

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065663.D
 Acq On : 28 Jan 2021 20:45
 Operator : JC/MD
 Sample : M1255-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CRT-13

Quant Time: Jan 29 01:26:56 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)

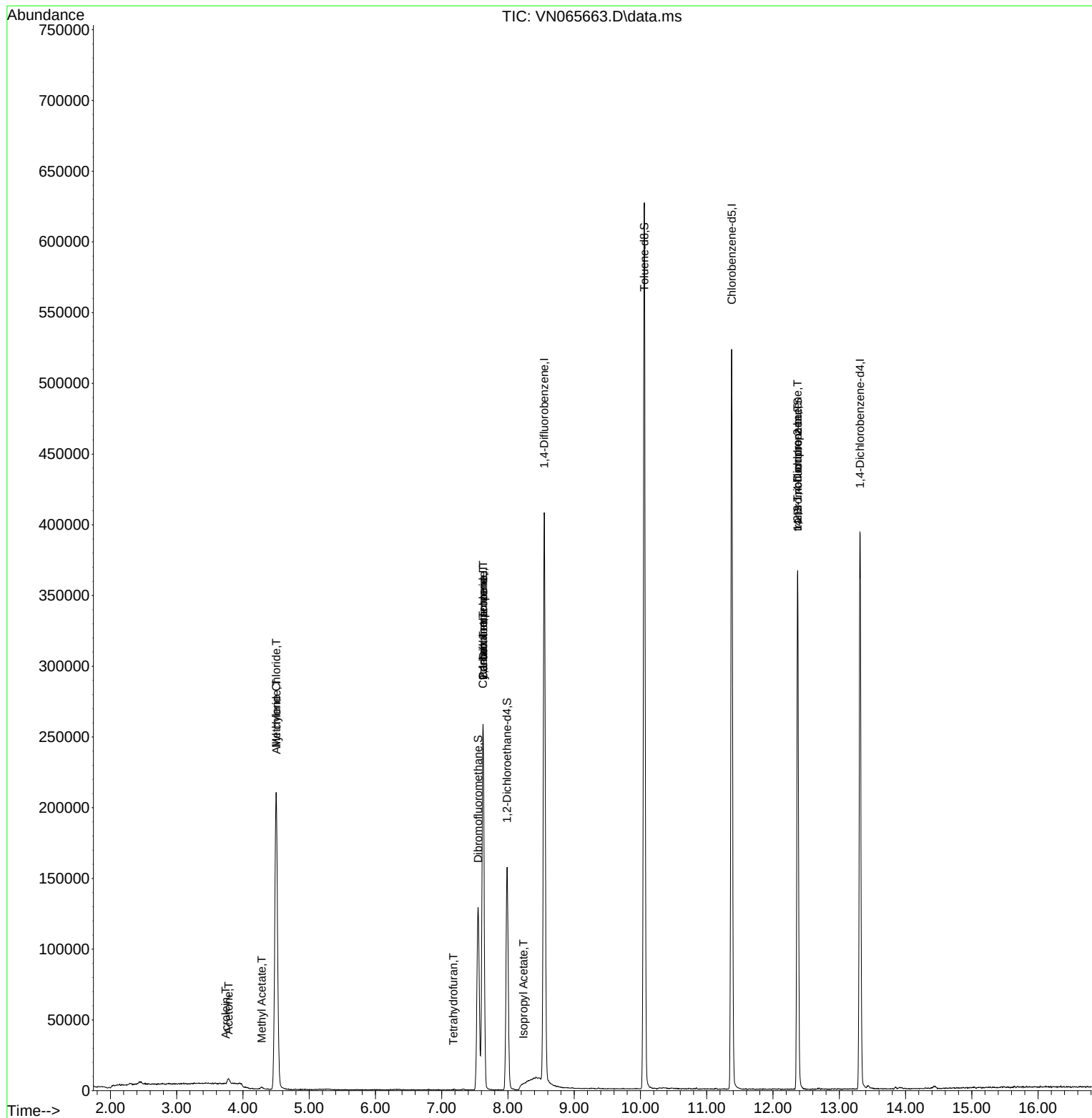
Internal Standards						
1) Pentafluorobenzene	7.624	168	211027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	367482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	318360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	113587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	131615	47.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.82%
35) Dibromofluoromethane	7.550	113	105770	48.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.14%
50) Toluene-d8	10.058	98	453717	53.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.00%
62) 4-Bromofluorobenzene	12.373	95	147647	47.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.80%
Target Compounds						
					Qvalue	
13) Acrolein	3.740	56	29	18.15	ug/l #	1
14) Allyl chloride	4.505	41	6547	1.37	ug/l #	25
16) Acetone	3.782	43	5694	5.27	ug/l	93
18) Methyl Acetate	4.283	43	1055	0.35	ug/l	97
20) Methylene Chloride	4.502	84	155508	51.96	ug/l	96
29) Tetrahydrofuran	7.177	42	328	0.27	ug/l #	32
31) Cyclohexane	7.621	56	4109	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17081	4.62	ug/l #	47
38) Carbon Tetrachloride	7.624	117	20188	6.63	ug/l #	17
43) Isopropyl Acetate	8.235	43	5686	0.90	ug/l #	53
76) 1,2,3-Trichloropropane	12.370	75	68823	23.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	68823	59.35	ug/l #	12

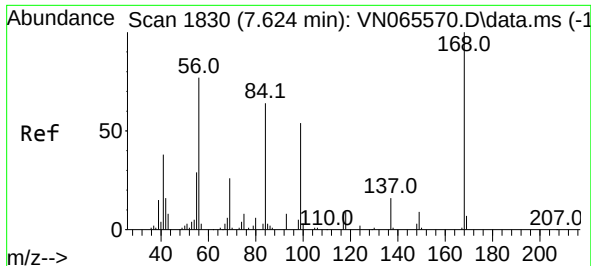
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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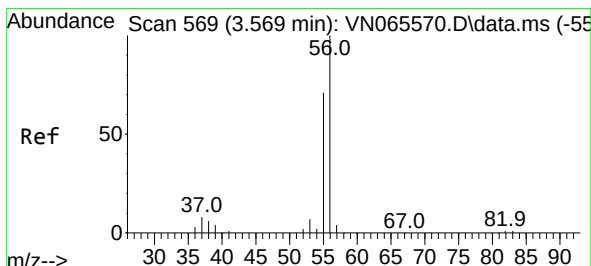
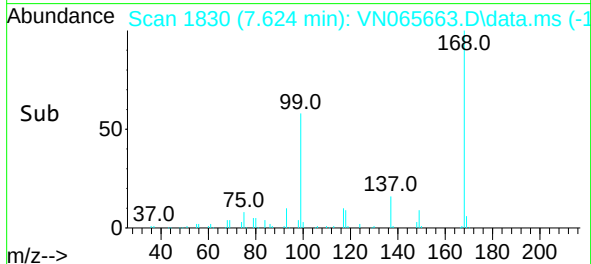
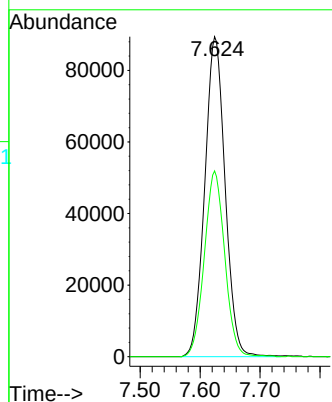
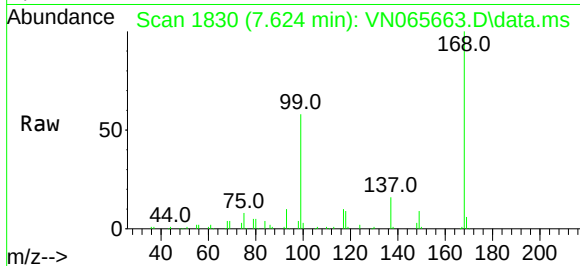




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

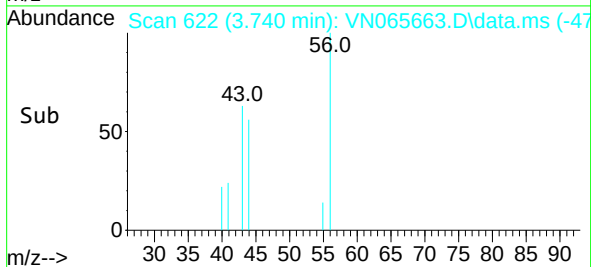
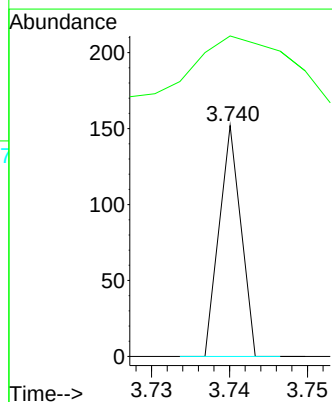
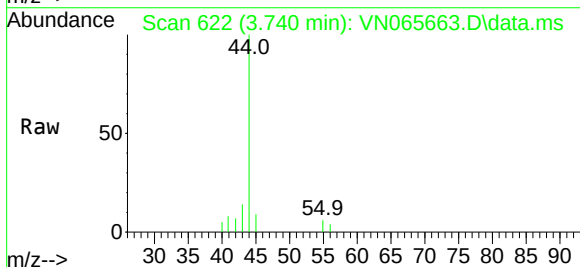
Instrument :
MSVOA_N
ClientSampled :
CRT-13

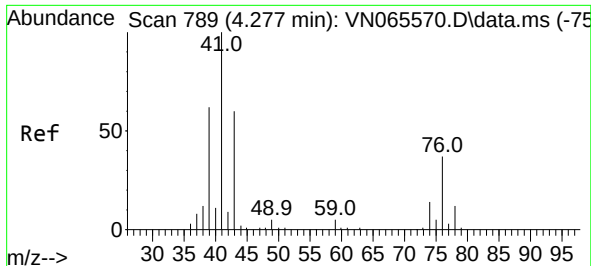
Tgt Ion:168 Resp: 211027
Ion Ratio Lower Upper
168 100
99 58.0 42.6 63.8



#13
Acrolein
Concen: 18.15 ug/l
RT: 3.740 min Scan# 622
Delta R.T. 0.171 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 620.7 56.0 84.0#

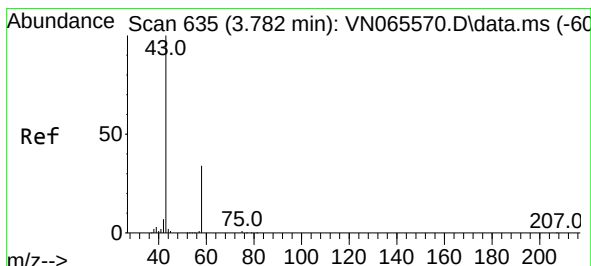
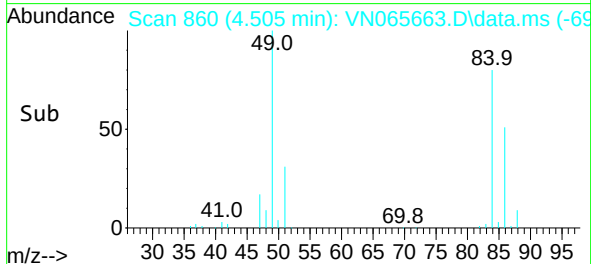
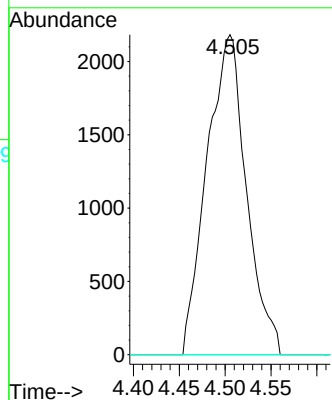
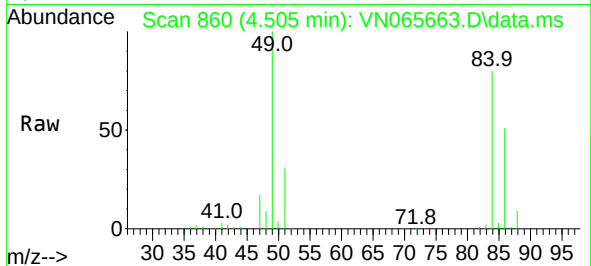




#14
 Allyl chloride
 Concen: 1.37 ug/l
 RT: 4.505 min Scan# 860
 Delta R.T. 0.228 min
 Lab File: VN065663.D
 Acq: 28 Jan 2021 20:45

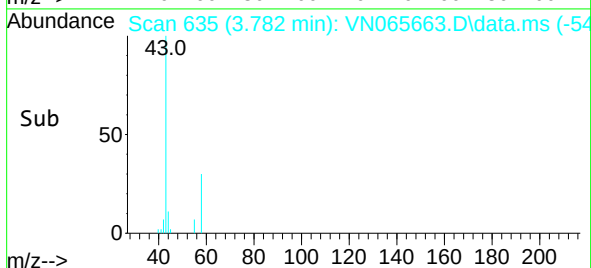
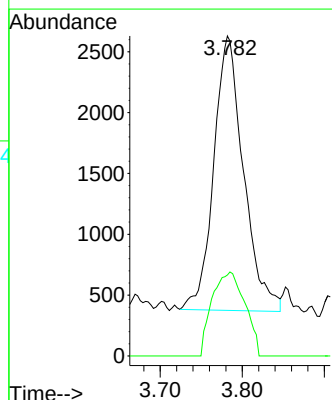
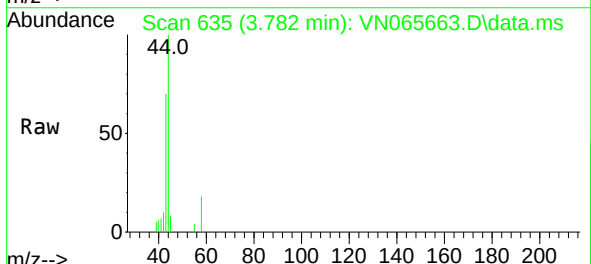
Instrument :
 MSVOA_N
 ClientSampled :
 CRT-13

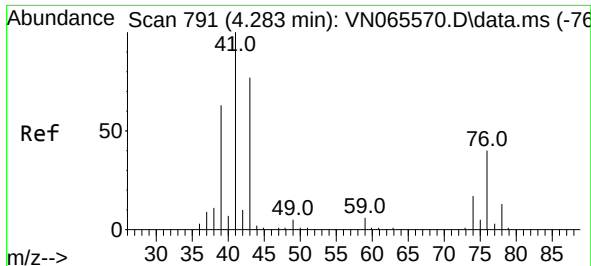
Tgt Ion: 41 Resp: 6547
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.0 79.4#
 76 0.0 28.9 43.3#



#16
 Acetone
 Concen: 5.27 ug/l
 RT: 3.782 min Scan# 635
 Delta R.T. -0.000 min
 Lab File: VN065663.D
 Acq: 28 Jan 2021 20:45

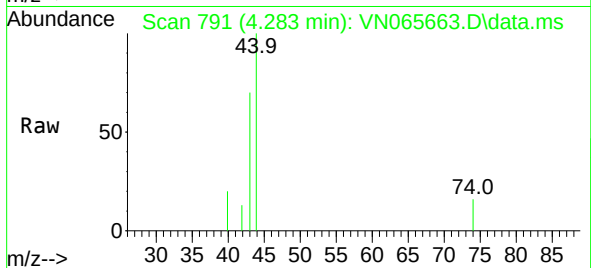
Tgt Ion: 43 Resp: 5694
 Ion Ratio Lower Upper
 43 100
 58 29.6 27.0 40.6



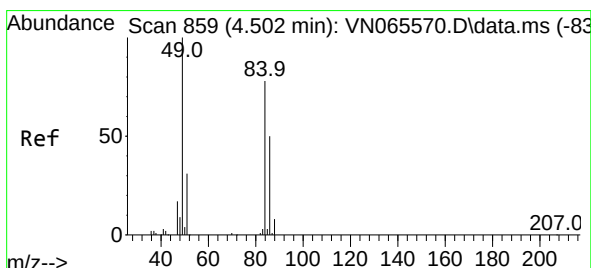
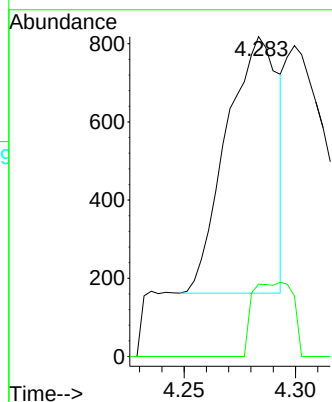
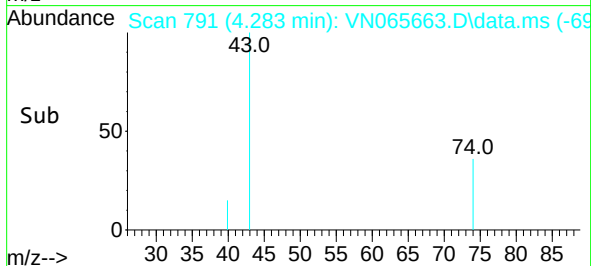


#18
Methyl Acetate
Concen: 0.35 ug/l
RT: 4.283 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

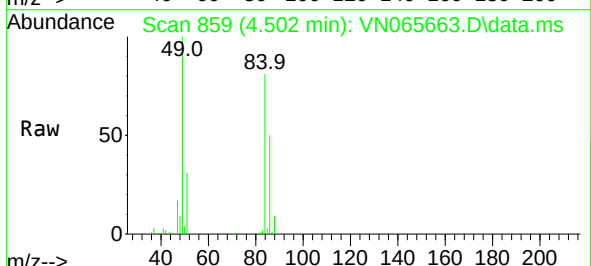
Instrument :
MSVOA_N
ClientSampled :
CRT-13



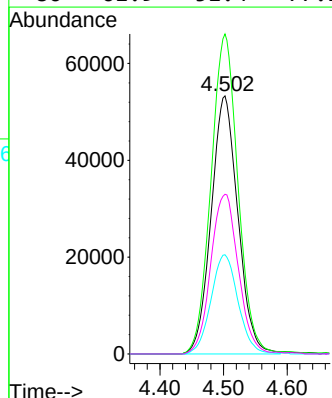
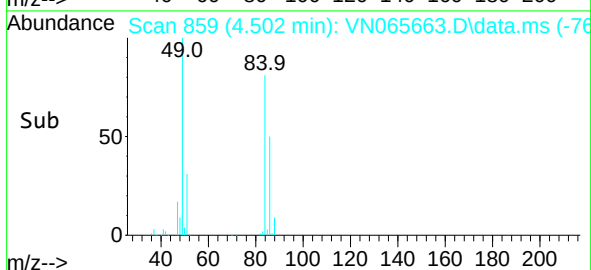
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
74 22.7 19.5 29.3

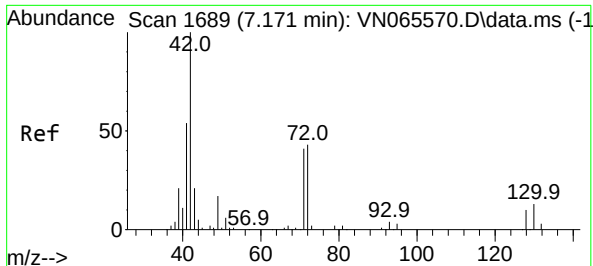


#20
Methylene Chloride
Concen: 51.96 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45



Tgt Ion: 84 Resp: 155508
Ion Ratio Lower Upper
84 100
49 124.0 94.6 141.8
51 38.4 29.9 44.9
86 61.9 51.4 77.2





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 7.177 min Scan# 1691

Delta R.T. 0.006 min

Lab File: VN065663.D

Acq: 28 Jan 2021 20:45

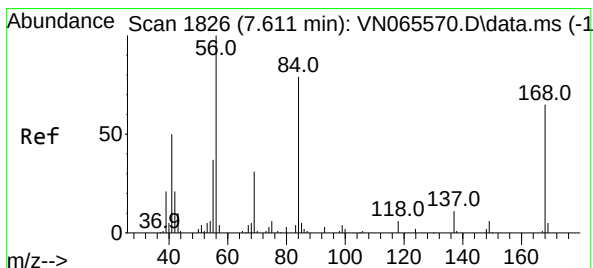
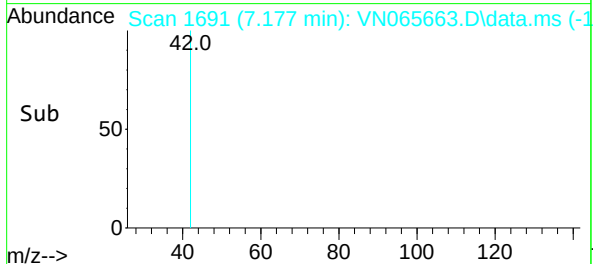
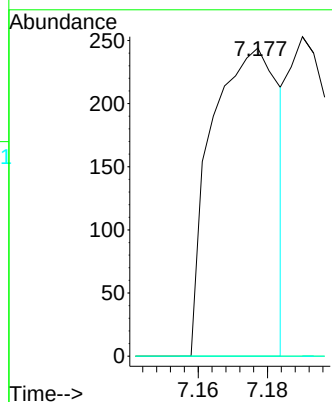
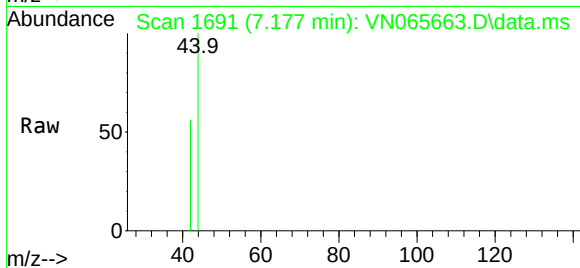
Tgt Ion: 42 Resp: 328

Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

71 0.0 34.3 51.5#



#31

Cyclohexane

Concen: 0.79 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. 0.010 min

Lab File: VN065663.D

Acq: 28 Jan 2021 20:45

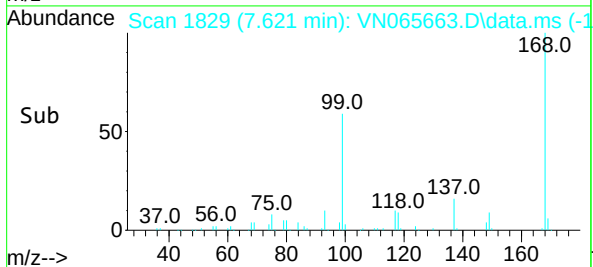
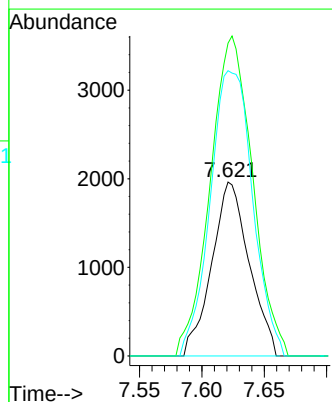
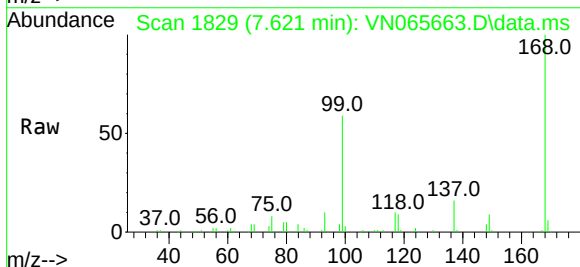
Tgt Ion: 56 Resp: 4109

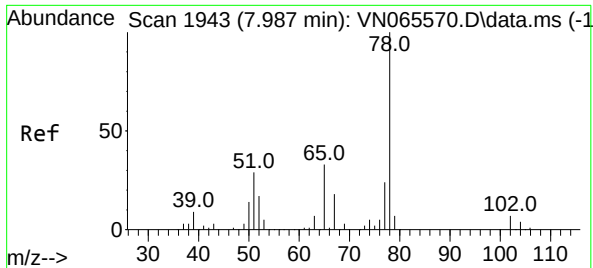
Ion Ratio Lower Upper

56 100

69 169.5 26.6 39.8#

84 164.0 70.4 105.6#

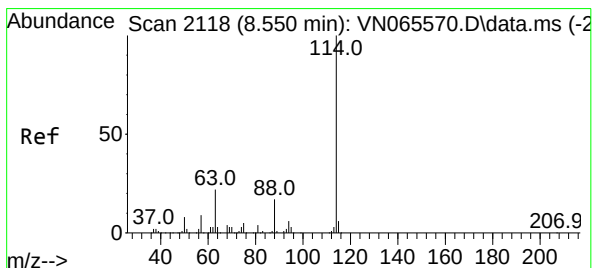
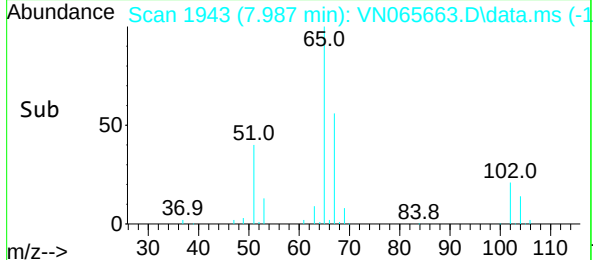
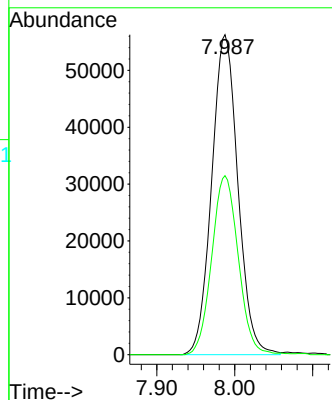
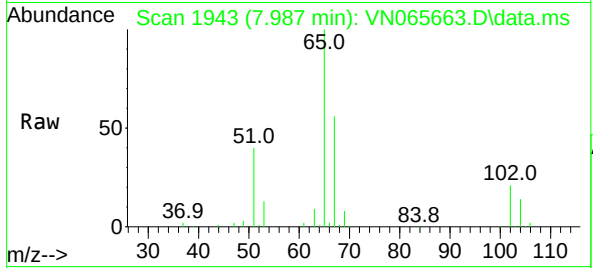




#33
1,2-Dichloroethane-d4
Concen: 47.41 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

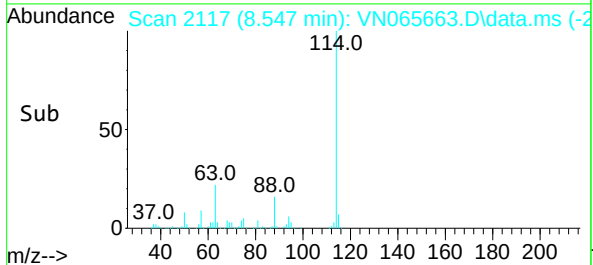
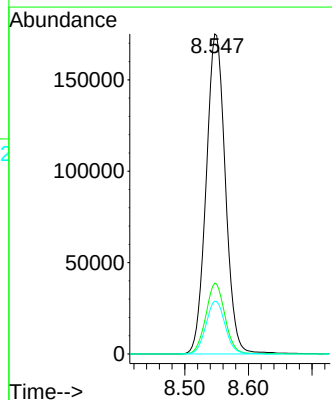
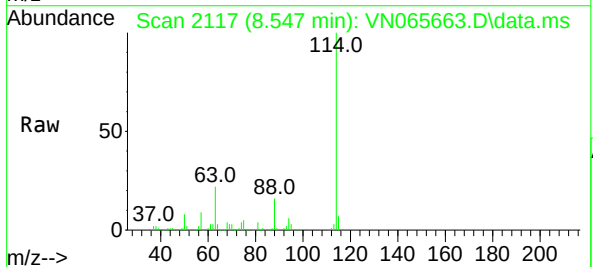
Instrument :
MSVOA_N
ClientSampleId :
CRT-13

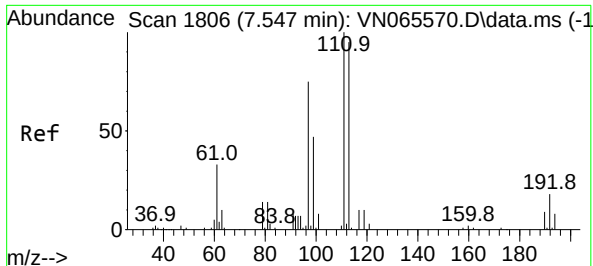
Tgt Ion: 65 Resp: 131615
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

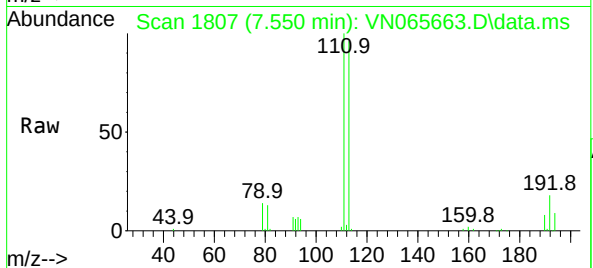
Tgt Ion: 114 Resp: 367482
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.6
88 16.5 0.0 30.6



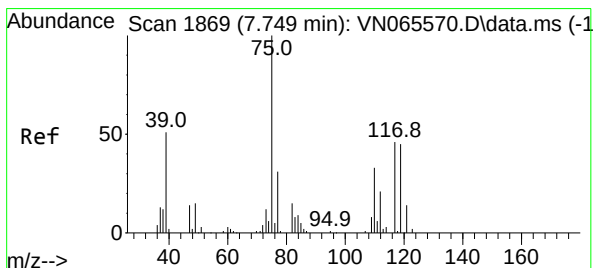
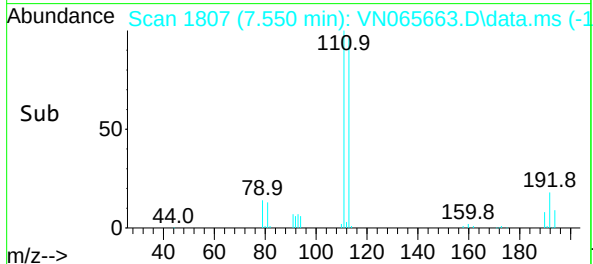
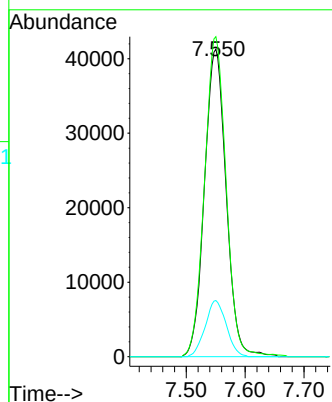


#35
Dibromofluoromethane
Concen: 48.57 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

Instrument :
MSVOA_N
ClientSampled :
CRT-13

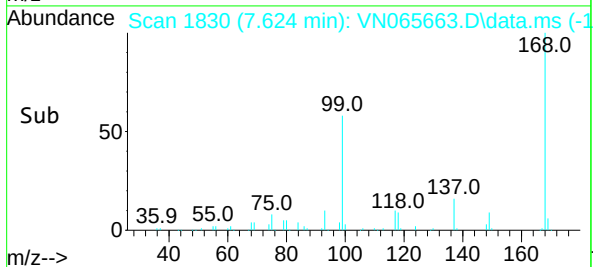
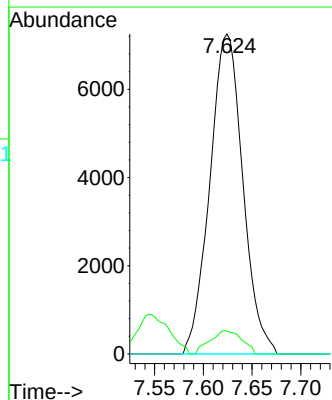
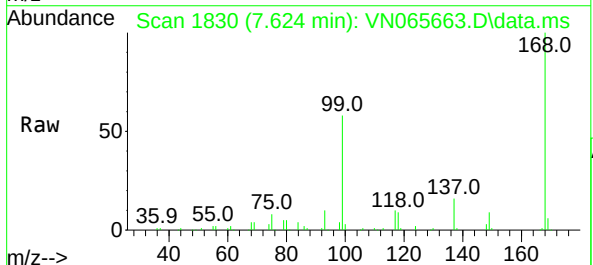


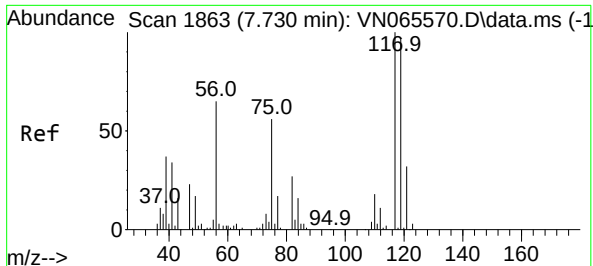
Tgt Ion:113 Resp: 105770
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

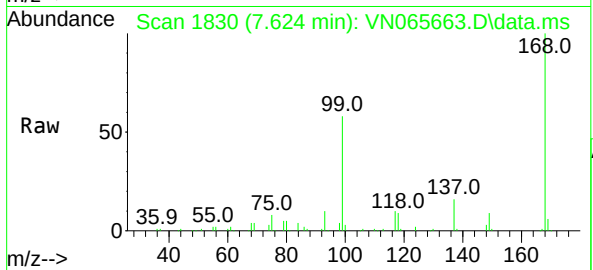
Tgt Ion: 75 Resp: 17081
Ion Ratio Lower Upper
75 100
110 7.0 18.2 54.6#
77 0.0 24.9 37.3#



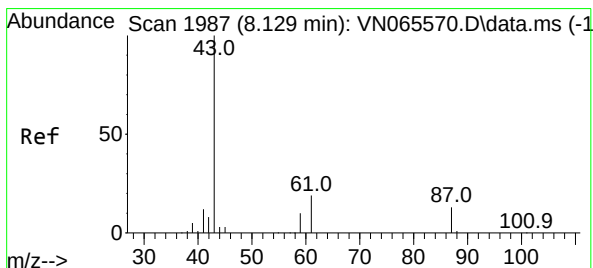
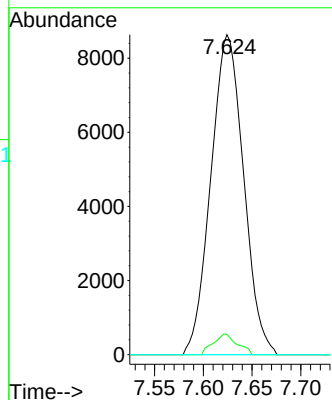
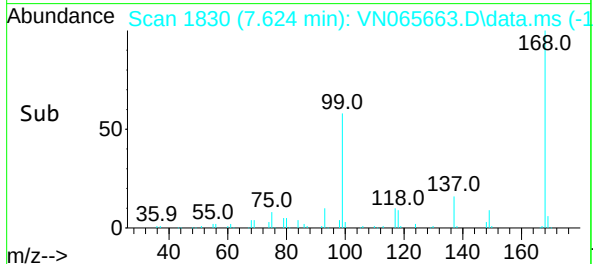


#38
Carbon Tetrachloride
Concen: 6.63 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

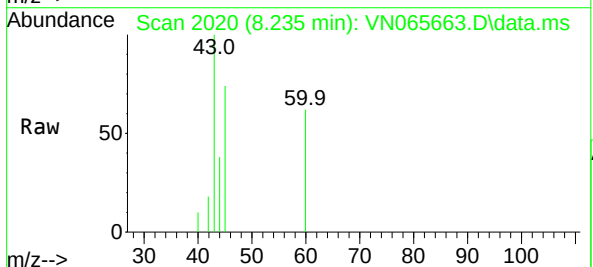
Instrument :
MSVOA_N
ClientSampled :
CRT-13



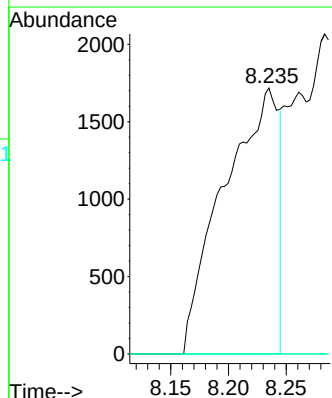
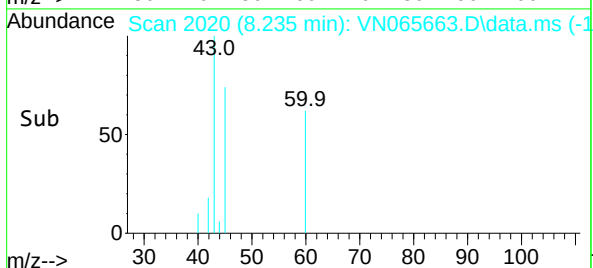
Tgt Ion:117 Resp: 20188
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.5 36.7#

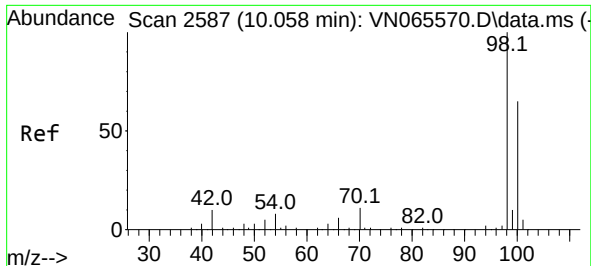


#43
Isopropyl Acetate
Concen: 0.90 ug/l
RT: 8.235 min Scan# 2020
Delta R.T. 0.106 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45



Tgt Ion: 43 Resp: 5686
Ion Ratio Lower Upper
43 100
61 0.0 22.5 33.7#
87 0.0 11.1 16.7#

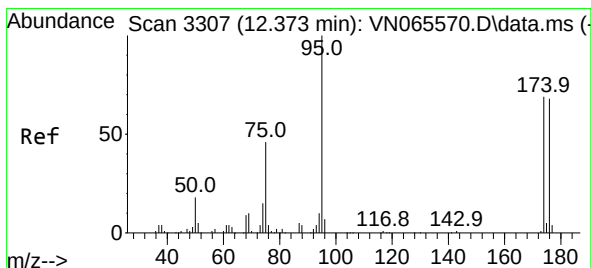
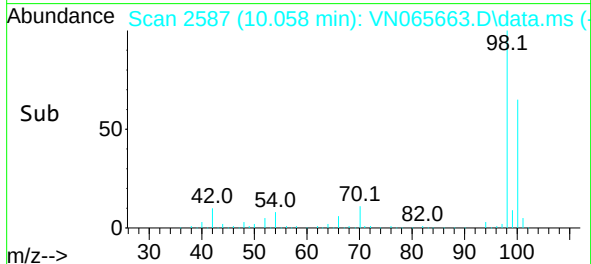
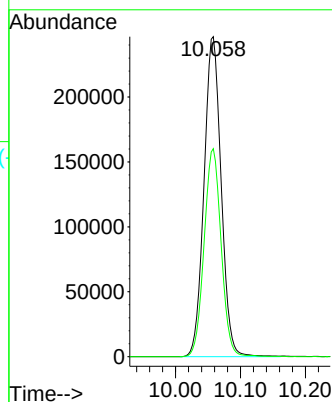
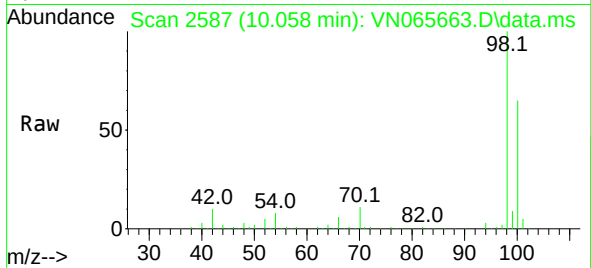




#50
Toluene-d8
Concen: 53.00 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

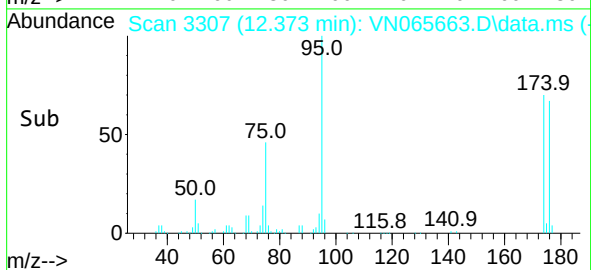
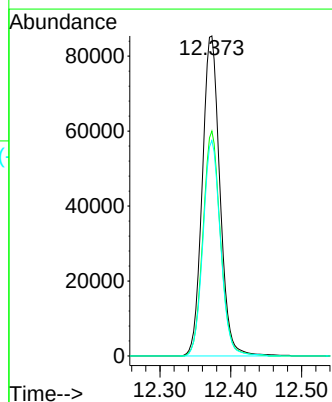
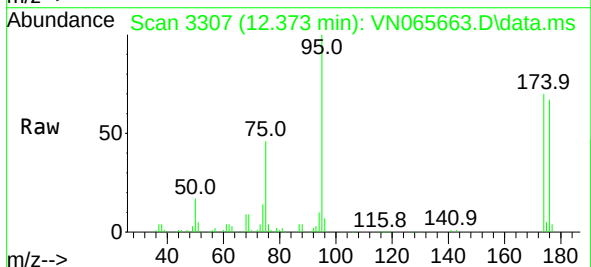
Instrument :
MSVOA_N
ClientSampled :
CRT-13

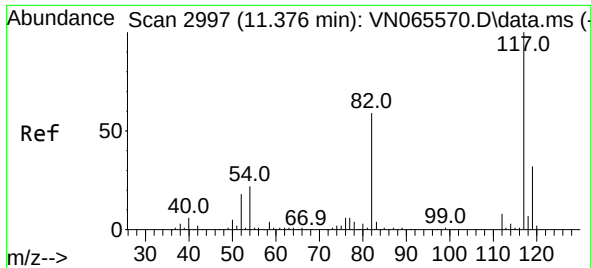
Tgt Ion: 98 Resp: 453717
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.90 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

Tgt Ion: 95 Resp: 147647
Ion Ratio Lower Upper
95 100
174 69.7 0.0 169.0
176 66.8 0.0 162.4

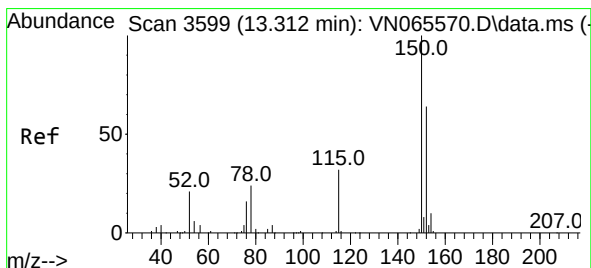
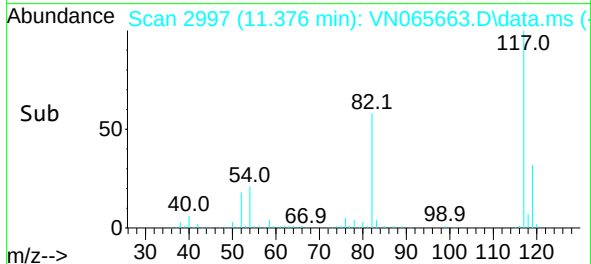
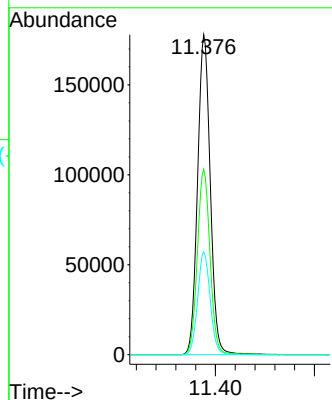
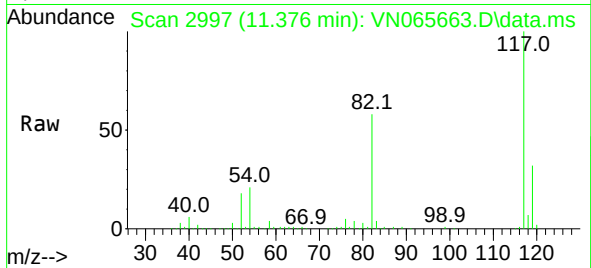




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

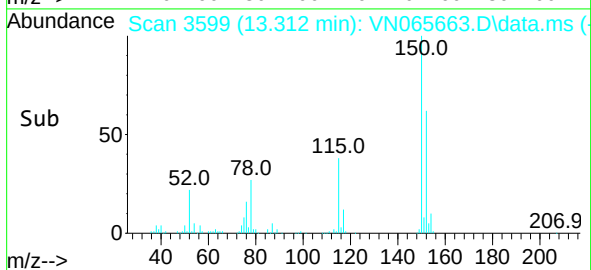
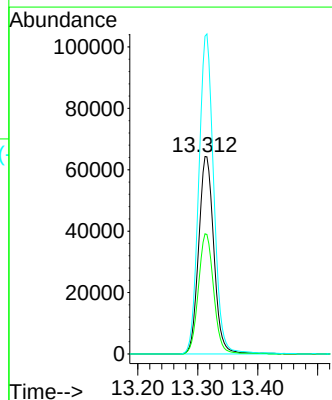
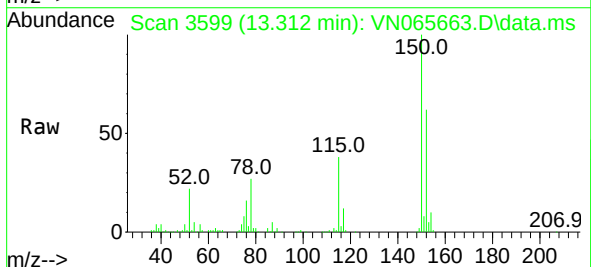
Instrument :
MSVOA_N
ClientSampleId :
CRT-13

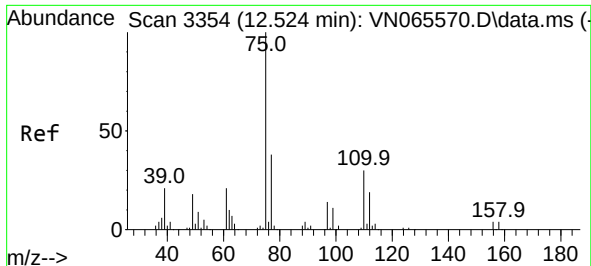
Tgt Ion:117 Resp: 318360
Ion Ratio Lower Upper
117 100
82 57.9 43.7 65.5
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

Tgt Ion:152 Resp: 113587
Ion Ratio Lower Upper
152 100
115 60.8 28.5 85.6
150 159.4 0.0 347.6

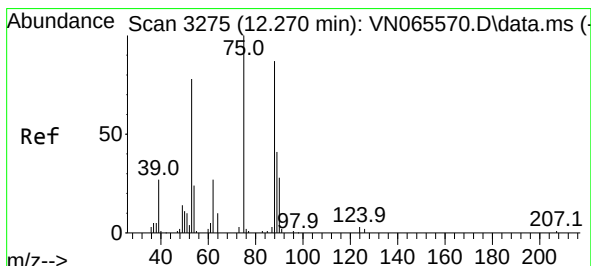
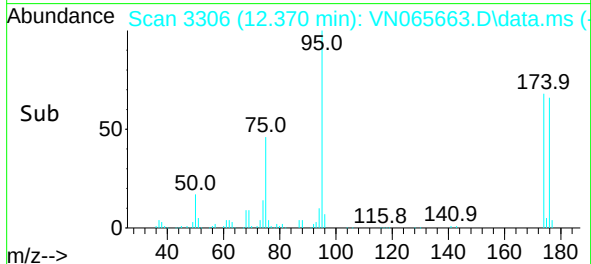
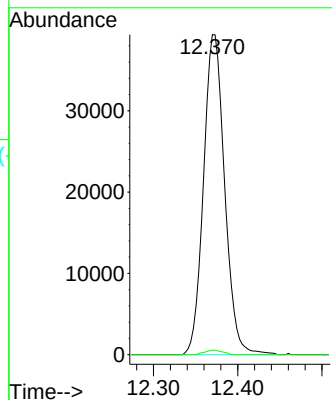
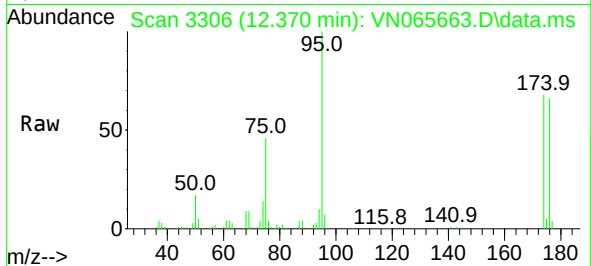




#76
1,2,3-Trichloropropane
Concen: 23.17 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

Instrument :
MSVOA_N
ClientSampled :
CRT-13

Tgt Ion: 75 Resp: 68823
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.35 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065663.D
Acq: 28 Jan 2021 20:45

Tgt Ion: 75 Resp: 68823
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

