

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067918.D
 Acq On : 26 Jul 2021 19:43
 Operator : JC/MD
 Sample : M3147-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 27 01:32:22 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	278366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	543015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	522778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	182400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229417	54.533	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.060%	
35) Dibromofluoromethane	8.024	113	169152	51.559	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.120%	
50) Toluene-d8	10.446	98	696200	50.697	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	12.736	95	226456	46.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.360%	

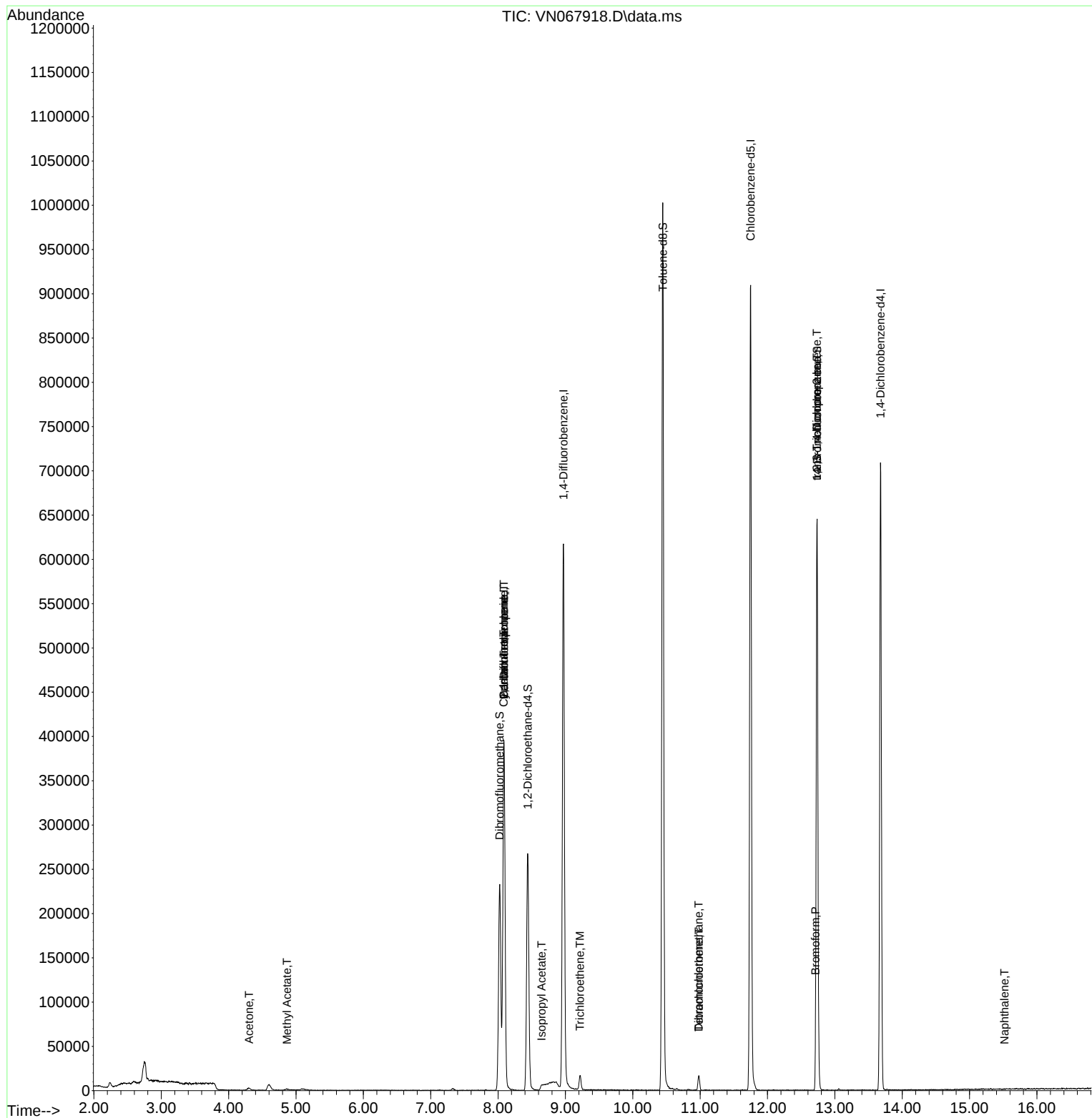
Target Compounds				Qvalue		
5) Bromomethane	2.853	94	301	Below Cal	#	71
6) Chloroethane	2.840	64	24	Below Cal	#	44
13) Acrolein	4.047	56	201	Below Cal	#	14
16) Acetone	4.301	43	5180	3.913	ug/l	97
18) Methyl Acetate	4.867	43	1306	0.351	ug/l	# 62
20) Methylene Chloride	5.095	84	309	Below Cal	#	17
31) Cyclohexane	8.083	56	7918	1.342	ug/l	# 42
36) 1,1-Dichloropropene	8.088	75	26233	5.201	ug/l	# 45
38) Carbon Tetrachloride	8.088	117	31468	6.325	ug/l	# 16
43) Isopropyl Acetate	8.646	43	3052	0.355	ug/l	# 58
44) Trichloroethene	9.215	130	5679	1.482	ug/l	76
60) Dibromochloromethane	10.979	129	3528	3.079	ug/l	# 11
64) Tetrachloroethene	10.982	164	3723	1.009	ug/l	# 85
71) Bromoform	12.712	173	81	3.198	ug/l	# 29
76) 1,2,3-Trichloropropane	12.733	75	130021	34.906	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	130021	112.539	ug/l	# 6
95) Naphthalene	15.520	128	186	3.032	ug/l	# 69

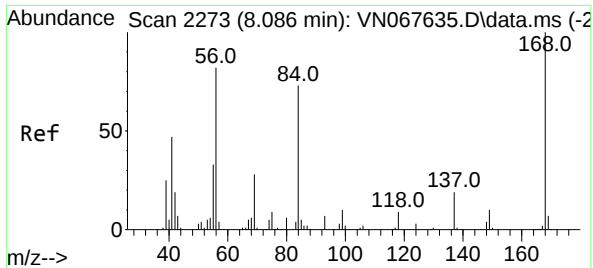
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
Data File : VN067918.D
Acq On : 26 Jul 2021 19:43
Operator : JC/MD
Sample : M3147-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 27 01:32:22 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

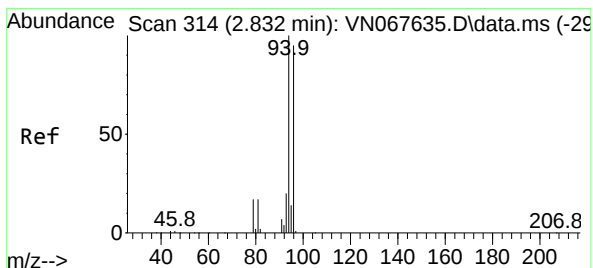
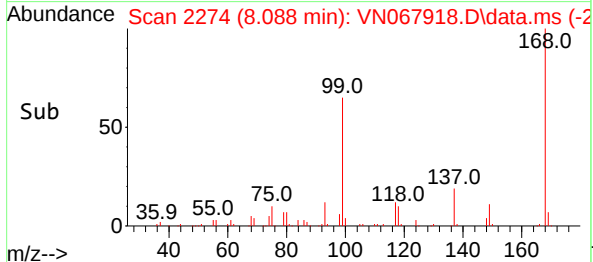
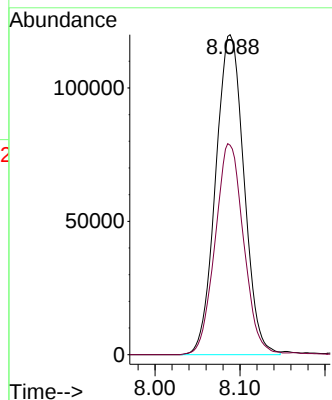
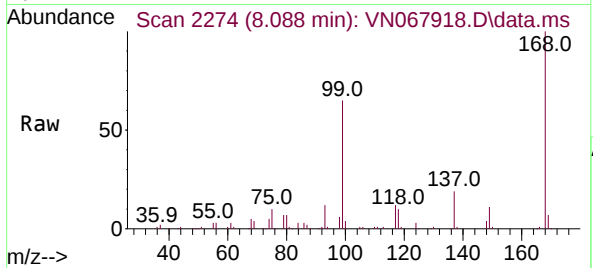




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

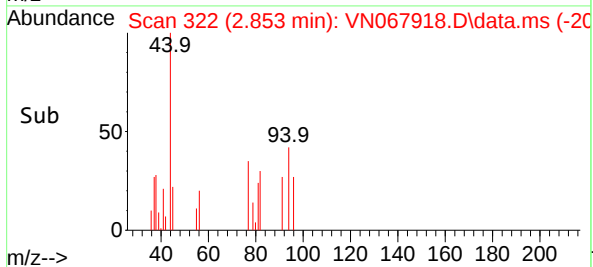
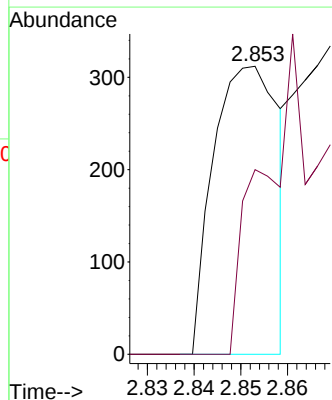
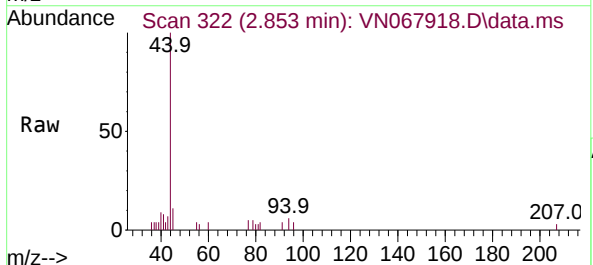
Instrument :
MSVOA_N
ClientSampleId :

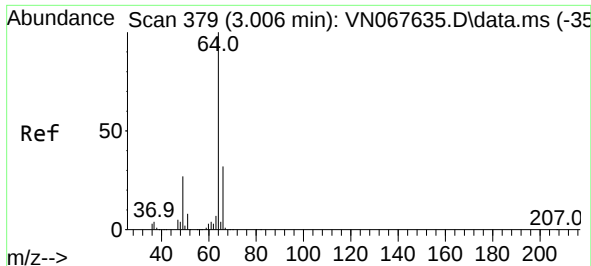
Tgt Ion:168 Resp: 278366
Ion Ratio Lower Upper
168 100
99 65.5 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.853 min Scan# 322
Delta R.T. 0.021 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 64.1 73.7 110.5#

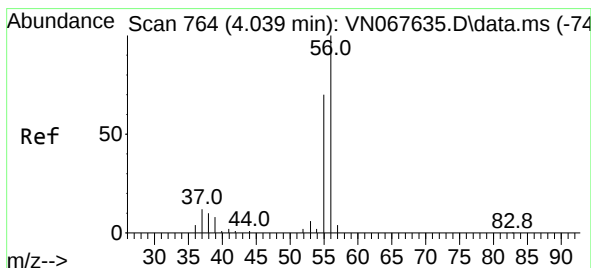
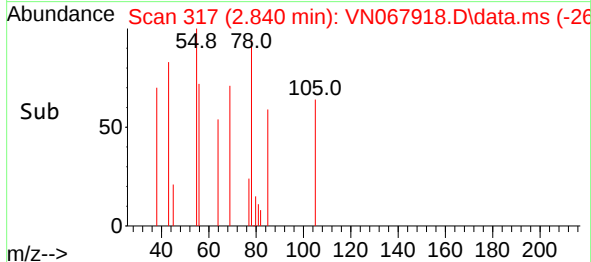
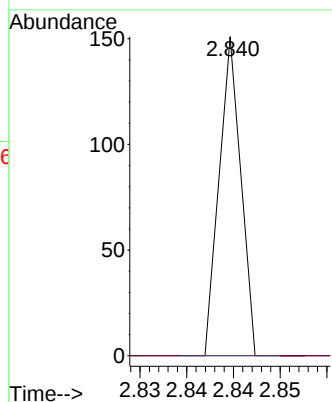
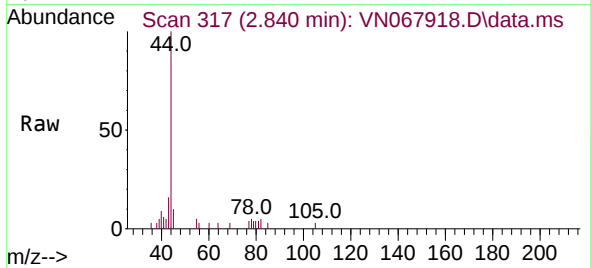




#6
Chloroethane
Concen: Below Cal
RT: 2.840 min Scan# 317
Delta R.T. -0.166 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

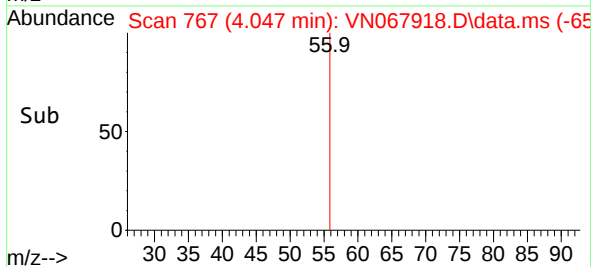
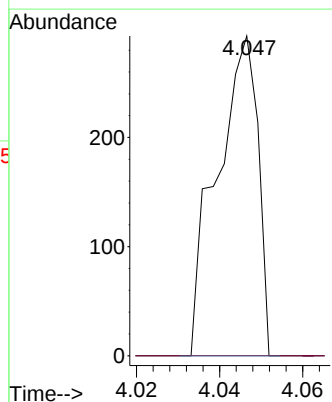
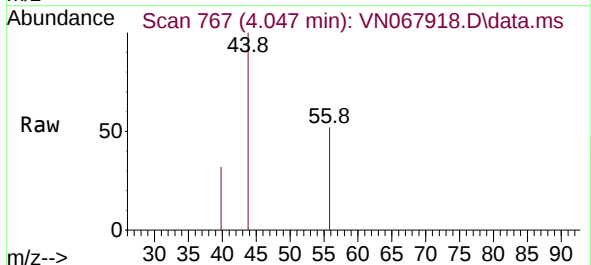
Instrument :
MSVOA_N
ClientSampleId :

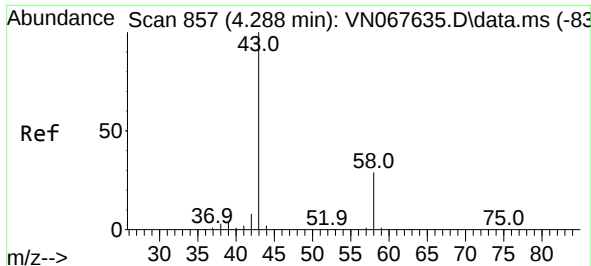
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Tgt Ion: 56 Resp: 201
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

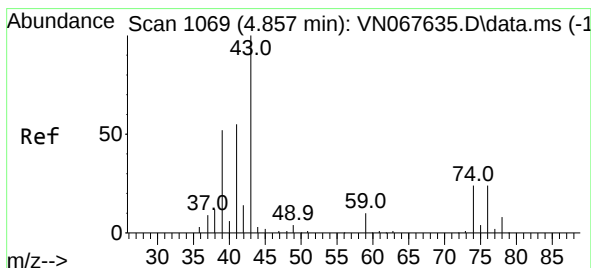
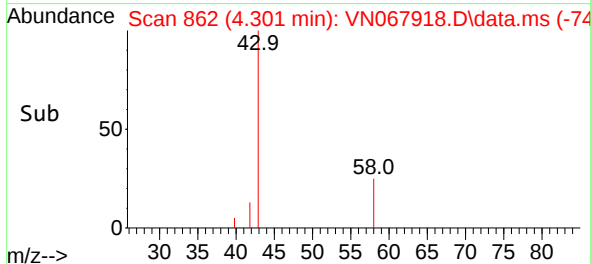
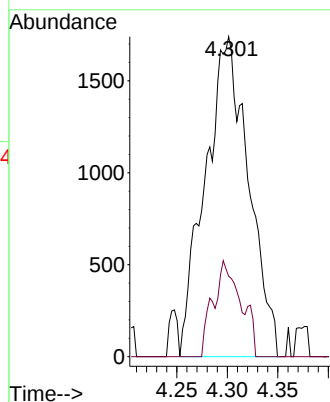
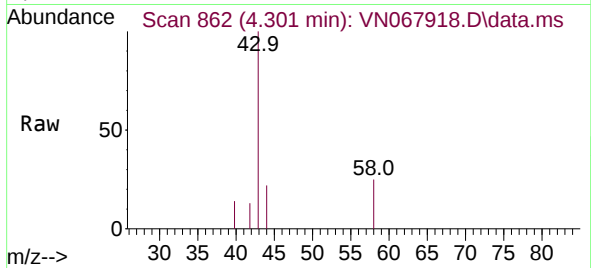




#16
Acetone
Concen: 3.913 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

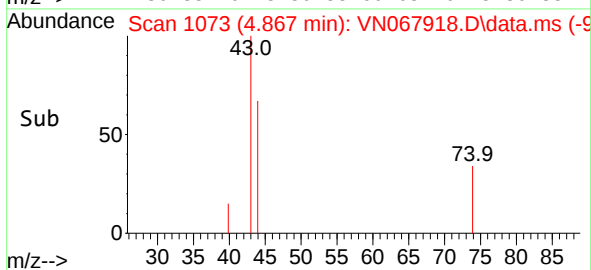
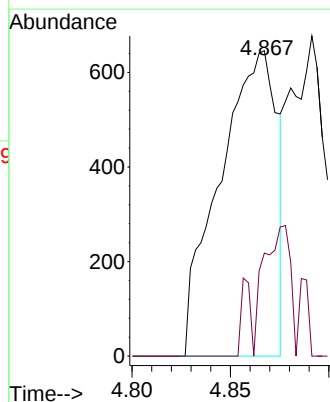
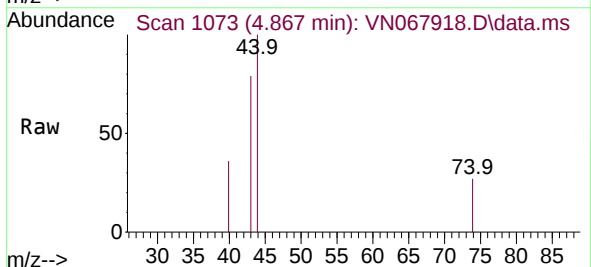
Instrument :
MSVOA_N
ClientSampled :

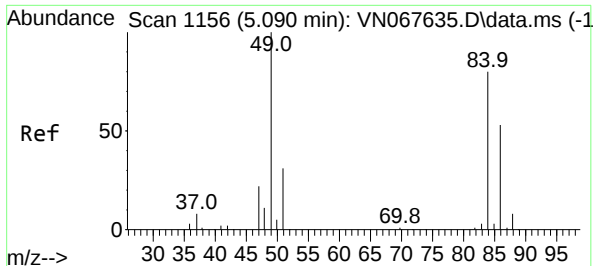
Tgt Ion: 43 Resp: 5180
Ion Ratio Lower Upper
43 100
58 25.1 21.2 31.8



#18
Methyl Acetate
Concen: 0.351 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

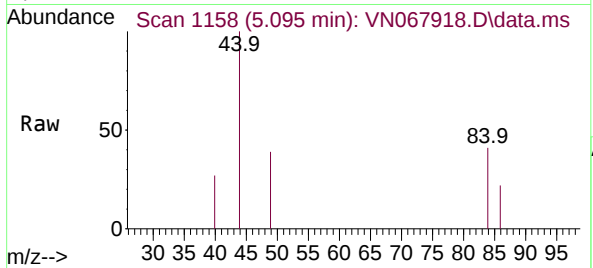
Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
74 3.9 17.4 26.0#



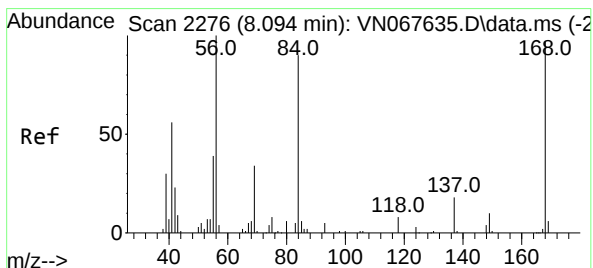
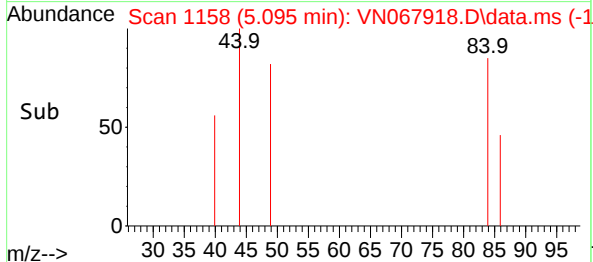
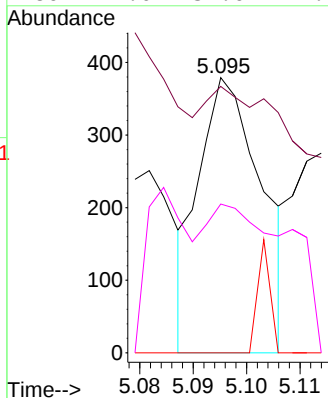


#20
Methylene Chloride
Concen: Below Cal
RT: 5.095 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Instrument :
MSVOA_N
ClientSampled :

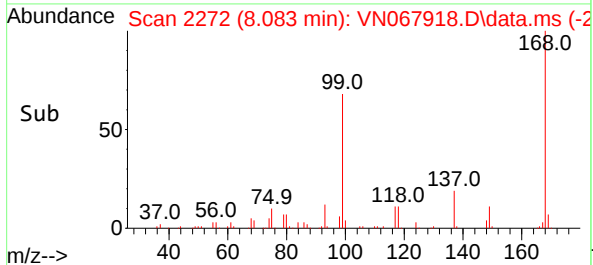
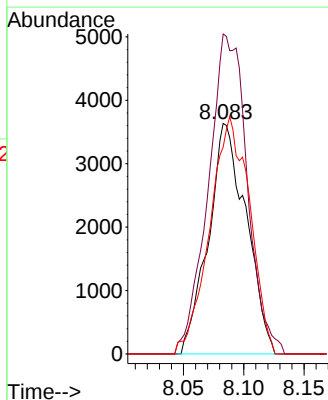
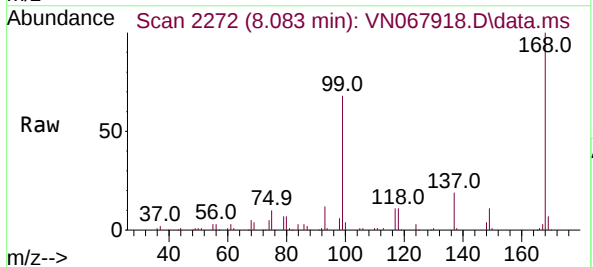


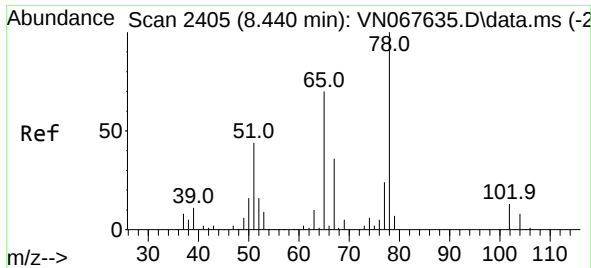
Tgt Ion:	84	Resp:	309
Ion	Ratio	Lower	Upper
84	100		
49	17.1	110.9	166.3#
51	0.0	32.6	49.0#
86	21.0	51.6	77.4#



#31
Cyclohexane
Concen: 1.342 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Tgt Ion:	56	Resp:	7918
Ion	Ratio	Lower	Upper
56	100		
69	133.9	27.3	40.9#
84	89.8	64.9	97.3

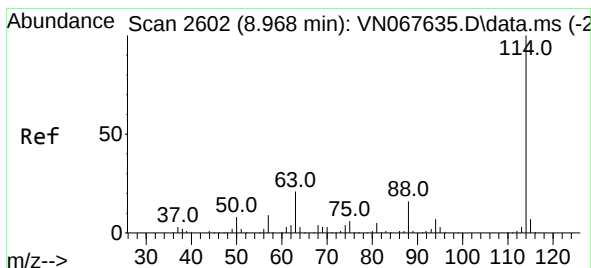
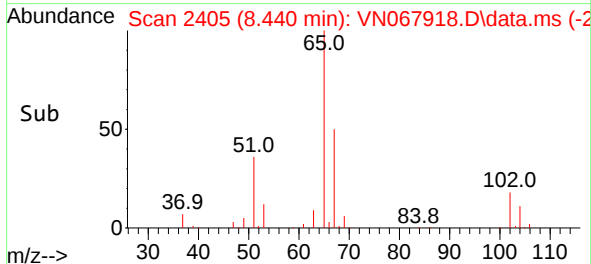
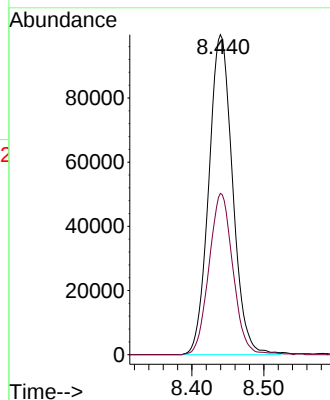
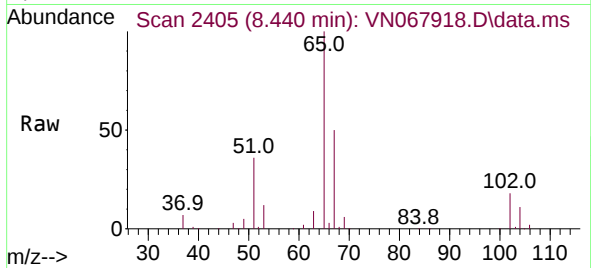




#33
1,2-Dichloroethane-d4
Concen: 54.533 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

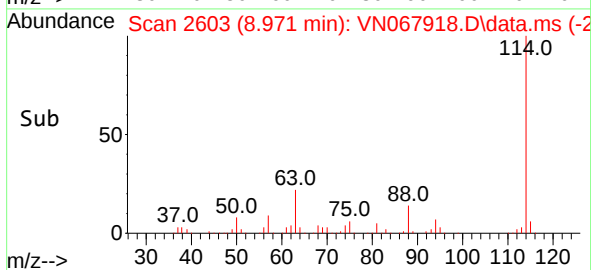
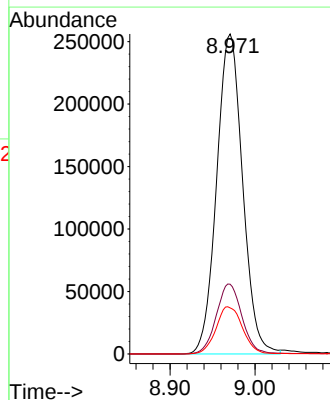
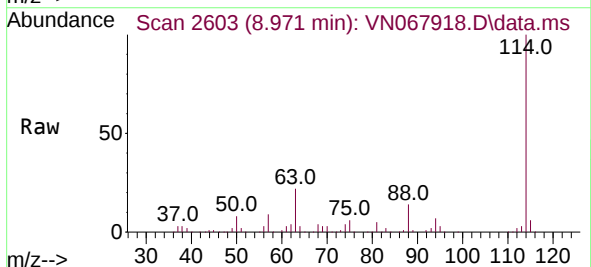
Instrument :
MSVOA_N
ClientSampled :

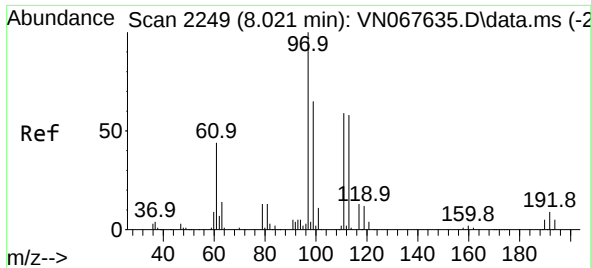
Tgt Ion: 65 Resp: 229417
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Tgt Ion: 114 Resp: 543015
Ion Ratio Lower Upper
114 100
63 21.8 0.0 49.0
88 14.4 0.0 36.6

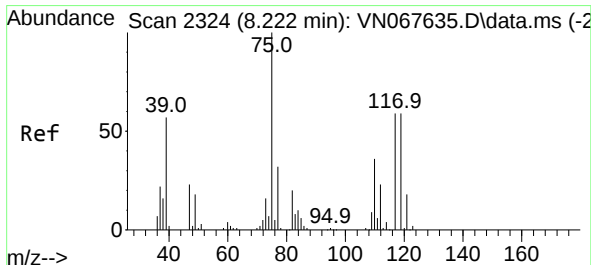
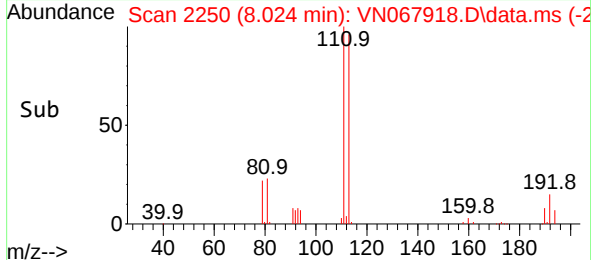
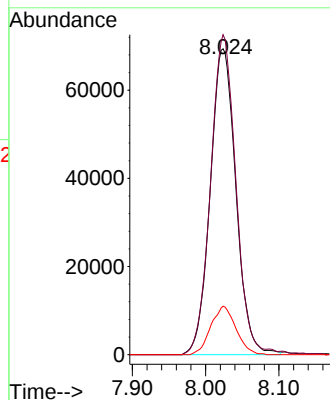
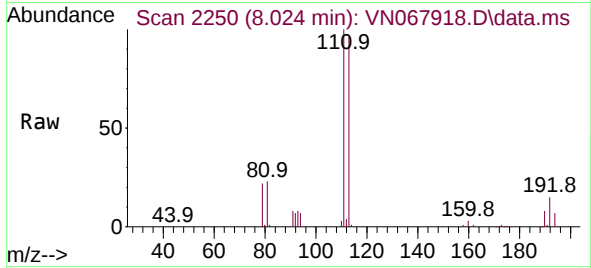




#35
Dibromofluoromethane
Concen: 51.559 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

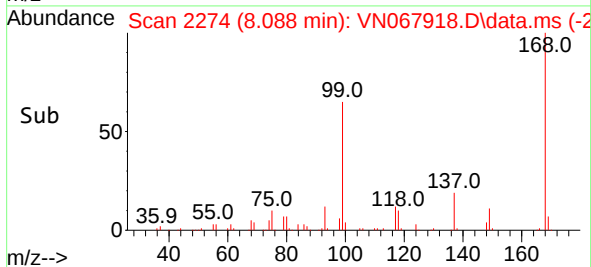
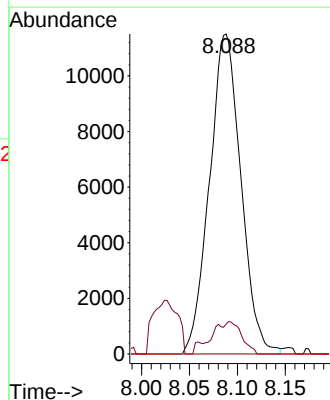
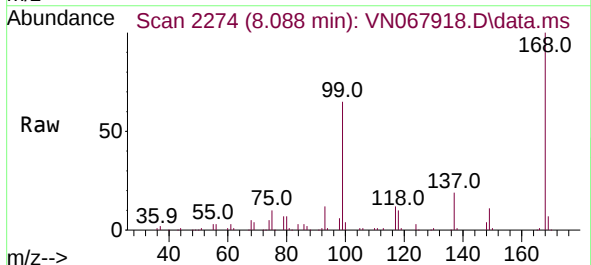
Instrument :
MSVOA_N
ClientSampled :

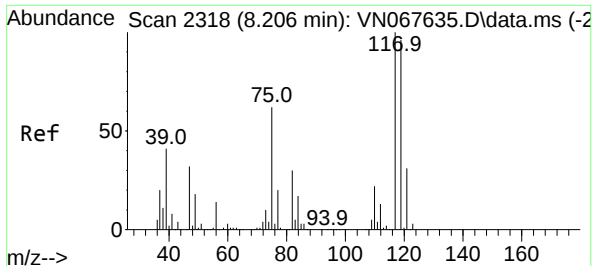
Tgt Ion:113 Resp: 169152
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 15.5 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.201 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

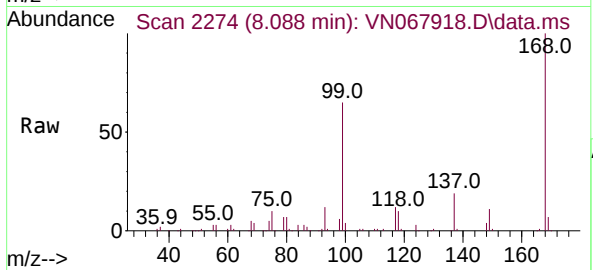
Tgt Ion: 75 Resp: 26233
Ion Ratio Lower Upper
75 100
110 1.7 15.7 47.0#
77 0.0 24.6 37.0#



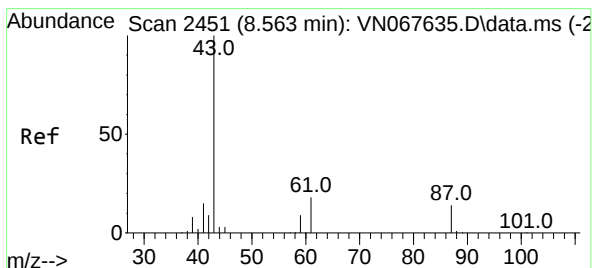
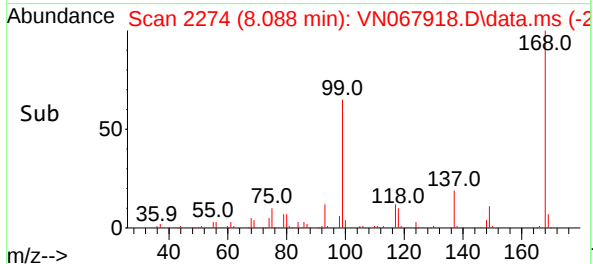
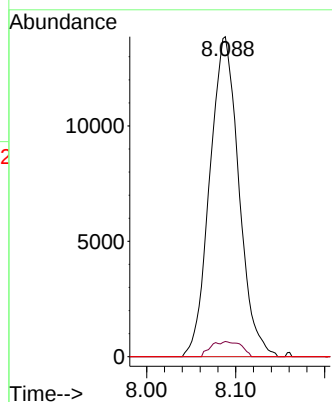


#38
Carbon Tetrachloride
Concen: 6.325 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :

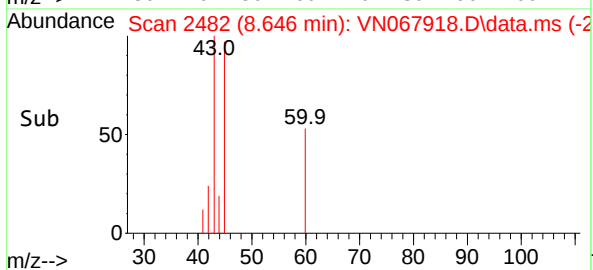
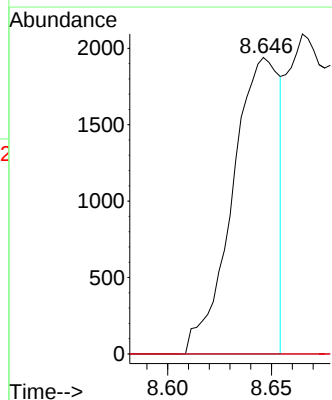
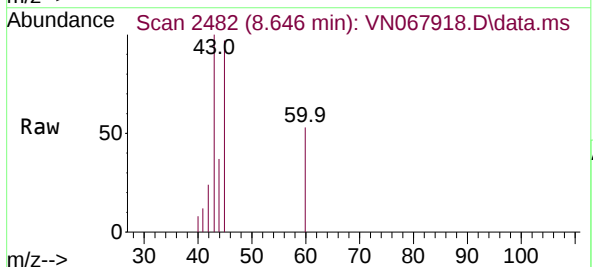


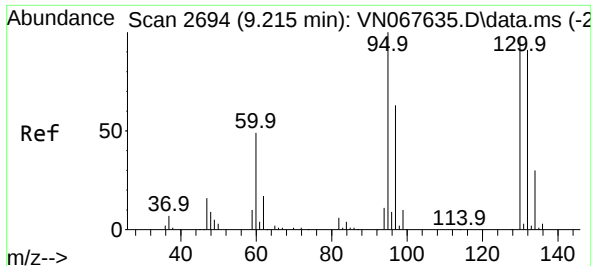
Tgt Ion:117 Resp: 31468
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.355 ug/l
RT: 8.646 min Scan# 2482
Delta R.T. 0.083 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Tgt Ion: 43 Resp: 3052
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

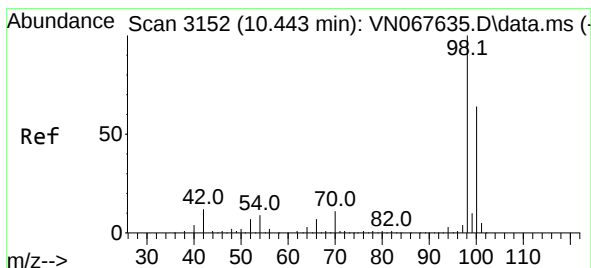
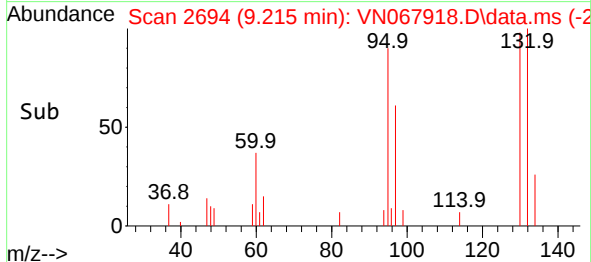
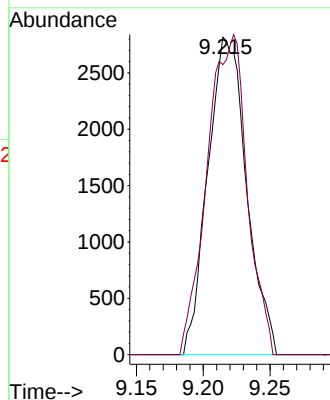
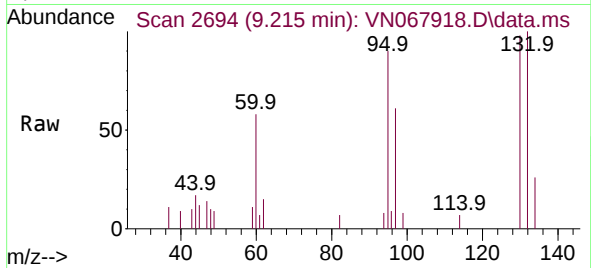




#44
Trichloroethene
Concen: 1.482 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

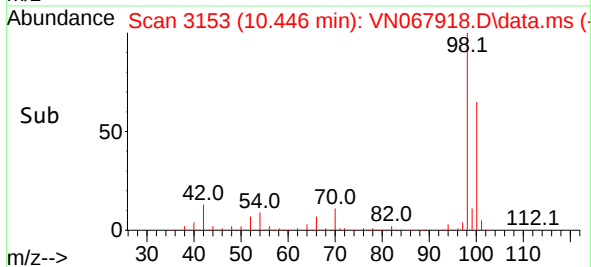
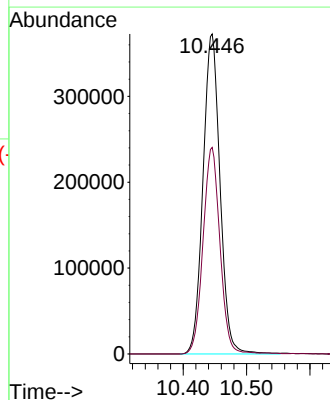
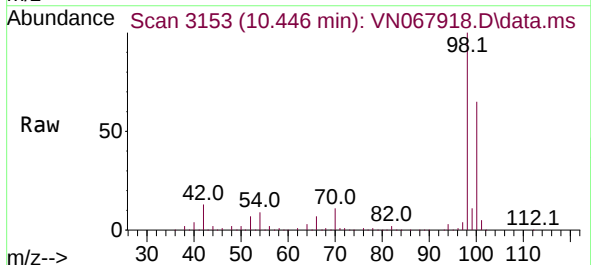
Instrument :
MSVOA_N
ClientSampled :

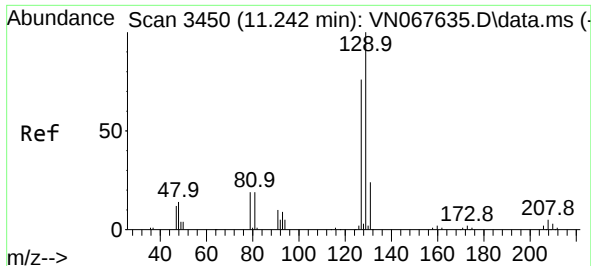
Tgt Ion:130 Resp: 5679
Ion Ratio Lower Upper
130 100
95 91.3 0.0 234.4



#50
Toluene-d8
Concen: 50.697 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Tgt Ion: 98 Resp: 696200
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

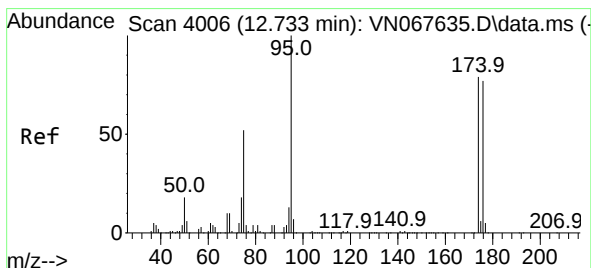
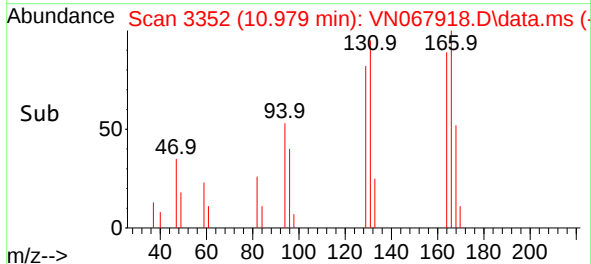
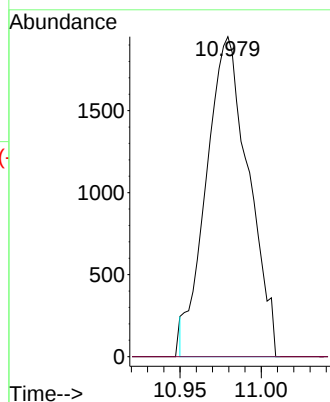
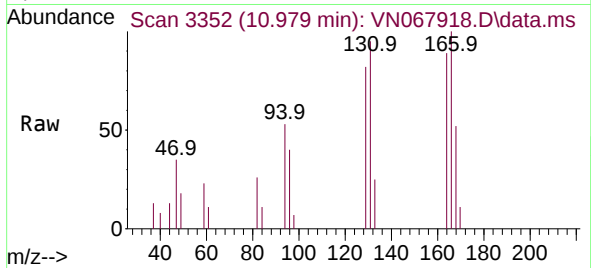




#60
Dibromochloromethane
Concen: 3.079 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.263 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

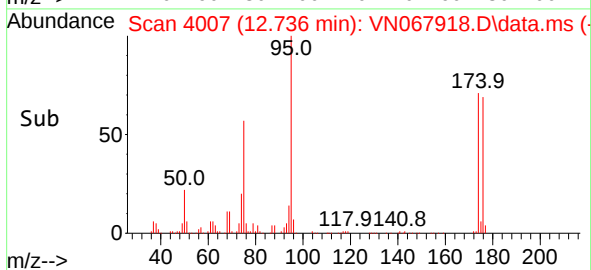
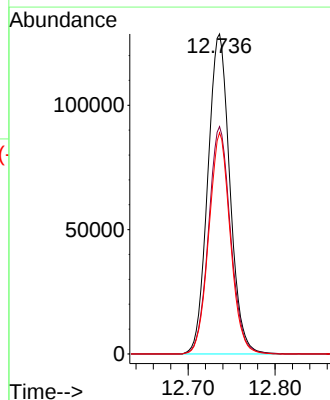
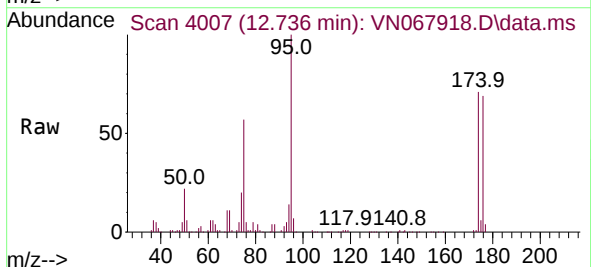
Instrument :
MSVOA_N
ClientSampleId :

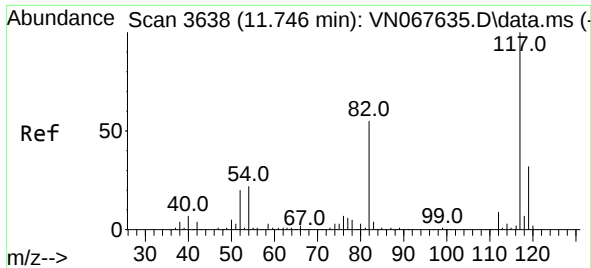
Tgt Ion:129 Resp: 3528
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 46.682 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Tgt Ion: 95 Resp: 226456
Ion Ratio Lower Upper
95 100
174 71.3 0.0 122.0
176 67.3 0.0 117.6

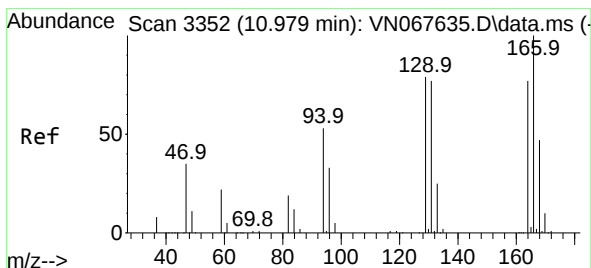
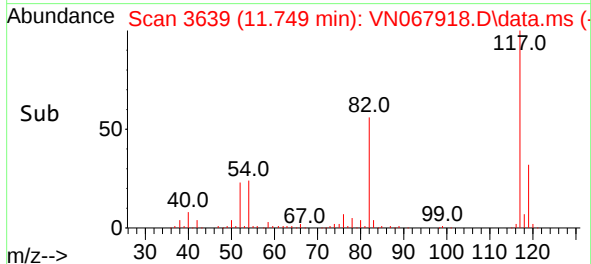
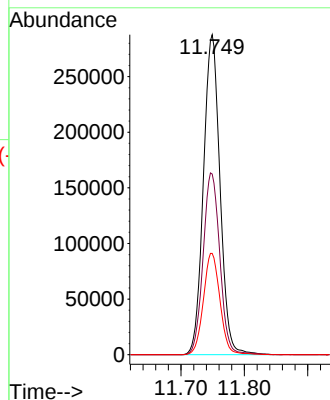
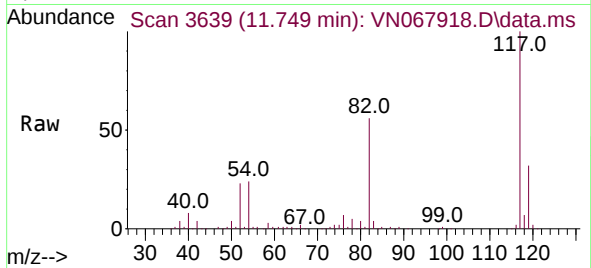




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

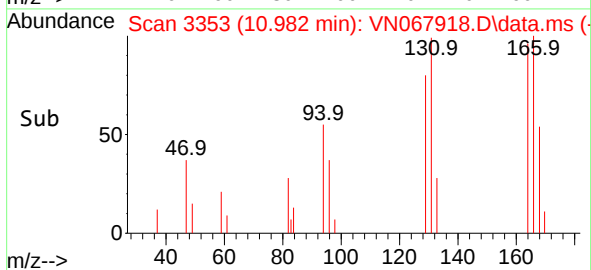
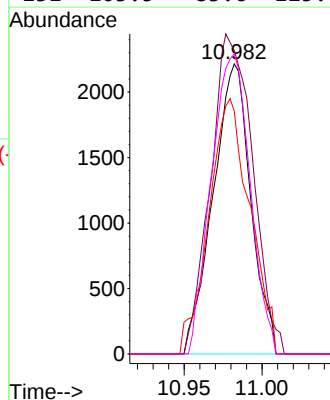
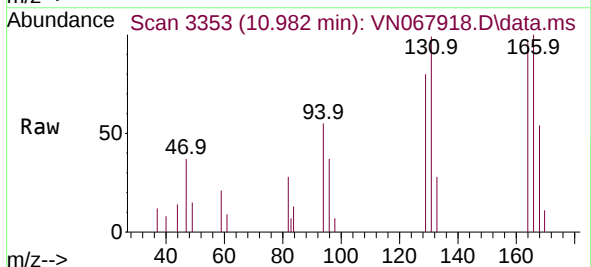
Instrument :
MSVOA_N
ClientSampleId :

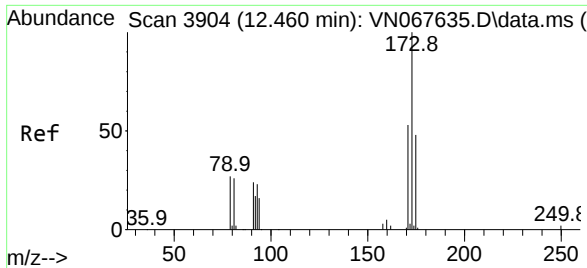
Tgt Ion:117 Resp: 522778
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 1.009 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Tgt Ion:164 Resp: 3723
Ion Ratio Lower Upper
164 100
166 104.6 102.1 153.1
129 83.7 86.9 130.3#
131 103.5 83.6 125.4

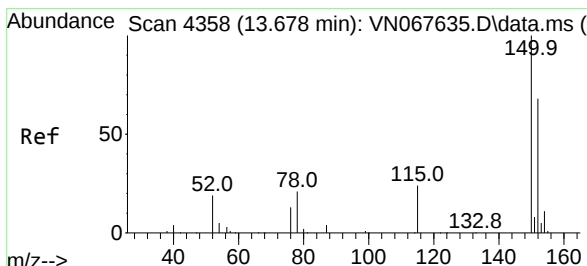
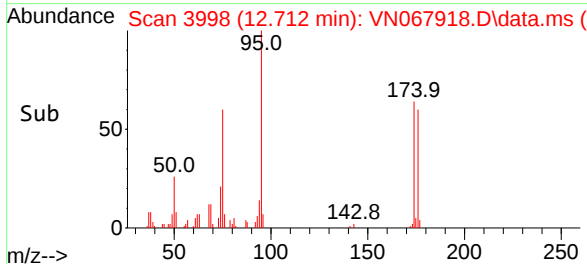
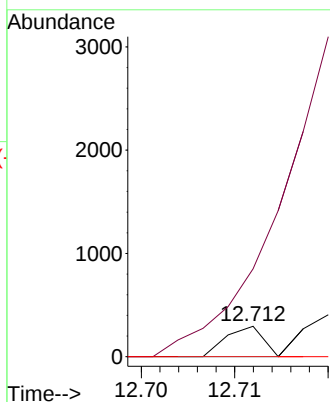
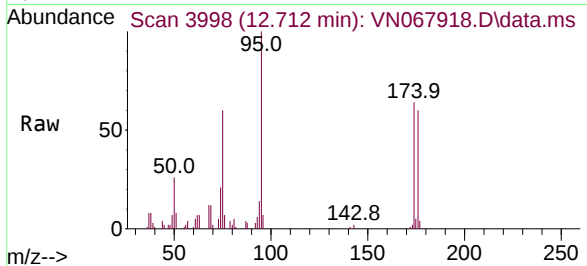




#71
Bromoform
Concen: 3.198 ug/l
RT: 12.712 min Scan# 3998
Delta R.T. 0.252 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

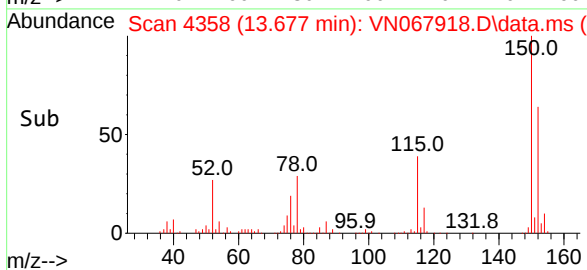
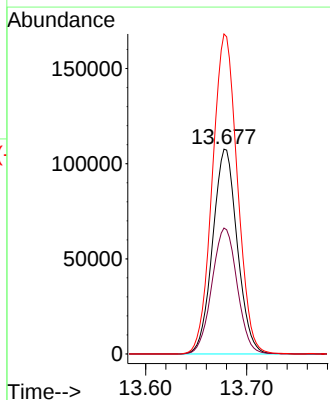
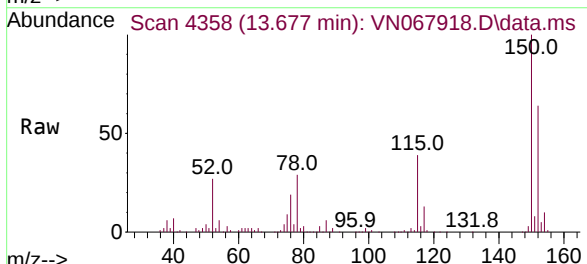
Instrument :
MSVOA_N
ClientSampleId :

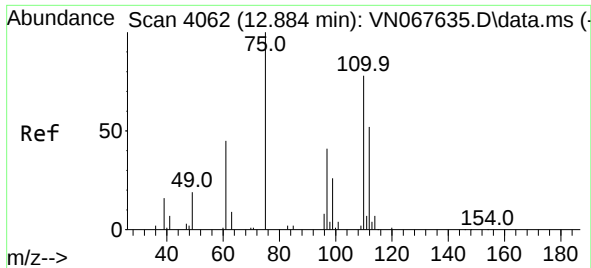
Tgt Ion:173 Resp: 81
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Tgt Ion:152 Resp: 182400
Ion Ratio Lower Upper
152 100
115 63.0 36.1 108.5
150 158.6 0.0 351.8

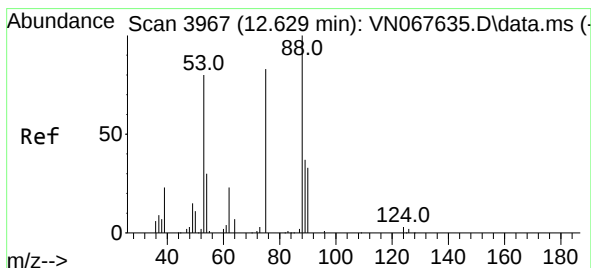
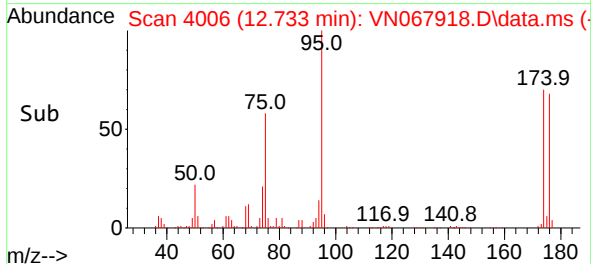
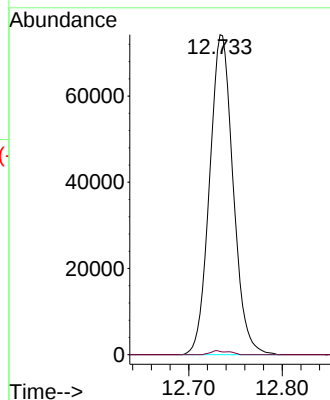
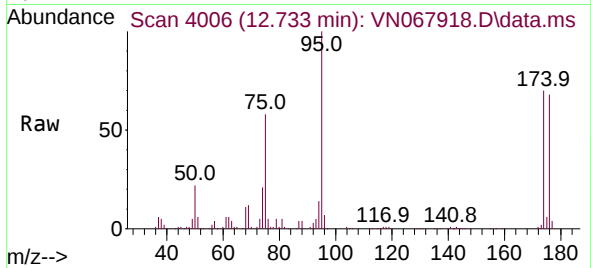




#76
1,2,3-Trichloropropane
Concen: 34.906 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

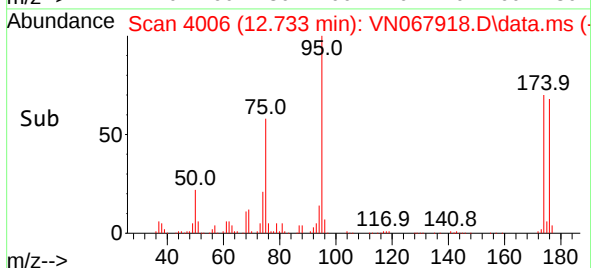
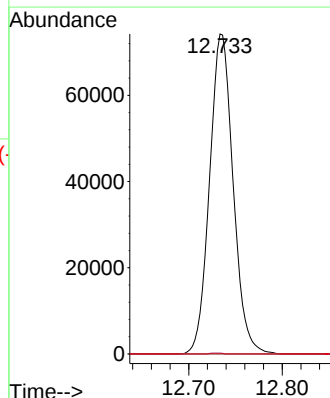
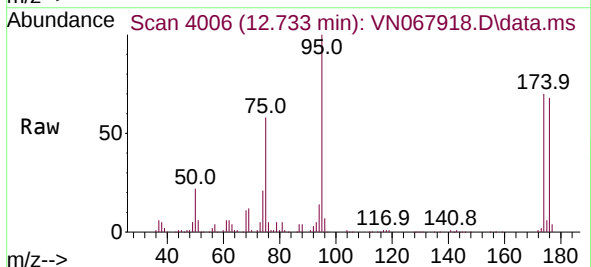
Instrument :
MSVOA_N
ClientSampleId :

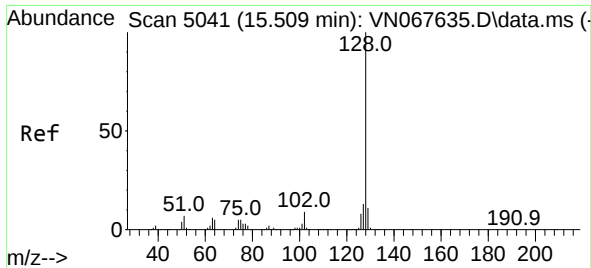
Tgt Ion: 75 Resp: 130021
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.539 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

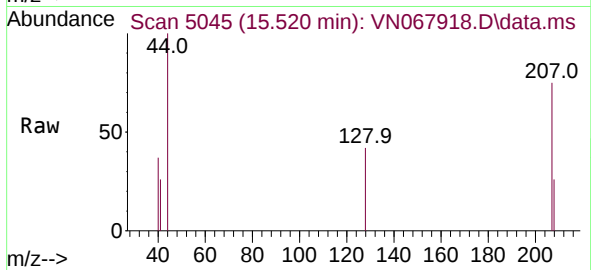
Tgt Ion: 75 Resp: 130021
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.032 ug/l
RT: 15.520 min Scan# 5045
Delta R.T. 0.011 min
Lab File: VN067918.D
Acq: 26 Jul 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	186
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	12.8#

