

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068918.D
 Acq On : 14 Oct 2021 12:15
 Operator : JC/MD
 Sample : VN1014WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 14 22:42:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

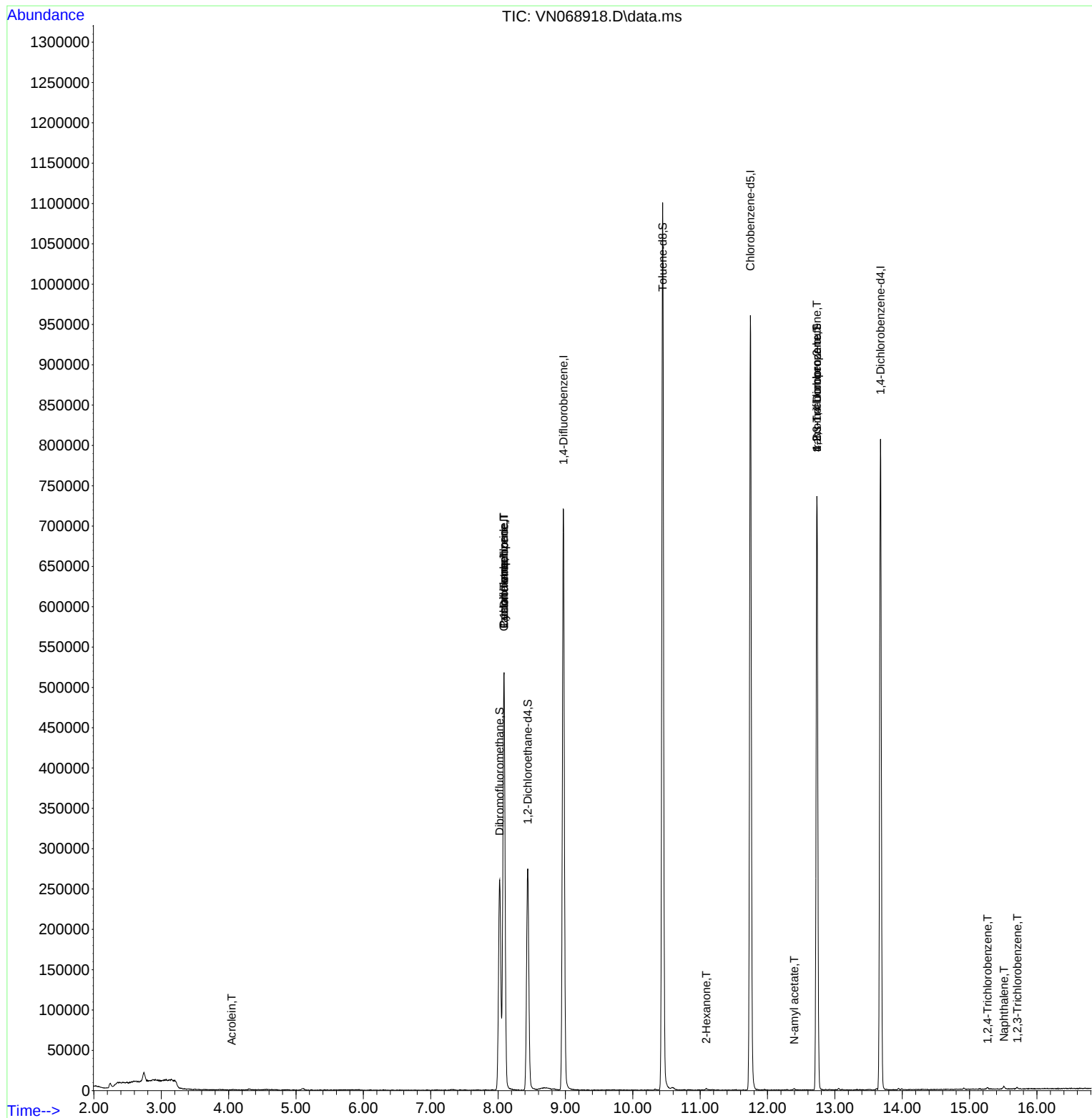
Internal Standards						
1) Pentafluorobenzene	8.088	168	407680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	657623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	583795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	228442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	236235	43.950	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.900%		
35) Dibromofluoromethane	8.024	113	194941	50.950	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.900%		
50) Toluene-d8	10.443	98	785888	51.335	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.680%		
62) 4-Bromofluorobenzene	12.734	95	265846	46.027	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.060%		
Target Compounds			Qvalue			
13) Acrolein	4.044	56	204	0.470	ug/l #	47
31) Cyclohexane	8.088	56	8164	0.977	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	30133	5.364	ug/l #	50
38) Carbon Tetrachloride	8.086	117	39916	6.470	ug/l #	16
59) 2-Hexanone	11.092	43	2116	0.497	ug/l	73
74) N-amyl acetate	12.398	43	1508	0.209	ug/l #	70
76) 1,2,3-Trichloropropane	12.734	75	135208	27.817	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	135208	66.551	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	839	2.809	ug/l #	90
95) Naphthalene	15.509	128	4047	4.164	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.708	180	980	2.769	ug/l	92

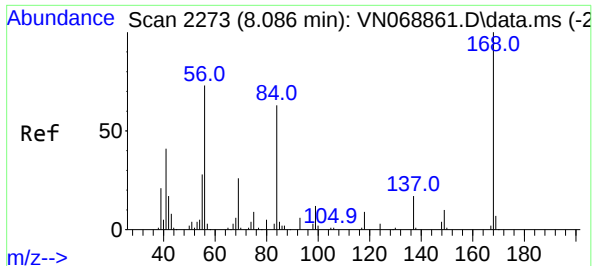
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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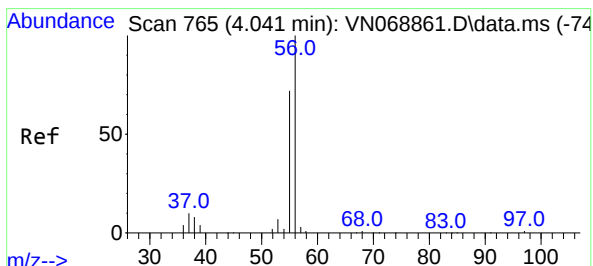
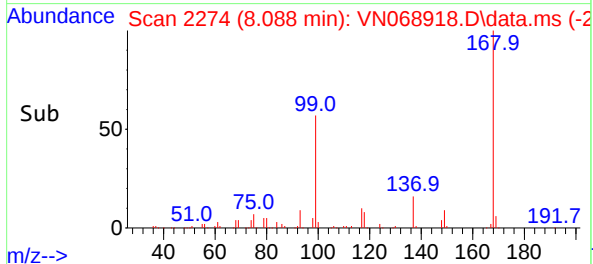
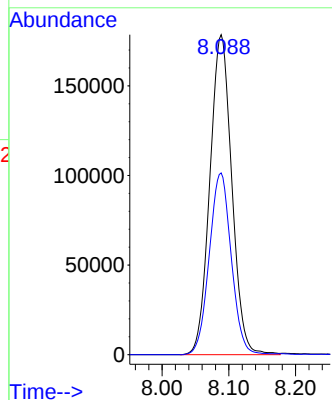
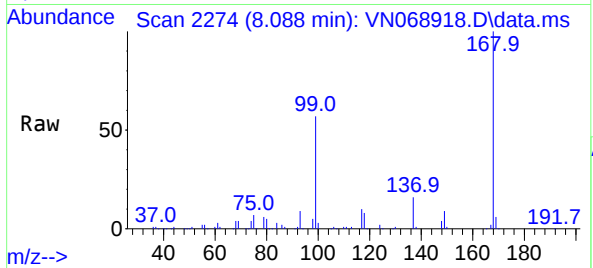




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

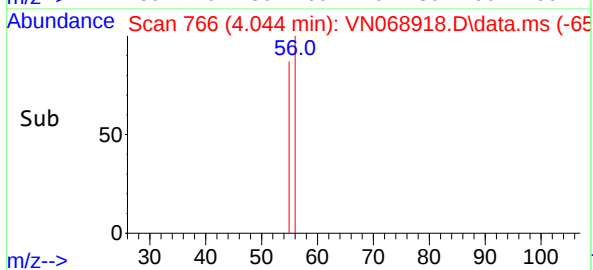
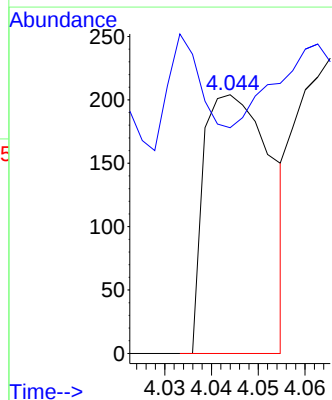
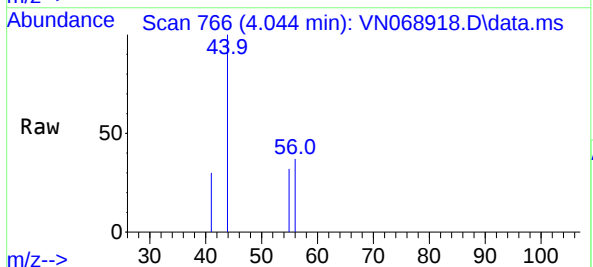
Instrument :
MSVOA_N
ClientSampled :

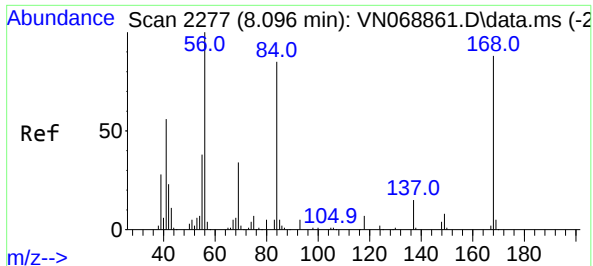
Tgt Ion:168 Resp: 407680
Ion Ratio Lower Upper
168 100
99 56.8 48.9 73.3



#13
Acrolein
Concen: 0.470 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 28.4 58.1 87.1#

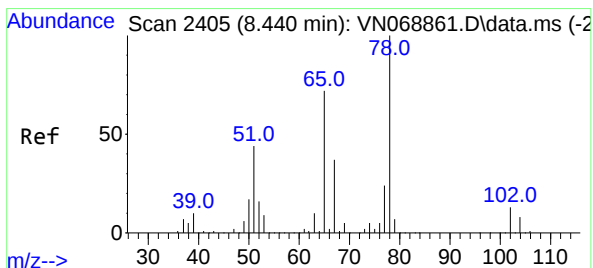
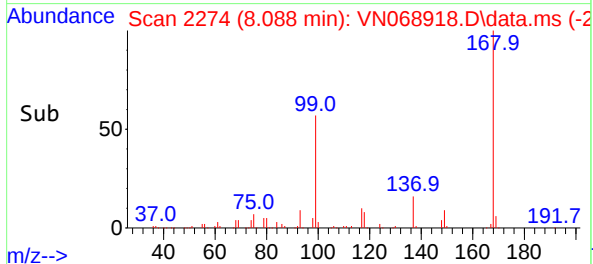
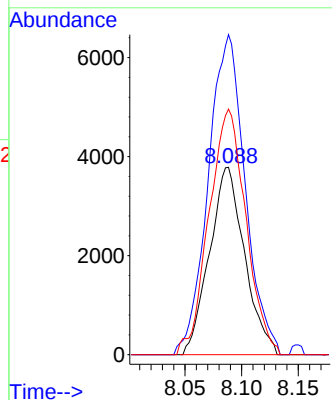
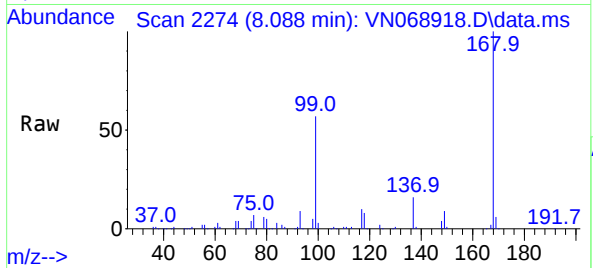




#31
Cyclohexane
Concen: 0.977 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

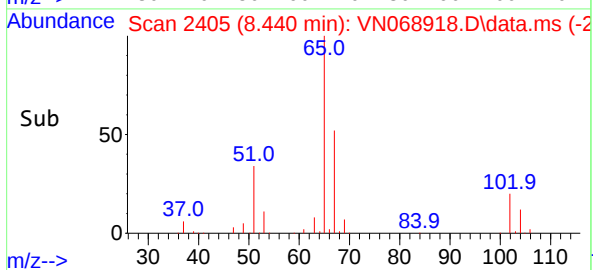
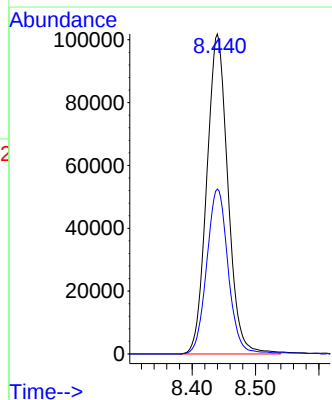
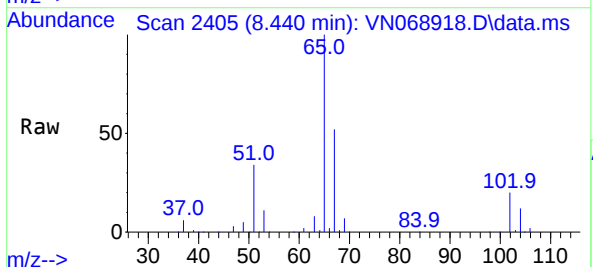
Instrument :
MSVOA_N
ClientSampleId :

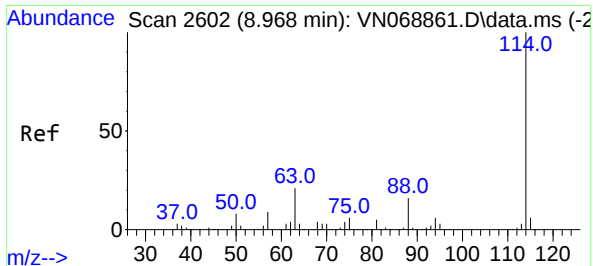
Tgt Ion: 56 Resp: 8164
Ion Ratio Lower Upper
56 100
69 170.8 26.9 40.3#
84 131.1 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 43.950 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

Tgt Ion: 65 Resp: 236235
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.8

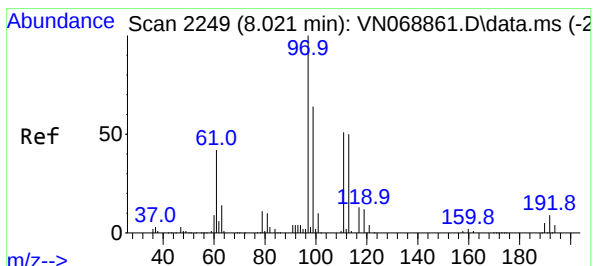
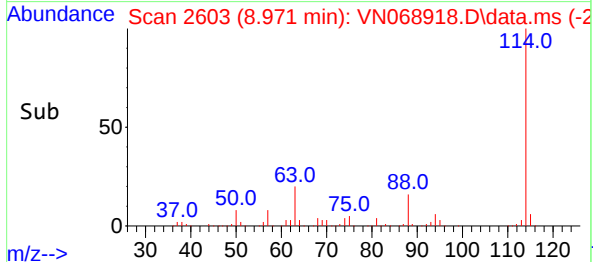
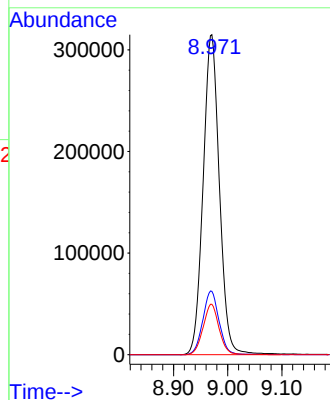
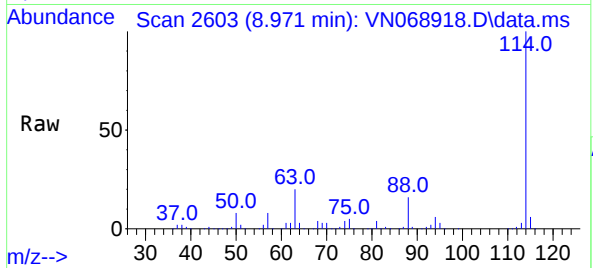




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

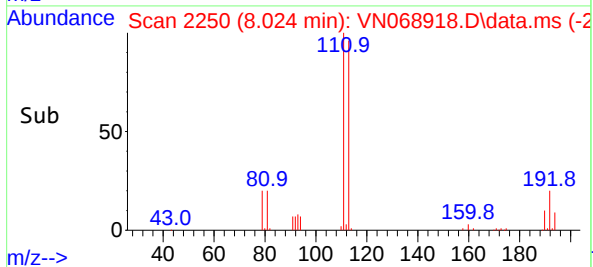
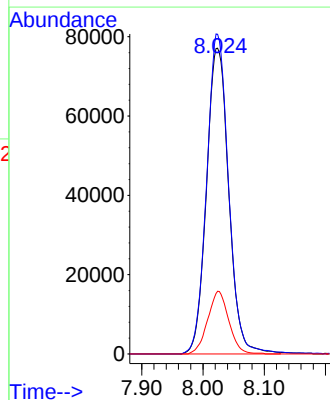
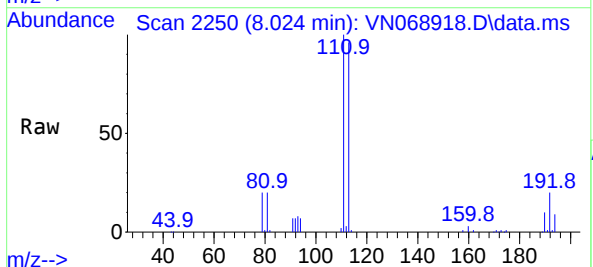
Instrument :
MSVOA_N
ClientSampled :

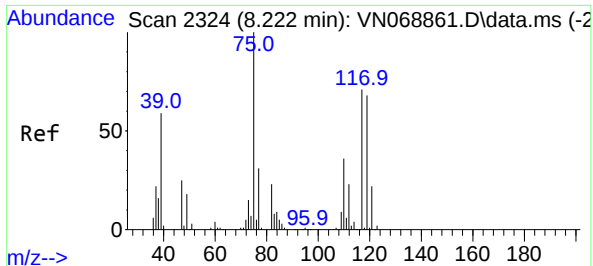
Tgt Ion:114 Resp: 657623
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.950 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

Tgt Ion:113 Resp: 194941
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 19.4 15.0 22.4

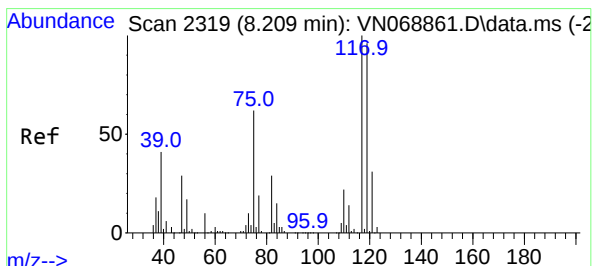
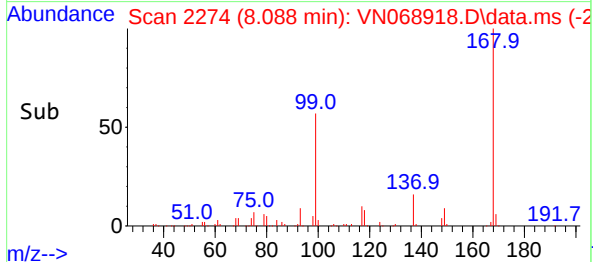
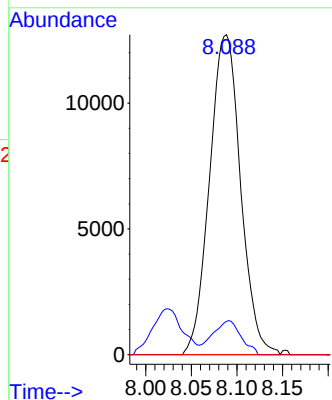
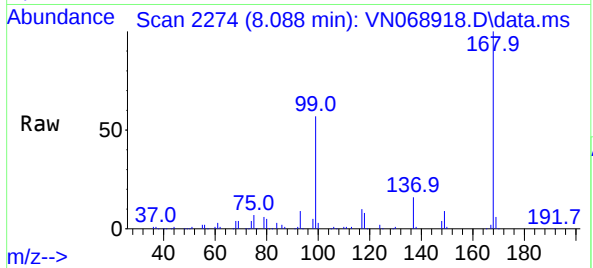




#36
1,1-Dichloropropene
Concen: 5.364 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

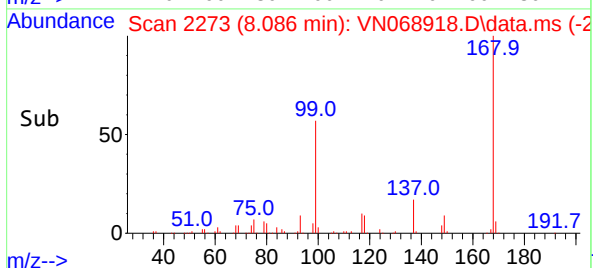
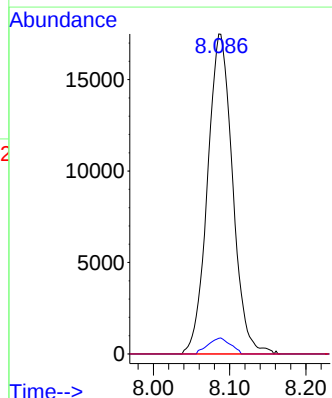
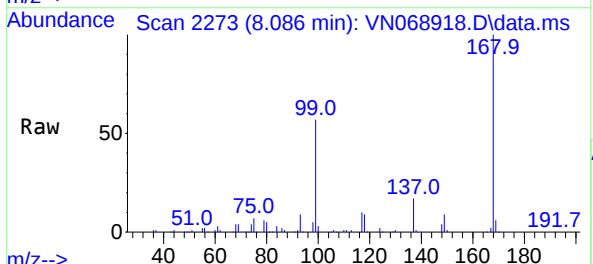
Instrument :
MSVOA_N
ClientSampled :

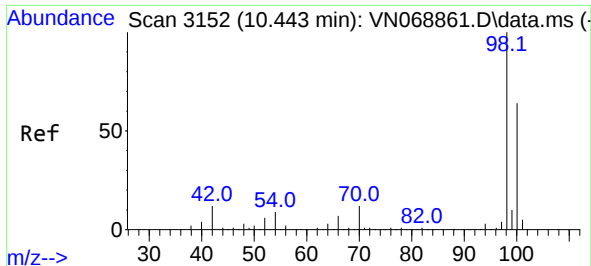
Tgt Ion: 75 Resp: 30133
Ion Ratio Lower Upper
75 100
110 9.8 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.470 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

Tgt Ion: 117 Resp: 39916
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.6 37.0#

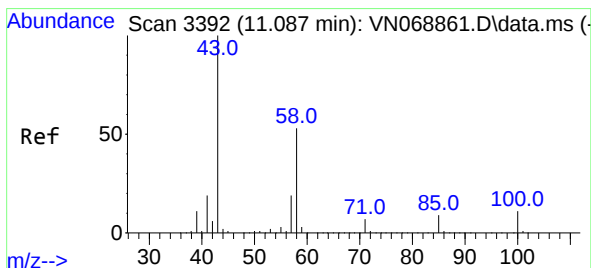
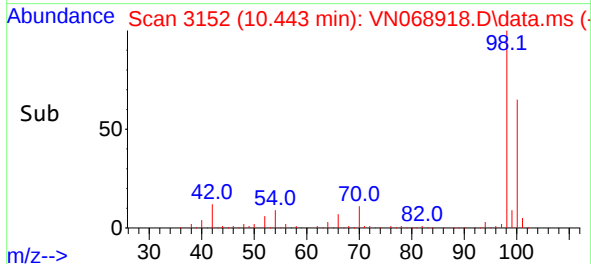
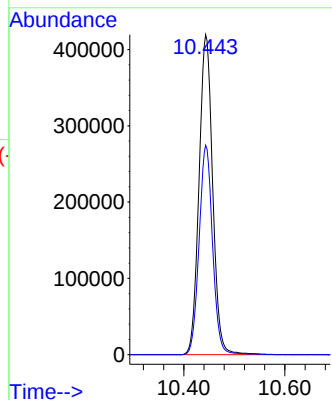
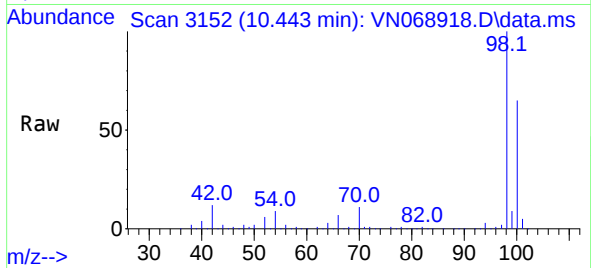




#50
Toluene-d8
Concen: 51.335 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

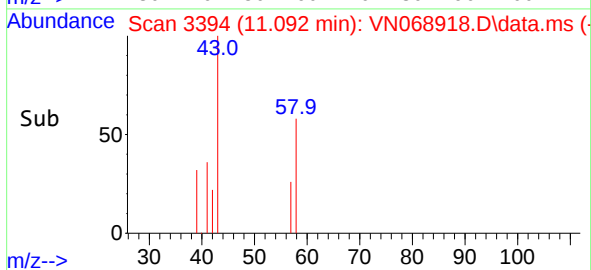
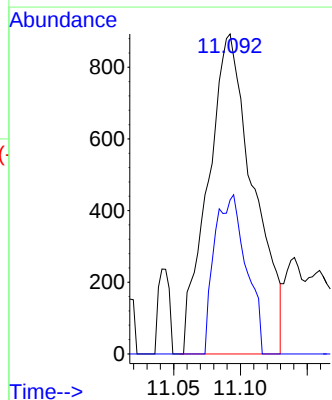
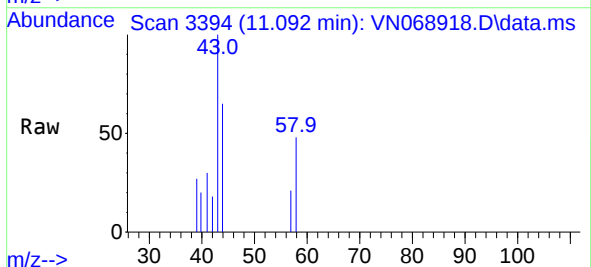
Instrument :
MSVOA_N
ClientSampleId :

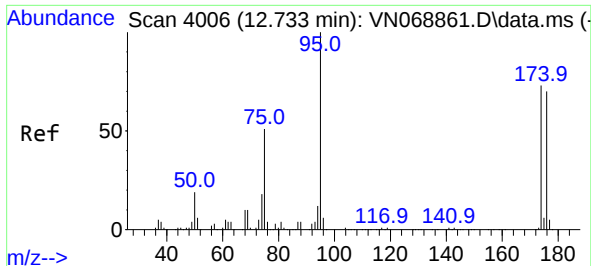
Tgt Ion: 98 Resp: 785888
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#59
2-Hexanone
Concen: 0.497 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 34.6 26.9 80.7

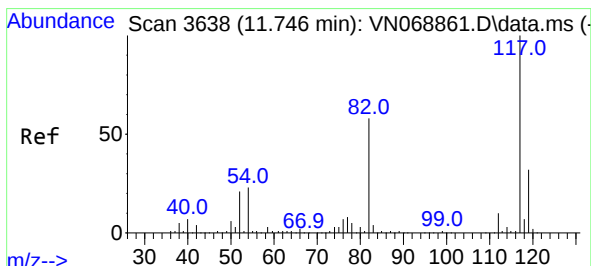
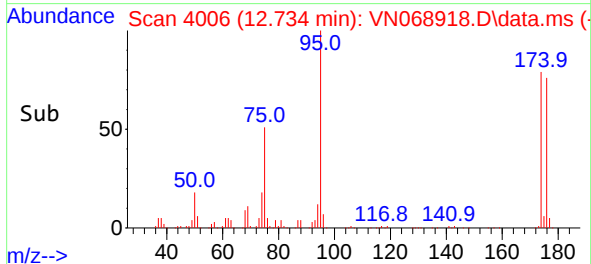
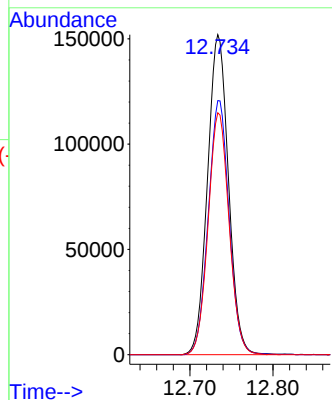
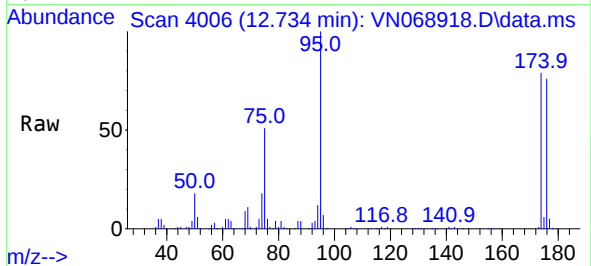




#62
4-Bromofluorobenzene
Concen: 46.027 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

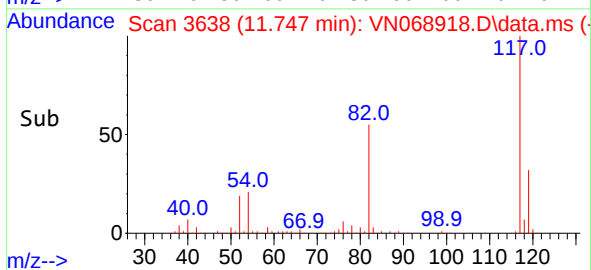
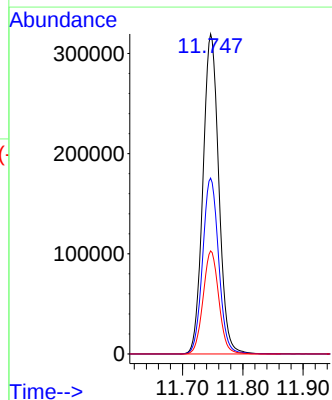
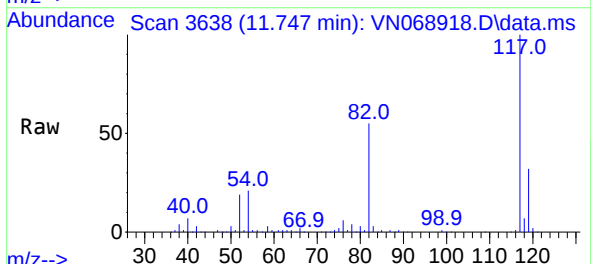
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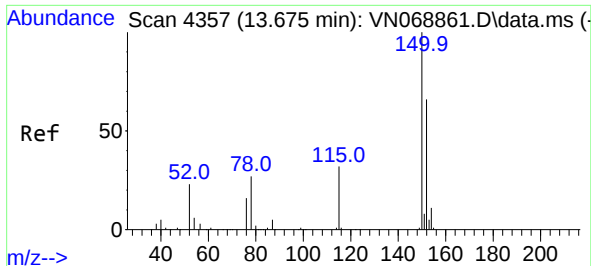
Tgt Ion: 95 Resp: 265846
Ion Ratio Lower Upper
95 100
174 79.2 0.0 144.8
176 75.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

Tgt Ion: 117 Resp: 583795
Ion Ratio Lower Upper
117 100
82 54.9 46.4 69.6
119 32.2 26.0 39.0

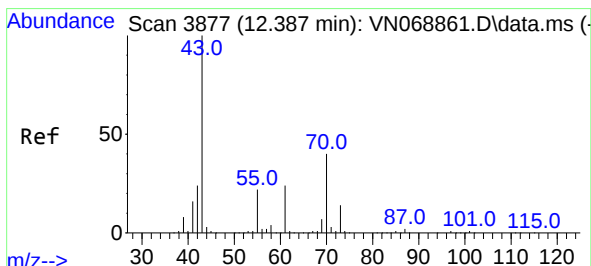
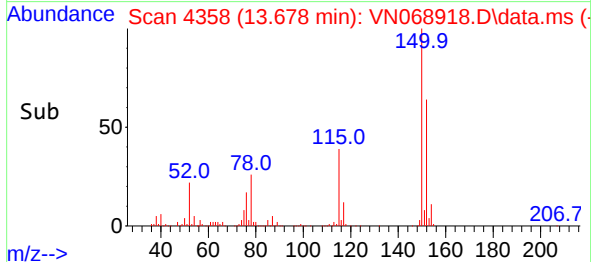
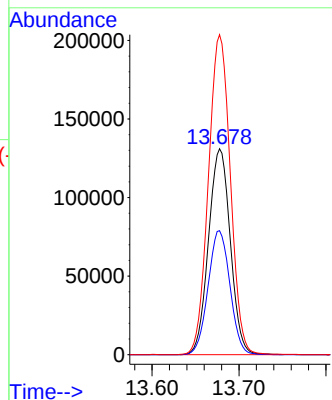
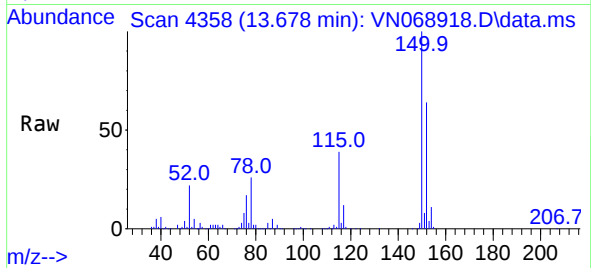




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

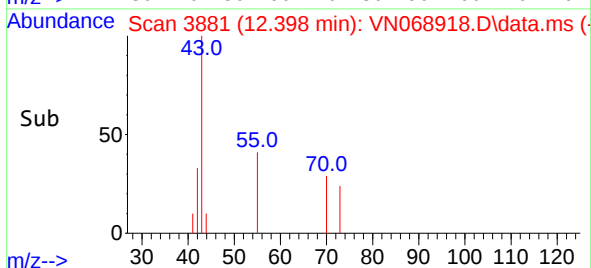
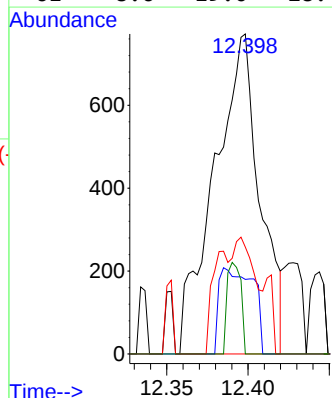
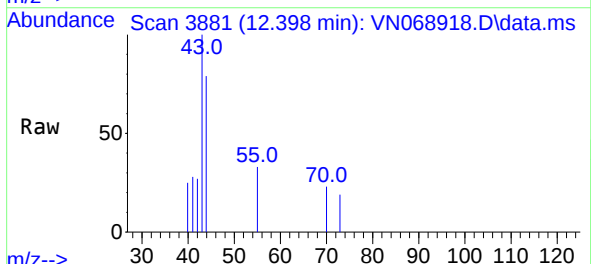
Instrument :
MSVOA_N
ClientSampleId :

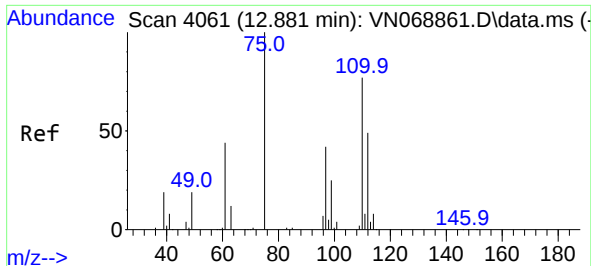
Tgt Ion:152 Resp: 228442
Ion Ratio Lower Upper
152 100
115 60.4 31.4 94.3
150 156.3 0.0 351.0



#74
N-ethyl acetate
Concen: 0.209 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.011 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
70 19.8 32.2 48.2#
55 11.5 18.0 27.0#
61 8.6 19.0 28.4#

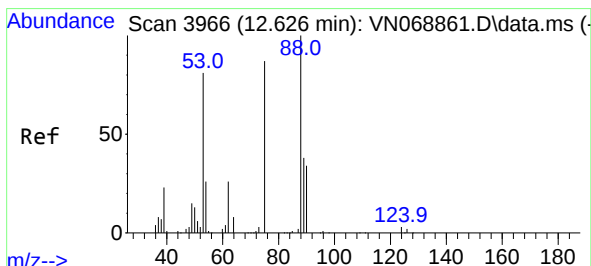
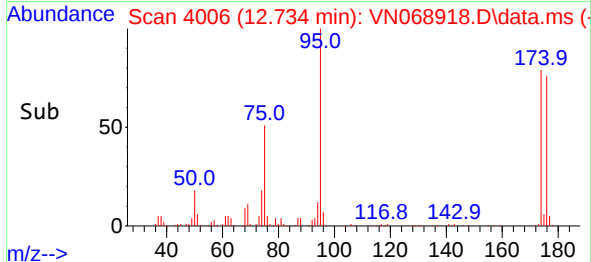
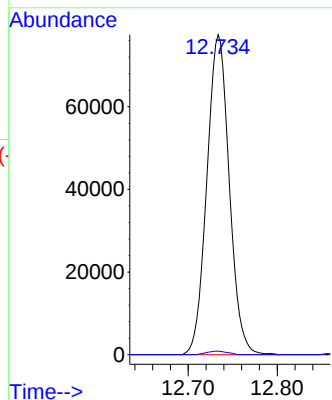
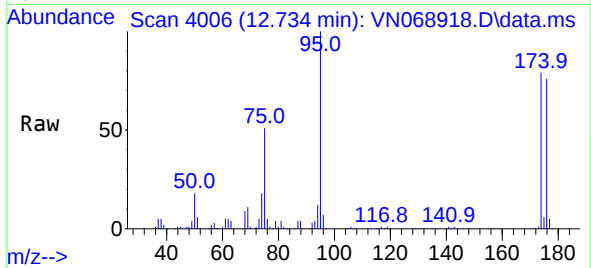




#76
1,2,3-Trichloropropane
Concen: 27.817 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

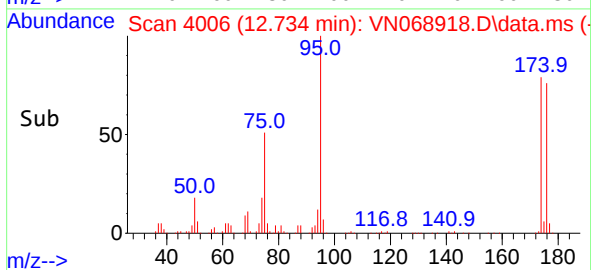
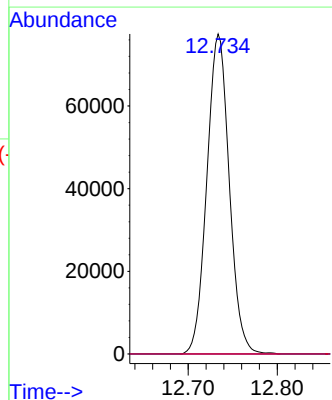
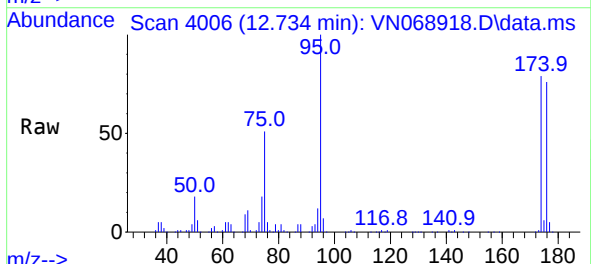
Instrument :
MSVOA_N
ClientSampleId :

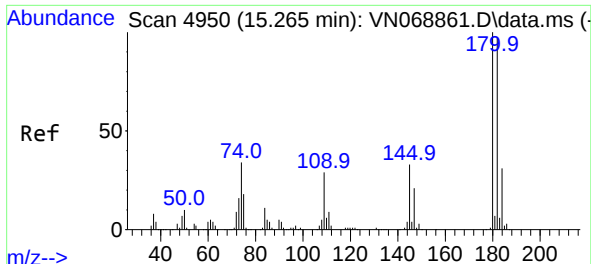
Tgt Ion: 75 Resp: 135208
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.551 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

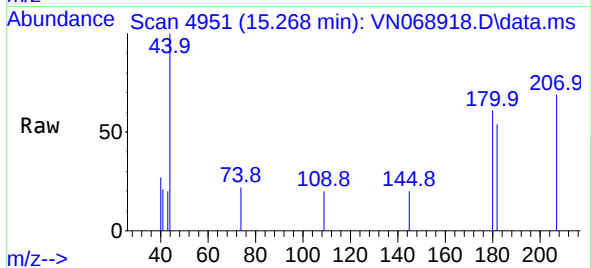
Tgt Ion: 75 Resp: 135208
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



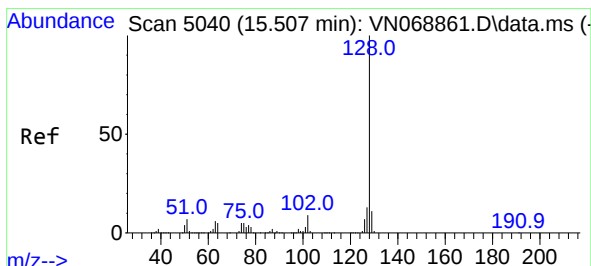
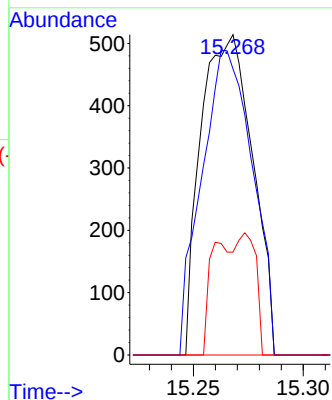
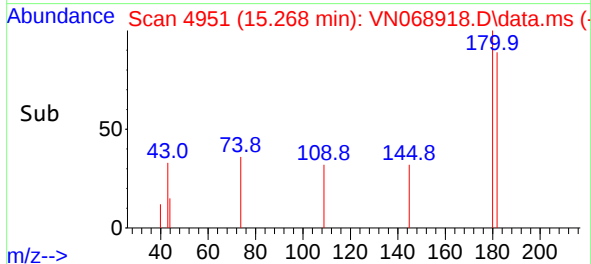


#93
1,2,4-Trichlorobenzene
Concen: 2.809 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15

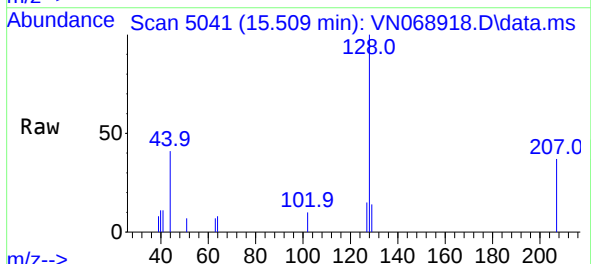
Instrument :
MSVOA_N
ClientSampled :



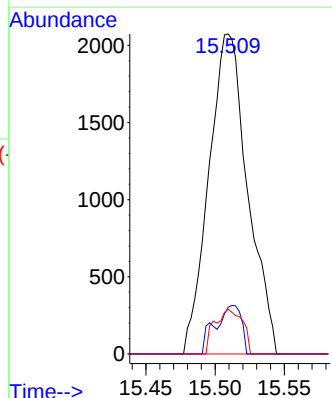
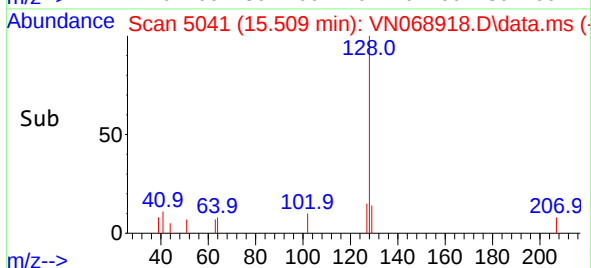
Tgt Ion:180 Resp: 839
Ion Ratio Lower Upper
180 100
182 93.8 47.9 143.7
145 13.0 16.4 49.2#

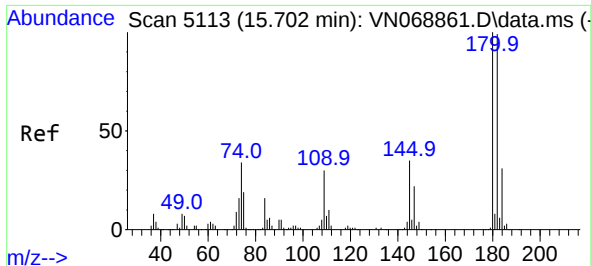


#95
Naphthalene
Concen: 4.164 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068918.D
Acq: 14 Oct 2021 12:15



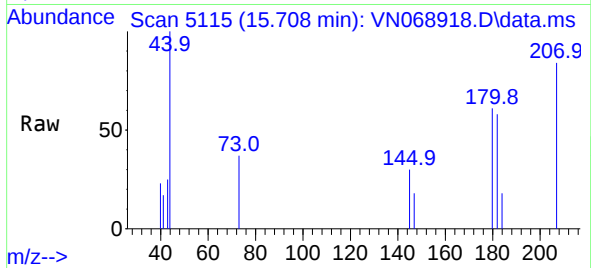
Tgt Ion:128 Resp: 4047
Ion Ratio Lower Upper
128 100
127 7.3 10.5 15.7#
129 10.0 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.769 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.006 min
 Lab File: VN068918.D
 Acq: 14 Oct 2021 12:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	980
Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.1	144.3
145	22.8	17.4	52.2

