

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043021\
 Data File : VN066910.D
 Acq On : 30 Apr 2021 15:18
 Operator : JC/MD
 Sample : M2137-24
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: May 01 01:46:36 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)

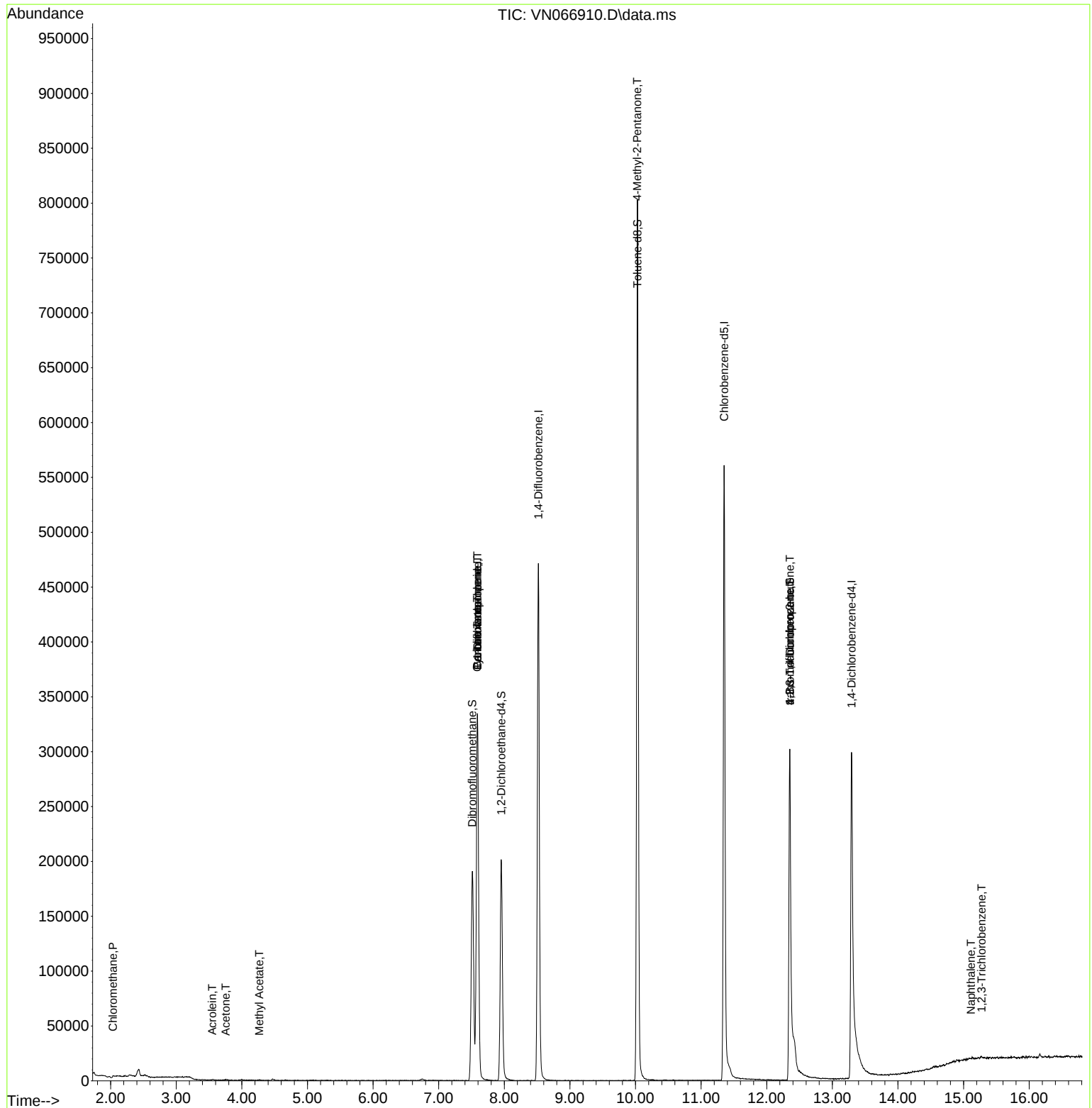
Internal Standards						
1) Pentafluorobenzene	7.591	168	310521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	463401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	392505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	136851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	173758	43.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.10%		
35) Dibromofluoromethane	7.513	113	156187	54.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	109.20%		
50) Toluene-d8	10.029	98	586040	52.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.38%		
62) 4-Bromofluorobenzene	12.352	95	162742	42.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.68%		
Target Compounds						Qvalue
3) Chloromethane	2.037	50	913	0.21	ug/l	95
13) Acrolein	3.549	56	436	0.85	ug/l #	70
16) Acetone	3.756	43	564	0.37	ug/l #	86
18) Methyl Acetate	4.265	43	510	1.24	ug/l #	51
31) Cyclohexane	7.588	56	4778	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19006	4.41	ug/l #	45
38) Carbon Tetrachloride	7.591	117	25962	6.29	ug/l #	17
51) 4-Methyl-2-Pentanone	10.026	43	2068	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	12.352	75	71964	24.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.352	75	71964	66.90	ug/l #	12
95) Naphthalene	15.114	128	1459	0.24	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.272	180	620	0.27	ug/l #	62

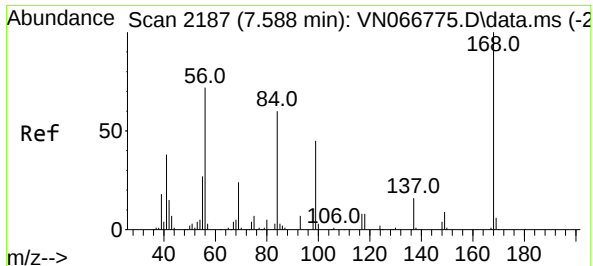
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 01 01:46:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
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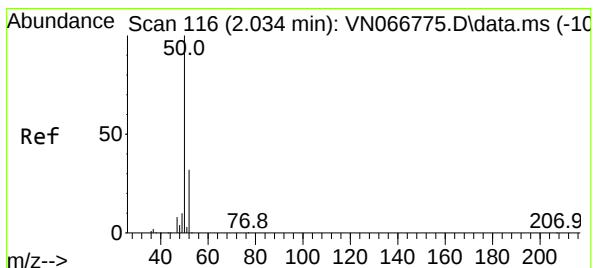
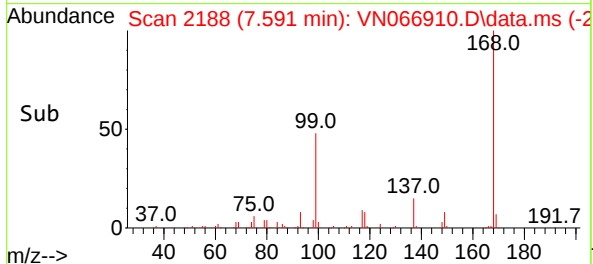
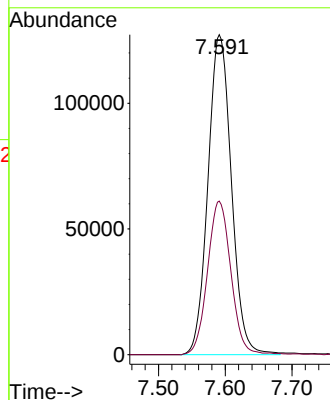
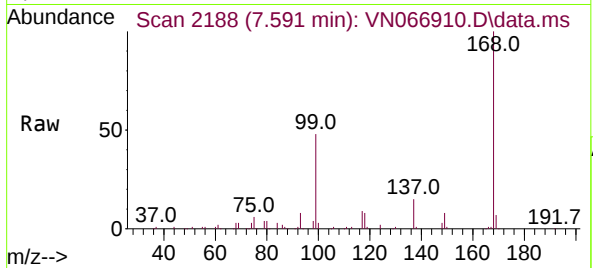




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

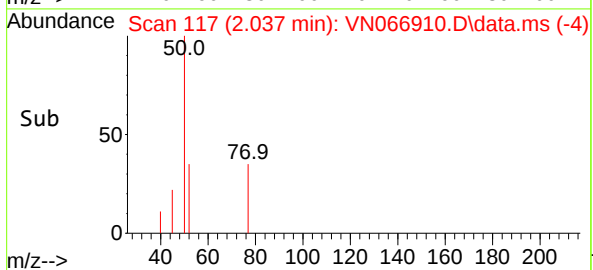
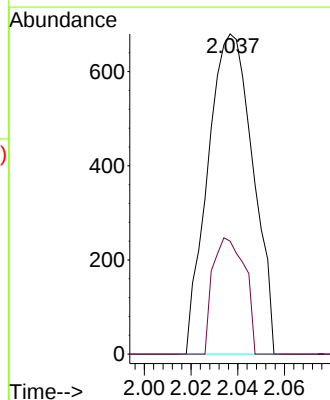
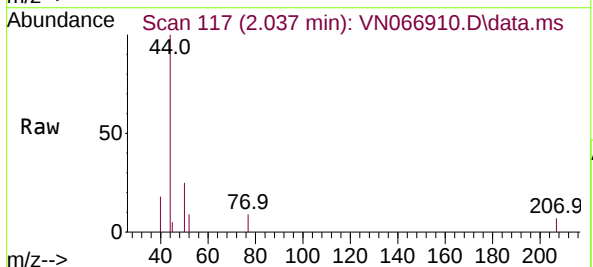
Instrument :
MSVOA_N
ClientSampled :
TB

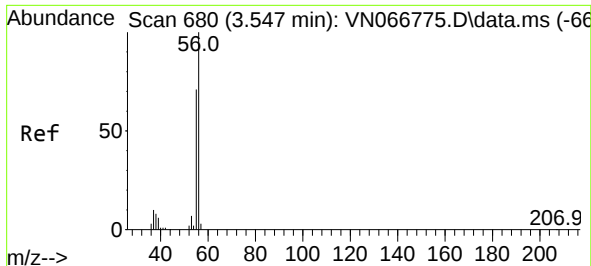
Tgt Ion:168 Resp: 310521
Ion Ratio Lower Upper
168 100
99 48.0 42.6 63.8



#3
Chloromethane
Concen: 0.21 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

Tgt Ion: 50 Resp: 913
Ion Ratio Lower Upper
50 100
52 35.3 25.8 38.8

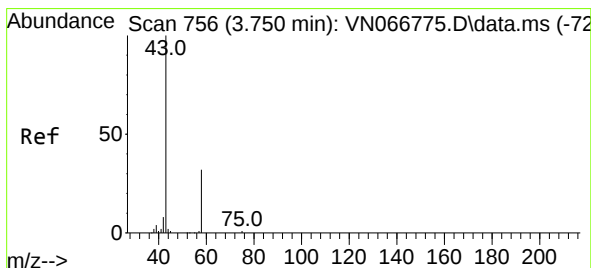
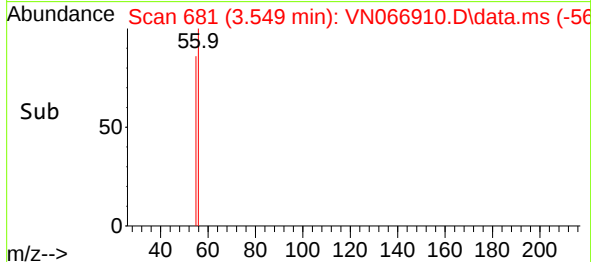
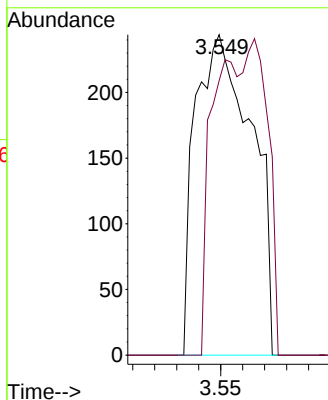
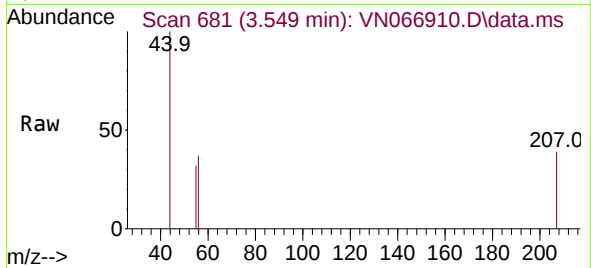




#13
Acrolein
Concen: 0.85 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

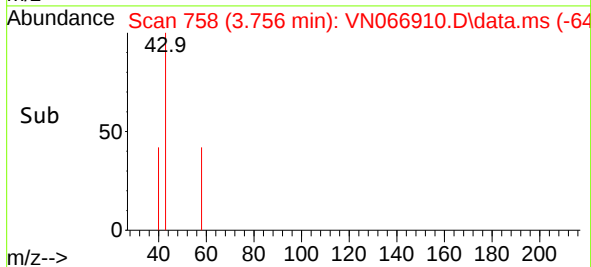
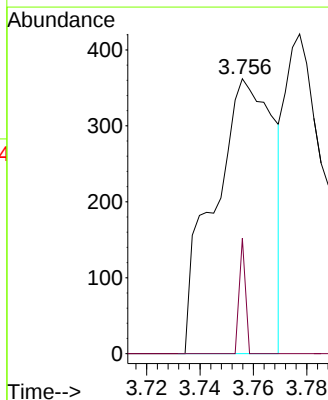
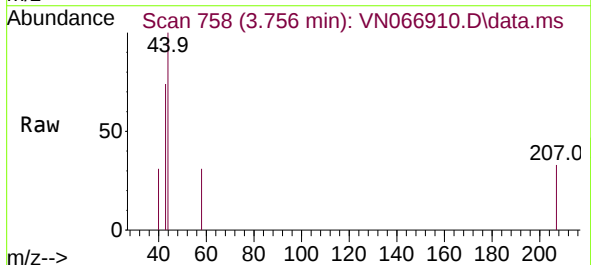
Instrument :
MSVOA_N
ClientSampled :
TB

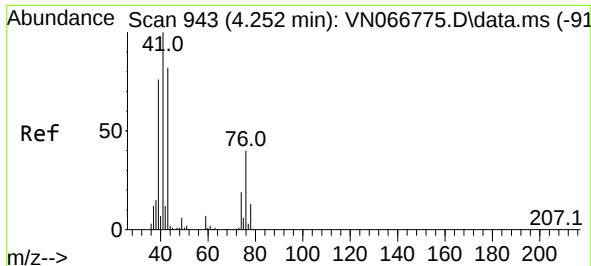
Tgt Ion: 56 Resp: 436
Ion Ratio Lower Upper
56 100
55 45.6 56.0 84.0#



#16
Acetone
Concen: 0.37 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.006 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
58 42.0 27.0 40.6#





#18

Methyl Acetate

Concen: 1.24 ug/l

RT: 4.265 min Scan# 948

Delta R.T. 0.013 min

Lab File: VN066910.D

Acq: 30 Apr 2021 15:18

Instrument :

MSVOA_N

ClientSampleId :

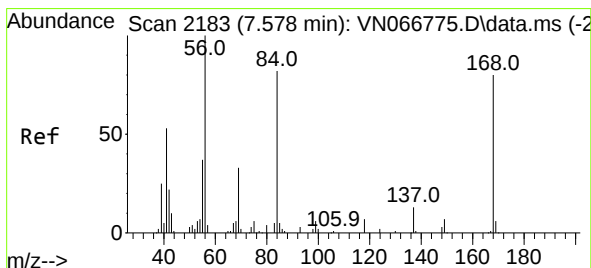
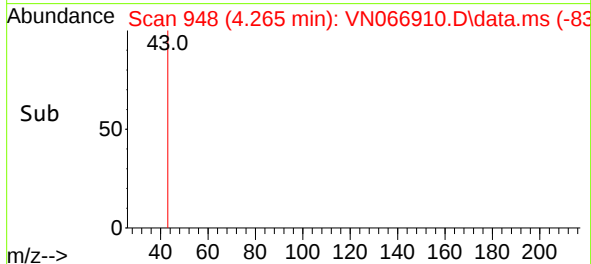
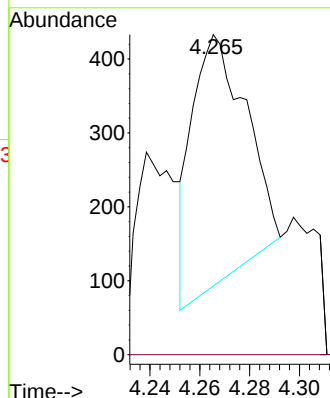
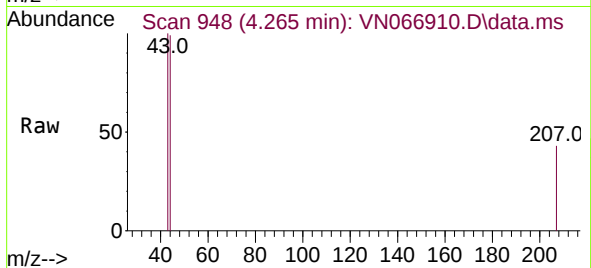
TB

Tgt Ion: 43 Resp: 510

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#31

Cyclohexane

Concen: 0.77 ug/l

RT: 7.588 min Scan# 2187

Delta R.T. 0.010 min

Lab File: VN066910.D

Acq: 30 Apr 2021 15:18

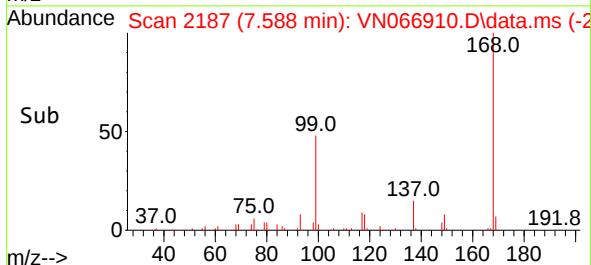
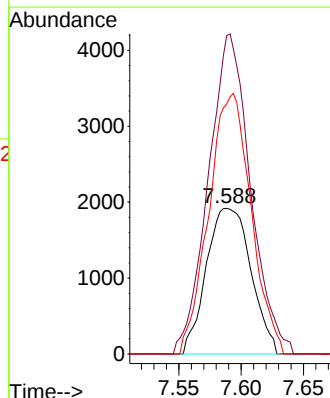
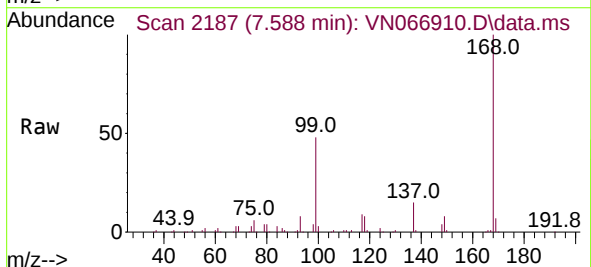
Tgt Ion: 56 Resp: 4778

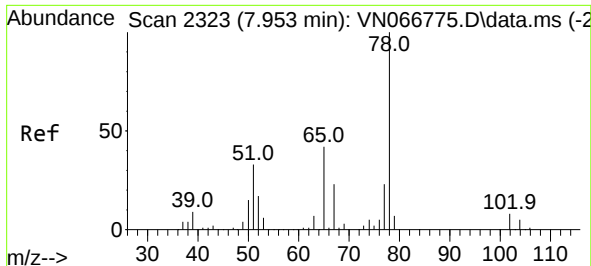
Ion Ratio Lower Upper

56 100

69 207.7 26.6 39.8#

84 171.8 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 43.55 ug/l

RT: 7.953 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN066910.D

Acq: 30 Apr 2021 15:18

Tgt Ion: 65 Resp: 173758

Ion Ratio Lower Upper

65 100

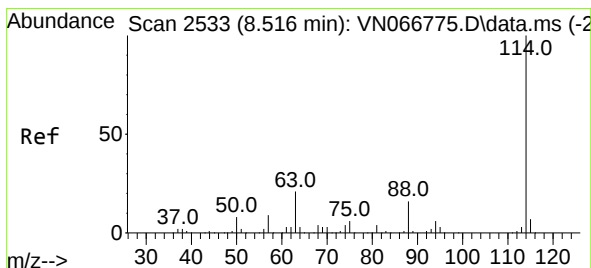
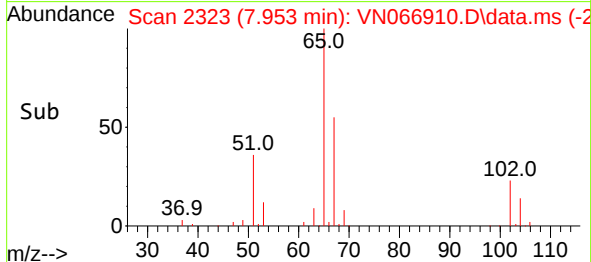
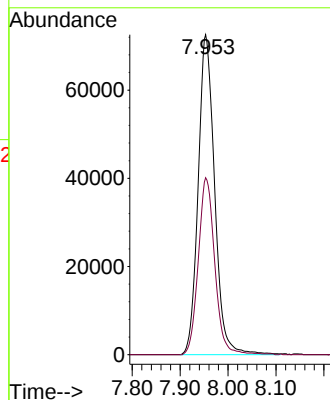
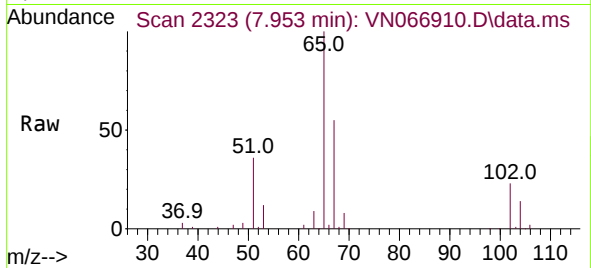
67 55.2 0.0 107.2

Instrument :

MSVOA_N

ClientSampled :

TB



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.519 min Scan# 2534

Delta R.T. 0.003 min

Lab File: VN066910.D

Acq: 30 Apr 2021 15:18

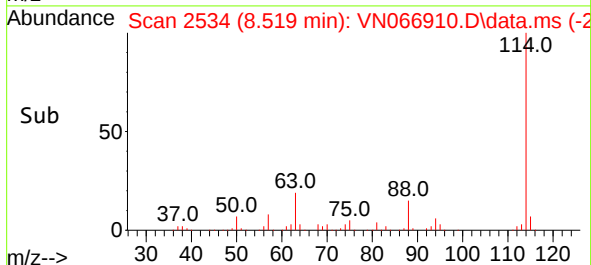
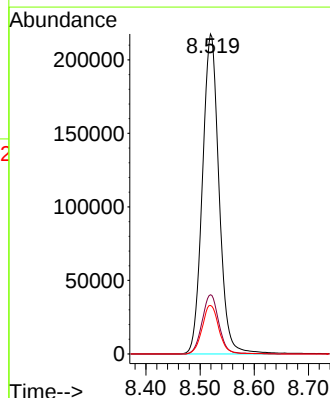
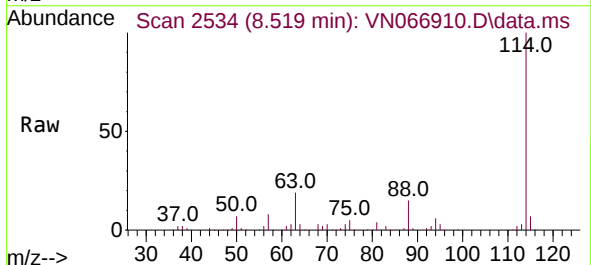
Tgt Ion: 114 Resp: 463401

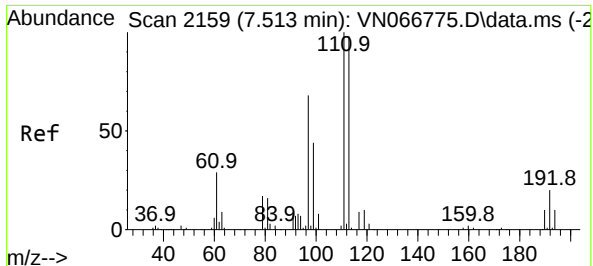
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.6

88 15.2 0.0 30.6

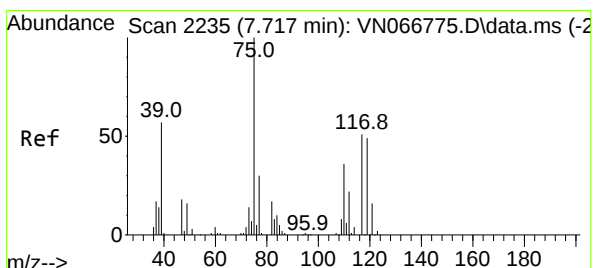
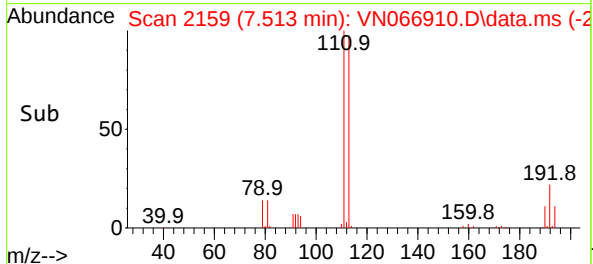
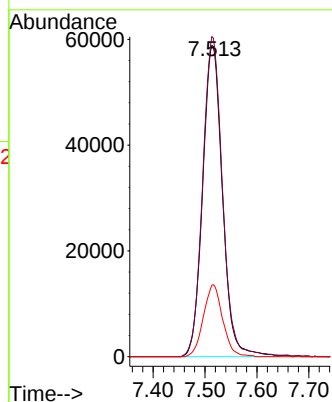
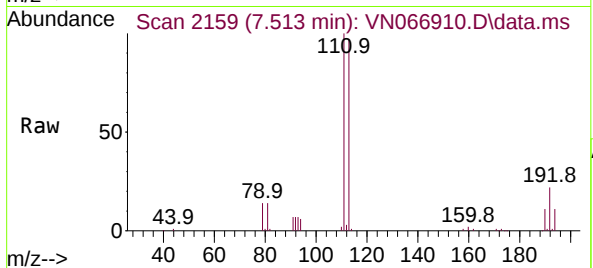




#35
Dibromofluoromethane
Concen: 54.60 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

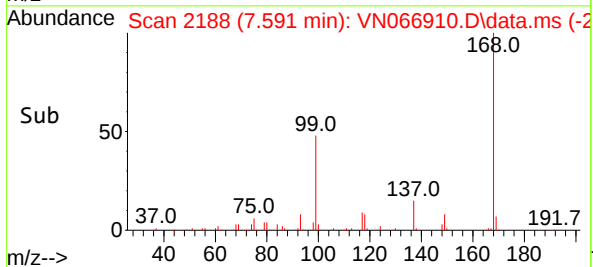
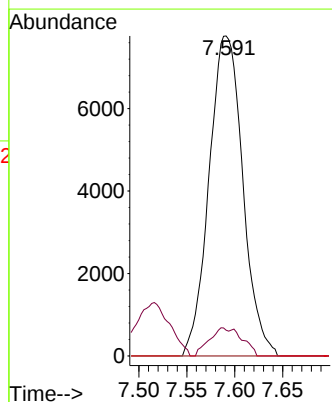
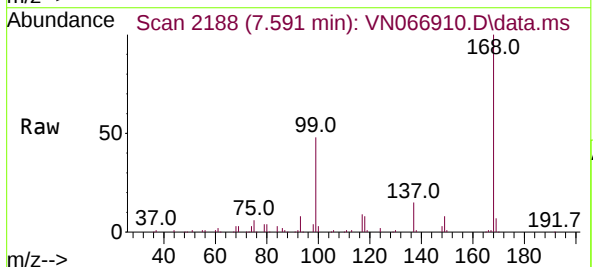
Instrument :
MSVOA_N
ClientSampleId :
TB

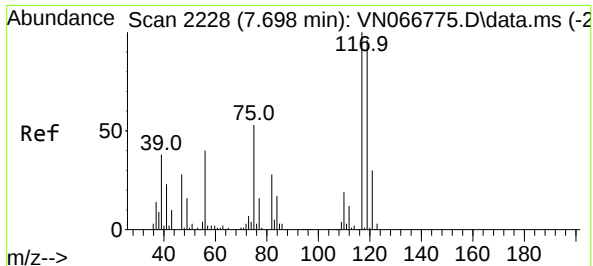
Tgt Ion:113 Resp: 156187
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 22.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

Tgt Ion: 75 Resp: 19006
Ion Ratio Lower Upper
75 100
110 5.0 18.2 54.6#
77 0.0 24.9 37.3#

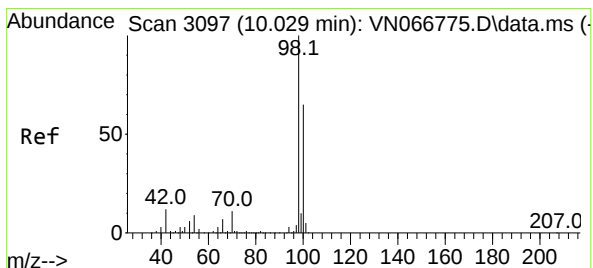
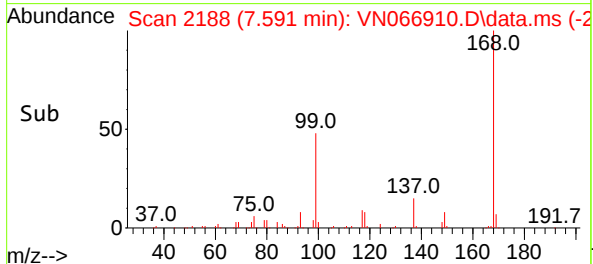
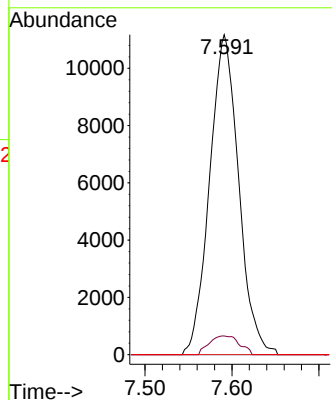
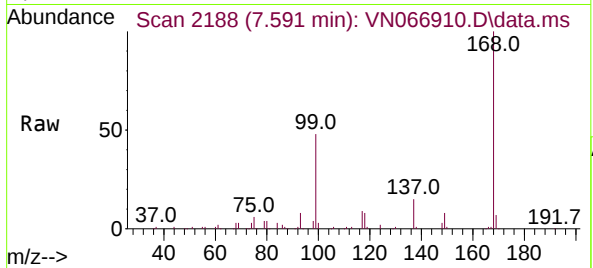




#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

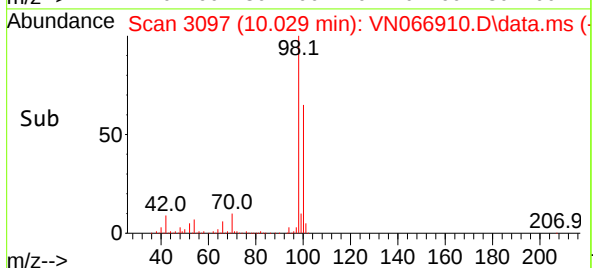
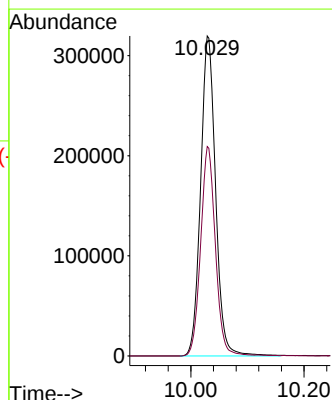
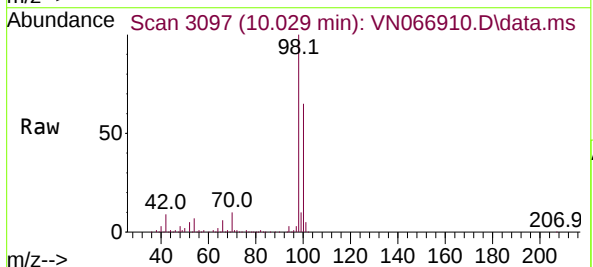
Instrument :
MSVOA_N
ClientSampled :
TB

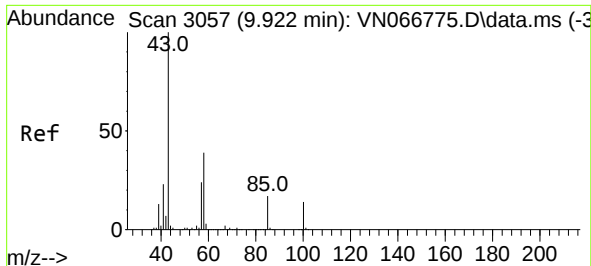
Tgt Ion:117 Resp: 25962
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.19 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

Tgt Ion: 98 Resp: 586040
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

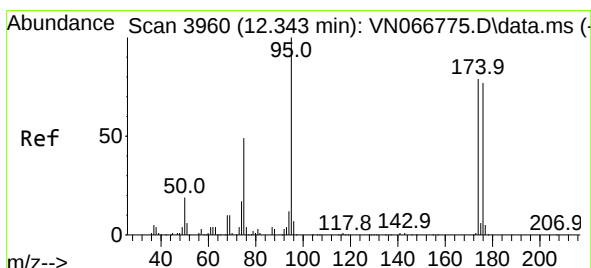
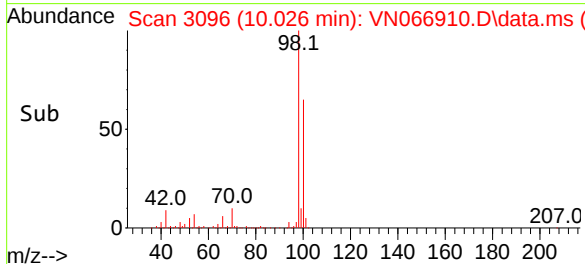
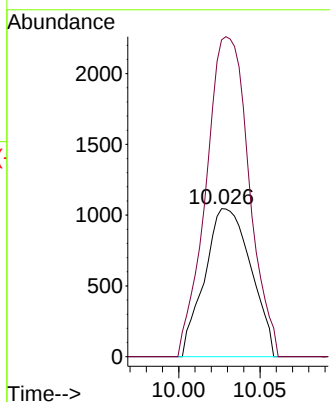
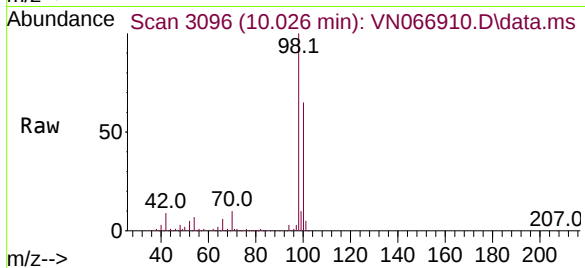




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. 0.104 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

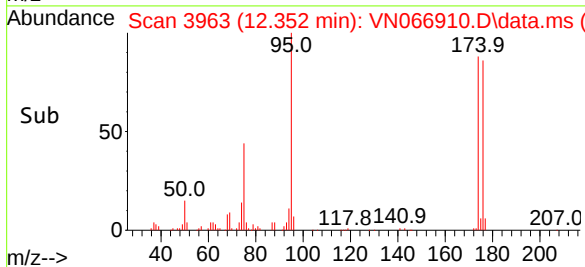
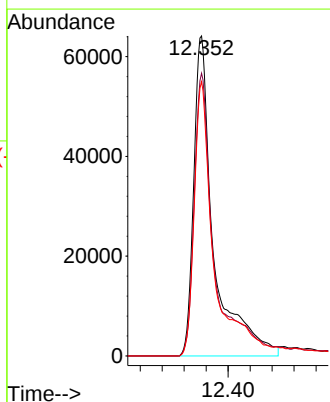
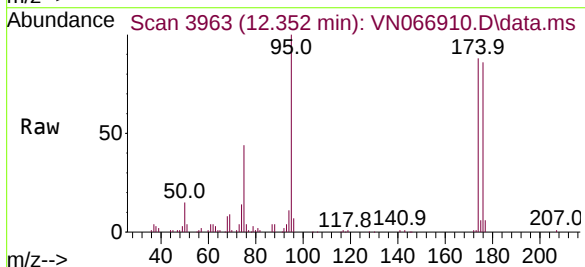
Instrument :
MSVOA_N
ClientSampled :
TB

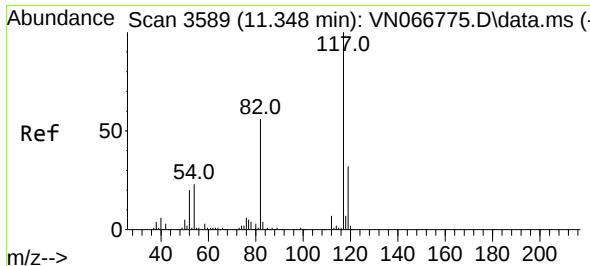
Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
58 201.1 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 42.84 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.009 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

Tgt Ion: 95 Resp: 162742
Ion Ratio Lower Upper
95 100
174 89.7 0.0 169.0
176 84.3 0.0 162.4

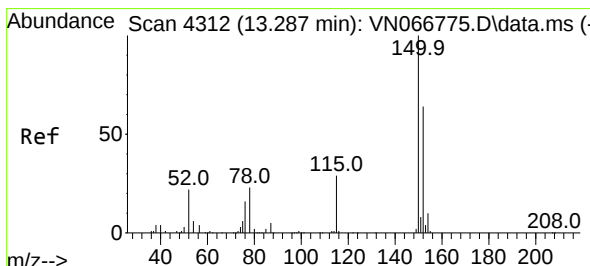
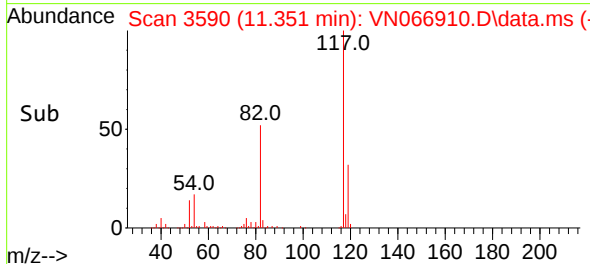
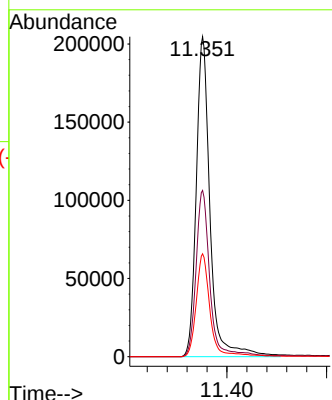
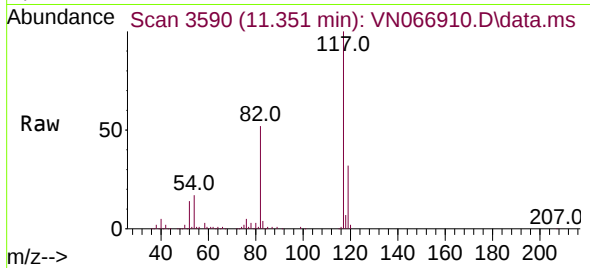




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

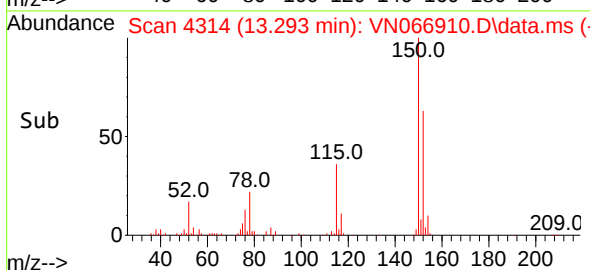
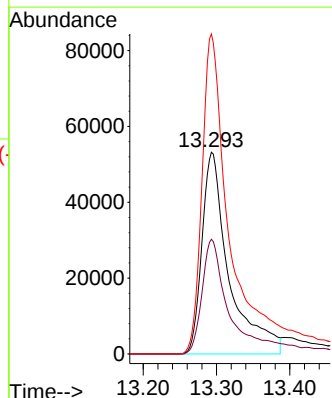
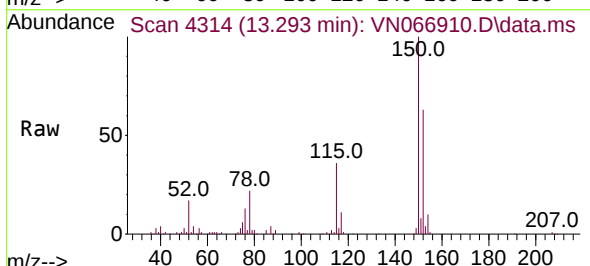
Instrument :
MSVOA_N
ClientSampleId :
TB

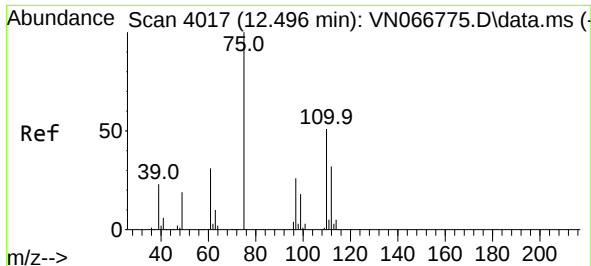
Tgt Ion:117 Resp: 392505
Ion Ratio Lower Upper
117 100
82 51.9 43.7 65.5
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

Tgt Ion:152 Resp: 136851
Ion Ratio Lower Upper
152 100
115 59.0 28.5 85.6
150 174.5 0.0 347.6

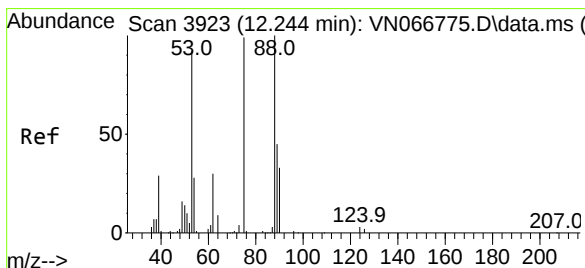
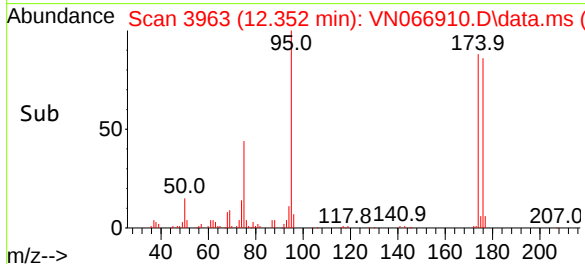
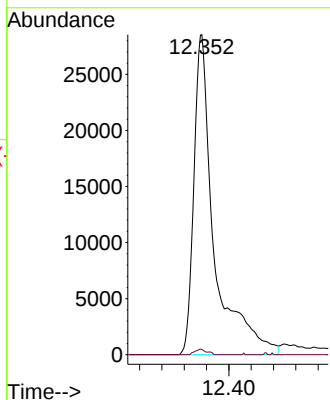
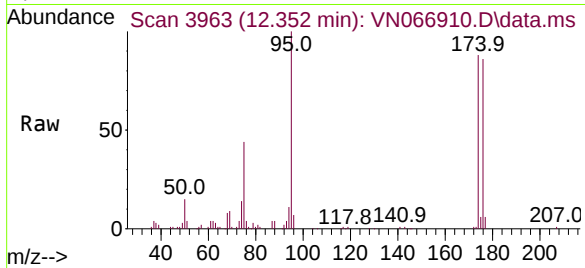




#76
1,2,3-Trichloropropane
Concen: 24.95 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. -0.144 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

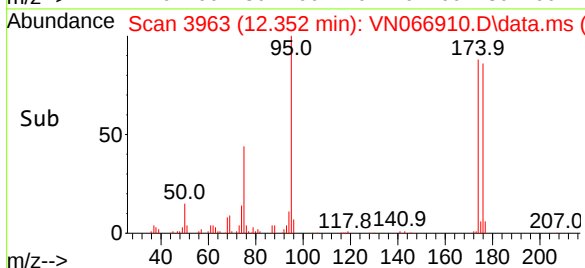
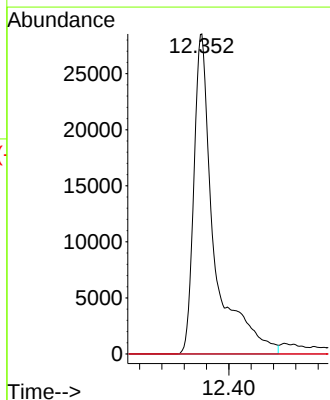
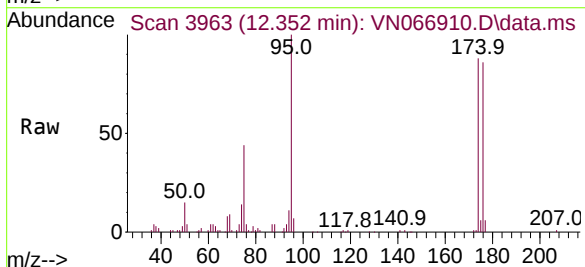
Instrument :
MSVOA_N
ClientSampled :
TB

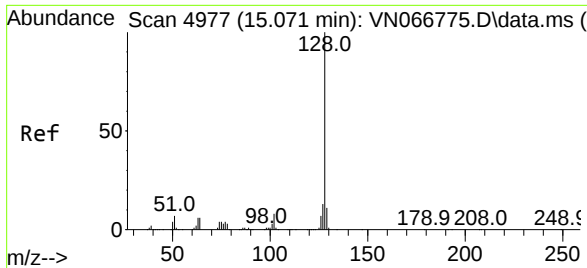
Tgt Ion: 75 Resp: 71964
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.90 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.108 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

Tgt Ion: 75 Resp: 71964
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

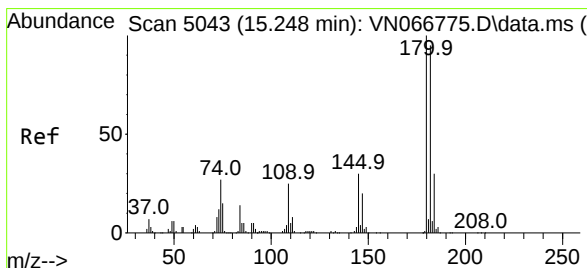
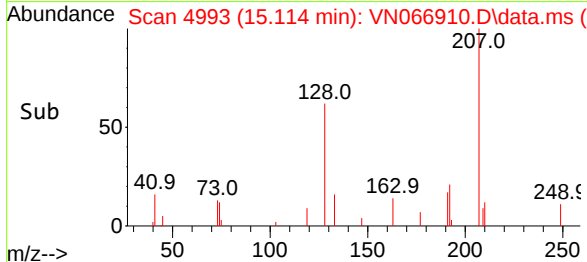
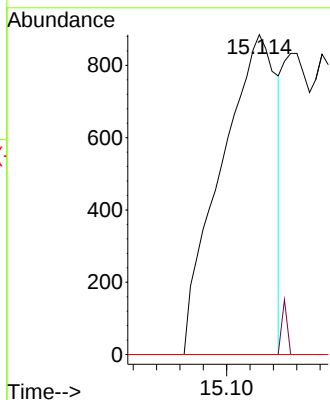
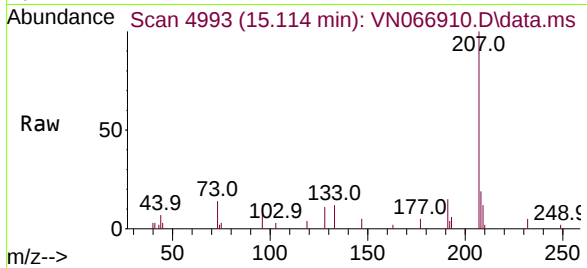




#95
Naphthalene
Concen: 0.24 ug/l
RT: 15.114 min Scan# 4993
Delta R.T. 0.043 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

Instrument :
MSVOA_N
ClientSampled :
TB

Tgt Ion:128 Resp: 1459
Ion Ratio Lower Upper
128 100
127 1.6 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.27 ug/l
RT: 15.272 min Scan# 5052
Delta R.T. 0.024 min
Lab File: VN066910.D
Acq: 30 Apr 2021 15:18

Tgt Ion:180 Resp: 620
Ion Ratio Lower Upper
180 100
182 127.7 47.4 142.3
145 4.2 16.5 49.5#

