

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066980.D
 Acq On : 5 May 2021 11:45
 Operator : JC/MD
 Sample : VN0505WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 04:46:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.589	168	452541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.517	114	761029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	655183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	232717	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	398635	55.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.92%
35) Dibromofluoromethane	7.512	113	287843	55.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	111.40%
50) Toluene-d8	10.030	98	1063803	54.05	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.10%
62) 4-Bromofluorobenzene	12.350	95	291109	43.69	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.38%

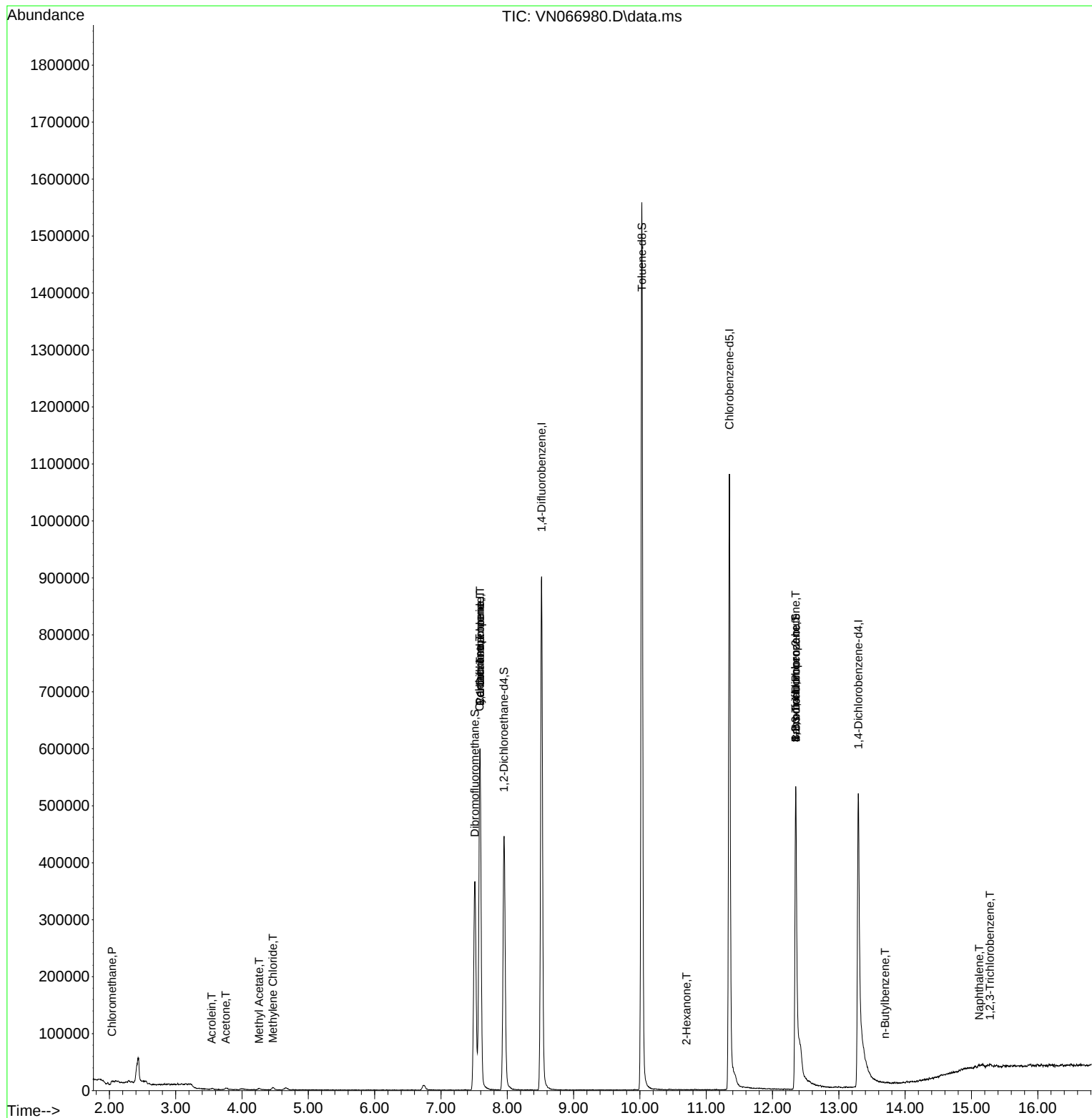
Target Compounds						Qvalue
3) Chloromethane	2.038	50	2216	0.25	ug/l #	75
13) Acrolein	3.542	56	867	1.04	ug/l #	64
16) Acetone	3.754	43	2320	0.93	ug/l	94
18) Methyl Acetate	4.258	43	4327	0.60	ug/l #	81
20) Methylene Chloride	4.465	84	2904	0.46	ug/l #	77
31) Cyclohexane	7.584	56	11032	1.10	ug/l #	9
36) 1,1-Dichloropropene	7.589	75	40574	5.12	ug/l #	49
38) Carbon Tetrachloride	7.589	117	49695	6.01	ug/l #	17
59) 2-Hexanone	10.703	43	55	28.37	ug/l #	23
71) Bromoform	12.350	173	2095	0.53	ug/l #	1
76) 1,2,3-Trichloropropane	12.350	75	128185	23.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	128185	70.00	ug/l #	12
89) n-Butylbenzene	13.699	91	339	5.26	ug/l	74
95) Naphthalene	15.118	128	3244	0.32	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.281	180	1553	0.41	ug/l	91

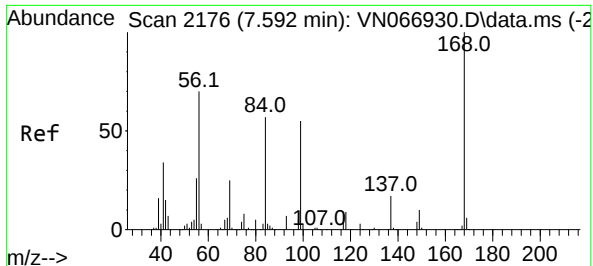
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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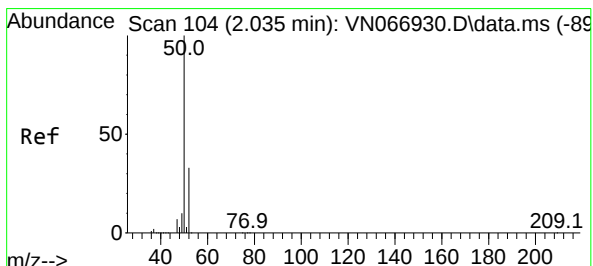
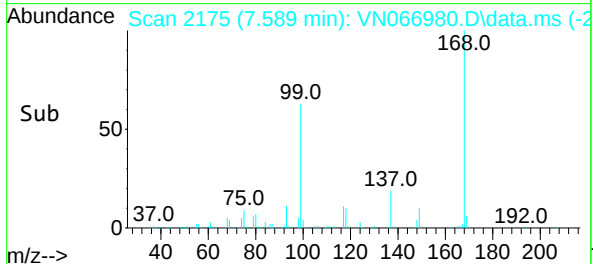
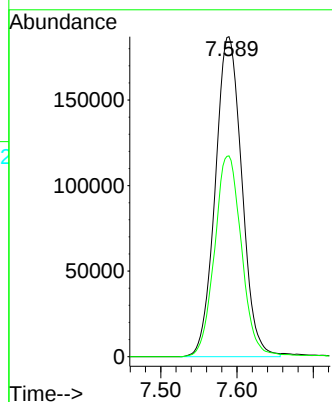
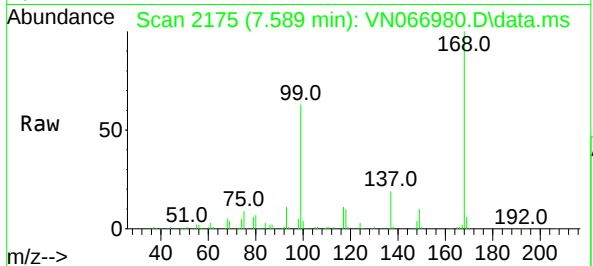




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

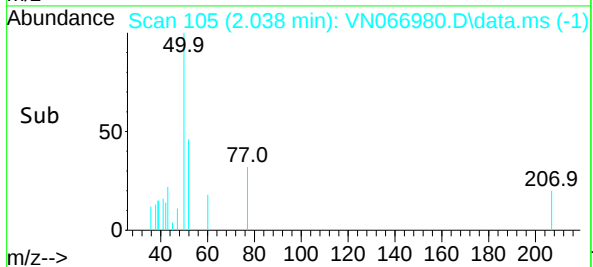
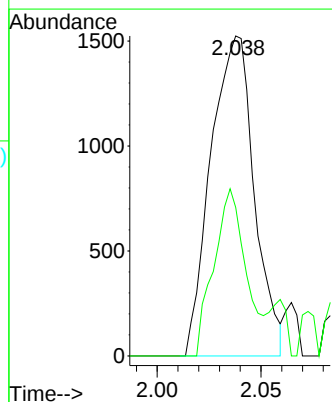
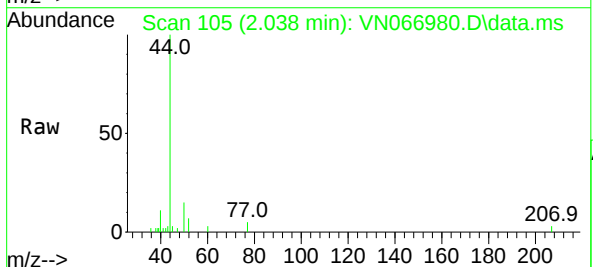
Instrument :
MSVOA_N
ClientSampled :

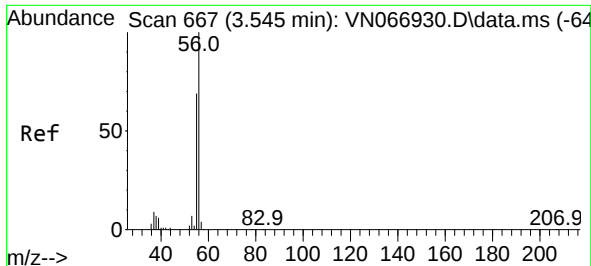
Tgt Ion:168 Resp: 452541
Ion Ratio Lower Upper
168 100
99 62.7 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.038 min Scan# 105
Delta R.T. 0.003 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

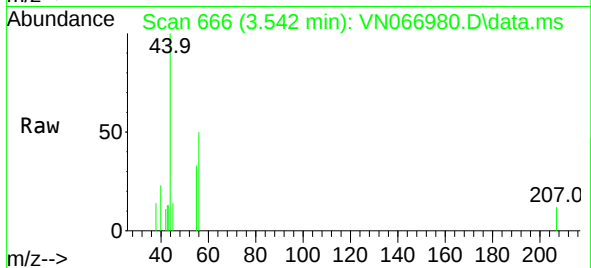
Tgt Ion: 50 Resp: 2216
Ion Ratio Lower Upper
50 100
52 46.4 25.8 38.8#



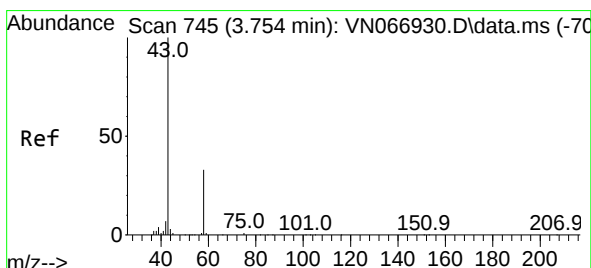
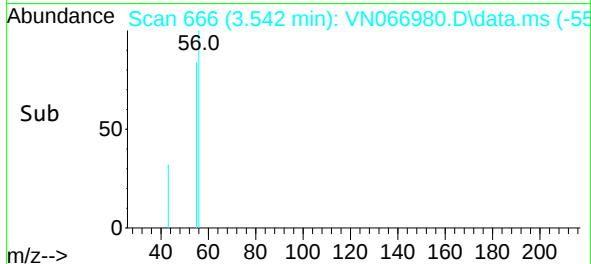
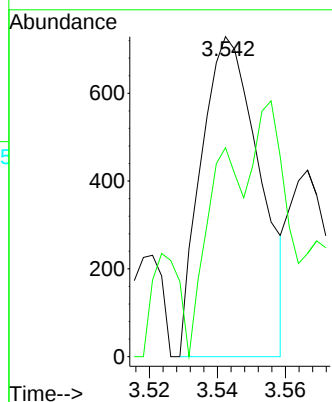


#13
Acrolein
Concen: 1.04 ug/l
RT: 3.542 min Scan# 666
Delta R.T. -0.003 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

Instrument :
MSVOA_N
ClientSampled :

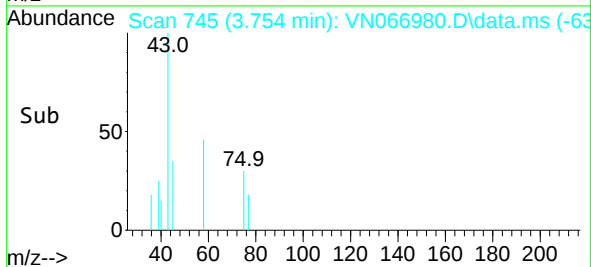
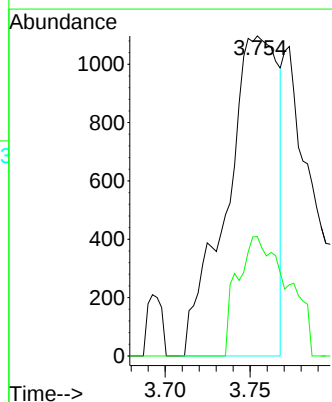
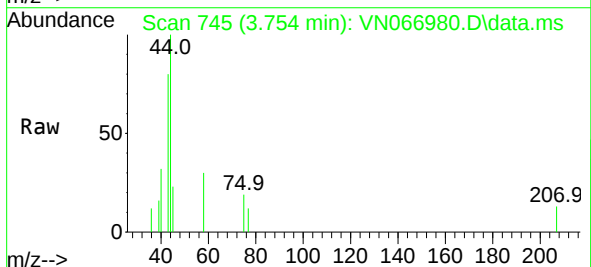


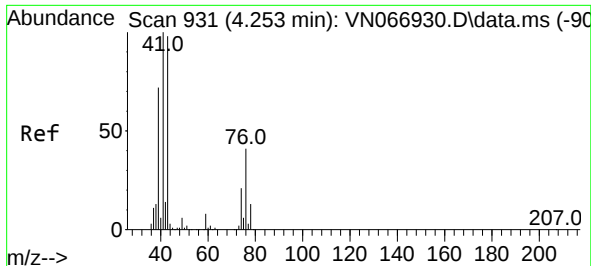
Tgt Ion: 56 Resp: 867
Ion Ratio Lower Upper
56 100
55 40.4 56.0 84.0#



#16
Acetone
Concen: 0.93 ug/l
RT: 3.754 min Scan# 745
Delta R.T. 0.000 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

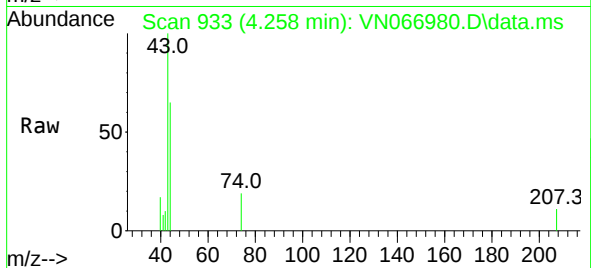
Tgt Ion: 43 Resp: 2320
Ion Ratio Lower Upper
43 100
58 37.3 27.0 40.6



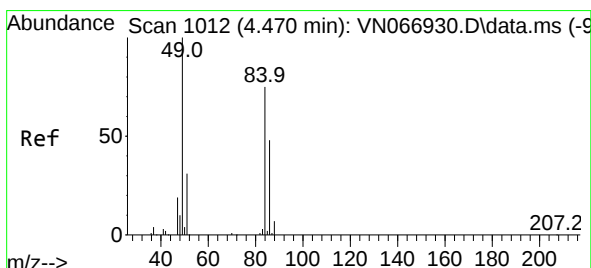
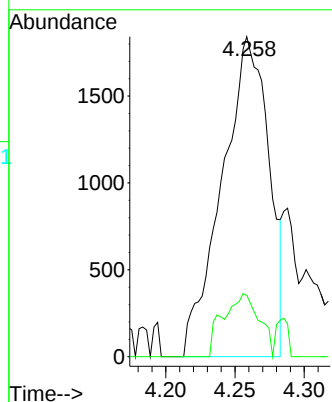
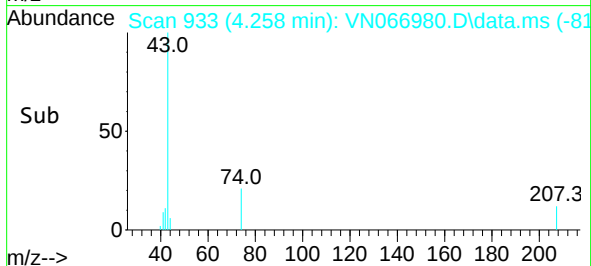


#18
Methyl Acetate
Concen: 0.60 ug/l
RT: 4.258 min Scan# 933
Delta R.T. 0.005 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

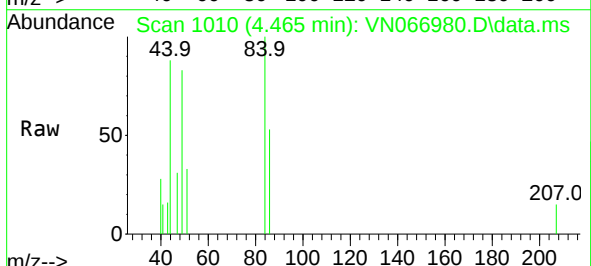
Instrument :
MSVOA_N
ClientSampleId :



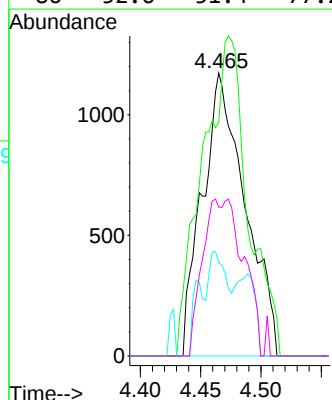
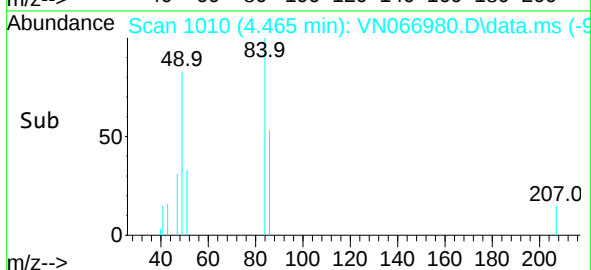
Tgt Ion: 43 Resp: 4327
Ion Ratio Lower Upper
43 100
74 15.2 19.5 29.3#

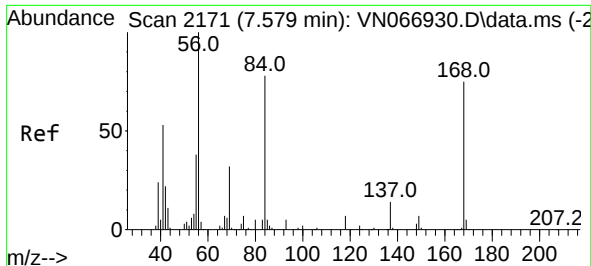


#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 4.465 min Scan# 1010
Delta R.T. -0.005 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45



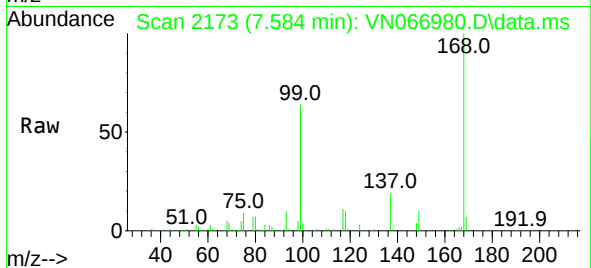
Tgt Ion: 84 Resp: 2904
Ion Ratio Lower Upper
84 100
49 82.8 94.6 141.8#
51 33.1 29.9 44.9
86 52.6 51.4 77.2



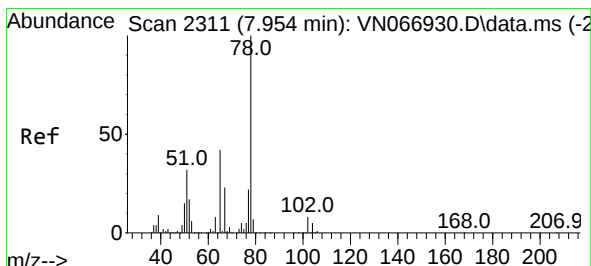
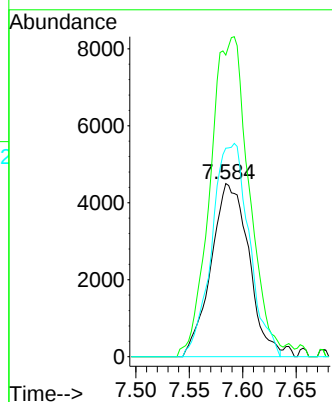
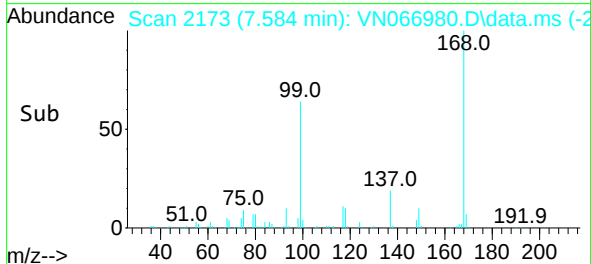


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. 0.005 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

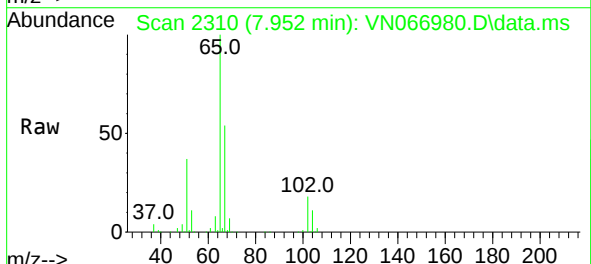
Instrument :
MSVOA_N
ClientSampleId :



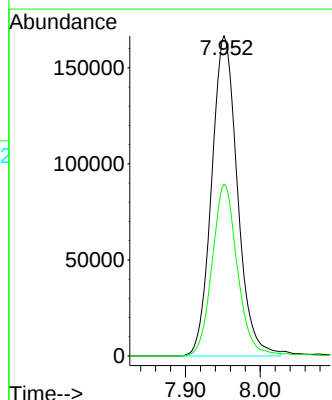
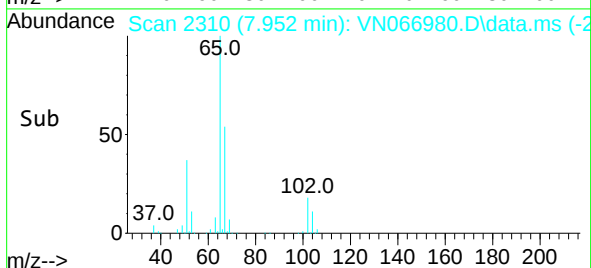
Tgt Ion: 56 Resp: 11032
Ion Ratio Lower Upper
56 100
69 169.9 26.6 39.8#
84 120.5 70.4 105.6#

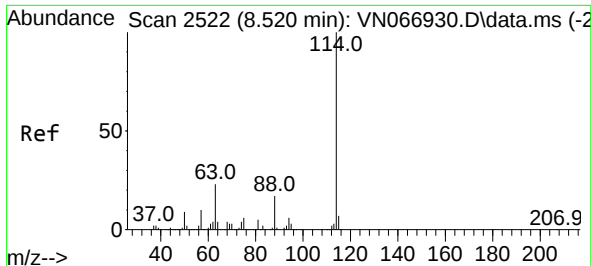


#33
1,2-Dichloroethane-d4
Concen: 55.96 ug/l
RT: 7.952 min Scan# 2310
Delta R.T. -0.002 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45



Tgt Ion: 65 Resp: 398635
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.517 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VN066980.D

Acq: 5 May 2021 11:45

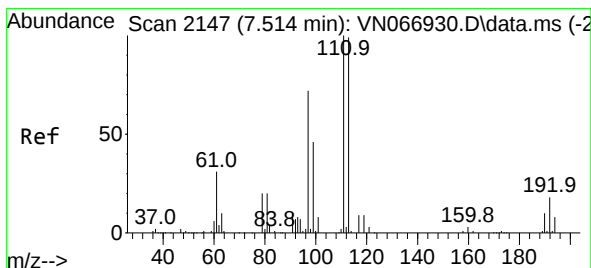
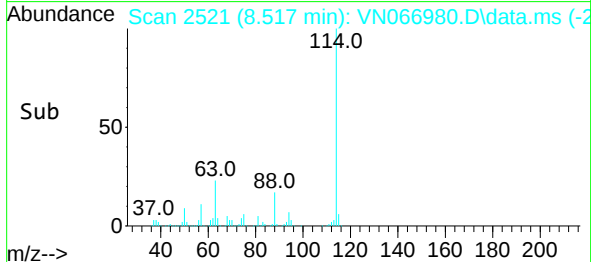
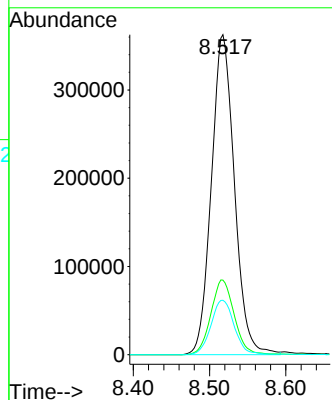
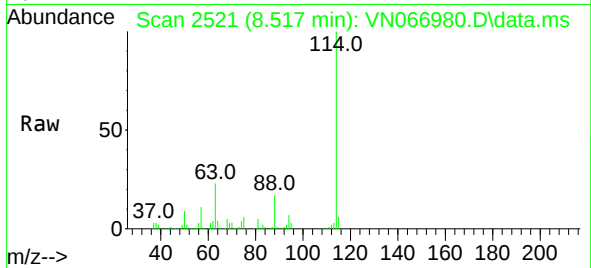
Tgt Ion:114 Resp: 761029

Ion Ratio Lower Upper

114 100

63 23.3 0.0 38.6

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.70 ug/l

RT: 7.512 min Scan# 2146

Delta R.T. -0.002 min

Lab File: VN066980.D

Acq: 5 May 2021 11:45

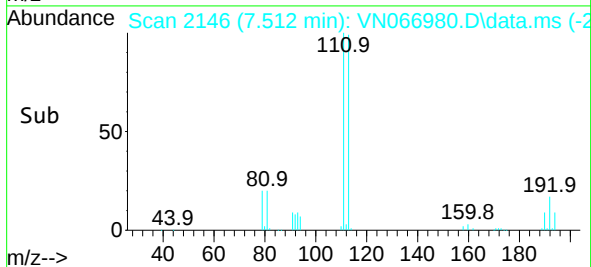
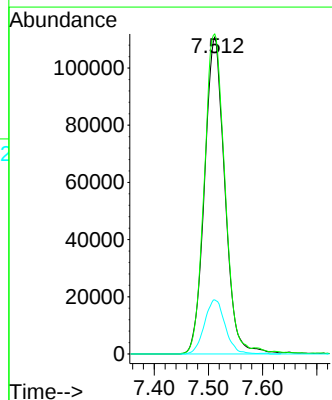
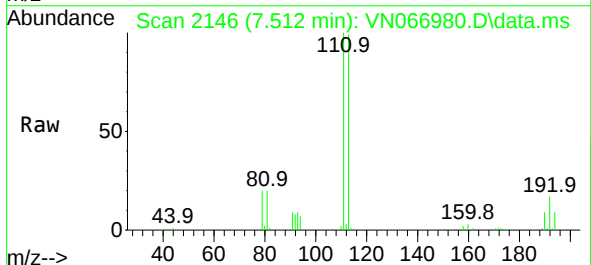
Tgt Ion:113 Resp: 287843

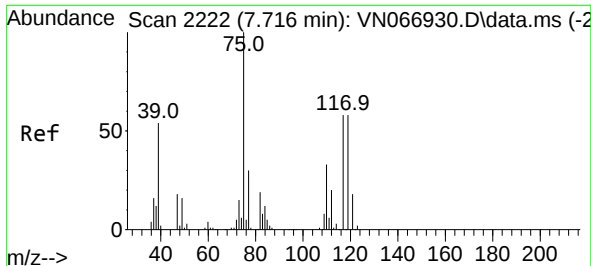
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 17.5 15.4 23.0

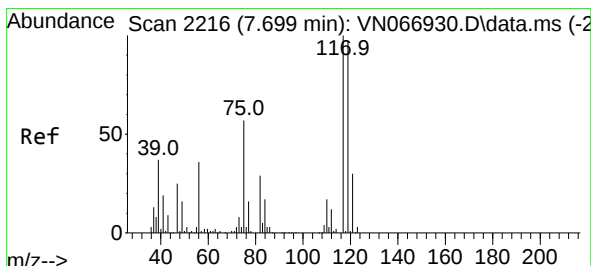
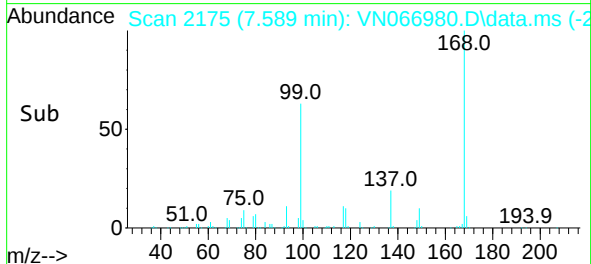
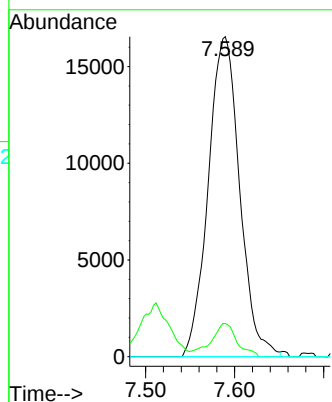
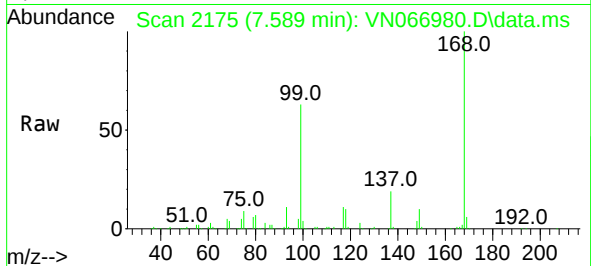




#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.127 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

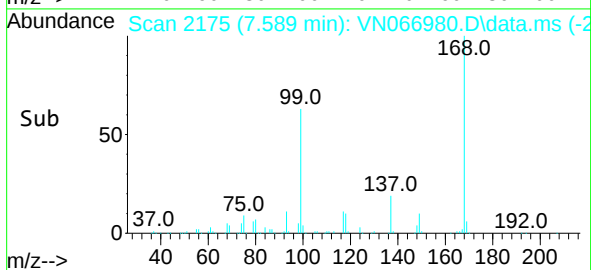
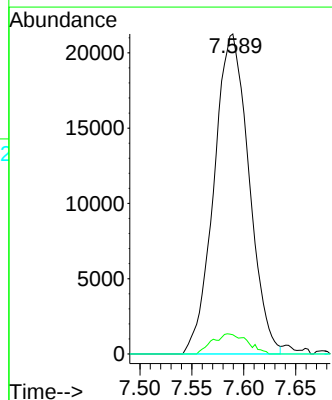
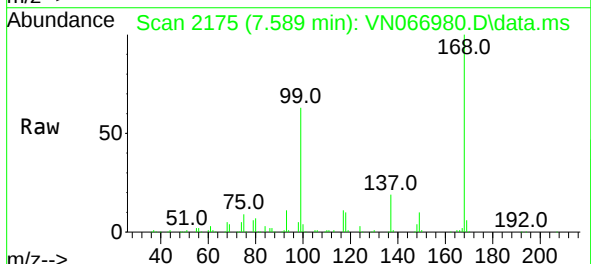
Instrument :
MSVOA_N
ClientSampled :

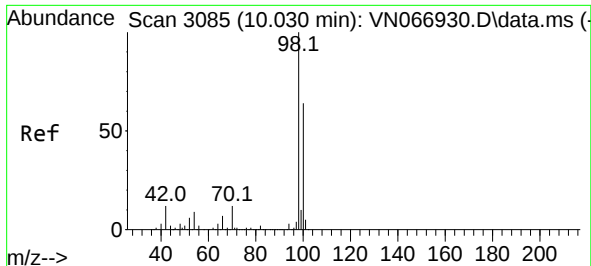
Tgt Ion: 75 Resp: 40574
Ion Ratio Lower Upper
75 100
110 8.6 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

Tgt Ion:117 Resp: 49695
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.5 36.7#

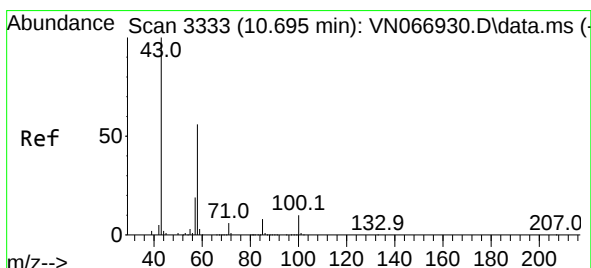
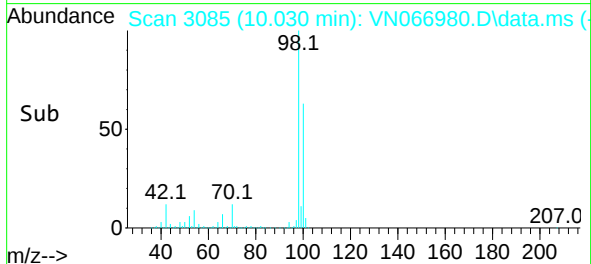
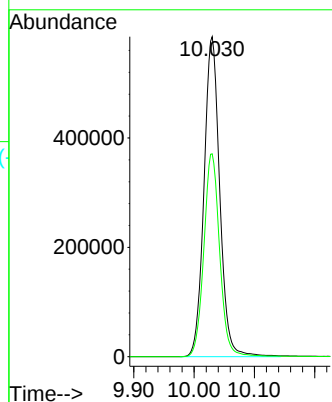
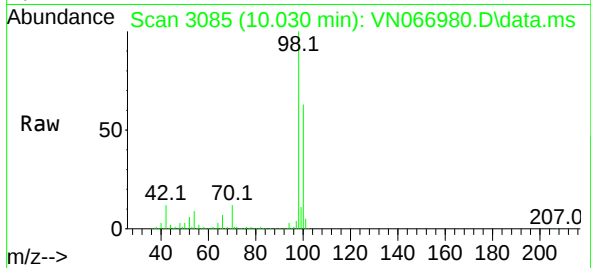




#50
Toluene-d8
Concen: 54.05 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

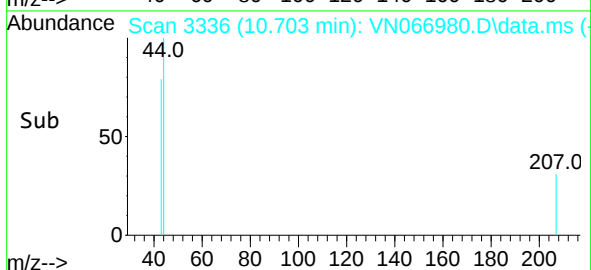
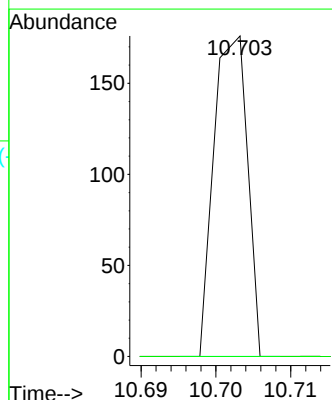
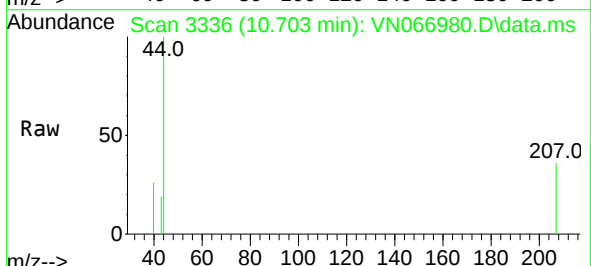
Instrument :
MSVOA_N
ClientSampled :

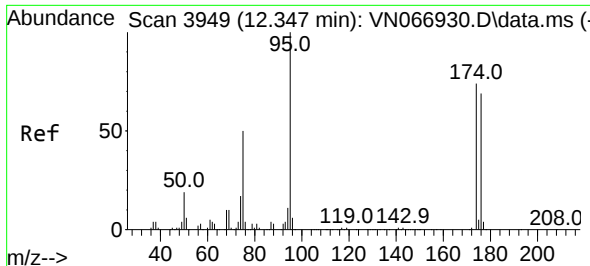
Tgt Ion: 98 Resp: 1063803
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#59
2-Hexanone
Concen: 28.37 ug/l
RT: 10.703 min Scan# 3336
Delta R.T. 0.008 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

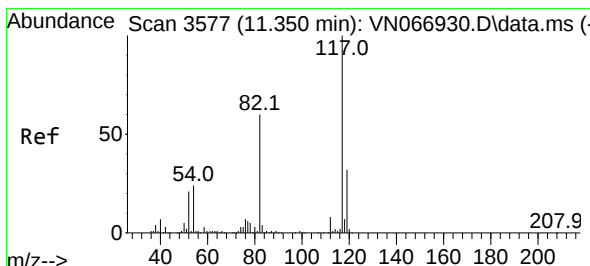
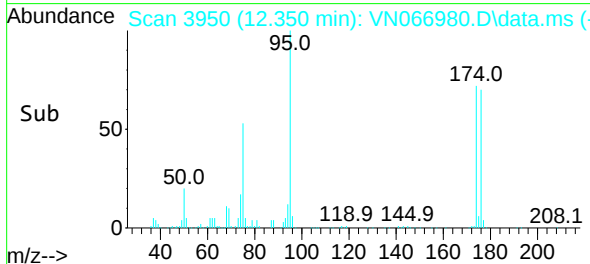
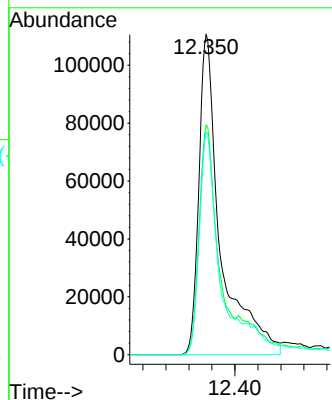
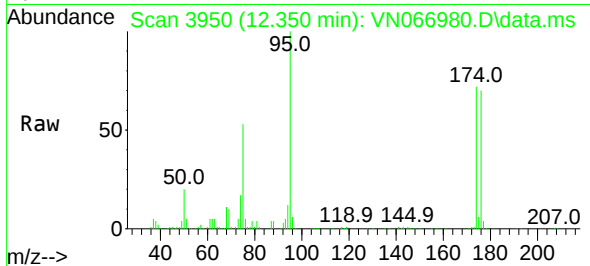




#62
4-Bromofluorobenzene
Concen: 43.69 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

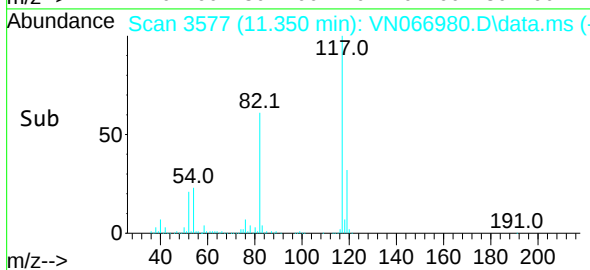
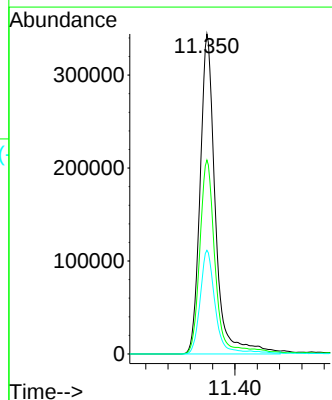
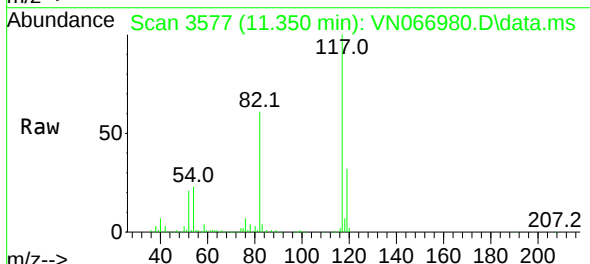
Instrument :
MSVOA_N
ClientSampleId :

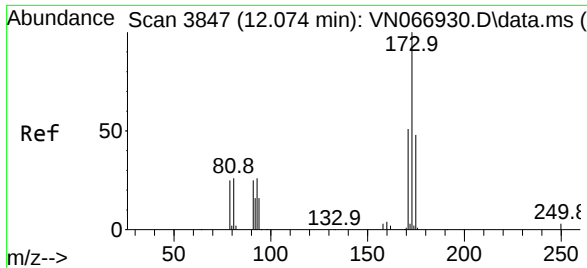
Tgt Ion: 95 Resp: 291109
Ion Ratio Lower Upper
95 100
174 59.7 0.0 169.0
176 55.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

Tgt Ion: 117 Resp: 655183
Ion Ratio Lower Upper
117 100
82 60.6 43.7 65.5
119 32.4 26.1 39.1

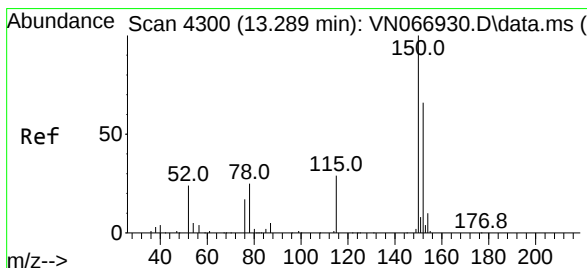
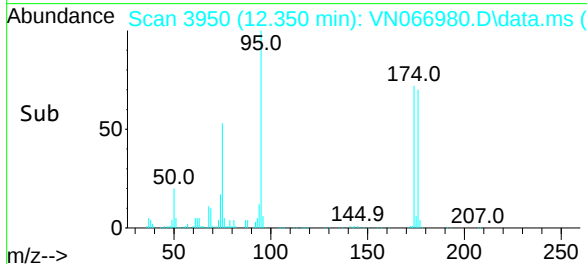
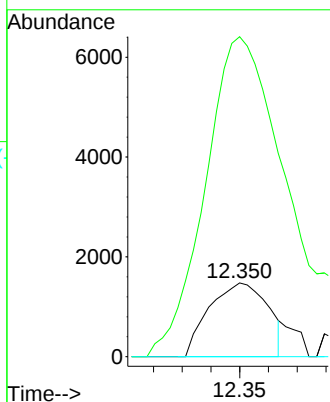
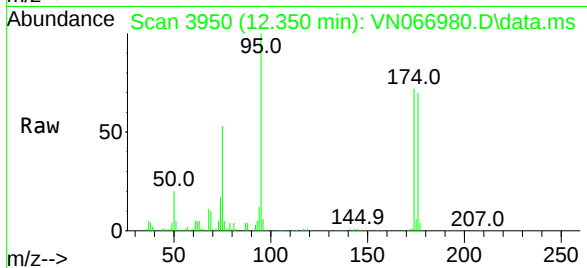




#71
Bromoform
Concen: 0.53 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.276 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

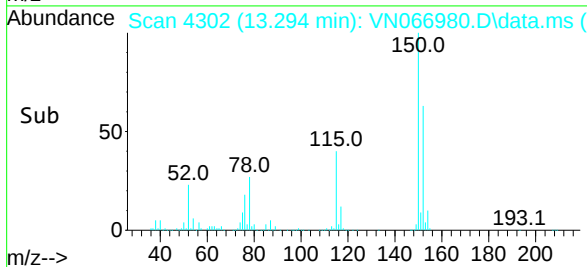
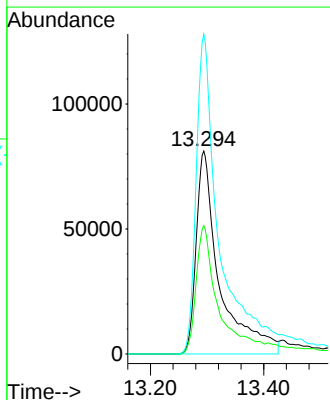
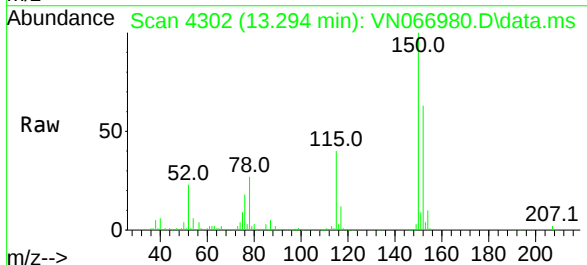
Instrument :
MSVOA_N
ClientSampleId :

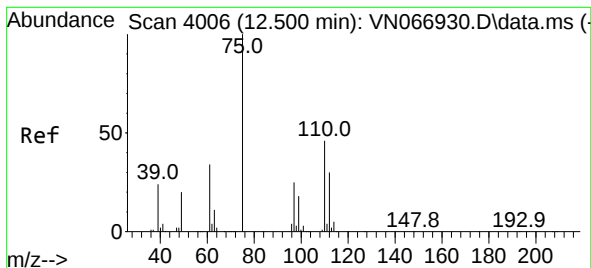
Tgt Ion:173 Resp: 2095
Ion Ratio Lower Upper
173 100
175 477.8 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

Tgt Ion:152 Resp: 232717
Ion Ratio Lower Upper
152 100
115 58.5 28.5 85.6
150 150.1 0.0 347.6

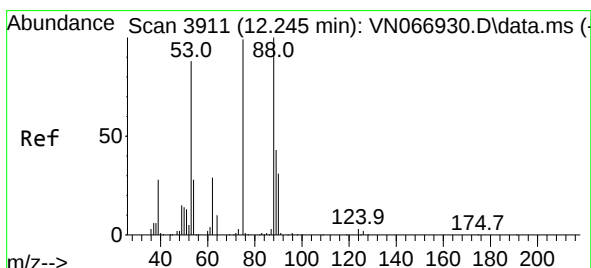
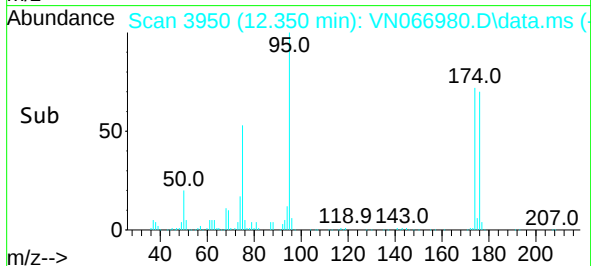
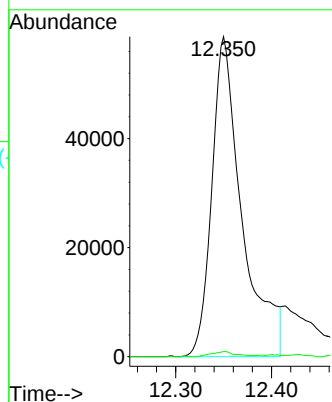
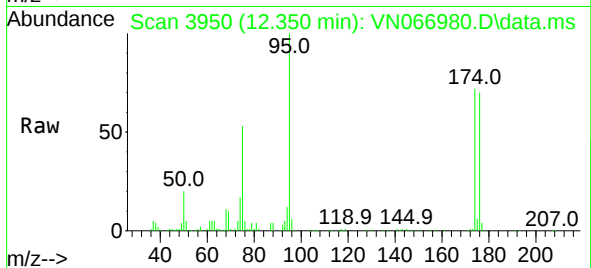




#76
1,2,3-Trichloropropane
Concen: 23.12 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

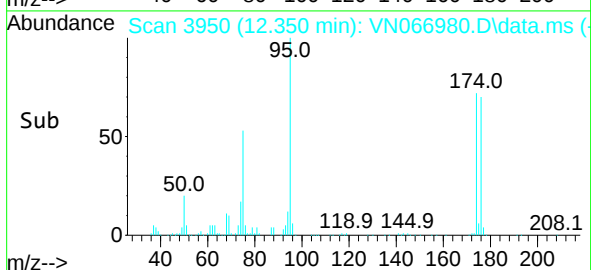
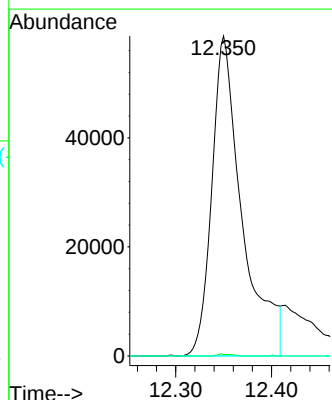
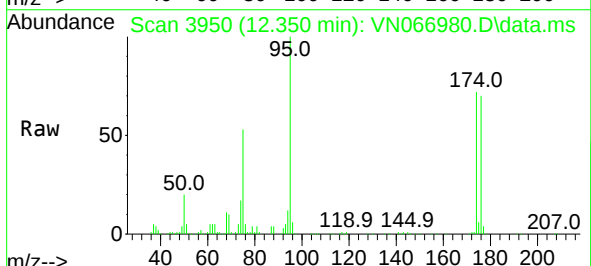
Instrument :
MSVOA_N
ClientSampled :

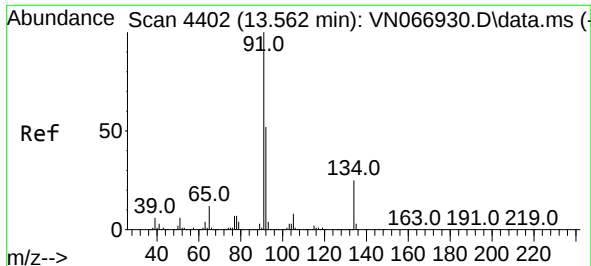
Tgt Ion: 75 Resp: 128185
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.00 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066980.D
Acq: 5 May 2021 11:45

Tgt Ion: 75 Resp: 128185
Ion Ratio Lower Upper
75 100
53 0.3 74.6 111.8#
89 0.0 35.8 53.8#





#89

n-Butylbenzene

Concen: 5.26 ug/l

RT: 13.699 min Scan# 4453

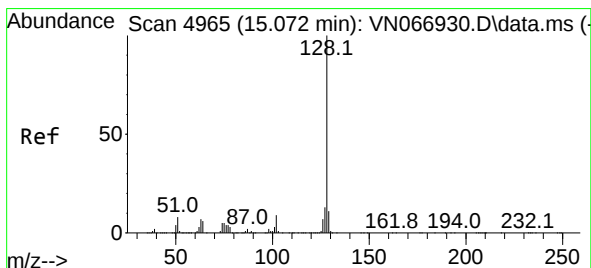
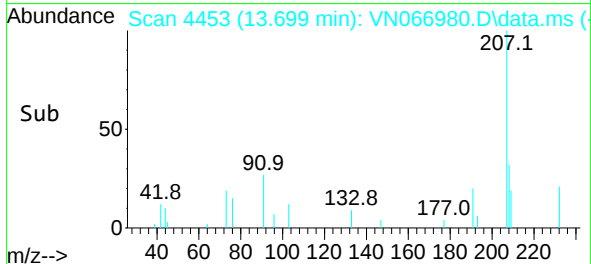
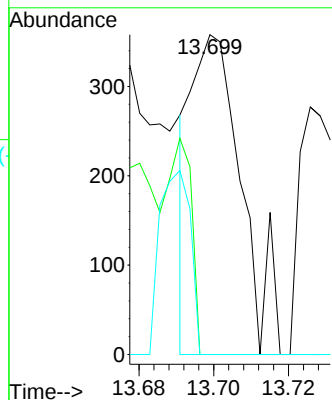
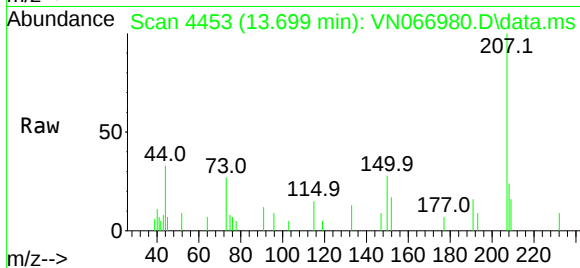
Delta R.T. 0.137 min

Lab File: VN066980.D

Acq: 5 May 2021 11:45

Tgt Ion: 91 Resp: 339

Ion	Ratio	Lower	Upper
91	100		
92	30.7	26.1	78.3
134	34.8	13.0	38.9



#95

Naphthalene

Concen: 0.32 ug/l

RT: 15.118 min Scan# 4982

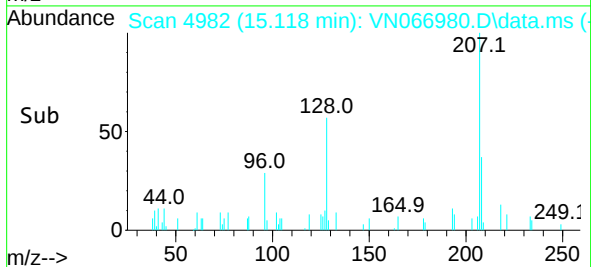
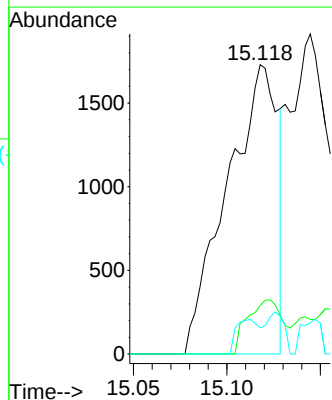
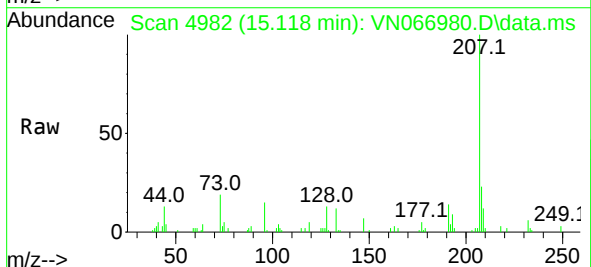
Delta R.T. 0.046 min

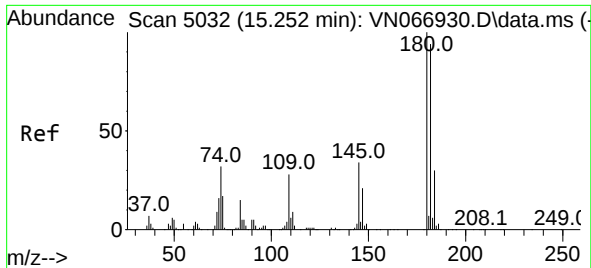
Lab File: VN066980.D

Acq: 5 May 2021 11:45

Tgt Ion: 128 Resp: 3244

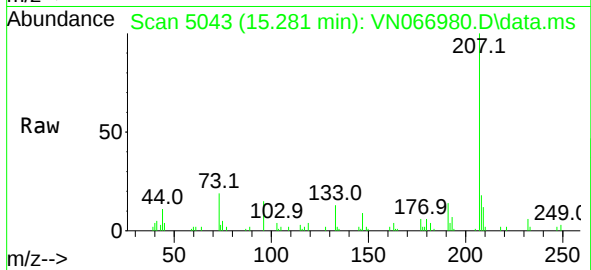
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	5.1	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.41 ug/l
 RT: 15.281 min Scan# 5043
 Delta R.T. 0.029 min
 Lab File: VN066980.D
 Acq: 5 May 2021 11:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1553
Ion	Ratio	Lower	Upper
180	100		
182	85.4	47.4	142.3
145	28.6	16.5	49.5

