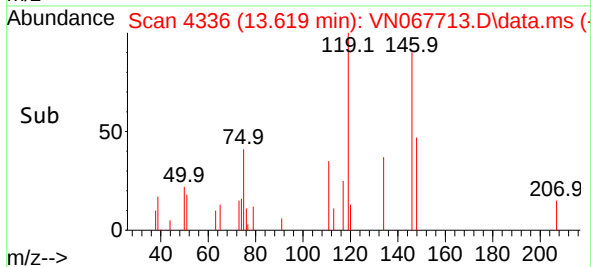
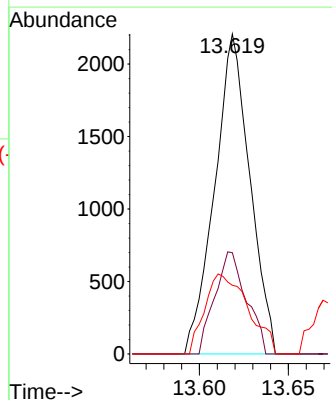
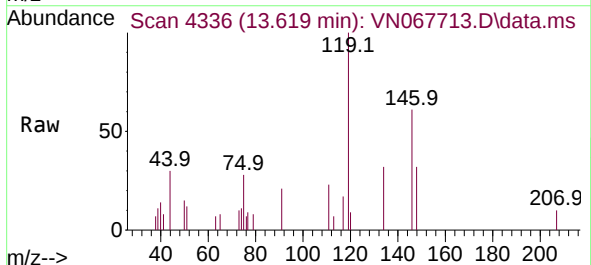
Instrument :
MSVOA_N
ClientSampled :
IBLK

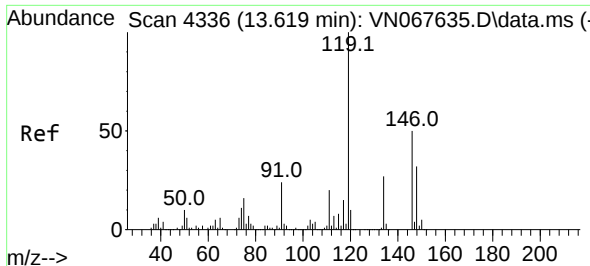
Tgt Ion:105 Resp: 3285
Ion Ratio Lower Upper
105 100
120 43.4 20.6 61.8



#86
p-Isopropyltoluene
Concen: 0.219 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion:119 Resp: 3028
Ion Ratio Lower Upper
119 100
134 28.7 12.4 37.4
91 30.8 14.8 44.3





#87

1,3-Dichlorobenzene

Concen: 0.328 ug/l

RT: 13.619 min Scan# 4336

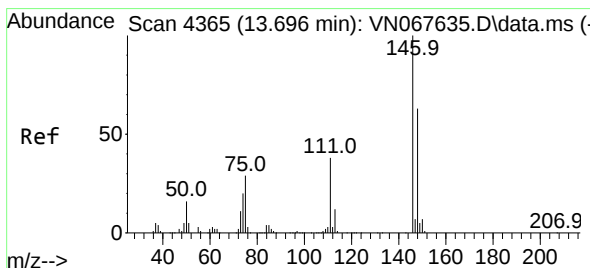
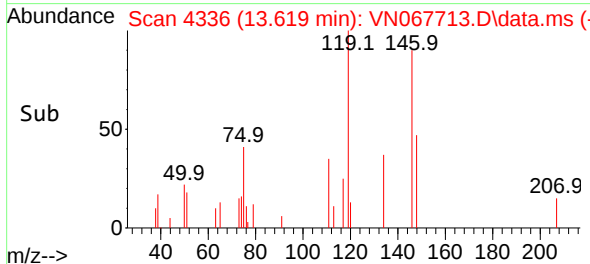
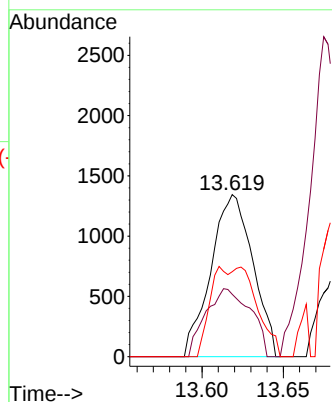
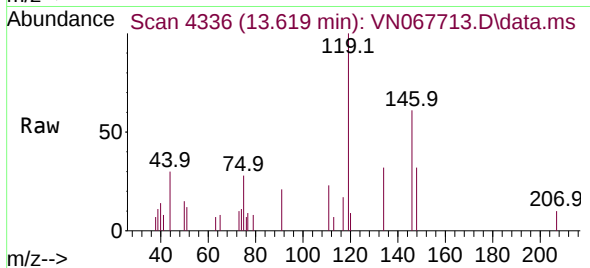
Delta R.T. -0.000 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

Tgt Ion:	146	Resp:	2416
Ion	Ratio	Lower	Upper
146	100		
111	44.6	24.3	72.8
148	25.0	32.0	96.0#

Instrument :
MSVOA_N
ClientSampled :
IBLK



#88

1,4-Dichlorobenzene

Concen: 0.475 ug/l

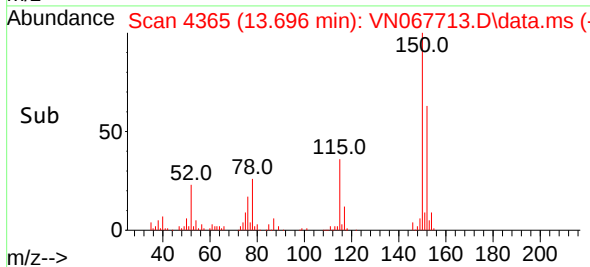
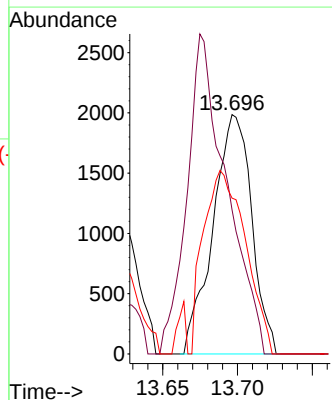
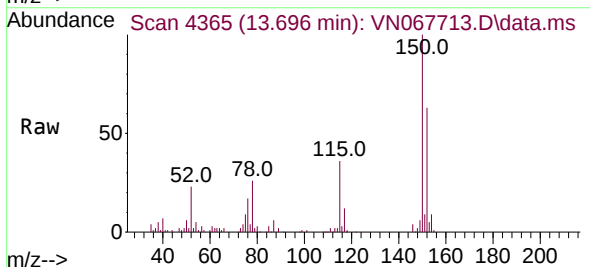
RT: 13.696 min Scan# 4365

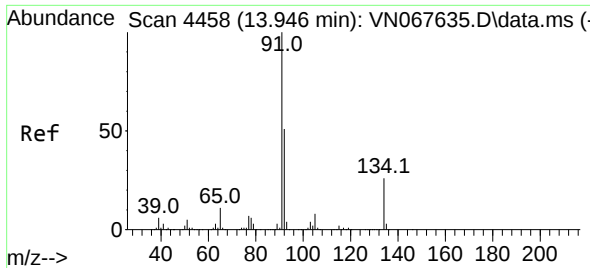
Delta R.T. 0.000 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

Tgt Ion:	146	Resp:	3585
Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.2#
148	83.3	31.8	95.3

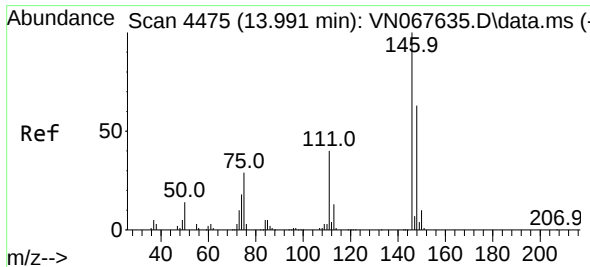
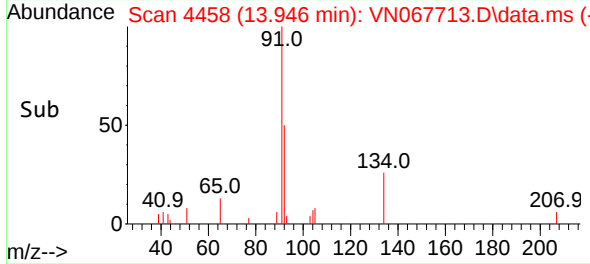
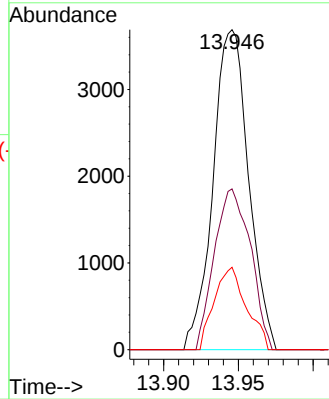
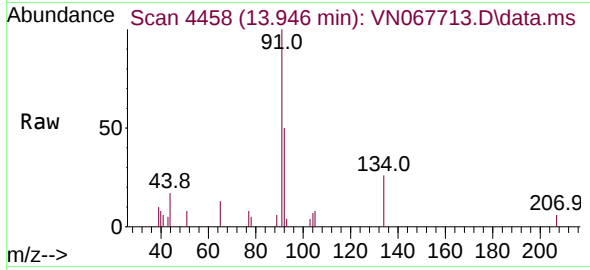




#89
n-Butylbenzene
Concen: 0.514 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

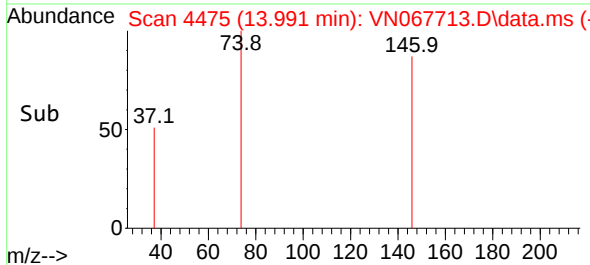
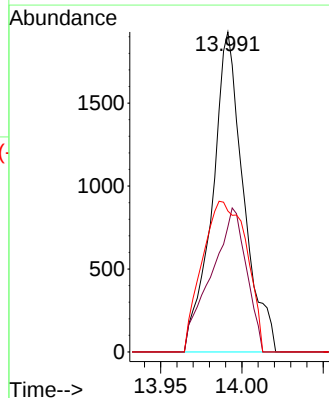
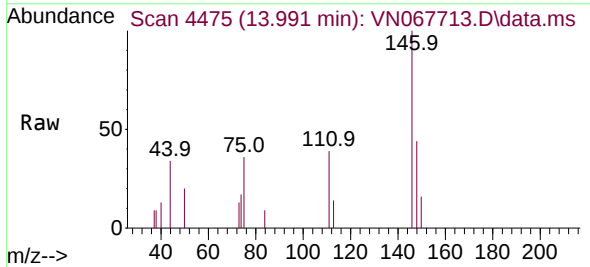
Instrument :
MSVOA_N
ClientSampled :
IBLK

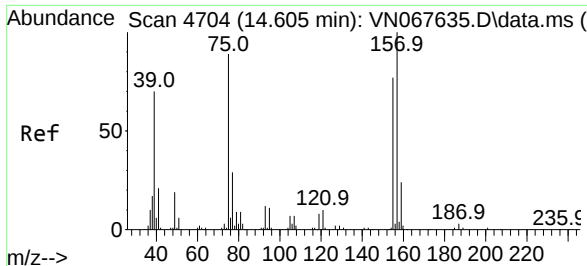
Tgt Ion:	91	Resp:	6105
Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.7	77.1
134	23.3	11.2	33.6



#91
1,2-Dichlorobenzene
Concen: 0.361 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion:	146	Resp:	2569
Ion	Ratio	Lower	Upper
146	100		
111	50.8	24.9	74.6
148	67.0	31.6	95.0

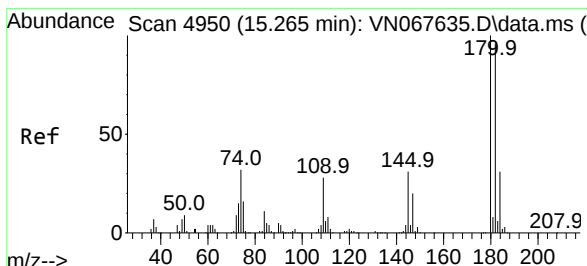
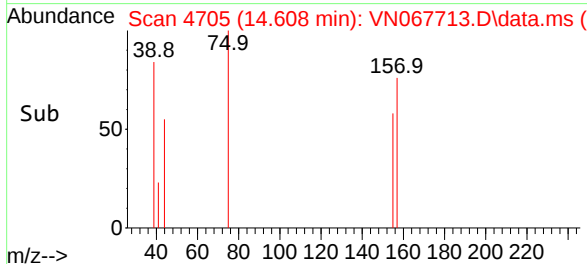
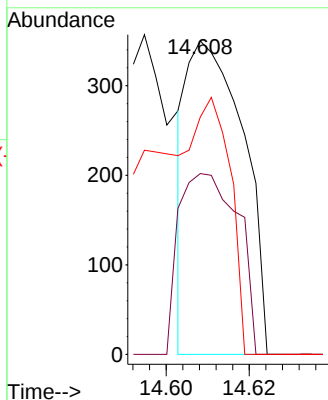
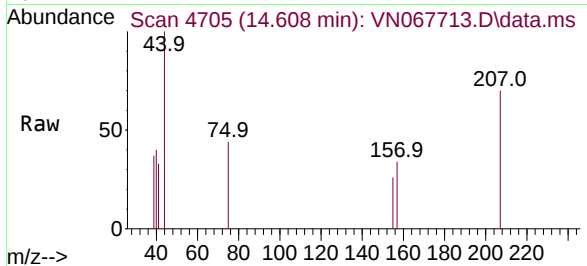




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.364 ug/l
 RT: 14.608 min Scan# 4705
 Delta R.T. 0.003 min
 Lab File: VN067713.D
 Acq: 13 Jul 2021 13:11

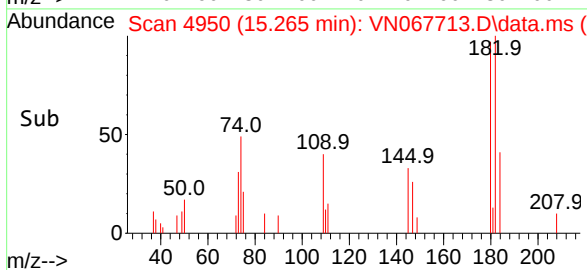
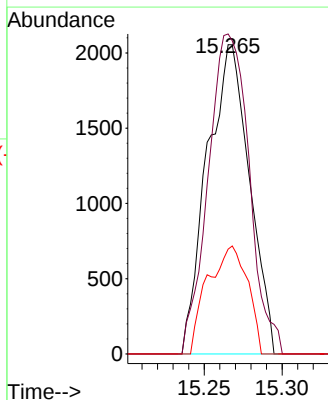
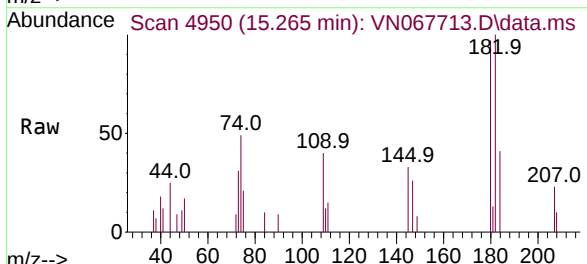
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

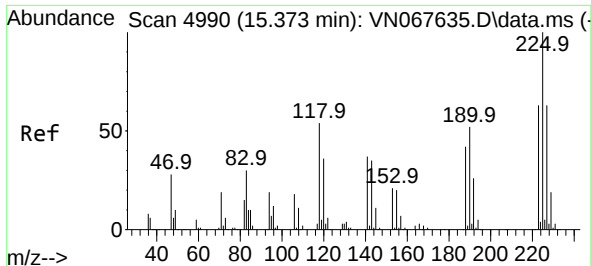
Tgt Ion: 75 Resp: 329
 Ion Ratio Lower Upper
 75 100
 155 60.8 29.8 89.5
 157 0.0 37.6 112.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.667 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN067713.D
 Acq: 13 Jul 2021 13:11

Tgt Ion: 180 Resp: 3884
 Ion Ratio Lower Upper
 180 100
 182 100.3 47.5 142.5
 145 32.8 17.2 51.6

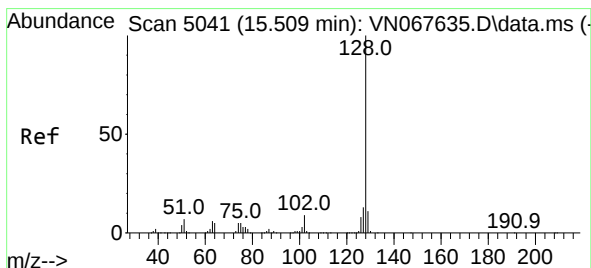
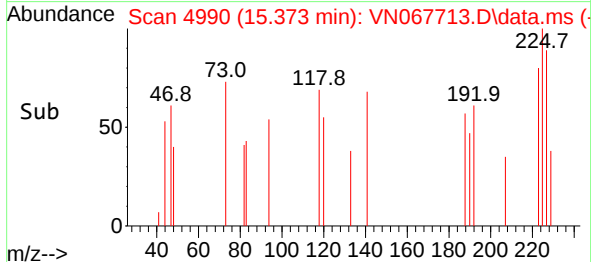
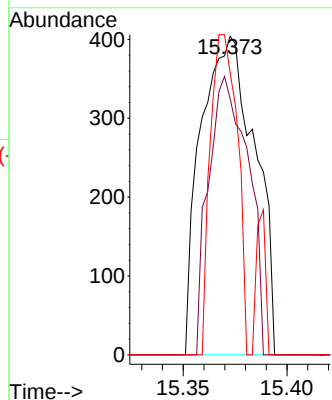
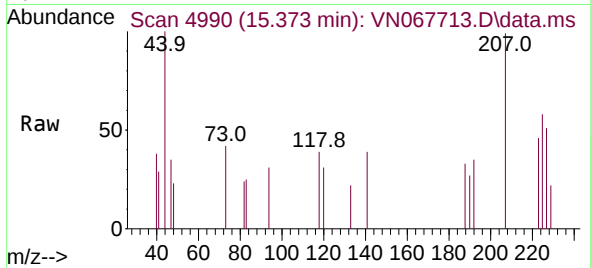




#94
Hexachlorobutadiene
Concen: 0.488 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

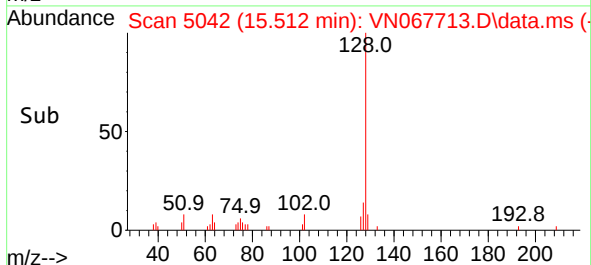
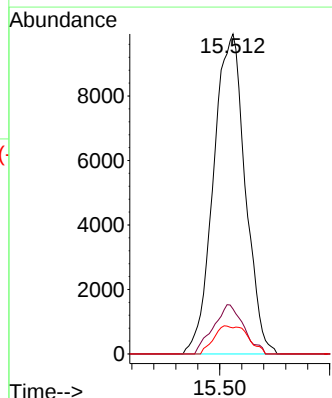
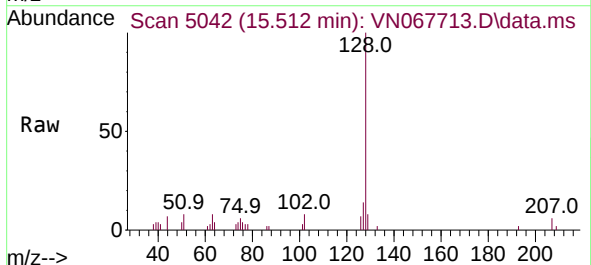
Instrument :
MSVOA_N
ClientSampled :
IBLK

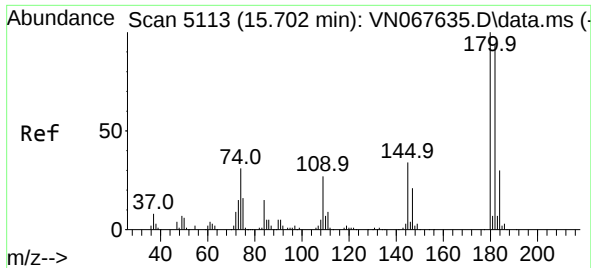
Tgt Ion:225 Resp: 729
Ion Ratio Lower Upper
225 100
223 64.3 31.4 94.0
227 50.1 31.2 93.6



#95
Naphthalene
Concen: 4.728 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067713.D
Acq: 13 Jul 2021 13:11

Tgt Ion:128 Resp: 19875
Ion Ratio Lower Upper
128 100
127 14.7 10.6 15.8
129 5.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.026 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN067713.D
 Acq: 13 Jul 2021 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	5221
Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.8	143.3
145	31.3	18.2	54.6

