

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067915.D
 Acq On : 26 Jul 2021 18:29
 Operator : JC/MD
 Sample : M3147-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 27 01:31:53 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)

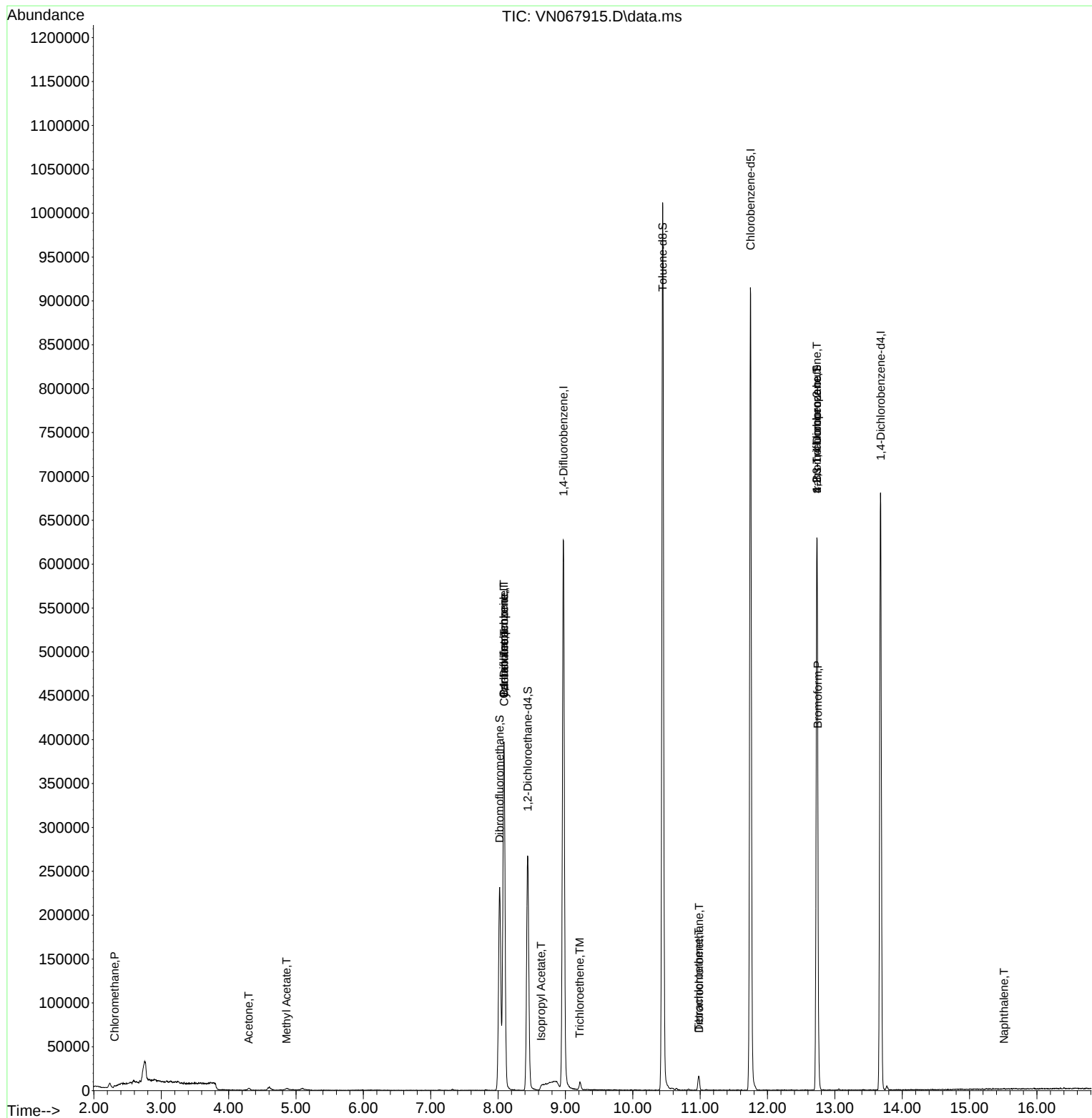
Internal Standards						
1) Pentafluorobenzene	8.088	168	284369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	546608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	523922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	177767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229078	53.303	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.600%
35) Dibromofluoromethane	8.024	113	167879	50.834	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.660%
50) Toluene-d8	10.443	98	699370	50.593	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.180%
62) 4-Bromofluorobenzene	12.733	95	223126	45.693	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.380%
Target Compounds						
						Qvalue
3) Chloromethane	2.306	50	1193	0.312	ug/l #	80
5) Bromomethane	2.826	94	144	Below Cal	#	4
6) Chloroethane	3.046	64	25	Below Cal	#	44
13) Acrolein	3.786	56	24	Below Cal	#	1
16) Acetone	4.296	43	3608	2.668	ug/l #	90
18) Methyl Acetate	4.859	43	2113	0.556	ug/l #	89
20) Methylene Chloride	5.093	84	464	Below Cal	#	23
31) Cyclohexane	8.091	56	7529	1.249	ug/l #	9
36) 1,1-Dichloropropene	8.088	75	26510	5.221	ug/l #	51
38) Carbon Tetrachloride	8.086	117	31408	6.271	ug/l #	17
43) Isopropyl Acetate	8.638	43	1944	0.225	ug/l #	58
44) Trichloroethene	9.212	130	2847	0.738	ug/l	89
60) Dibromochloromethane	10.985	129	3488	3.067	ug/l #	11
64) Tetrachloroethene	10.977	164	3386	0.916	ug/l	91
71) Bromoform	12.747	173	346	3.272	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	124769	34.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	124769	110.808	ug/l #	6
95) Naphthalene	15.512	128	506	3.067	ug/l #	69

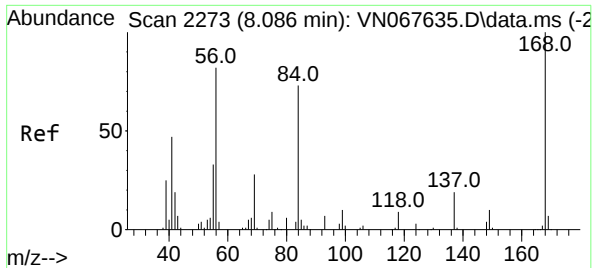
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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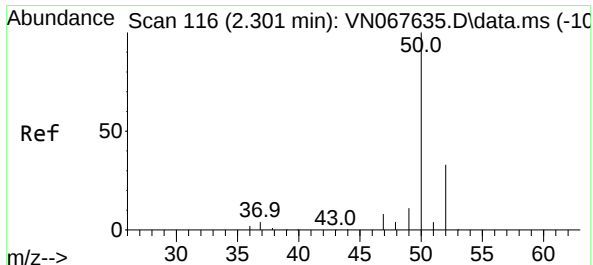
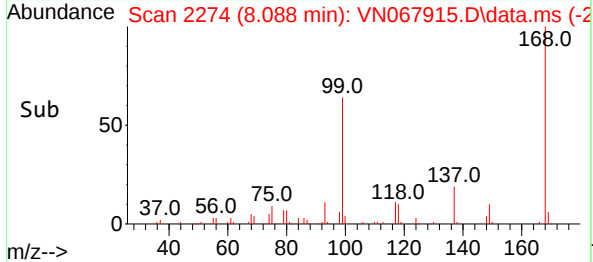
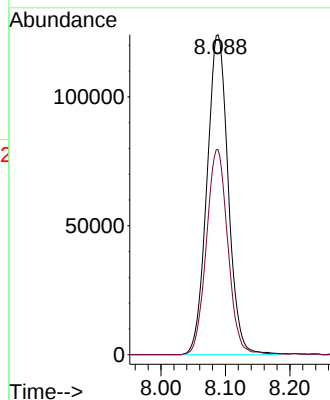
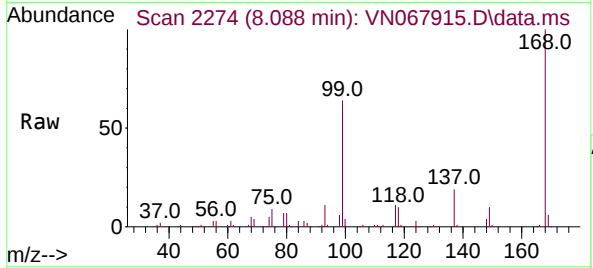




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

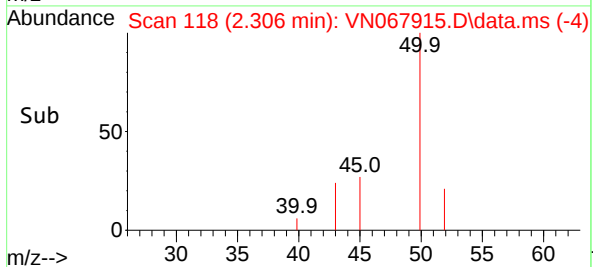
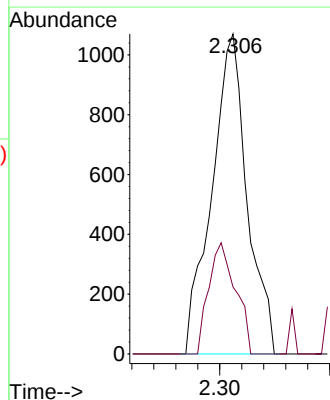
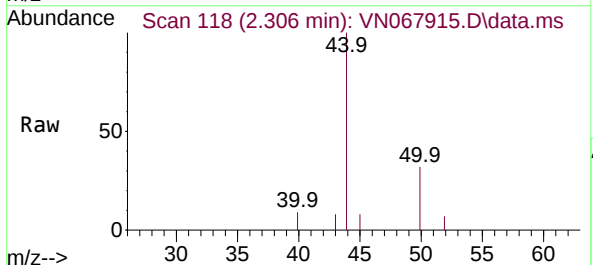
Instrument :
MSVOA_N
ClientSampleId :

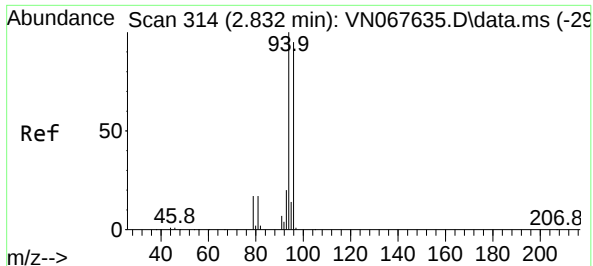
Tgt Ion:168 Resp: 284369
Ion Ratio Lower Upper
168 100
99 64.1 62.9 94.3



#3
Chloromethane
Concen: 0.312 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

Tgt Ion: 50 Resp: 1193
Ion Ratio Lower Upper
50 100
52 20.9 25.6 38.4#

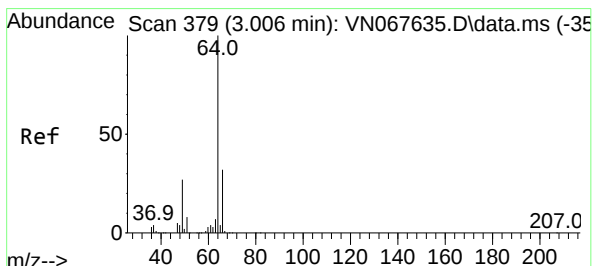
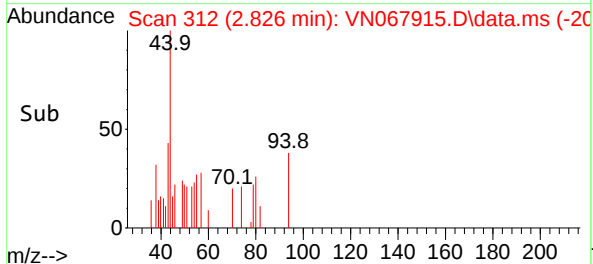
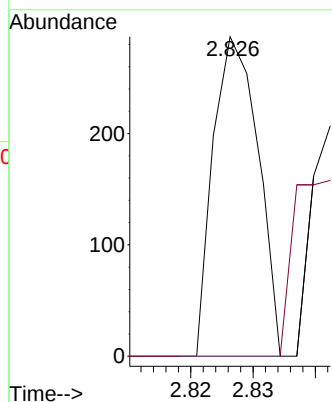
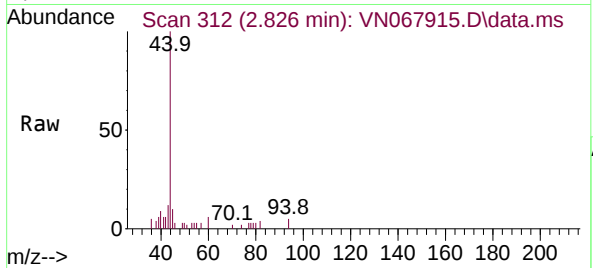




#5
Bromomethane
Concen: Below Cal
RT: 2.826 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

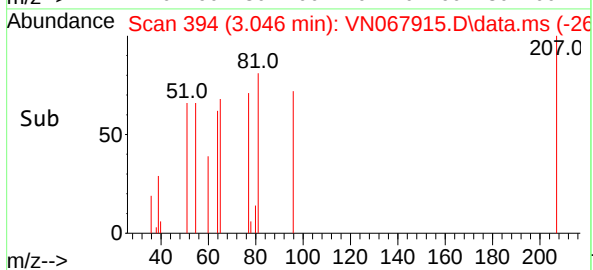
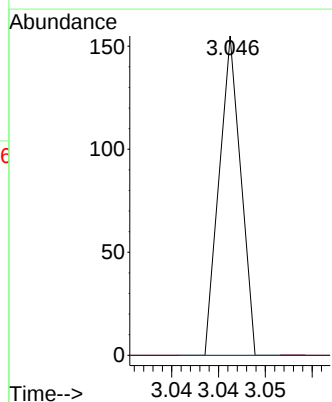
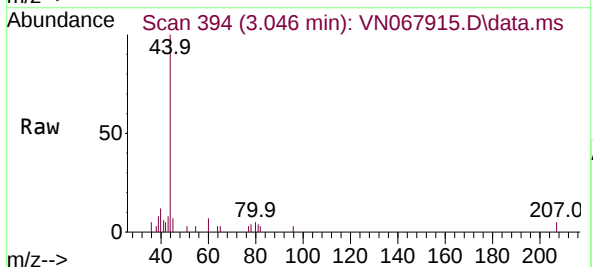
Instrument :
MSVOA_N
ClientSampleId :

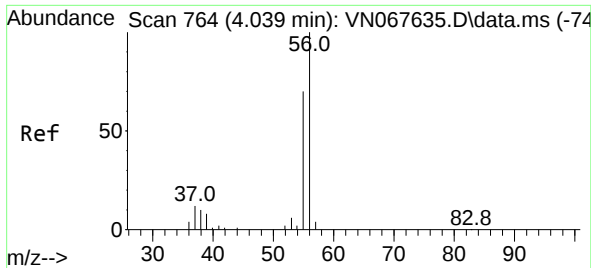
Tgt Ion: 94 Resp: 144
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.046 min Scan# 394
Delta R.T. 0.040 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

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

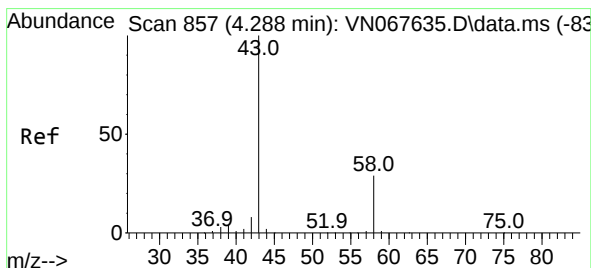
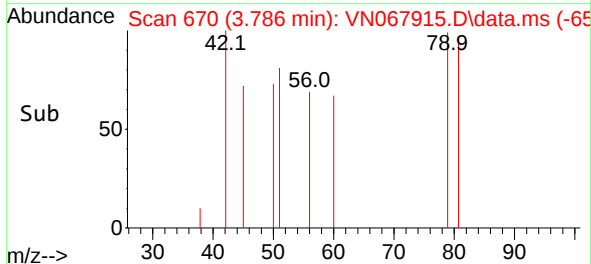
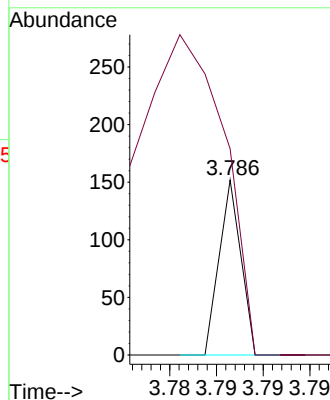
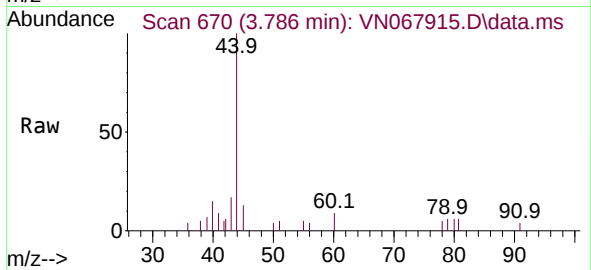




#13
Acrolein
Concen: Below Cal
RT: 3.786 min Scan# 670
Delta R.T. -0.253 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

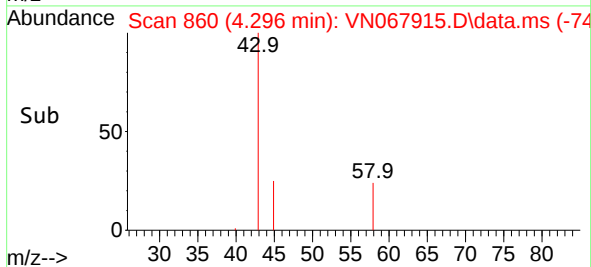
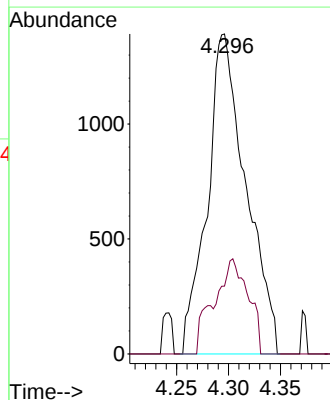
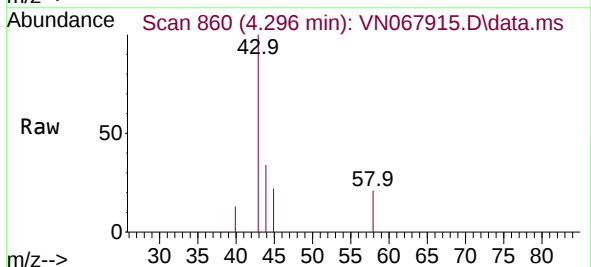
Instrument :
MSVOA_N
ClientSampled :

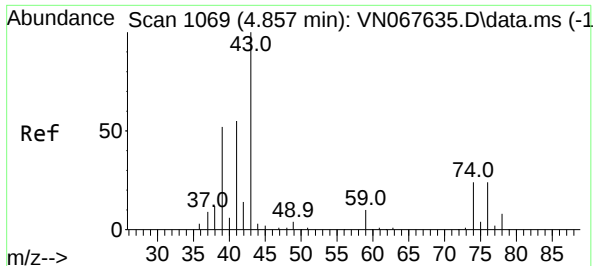
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 625.0 57.4 86.0#



#16
Acetone
Concen: 2.668 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

Tgt Ion: 43 Resp: 3608
Ion Ratio Lower Upper
43 100
58 21.2 21.2 31.8#

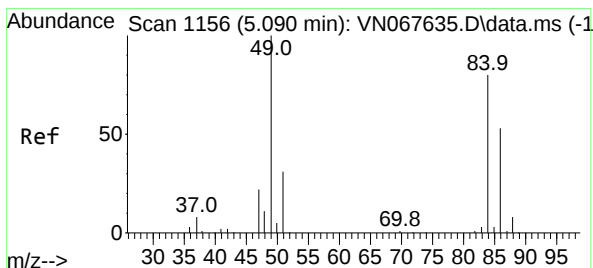
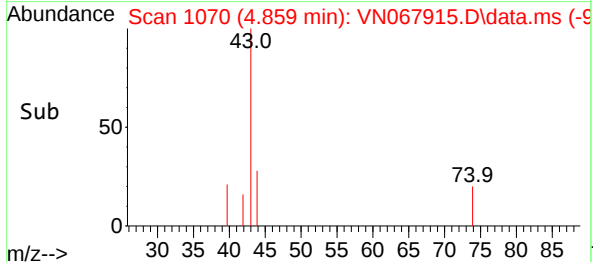
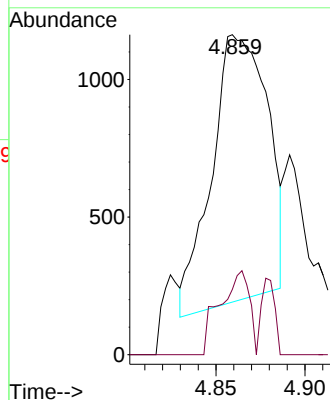
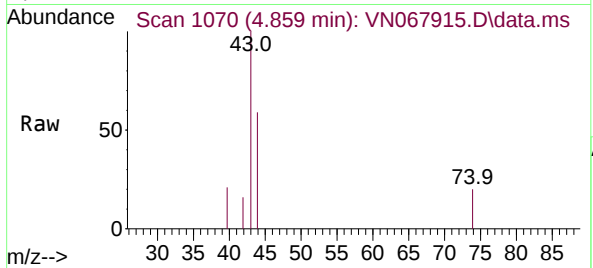




#18
Methyl Acetate
Concen: 0.556 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

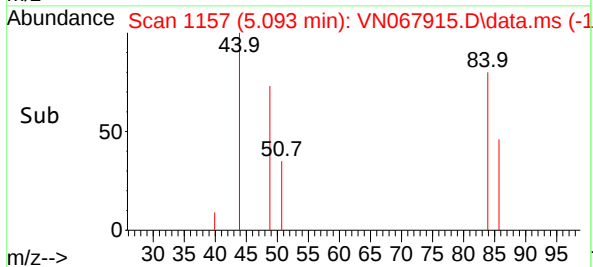
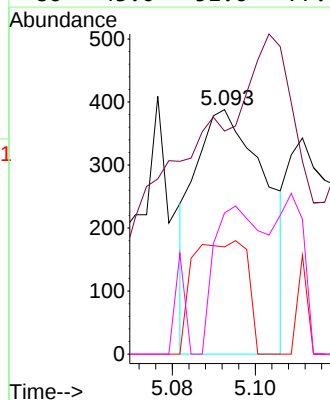
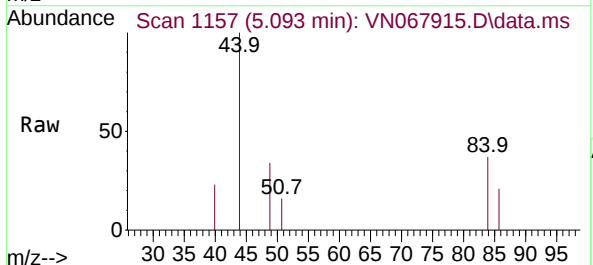
Instrument :
MSVOA_N
ClientSampleId :

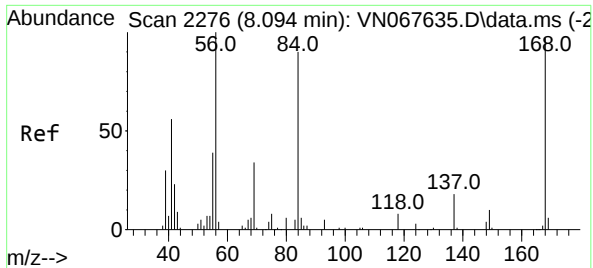
Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
74 16.6 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.093 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

Tgt Ion: 84 Resp: 464
Ion Ratio Lower Upper
84 100
49 32.2 110.9 166.3#
51 114.1 32.6 49.0#
86 43.0 51.6 77.4#

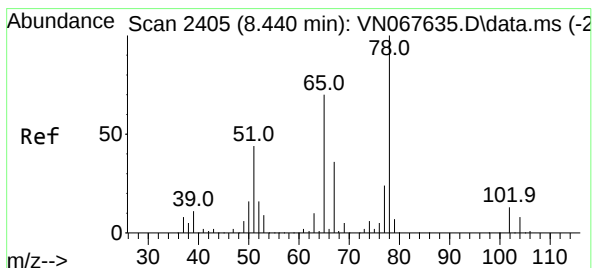
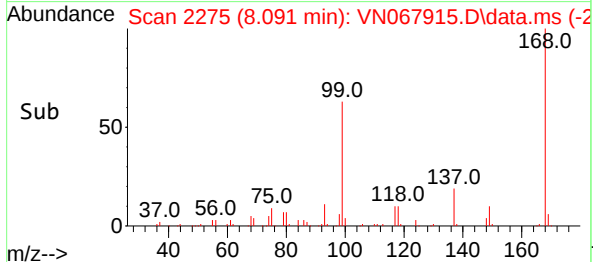
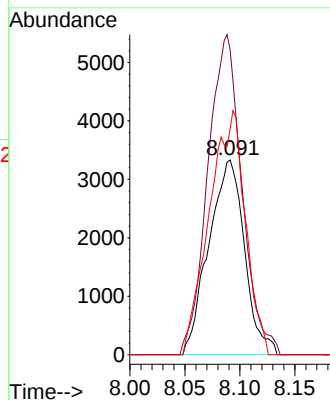
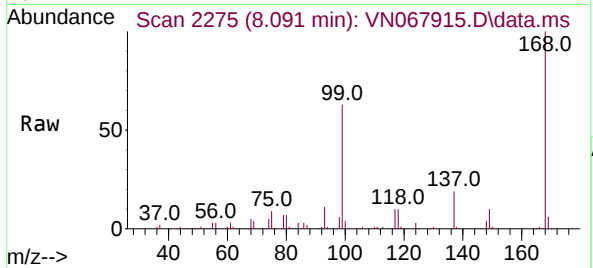




#31
Cyclohexane
Concen: 1.249 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

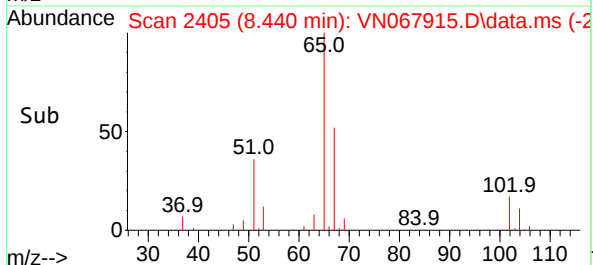
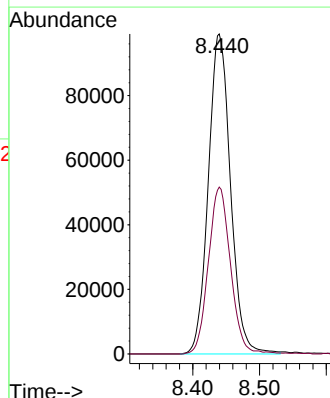
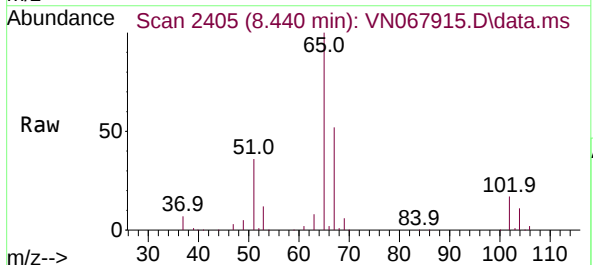
Instrument :
MSVOA_N
ClientSampled :

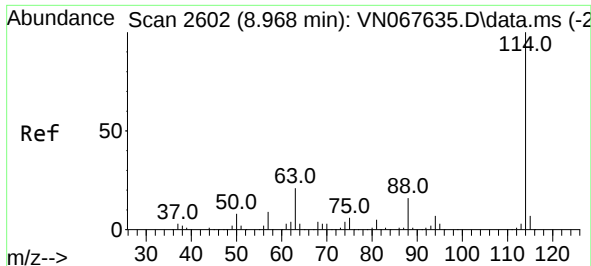
Tgt Ion: 56 Resp: 7529
Ion Ratio Lower Upper
56 100
69 156.6 27.3 40.9#
84 116.0 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 53.303 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

Tgt Ion: 65 Resp: 229078
Ion Ratio Lower Upper
65 100
67 51.7 0.0 98.6

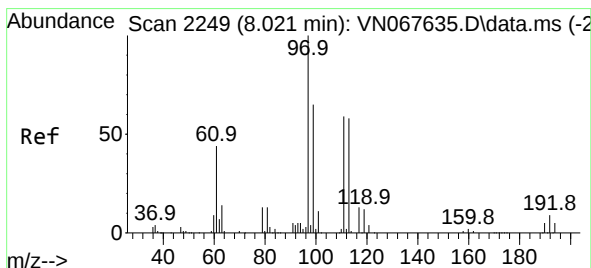
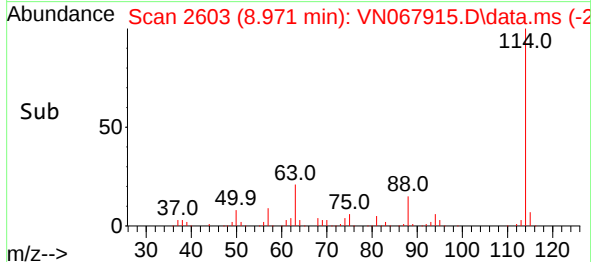
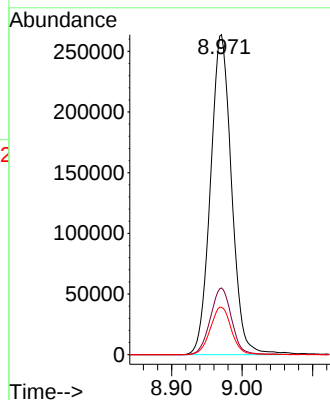
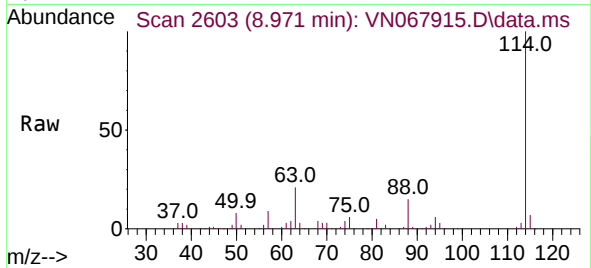




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

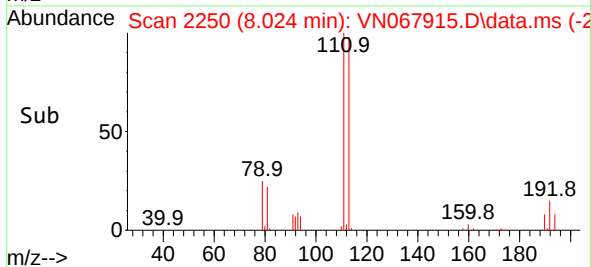
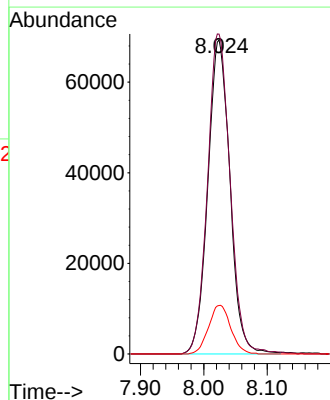
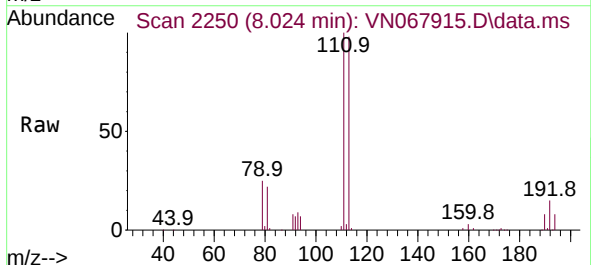
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ClientSampled :

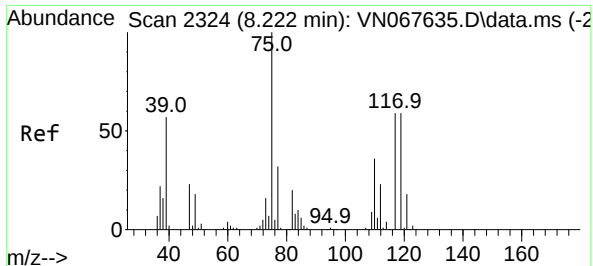
Tgt Ion:114 Resp: 546608
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.834 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

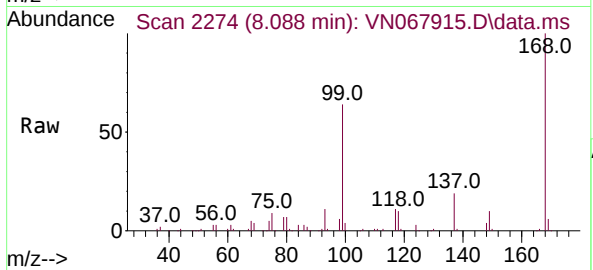
Tgt Ion:113 Resp: 167879
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.8
192 15.6 13.4 20.0



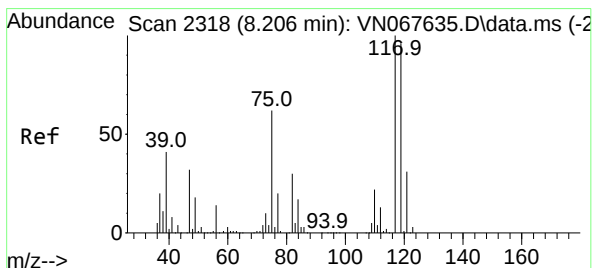
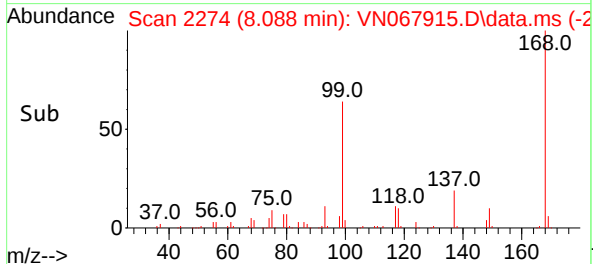
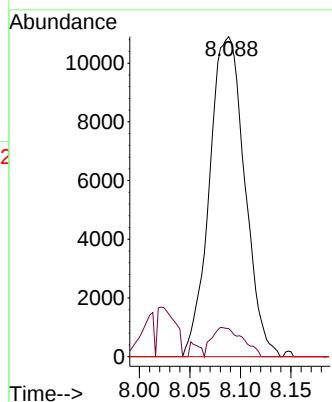


#36
 1,1-Dichloropropene
 Concen: 5.221 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN067915.D
 Acq: 26 Jul 2021 18:29

Instrument :
 MSVOA_N
 ClientSampled :

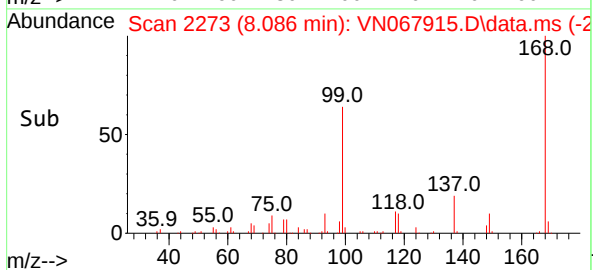
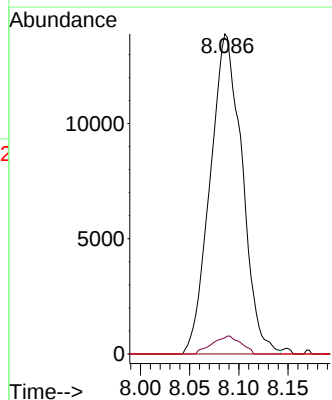
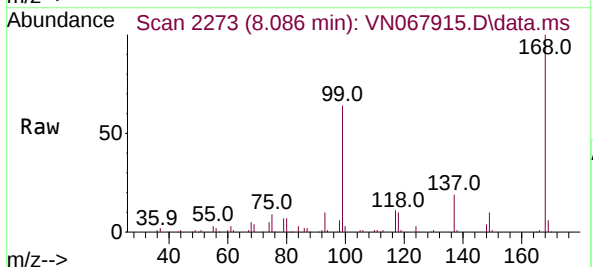


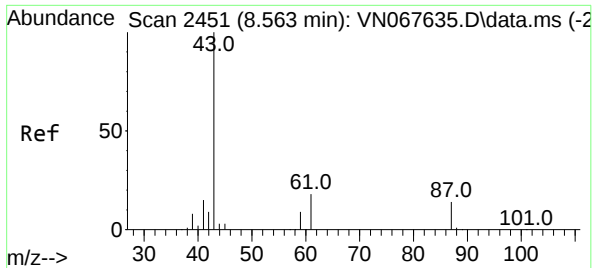
Tgt Ion: 75 Resp: 26510
 Ion Ratio Lower Upper
 75 100
 110 8.0 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.271 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN067915.D
 Acq: 26 Jul 2021 18:29

Tgt Ion: 117 Resp: 31408
 Ion Ratio Lower Upper
 117 100
 119 5.0 75.4 113.2#
 121 0.0 23.5 35.3#

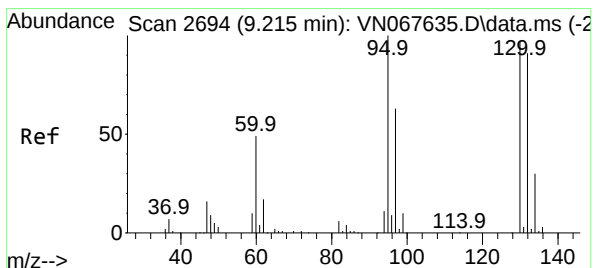
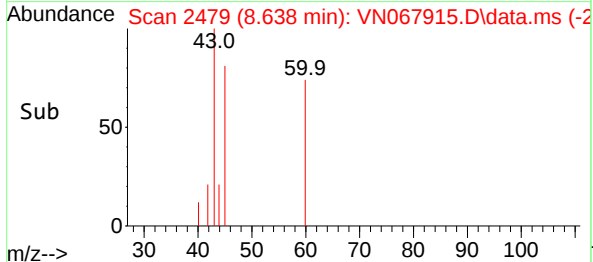
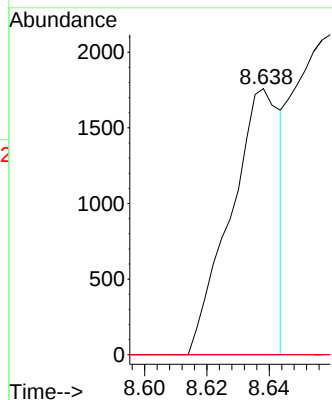
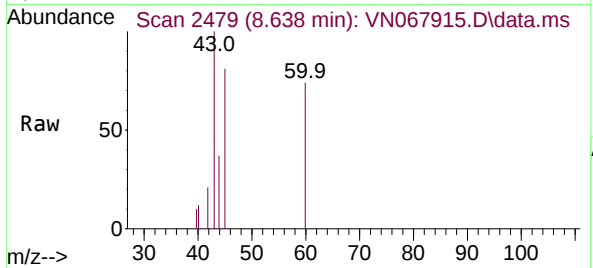




#43
Isopropyl Acetate
Concen: 0.225 ug/l
RT: 8.638 min Scan# 2479
Delta R.T. 0.075 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

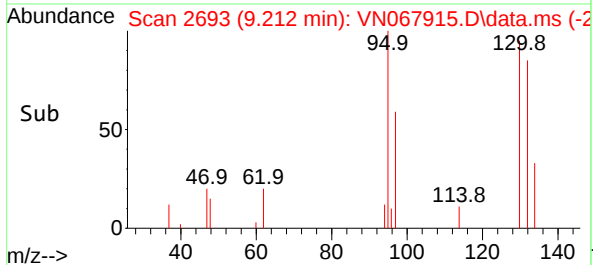
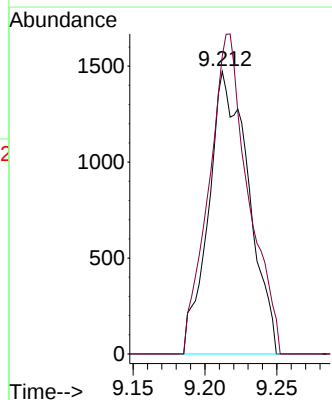
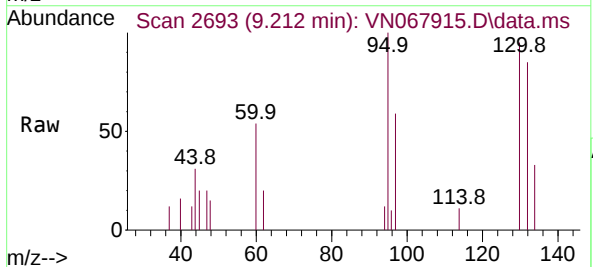
Instrument :
MSVOA_N
ClientSampled :

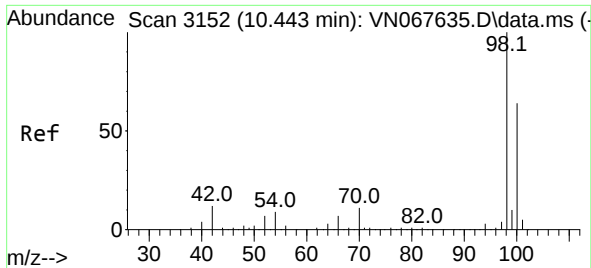
Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#44
Trichloroethene
Concen: 0.738 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

Tgt Ion: 130 Resp: 2847
Ion Ratio Lower Upper
130 100
95 105.5 0.0 234.4

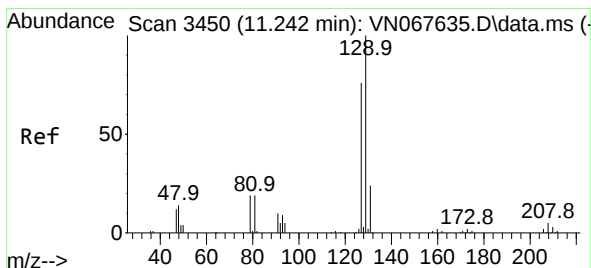
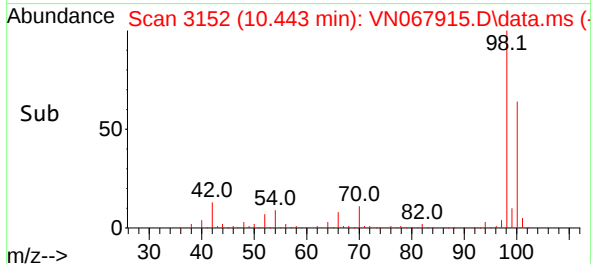
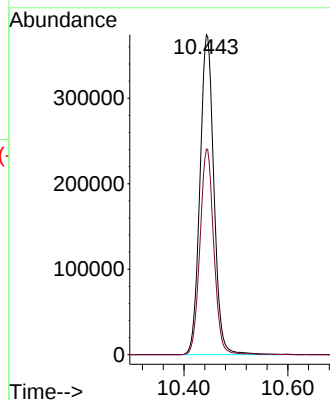
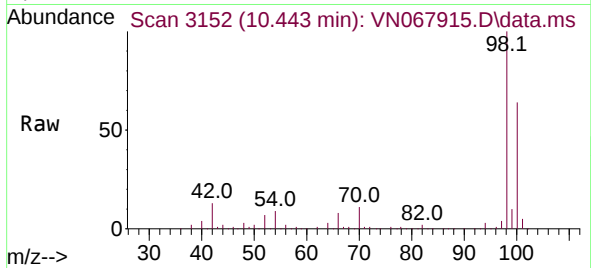




#50
Toluene-d8
Concen: 50.593 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

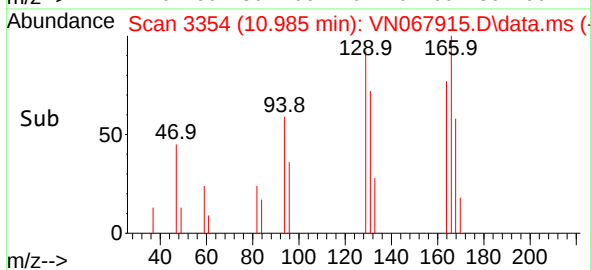
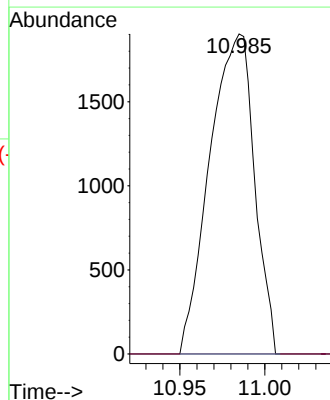
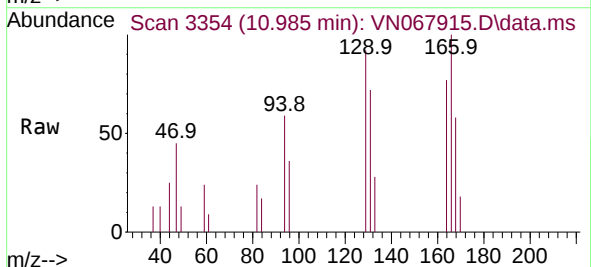
Instrument :
MSVOA_N
ClientSampleId :

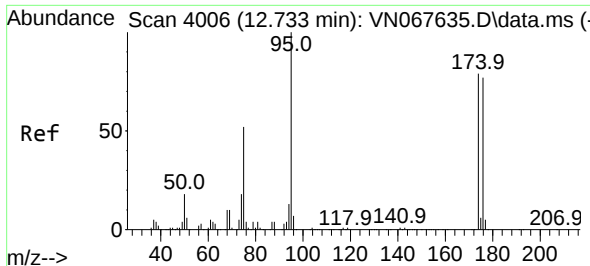
Tgt Ion: 98 Resp: 699370
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#60
Dibromochloromethane
Concen: 3.067 ug/l
RT: 10.985 min Scan# 3354
Delta R.T. -0.257 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

Tgt Ion:129 Resp: 3488
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

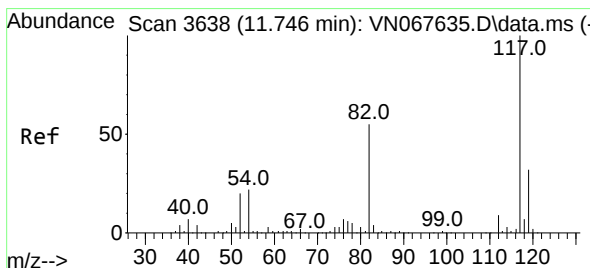
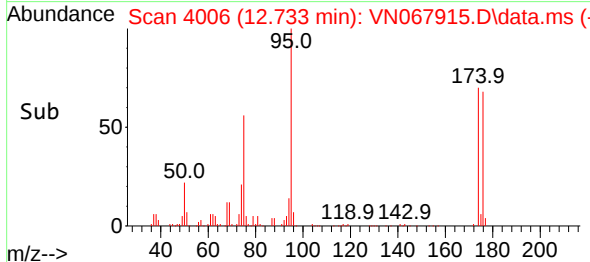
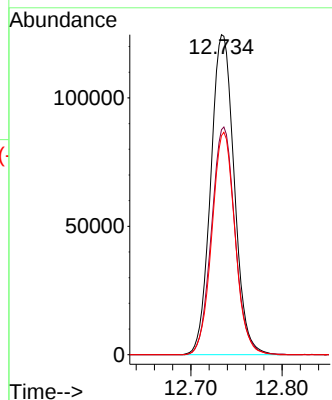
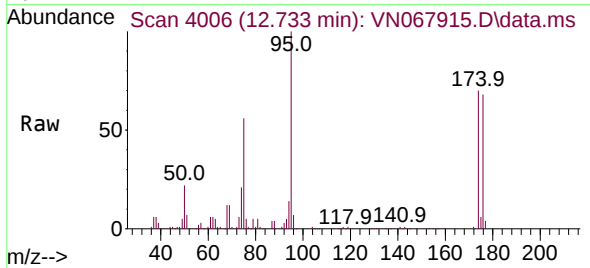




#62
4-Bromofluorobenzene
Concen: 45.693 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

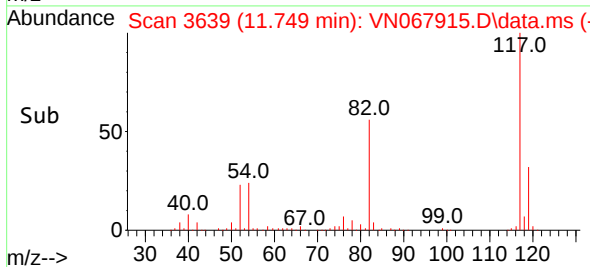
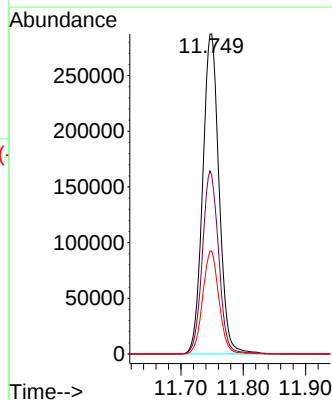
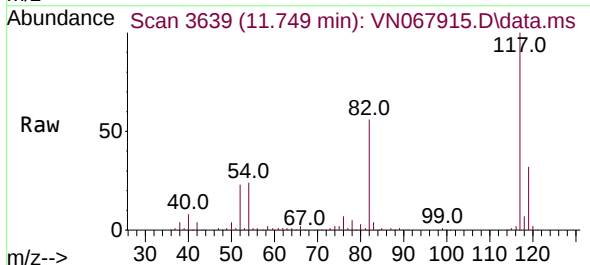
Instrument :
MSVOA_N
ClientSampleId :

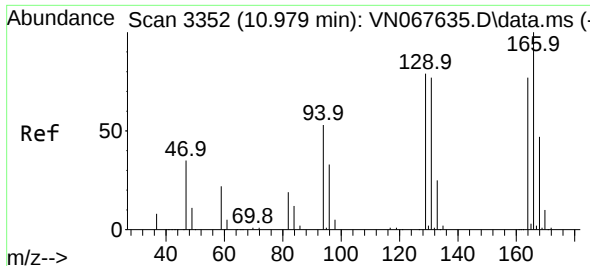
Tgt Ion: 95 Resp: 223126
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 68.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

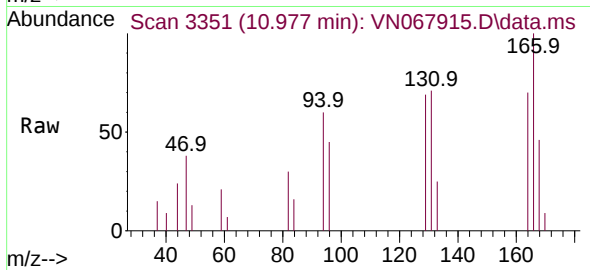
Tgt Ion: 117 Resp: 523922
Ion Ratio Lower Upper
117 100
82 55.8 53.1 79.7
119 32.2 25.5 38.3





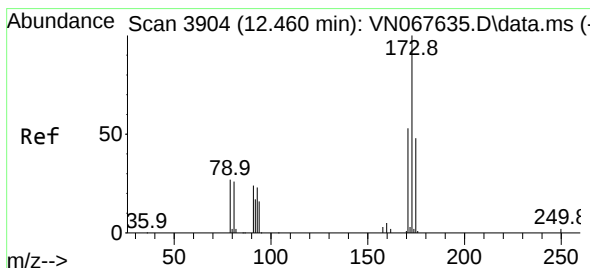
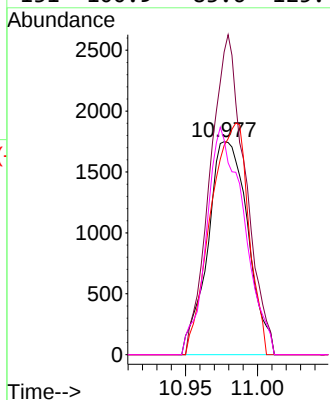
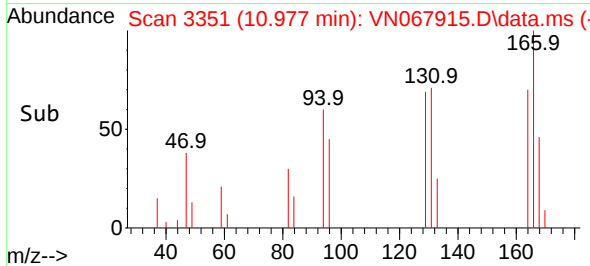
#64
Tetrachloroethene
Concen: 0.916 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :

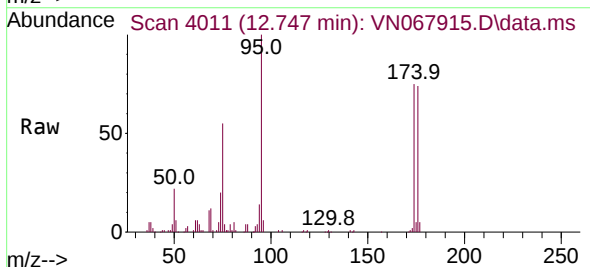


Tgt Ion:164 Resp: 3386

Ion	Ratio	Lower	Upper
164	100		
166	142.1	102.1	153.1
129	98.2	86.9	130.3
131	100.9	83.6	125.4

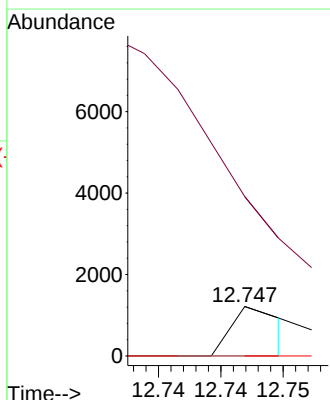
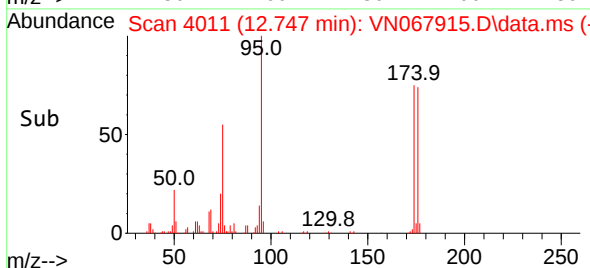


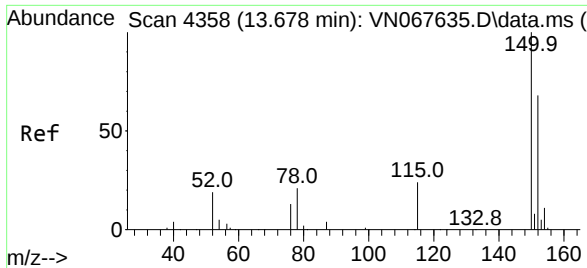
#71
Bromoform
Concen: 3.272 ug/l
RT: 12.747 min Scan# 4011
Delta R.T. 0.287 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29



Tgt Ion:173 Resp: 346

Ion	Ratio	Lower	Upper
173	100		
175	3433.8	23.9	71.8#
254	0.0	0.0	0.0

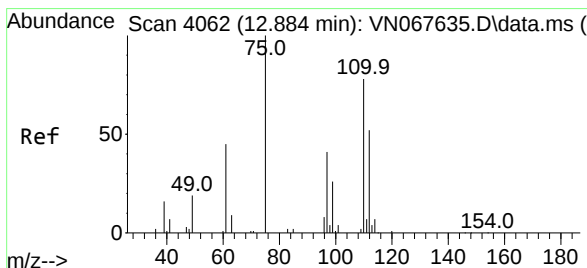
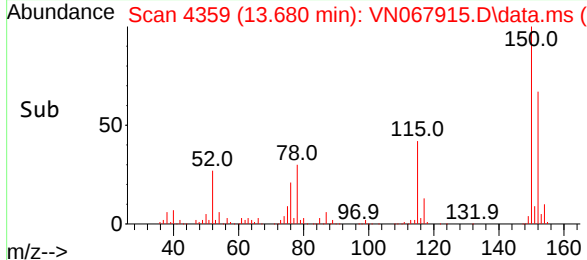
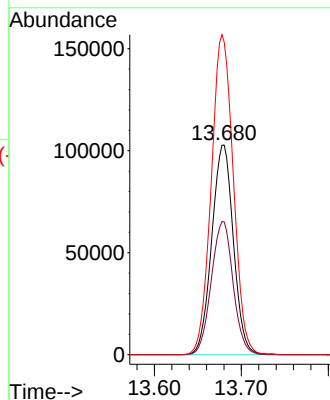
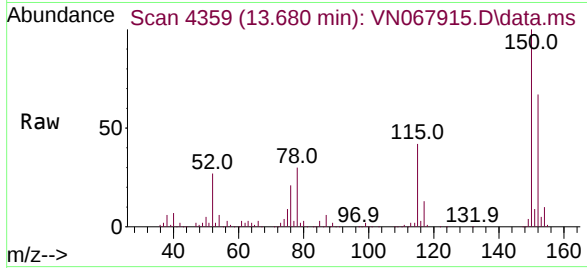




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.003 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

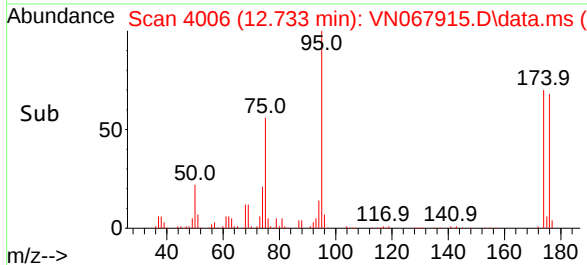
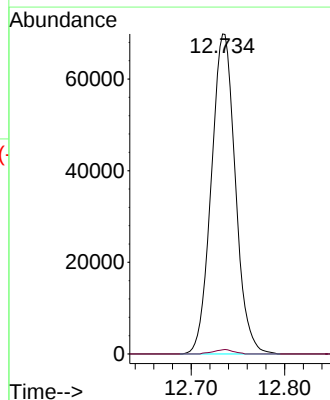
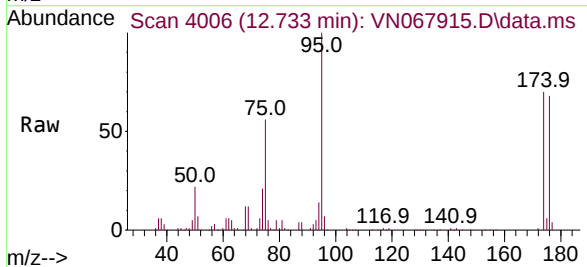
Instrument :
MSVOA_N
ClientSampleId :

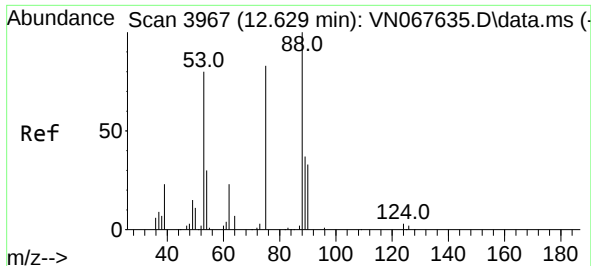
Tgt Ion:152 Resp: 177767
Ion Ratio Lower Upper
152 100
115 63.9 36.1 108.5
150 154.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 34.369 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067915.D
Acq: 26 Jul 2021 18:29

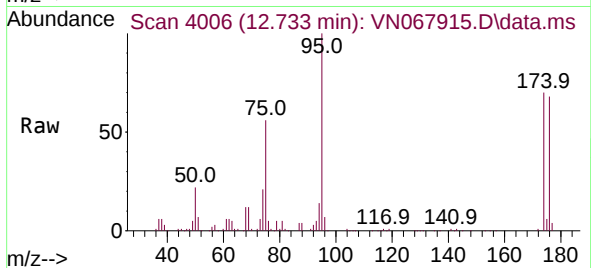
Tgt Ion: 75 Resp: 124769
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



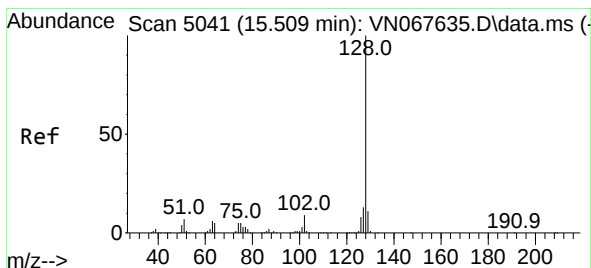
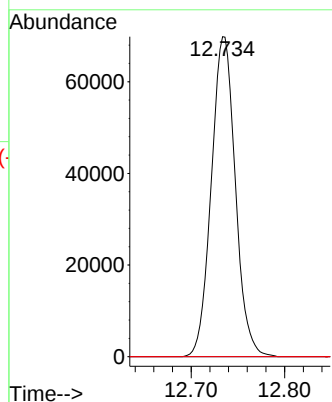
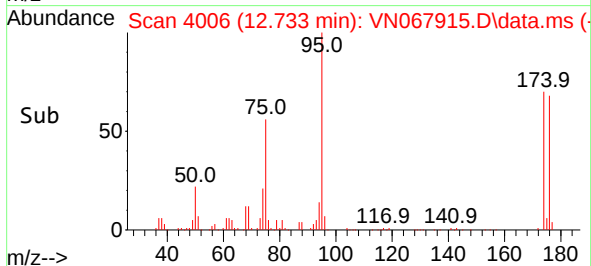


#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.808 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. 0.104 min
 Lab File: VN067915.D
 Acq: 26 Jul 2021 18:29

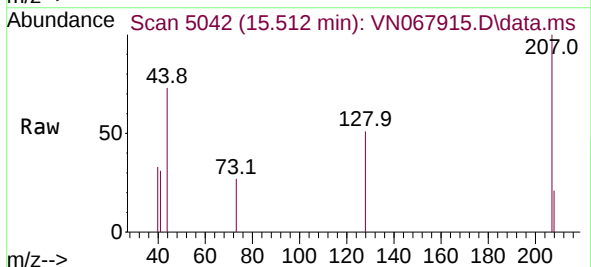
Instrument :
 MSVOA_N
 ClientSampled :



Tgt Ion: 75 Resp: 124769
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.6 131.4#
 89 0.0 37.8 56.8#



#95
 Naphthalene
 Concen: 3.067 ug/l
 RT: 15.512 min Scan# 5042
 Delta R.T. 0.003 min
 Lab File: VN067915.D
 Acq: 26 Jul 2021 18:29



Tgt Ion:128 Resp: 506
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 0.0 8.6 12.8#

