

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065601.D
 Acq On : 26 Jan 2021 14:00
 Operator : JC/MD
 Sample : M1221-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 27 03:28:00 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)

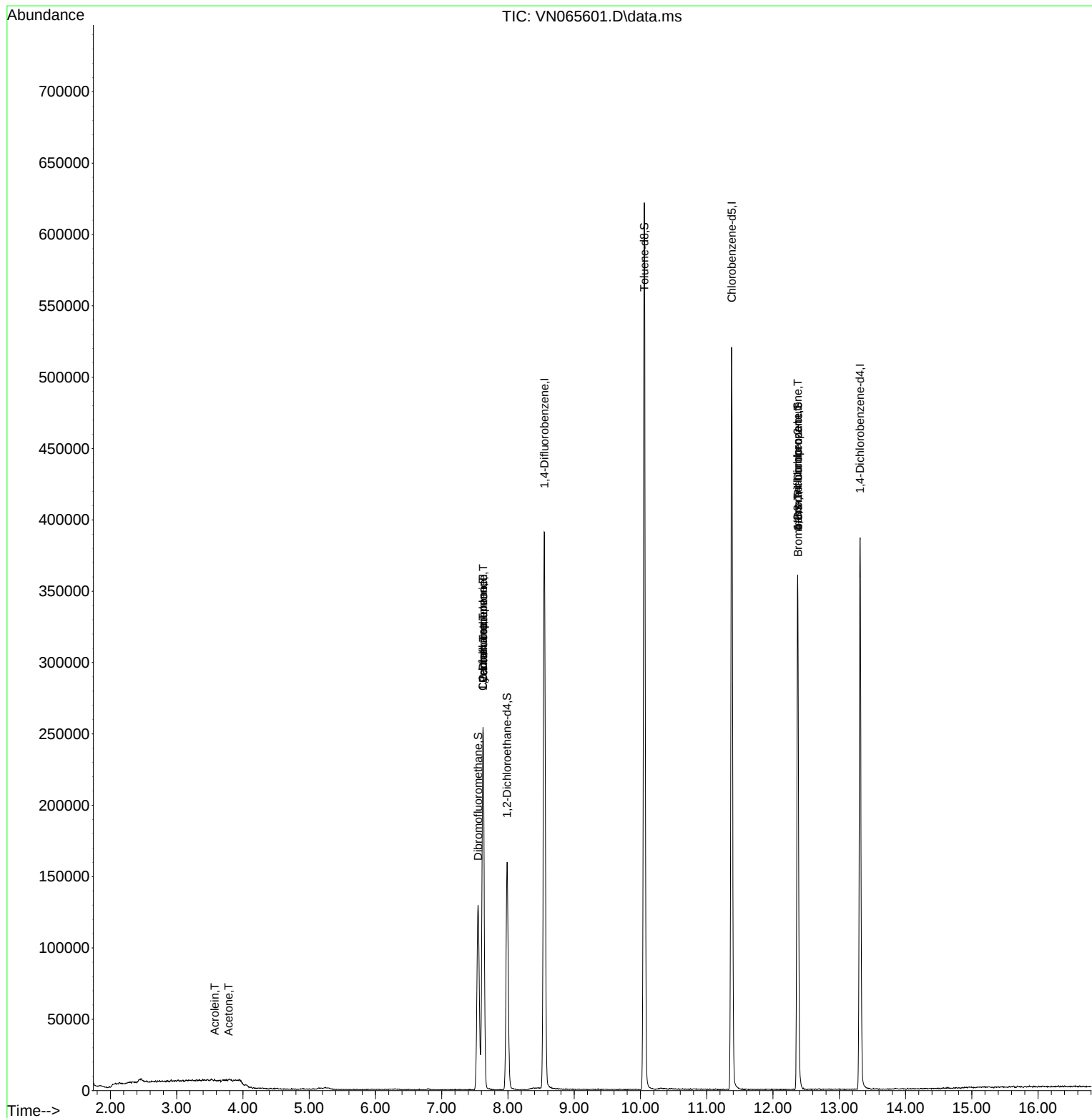
Internal Standards						
1) Pentafluorobenzene	7.624	168	207046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	360874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	310778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	110329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	132462	48.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.26%
35) Dibromofluoromethane	7.550	113	106793	49.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.88%
50) Toluene-d8	10.058	98	447751	53.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.52%
62) 4-Bromofluorobenzene	12.373	95	147357	48.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.36%
Target Compounds						
					Qvalue	
13) Acrolein	3.573	56	265	18.64	ug/l #	50
16) Acetone	3.782	43	1729	1.63	ug/l	97
31) Cyclohexane	7.621	56	4419	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	16925	4.66	ug/l #	47
38) Carbon Tetrachloride	7.624	117	20063	6.71	ug/l #	16
71) Bromoform	12.376	173	545	0.34	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	68589	23.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	68589	60.89	ug/l #	12

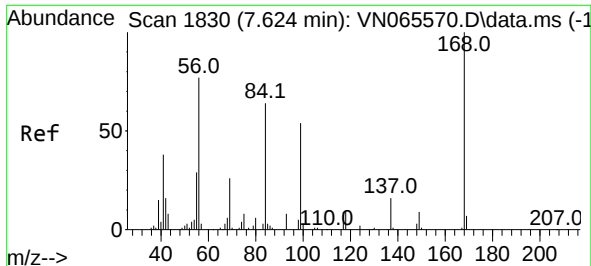
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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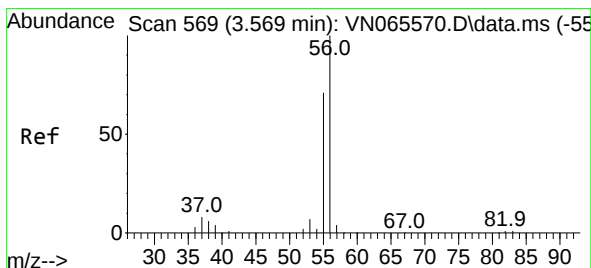
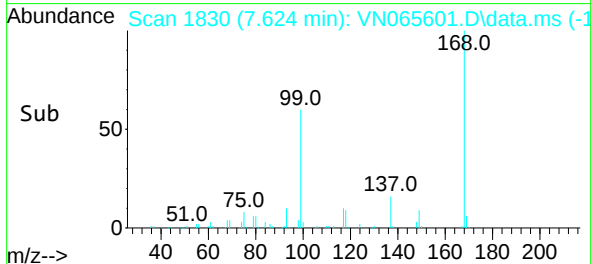
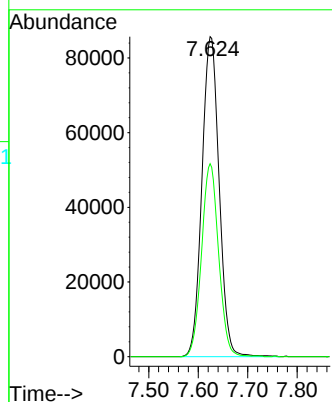
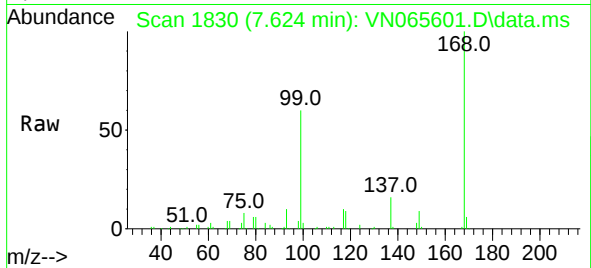




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

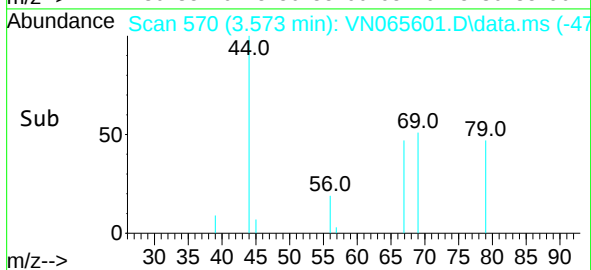
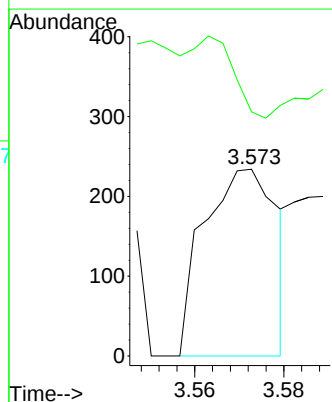
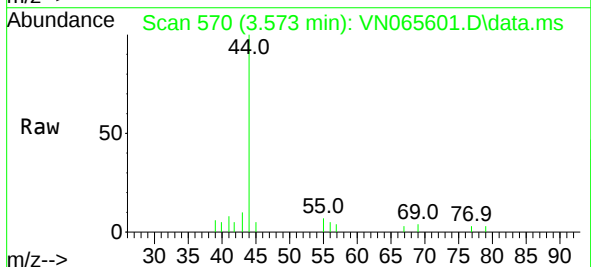
Instrument :
MSVOA_N
ClientSampled :

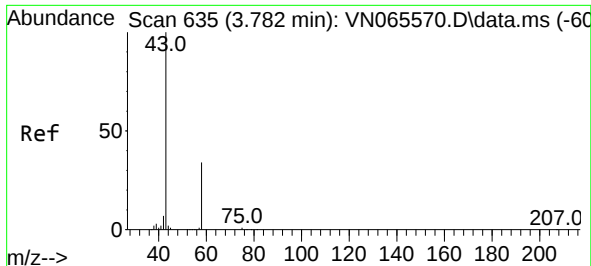
Tgt Ion:168 Resp: 207046
Ion Ratio Lower Upper
168 100
99 60.3 42.6 63.8



#13
Acrolein
Concen: 18.64 ug/l
RT: 3.573 min Scan# 570
Delta R.T. 0.004 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

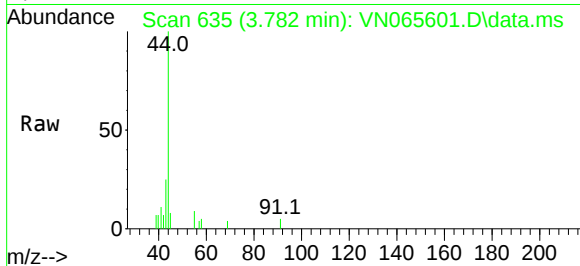
Tgt Ion: 56 Resp: 265
Ion Ratio Lower Upper
56 100
55 29.1 56.0 84.0#



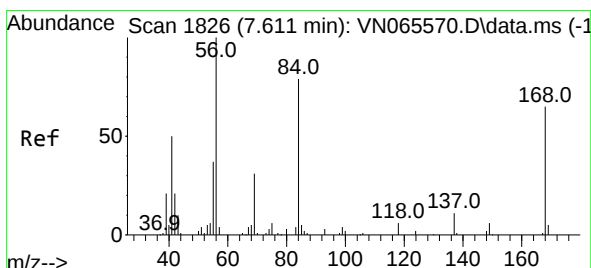
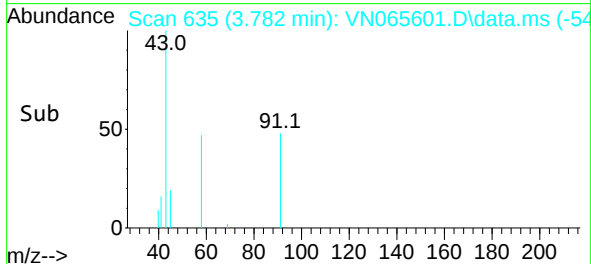
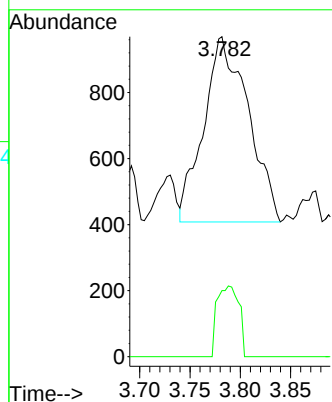


#16
Acetone
Concen: 1.63 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

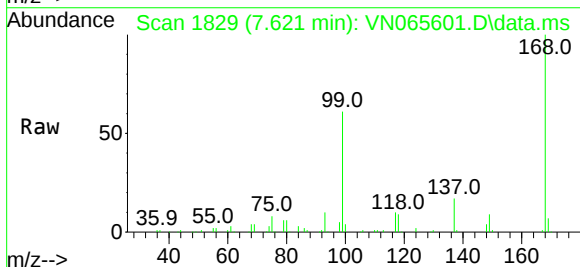
Instrument :
MSVOA_N
ClientSampled :



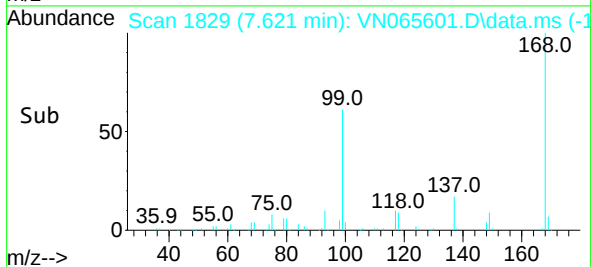
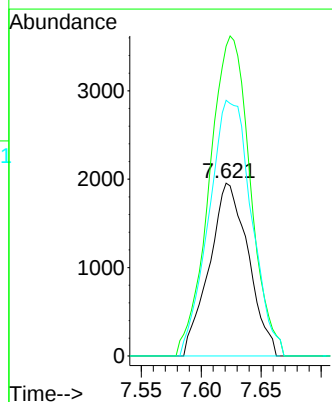
Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
58 35.7 27.0 40.6

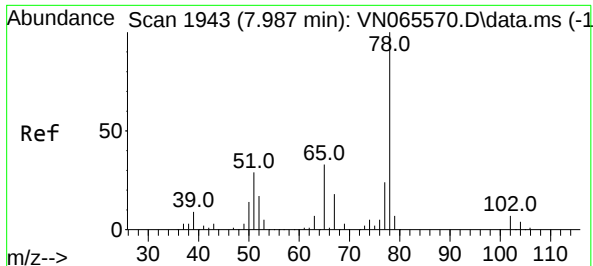


#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00



Tgt Ion: 56 Resp: 4419
Ion Ratio Lower Upper
56 100
69 170.4 26.6 39.8#
84 147.9 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 48.63 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065601.D

Acq: 26 Jan 2021 14:00

Tgt Ion: 65 Resp: 132462

Ion Ratio Lower Upper

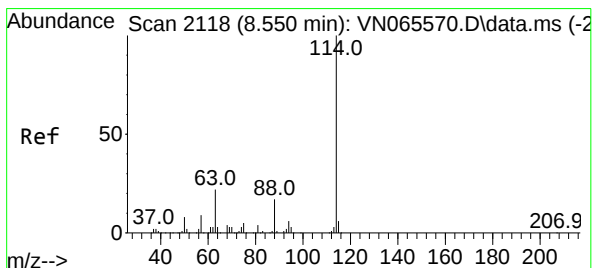
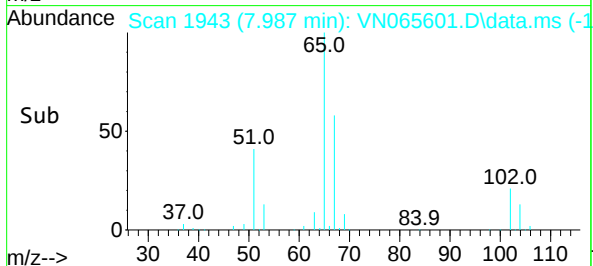
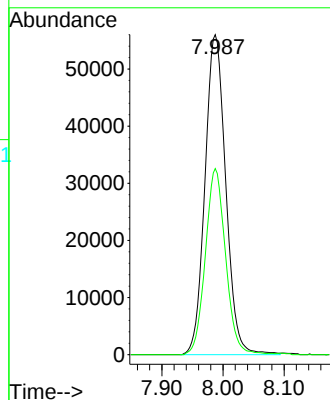
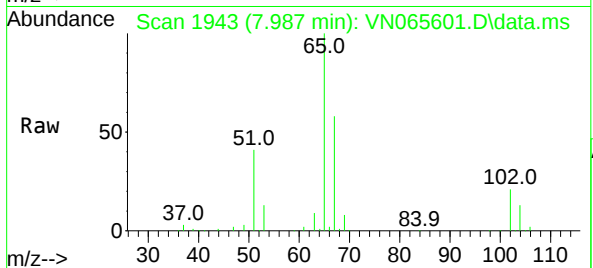
65 100

67 56.4 0.0 107.2

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: VN065601.D

Acq: 26 Jan 2021 14:00

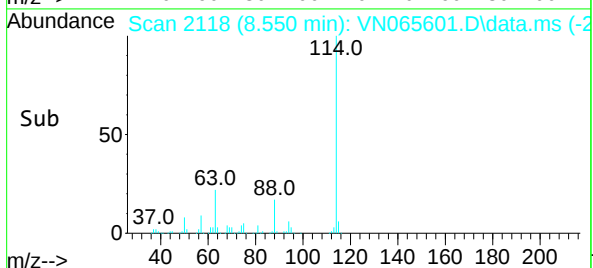
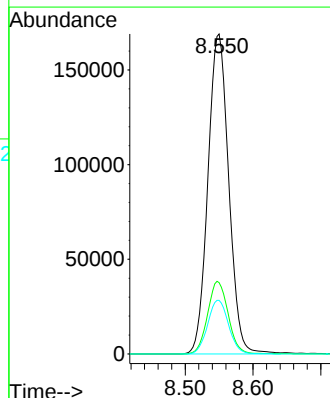
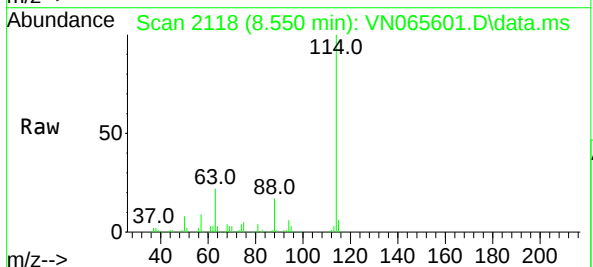
Tgt Ion: 114 Resp: 360874

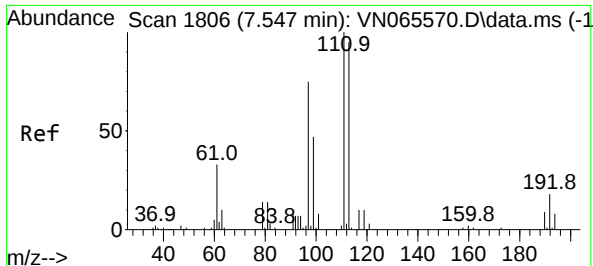
Ion Ratio Lower Upper

114 100

63 22.3 0.0 38.6

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.94 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065601.D

Acq: 26 Jan 2021 14:00

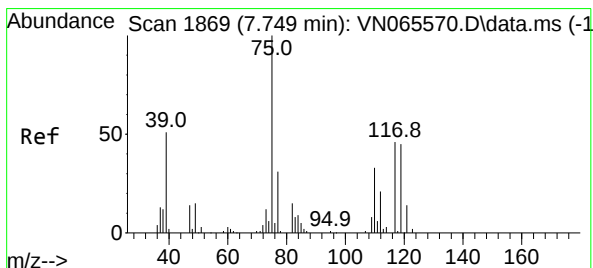
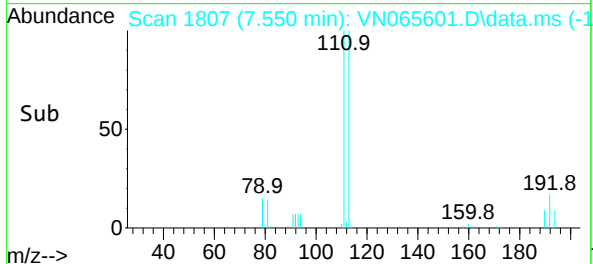
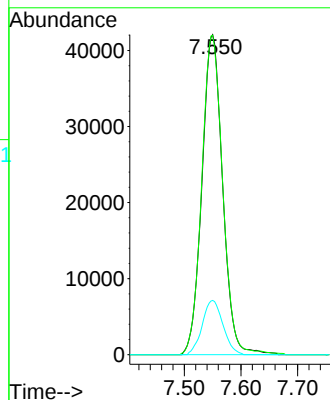
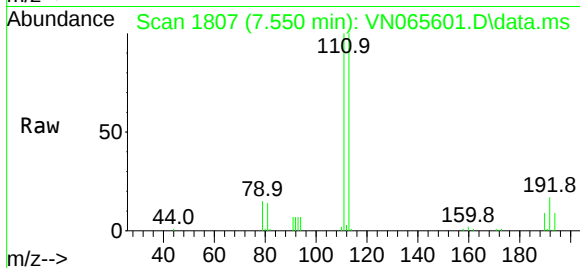
Tgt Ion:113 Resp: 106793

Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.2

192 17.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.128 min

Lab File: VN065601.D

Acq: 26 Jan 2021 14:00

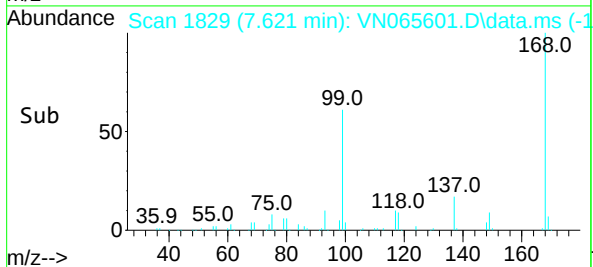
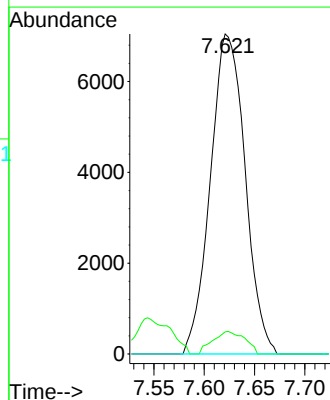
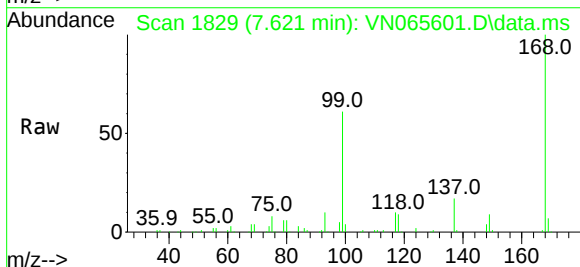
Tgt Ion: 75 Resp: 16925

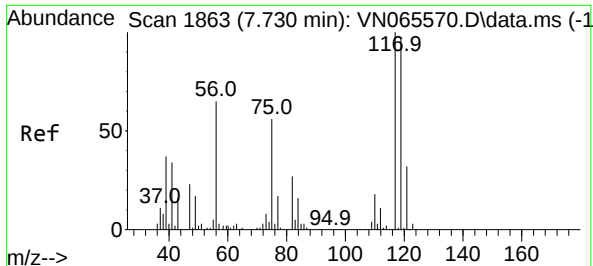
Ion Ratio Lower Upper

75 100

110 6.5 18.2 54.6#

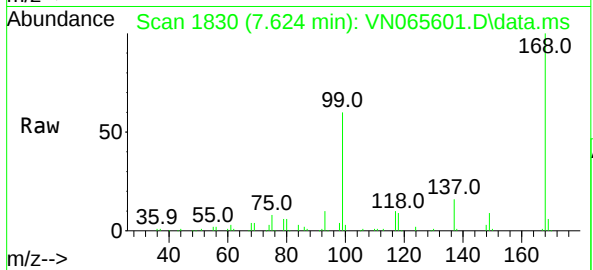
77 0.0 24.9 37.3#



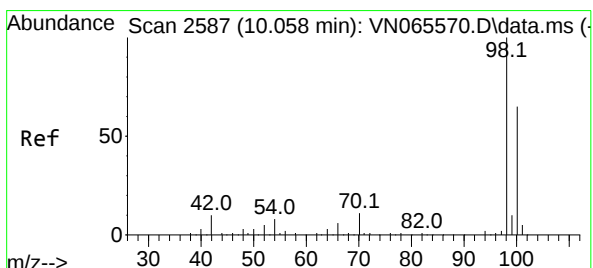
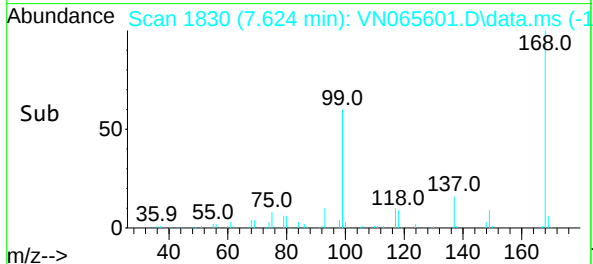
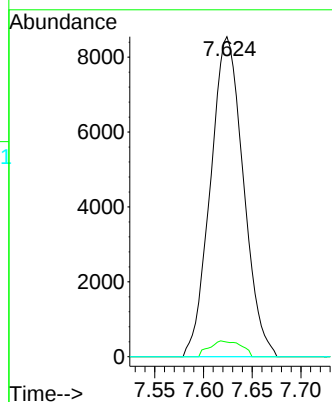


#38
Carbon Tetrachloride
Concen: 6.71 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

Instrument :
MSVOA_N
ClientSampled :

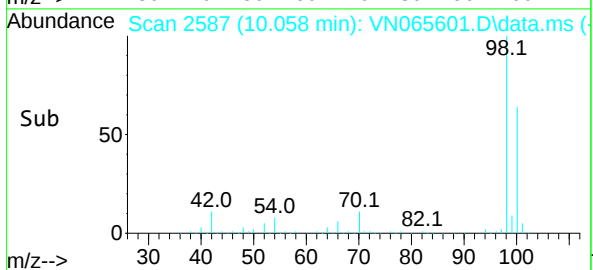
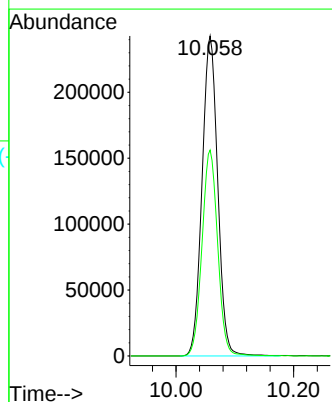
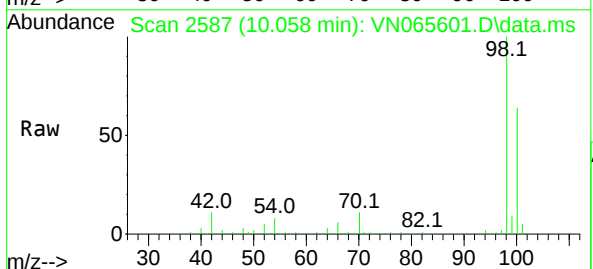


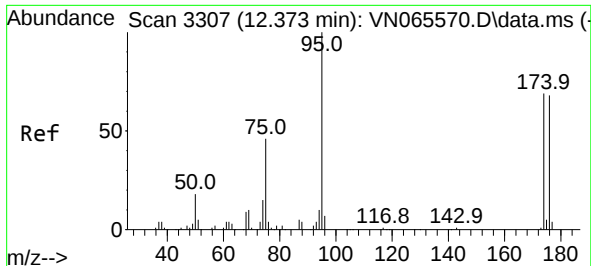
Tgt Ion:117 Resp: 20063
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.26 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

Tgt Ion: 98 Resp: 447751
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

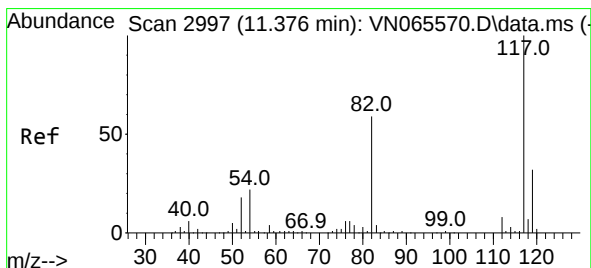
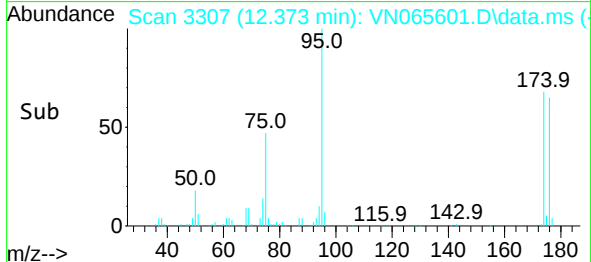
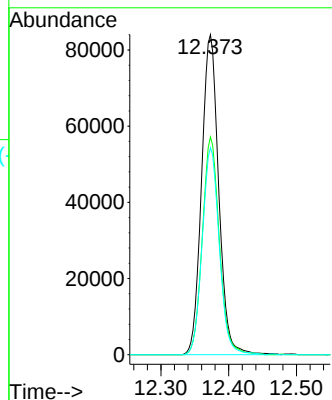
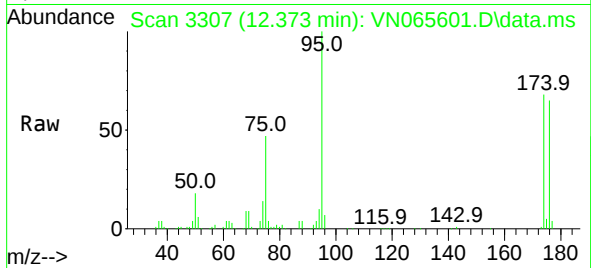




#62
4-Bromofluorobenzene
Concen: 48.68 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

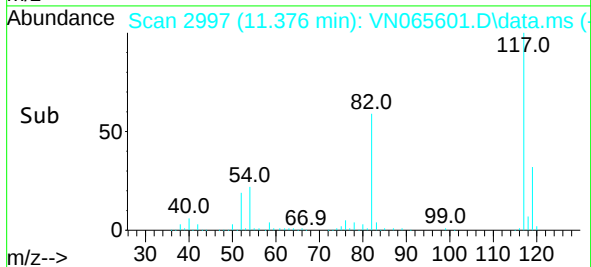
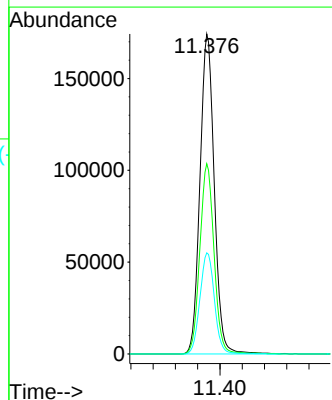
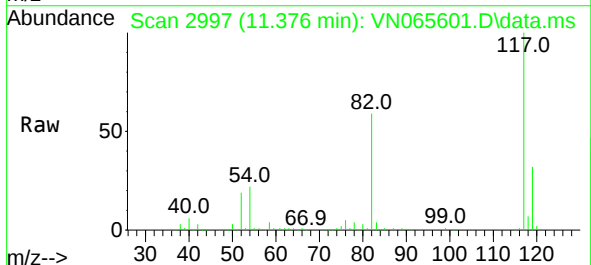
Instrument :
MSVOA_N
ClientSampleId :

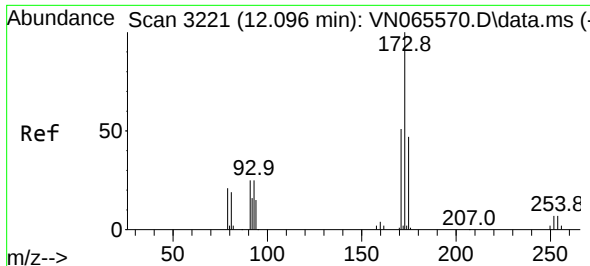
Tgt Ion: 95 Resp: 147357
Ion Ratio Lower Upper
95 100
174 67.6 0.0 169.0
176 64.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

Tgt Ion: 117 Resp: 310778
Ion Ratio Lower Upper
117 100
82 59.5 43.7 65.5
119 31.6 26.1 39.1

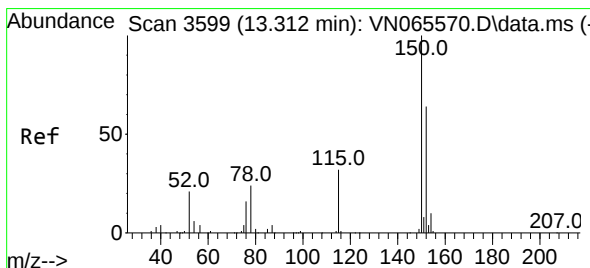
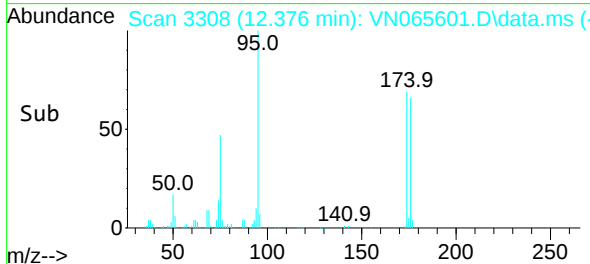
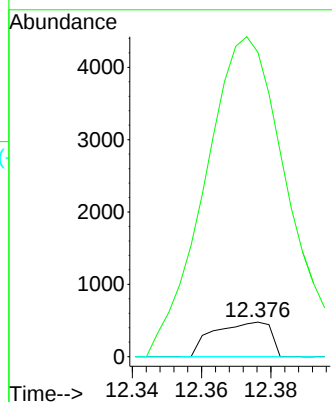
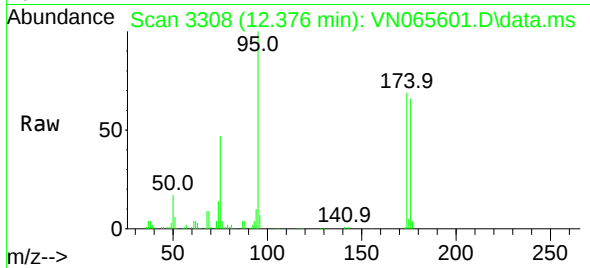




#71
Bromoform
Concen: 0.34 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.280 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

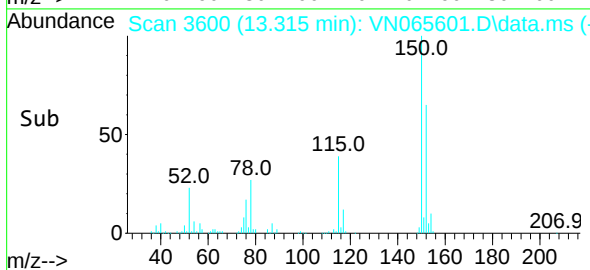
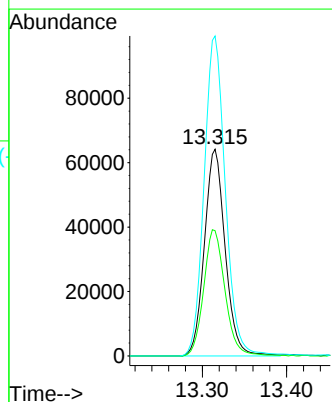
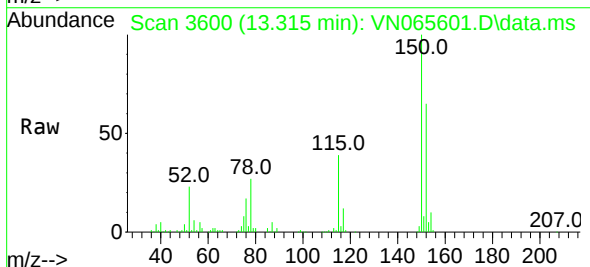
Instrument :
MSVOA_N
ClientSampled :

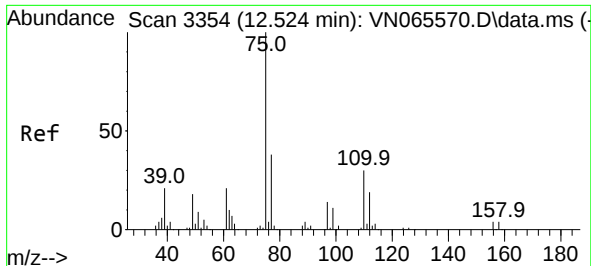
Tgt Ion:173 Resp: 545
Ion Ratio Lower Upper
173 100
175 1131.6 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

Tgt Ion:152 Resp: 110329
Ion Ratio Lower Upper
152 100
115 62.5 28.5 85.6
150 158.4 0.0 347.6

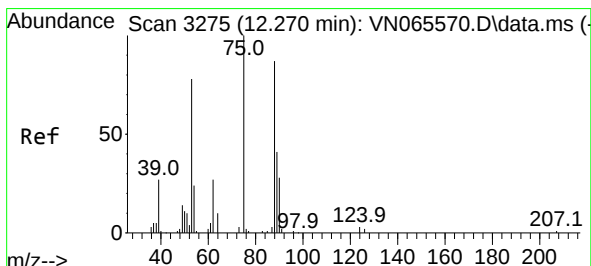
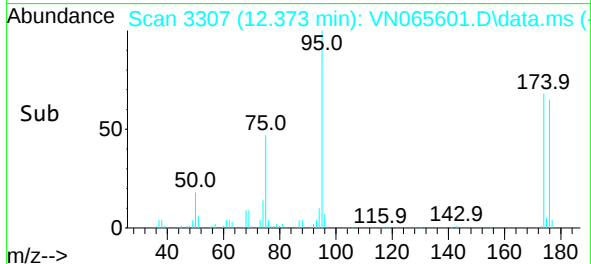
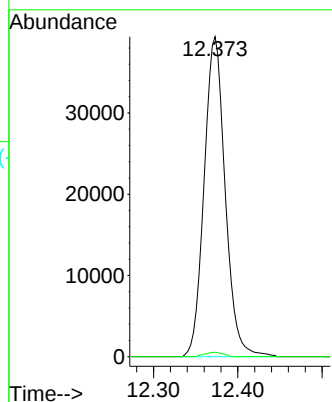
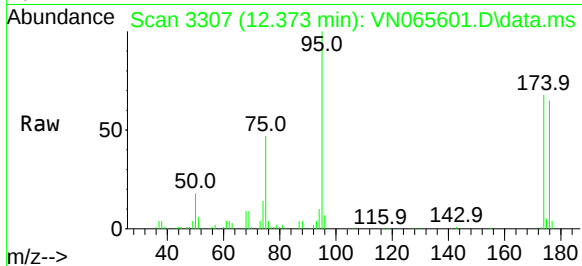




#76
1,2,3-Trichloropropane
Concen: 23.77 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 68589
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065601.D
Acq: 26 Jan 2021 14:00

Tgt Ion: 75 Resp: 68589
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

