

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066813.D
 Acq On : 28 Apr 2021 15:30
 Operator : JC/MD
 Sample : M2138-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:30:01 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)

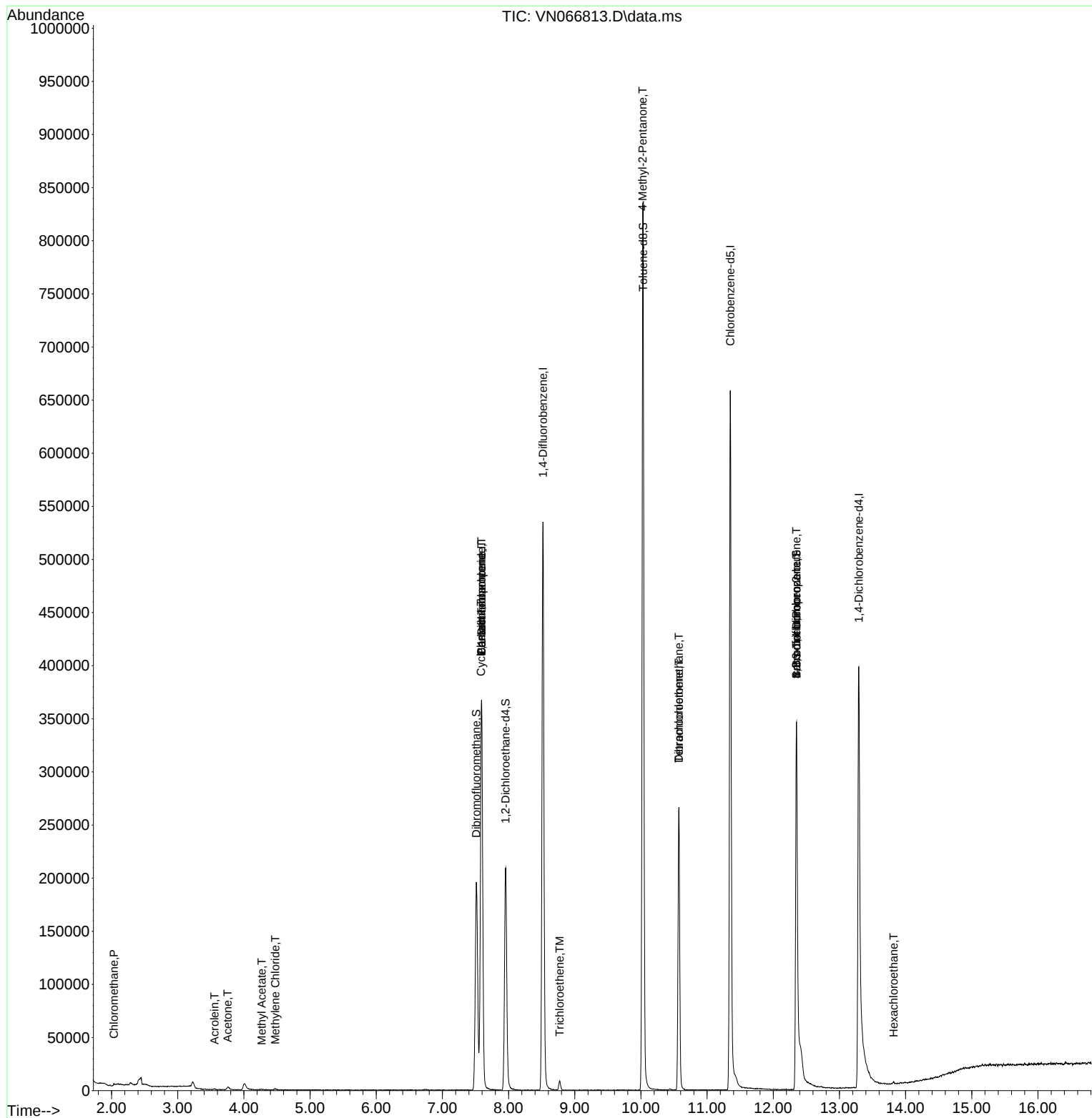
Internal Standards						
1) Pentafluorobenzene	7.591	168	334330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	504339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	426235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	175938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	180119	41.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.86%		
35) Dibromofluoromethane	7.513	113	155421	49.92	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.84%		
50) Toluene-d8	10.032	98	606856	49.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.32%		
62) 4-Bromofluorobenzene	12.349	95	151068	36.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	73.08%		
Target Compounds					Qvalue	
3) Chloromethane	2.034	50	1147	0.24	ug/l #	85
13) Acrolein	3.555	56	572	1.03	ug/l #	59
16) Acetone	3.756	43	4750	2.93	ug/l	97
18) Methyl Acetate	4.268	43	1255	1.39	ug/l #	59
20) Methylene Chloride	4.474	84	904	0.22	ug/l #	65
31) Cyclohexane	7.586	56	5336	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	22222	4.74	ug/l #	47
38) Carbon Tetrachloride	7.591	117	28119	6.26	ug/l #	17
44) Trichloroethene	8.771	130	3583	1.01	ug/l	95
51) 4-Methyl-2-Pentanone	10.026	43	2282	0.53	ug/l #	1
60) Dibromochloromethane	10.573	129	59326	16.21	ug/l #	11
64) Tetrachloroethene	10.573	164	66986	23.77	ug/l	99
71) Bromoform	12.349	173	952	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	81256	21.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	81256	59.63	ug/l #	12
90) Hexachloroethane	13.818	117	748	0.34	ug/l	75

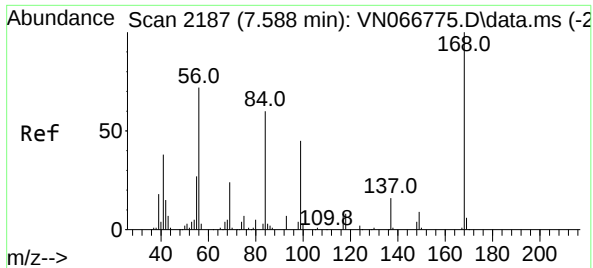
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
Data File : VN066813.D
Acq On : 28 Apr 2021 15:30
Operator : JC/MD
Sample : M2138-19
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 29 04:30:01 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

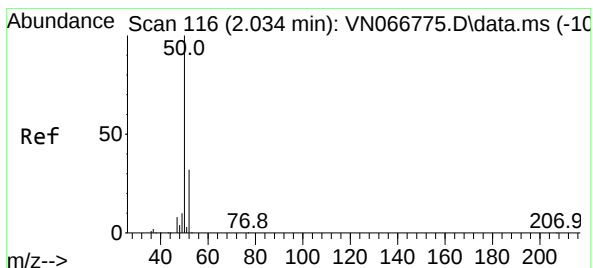
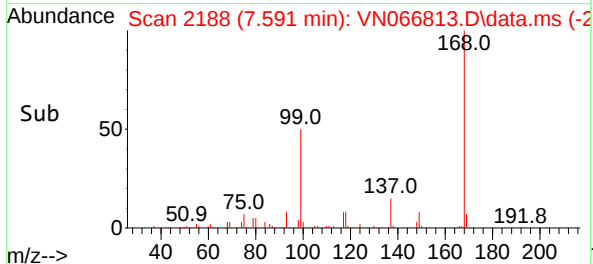
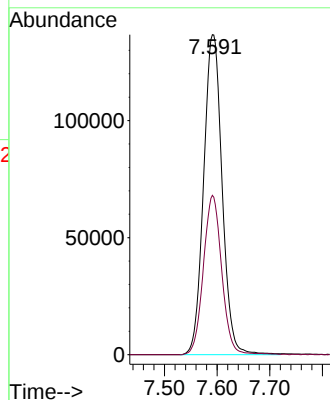
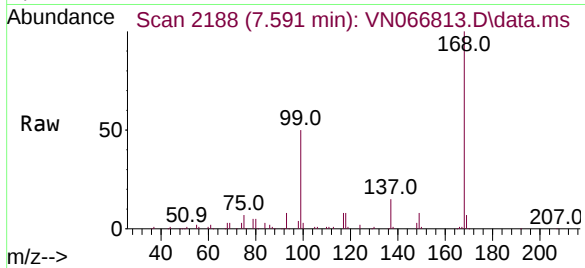




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

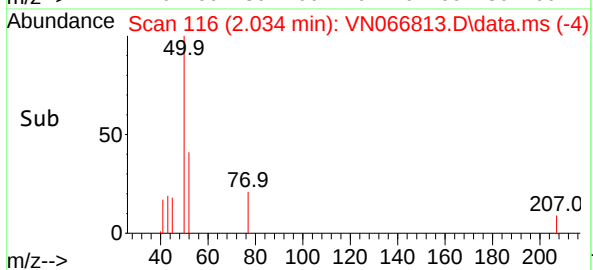
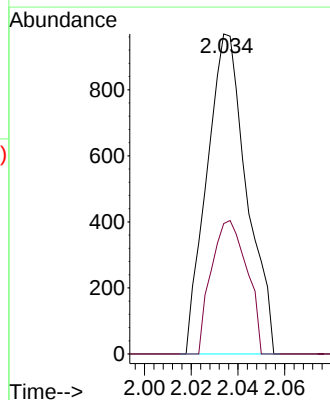
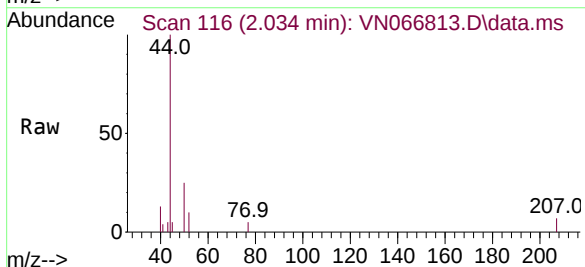
Instrument :
MSVOA_N
ClientSampleId :

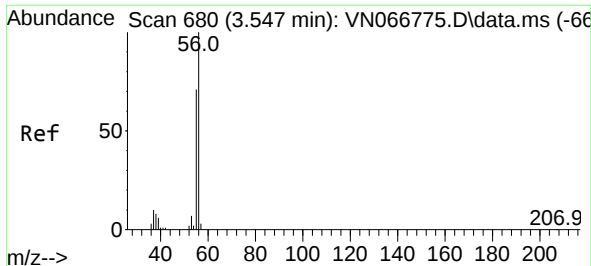
Tgt Ion:168 Resp: 334330
Ion Ratio Lower Upper
168 100
99 49.8 42.6 63.8



#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

Tgt Ion: 50 Resp: 1147
Ion Ratio Lower Upper
50 100
52 40.8 25.8 38.8#

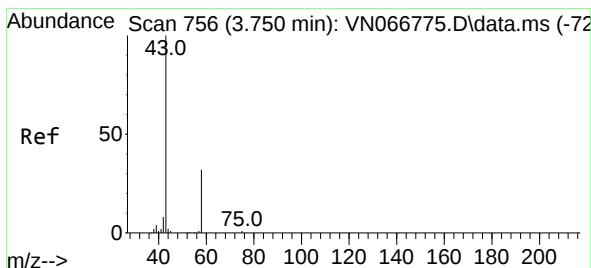
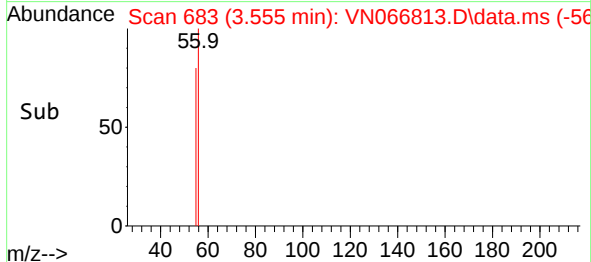
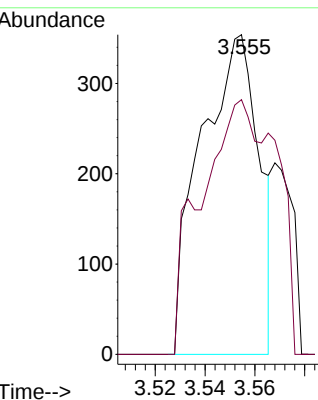
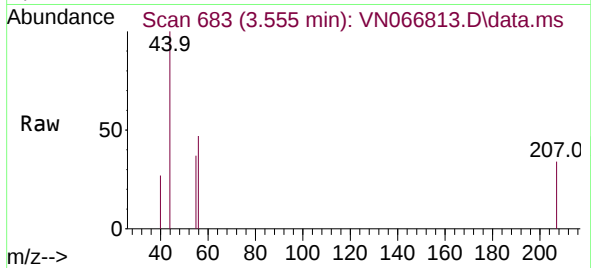




#13
Acrolein
Concen: 1.03 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

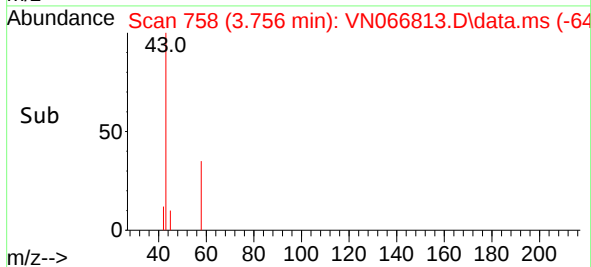
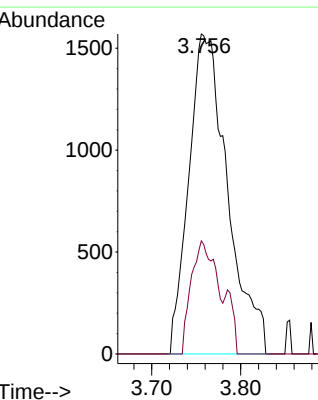
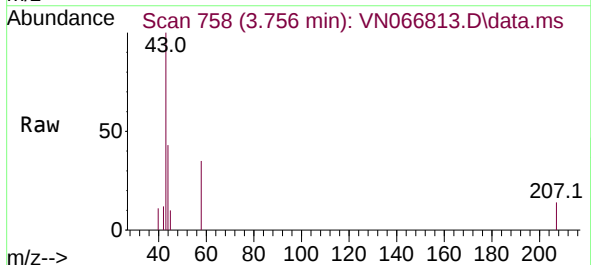
Instrument :
MSVOA_N
ClientSampled :

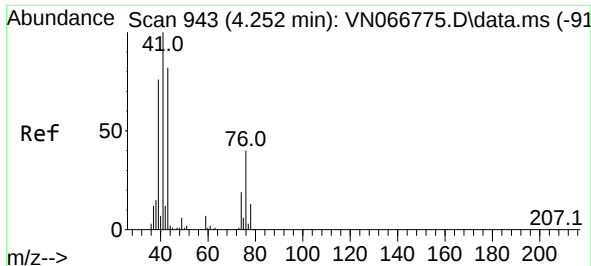
Tgt Ion: 56 Resp: 572
Ion Ratio Lower Upper
56 100
55 103.8 56.0 84.0#



#16
Acetone
Concen: 2.93 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

Tgt Ion: 43 Resp: 4750
Ion Ratio Lower Upper
43 100
58 35.4 27.0 40.6





#18

Methyl Acetate

Concen: 1.39 ug/l

RT: 4.268 min Scan# 949

Delta R.T. 0.016 min

Lab File: VN066813.D

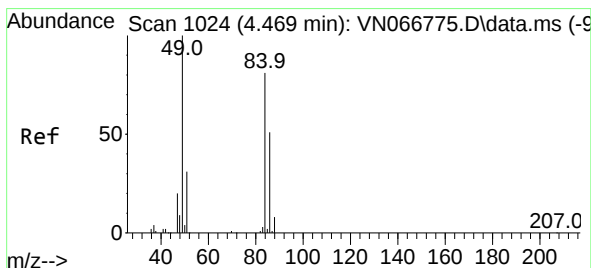
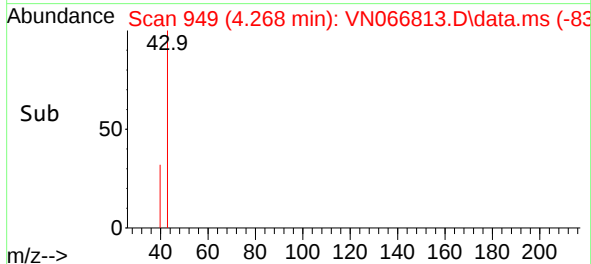
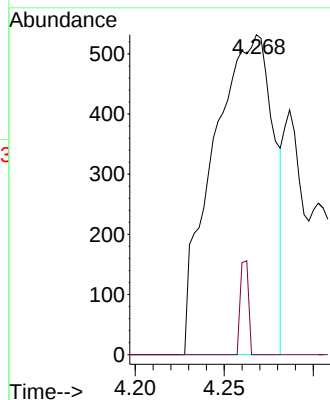
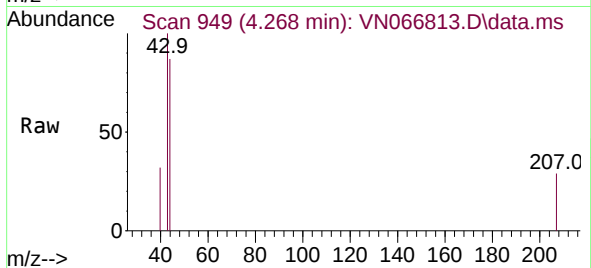
Acq: 28 Apr 2021 15:30

Tgt Ion: 43 Resp: 1255

Ion Ratio Lower Upper

43 100

74 4.0 19.5 29.3#



#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 4.474 min Scan# 1026

Delta R.T. 0.005 min

Lab File: VN066813.D

Acq: 28 Apr 2021 15:30

Tgt Ion: 84 Resp: 904

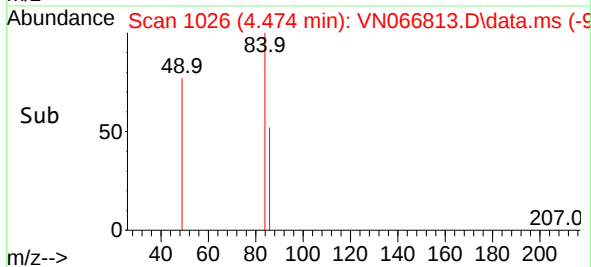
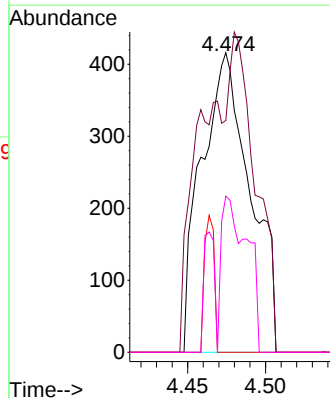
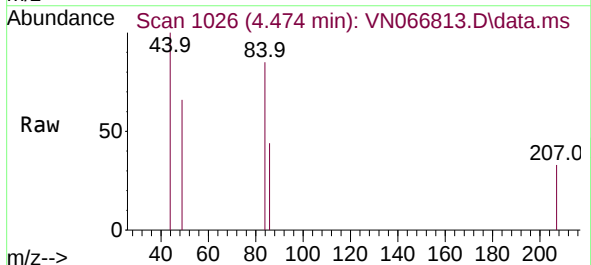
Ion Ratio Lower Upper

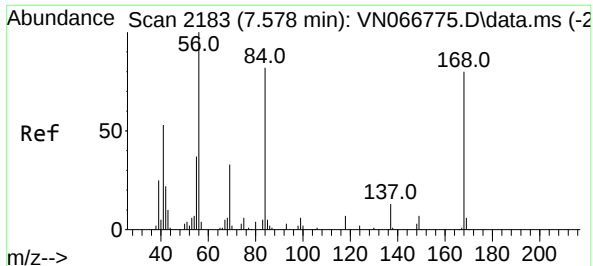
84 100

49 77.4 94.6 141.8#

51 0.0 29.9 44.9#

86 52.2 51.4 77.2

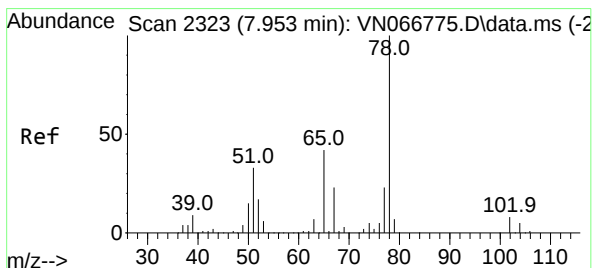
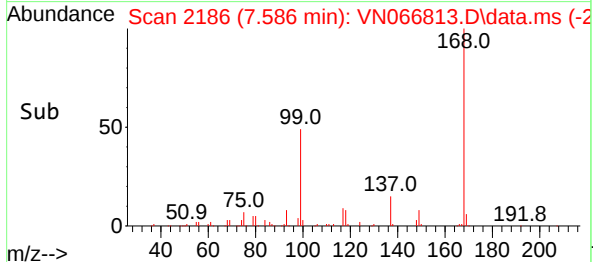
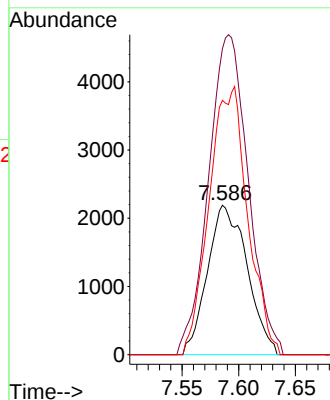
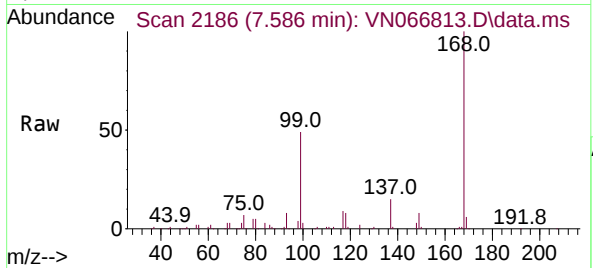




#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.586 min Scan# 2186
Delta R.T. 0.008 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

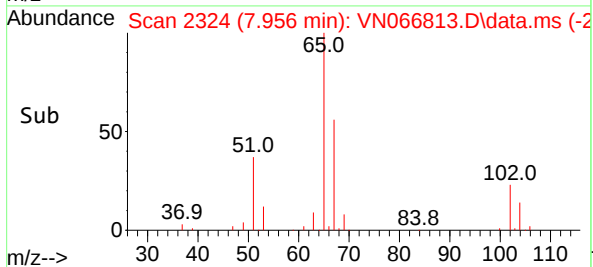
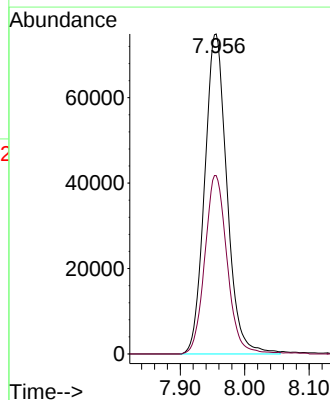
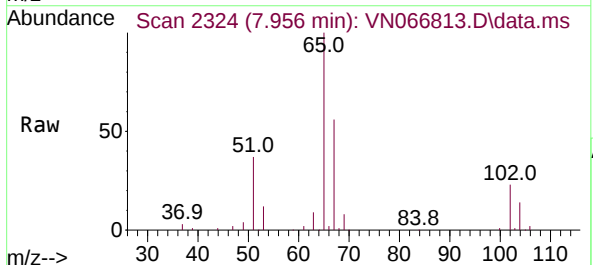
Instrument :
MSVOA_N
ClientSampled :

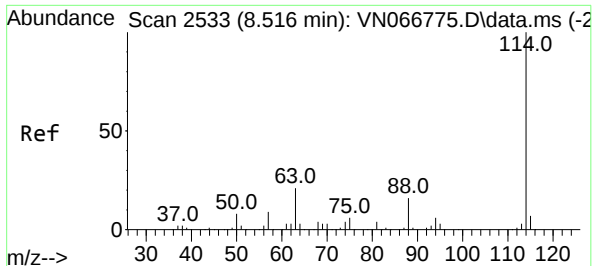
Tgt Ion: 56 Resp: 5336
Ion Ratio Lower Upper
56 100
69 197.6 26.6 39.8#
84 170.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 41.93 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

Tgt Ion: 65 Resp: 180119
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.2

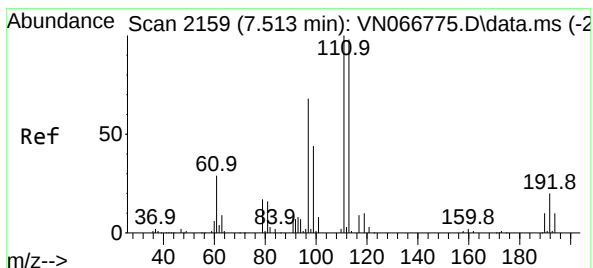
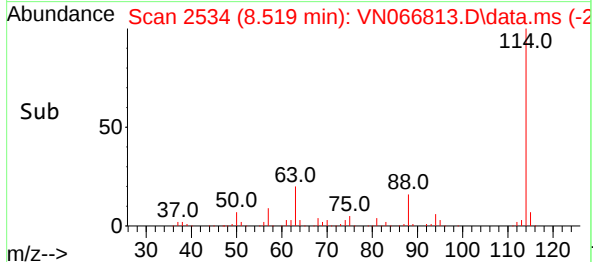
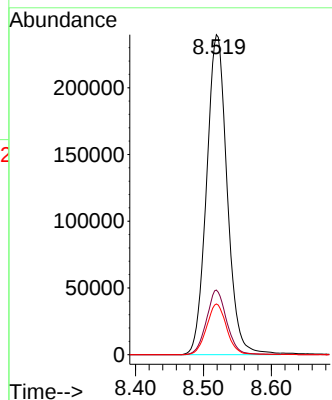
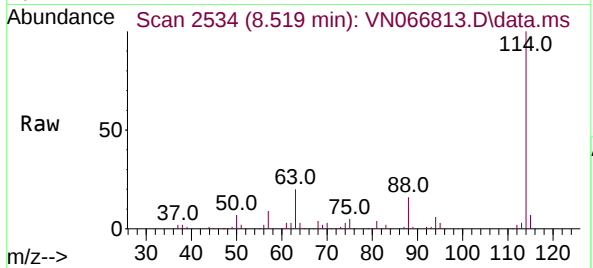




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

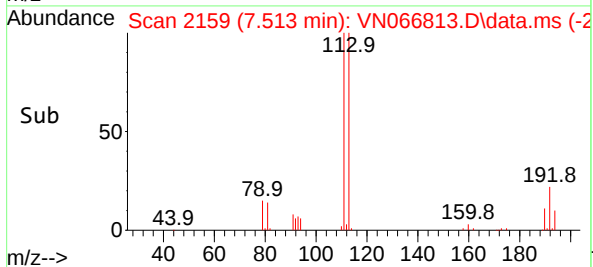
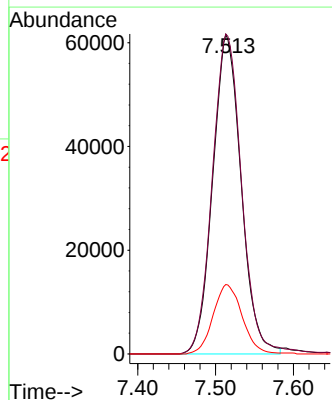
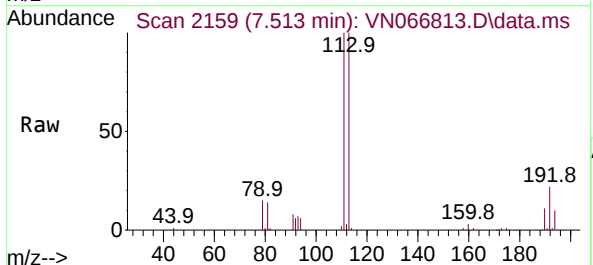
Instrument :
MSVOA_N
ClientSampled :

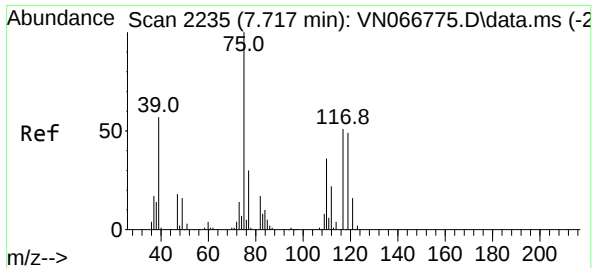
Tgt Ion:114 Resp: 504339
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.92 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

Tgt Ion:113 Resp: 155421
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 22.3 15.4 23.0

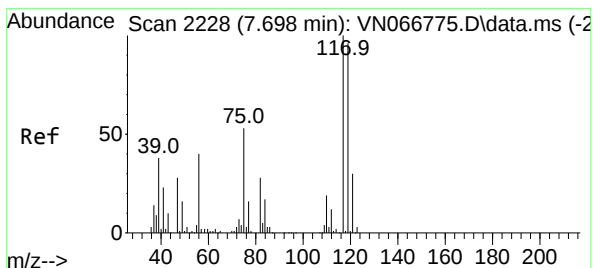
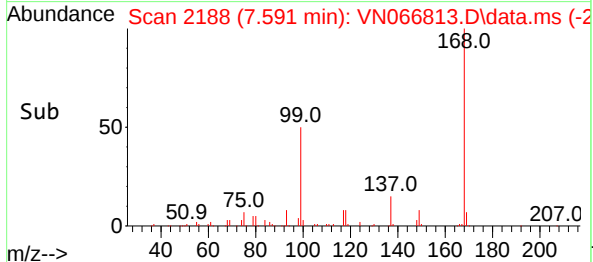
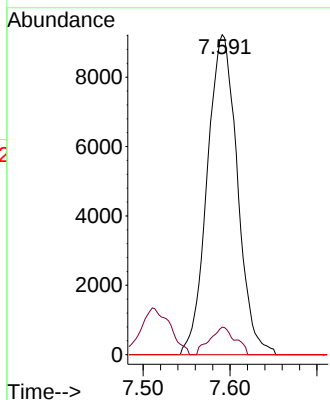
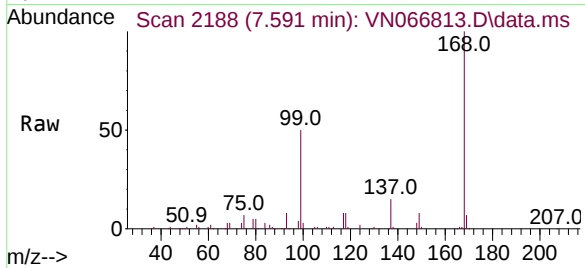




#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

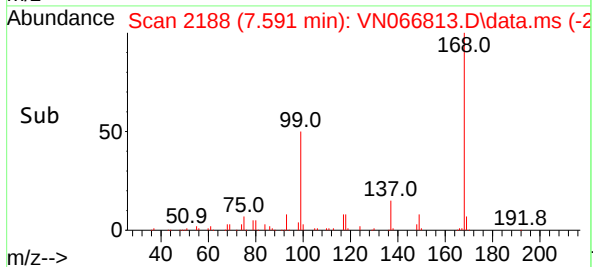
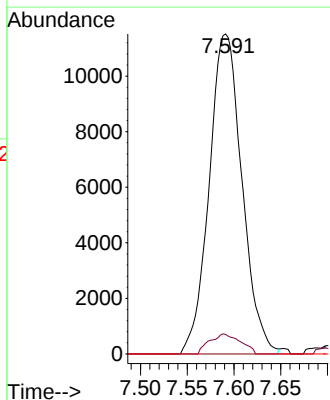
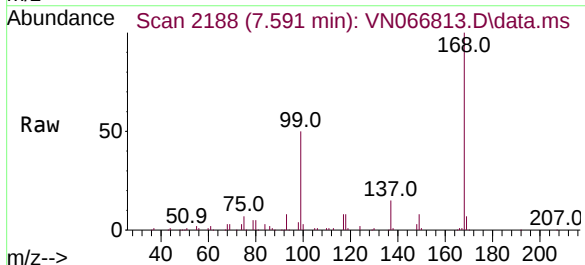
Instrument :
MSVOA_N
ClientSampled :

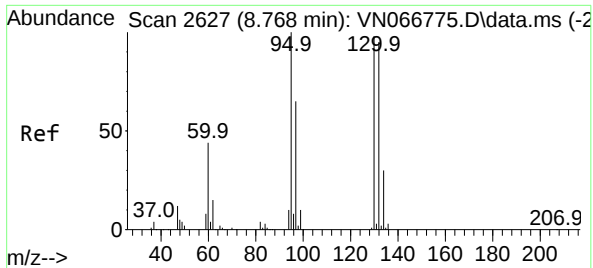
Tgt Ion: 75 Resp: 22222
Ion Ratio Lower Upper
75 100
110 7.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

Tgt Ion: 117 Resp: 28119
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.5 36.7#

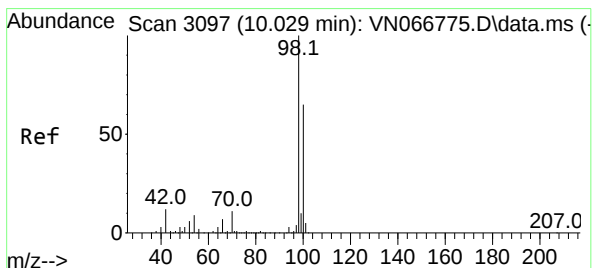
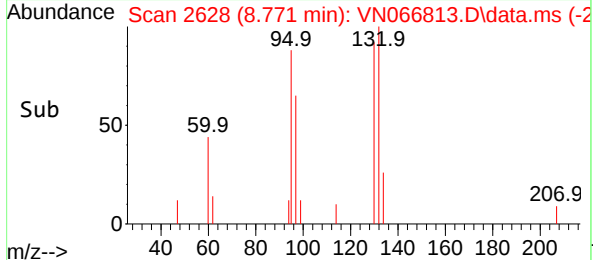
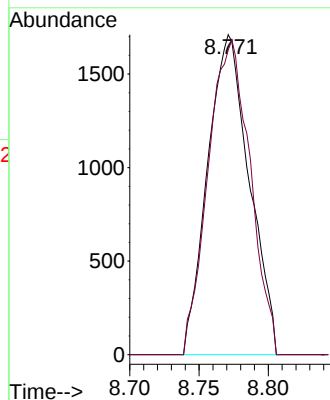
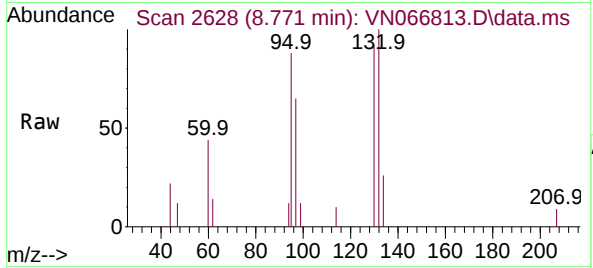




#44
Trichloroethene
Concen: 1.01 ug/l
RT: 8.771 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

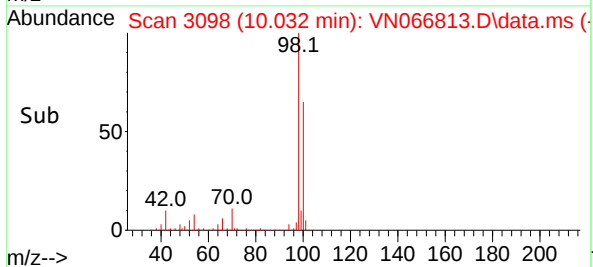
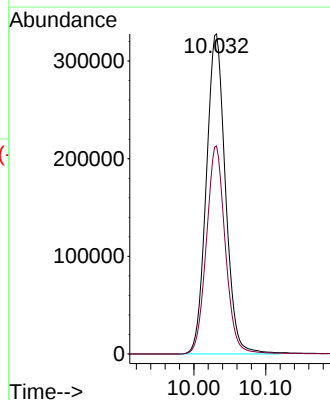
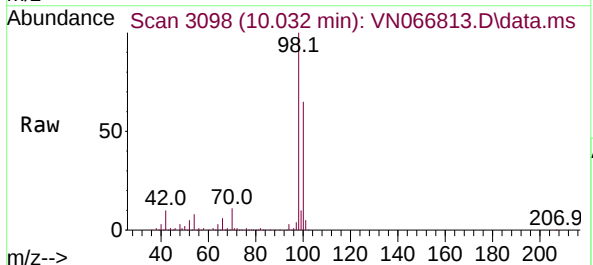
Instrument :
MSVOA_N
ClientSampled :

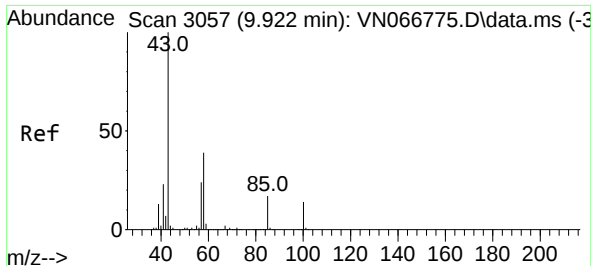
Tgt Ion:130 Resp: 3583
Ion Ratio Lower Upper
130 100
95 95.2 0.0 199.6



#50
Toluene-d8
Concen: 49.66 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

Tgt Ion: 98 Resp: 606856
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

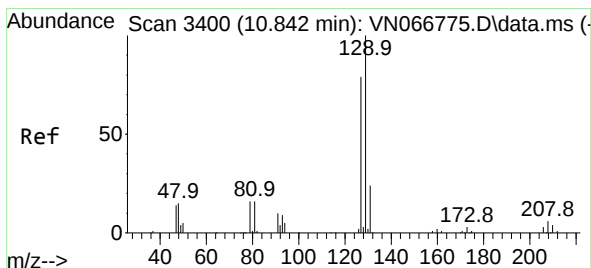
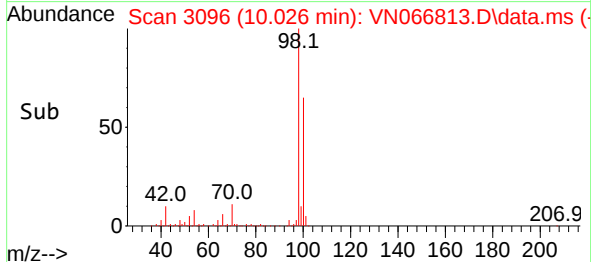
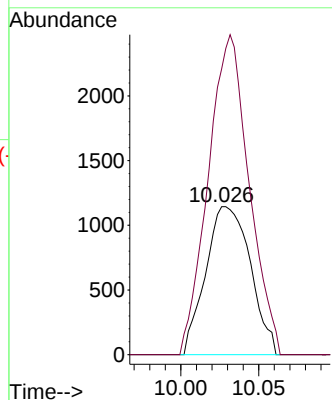
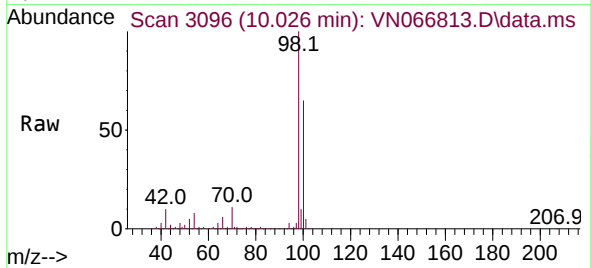




#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. 0.104 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

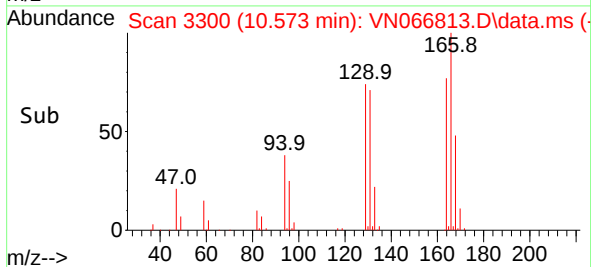
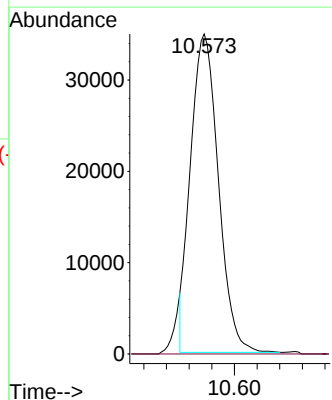
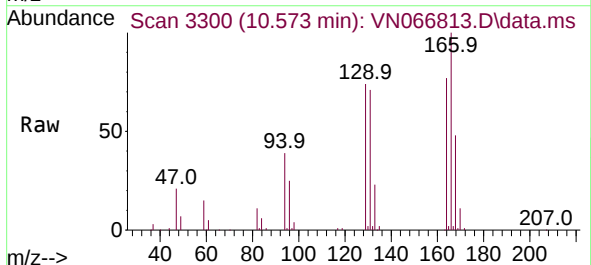
Instrument :
MSVOA_N
ClientSampled :

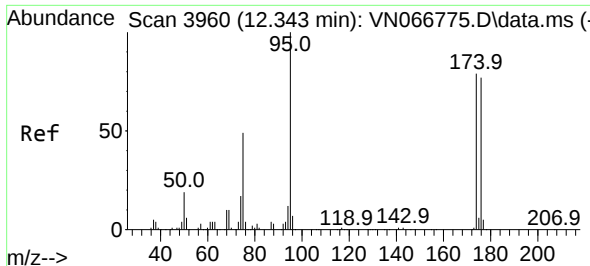
Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
58 197.9 32.5 48.7#



#60
Dibromochloromethane
Concen: 16.21 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

Tgt Ion: 129 Resp: 59326
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

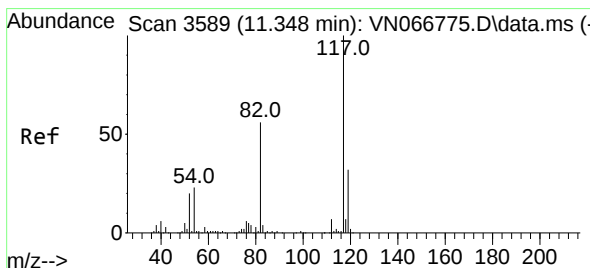
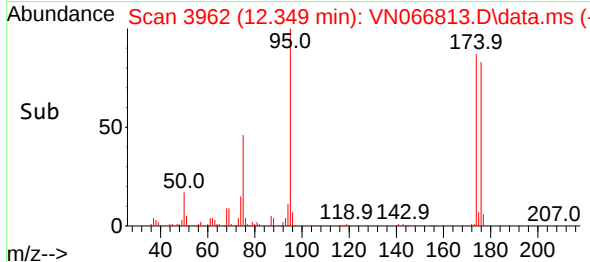
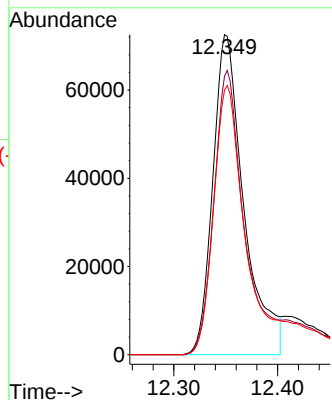
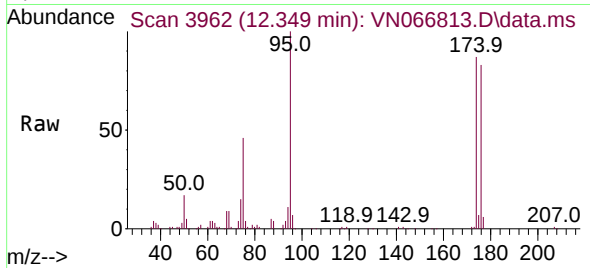




#62
4-Bromofluorobenzene
Concen: 36.54 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

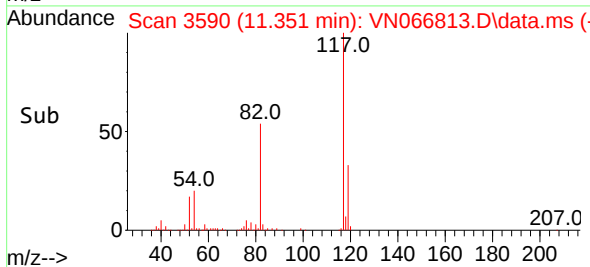
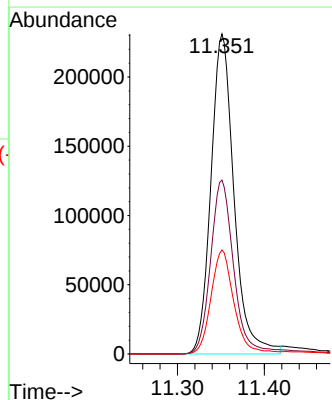
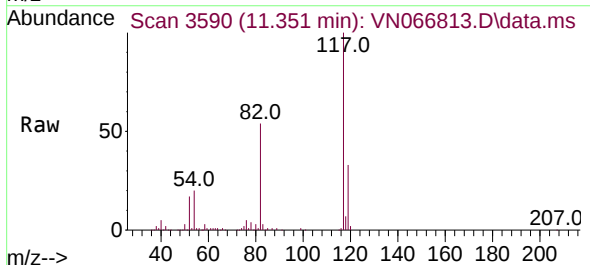
Instrument :
MSVOA_N
ClientSampleId :

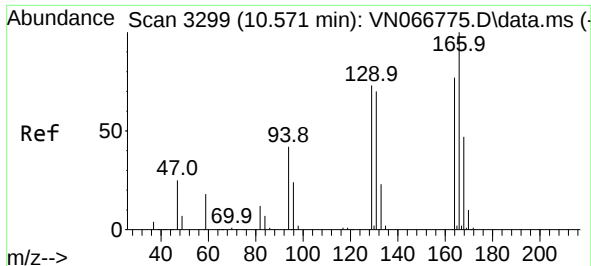
Tgt Ion: 95 Resp: 151068
Ion Ratio Lower Upper
95 100
174 103.2 0.0 169.0
176 100.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

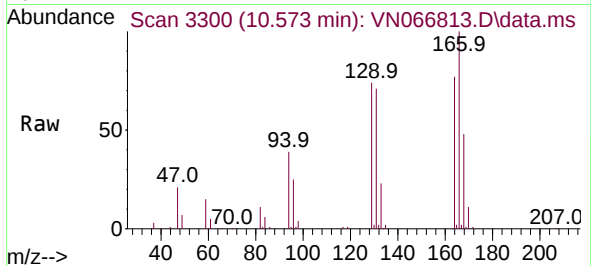
Tgt Ion: 117 Resp: 426235
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.5 26.1 39.1



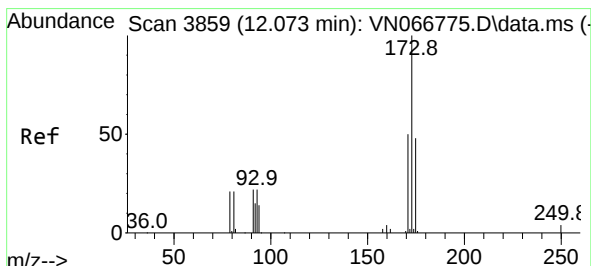
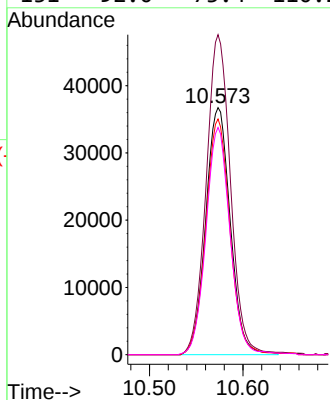
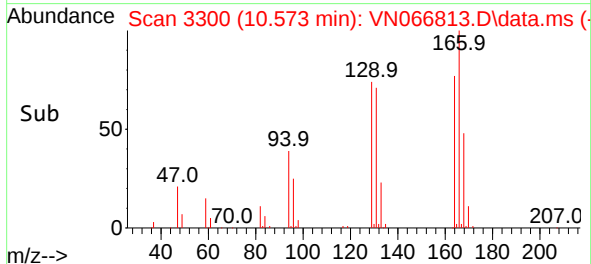


#64
Tetrachloroethene
Concen: 23.77 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

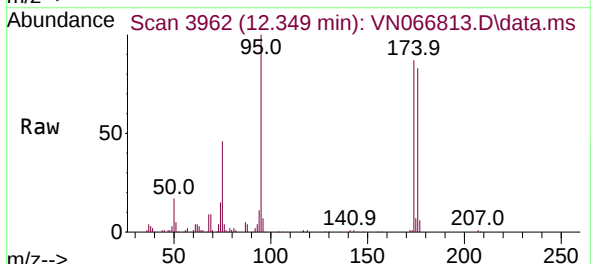
Instrument :
MSVOA_N
ClientSampleId :



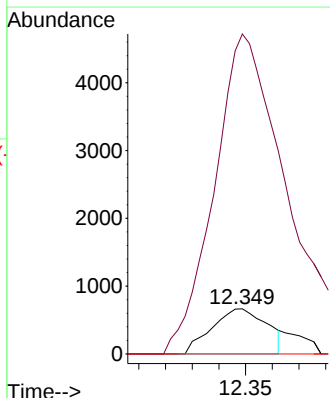
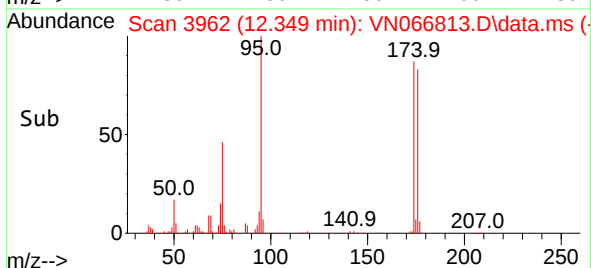
Tgt Ion:164 Resp: 66986
Ion Ratio Lower Upper
164 100
166 129.6 102.6 154.0
129 95.4 76.2 114.4
131 92.0 73.4 110.2

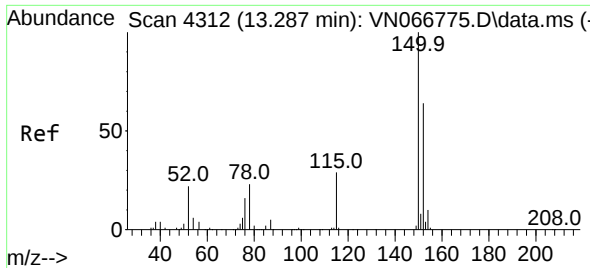


#71
Bromoform
Concen: 0.41 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30



Tgt Ion:173 Resp: 952
Ion Ratio Lower Upper
173 100
175 721.5 23.8 71.2#
254 0.0 0.0 0.0

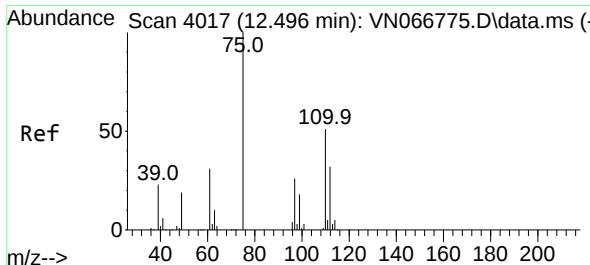
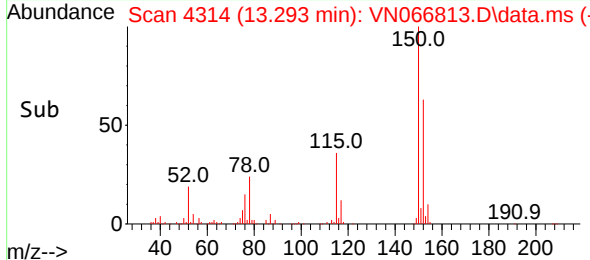
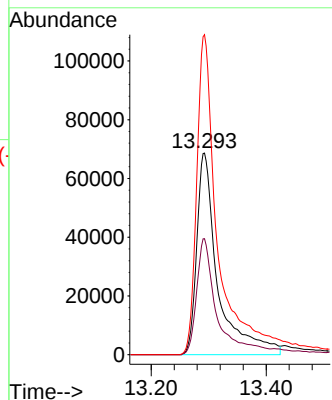
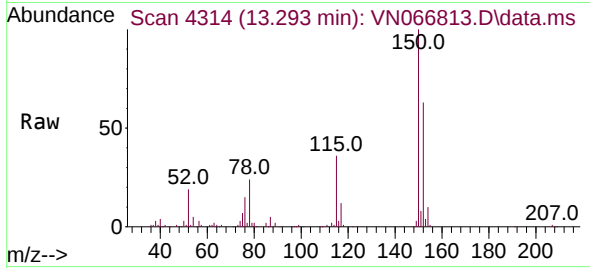




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.293 min Scan# 4314
 Delta R.T. 0.005 min
 Lab File: VN066813.D
 Acq: 28 Apr 2021 15:30

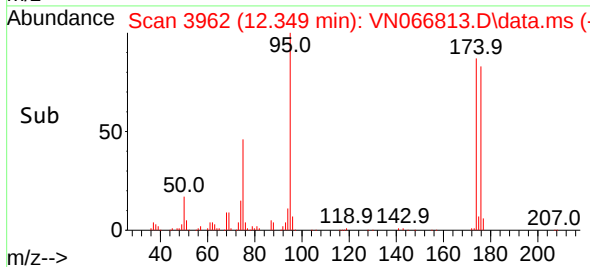
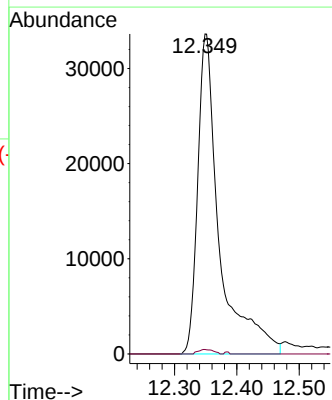
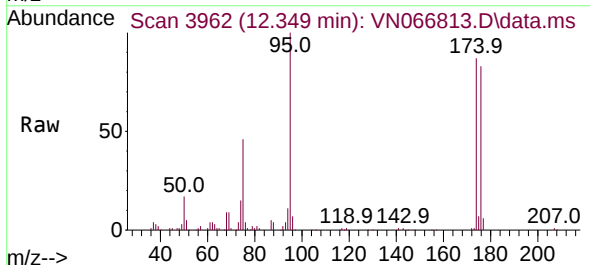
Instrument :
 MSVOA_N
 ClientSampled :

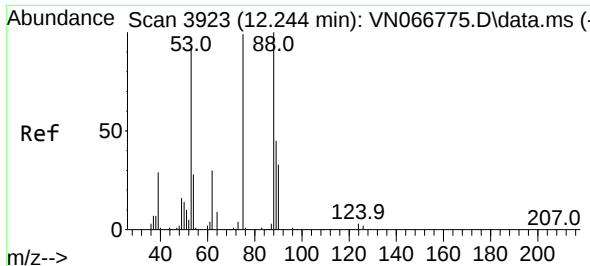
Tgt Ion:152 Resp: 175938
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.5 85.6
 150 160.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 21.91 ug/l
 RT: 12.349 min Scan# 3962
 Delta R.T. -0.147 min
 Lab File: VN066813.D
 Acq: 28 Apr 2021 15:30

Tgt Ion: 75 Resp: 81256
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

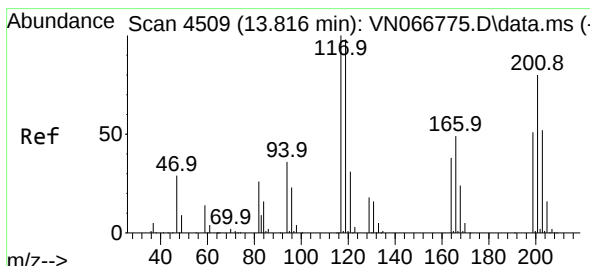
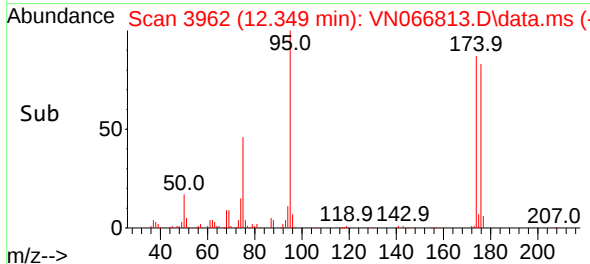
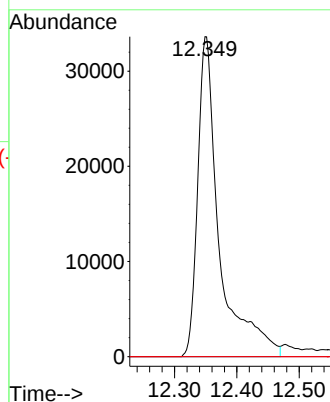
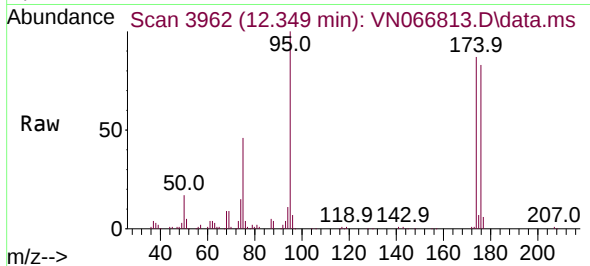




#81
trans-1,4-Dichloro-2-butene
Concen: 59.63 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81256
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#90
Hexachloroethane
Concen: 0.34 ug/l
RT: 13.818 min Scan# 4510
Delta R.T. 0.002 min
Lab File: VN066813.D
Acq: 28 Apr 2021 15:30

Tgt Ion: 117 Resp: 748
Ion Ratio Lower Upper
117 100
201 53.9 37.8 113.3

