

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\Not Reviewed Data\
 Data File : VN067434.D
 Acq On : 22 Jun 2021 12:17
 Operator : JC/MD
 Sample : VN0622WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 17:45:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

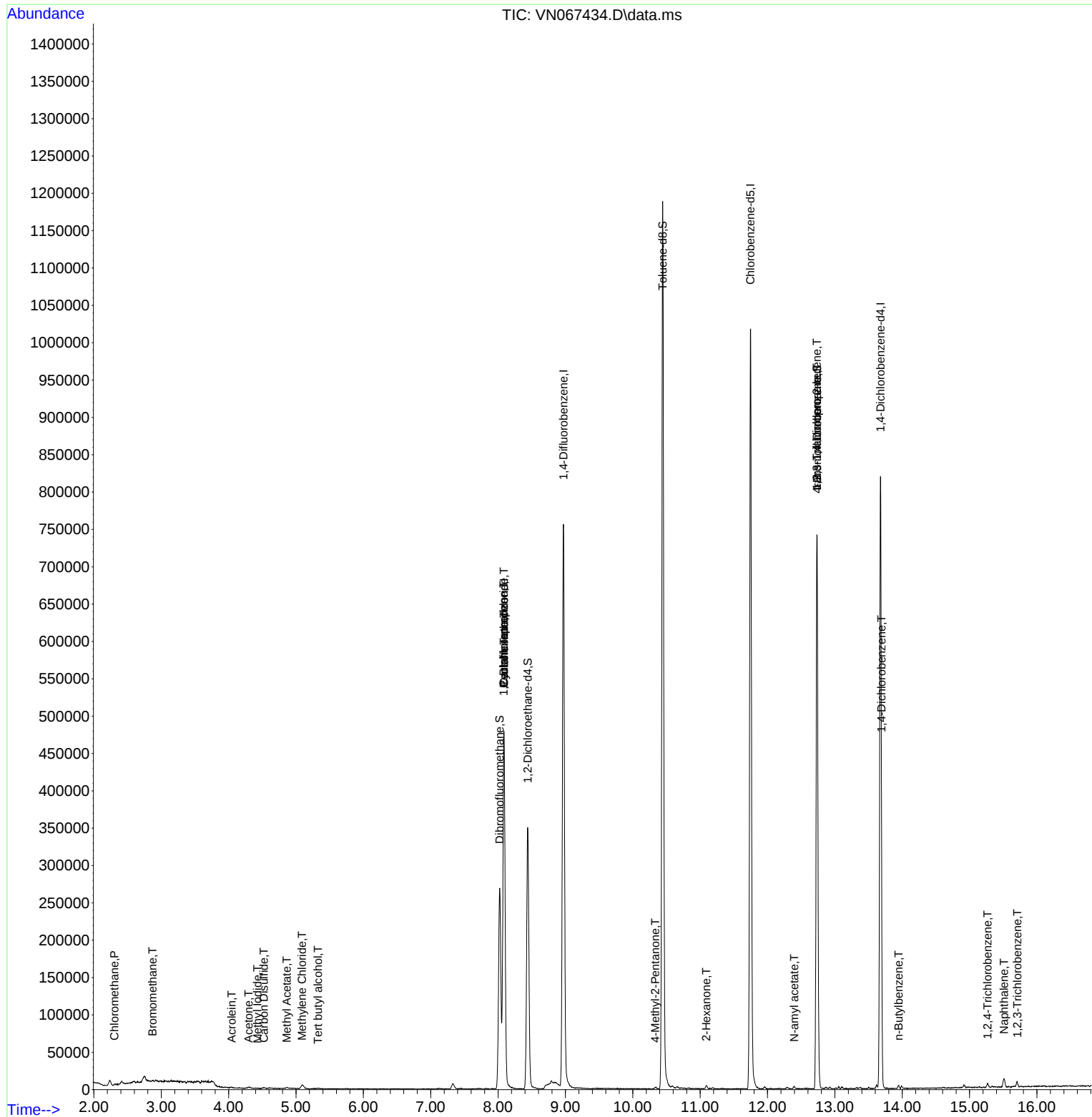
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	298263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	611414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	539999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	182737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	299355	50.877	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.760%		
35) Dibromofluoromethane	8.024	113	194009	47.711	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 95.420%		
50) Toluene-d8	10.443	98	810656	52.013	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 104.020%		
62) 4-Bromofluorobenzene	12.736	95	279231	43.412	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 86.820%		
Target Compounds						Qvalue
3) Chloromethane	2.303	50	960	0.212	ug/l #	87
5) Bromomethane	2.869	94	536	0.285	ug/l #	68
10) Methyl Iodide	4.427	142	94	6.765	ug/l #	33
11) Tert butyl alcohol	5.326	59	530	0.547	ug/l #	71
13) Acrolein	4.044	56	733	1.212	ug/l #	24
16) Acetone	4.296	43	477	0.211	ug/l #	1
17) Carbon Disulfide	4.524	76	2512	0.217	ug/l #	74
18) Methyl Acetate	4.865	43	2310	0.422	ug/l #	78
20) Methylene Chloride	5.090	84	4052	0.862	ug/l #	80
31) Cyclohexane	8.088	56	10714	1.339	ug/l #	12
36) 1,1-Dichloropropene	8.083	75	36214	5.283	ug/l #	49
38) Carbon Tetrachloride	8.086	117	38501	5.226	ug/l #	16
51) 4-Methyl-2-Pentanone	10.333	43	2207	0.294	ug/l #	62
59) 2-Hexanone	11.092	43	3546	0.645	ug/l	100
74) N-amyl acetate	12.396	43	2141	0.250	ug/l #	85
76) 1,2,3-Trichloropropane	12.733	75	164999	34.770	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	164999	86.172	ug/l #	6
88) 1,4-Dichlorobenzene	13.691	146	1439	0.222	ug/l #	1
89) n-Butylbenzene	13.946	91	2694	0.213	ug/l #	84
93) 1,2,4-Trichlorobenzene	15.268	180	1410	0.442	ug/l	93
95) Naphthalene	15.512	128	9790	3.443	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.708	180	2071	0.676	ug/l	91

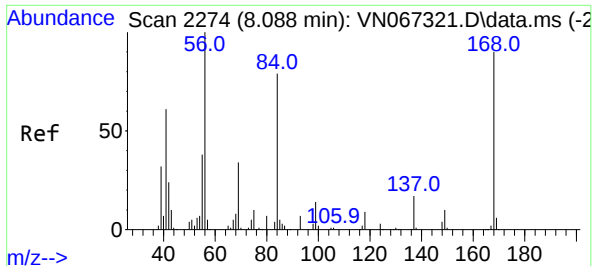
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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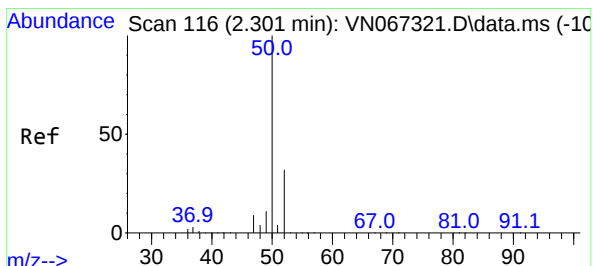
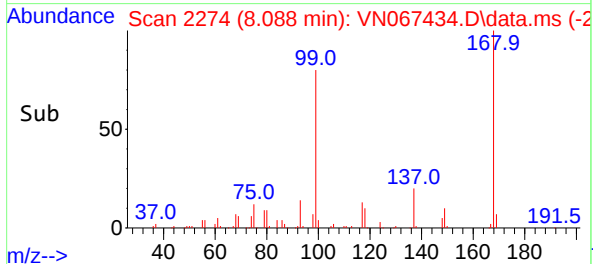
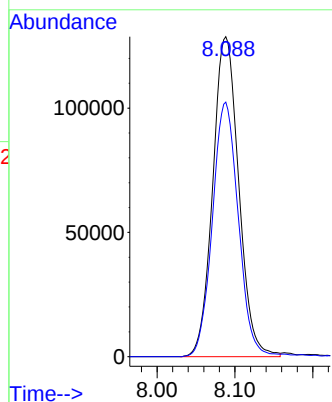
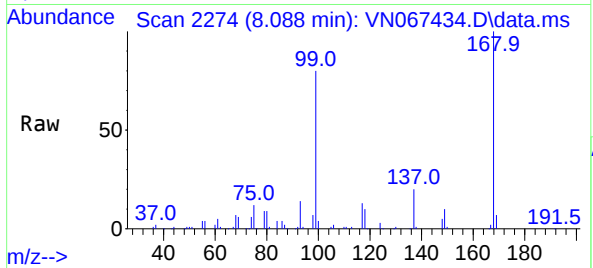




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

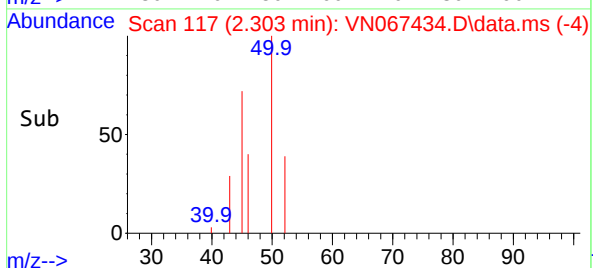
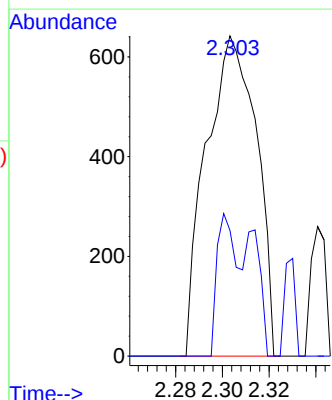
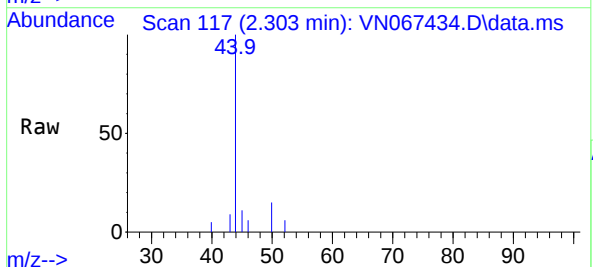
Instrument :
MSVOA_N
ClientSampleId :

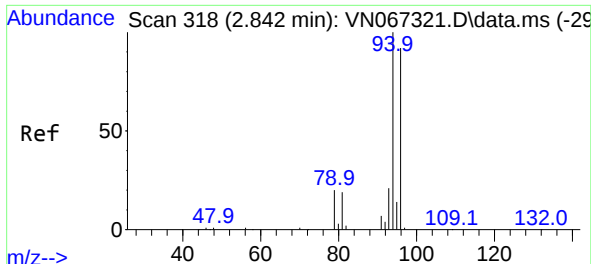
Tgt Ion:168 Resp: 298263
Ion Ratio Lower Upper
168 100
99 79.5 62.9 94.3



#3
Chloromethane
Concen: 0.212 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion: 50 Resp: 960
Ion Ratio Lower Upper
50 100
52 39.3 25.6 38.4#

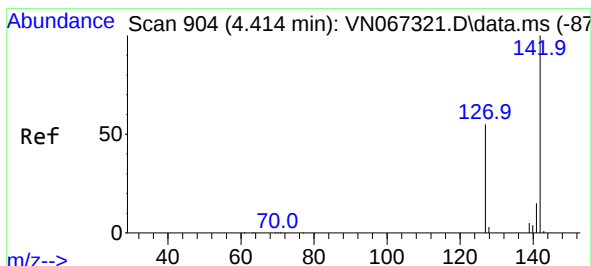
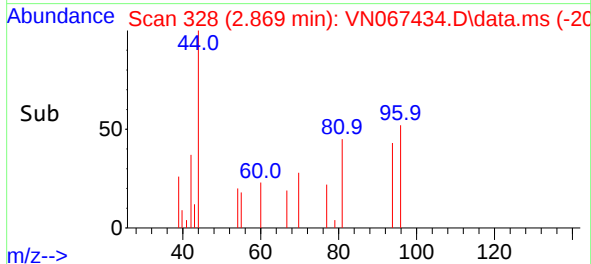
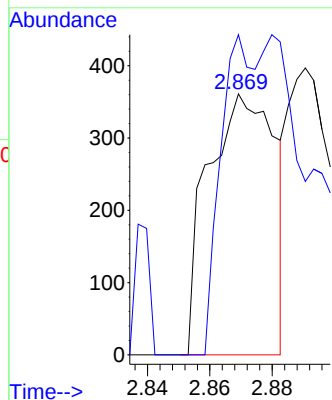
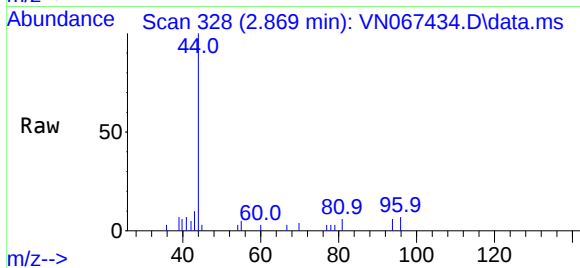




#5
Bromomethane
Concen: 0.285 ug/l
RT: 2.869 min Scan# 328
Delta R.T. 0.027 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

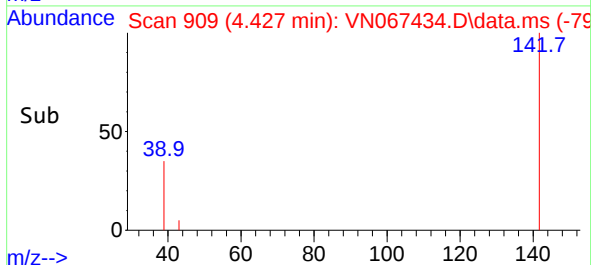
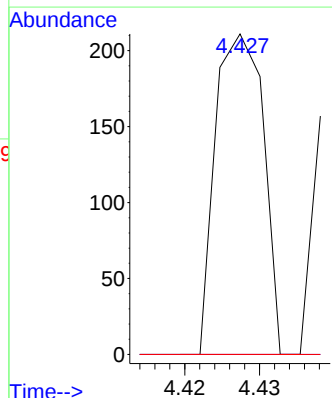
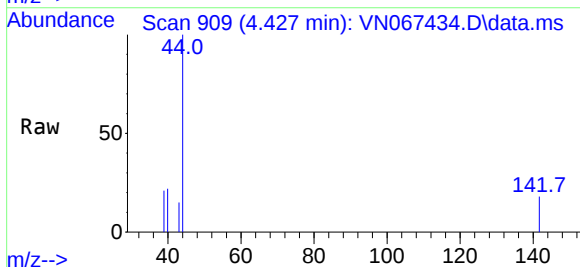
Instrument :
MSVOA_N
ClientSampleId :

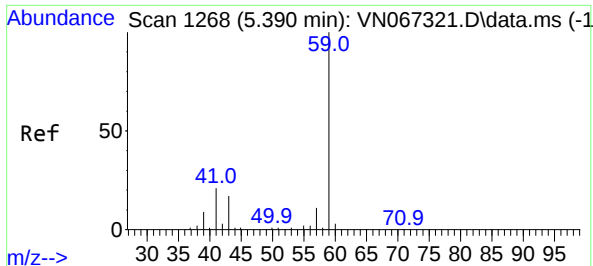
Tgt Ion: 94 Resp: 536
Ion Ratio Lower Upper
94 100
96 122.7 73.7 110.5#



#10
Methyl Iodide
Concen: 6.765 ug/l
RT: 4.427 min Scan# 909
Delta R.T. 0.013 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion: 142 Resp: 94
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

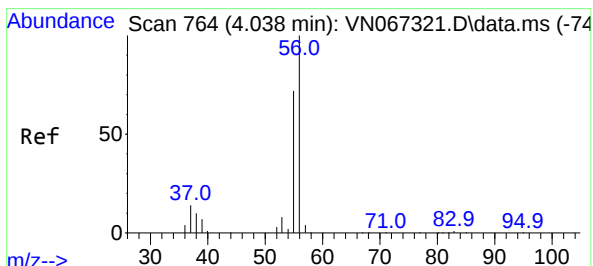
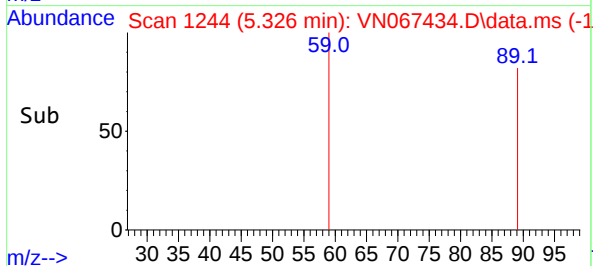
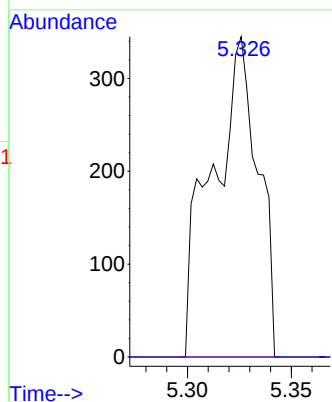
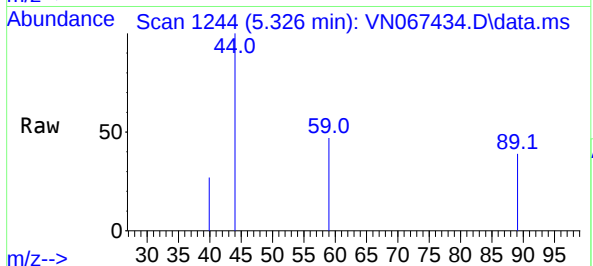




#11
Tert butyl alcohol
Concen: 0.547 ug/l
RT: 5.326 min Scan# 1244
Delta R.T. -0.064 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

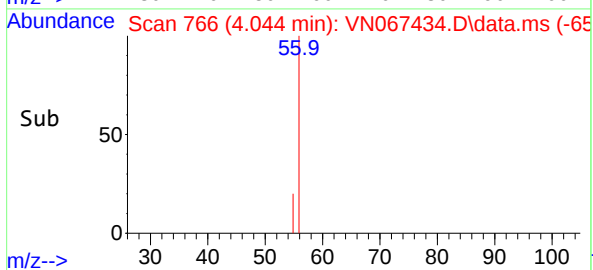
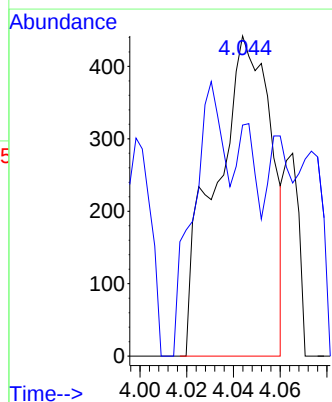
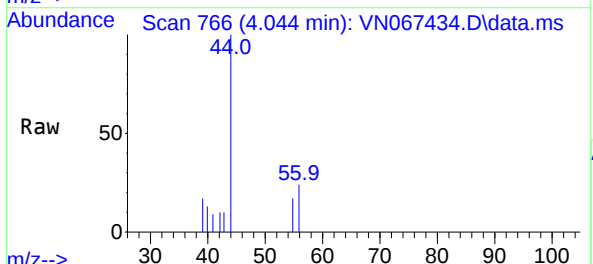
Instrument :
MSVOA_N
ClientSampled :

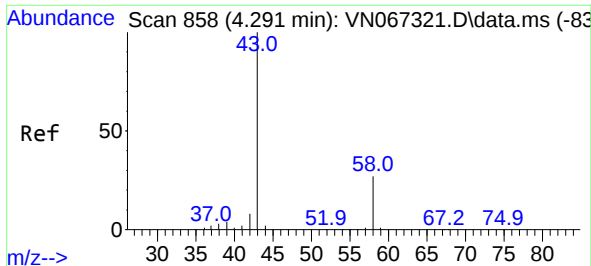
Tgt Ion: 59 Resp: 530
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 1.212 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion: 56 Resp: 733
Ion Ratio Lower Upper
56 100
55 8.7 57.4 86.0#

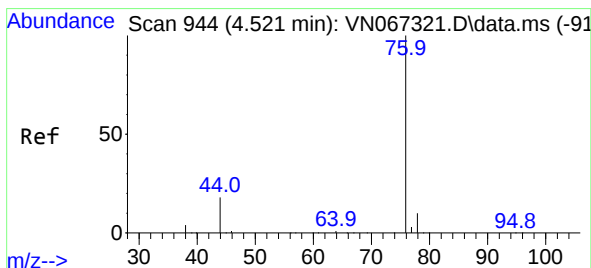
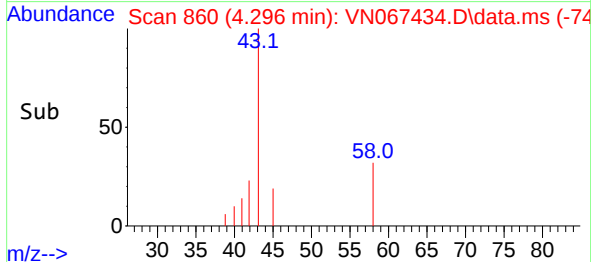
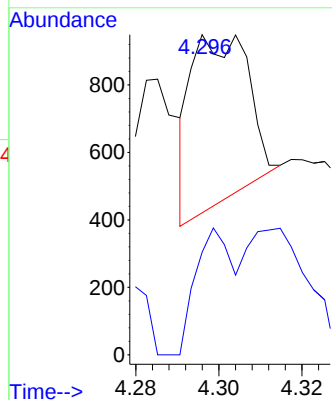
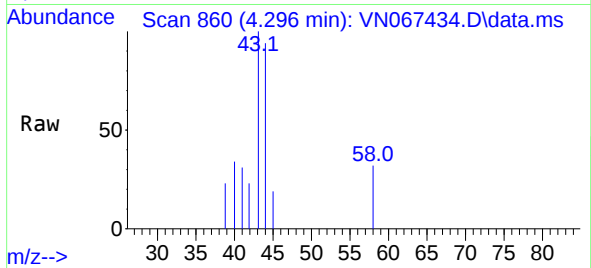




#16
Acetone
Concen: 0.211 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

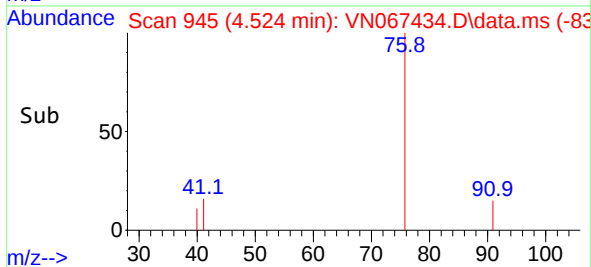
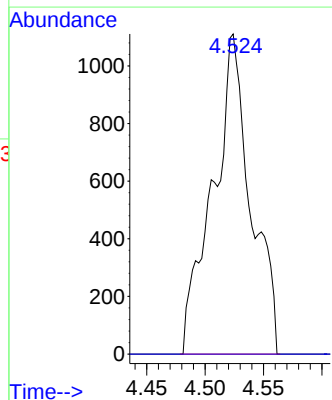
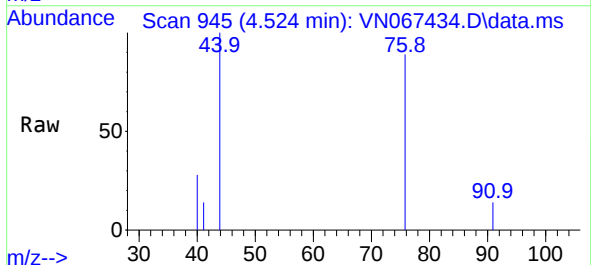
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MSVOA_N
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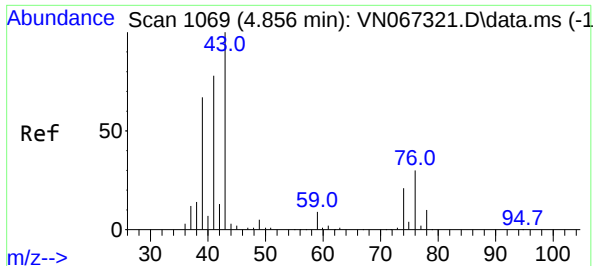
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 78.6 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion: 76 Resp: 2512
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

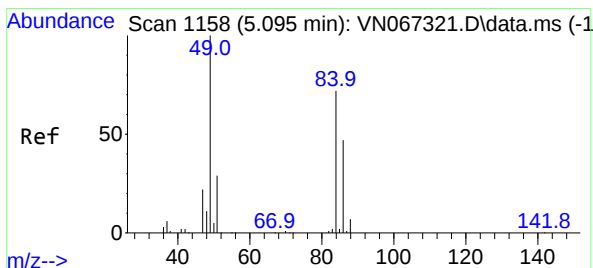
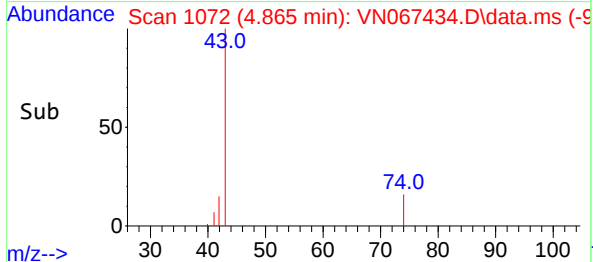
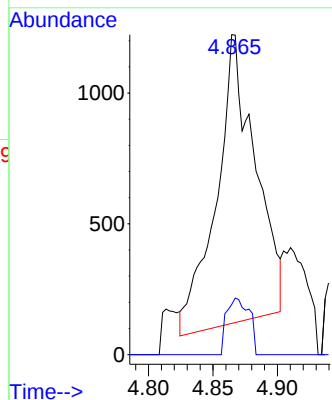
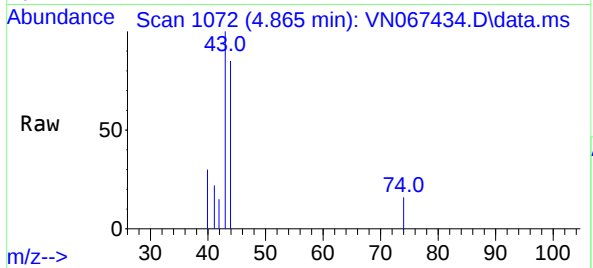




#18
Methyl Acetate
Concen: 0.422 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.009 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

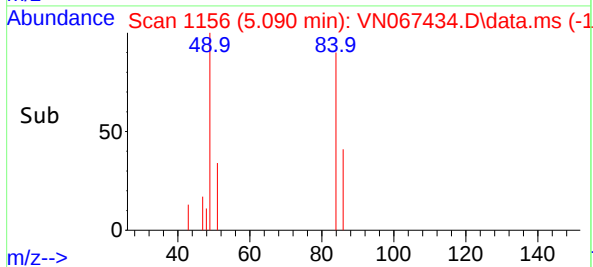
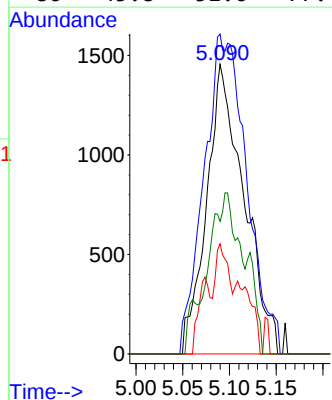
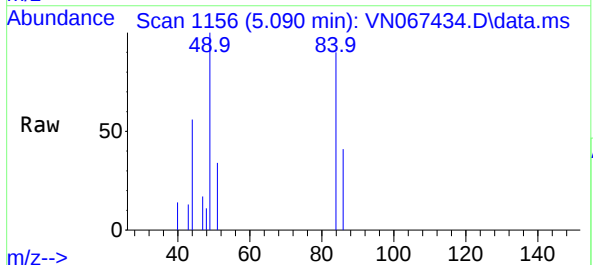
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MSVOA_N
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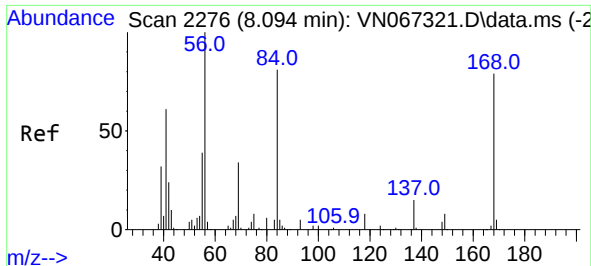
Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
74 11.3 17.4 26.0#



#20
Methylene Chloride
Concen: 0.862 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

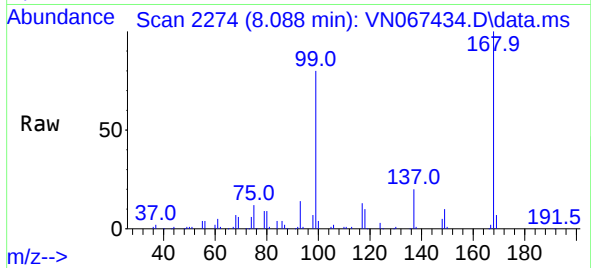
Tgt Ion: 84 Resp: 4052
Ion Ratio Lower Upper
84 100
49 110.5 110.9 166.3#
51 38.0 32.6 49.0
86 45.8 51.6 77.4#



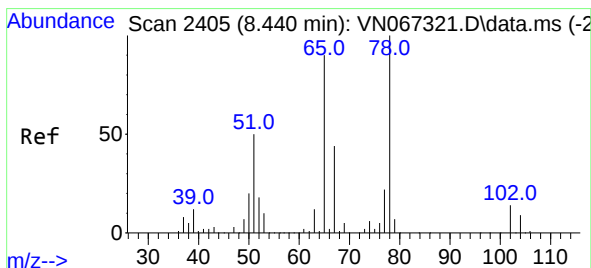
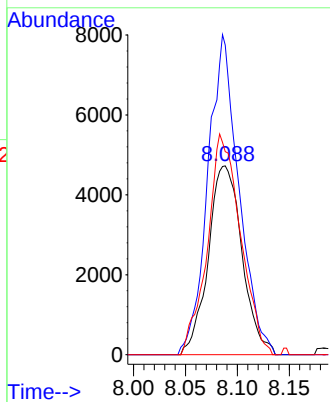
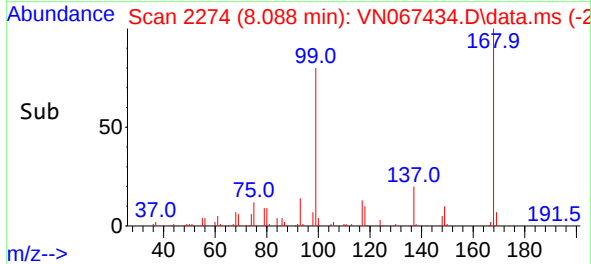


#31
Cyclohexane
Concen: 1.339 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

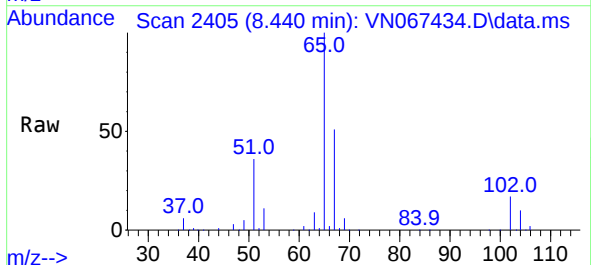
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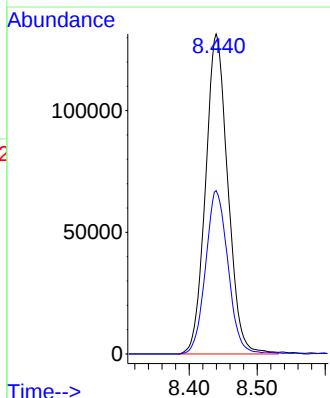
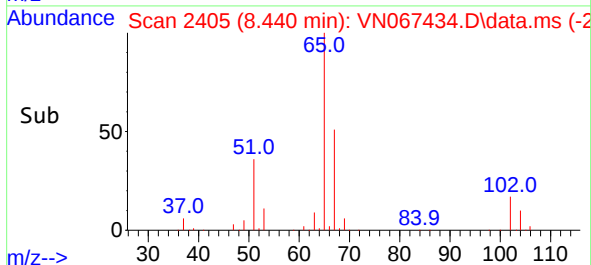
Tgt Ion: 56 Resp: 10714
Ion Ratio Lower Upper
56 100
69 164.0 27.3 40.9#
84 107.6 64.9 97.3#

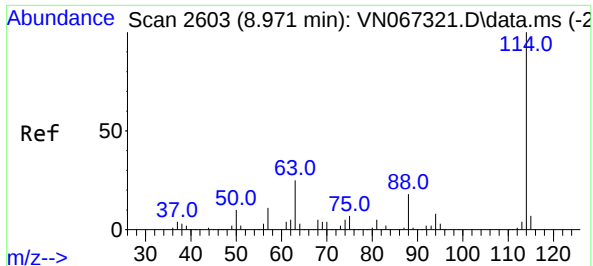


#33
1,2-Dichloroethane-d4
Concen: 50.877 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17



Tgt Ion: 65 Resp: 299355
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6



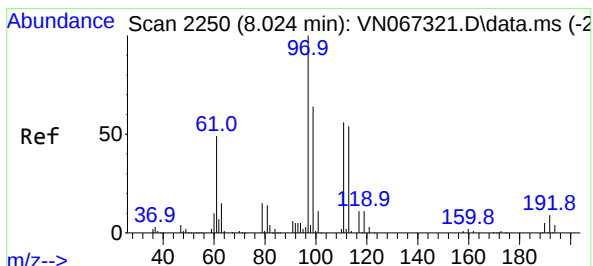
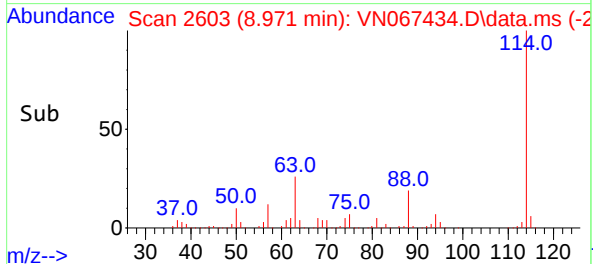
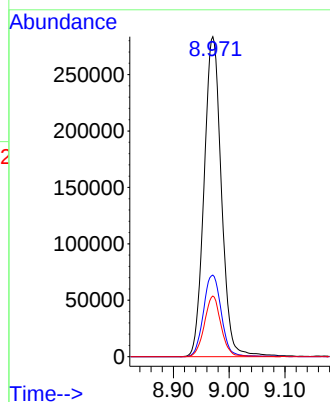
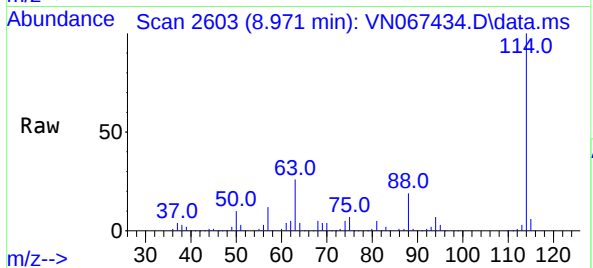


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Instrument :
MSVOA_N
ClientSampled :

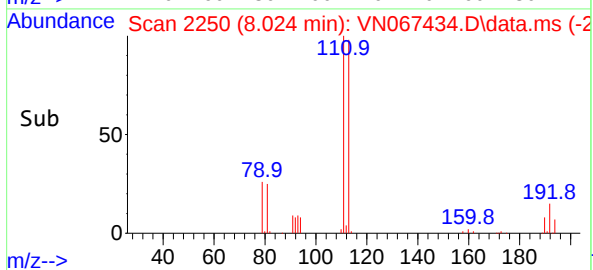
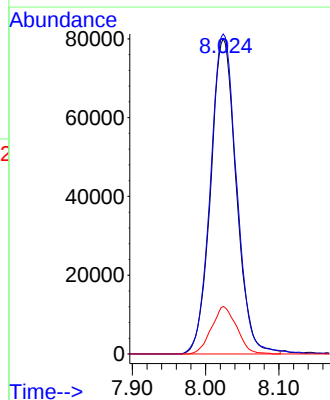
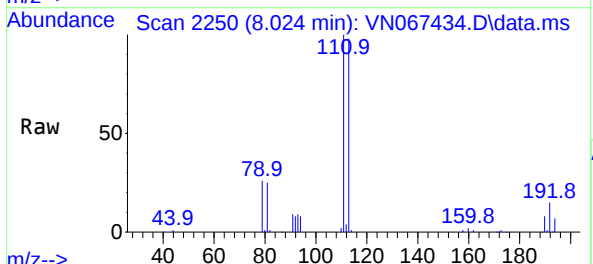
Tgt Ion:114 Resp: 611414
Ion Ratio Lower Upper
114 100
63 25.5 0.0 49.0
88 19.0 0.0 36.6

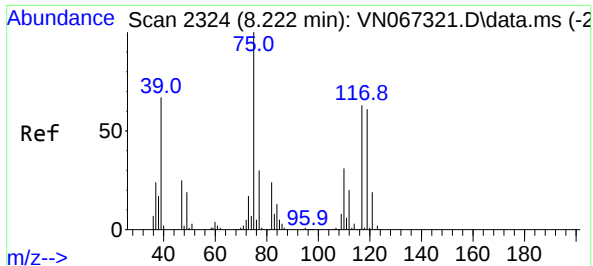


#35

Dibromofluoromethane
Concen: 47.711 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion:113 Resp: 194009
Ion Ratio Lower Upper
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111 103.8 83.8 125.8
192 14.8 13.4 20.0

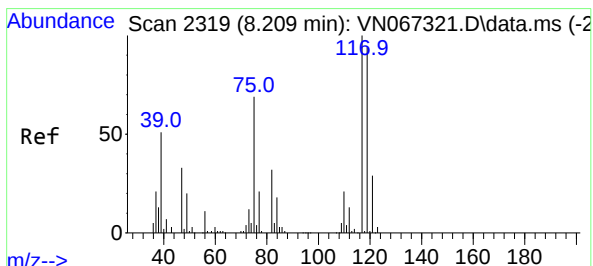
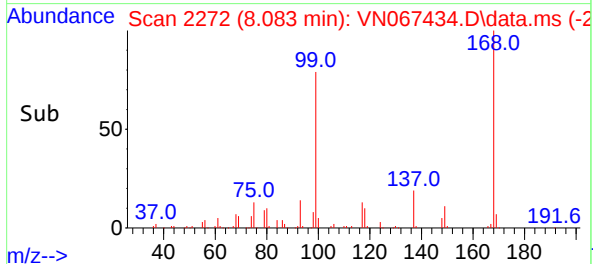
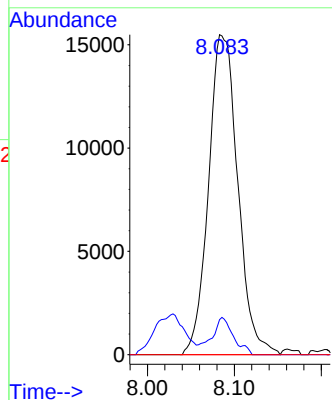
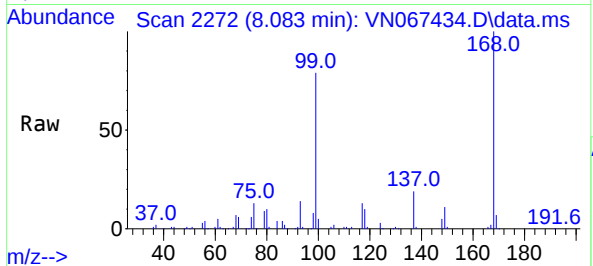




#36
1,1-Dichloropropene
Concen: 5.283 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.139 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

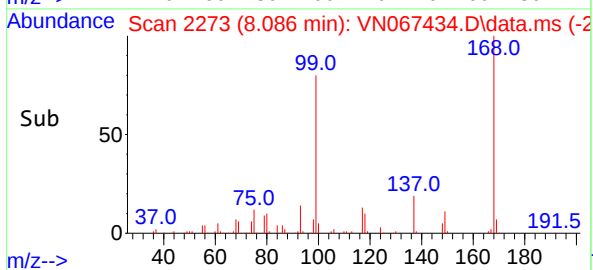
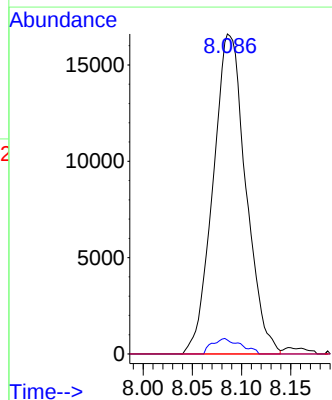
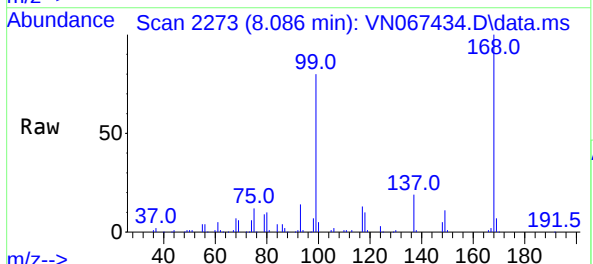
Instrument :
MSVOA_N
ClientSampleId :

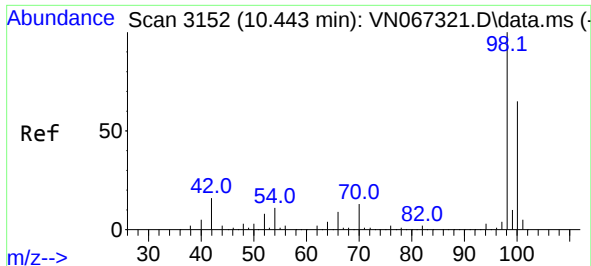
Tgt Ion: 75 Resp: 36214
Ion Ratio Lower Upper
75 100
110 5.4 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.226 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion: 117 Resp: 38501
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.2#
121 0.0 23.5 35.3#

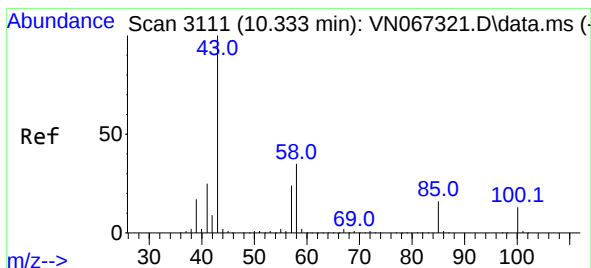
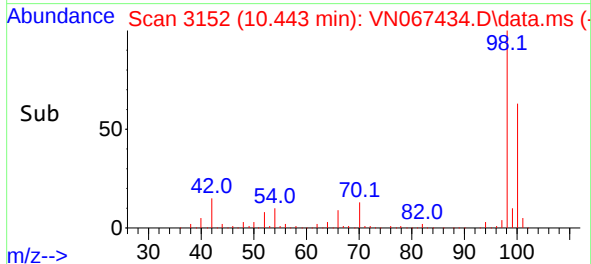
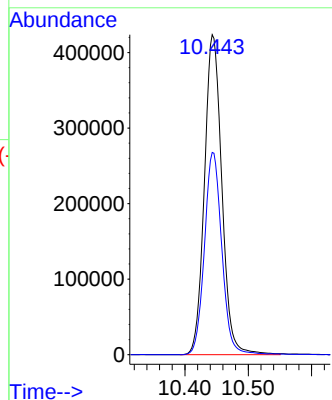
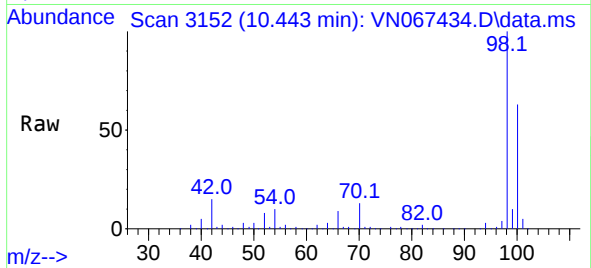




#50
Toluene-d8
Concen: 52.013 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

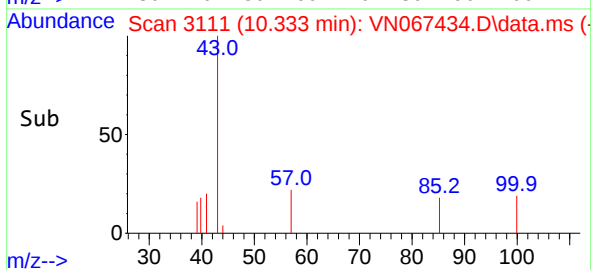
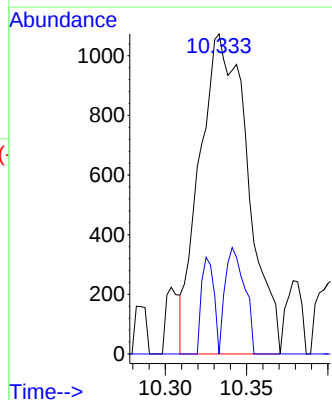
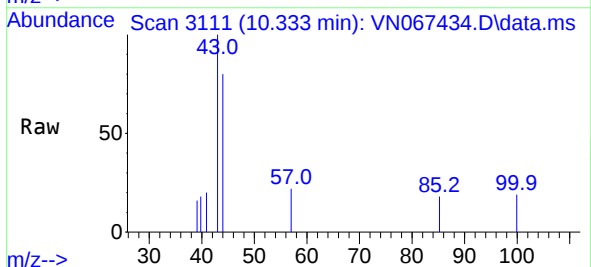
Instrument :
MSVOA_N
ClientSampled :

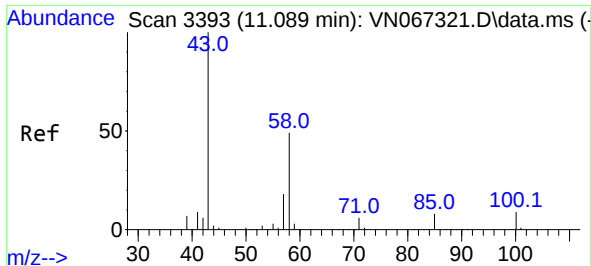
Tgt Ion: 98 Resp: 810656
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.294 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion: 43 Resp: 2207
Ion Ratio Lower Upper
43 100
58 13.5 28.6 43.0#

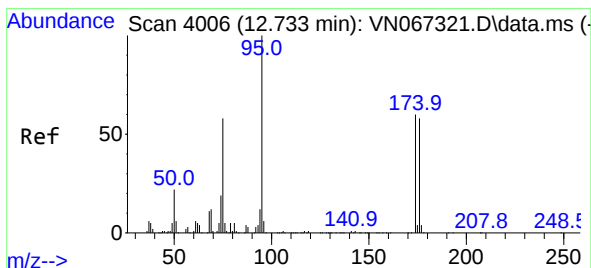
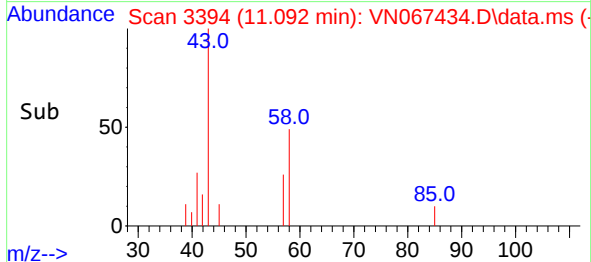
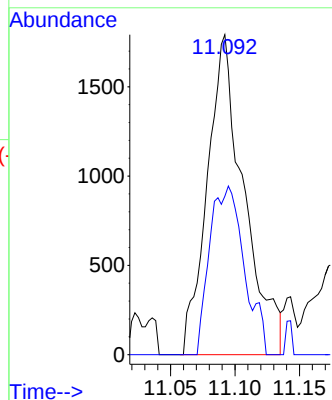
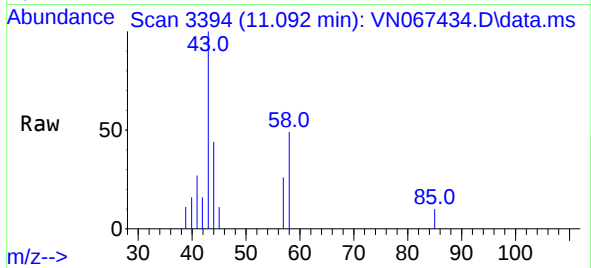




#59
2-Hexanone
Concen: 0.645 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

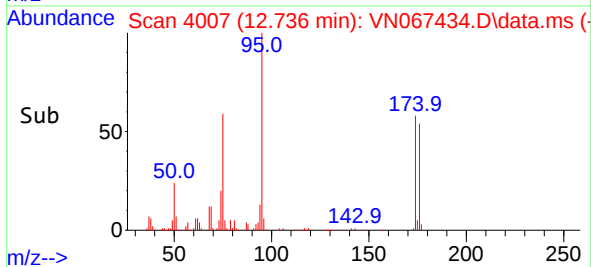
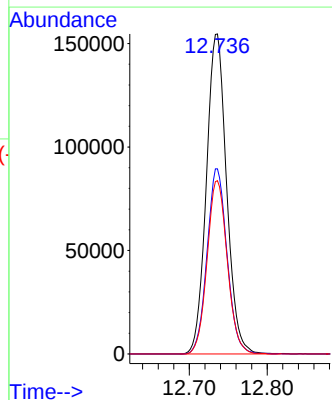
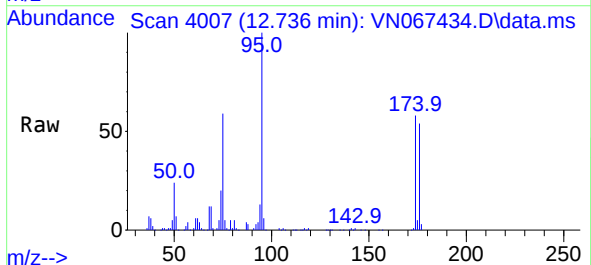
Instrument :
MSVOA_N
ClientSampled :

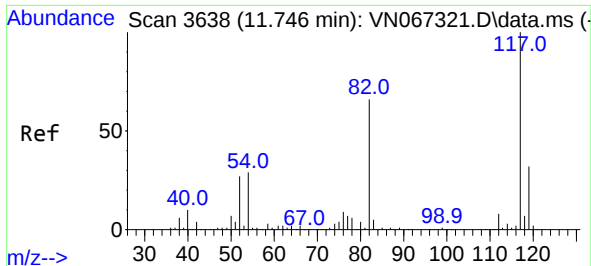
Tgt Ion: 43 Resp: 3546
Ion Ratio Lower Upper
43 100
58 49.5 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 43.412 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion: 95 Resp: 279231
Ion Ratio Lower Upper
95 100
174 57.0 0.0 122.0
176 54.0 0.0 117.6

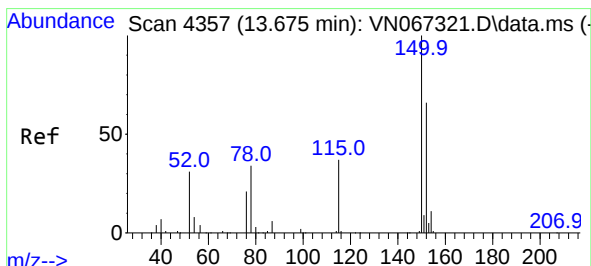
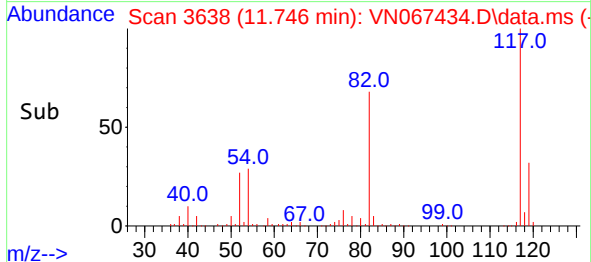
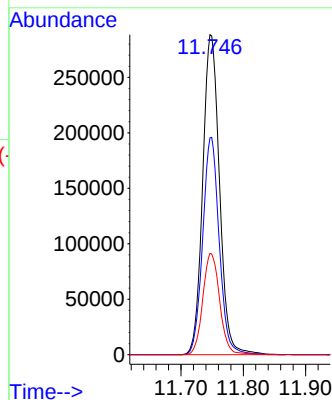
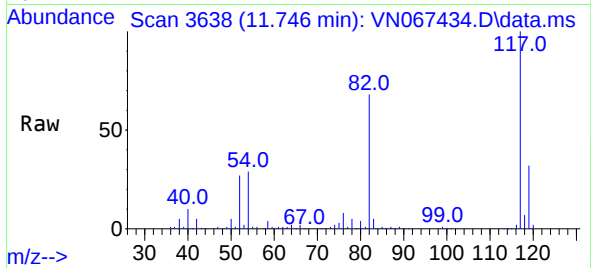




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

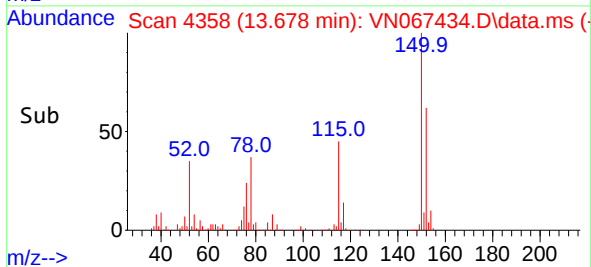
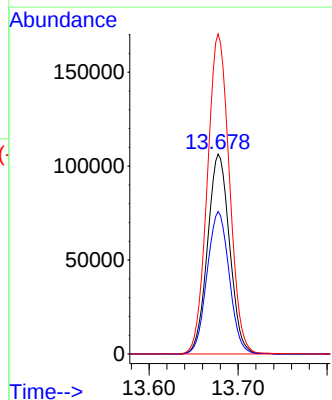
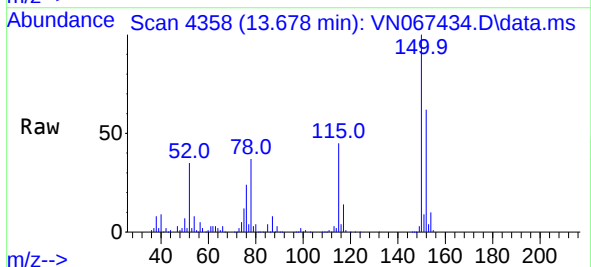
Instrument :
MSVOA_N
ClientSampled :

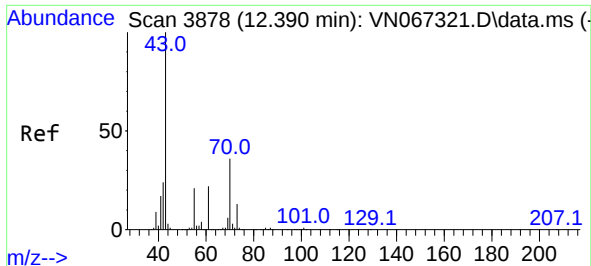
Tgt Ion:117 Resp: 539999
Ion Ratio Lower Upper
117 100
82 67.7 53.1 79.7
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

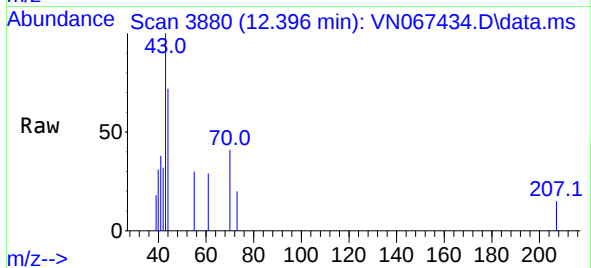
Tgt Ion:152 Resp: 182737
Ion Ratio Lower Upper
152 100
115 71.8 36.1 108.5
150 160.3 0.0 351.8





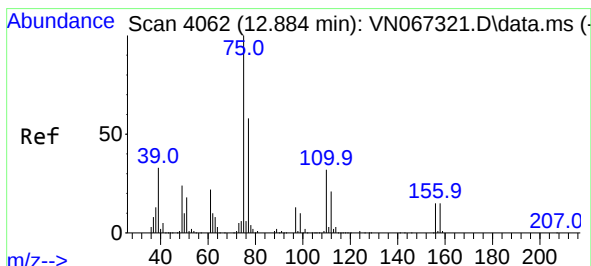
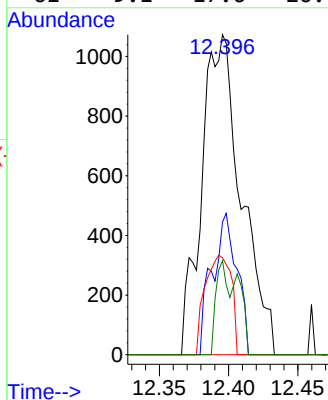
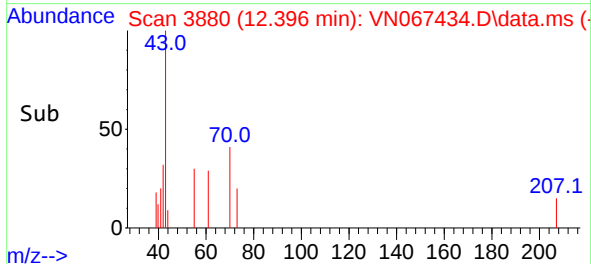
#74
N-amy1 acetate
Concen: 0.250 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Instrument :
MSVOA_N
ClientSampled :

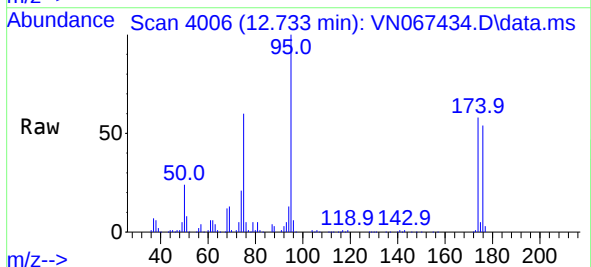


Tgt Ion: 43 Resp: 2141

Ion	Ratio	Lower	Upper
43	100		
70	27.7	29.4	44.2#
55	20.4	17.0	25.4
61	9.1	17.6	26.4#

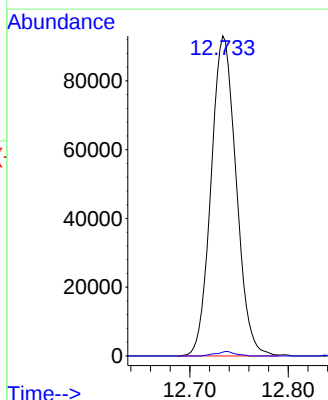
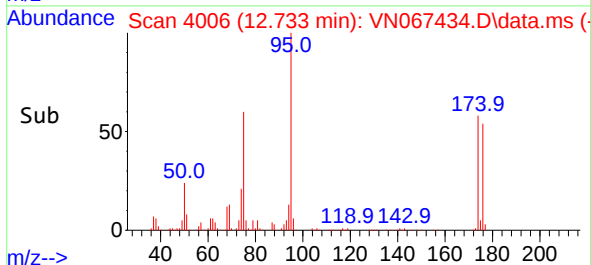


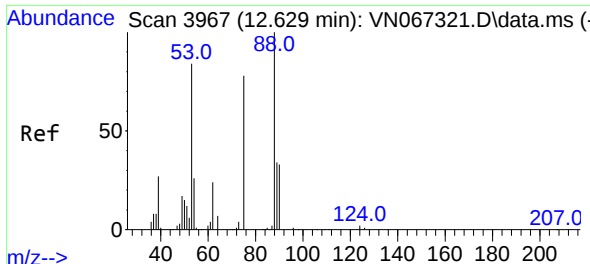
#76
1,2,3-Trichloropropane
Concen: 34.770 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17



Tgt Ion: 75 Resp: 164999

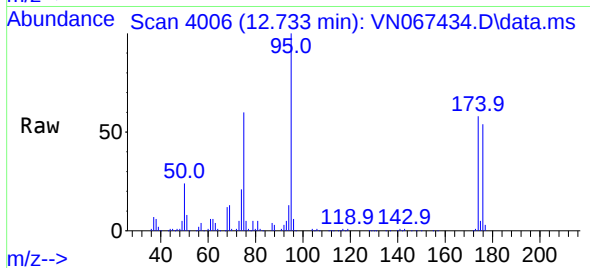
Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



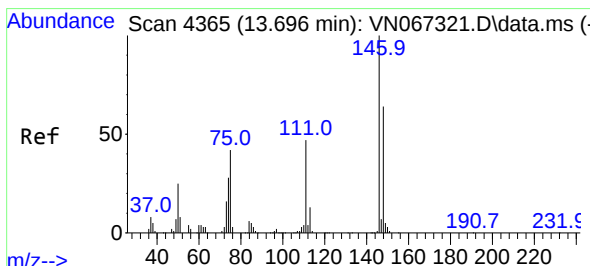
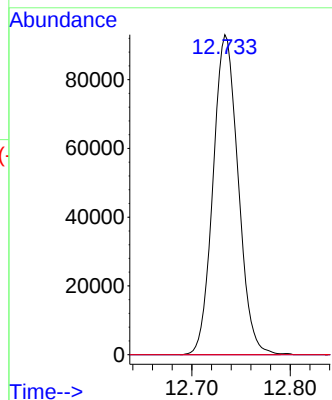
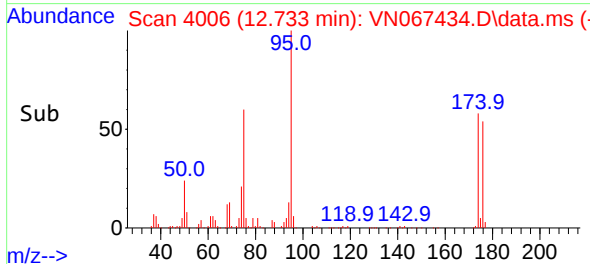


#81
trans-1,4-Dichloro-2-butene
Concen: 86.172 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

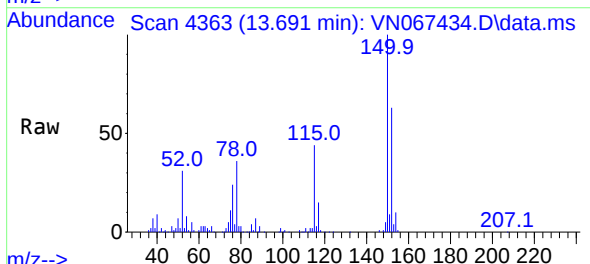
Instrument :
MSVOA_N
ClientSampled :



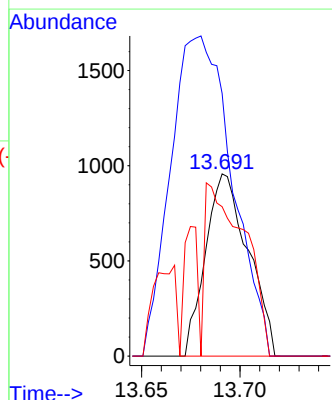
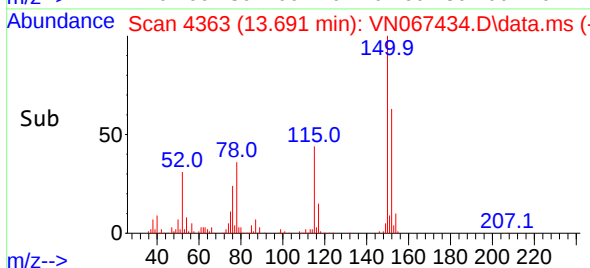
Tgt Ion: 75 Resp: 164999
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

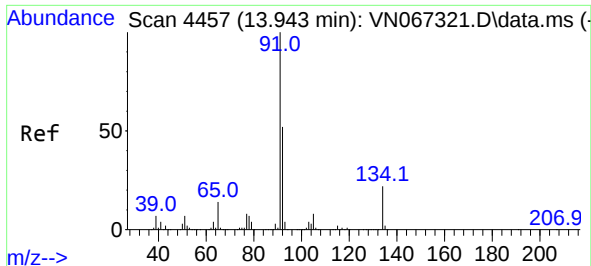


#88
1,4-Dichlorobenzene
Concen: 0.222 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. -0.005 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17



Tgt Ion: 146 Resp: 1439
Ion Ratio Lower Upper
146 100
111 254.1 23.4 70.2#
148 88.4 31.8 95.3

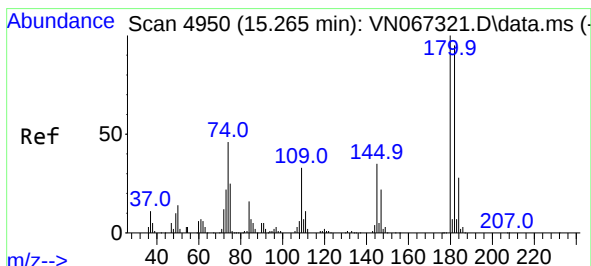
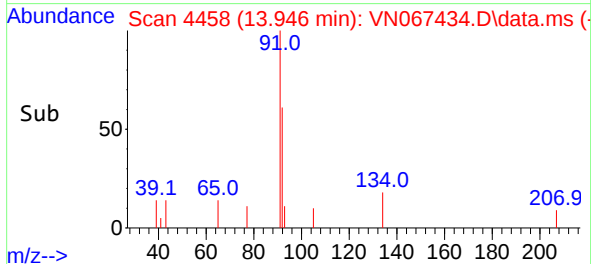
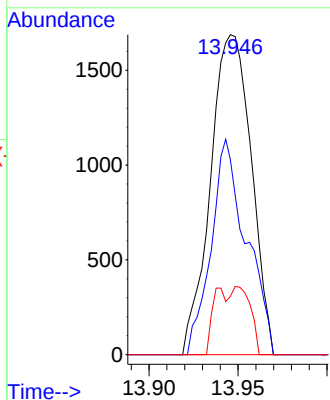
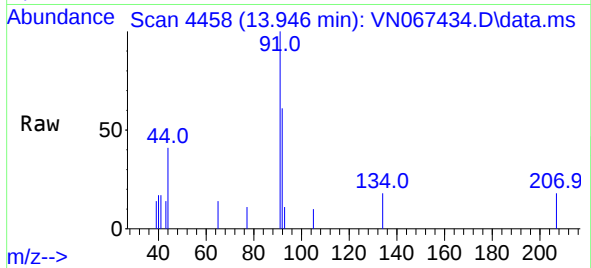




#89
n-Butylbenzene
Concen: 0.213 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

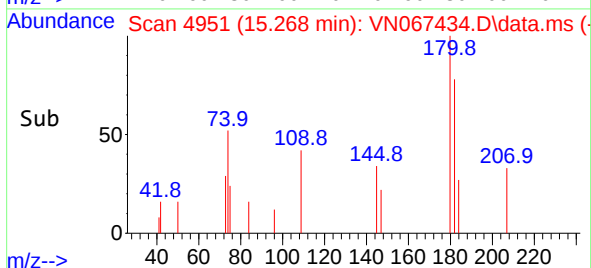
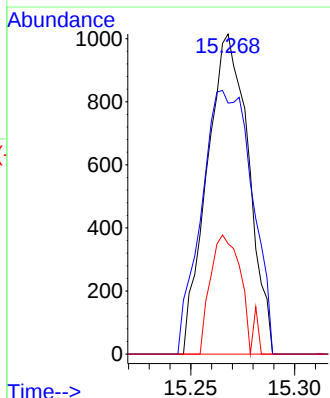
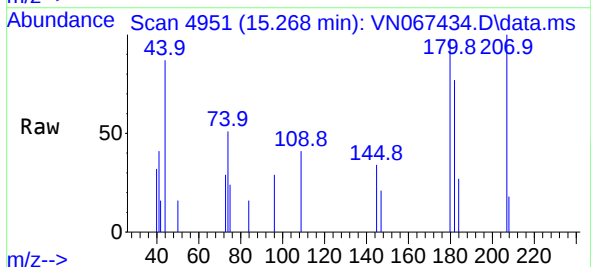
Instrument :
MSVOA_N
ClientSampled :

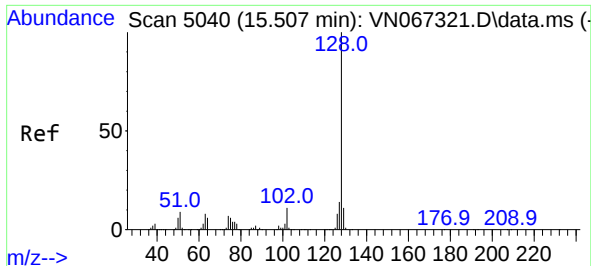
Tgt Ion: 91 Resp: 2694
Ion Ratio Lower Upper
91 100
92 58.0 25.7 77.1
134 7.1 11.2 33.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.442 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion: 180 Resp: 1410
Ion Ratio Lower Upper
180 100
182 100.4 47.5 142.5
145 28.1 17.2 51.6

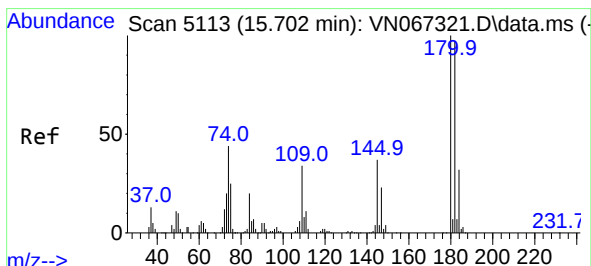
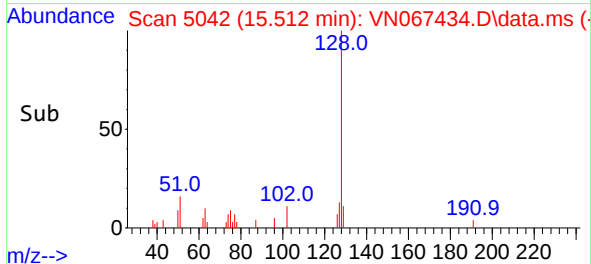
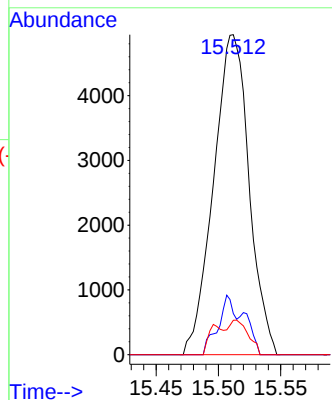
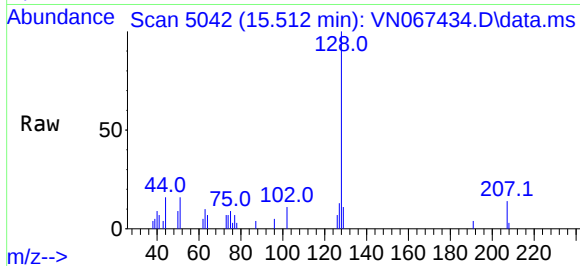




#95
Naphthalene
Concen: 3.443 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128	Resp:	9790
Ion Ratio	Lower	Upper
128	100	
127	8.7	10.6 15.8#
129	5.6	8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.676 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN067434.D
Acq: 22 Jun 2021 12:17

Tgt Ion:180	Resp:	2071
Ion Ratio	Lower	Upper
180	100	
182	91.5	47.8 143.3
145	23.8	18.2 54.6

