

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066836.D
 Acq On : 29 Apr 2021 1:41
 Operator : JC/MD
 Sample : M2137-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:34:17 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)

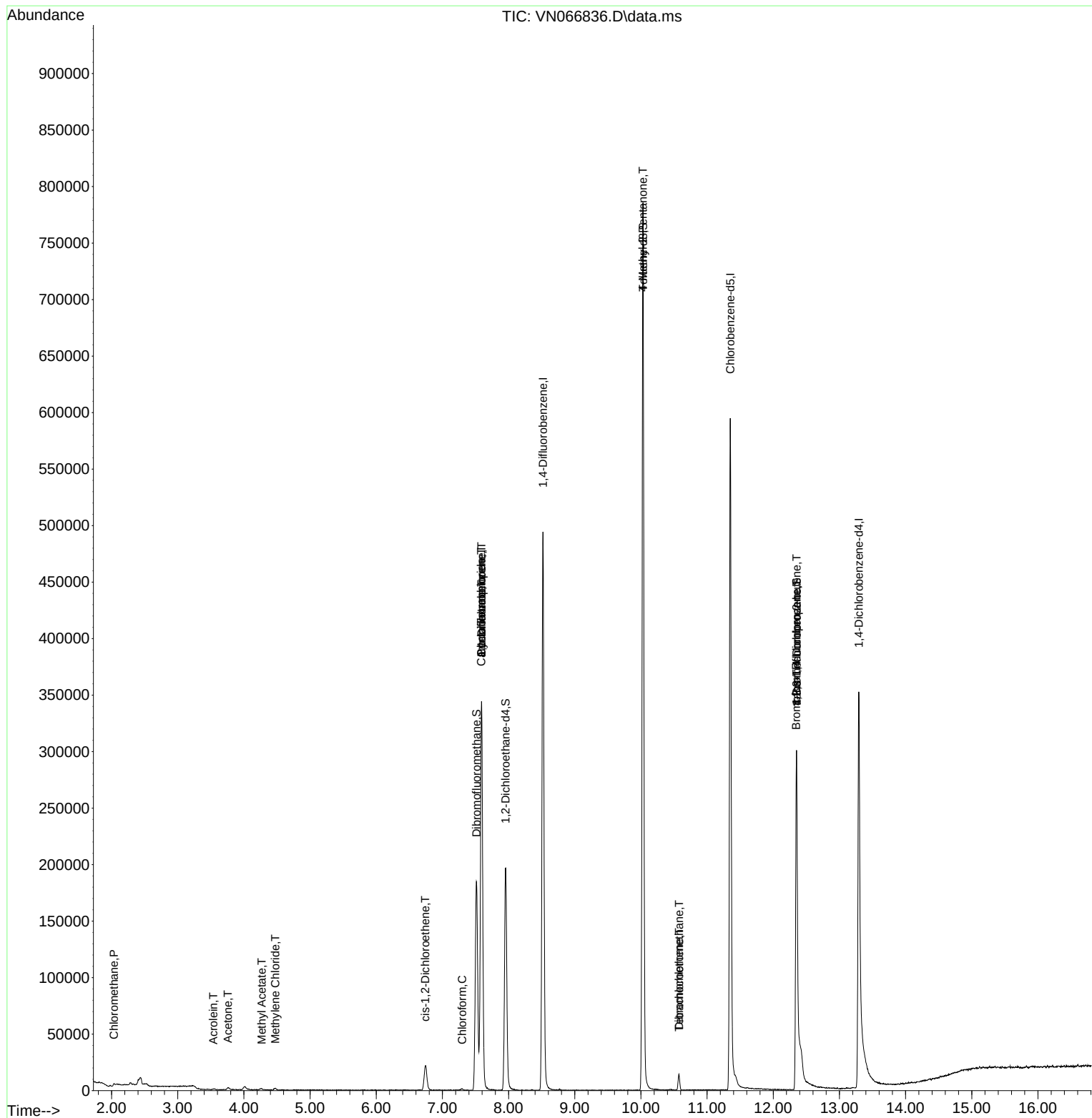
Internal Standards						
1) Pentafluorobenzene	7.591	168	308709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	467368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	406263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	164795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	170146	42.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.80%		
35) Dibromofluoromethane	7.516	113	151346	52.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.92%		
50) Toluene-d8	10.032	98	559579	49.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.82%		
62) 4-Bromofluorobenzene	12.352	95	138059	36.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	72.06%		
Target Compounds						
						Qvalue
3) Chloromethane	2.034	50	1135	0.26	ug/l	93
13) Acrolein	3.539	56	250	0.49	ug/l #	1
16) Acetone	3.759	43	3277	2.19	ug/l	91
18) Methyl Acetate	4.268	43	2352	1.68	ug/l #	61
20) Methylene Chloride	4.475	84	1068	0.28	ug/l #	71
27) cis-1,2-Dichloroethene	6.741	96	16386	4.26	ug/l	89
30) Chloroform	7.299	83	1533	0.25	ug/l	94
31) Cyclohexane	7.591	56	4760	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	20286	4.67	ug/l #	49
38) Carbon Tetrachloride	7.588	117	26379	6.33	ug/l #	18
51) 4-Methyl-2-Pentanone	10.029	43	2057	0.52	ug/l #	1
60) Dibromochloromethane	10.576	129	3260	0.96	ug/l #	11
64) Tetrachloroethene	10.579	164	3647	1.36	ug/l	95
71) Bromoform	12.346	173	498	0.23	ug/l #	1
76) 1,2,3-Trichloropropane	12.352	75	61024	17.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.352	75	61024	49.23	ug/l #	12

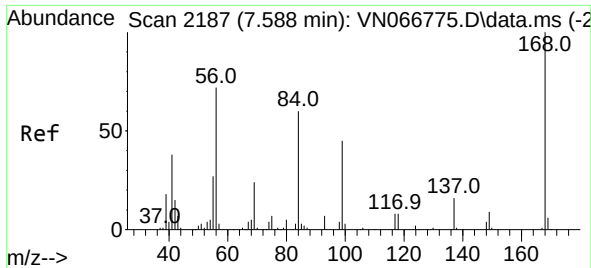
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

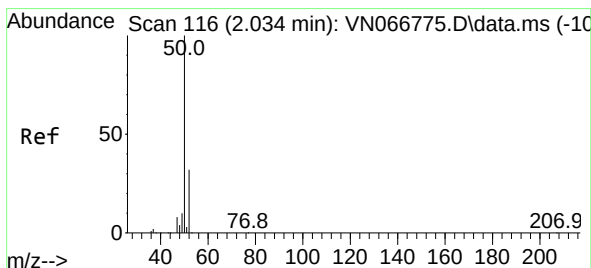
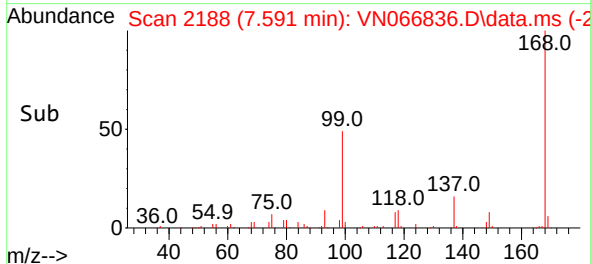
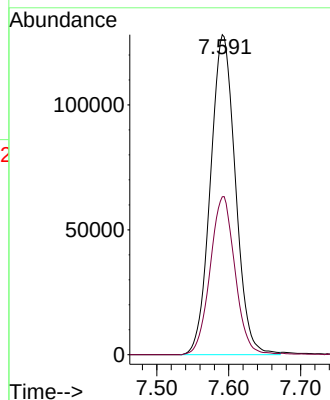
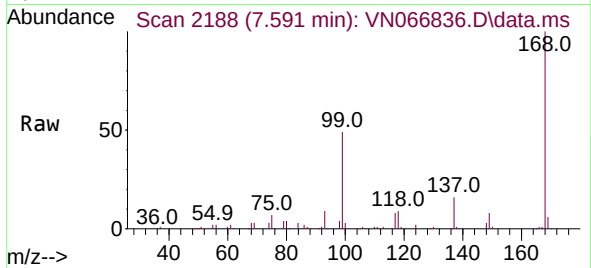




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

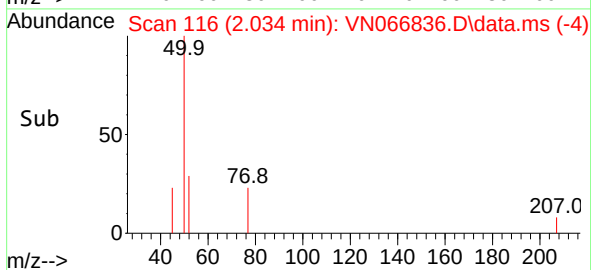
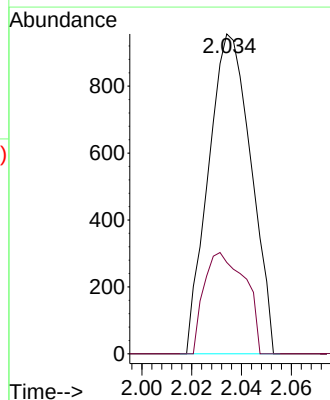
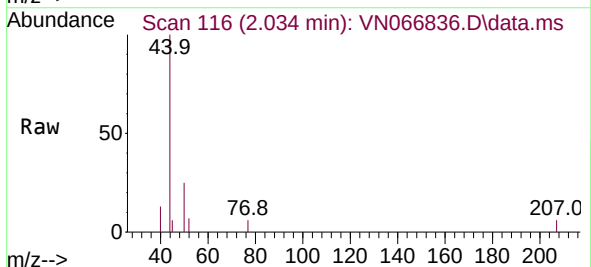
Instrument :
MSVOA_N
ClientSampled :

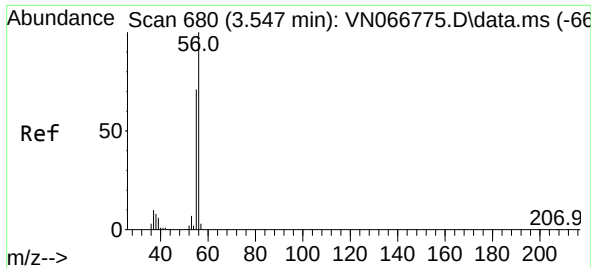
Tgt Ion:168 Resp: 308709
Ion Ratio Lower Upper
168 100
99 49.4 42.6 63.8



#3
Chloromethane
Concen: 0.26 ug/l
RT: 2.034 min Scan# 116
Delta R.T. 0.000 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion: 50 Resp: 1135
Ion Ratio Lower Upper
50 100
52 28.6 25.8 38.8

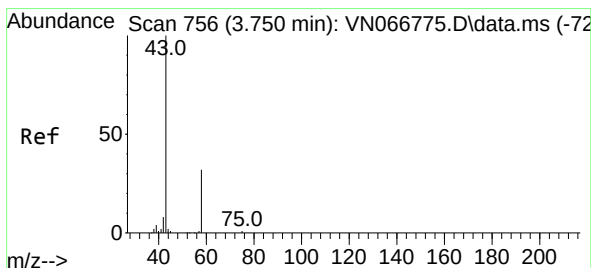
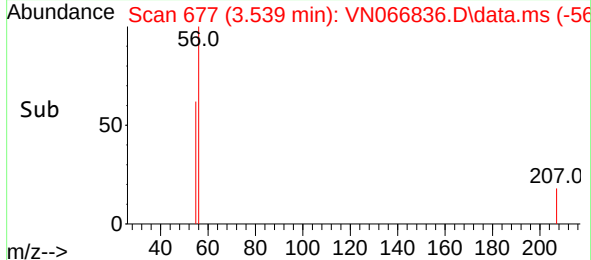
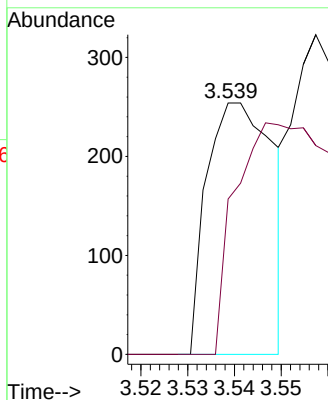
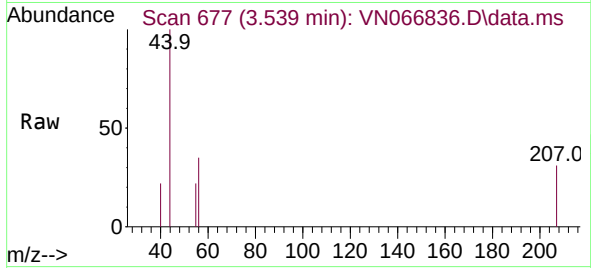




#13
Acrolein
Concen: 0.49 ug/l
RT: 3.539 min Scan# 677
Delta R.T. -0.008 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

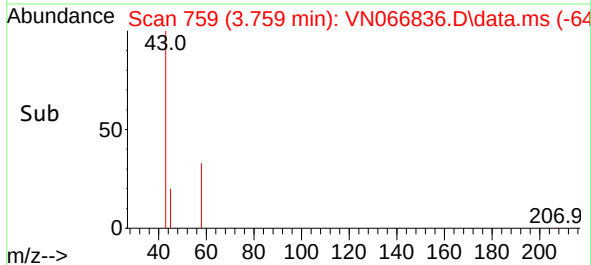
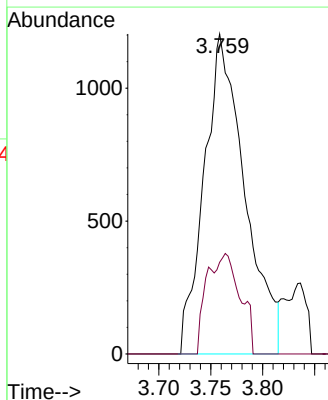
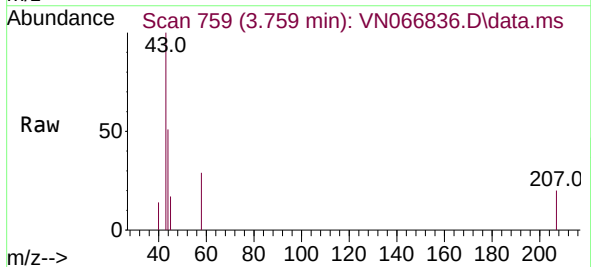
Instrument :
MSVOA_N
ClientSampled :

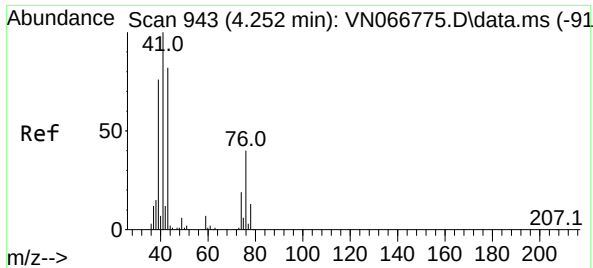
Tgt Ion: 56 Resp: 250
Ion Ratio Lower Upper
56 100
55 158.0 56.0 84.0#



#16
Acetone
Concen: 2.19 ug/l
RT: 3.759 min Scan# 759
Delta R.T. 0.009 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

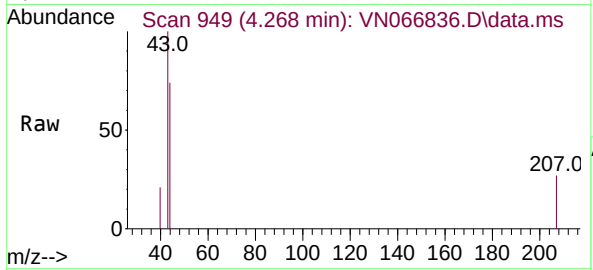
Tgt Ion: 43 Resp: 3277
Ion Ratio Lower Upper
43 100
58 28.7 27.0 40.6



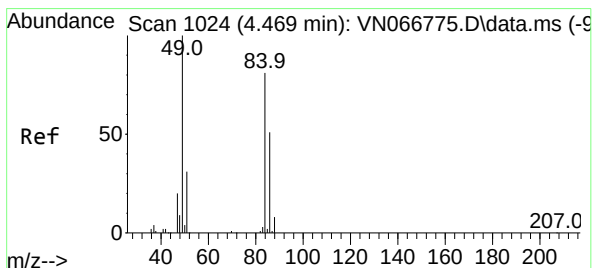
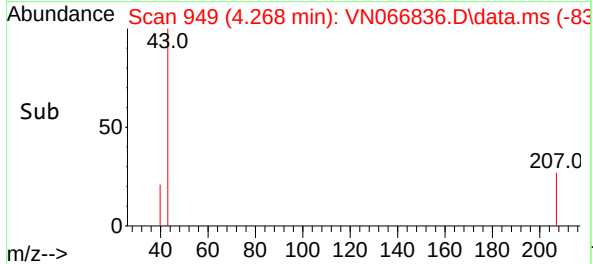
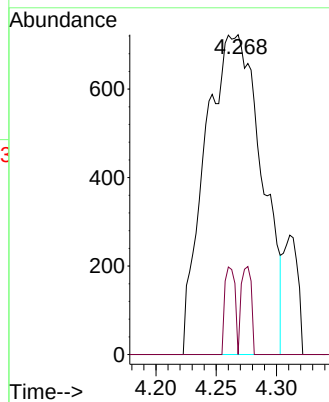


#18
Methyl Acetate
Concen: 1.68 ug/l
RT: 4.268 min Scan# 949
Delta R.T. 0.016 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Instrument :
MSVOA_N
ClientSampled :

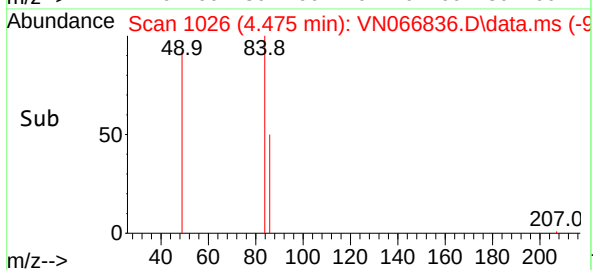
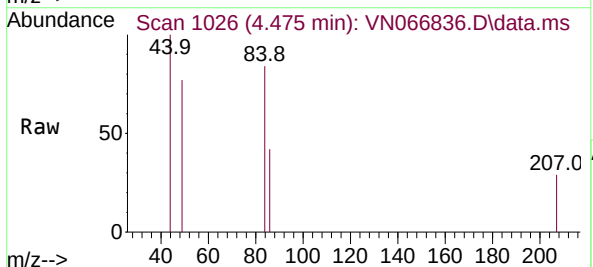
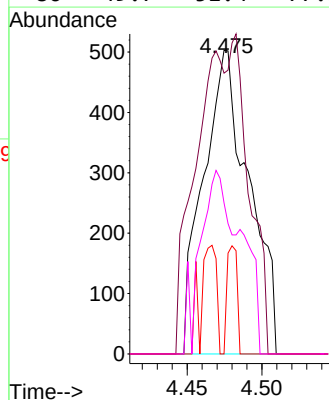


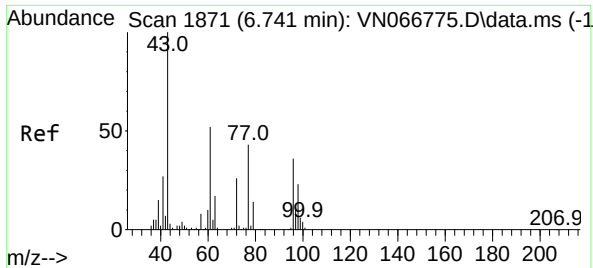
Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
74 4.9 19.5 29.3#



#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

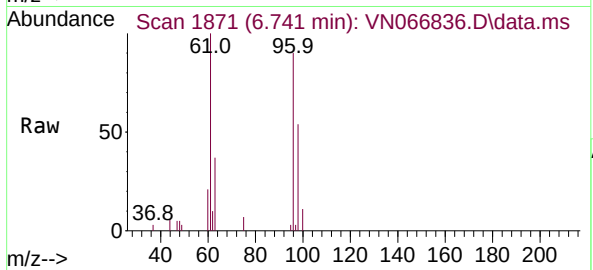
Tgt Ion: 84 Resp: 1068
Ion Ratio Lower Upper
84 100
49 92.4 94.6 141.8#
51 0.0 29.9 44.9#
86 49.7 51.4 77.2#



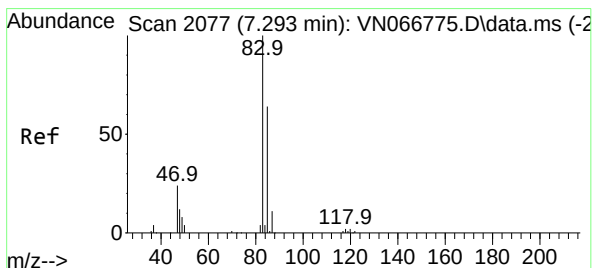
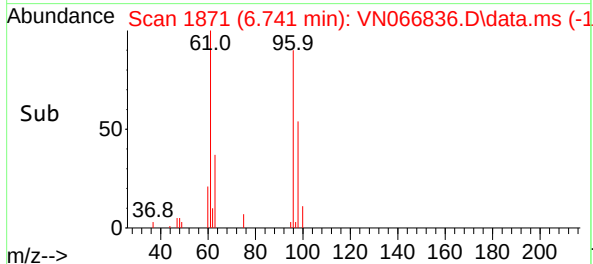
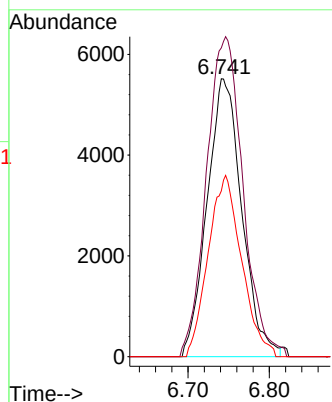


#27
cis-1,2-Dichloroethene
Concen: 4.26 ug/l
RT: 6.741 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Instrument :
MSVOA_N
ClientSampleId :

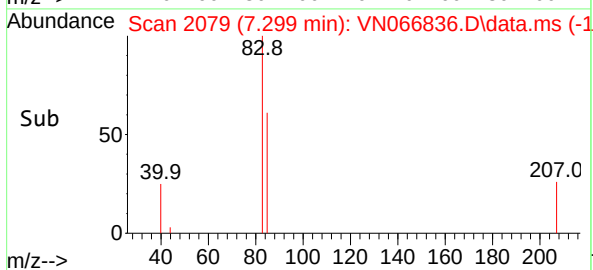
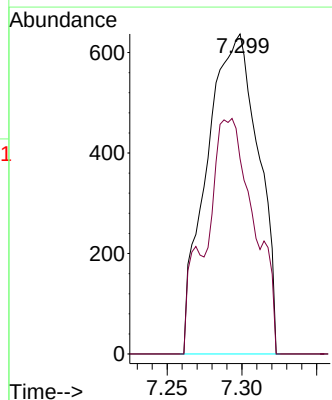
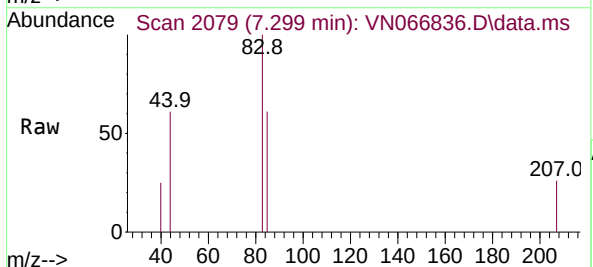


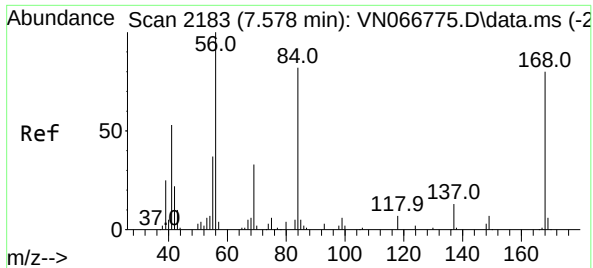
Tgt Ion: 96	Resp: 16386
Ion Ratio	Lower Upper
96 100	
61 120.6	0.0 276.8
98 62.7	0.0 129.4



#30
Chloroform
Concen: 0.25 ug/l
RT: 7.299 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion: 83	Resp: 1533
Ion Ratio	Lower Upper
83 100	
85 61.1	52.6 78.8

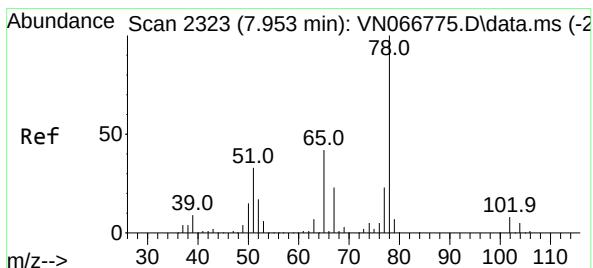
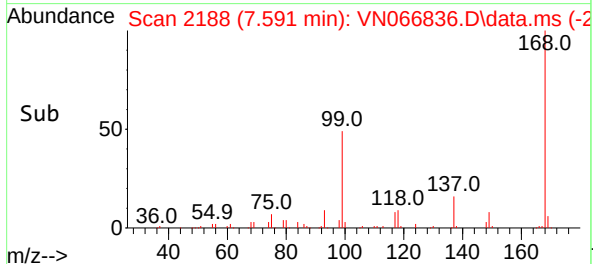
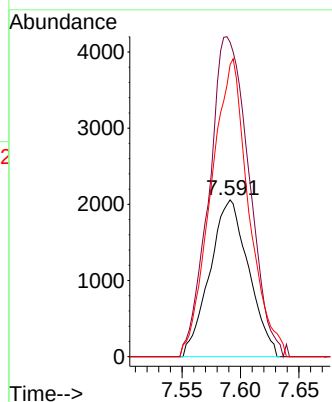
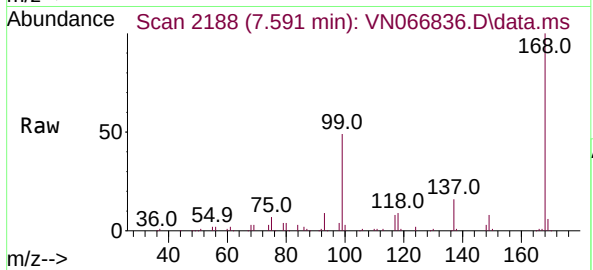




#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

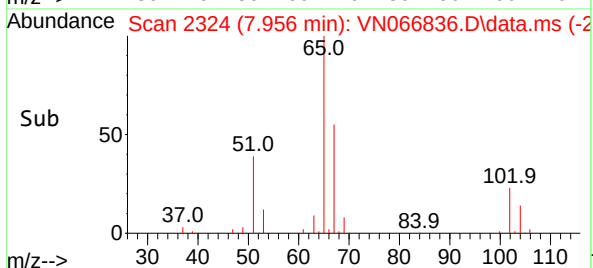
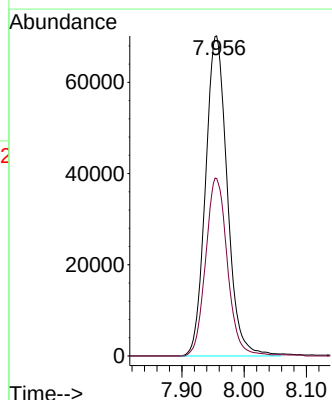
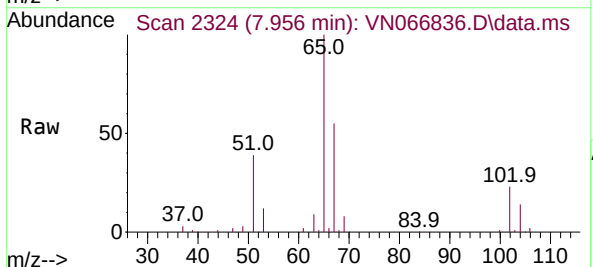
Instrument :
MSVOA_N
ClientSampled :

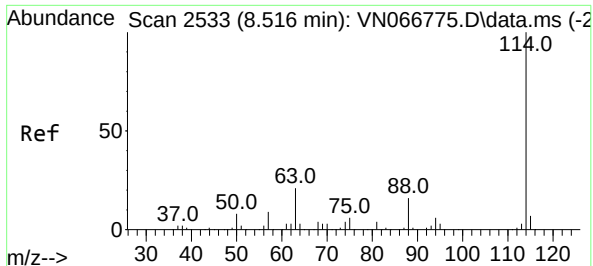
Tgt Ion: 56 Resp: 4760
Ion Ratio Lower Upper
56 100
69 200.4 26.6 39.8#
84 186.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.90 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion: 65 Resp: 170146
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.2

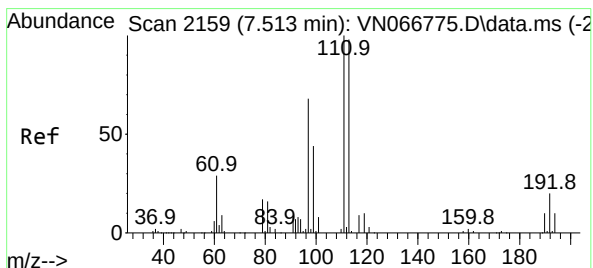
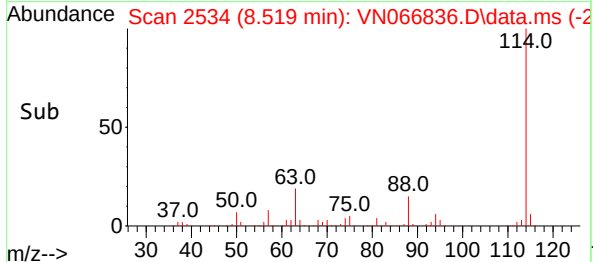
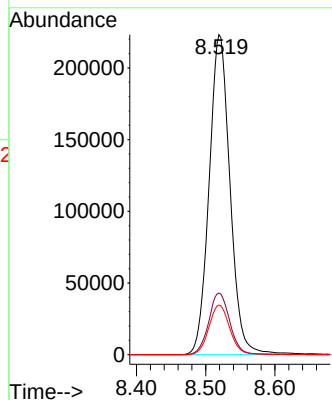
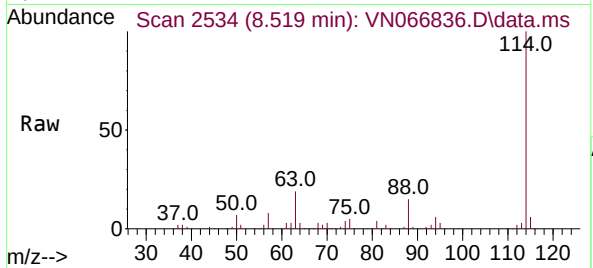




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

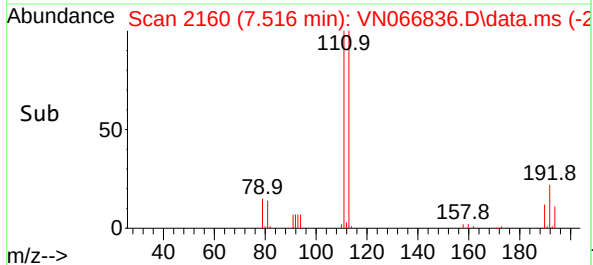
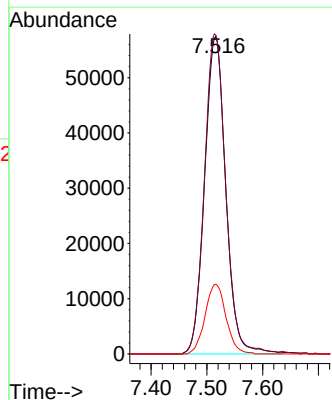
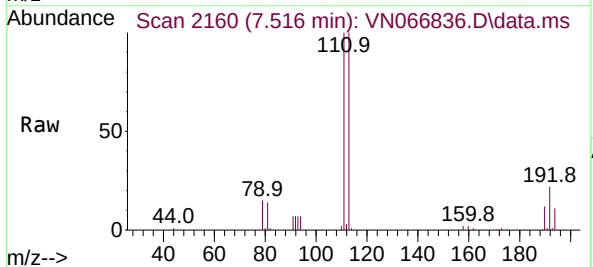
Instrument :
MSVOA_N
ClientSampled :

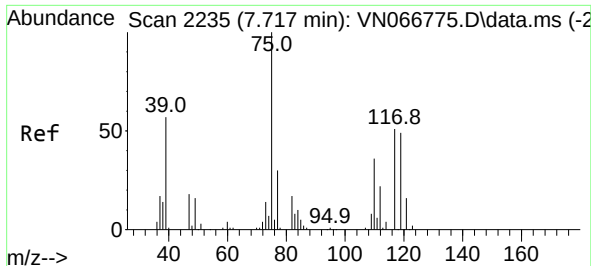
Tgt Ion:114 Resp: 467368
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.46 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion:113 Resp: 151346
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 21.8 15.4 23.0

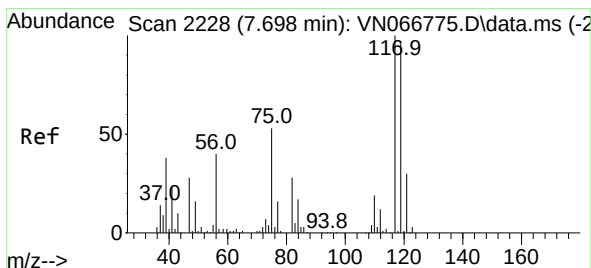
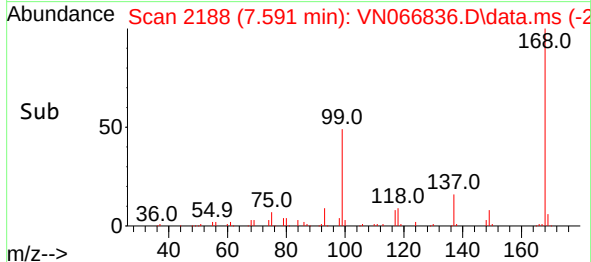
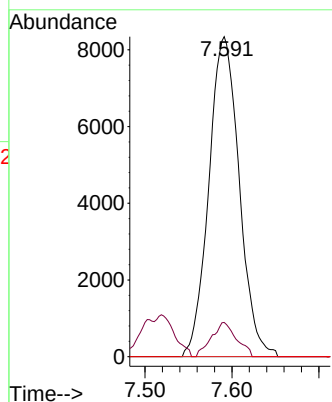
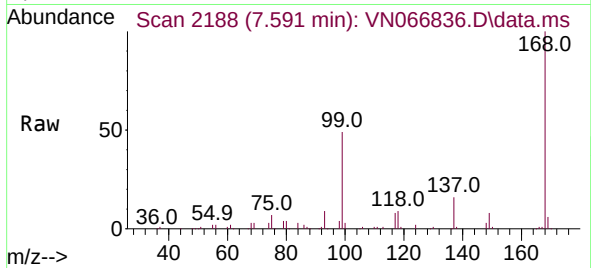




#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

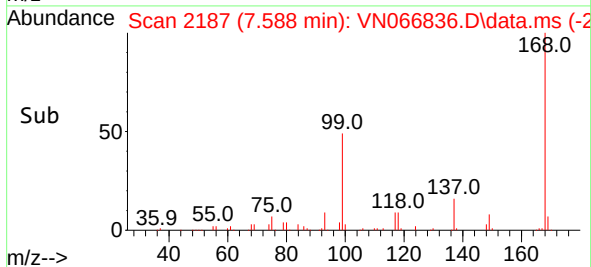
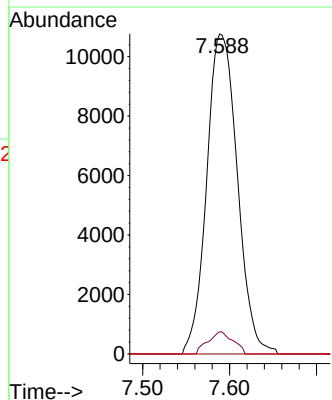
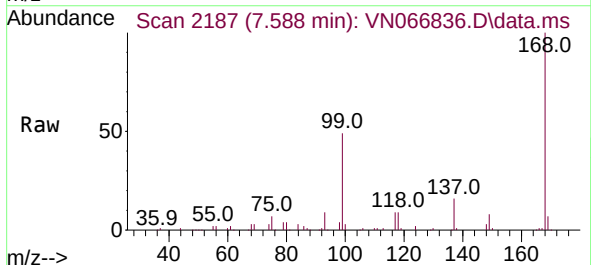
Instrument :
MSVOA_N
ClientSampled :

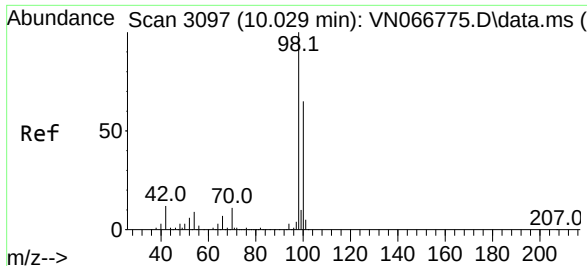
Tgt Ion: 75 Resp: 20286
Ion Ratio Lower Upper
75 100
110 8.8 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.110 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion: 117 Resp: 26379
Ion Ratio Lower Upper
117 100
119 6.9 76.0 114.0#
121 0.0 24.5 36.7#

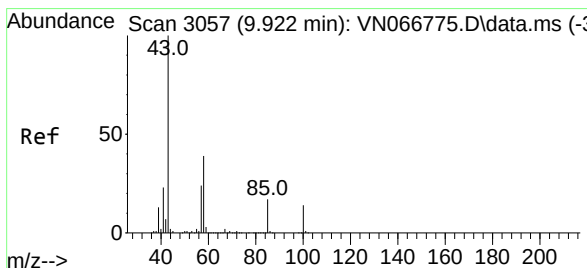
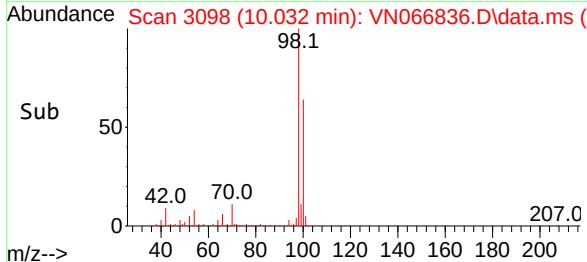
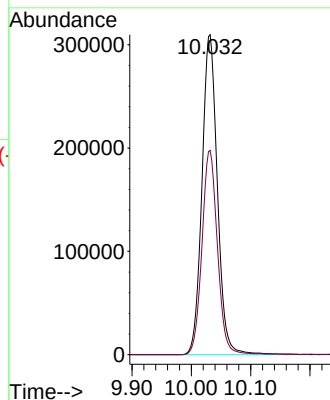
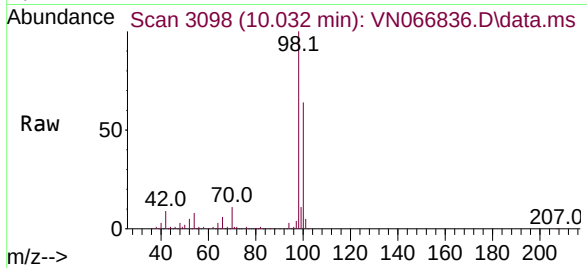




#50
Toluene-d8
Concen: 49.41 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

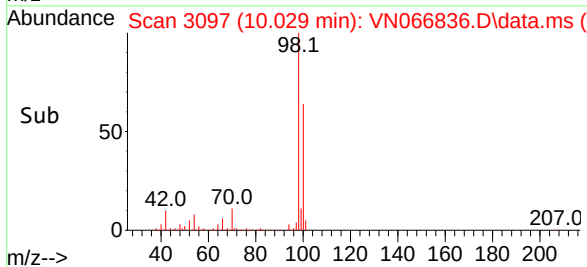
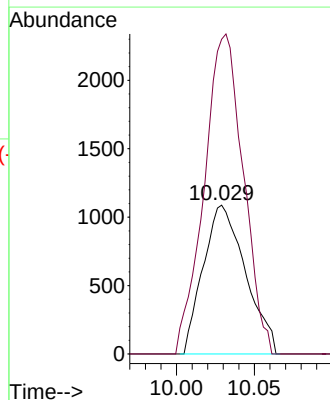
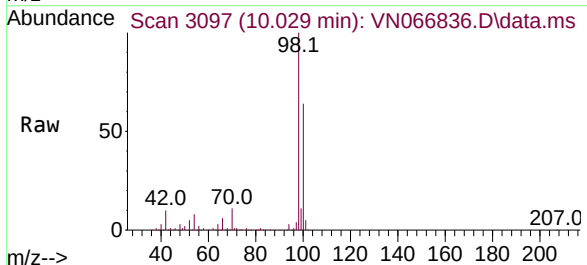
Instrument :
MSVOA_N
ClientSampled :

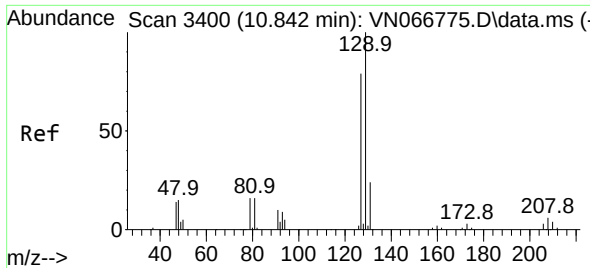
Tgt Ion: 98 Resp: 559579
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.107 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
58 198.7 32.5 48.7#

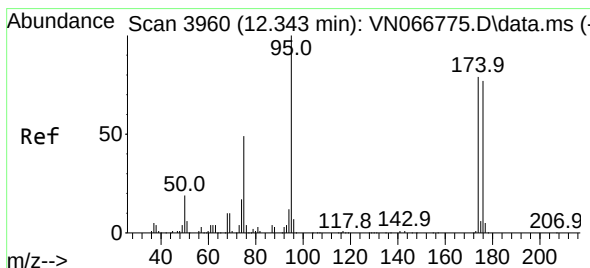
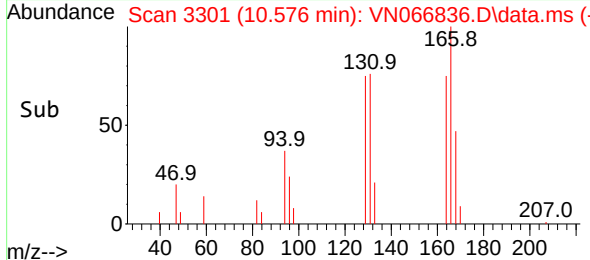
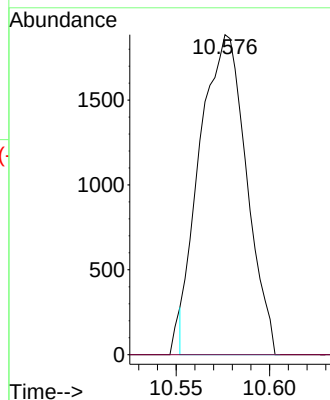
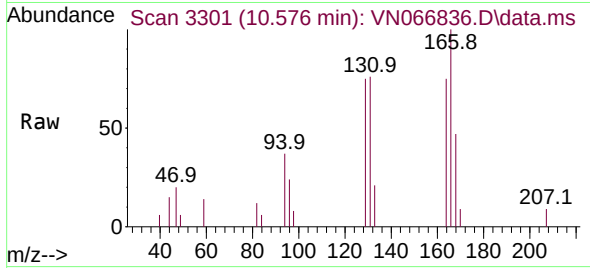




#60
Dibromochloromethane
Concen: 0.96 ug/l
RT: 10.576 min Scan# 3301
Delta R.T. -0.266 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

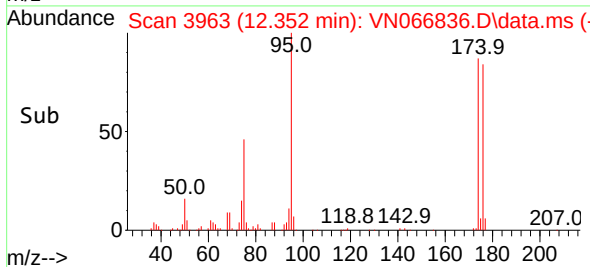
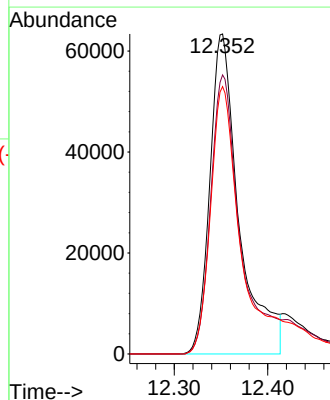
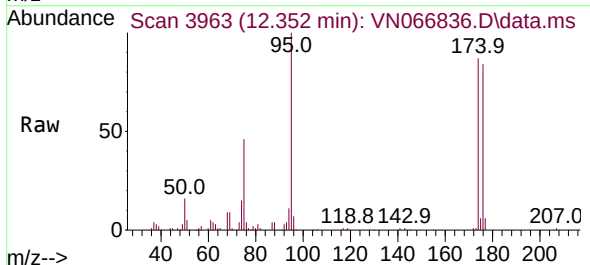
Instrument :
MSVOA_N
ClientSampled :

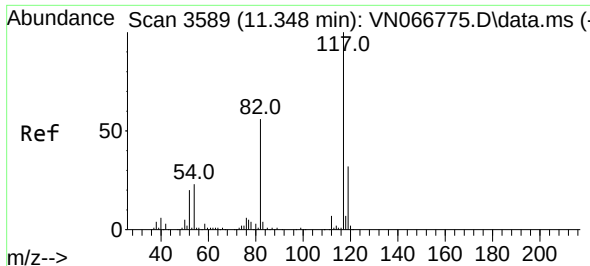
Tgt Ion:129 Resp: 3260
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 36.03 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.009 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion: 95 Resp: 138059
Ion Ratio Lower Upper
95 100
174 88.6 0.0 169.0
176 96.1 0.0 162.4

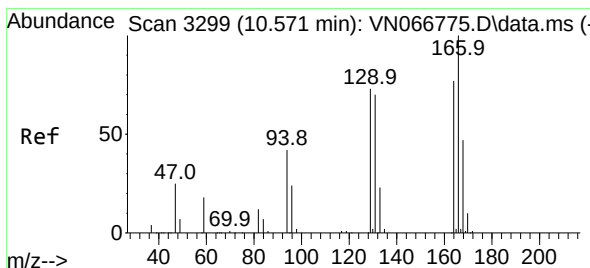
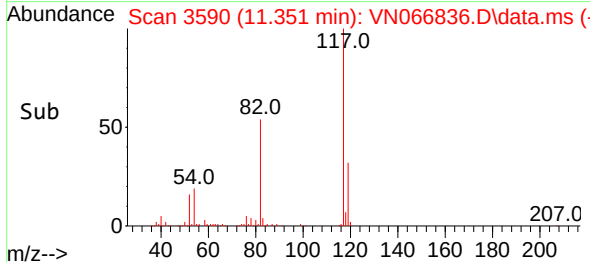
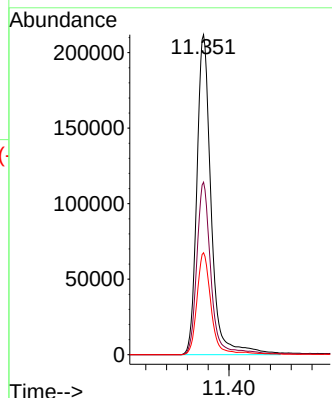
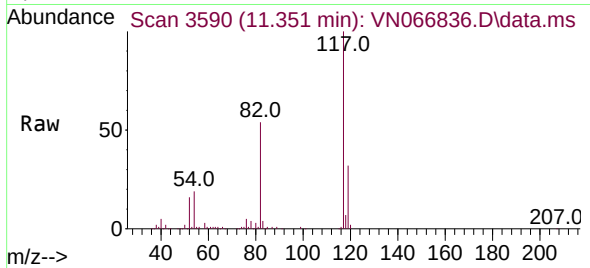




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

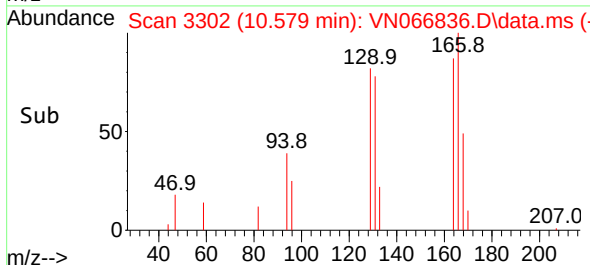
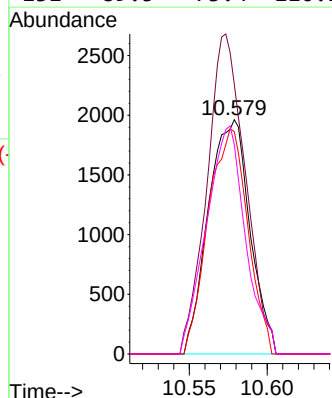
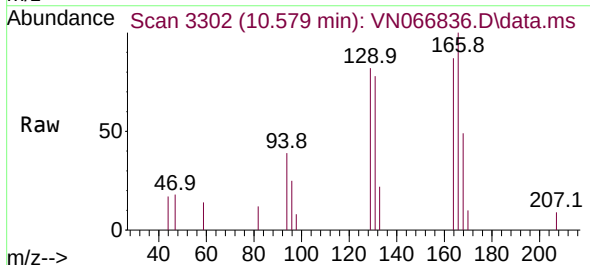
Instrument :
MSVOA_N
ClientSampleId :

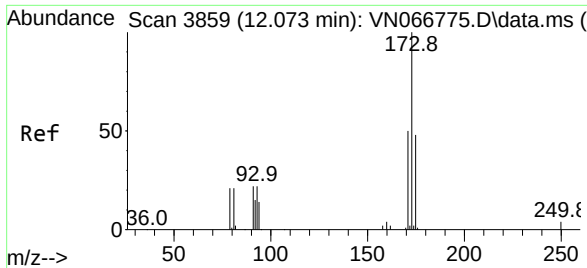
Tgt Ion:117 Resp: 406263
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 1.36 ug/l
RT: 10.579 min Scan# 3302
Delta R.T. 0.008 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion:164 Resp: 3647
Ion Ratio Lower Upper
164 100
166 115.2 102.6 154.0
129 94.9 76.2 114.4
131 89.5 73.4 110.2

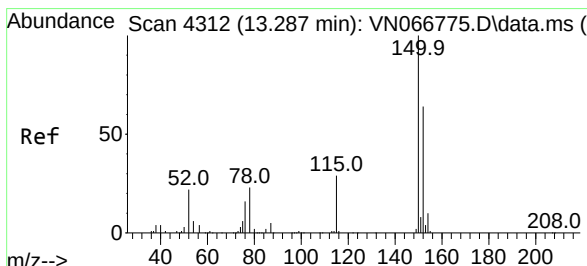
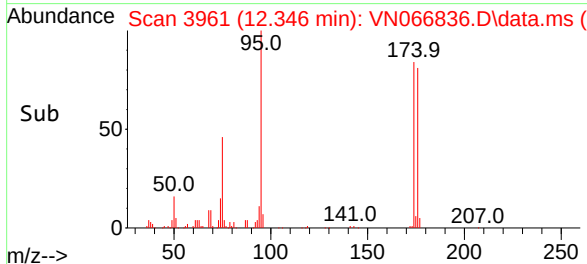
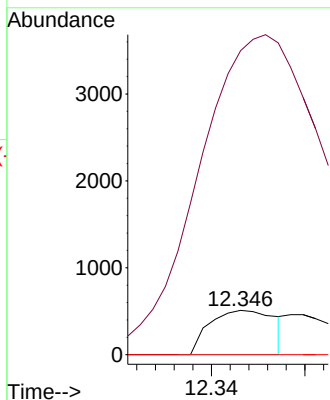
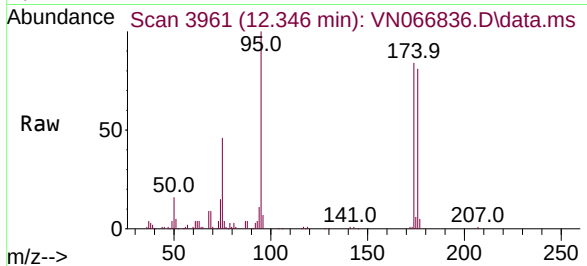




#71
Bromoform
Concen: 0.23 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.273 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

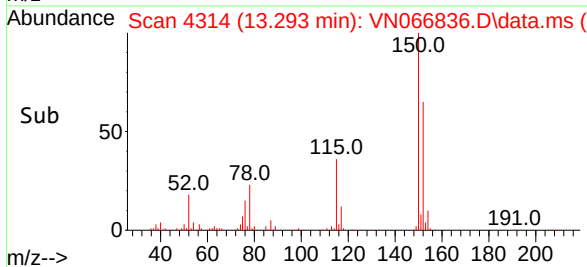
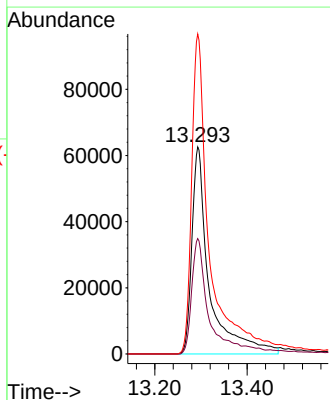
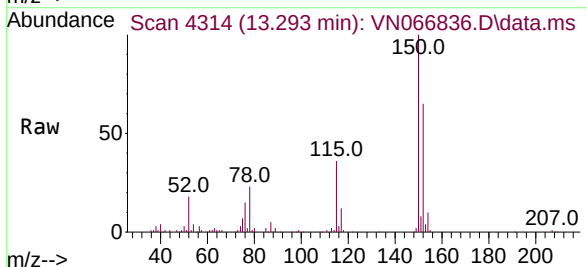
Instrument :
MSVOA_N
ClientSampled :

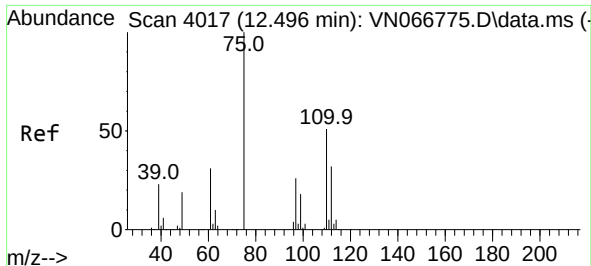
Tgt Ion:173 Resp: 498
Ion Ratio Lower Upper
173 100
175 1177.9 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion:152 Resp: 164795
Ion Ratio Lower Upper
152 100
115 51.6 28.5 85.6
150 157.1 0.0 347.6

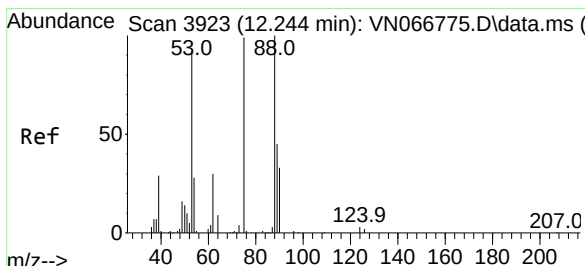
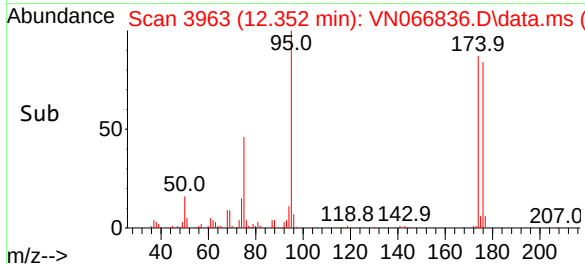
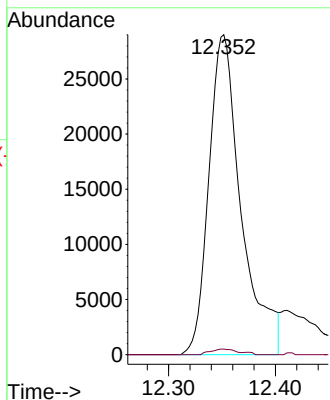
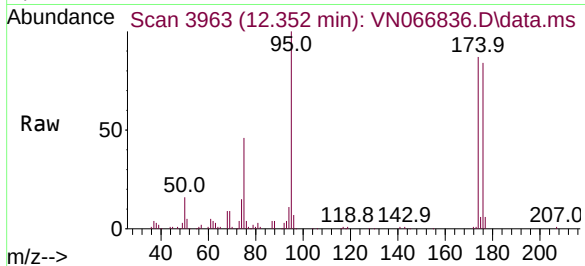




#76
1,2,3-Trichloropropane
Concen: 17.57 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. -0.144 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 61024
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.23 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.108 min
Lab File: VN066836.D
Acq: 29 Apr 2021 1:41

Tgt Ion: 75 Resp: 61024
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

