

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065610.D
 Acq On : 26 Jan 2021 17:40
 Operator : JC/MD
 Sample : M1229-01 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 27 03:30:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

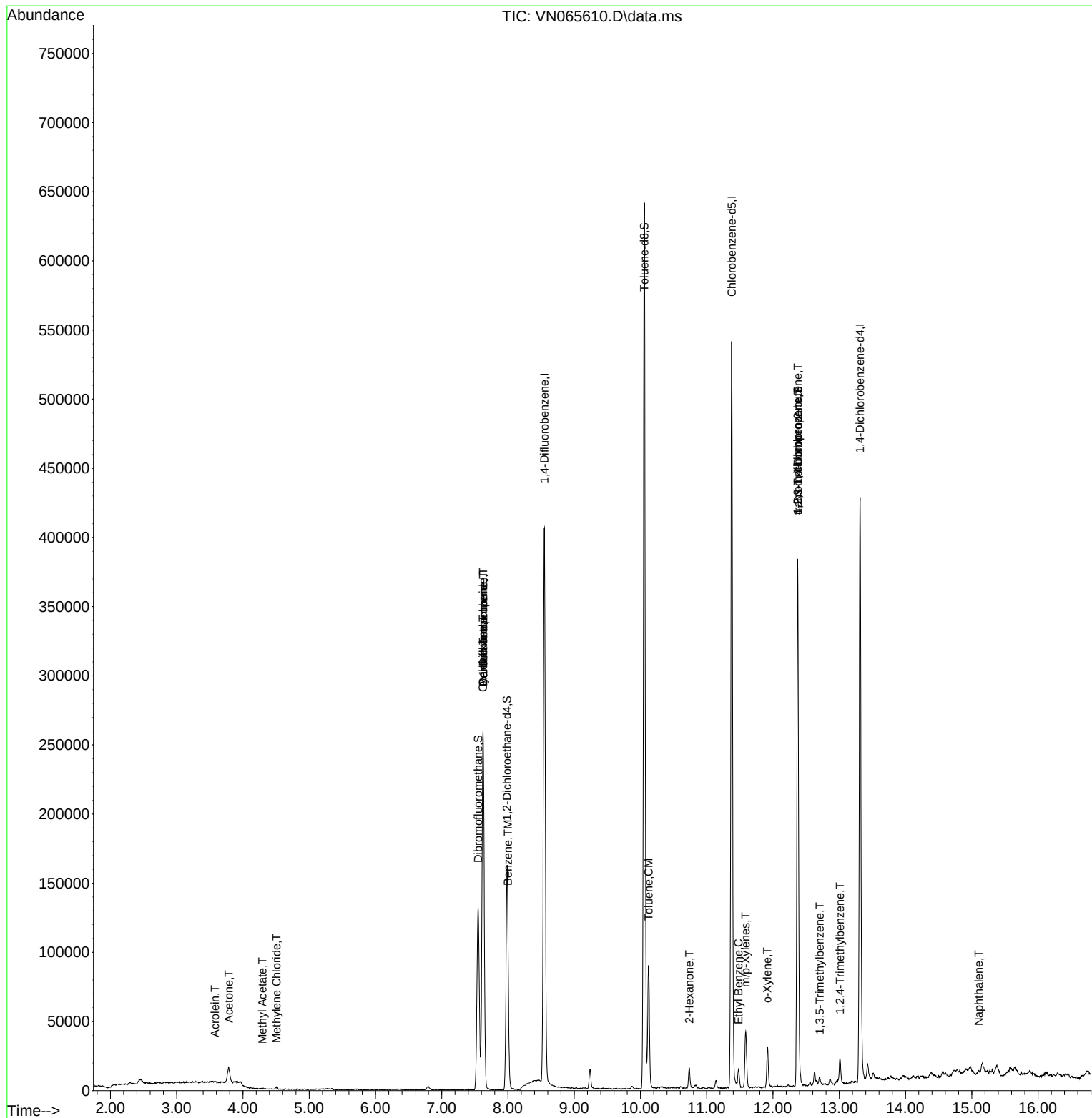
Internal Standards						
1) Pentafluorobenzene	7.624	168	207625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	365101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	324256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	120008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	134881	49.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.76%		
35) Dibromofluoromethane	7.550	113	106822	49.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.74%		
50) Toluene-d8	10.058	98	456153	53.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.28%		
62) 4-Bromofluorobenzene	12.373	95	155244	50.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.38%		
Target Compounds					Qvalue	
13) Acrolein	3.579	56	306	18.73	ug/l #	71
16) Acetone	3.785	43	17021	16.01	ug/l	96
18) Methyl Acetate	4.293	43	979	0.33	ug/l #	51
20) Methylene Chloride	4.505	84	1095	0.37	ug/l	87
31) Cyclohexane	7.621	56	4625	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17484	4.76	ug/l #	48
38) Carbon Tetrachloride	7.624	117	20519	6.78	ug/l #	16
40) Benzene	8.000	78	3545	0.32	ug/l	100
52) Toluene	10.122	92	39828	5.99	ug/l	97
59) 2-Hexanone	10.736	43	2365	0.99	ug/l #	43
67) Ethyl Benzene	11.479	91	9594	0.75	ug/l	100
68) m/p-Xylenes	11.588	106	13633	2.96	ug/l	92
69) o-Xylene	11.916	106	7821	1.75	ug/l	91
76) 1,2,3-Trichloropropane	12.373	75	72282	23.03	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	2728	0.30	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	72282	59.00	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.009	105	10580	1.19	ug/l	94
95) Naphthalene	15.106	128	2699	3.77	ug/l #	86

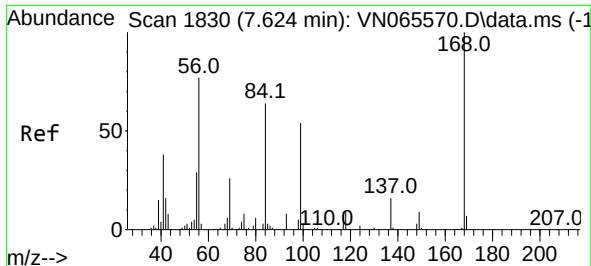
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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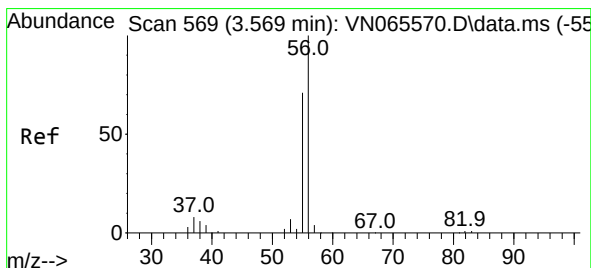
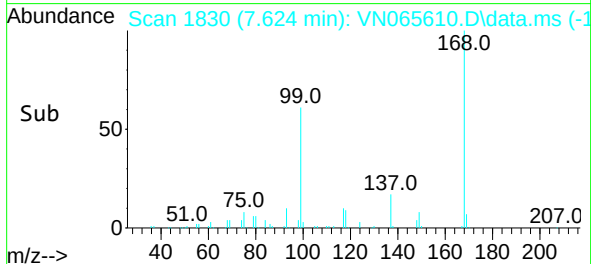
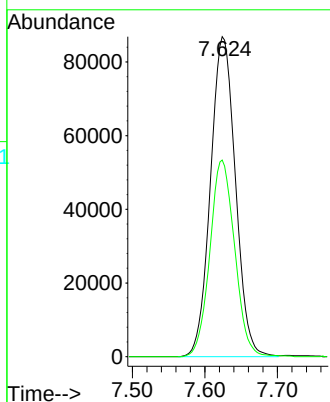
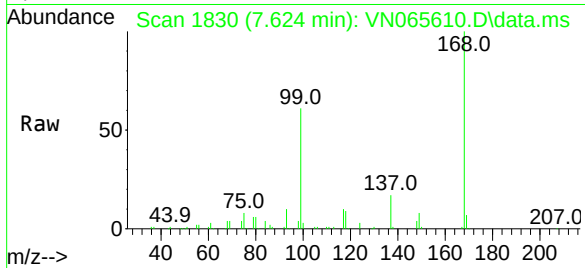




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

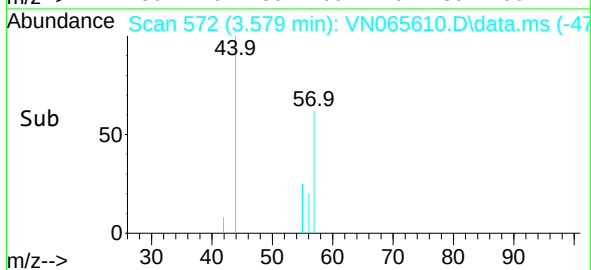
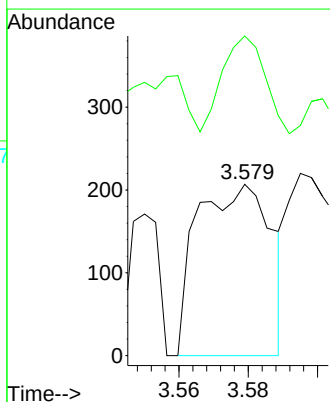
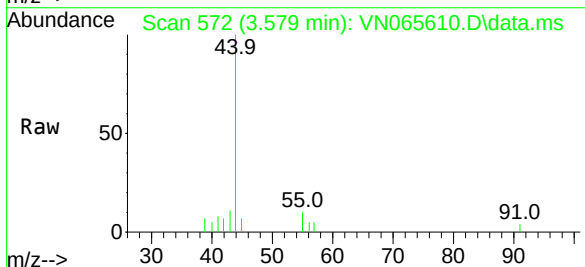
Instrument :
MSVOA_N
ClientSampled :

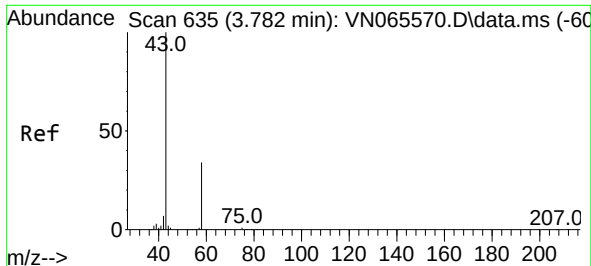
Tgt Ion:168 Resp: 207625
Ion Ratio Lower Upper
168 100
99 61.4 42.6 63.8



#13
Acrolein
Concen: 18.73 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.010 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Tgt Ion: 56 Resp: 306
Ion Ratio Lower Upper
56 100
55 46.4 56.0 84.0#

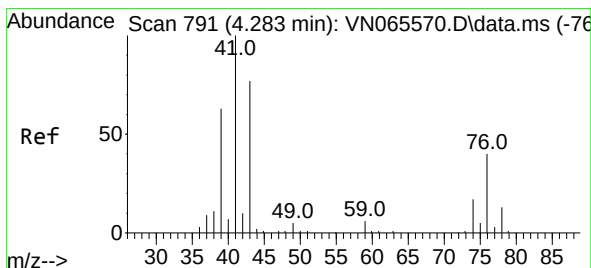
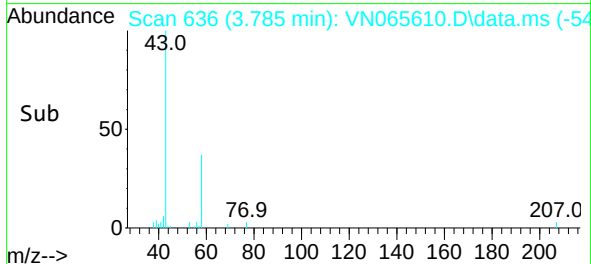
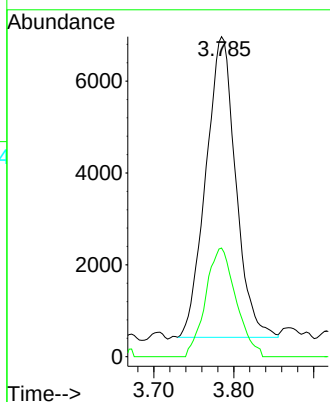
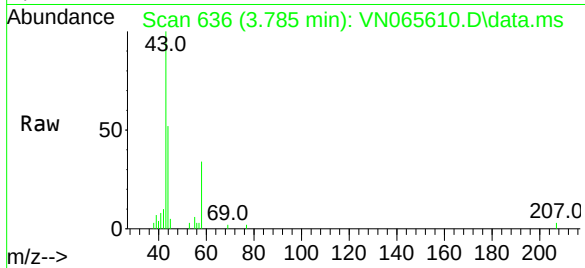




#16
Acetone
Concen: 16.01 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

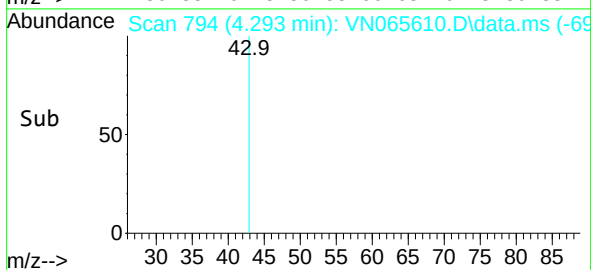
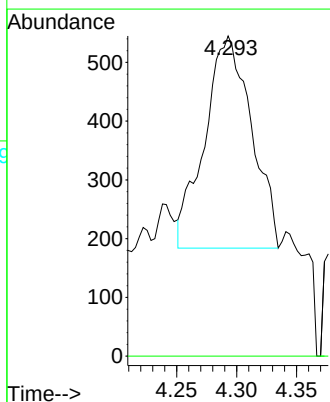
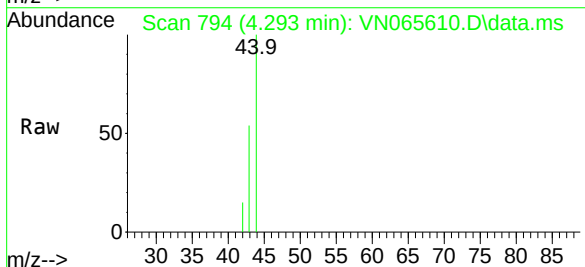
Instrument :
MSVOA_N
ClientSampled :

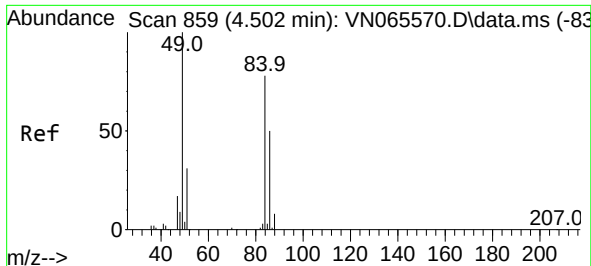
Tgt Ion: 43 Resp: 17021
Ion Ratio Lower Upper
43 100
58 36.1 27.0 40.6



#18
Methyl Acetate
Concen: 0.33 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

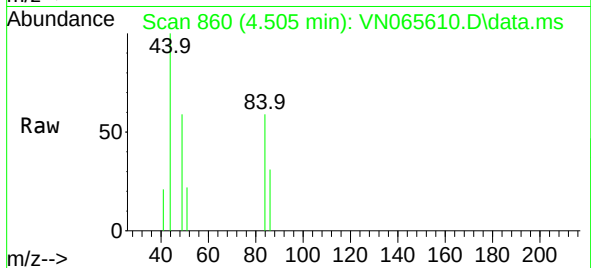
Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#





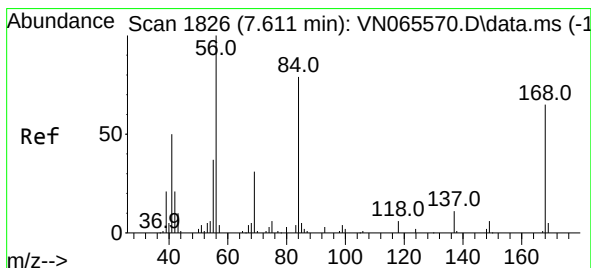
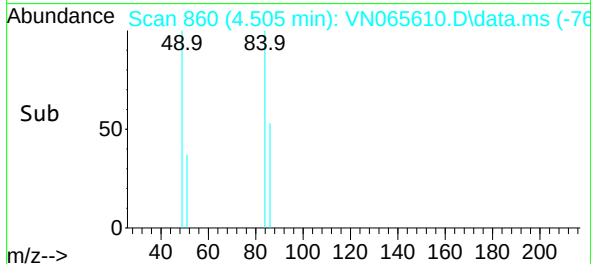
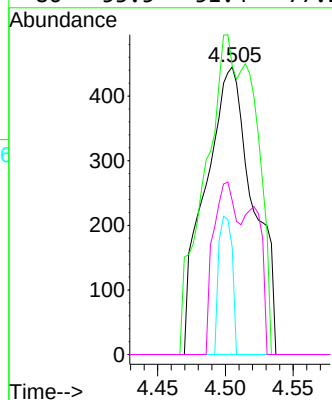
#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Instrument :
MSVOA_N
ClientSampleId :

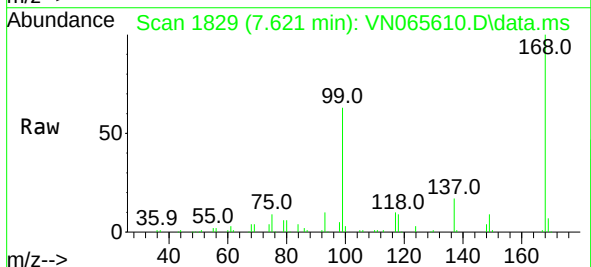


Tgt Ion: 84 Resp: 1095

Ion	Ratio	Lower	Upper
84	100		
49	100.4	94.6	141.8
51	37.3	29.9	44.9
86	53.5	51.4	77.2

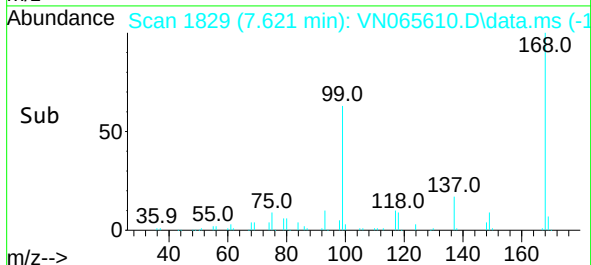
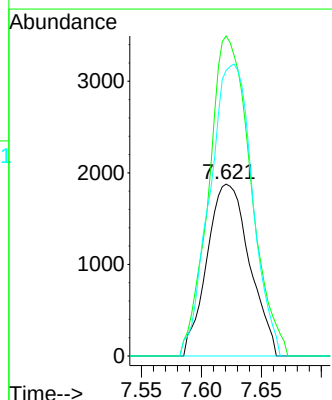


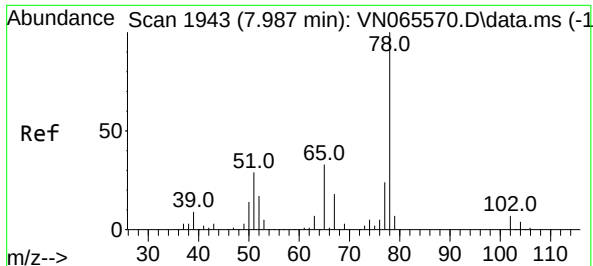
#31
Cyclohexane
Concen: 0.90 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40



Tgt Ion: 56 Resp: 4625

Ion	Ratio	Lower	Upper
56	100		
69	186.3	26.6	39.8#
84	166.3	70.4	105.6#

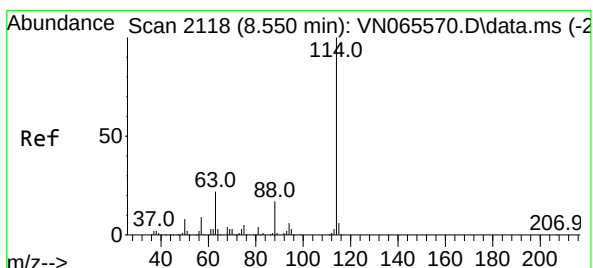
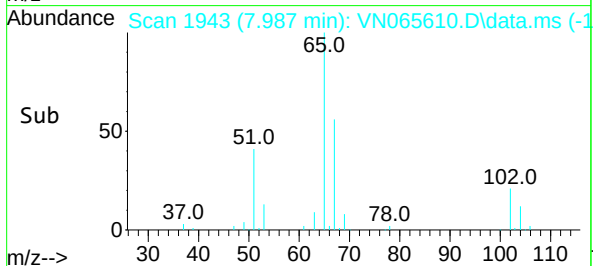
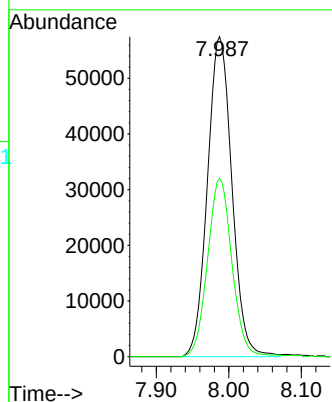
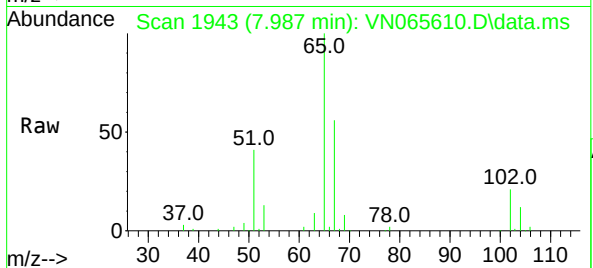




#33
1,2-Dichloroethane-d4
Concen: 49.38 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

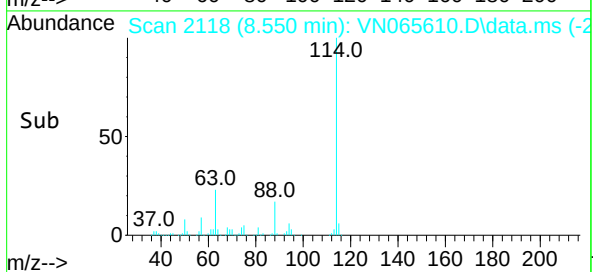
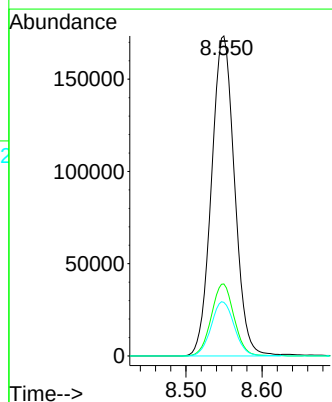
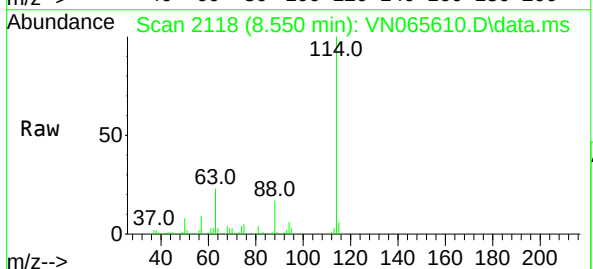
Instrument :
MSVOA_N
ClientSampleId :

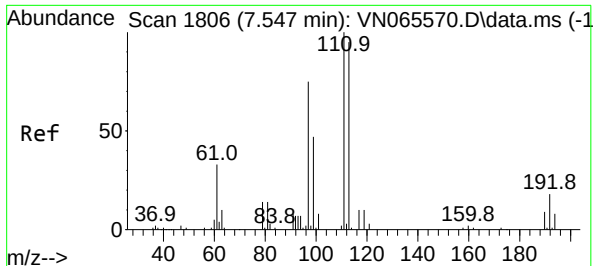
Tgt Ion: 65 Resp: 134881
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Tgt Ion: 114 Resp: 365101
Ion Ratio Lower Upper
114 100
63 22.5 0.0 38.6
88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.37 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065610.D

Acq: 26 Jan 2021 17:40

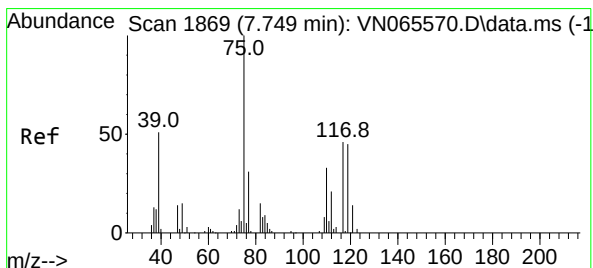
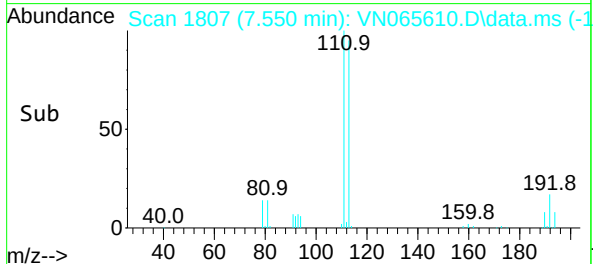
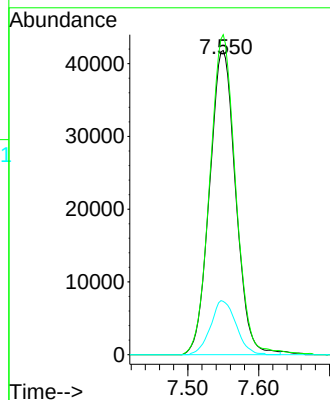
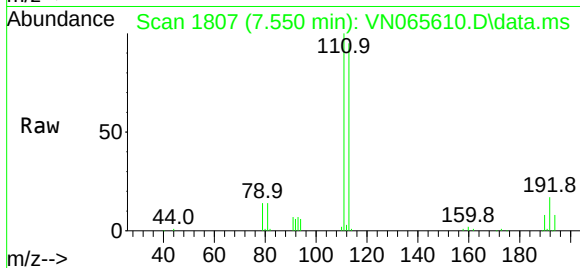
Tgt Ion:113 Resp: 106822

Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.2

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.76 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065610.D

Acq: 26 Jan 2021 17:40

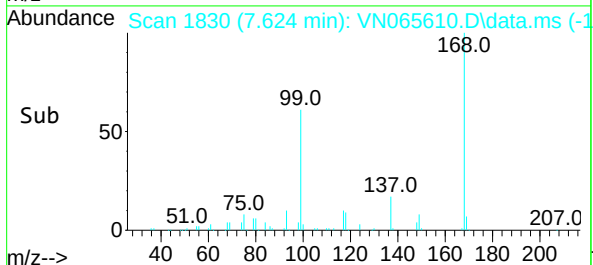
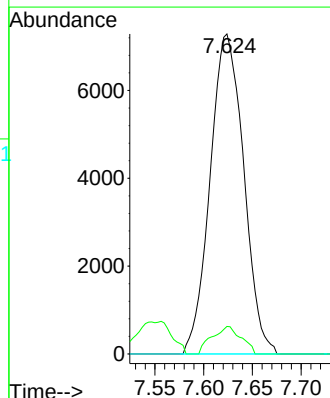
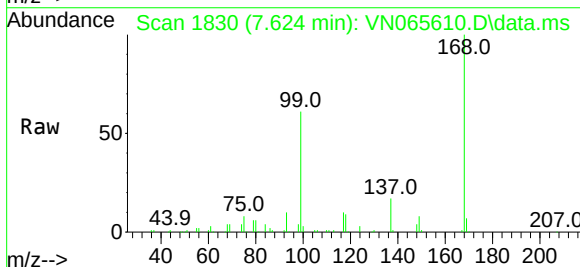
Tgt Ion: 75 Resp: 17484

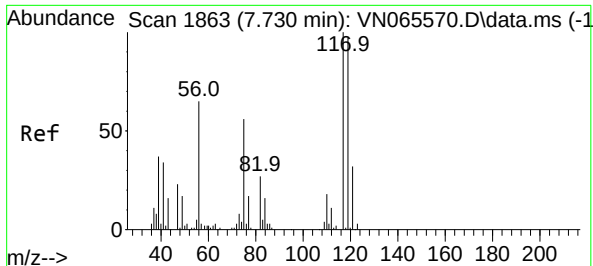
Ion Ratio Lower Upper

75 100

110 7.5 18.2 54.6#

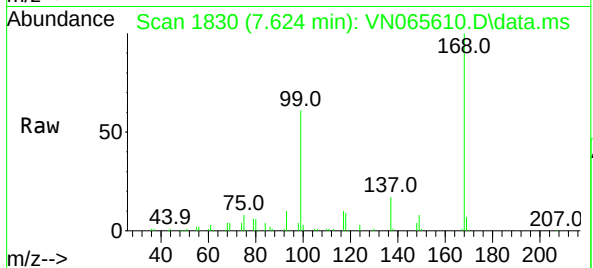
77 0.0 24.9 37.3#



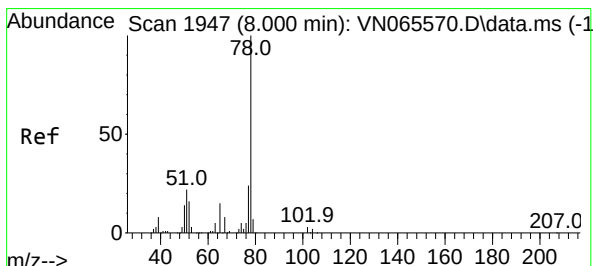
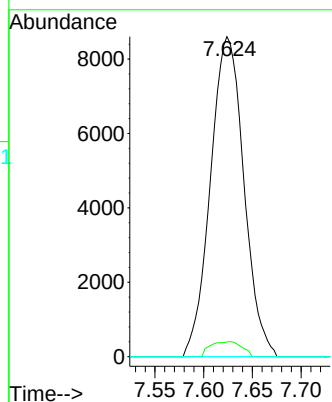
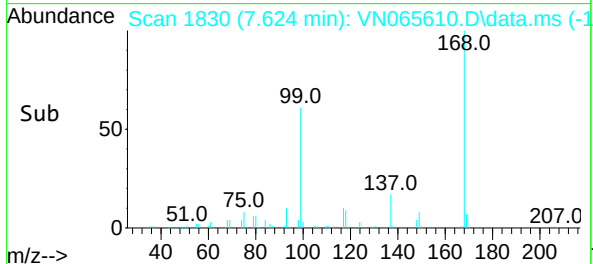


#38
Carbon Tetrachloride
Concen: 6.78 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

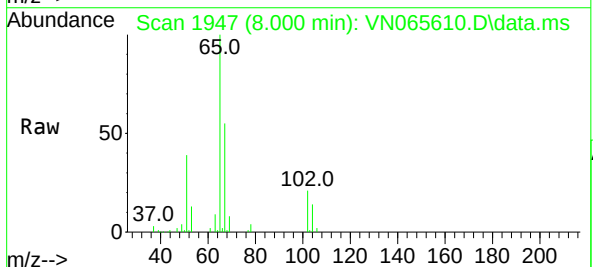
Instrument :
MSVOA_N
ClientSampled :



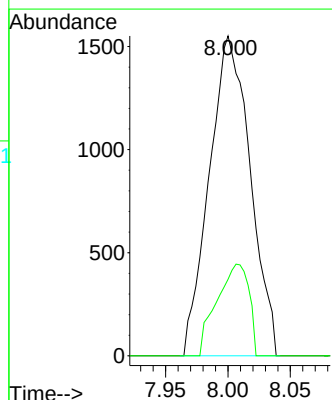
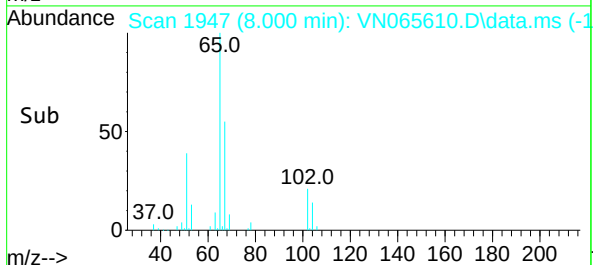
Tgt Ion:117 Resp: 20519
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.5 36.7#

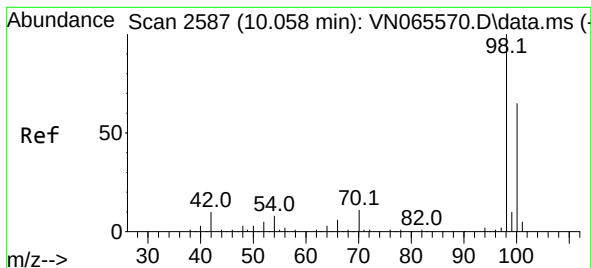


#40
Benzene
Concen: 0.32 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40



Tgt Ion: 78 Resp: 3545
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

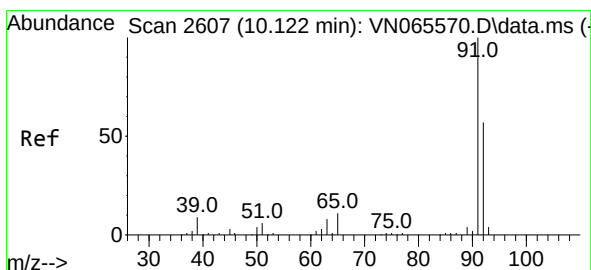
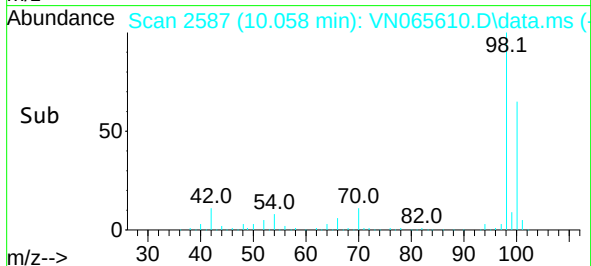
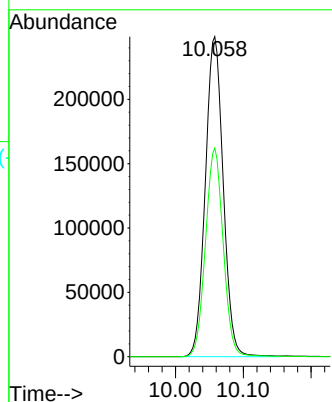
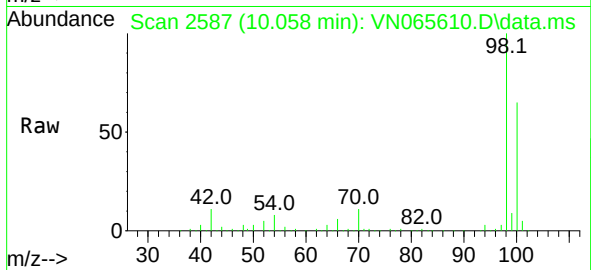




#50
Toluene-d8
Concen: 53.64 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

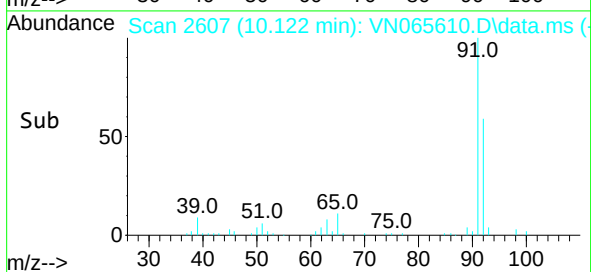
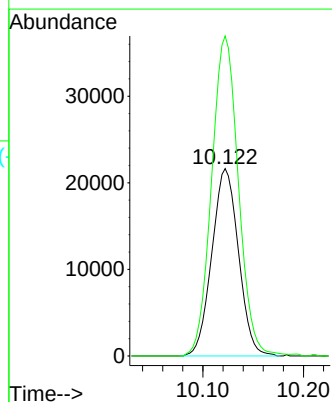
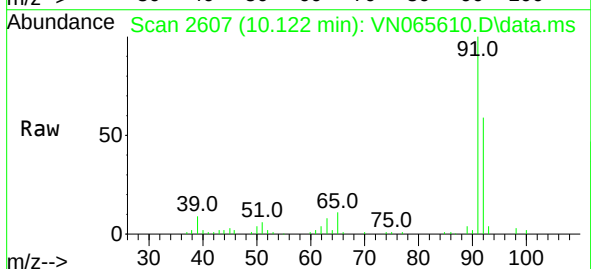
Instrument :
MSVOA_N
ClientSampleId :

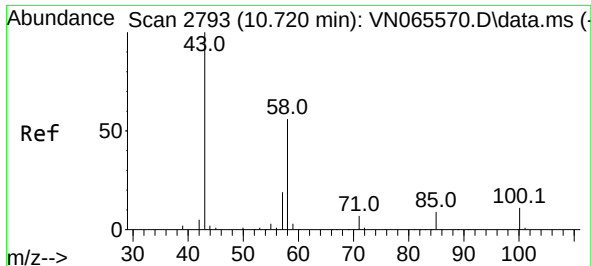
Tgt Ion: 98 Resp: 456153
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#52
Toluene
Concen: 5.99 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Tgt Ion: 92 Resp: 39828
Ion Ratio Lower Upper
92 100
91 171.9 140.7 211.1

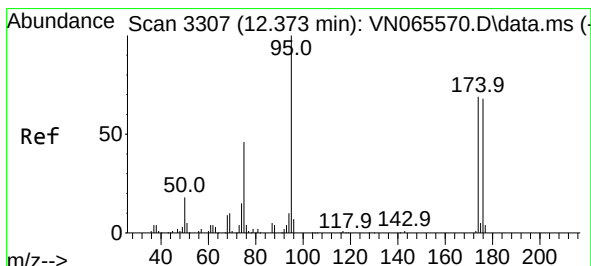
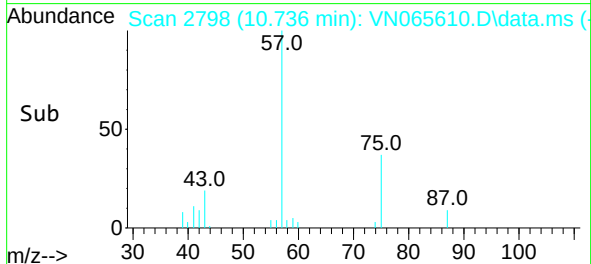
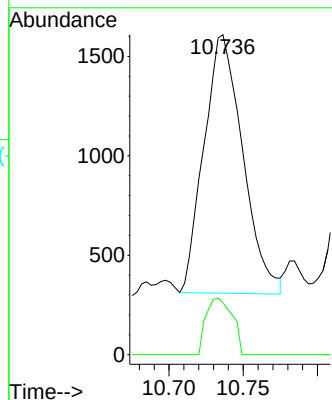
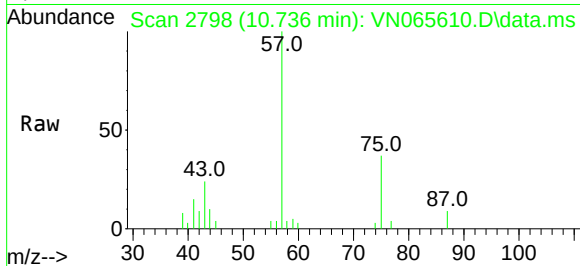




#59
2-Hexanone
Concen: 0.99 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.016 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

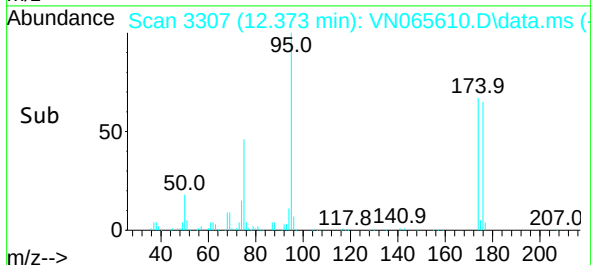
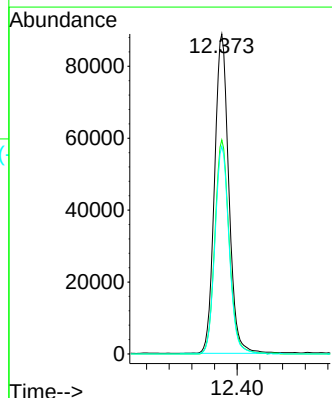
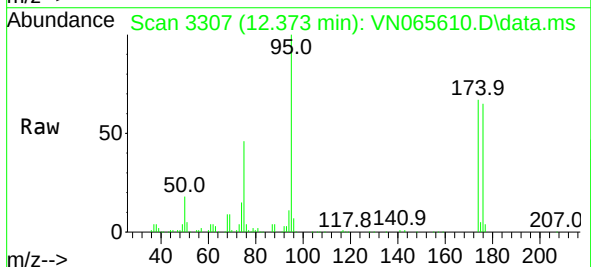
Instrument :
MSVOA_N
ClientSampleId :

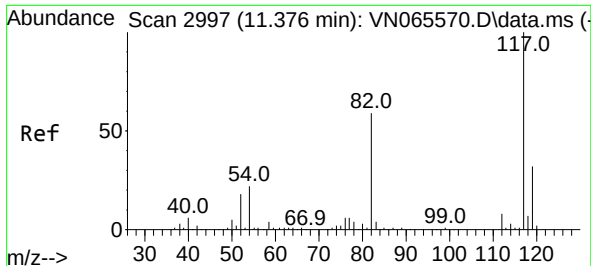
Tgt Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
58 14.8 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 50.69 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Tgt Ion: 95 Resp: 155244
Ion Ratio Lower Upper
95 100
174 67.5 0.0 169.0
176 64.8 0.0 162.4

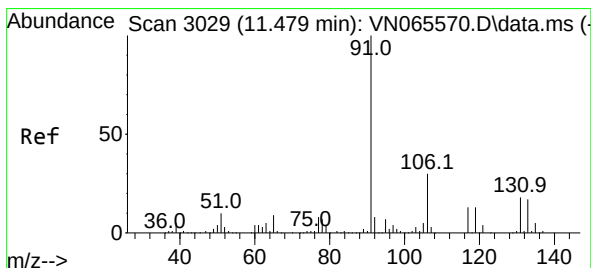
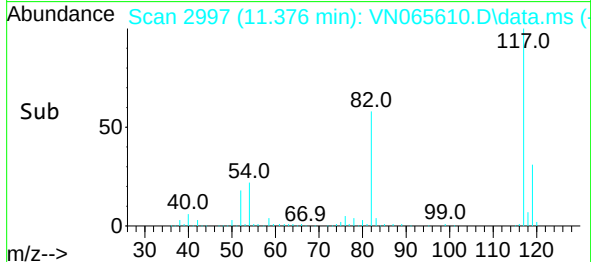
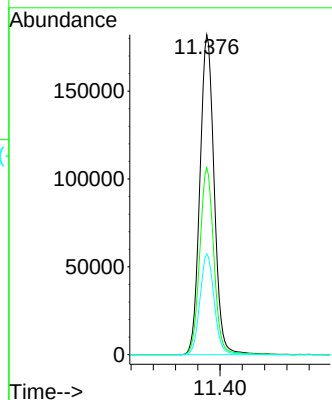
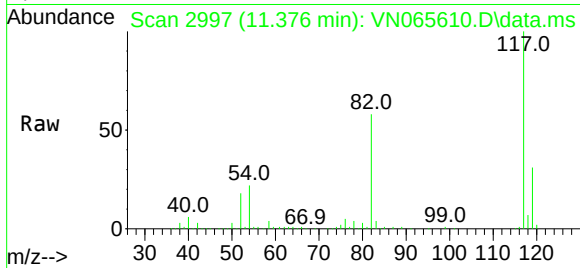




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

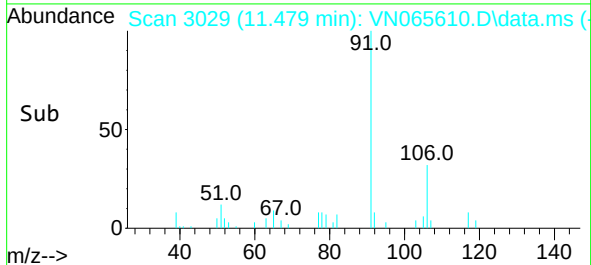
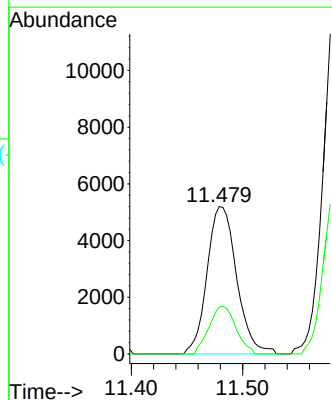
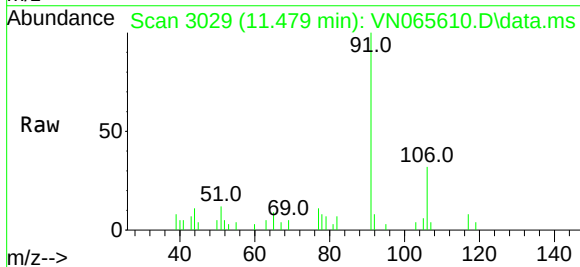
Instrument :
MSVOA_N
ClientSampled :

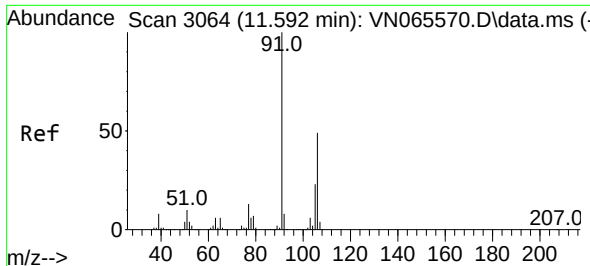
Tgt Ion:117 Resp: 324256
Ion Ratio Lower Upper
117 100
82 58.4 43.7 65.5
119 31.5 26.1 39.1



#67
Ethyl Benzene
Concen: 0.75 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. -0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Tgt Ion: 91 Resp: 9594
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

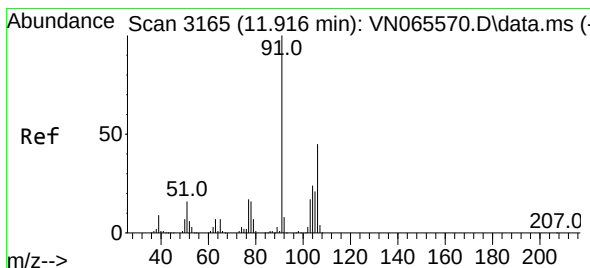
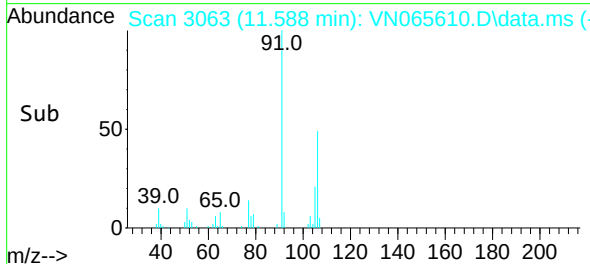
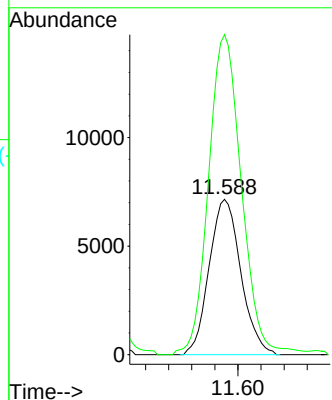
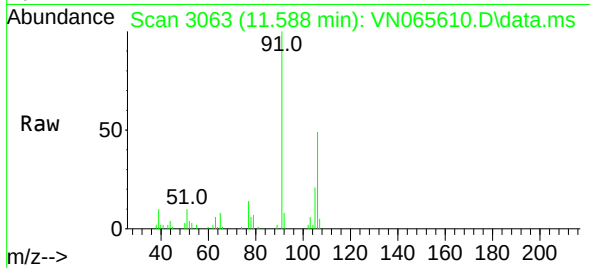




#68
m/p-Xylenes
Concen: 2.96 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

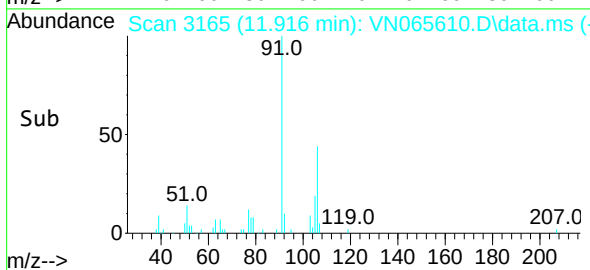
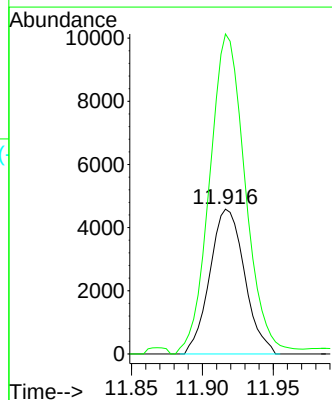
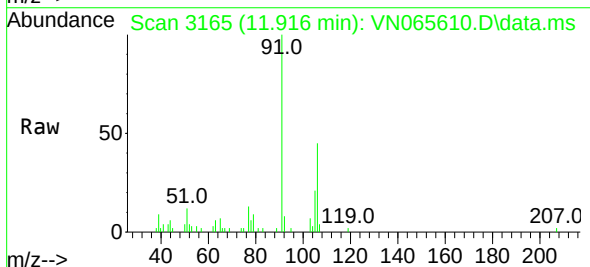
Instrument :
MSVOA_N
ClientSampled :

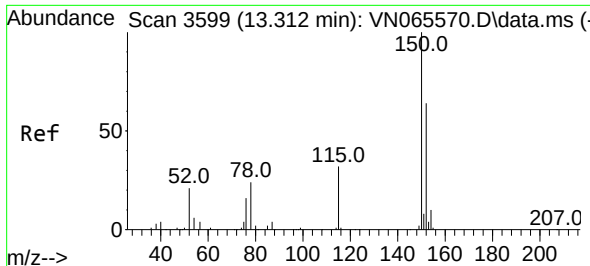
Tgt Ion:106 Resp: 13633
Ion Ratio Lower Upper
106 100
91 214.0 161.4 242.0



#69
o-Xylene
Concen: 1.75 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Tgt Ion:106 Resp: 7821
Ion Ratio Lower Upper
106 100
91 227.6 106.8 320.4

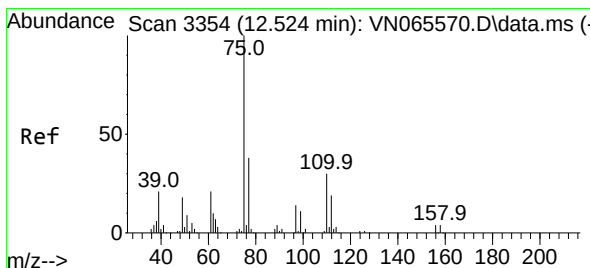
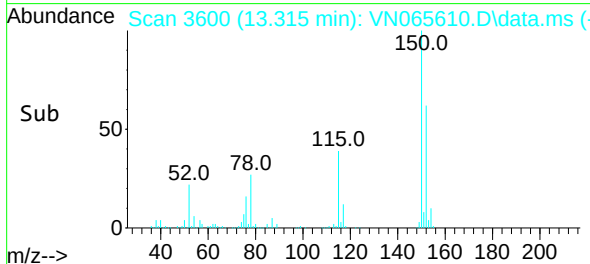
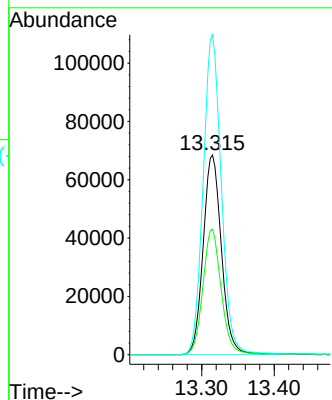
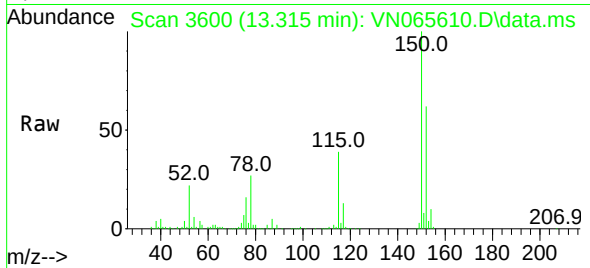




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

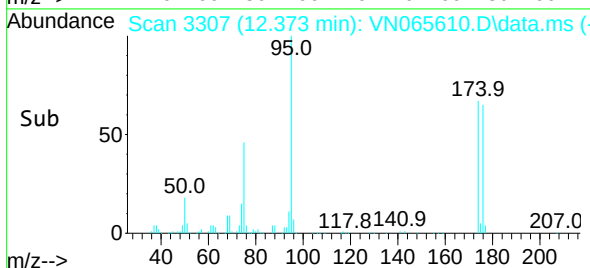
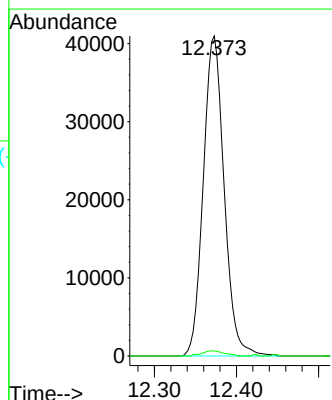
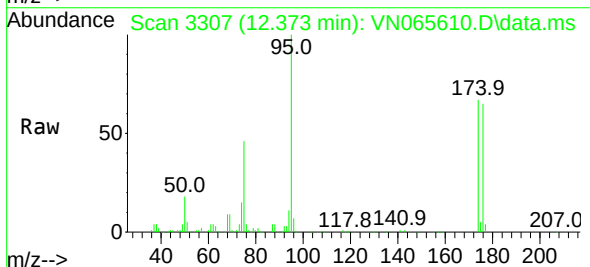
Instrument :
MSVOA_N
ClientSampled :

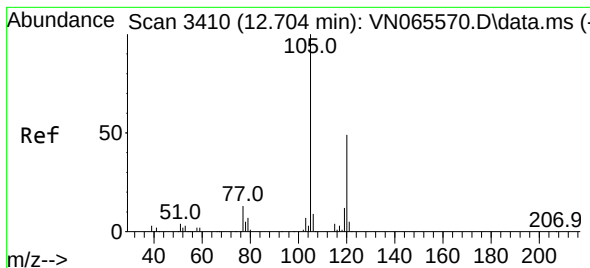
Tgt Ion:152 Resp: 120008
Ion Ratio Lower Upper
152 100
115 62.8 28.5 85.6
150 158.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 23.03 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Tgt Ion: 75 Resp: 72282
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

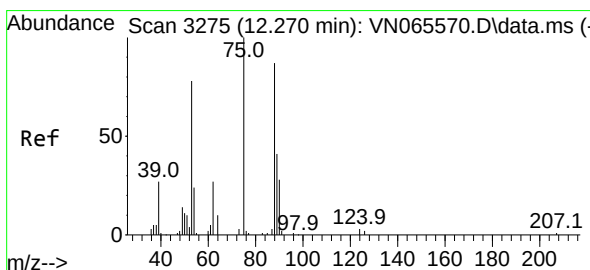
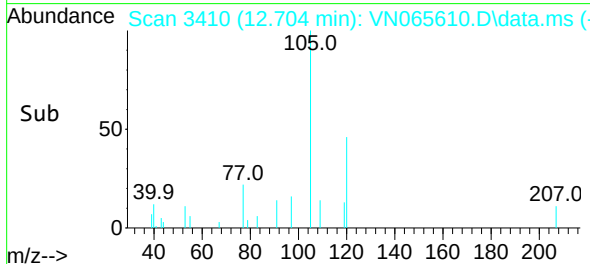
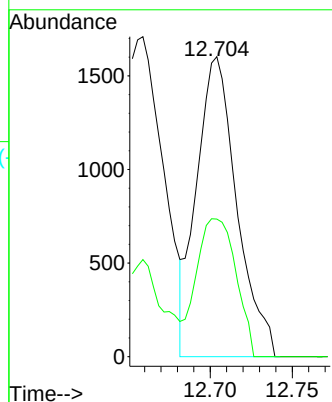
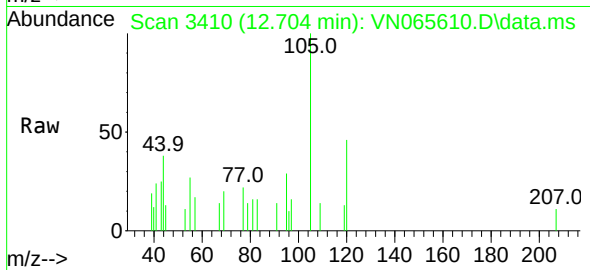




#80
1,3,5-Trimethylbenzene
Concen: 0.30 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

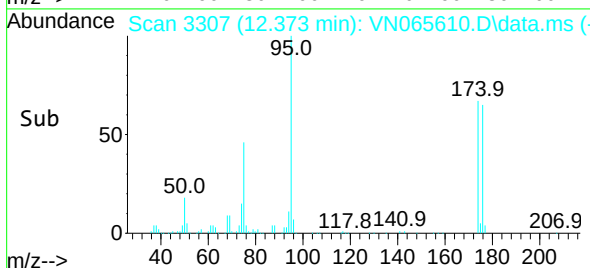
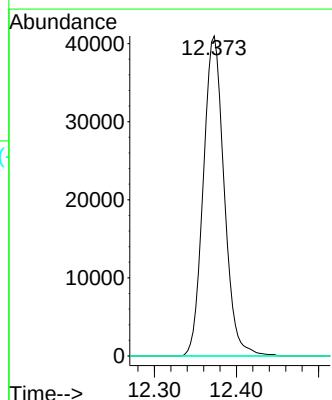
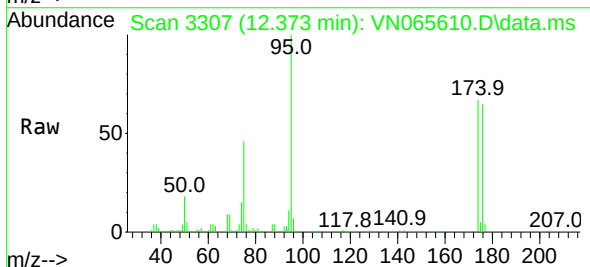
Instrument :
MSVOA_N
ClientSampleId :

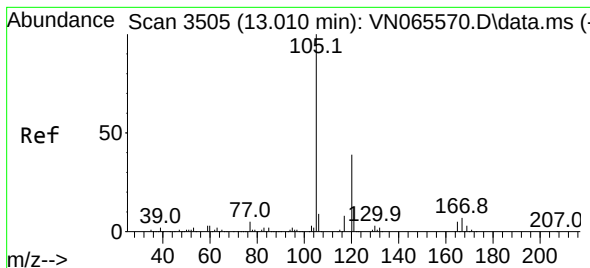
Tgt Ion:105 Resp: 2728
Ion Ratio Lower Upper
105 100
120 45.5 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 59.00 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Tgt Ion: 75 Resp: 72282
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

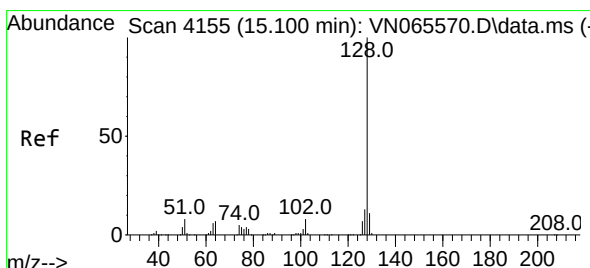
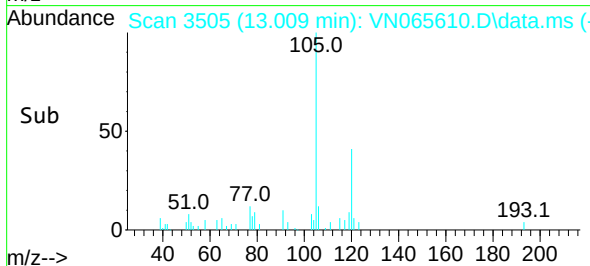
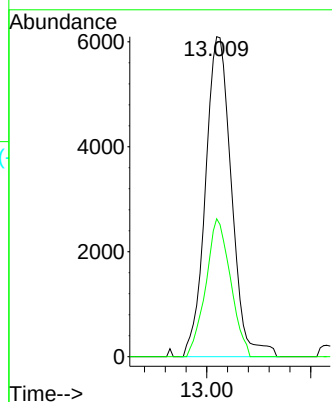
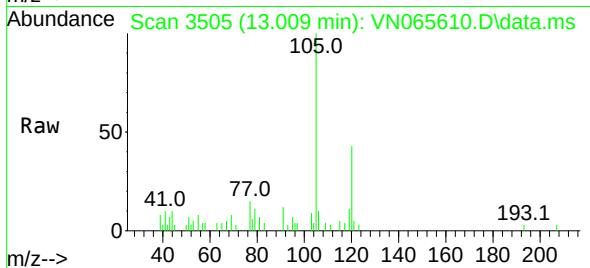




#84
1,2,4-Trimethylbenzene
Concen: 1.19 ug/l
RT: 13.009 min Scan# 3505
Delta R.T. -0.001 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:105 Resp: 10580
Ion Ratio Lower Upper
105 100
120 40.9 22.4 67.0



#95
Naphthalene
Concen: 3.77 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065610.D
Acq: 26 Jan 2021 17:40

Tgt Ion:128 Resp: 2699
Ion Ratio Lower Upper
128 100
127 5.2 10.2 15.2#
129 13.9 8.6 13.0#

