

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121120\
 Data File : VN065081.D
 Acq On : 11 Dec 2020 20:03
 Operator : JC/MD
 Sample : L5043-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:23:41 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 12 04:18:15 2020
 Response via : Initial Calibration

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

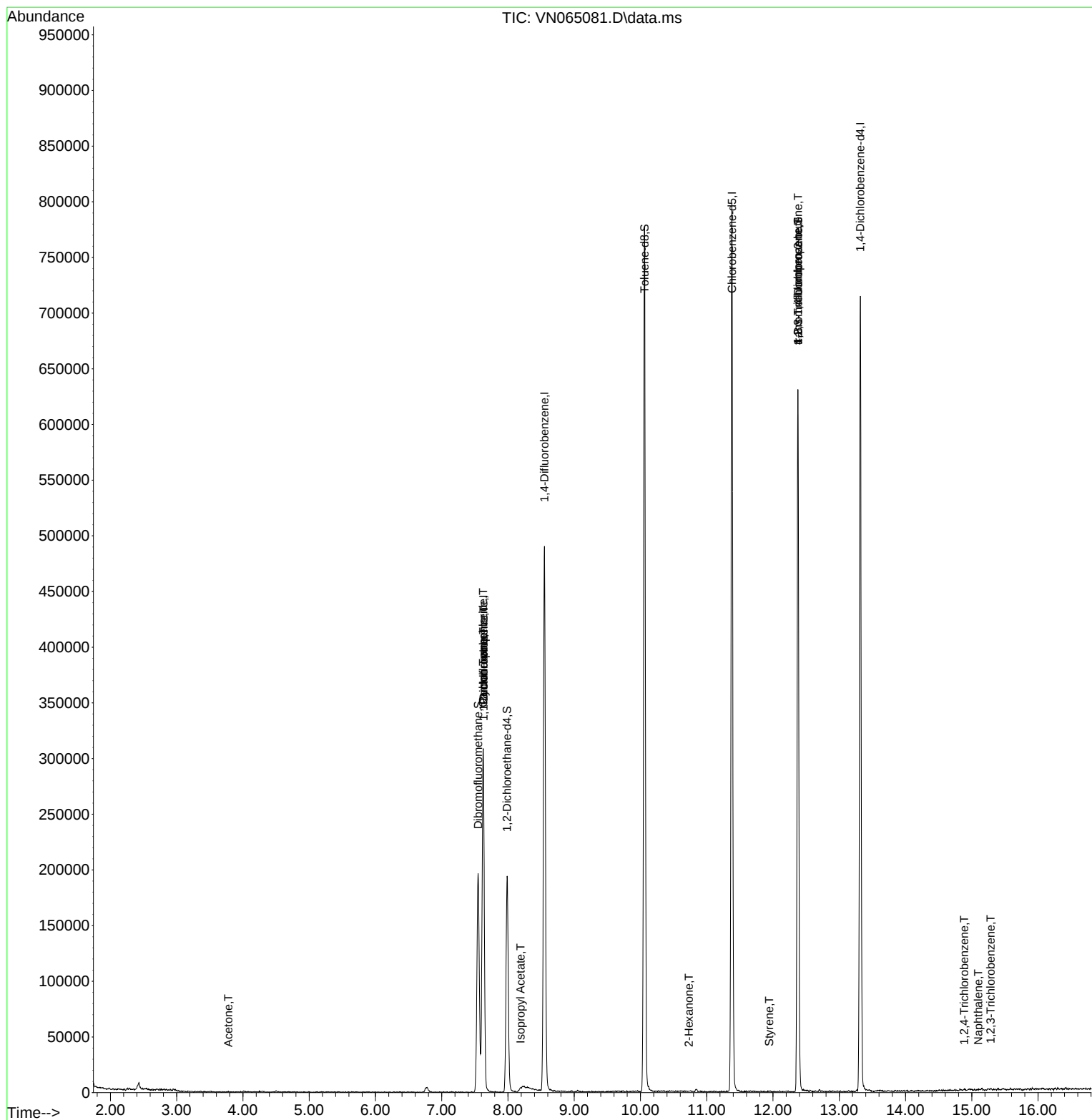
Internal Standards							
1) Pentafluorobenzene		7.627	168	253847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene		8.550	114	440951	50.00	ug/l	0.00
63) Chlorobenzene-d5		11.379	117	463657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.318	152	199967	50.00	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		7.987	65	168016	56.94	ug/l	0.00
Spiked Amount 50.000		Range	61 - 141	Recovery	= 113.88%		
35) Dibromofluoromethane		7.550	113	148266	49.69	ug/l	0.00
Spiked Amount 50.000		Range	69 - 133	Recovery	= 99.38%		
50) Toluene-d8		10.061	98	544500	50.28	ug/l	0.00
Spiked Amount 50.000		Range	65 - 126	Recovery	= 100.56%		
62) 4-Bromofluorobenzene		12.376	95	207028	54.44	ug/l	0.00
Spiked Amount 50.000		Range	58 - 135	Recovery	= 108.88%		
Target Compounds							
							Qvalue
16) Acetone		3.778	43	116	9.87	ug/l	# 43
20) Methylene Chloride		4.502	84	357	Below Cal		# 43
31) Cyclohexane		7.627	56	5535	1.45	ug/l	# 23
36) 1,1-Dichloropropene		7.630	75	18326	4.56	ug/l	# 50
38) Carbon Tetrachloride		7.624	117	24817	5.47	ug/l	# 17
43) Isopropyl Acetate		8.190	43	2774	0.45	ug/l	# 59
59) 2-Hexanone		10.730	43	238	8.67	ug/l	# 23
70) Styrene		11.942	104	31	1.85	ug/l	# 1
76) 1,2,3-Trichloropropane		12.376	75	107469	29.05	ug/l	# 100
81) trans-1,4-Dichloro-2-b...		12.376	75	107469	83.85	ug/l	# 15
93) 1,2,4-Trichlorobenzene		14.884	180	214	4.18	ug/l	# 26
95) Naphthalene		15.096	128	159	4.76	ug/l	# 69
96) 1,2,3-Trichlorobenzene		15.286	180	92	4.61	ug/l	# 10

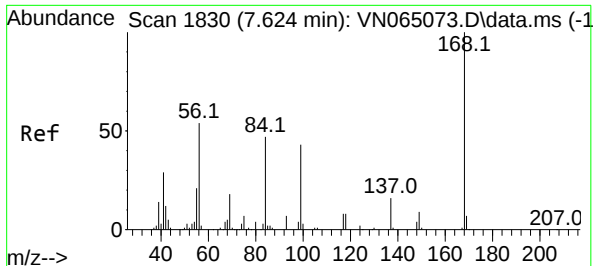
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121120\
Data File : VN065081.D
Acq On : 11 Dec 2020 20:03
Operator : JC/MD
Sample : L5043-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 12 04:23:41 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121120W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 12 04:18:15 2020
Response via : Initial Calibration

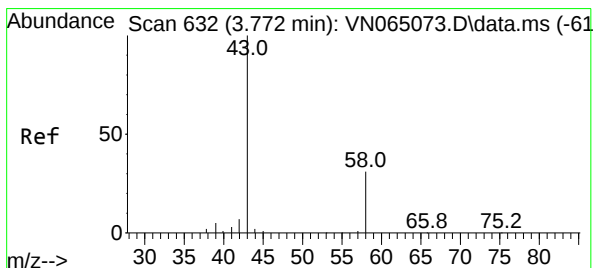
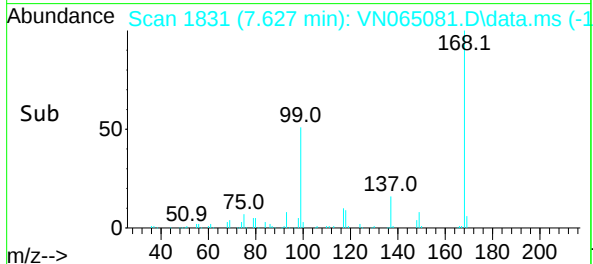
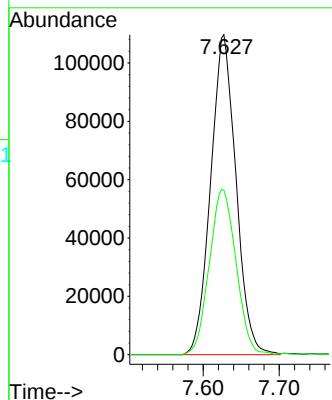
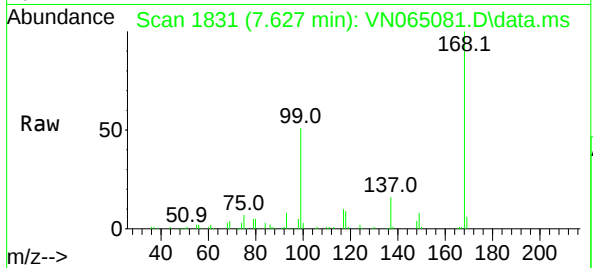




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.003 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

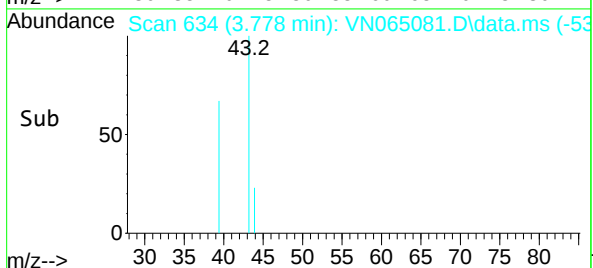
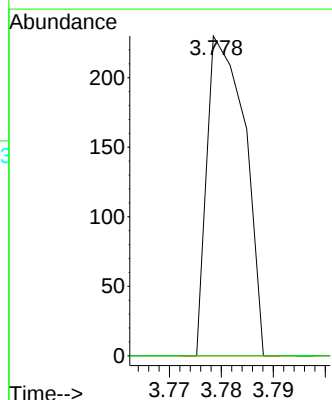
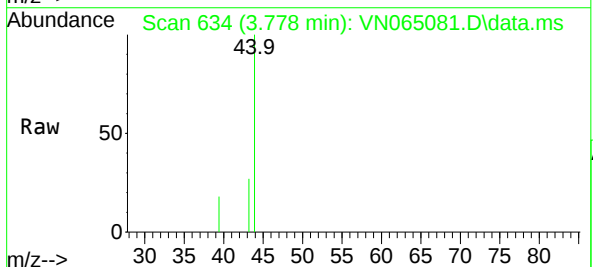
Instrument :
MSVOA_N
ClientSampled :

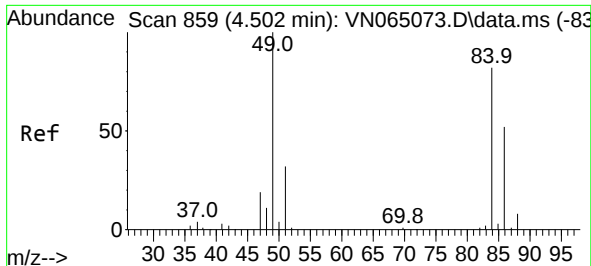
Tgt Ion:168 Resp: 253847
Ion Ratio Lower Upper
168 100
99 51.4 43.0 64.4



#16
Acetone
Concen: 9.87 ug/l
RT: 3.778 min Scan# 634
Delta R.T. 0.006 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#20

Methylene Chloride

Concen: Below Cal

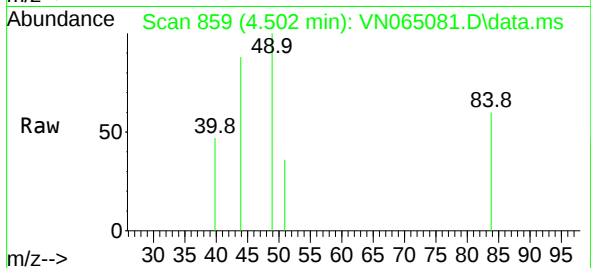
RT: 4.502 min Scan# 859

Delta R.T. -0.000 min

Lab File: VN065081.D

Acq: 11 Dec 2020 20:03

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 357

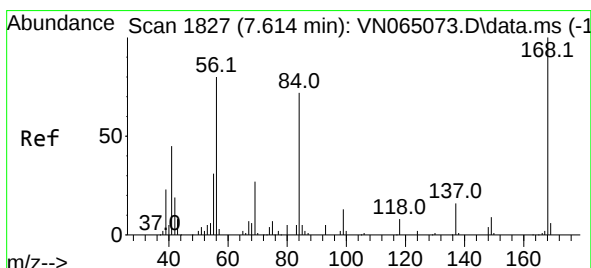
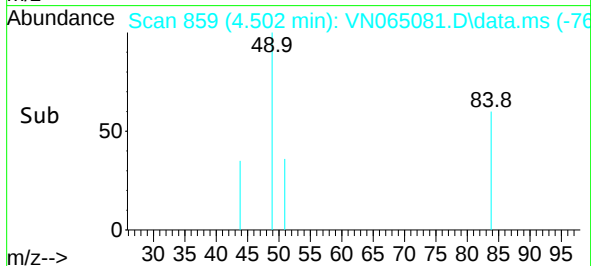
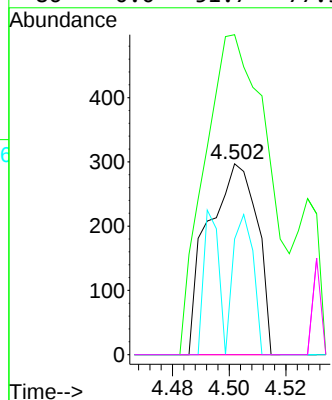
Ion Ratio Lower Upper

84 100

49 167.7 93.4 140.0#

51 60.6 28.2 42.4#

86 0.0 51.7 77.5#



#31

Cyclohexane

Concen: 1.45 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. 0.013 min

Lab File: VN065081.D

Acq: 11 Dec 2020 20:03

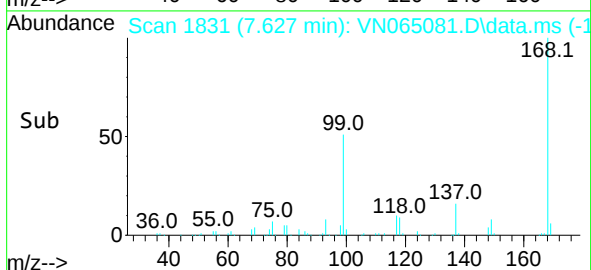
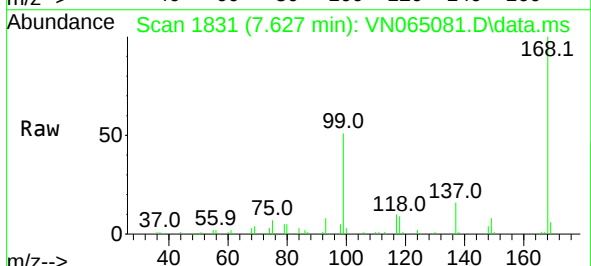
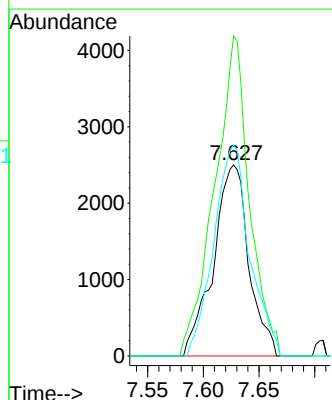
Tgt Ion: 56 Resp: 5535

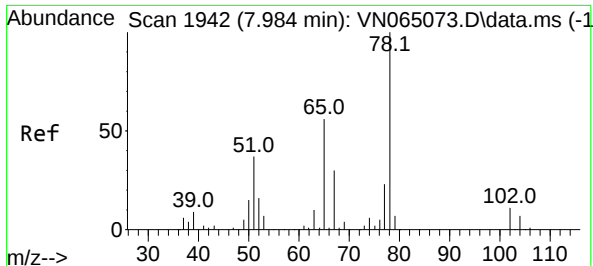
Ion Ratio Lower Upper

56 100

69 167.7 27.5 41.3#

84 110.6 73.9 110.9





#33

1,2-Dichloroethane-d4

Concen: 56.94 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.003 min

Lab File: VN065081.D

Acq: 11 Dec 2020 20:03

Tgt Ion: 65 Resp: 168016

Ion Ratio Lower Upper

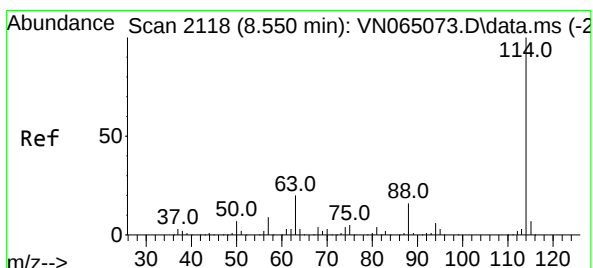
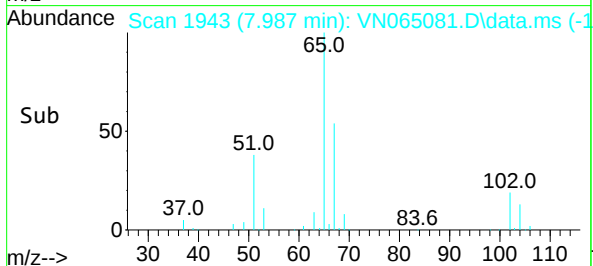
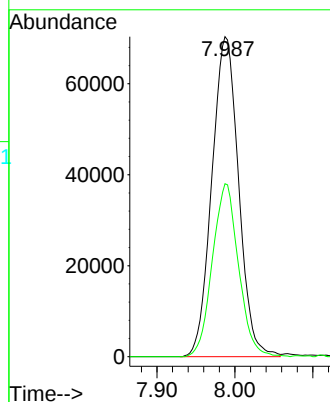
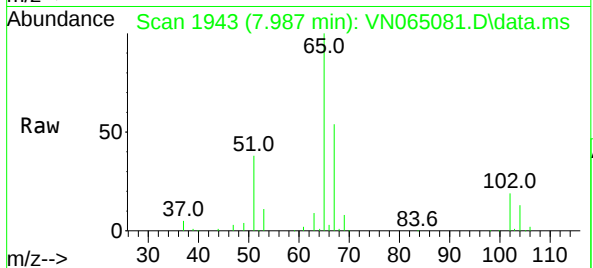
65 100

67 52.8 0.0 108.2

Instrument :

MSVOA_N

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.550 min Scan# 2118

Delta R.T. -0.000 min

Lab File: VN065081.D

Acq: 11 Dec 2020 20:03

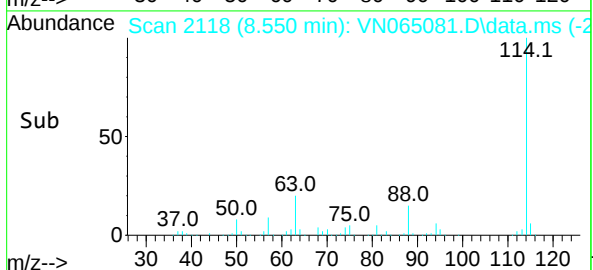
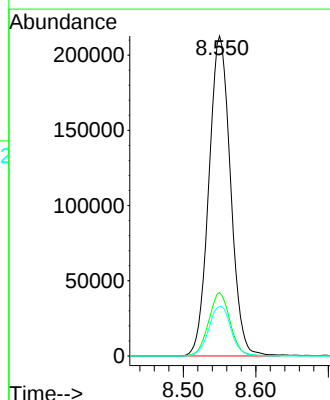
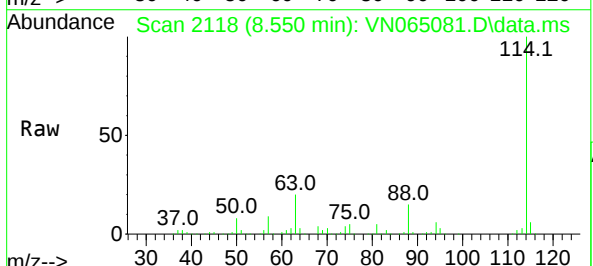
Tgt Ion: 114 Resp: 440951

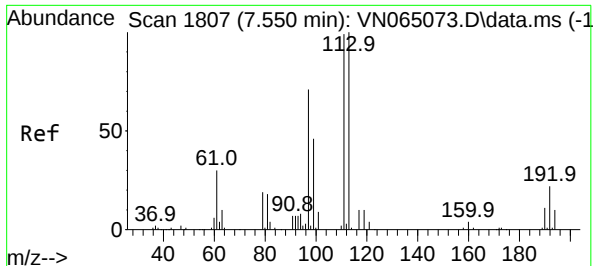
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.69 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN065081.D

Acq: 11 Dec 2020 20:03

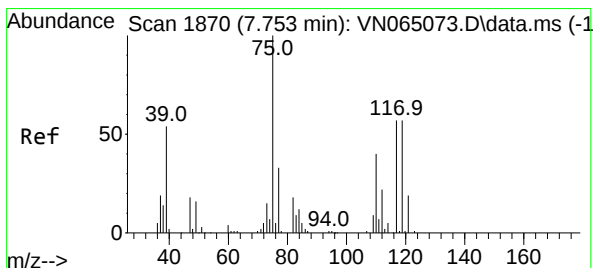
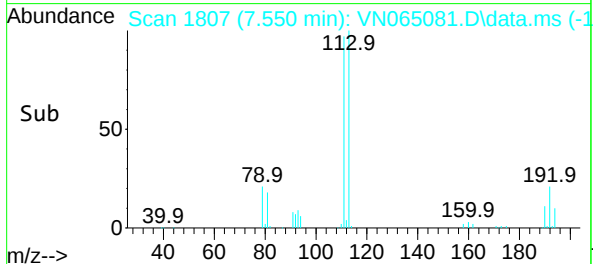
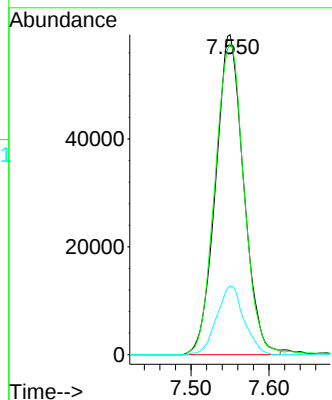
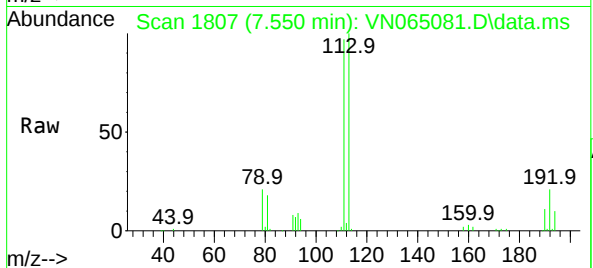
Tgt Ion:113 Resp: 148266

Ion Ratio Lower Upper

113 100

111 100.5 81.6 122.4

192 20.9 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.56 ug/l

RT: 7.630 min Scan# 1832

Delta R.T. -0.123 min

Lab File: VN065081.D

Acq: 11 Dec 2020 20:03

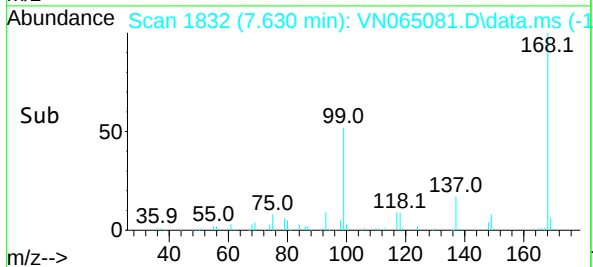
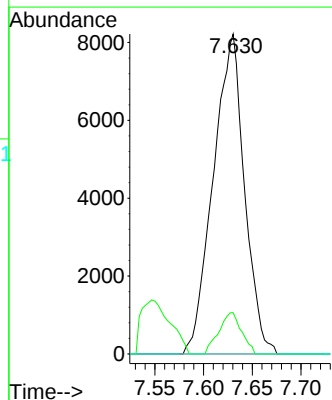
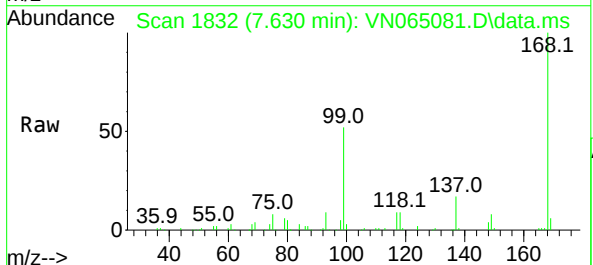
Tgt Ion: 75 Resp: 18326

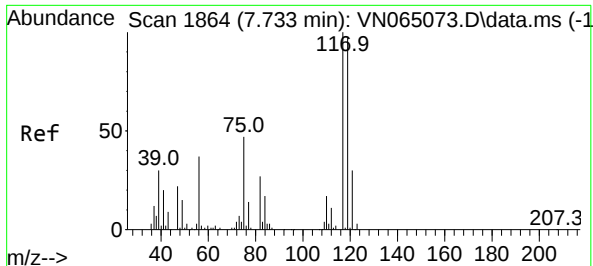
Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.3#

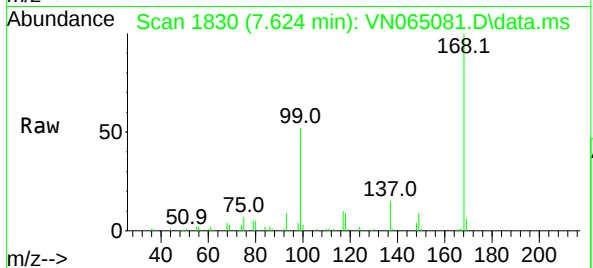
77 0.0 25.0 37.4#



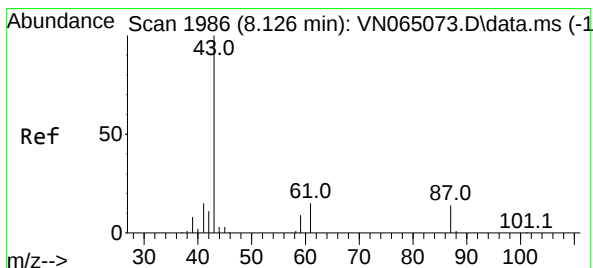
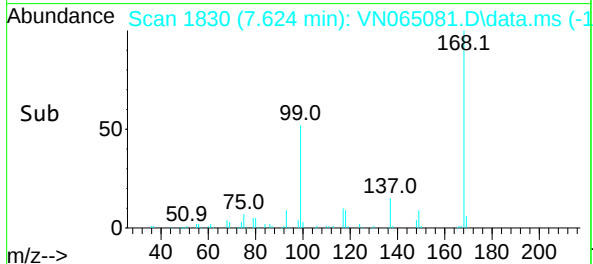
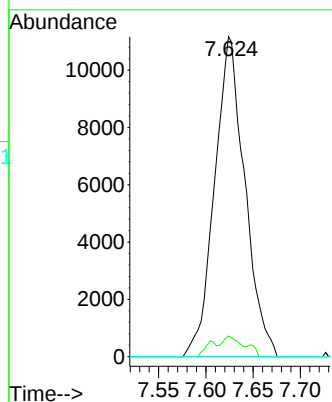


#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

Instrument :
MSVOA_N
ClientSampled :

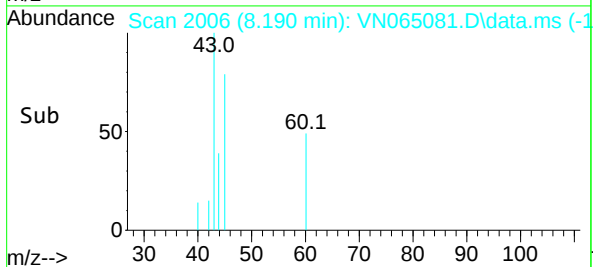
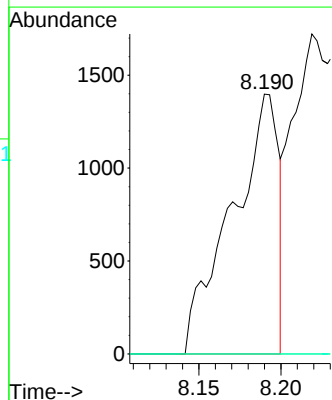
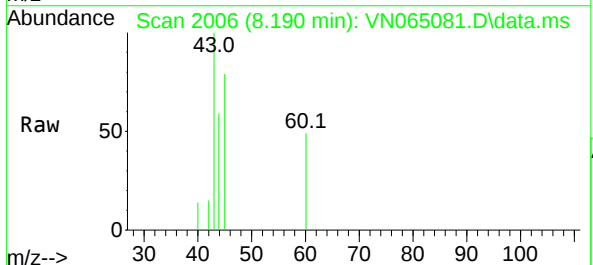


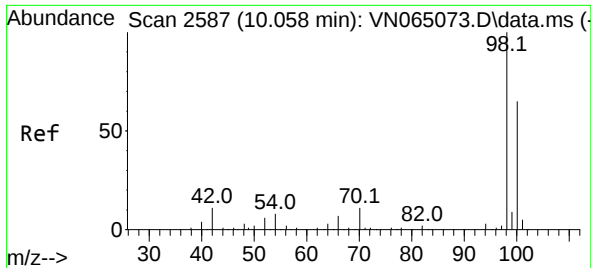
Tgt Ion:117 Resp: 24817
Ion Ratio Lower Upper
117 100
119 6.5 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 0.45 ug/l
RT: 8.190 min Scan# 2006
Delta R.T. 0.064 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

Tgt Ion: 43 Resp: 2774
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#

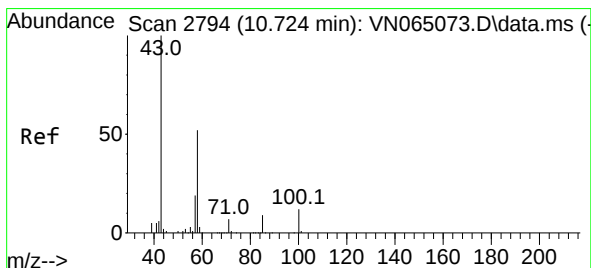
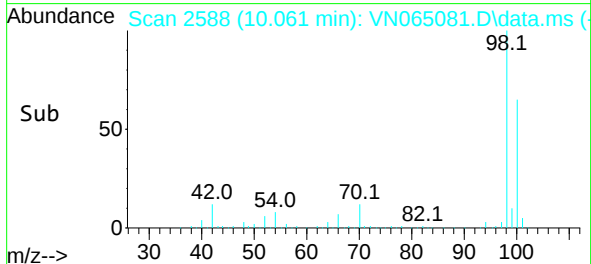
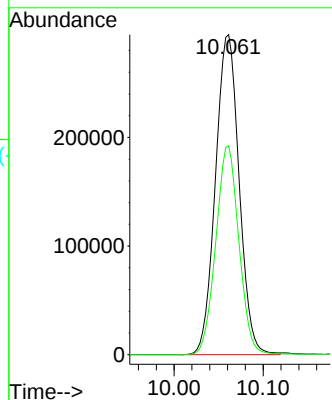
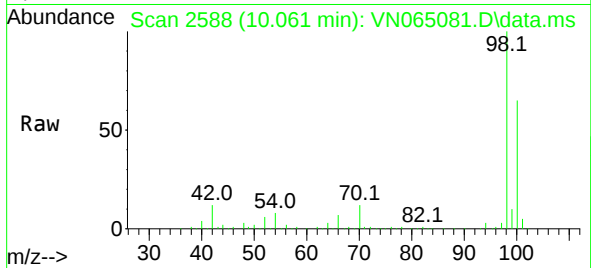




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

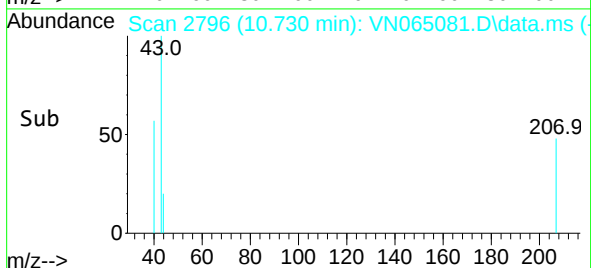
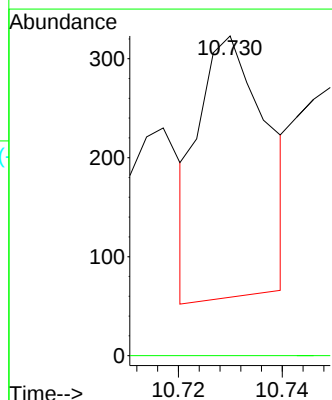
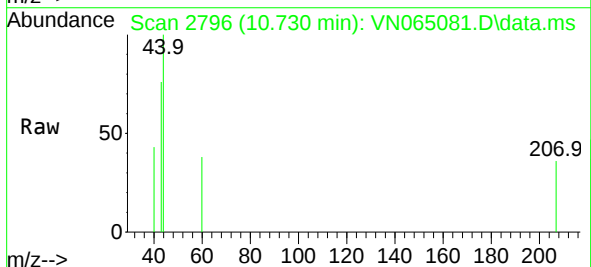
Instrument :
MSVOA_N
ClientSampled :

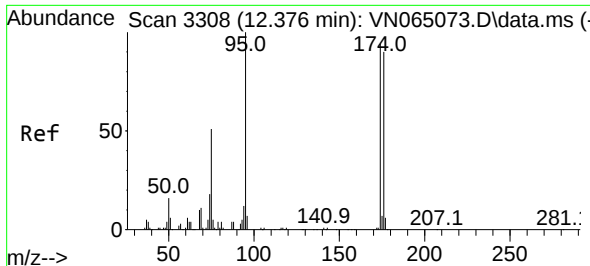
Tgt Ion: 98 Resp: 544500
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#59
2-Hexanone
Concen: 8.67 ug/l
RT: 10.730 min Scan# 2796
Delta R.T. 0.006 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

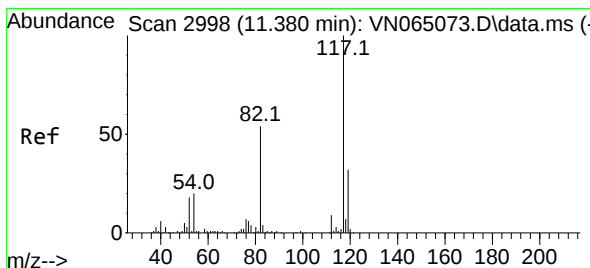
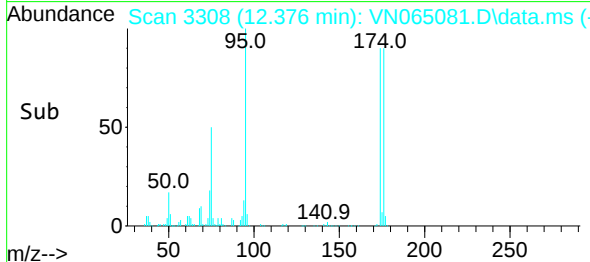
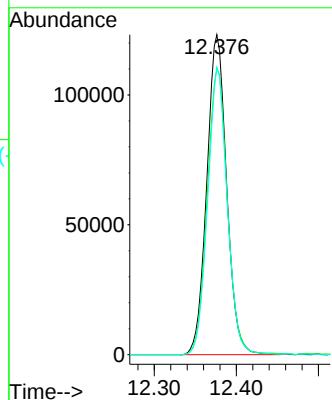
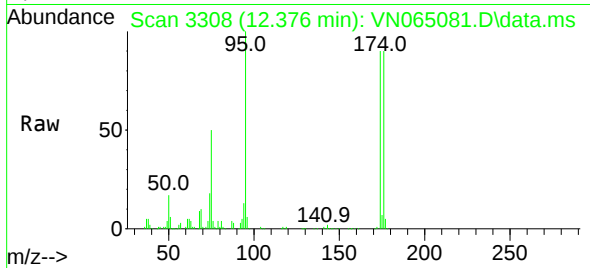




#62
4-Bromofluorobenzene
Concen: 54.44 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

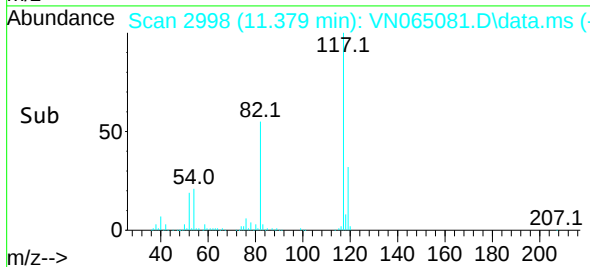
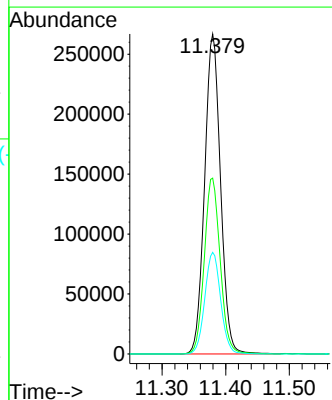
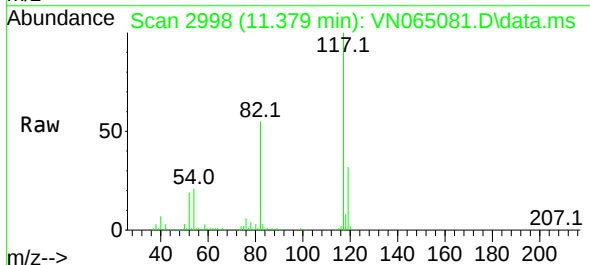
Instrument :
MSVOA_N
ClientSampleId :

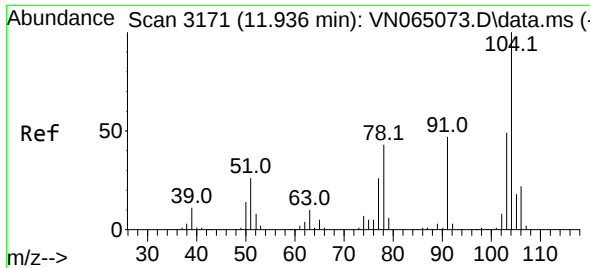
Tgt Ion: 95 Resp: 207028
Ion Ratio Lower Upper
95 100
174 90.9 0.0 160.4
176 88.1 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

Tgt Ion: 117 Resp: 463657
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.8 25.8 38.6

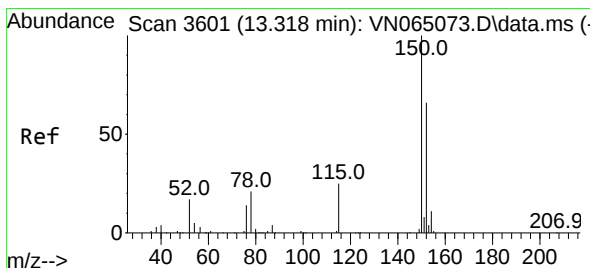
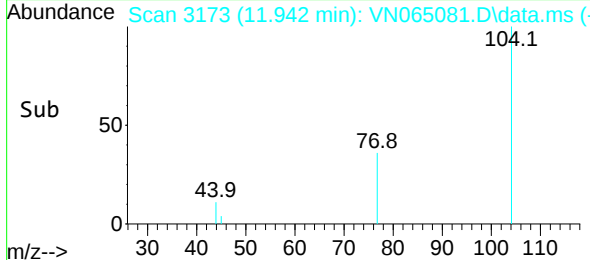
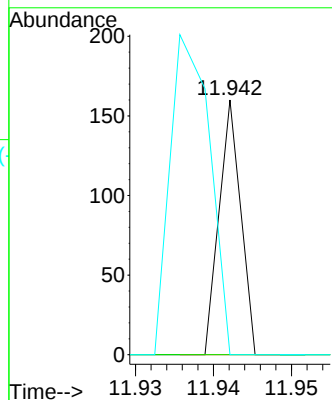
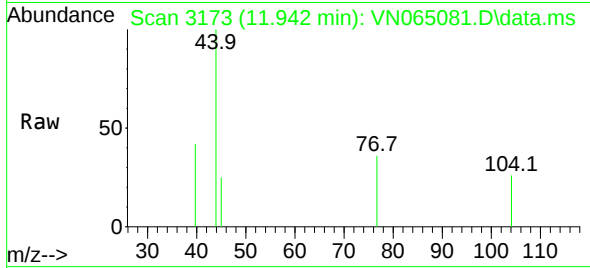




#70
Styrene
Concen: 1.85 ug/l
RT: 11.942 min Scan# 3173
Delta R.T. 0.006 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

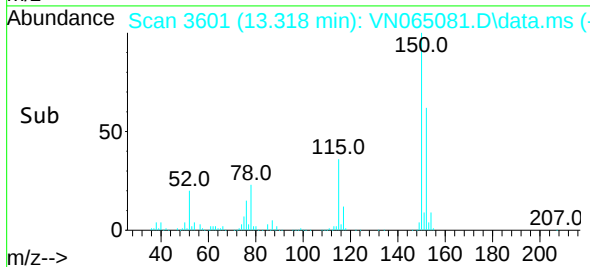
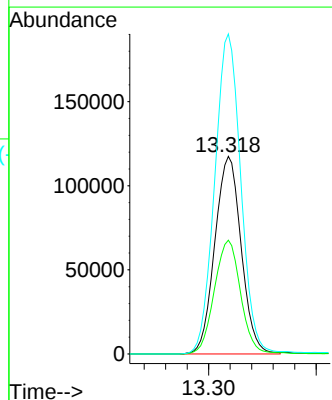
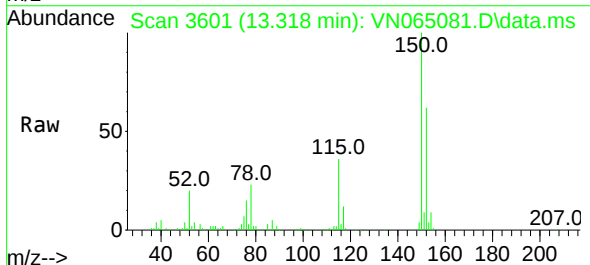
Instrument :
MSVOA_N
ClientSampled :

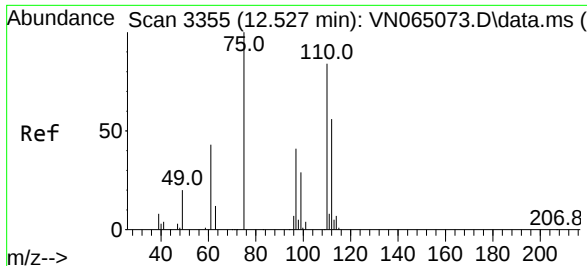
Tgt Ion:104 Resp: 31
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.6#
103 229.0 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

Tgt Ion:152 Resp: 199967
Ion Ratio Lower Upper
152 100
115 57.4 29.7 89.1
150 160.8 0.0 350.6

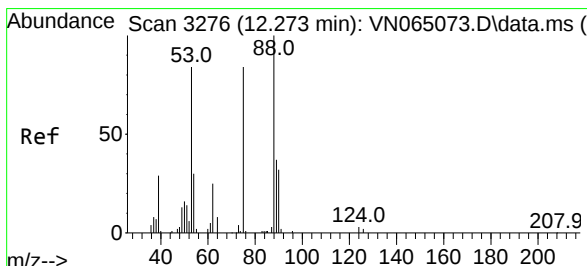
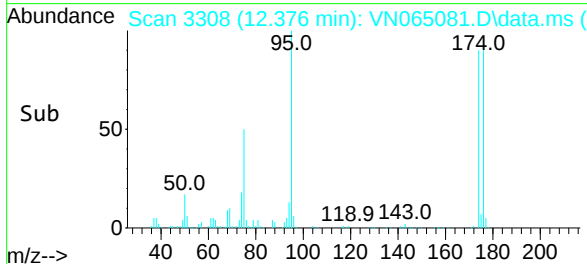
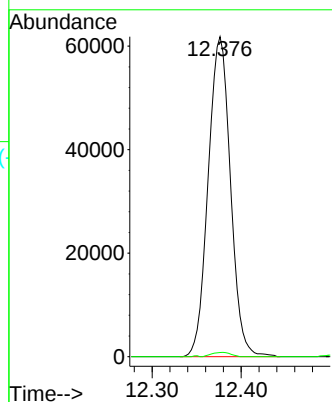
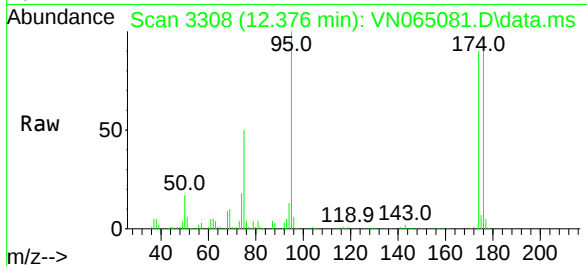




#76
1,2,3-Trichloropropane
Concen: 29.05 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

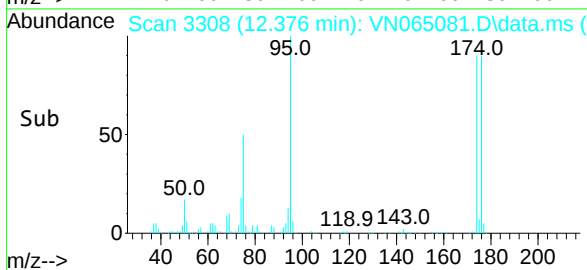
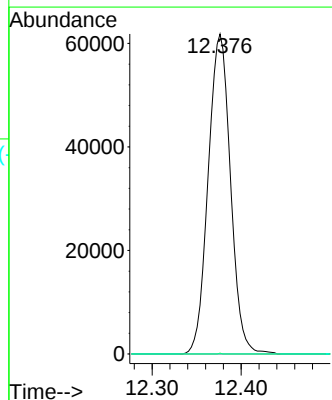
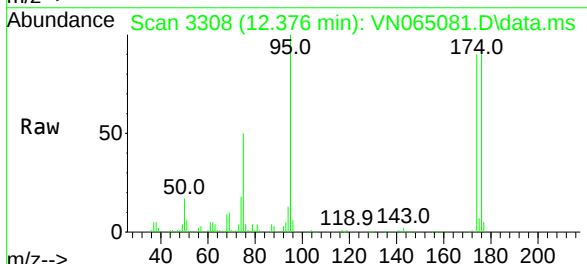
Instrument :
MSVOA_N
ClientSampled :

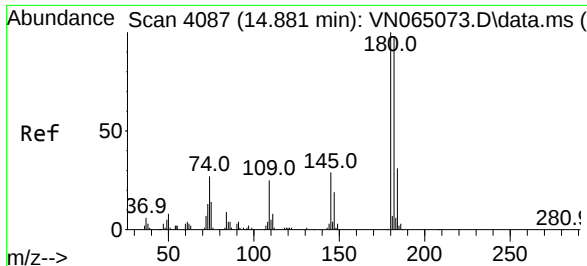
Tgt Ion: 75 Resp: 107469
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.85 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

Tgt Ion: 75 Resp: 107469
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

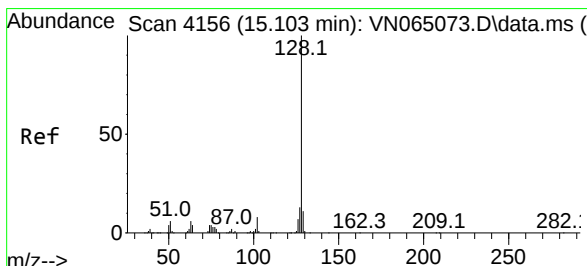
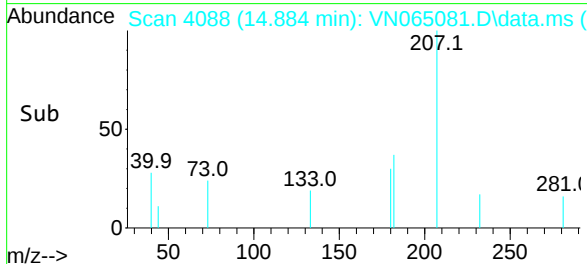
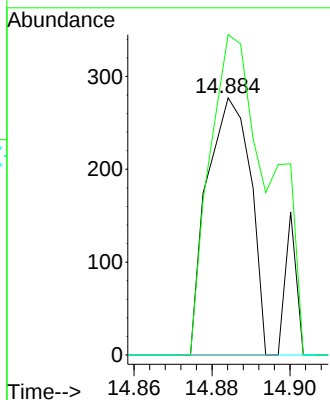
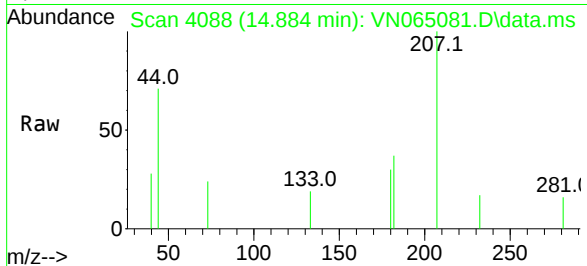




#93
1,2,4-Trichlorobenzene
Concen: 4.18 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

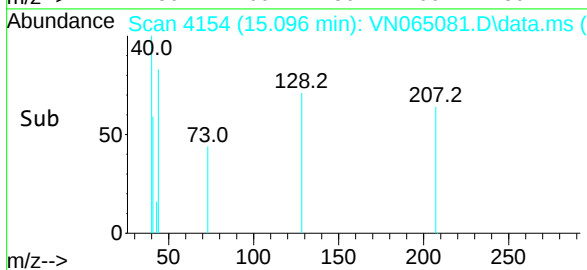
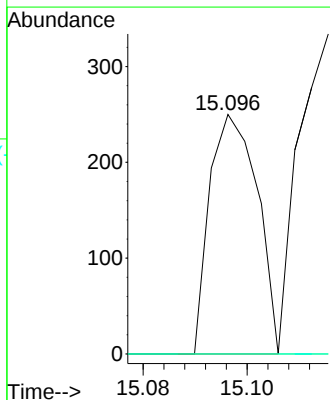
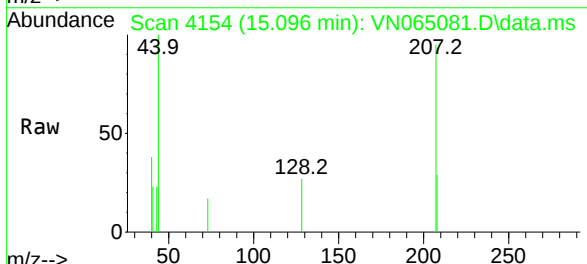
Instrument :
MSVOA_N
ClientSampled :

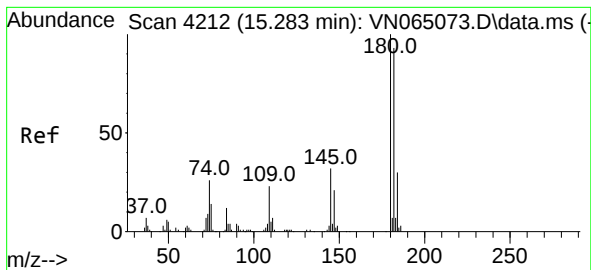
Tgt Ion:180 Resp: 214
Ion Ratio Lower Upper
180 100
182 173.4 47.6 142.9#
145 0.0 15.3 45.8#



#95
Naphthalene
Concen: 4.76 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.007 min
Lab File: VN065081.D
Acq: 11 Dec 2020 20:03

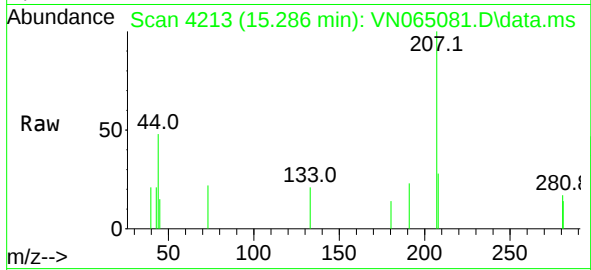
Tgt Ion:128 Resp: 159
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.61 ug/l
 RT: 15.286 min Scan# 4213
 Delta R.T. 0.003 min
 Lab File: VN065081.D
 Acq: 11 Dec 2020 20:03

Instrument :
 MSVOA_N
 ClientSampled :



Tgt Ion:180 Resp: 92
 Ion Ratio Lower Upper
 180 100
 182 195.7 48.1 144.4#
 145 0.0 16.4 49.1#

