

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067499.D
 Acq On : 25 Jun 2021 13:07
 Operator : JC/MD
 Sample : VN0625WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 00:24:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	198580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	449164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	404136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	130340	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	222272	54.69	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.38%
35) Dibromofluoromethane	8.024	113	142011	51.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.64%
50) Toluene-d8	10.443	98	621024	52.62	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.24%
62) 4-Bromofluorobenzene	12.733	95	212127	50.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.90%

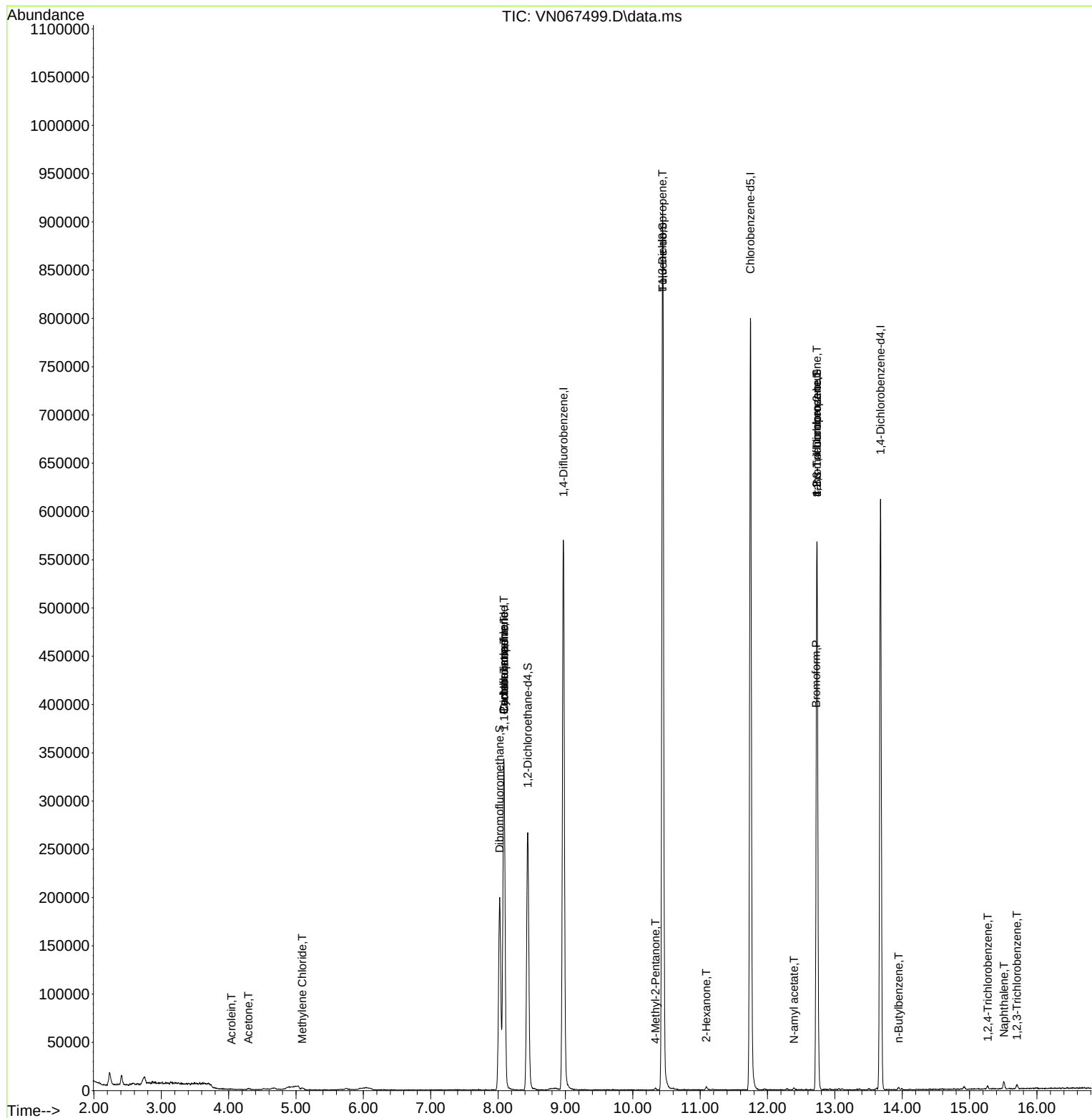
Target Compounds						Qvalue
13) Acrolein	4.041	56	385	0.68	ug/l	97
16) Acetone	4.293	43	873	0.56	ug/l #	48
20) Methylene Chloride	5.093	84	1214	0.33	ug/l #	56
31) Cyclohexane	8.086	56	8512	1.31	ug/l #	24
36) 1,1-Dichloropropene	8.091	75	26701	5.28	ug/l #	51
38) Carbon Tetrachloride	8.086	117	26892	6.24	ug/l #	16
51) 4-Methyl-2-Pentanone	10.339	43	1660	0.31	ug/l #	75
53) t-1,3-Dichloropropene	10.440	75	56	2.01	ug/l #	85
59) 2-Hexanone	11.092	43	2705	0.71	ug/l	92
71) Bromoform	12.723	173	291	2.78	ug/l #	29
74) N-amyl acetate	12.393	43	1350	0.21	ug/l #	76
76) 1,2,3-Trichloropropane	12.733	75	124646	32.49	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	124646	88.91	ug/l #	6
89) n-Butylbenzene	13.948	91	2123	0.22	ug/l #	77
93) 1,2,4-Trichlorobenzene	15.271	180	924	2.73	ug/l	96
95) Naphthalene	15.509	128	6044	4.11	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.702	180	1324	3.13	ug/l	95

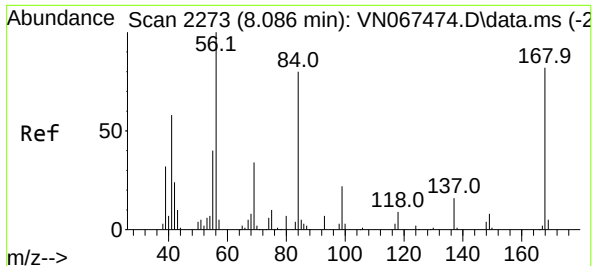
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
Data File : VN067499.D
Acq On : 25 Jun 2021 13:07
Operator : JC/MD
Sample : VN0625WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jun 26 00:24:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 12:18:45 2021
Response via : Initial Calibration

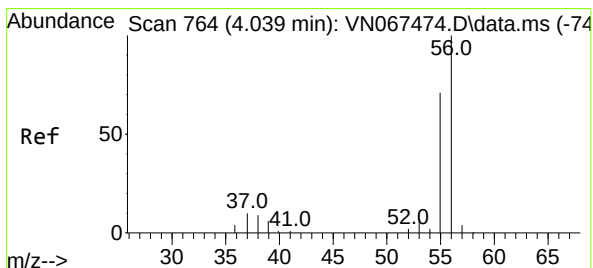
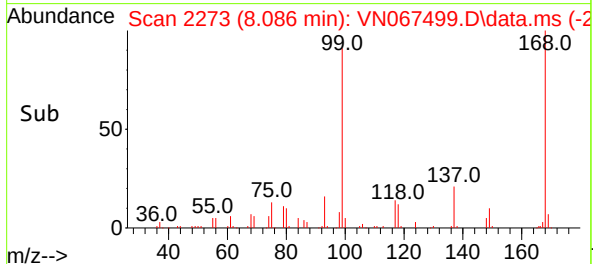
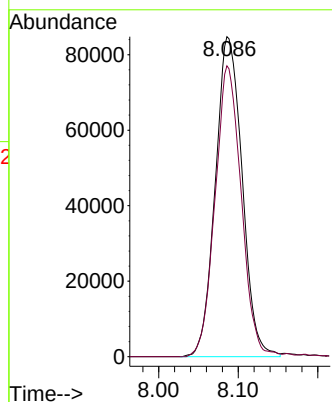
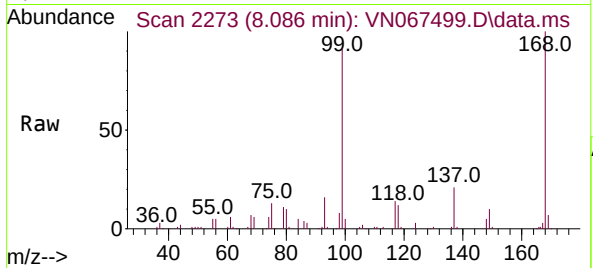




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

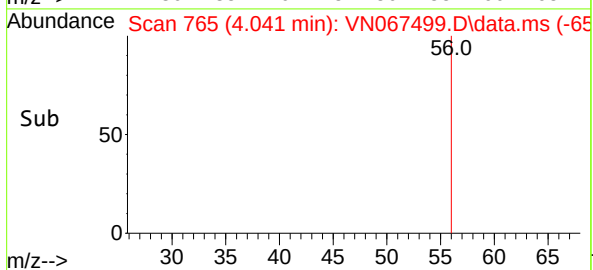
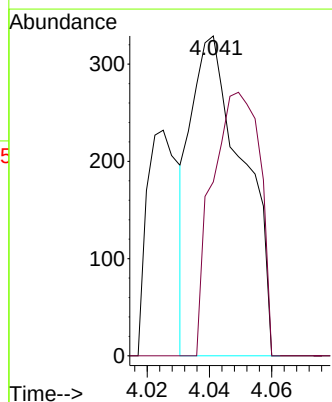
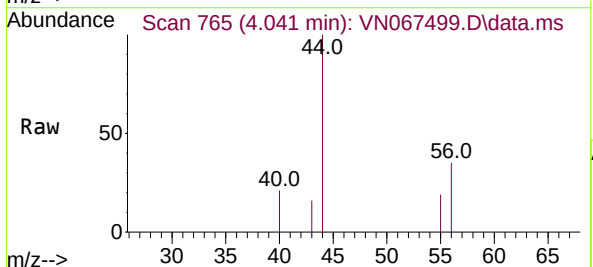
Instrument :
MSVOA_N
ClientSampled :

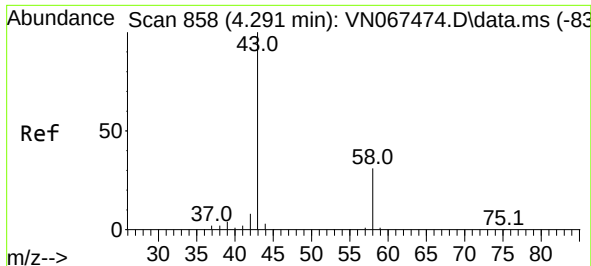
Tgt Ion:168 Resp: 198580
Ion Ratio Lower Upper
168 100
99 90.9 62.9 94.3



#13
Acrolein
Concen: 0.68 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

Tgt Ion: 56 Resp: 385
Ion Ratio Lower Upper
56 100
55 74.5 57.4 86.0

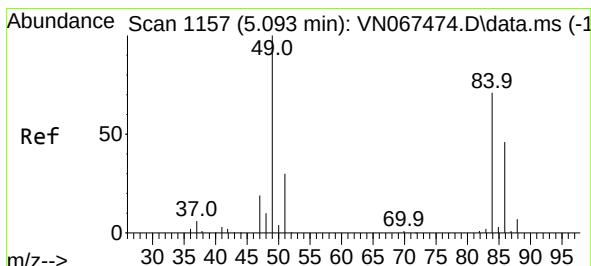
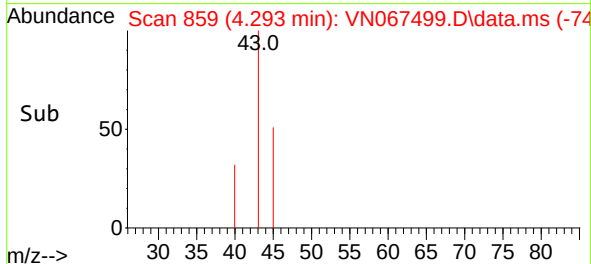
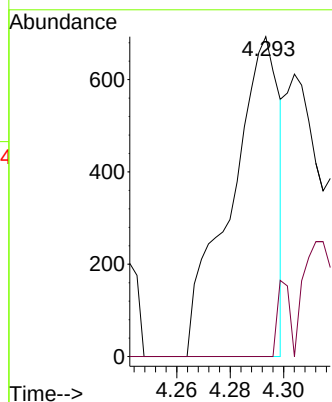
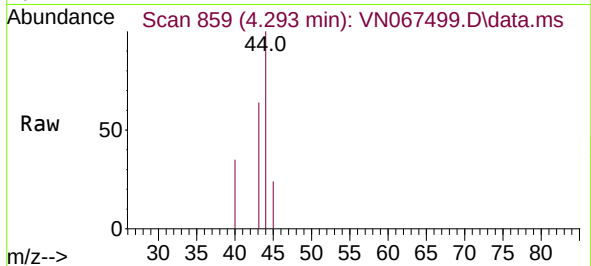




#16
Acetone
Concen: 0.56 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

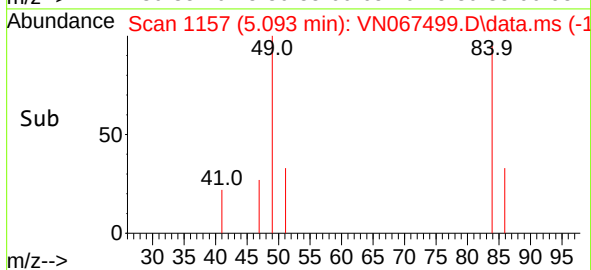
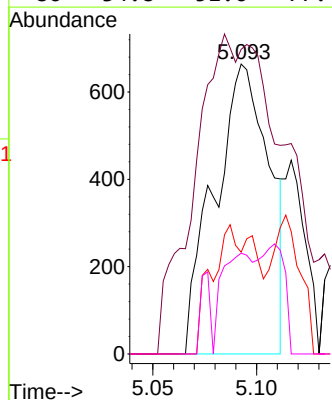
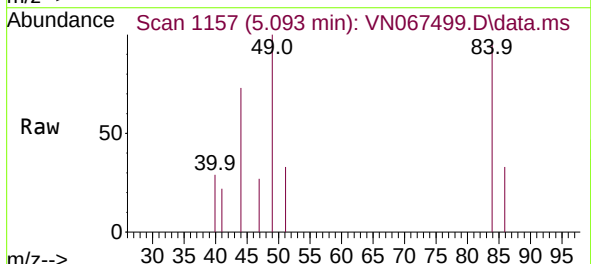
Instrument :
MSVOA_N
ClientSampleId :

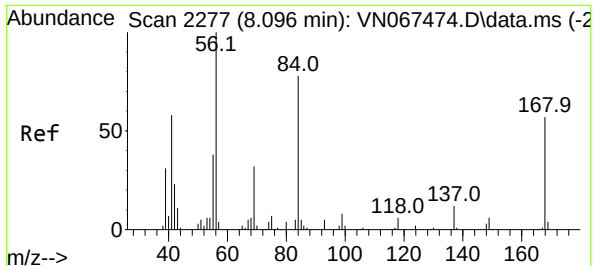
Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

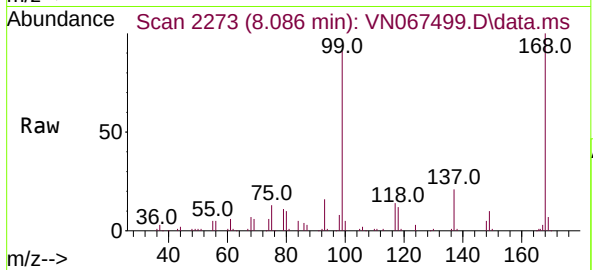
Tgt Ion: 84 Resp: 1214
Ion Ratio Lower Upper
84 100
49 68.7 110.9 166.3#
51 35.1 32.6 49.0
86 34.8 51.6 77.4#



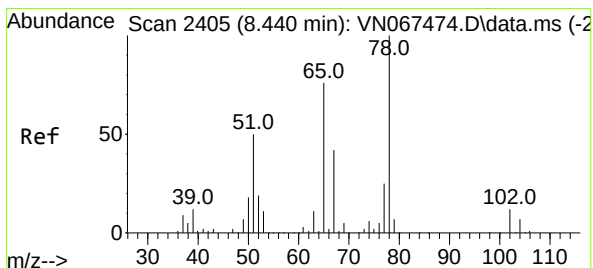
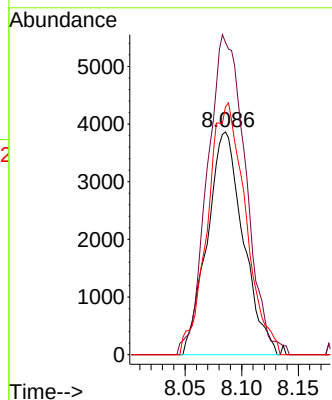
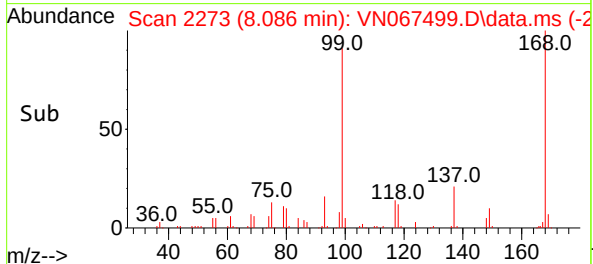


#31
Cyclohexane
Concen: 1.31 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

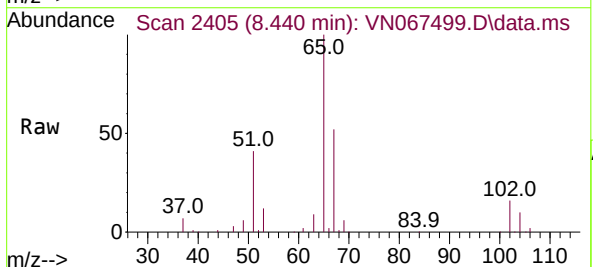
Instrument :
MSVOA_N
ClientSampleId :



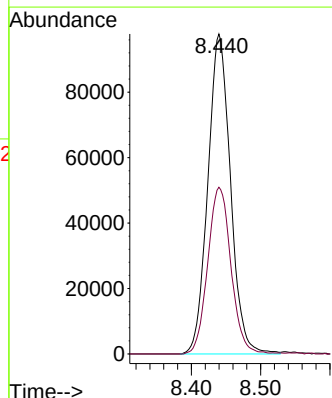
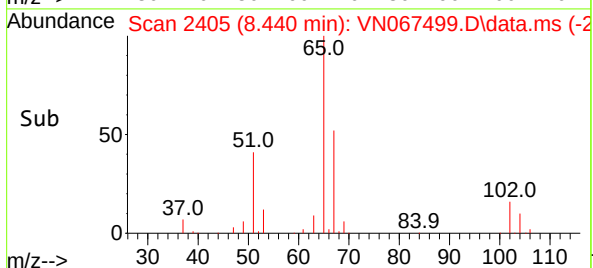
Tgt Ion: 56 Resp: 8512
Ion Ratio Lower Upper
56 100
69 135.2 27.3 40.9#
84 111.3 64.9 97.3#

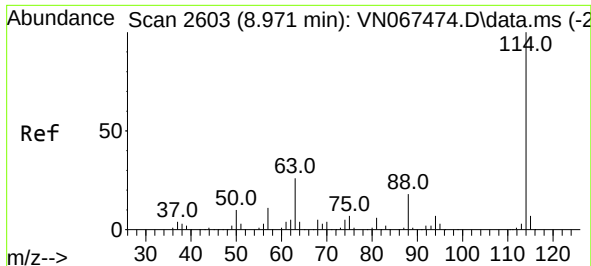


#33
1,2-Dichloroethane-d4
Concen: 54.69 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07



Tgt Ion: 65 Resp: 222272
Ion Ratio Lower Upper
65 100
67 53.3 0.0 98.6

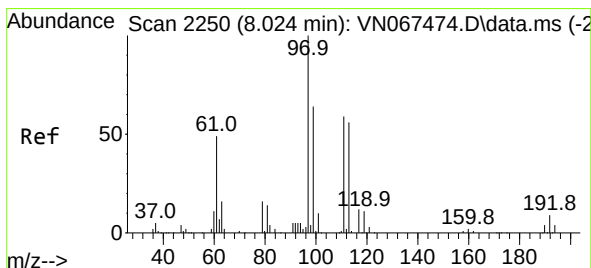
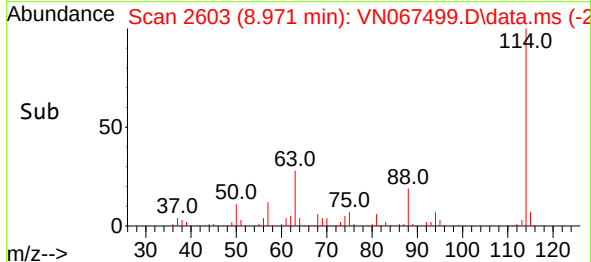
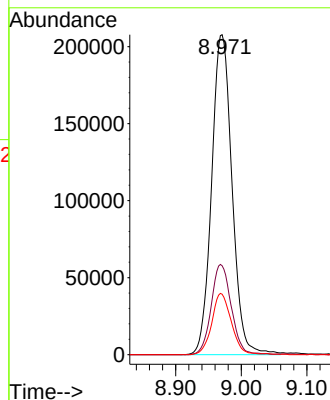
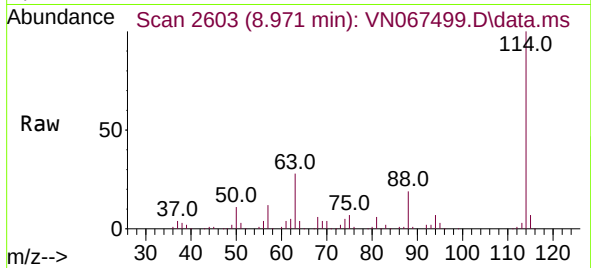




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

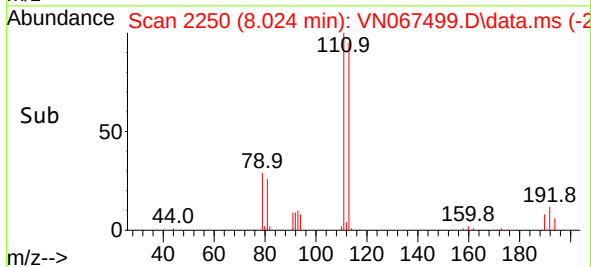
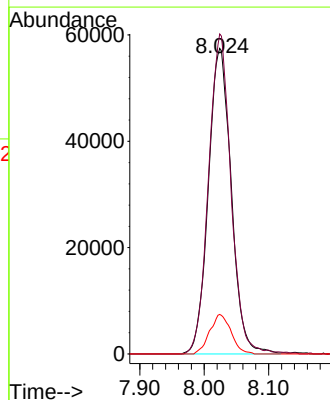
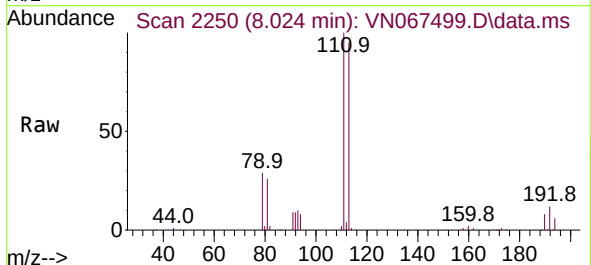
Instrument :
MSVOA_N
ClientSampled :

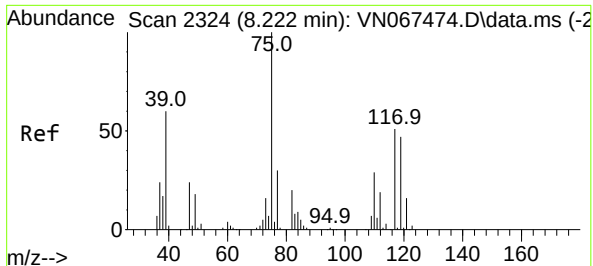
Tgt Ion:114 Resp: 449164
Ion Ratio Lower Upper
114 100
63 27.8 0.0 49.0
88 18.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.32 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

Tgt Ion:113 Resp: 142011
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.8
192 12.0 13.4 20.0#





#36

1,1-Dichloropropene

Concen: 5.28 ug/l

RT: 8.091 min Scan# 2275

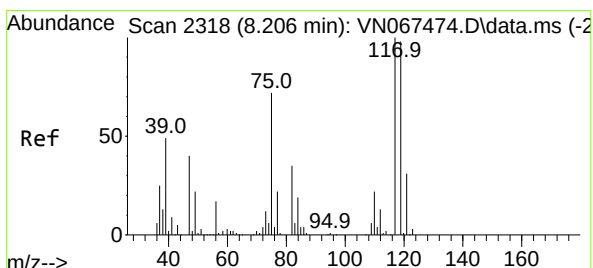
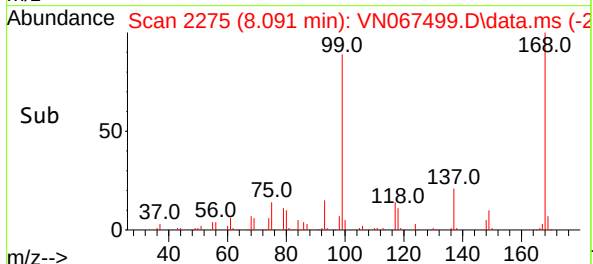
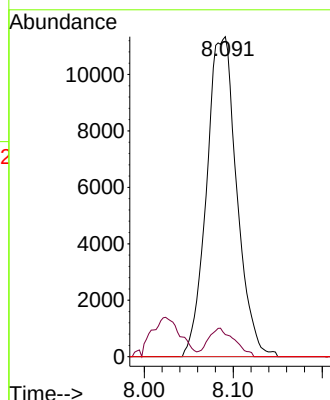
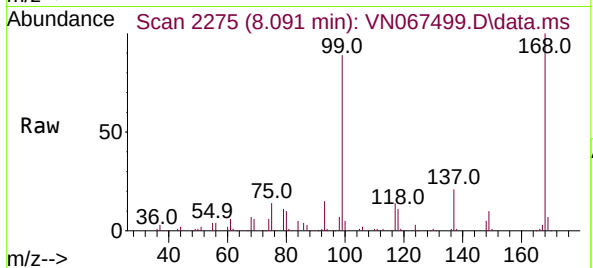
Delta R.T. -0.131 min

Lab File: VN067499.D

Acq: 25 Jun 2021 13:07

Tgt Ion:	75	Resp:	26701
Ion	Ratio	Lower	Upper
75	100		
110	7.8	15.7	47.0#
77	0.0	24.6	37.0#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.24 ug/l

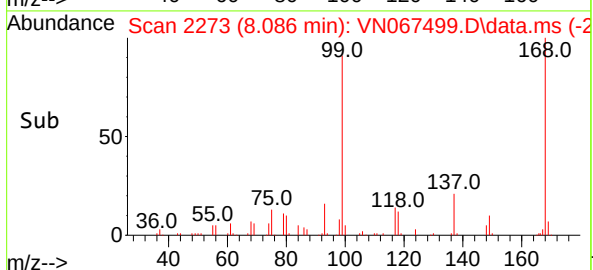
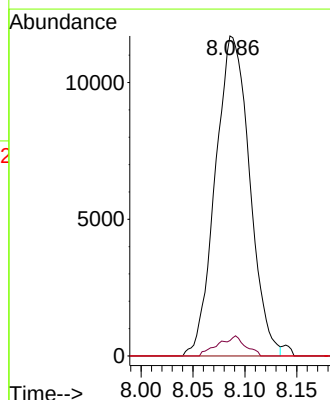
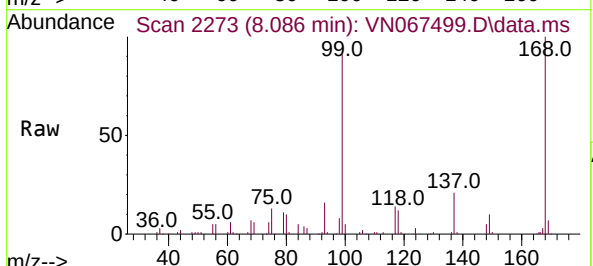
RT: 8.086 min Scan# 2273

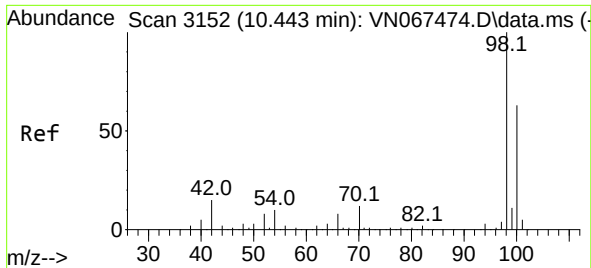
Delta R.T. -0.120 min

Lab File: VN067499.D

Acq: 25 Jun 2021 13:07

Tgt Ion:	117	Resp:	26892
Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.4	113.2#
121	0.0	23.5	35.3#

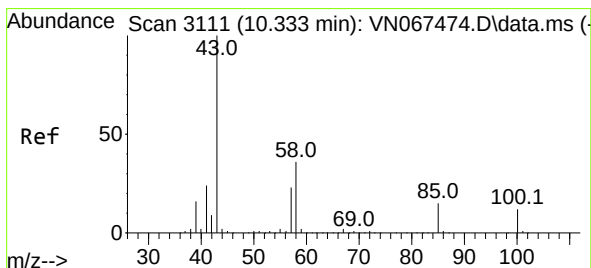
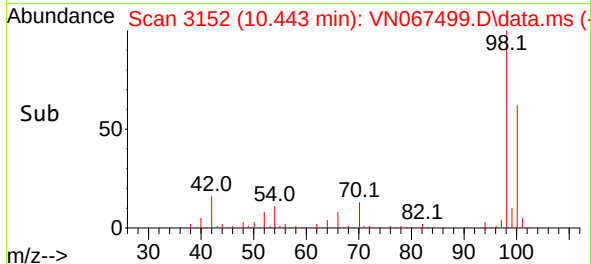
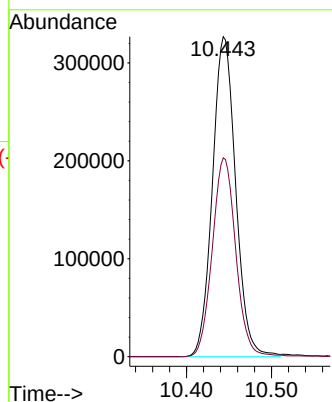
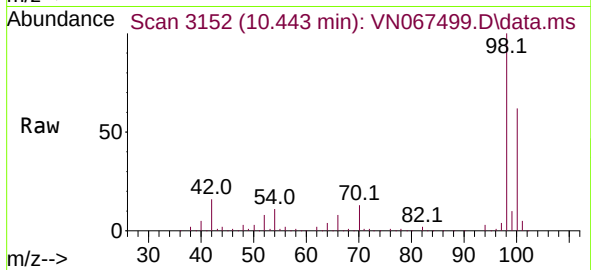




#50
Toluene-d8
Concen: 52.62 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

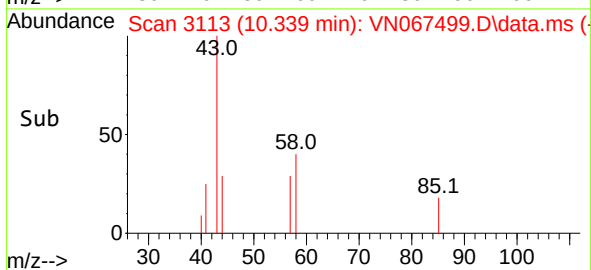
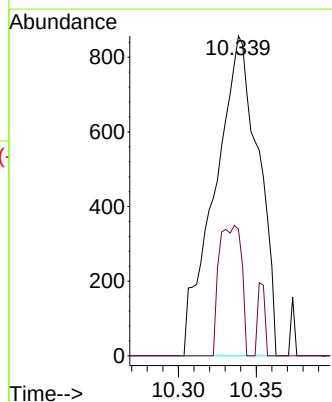
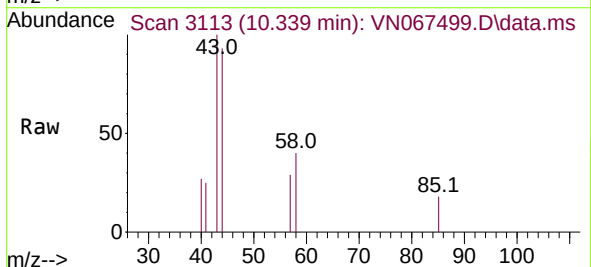
Instrument :
MSVOA_N
ClientSampled :

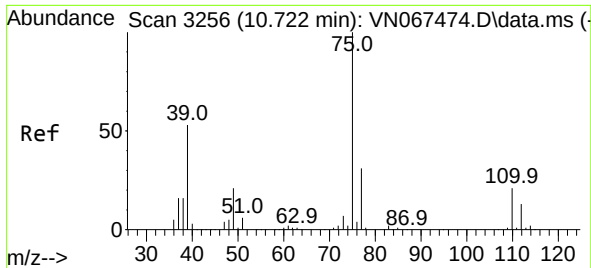
Tgt Ion: 98 Resp: 621024
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.31 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

Tgt Ion: 43 Resp: 1660
Ion Ratio Lower Upper
43 100
58 21.0 28.6 43.0#

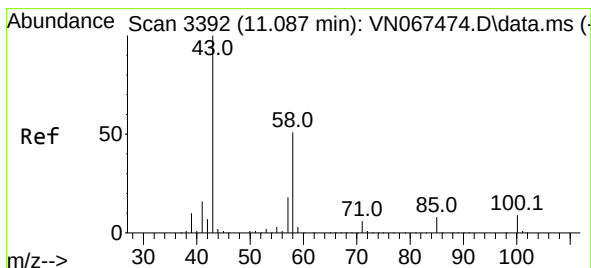
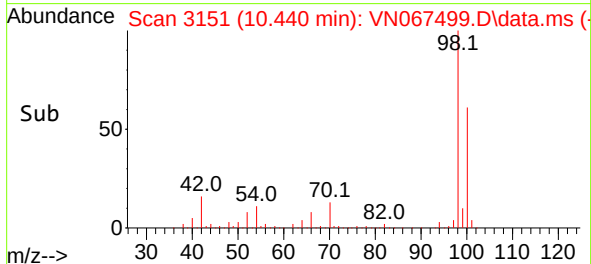
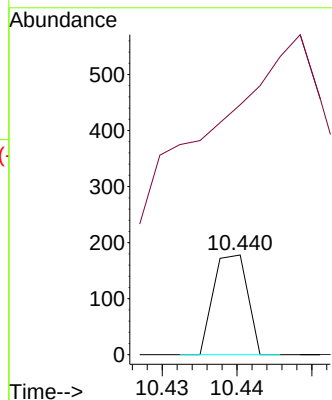
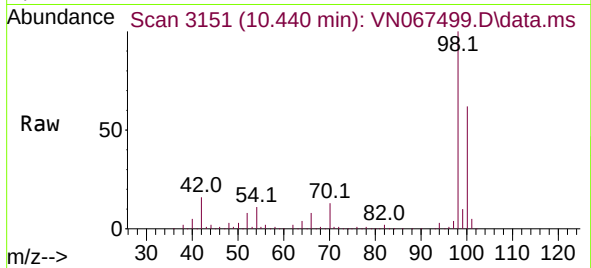




#53
t-1,3-Dichloropropene
Concen: 2.01 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.282 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

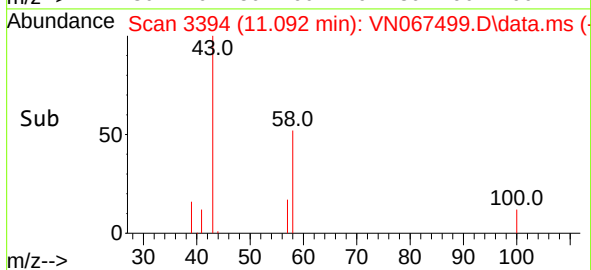
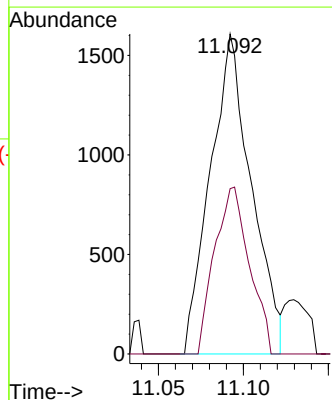
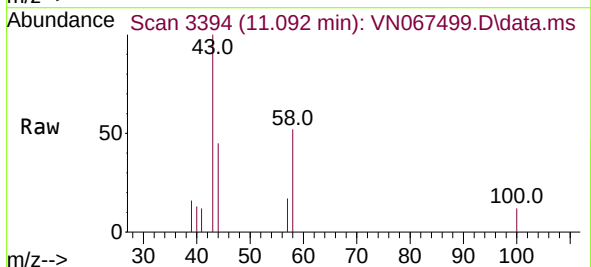
Instrument :
MSVOA_N
ClientSampled :

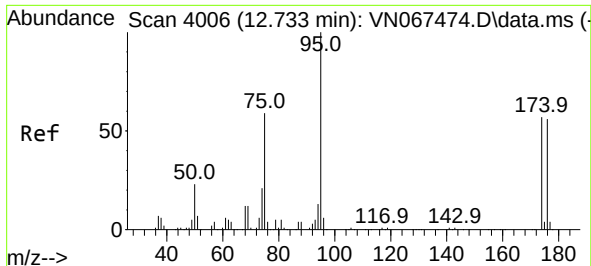
Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
77 39.9 25.1 37.7#



#59
2-Hexanone
Concen: 0.71 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
58 44.2 24.7 74.1

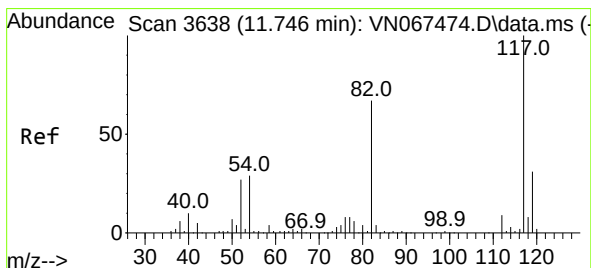
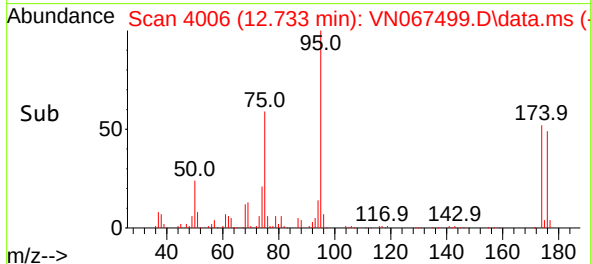
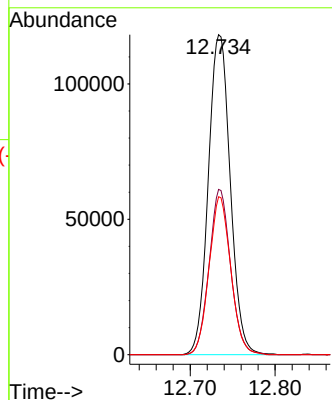
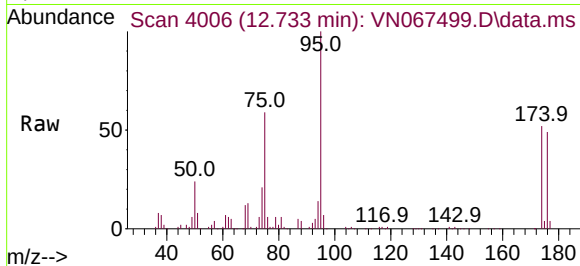




#62
4-Bromofluorobenzene
Concen: 50.45 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

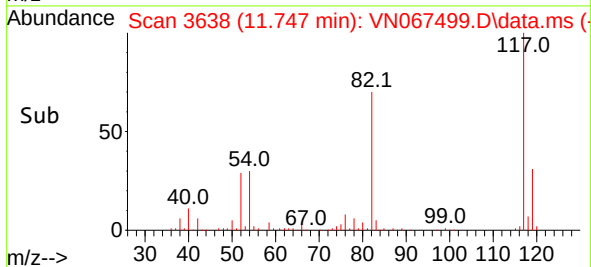
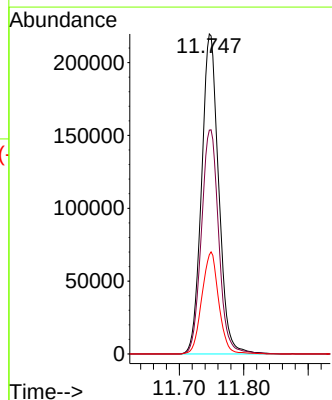
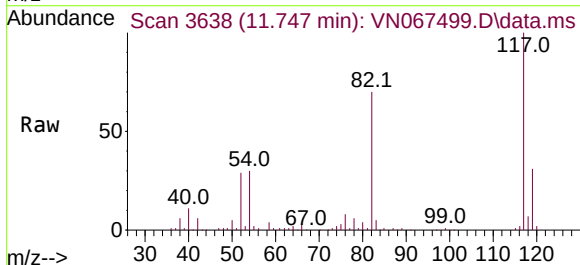
Instrument :
MSVOA_N
ClientSampled :

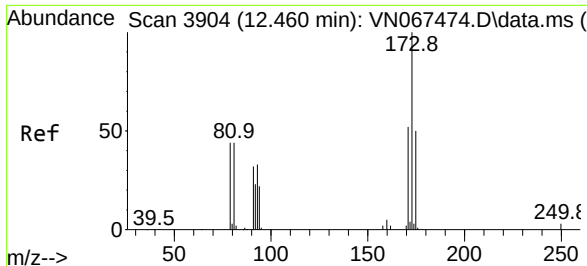
Tgt Ion: 95 Resp: 212127
Ion Ratio Lower Upper
95 100
174 50.6 0.0 122.0
176 48.8 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

Tgt Ion: 117 Resp: 404136
Ion Ratio Lower Upper
117 100
82 70.0 53.1 79.7
119 31.0 25.5 38.3

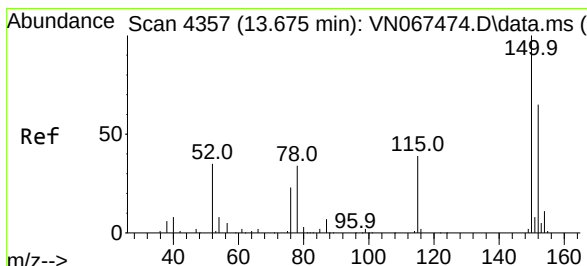
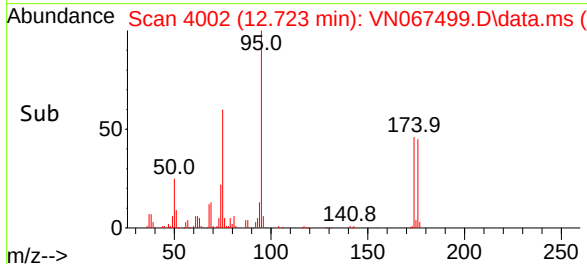
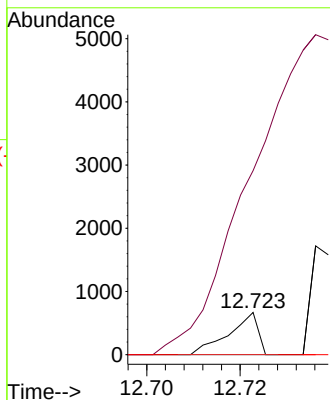
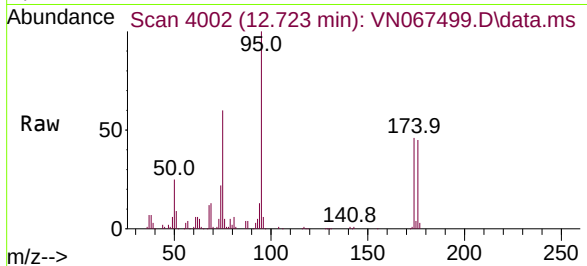




#71
Bromoform
Concen: 2.78 ug/l
RT: 12.723 min Scan# 4002
Delta R.T. 0.263 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

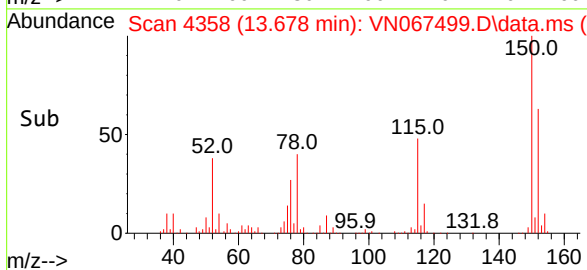
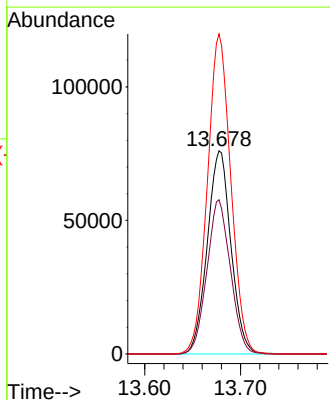
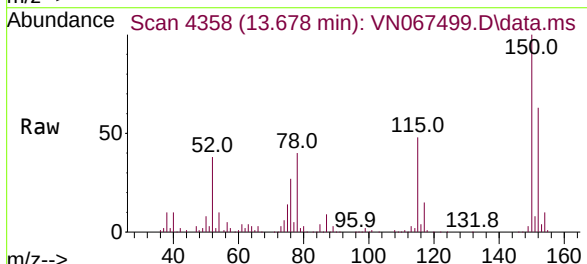
Instrument :
MSVOA_N
ClientSampleId :

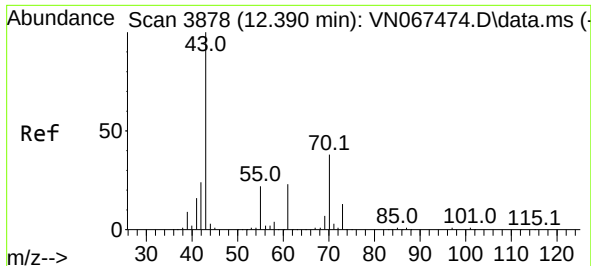
Tgt Ion:173 Resp: 291
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

Tgt Ion:152 Resp: 130340
Ion Ratio Lower Upper
152 100
115 75.3 36.1 108.5
150 155.7 0.0 351.8

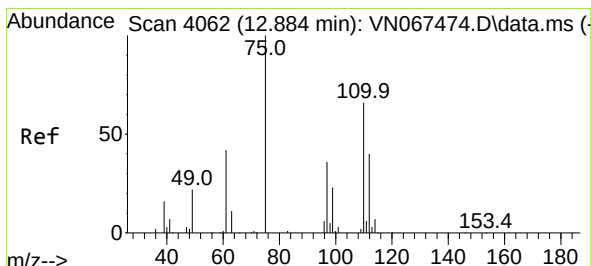
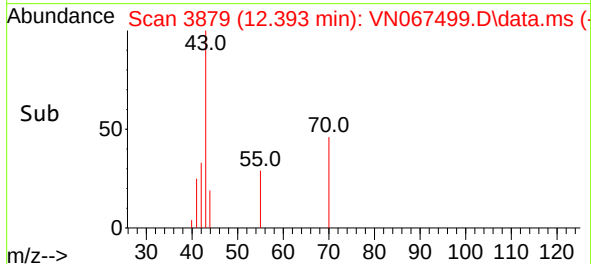
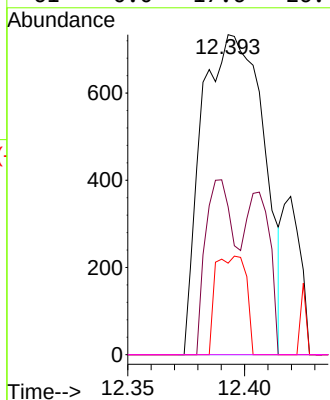
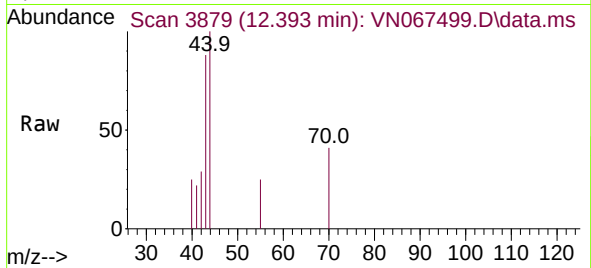




#74
N-amy1 acetate
Concen: 0.21 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

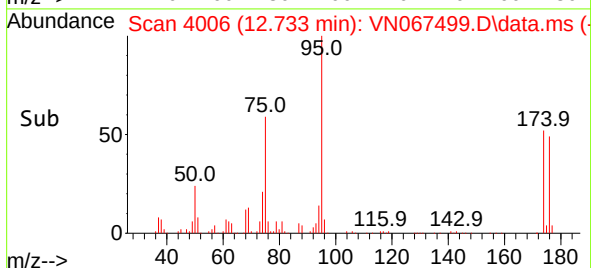
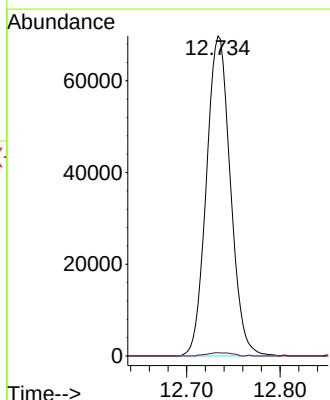
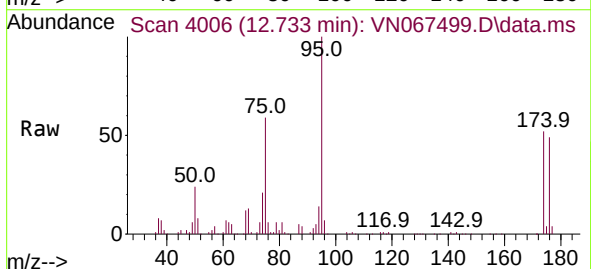
Instrument :
MSVOA_N
ClientSampled :

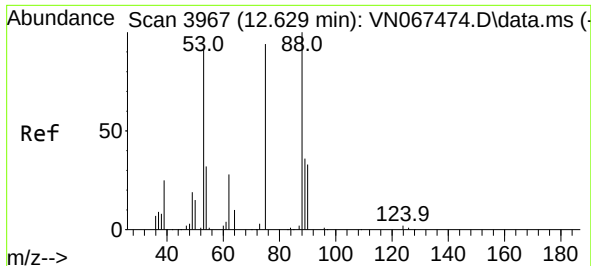
Tgt Ion: 43	Resp: 1350
Ion Ratio	Lower Upper
43 100	
70 26.2	29.4 44.2#
55 15.1	17.0 25.4#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 32.49 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

Tgt Ion: 75	Resp: 124646
Ion Ratio	Lower Upper
75 100	
77 1.1	0.0 0.0#

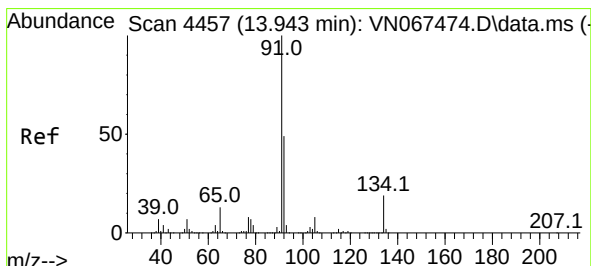
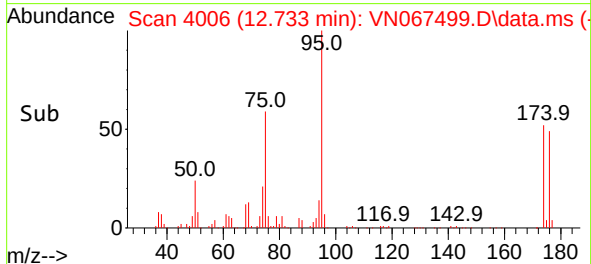
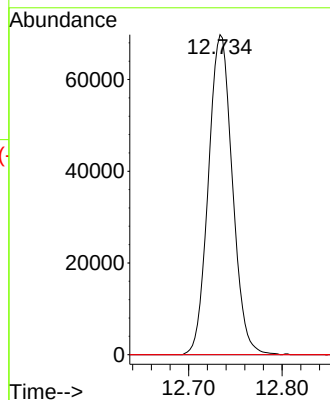
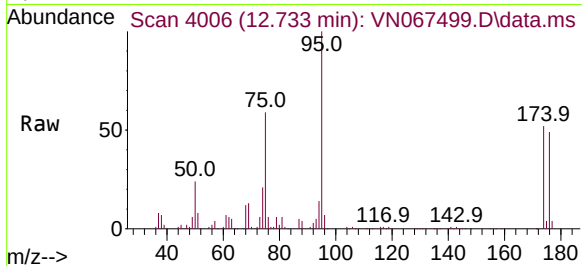




#81
trans-1,4-Dichloro-2-butene
Concen: 88.91 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

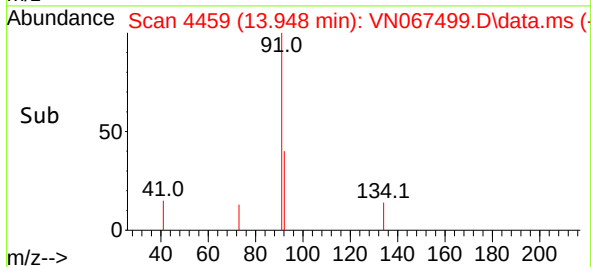
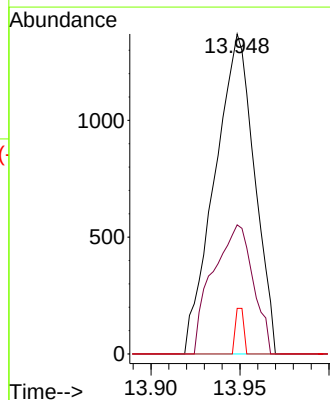
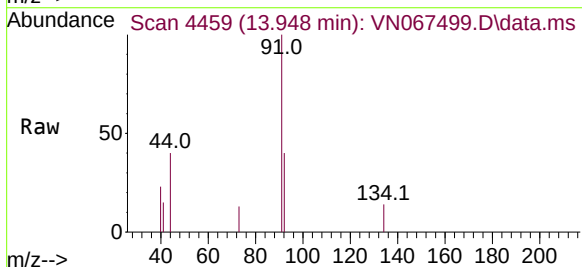
Instrument :
MSVOA_N
ClientSampled :

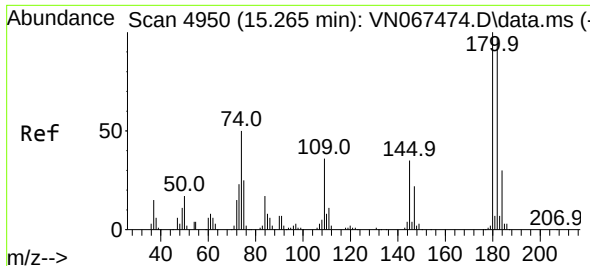
Tgt Ion: 75 Resp: 124646
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.005 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

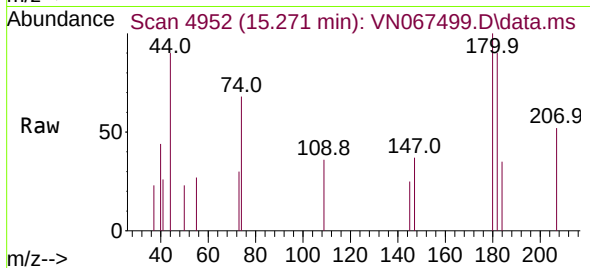
Tgt Ion: 91 Resp: 2123
Ion Ratio Lower Upper
91 100
92 40.9 25.7 77.1
134 3.0 11.2 33.6#



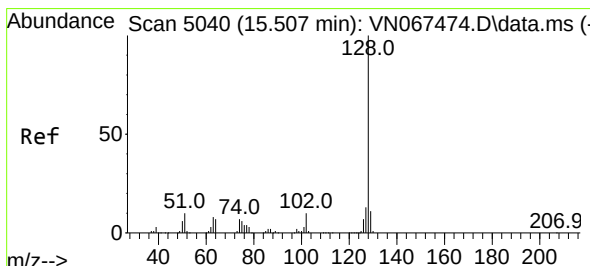
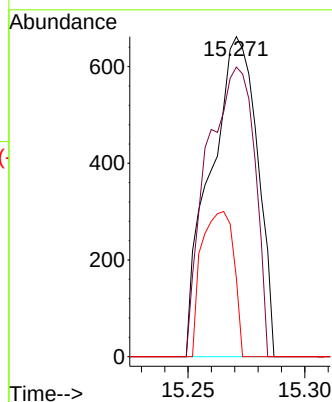
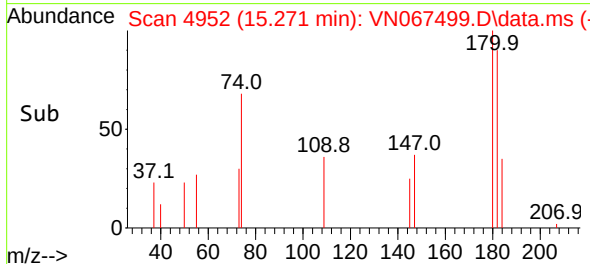


#93
1,2,4-Trichlorobenzene
Concen: 2.73 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07

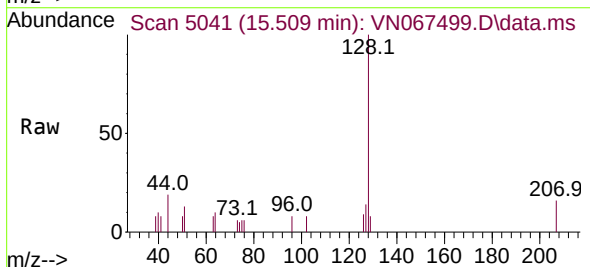
Instrument :
MSVOA_N
ClientSampled :



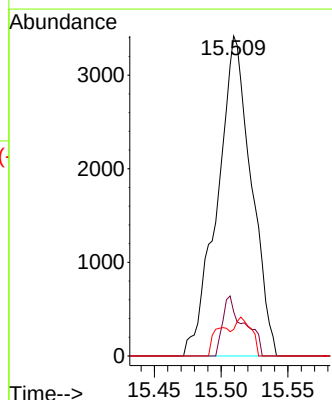
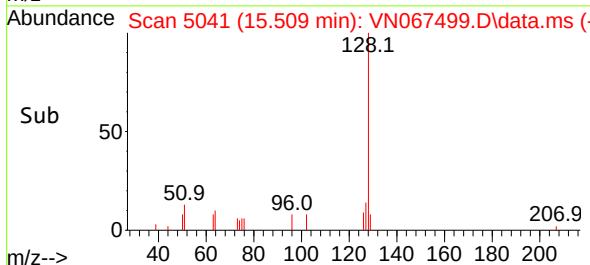
Tgt Ion:180 Resp: 924
Ion Ratio Lower Upper
180 100
182 92.0 47.5 142.5
145 31.1 17.2 51.6

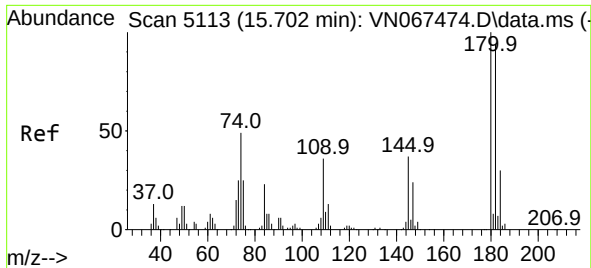


#95
Naphthalene
Concen: 4.11 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067499.D
Acq: 25 Jun 2021 13:07



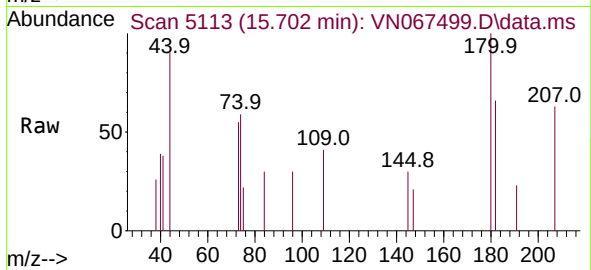
Tgt Ion:128 Resp: 6044
Ion Ratio Lower Upper
128 100
127 11.8 10.6 15.8
129 6.1 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.13 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN067499.D
 Acq: 25 Jun 2021 13:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1324
Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.8	143.3
145	32.6	18.2	54.6

