

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066868.D
 Acq On : 29 Apr 2021 17:39
 Operator : JC/MD
 Sample : M2137-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:15:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

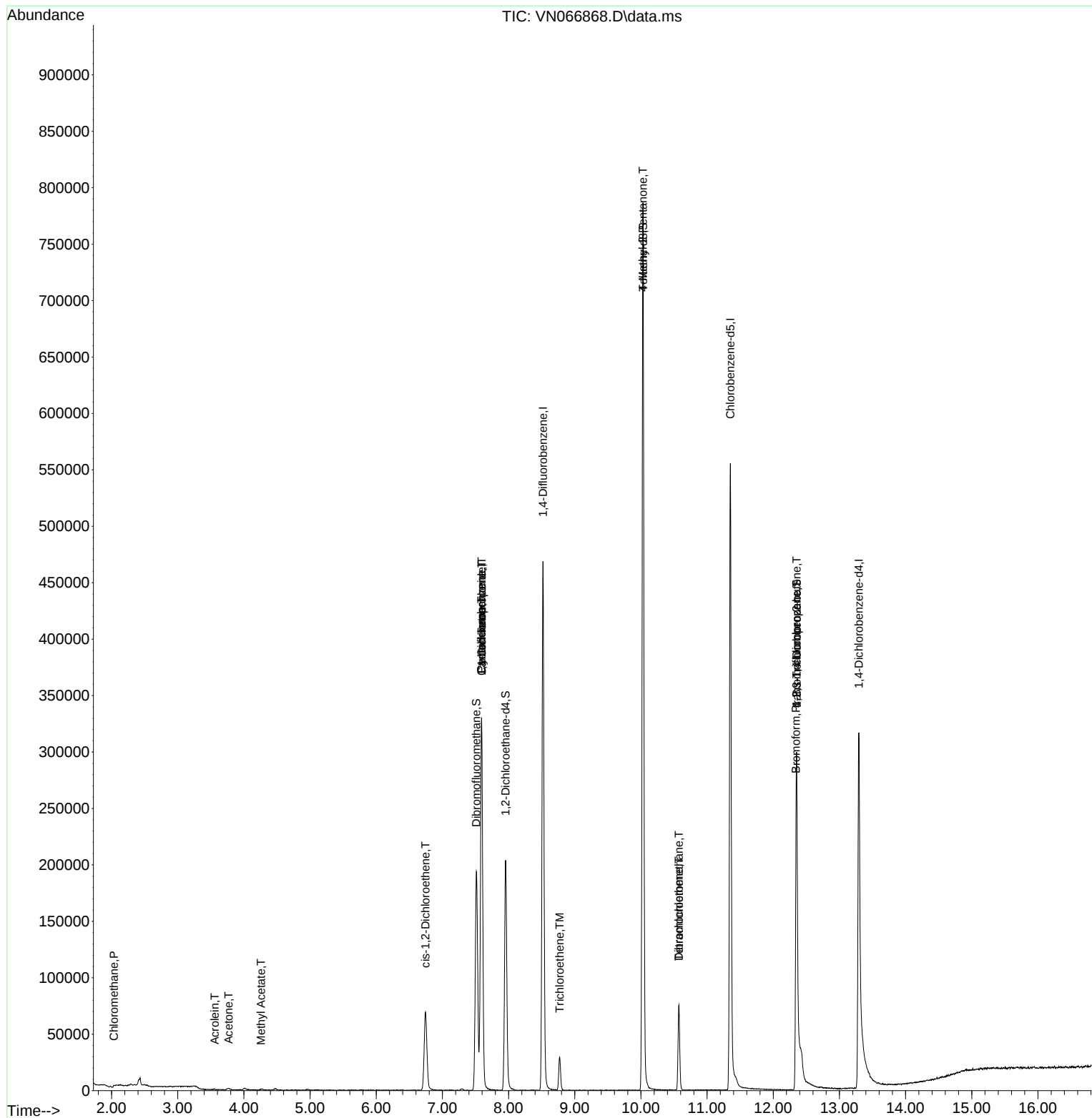
Internal Standards						
1) Pentafluorobenzene	7.591	168	297150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	442816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	381227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	155632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	176577	46.25	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.50%
35) Dibromofluoromethane	7.513	113	158316	57.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	115.84%
50) Toluene-d8	10.032	98	569980	53.12	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.24%
62) 4-Bromofluorobenzene	12.351	95	154100	42.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.90%
Target Compounds						
					Qvalue	
3) Chloromethane	2.034	50	907	0.21	ug/l	95
13) Acrolein	3.557	56	316	0.64	ug/l	88
16) Acetone	3.766	43	2577	1.79	ug/l #	85
18) Methyl Acetate	4.260	43	1913	1.60	ug/l #	56
27) cis-1,2-Dichloroethene	6.743	96	50320	13.60	ug/l	91
31) Cyclohexane	7.591	56	4514	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.594	75	18848	4.58	ug/l #	48
38) Carbon Tetrachloride	7.594	117	25490	6.46	ug/l #	17
44) Trichloroethene	8.771	130	12176	3.92	ug/l	94
51) 4-Methyl-2-Pentanone	10.029	43	1951	0.52	ug/l #	1
60) Dibromochloromethane	10.573	129	17195	5.35	ug/l #	11
64) Tetrachloroethene	10.573	164	19517	7.74	ug/l	96
71) Bromoform	12.343	173	898	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.351	75	58965	17.98	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.351	75	58965	50.20	ug/l #	12

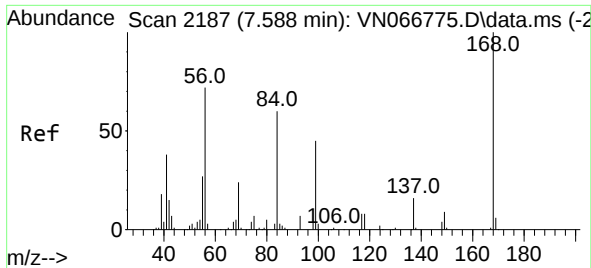
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
Data File : VN066868.D
Acq On : 29 Apr 2021 17:39
Operator : JC/MD
Sample : M2137-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 30 06:15:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

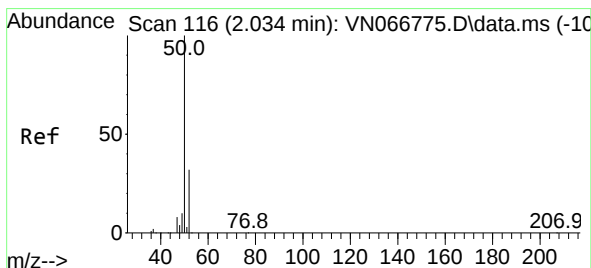
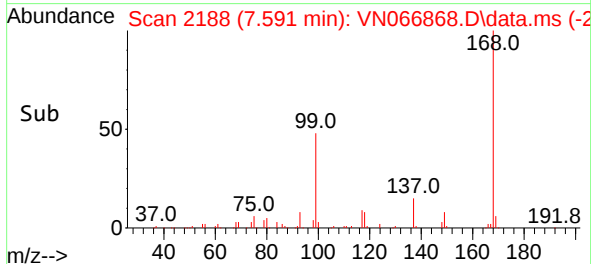
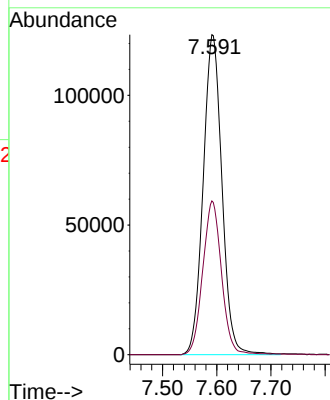
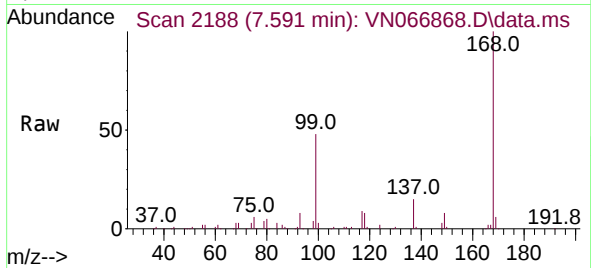




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

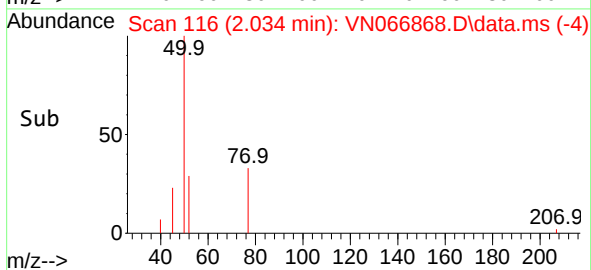
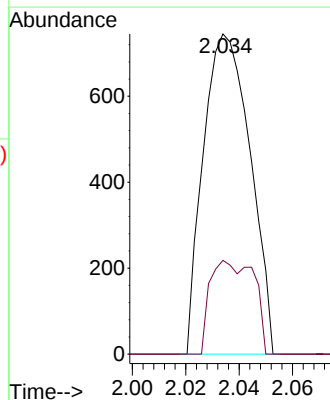
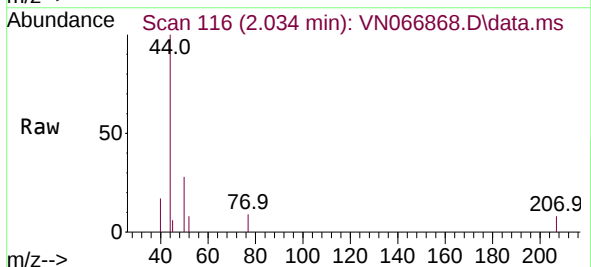
Instrument :
MSVOA_N
ClientSampled :

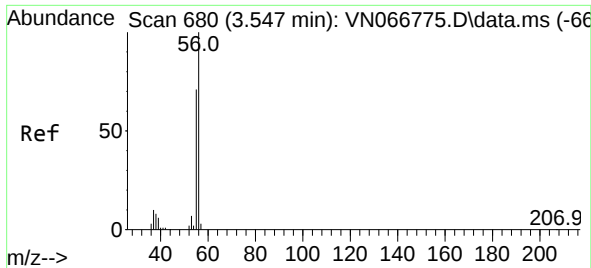
Tgt Ion:168 Resp: 297150
Ion Ratio Lower Upper
168 100
99 48.1 42.6 63.8



#3
Chloromethane
Concen: 0.21 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Tgt Ion: 50 Resp: 907
Ion Ratio Lower Upper
50 100
52 29.3 25.8 38.8

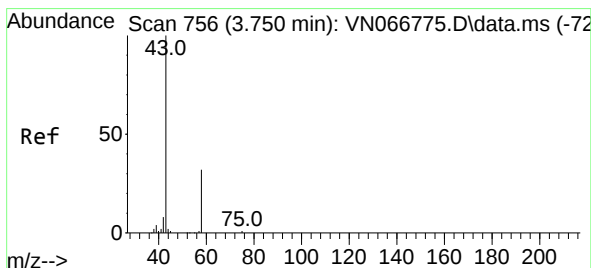
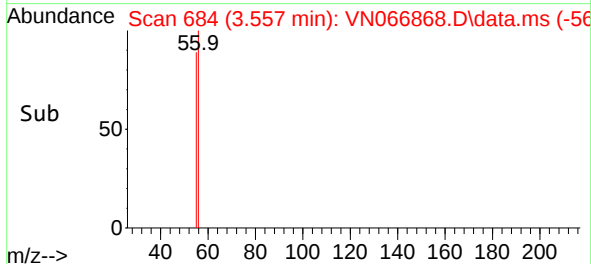
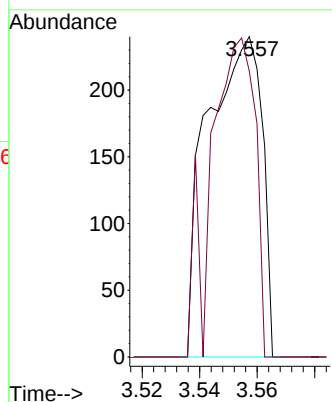
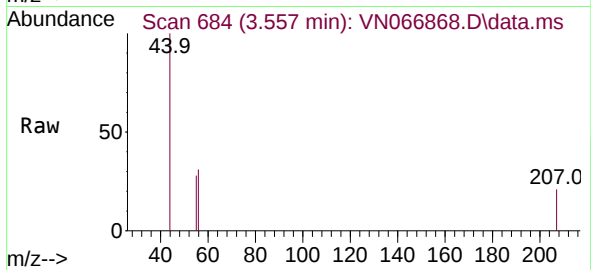




#13
Acrolein
Concen: 0.64 ug/l
RT: 3.557 min Scan# 684
Delta R.T. 0.010 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

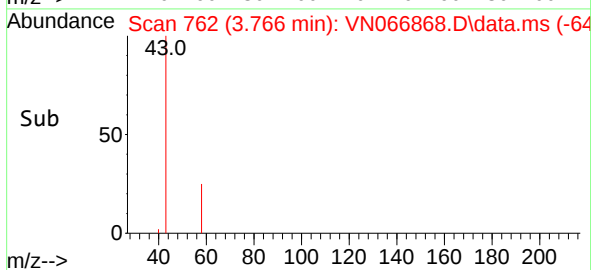
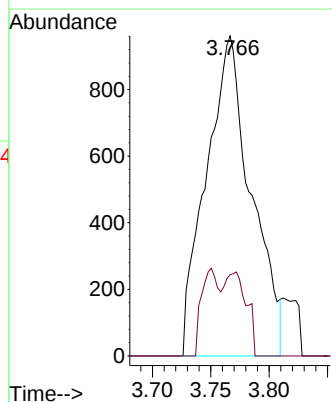
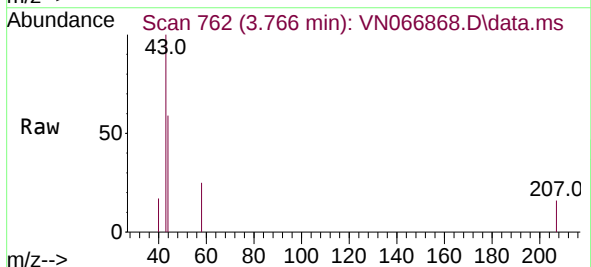
Instrument :
MSVOA_N
ClientSampled :

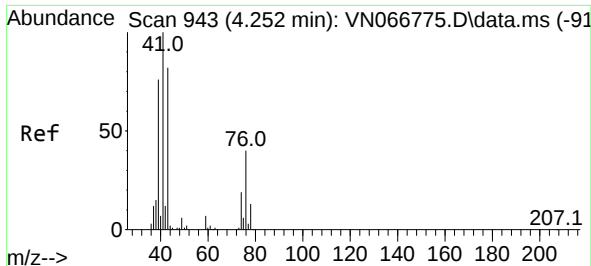
Tgt Ion: 56 Resp: 316
Ion Ratio Lower Upper
56 100
55 80.1 56.0 84.0



#16
Acetone
Concen: 1.79 ug/l
RT: 3.766 min Scan# 762
Delta R.T. 0.016 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

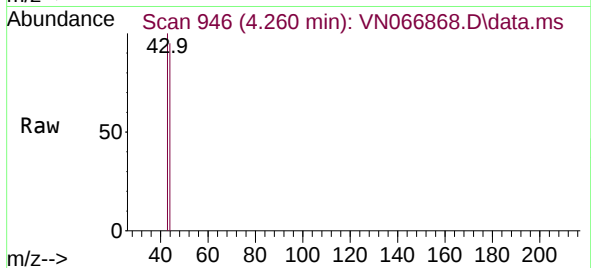
Tgt Ion: 43 Resp: 2577
Ion Ratio Lower Upper
43 100
58 25.4 27.0 40.6#



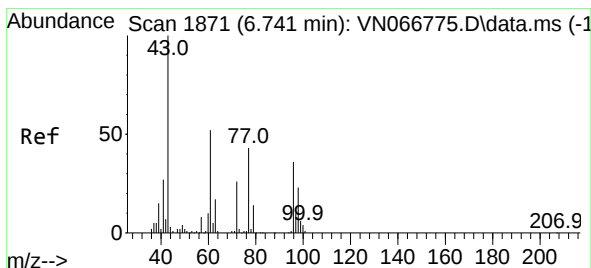
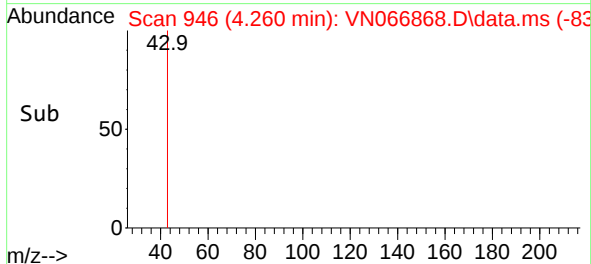
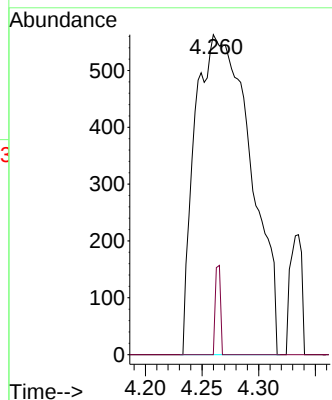


#18
Methyl Acetate
Concen: 1.60 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.008 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Instrument :
MSVOA_N
ClientSampled :

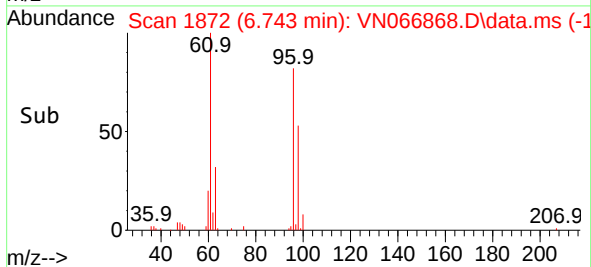
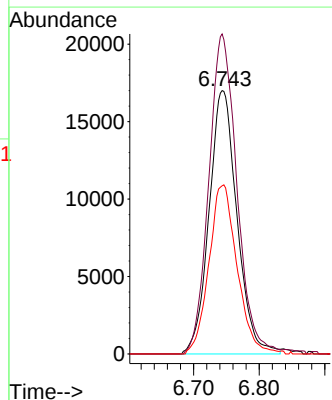
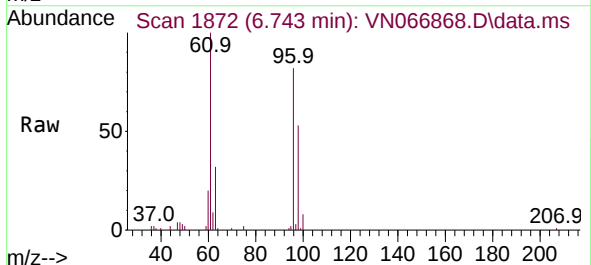


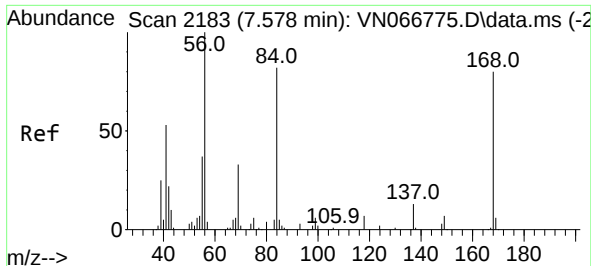
Tgt Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
74 2.6 19.5 29.3#



#27
cis-1,2-Dichloroethene
Concen: 13.60 ug/l
RT: 6.743 min Scan# 1872
Delta R.T. 0.002 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Tgt Ion: 96 Resp: 50320
Ion Ratio Lower Upper
96 100
61 121.8 0.0 276.8
98 64.7 0.0 129.4

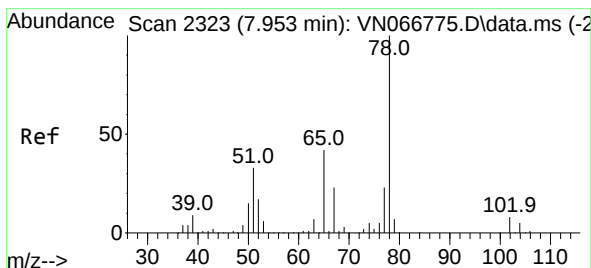
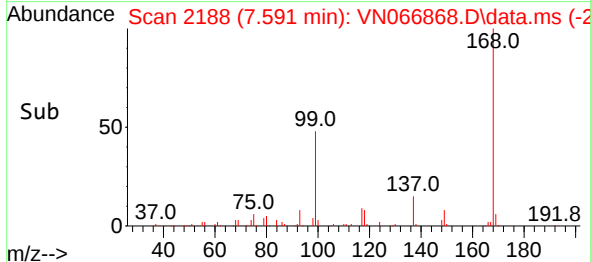
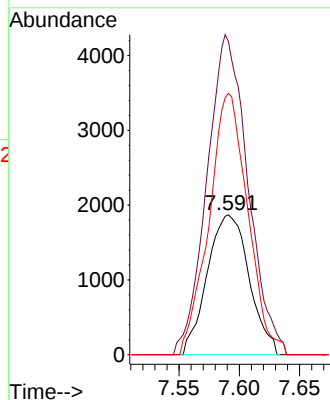
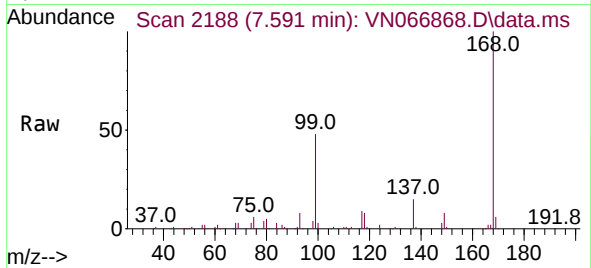




#31
Cyclohexane
Concen: 0.76 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

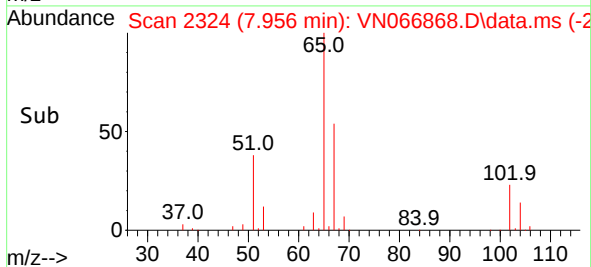
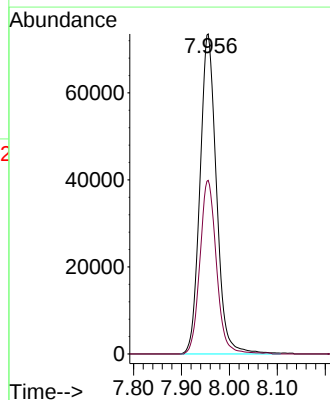
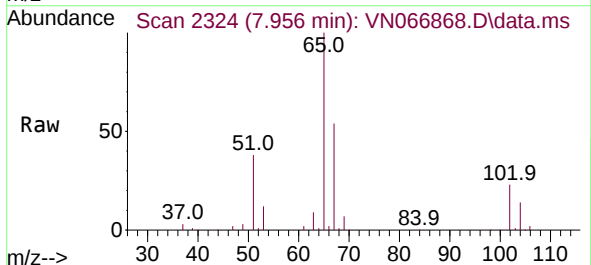
Instrument :
MSVOA_N
ClientSampleId :

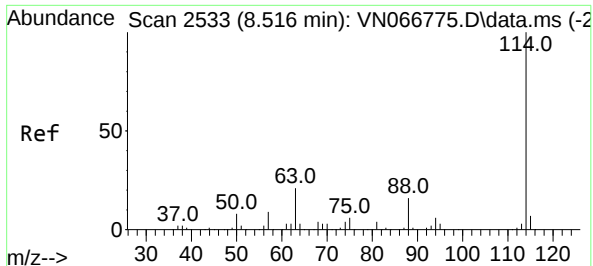
Tgt Ion: 56 Resp: 4514
Ion Ratio Lower Upper
56 100
69 213.0 26.6 39.8#
84 186.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.25 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Tgt Ion: 65 Resp: 176577
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2

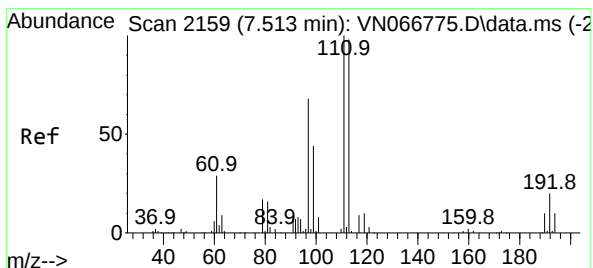
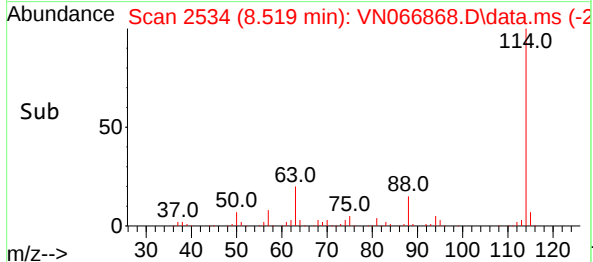
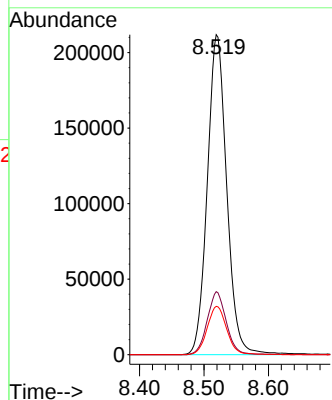
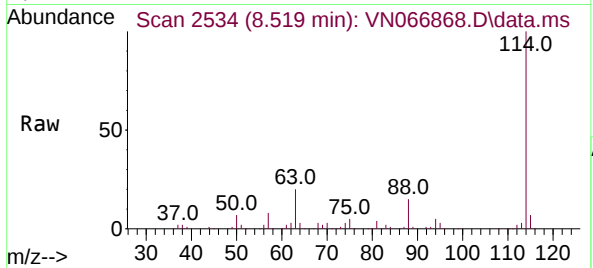




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

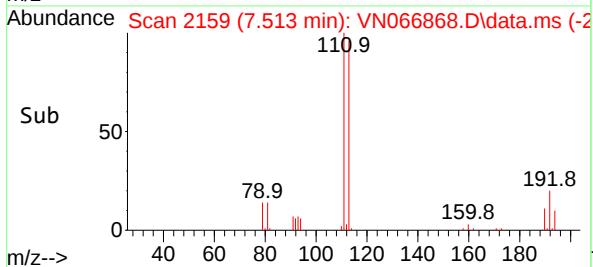
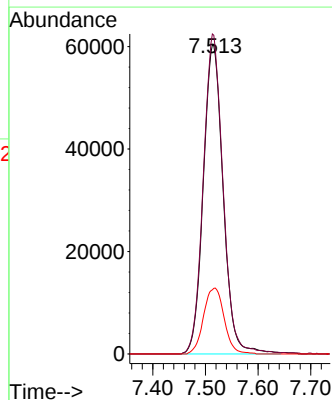
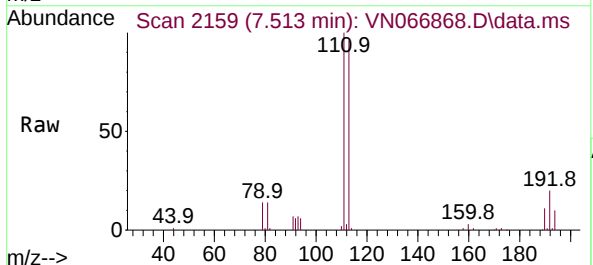
Instrument :
MSVOA_N
ClientSampled :

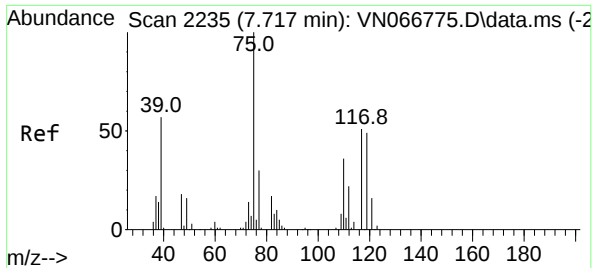
Tgt Ion:114 Resp: 442816
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.92 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Tgt Ion:113 Resp: 158316
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 22.1 15.4 23.0

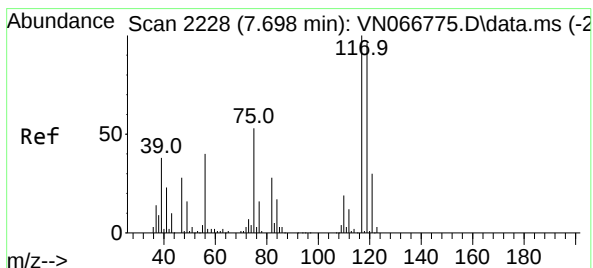
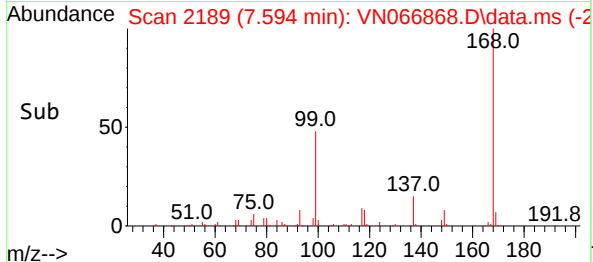
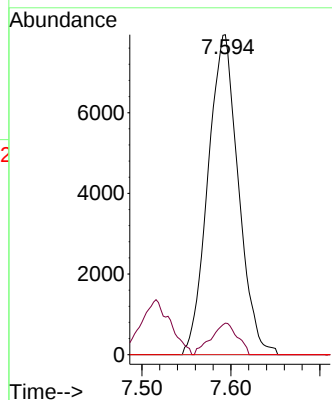
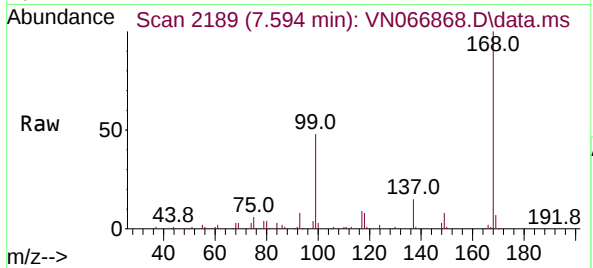




#36
 1,1-Dichloropropene
 Concen: 4.58 ug/l
 RT: 7.594 min Scan# 2189
 Delta R.T. -0.123 min
 Lab File: VN066868.D
 Acq: 29 Apr 2021 17:39

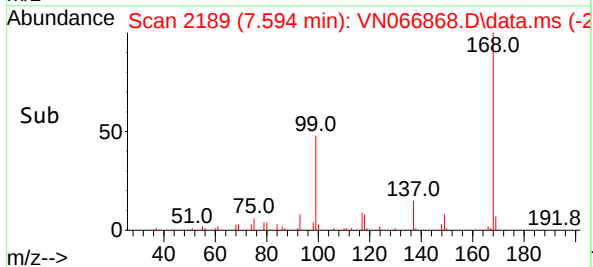
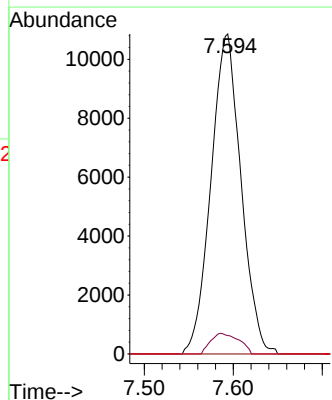
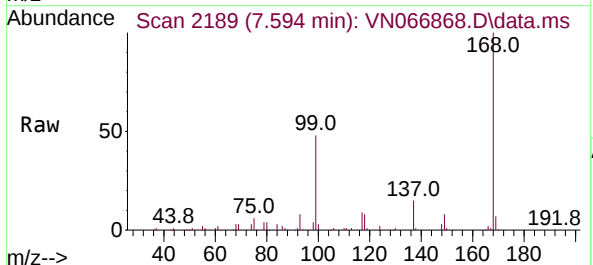
Instrument :
 MSVOA_N
 ClientSampled :

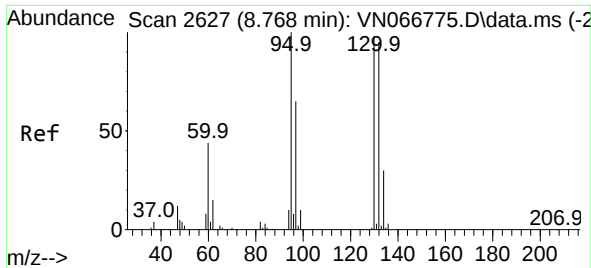
Tgt Ion: 75 Resp: 18848
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.2 54.6#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.46 ug/l
 RT: 7.594 min Scan# 2189
 Delta R.T. -0.104 min
 Lab File: VN066868.D
 Acq: 29 Apr 2021 17:39

Tgt Ion: 117 Resp: 25490
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.0 114.0#
 121 0.0 24.5 36.7#

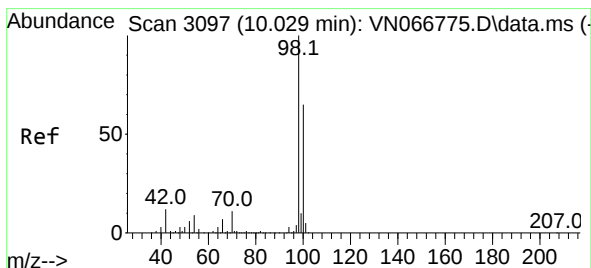
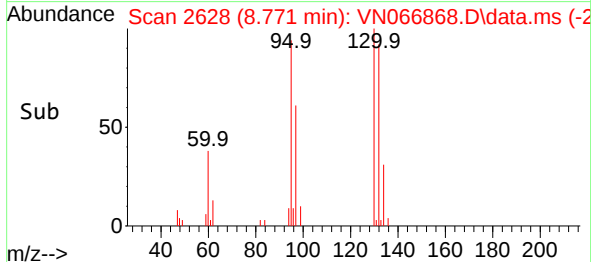
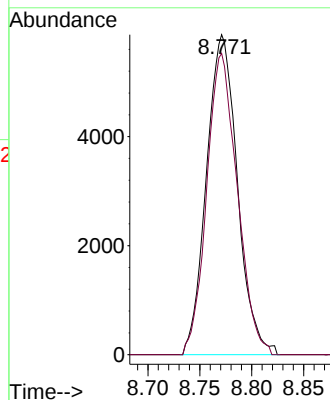
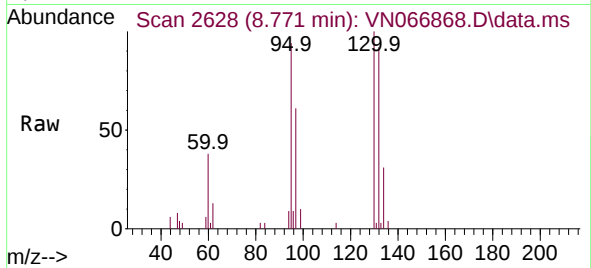




#44
Trichloroethene
Concen: 3.92 ug/l
RT: 8.771 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

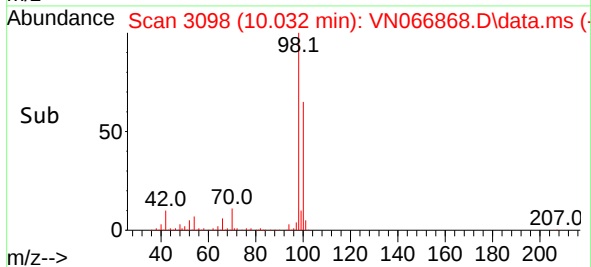
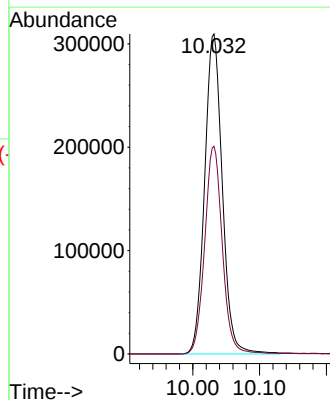
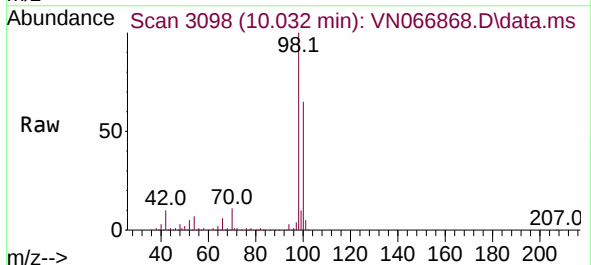
Instrument :
MSVOA_N
ClientSampled :

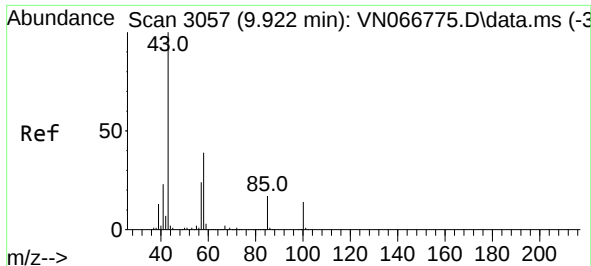
Tgt Ion:130 Resp: 12176
Ion Ratio Lower Upper
130 100
95 94.1 0.0 199.6



#50
Toluene-d8
Concen: 53.12 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Tgt Ion: 98 Resp: 569980
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7

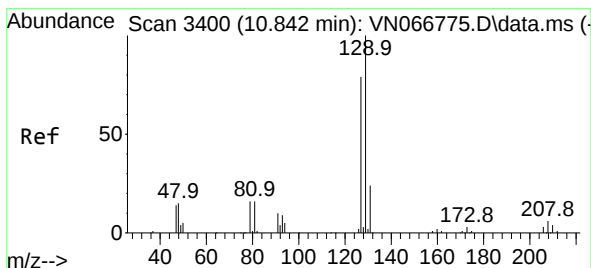
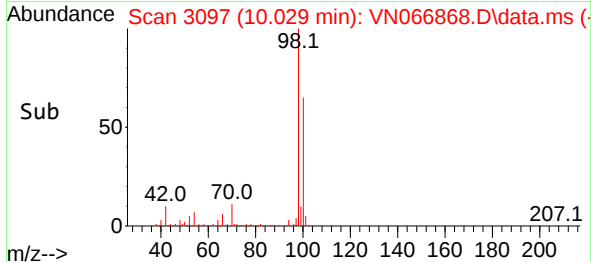
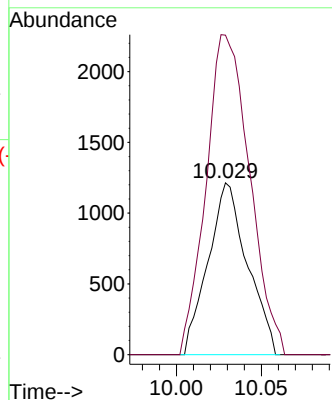
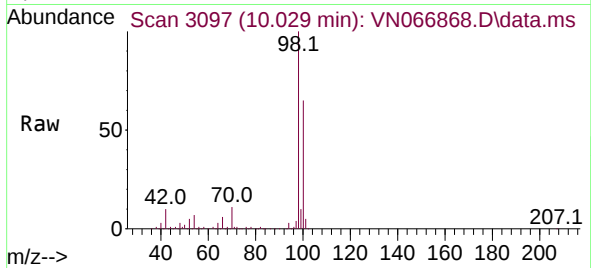




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

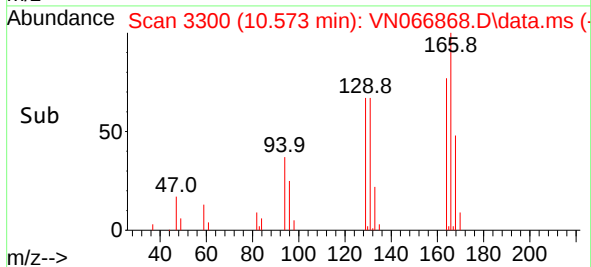
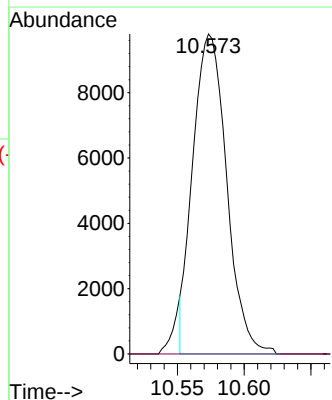
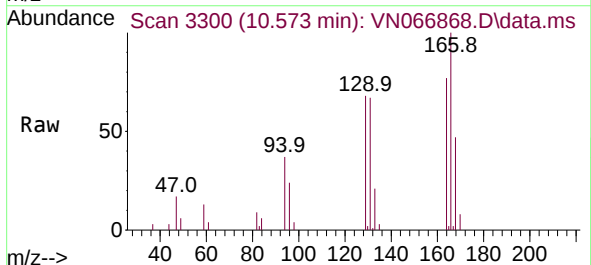
Instrument :
MSVOA_N
ClientSampled :

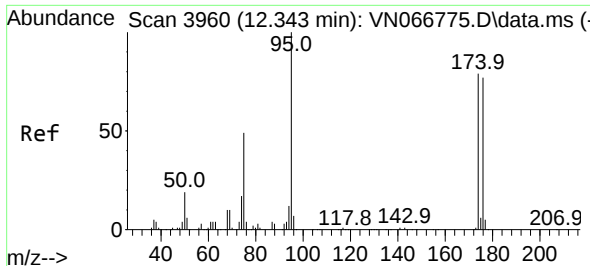
Tgt Ion: 43 Resp: 1951
Ion Ratio Lower Upper
43 100
58 206.3 32.5 48.7#



#60
Dibromochloromethane
Concen: 5.35 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Tgt Ion: 129 Resp: 17195
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

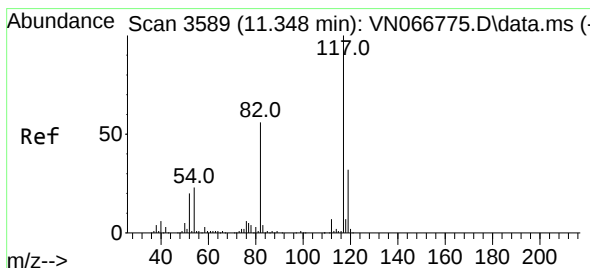
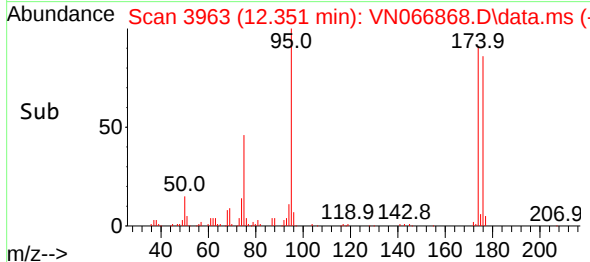
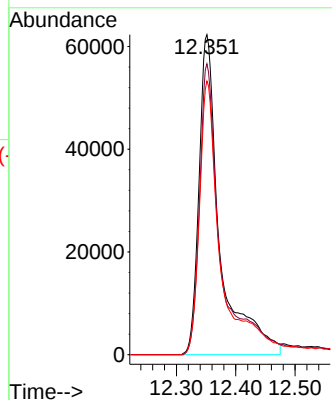
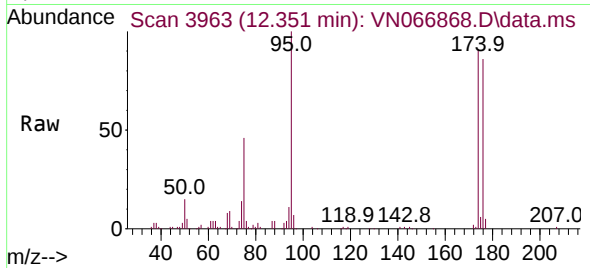




#62
4-Bromofluorobenzene
Concen: 42.45 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.008 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

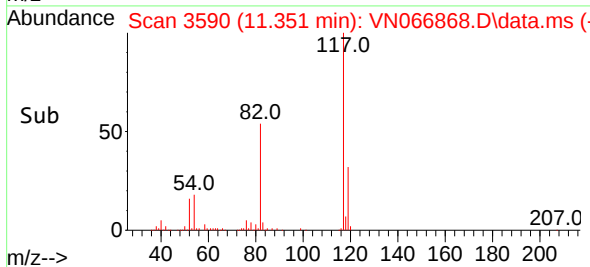
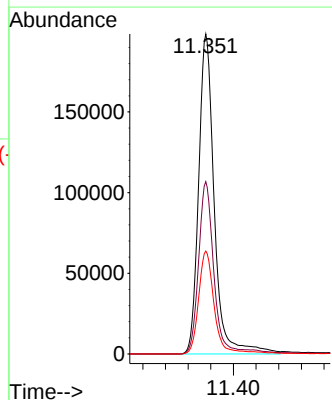
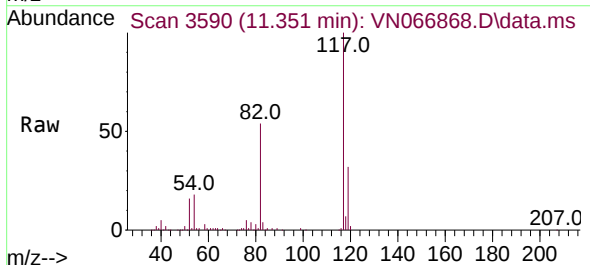
Instrument :
MSVOA_N
ClientSampleId :

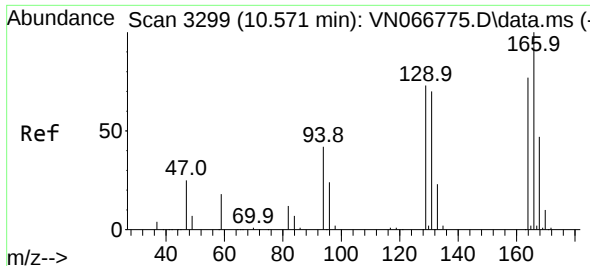
Tgt Ion: 95 Resp: 154100
Ion Ratio Lower Upper
95 100
174 92.2 0.0 169.0
176 86.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Tgt Ion: 117 Resp: 381227
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.1 26.1 39.1



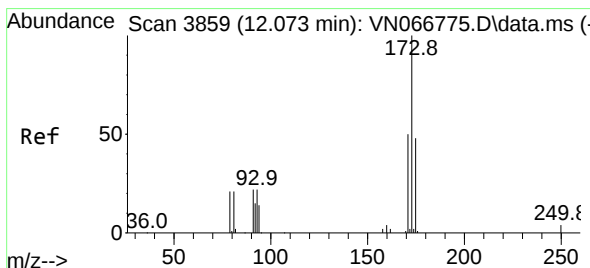
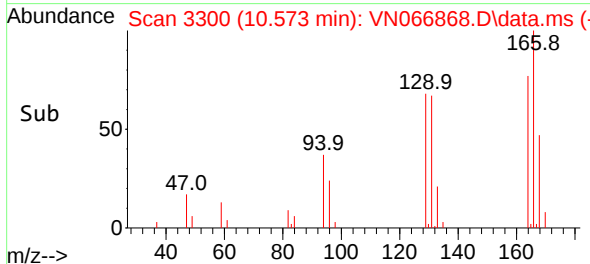
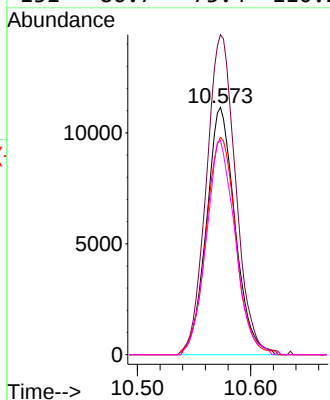
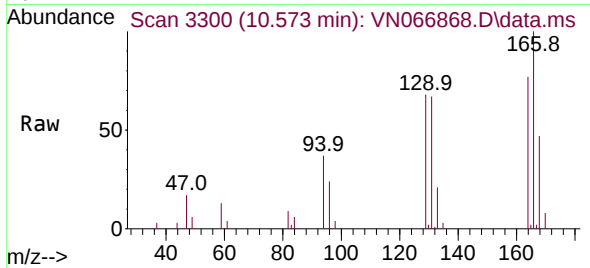


#64
Tetrachloroethene
Concen: 7.74 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:164 Resp: 19517

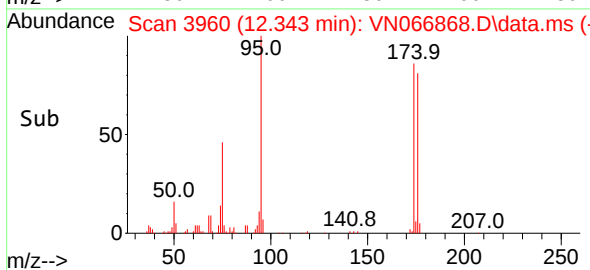
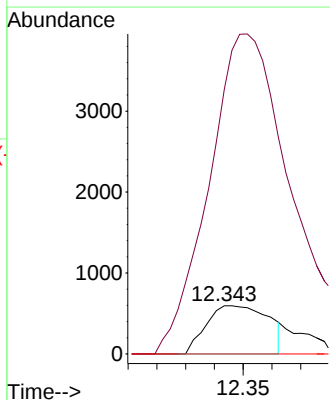
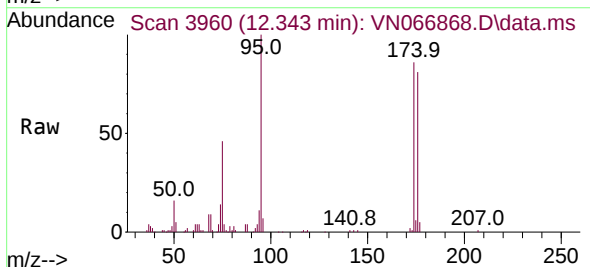
Ion	Ratio	Lower	Upper
164	100		
166	129.4	102.6	154.0
129	87.9	76.2	114.4
131	86.7	73.4	110.2

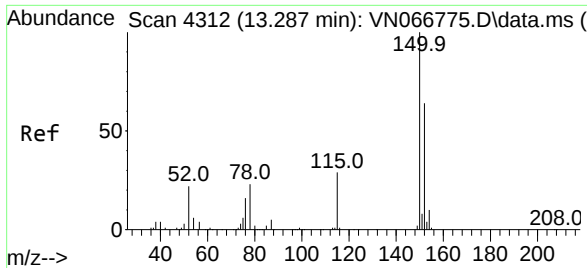


#71
Bromoform
Concen: 0.43 ug/l
RT: 12.343 min Scan# 3960
Delta R.T. 0.270 min
Lab File: VN066868.D
Acq: 29 Apr 2021 17:39

Tgt Ion:173 Resp: 898

Ion	Ratio	Lower	Upper
173	100		
175	676.3	23.8	71.2#
254	0.0	0.0	0.0

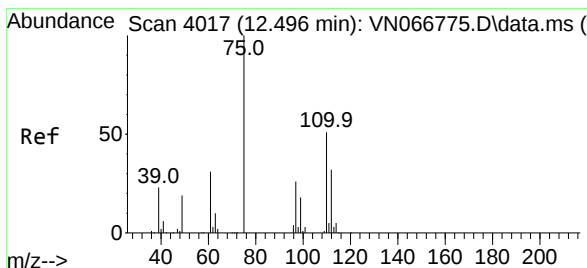
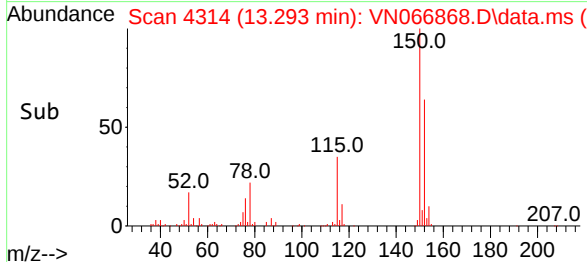
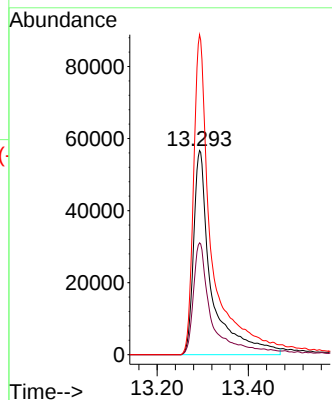
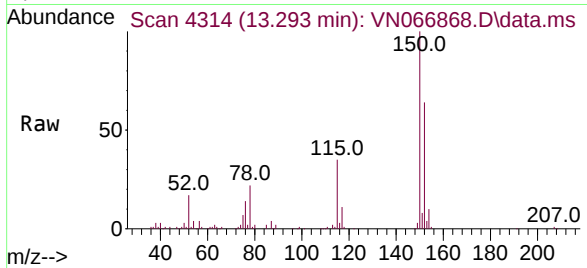




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066868.D
 Acq: 29 Apr 2021 17:39

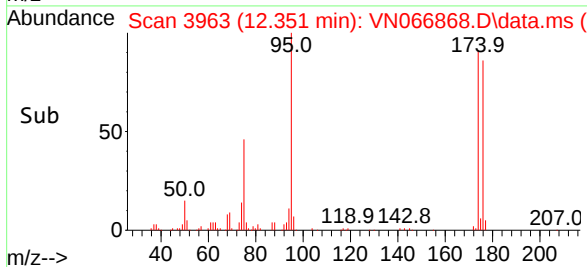
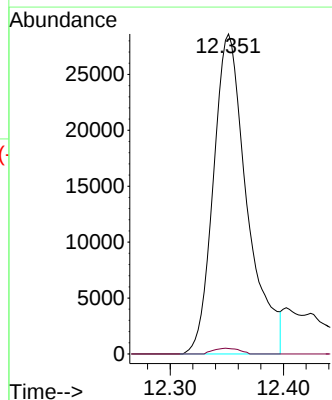
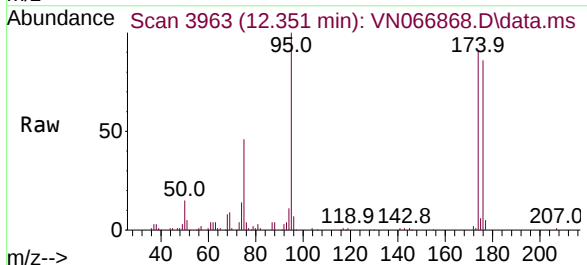
Instrument :
 MSVOA_N
 ClientSampled :

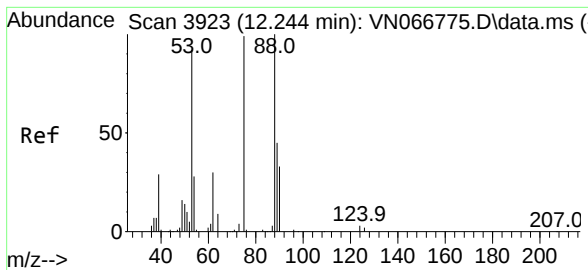
Tgt Ion:152 Resp: 155632
 Ion Ratio Lower Upper
 152 100
 115 53.6 28.5 85.6
 150 154.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 17.98 ug/l
 RT: 12.351 min Scan# 3963
 Delta R.T. -0.145 min
 Lab File: VN066868.D
 Acq: 29 Apr 2021 17:39

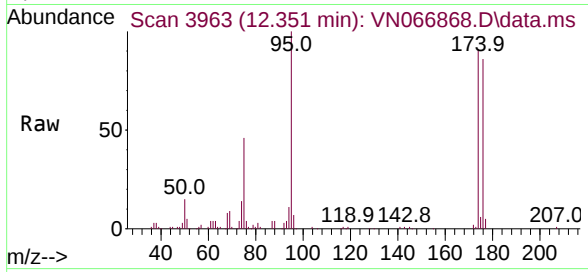
Tgt Ion: 75 Resp: 58965
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.20 ug/l
 RT: 12.351 min Scan# 3963
 Delta R.T. 0.107 min
 Lab File: VN066868.D
 Acq: 29 Apr 2021 17:39

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	58965
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	35.8	53.8#

