

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065758.D
 Acq On : 8 Feb 2021 16:25
 Operator : JC/MD
 Sample : M1335-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 00:41:20 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	192527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	323319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	283699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100693	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	111201	43.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.80%
35) Dibromofluoromethane	7.547	113	91794	47.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.82%
50) Toluene-d8	10.058	98	399821	53.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.18%
62) 4-Bromofluorobenzene	12.373	95	125992	46.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.92%

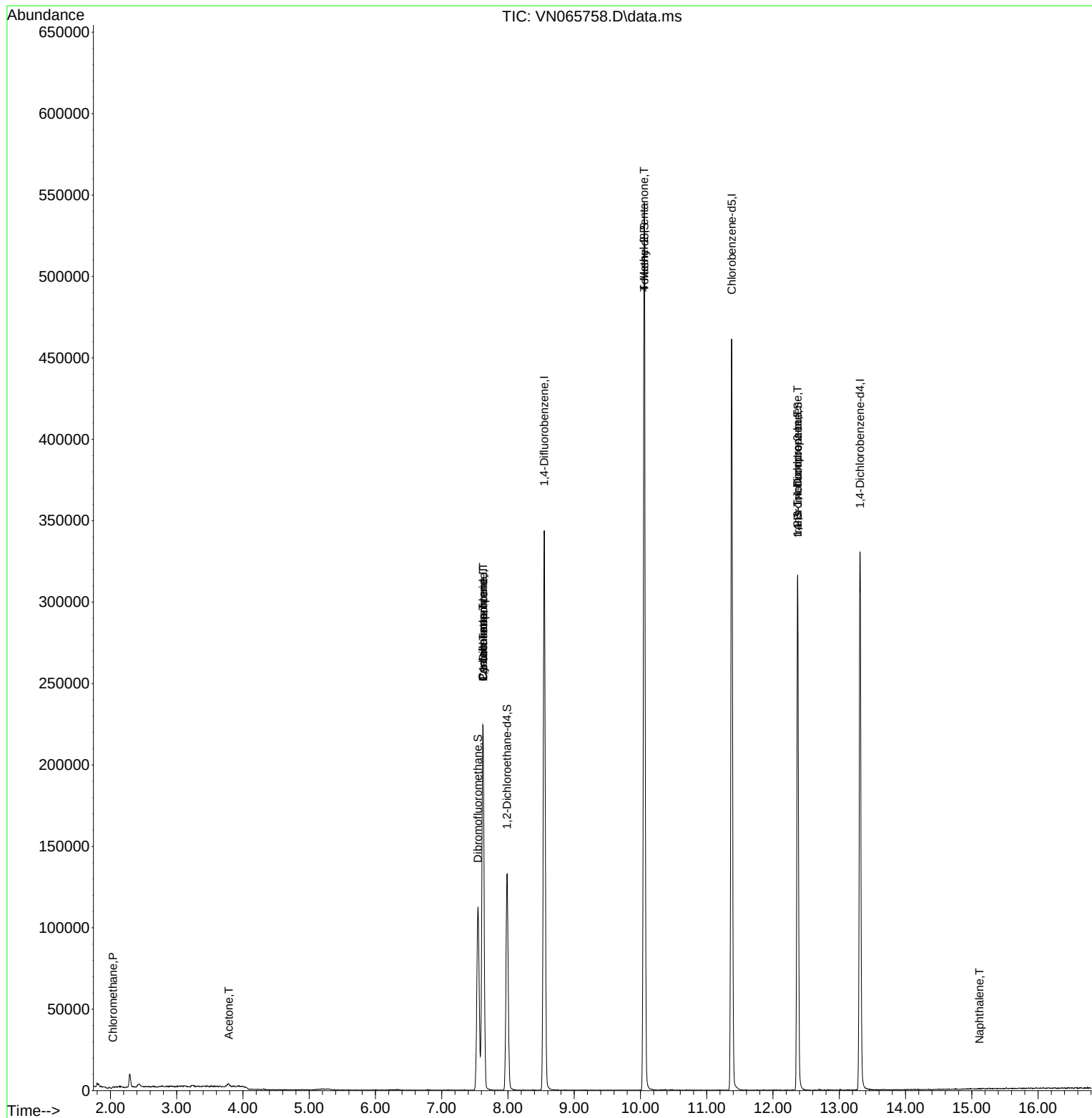
Target Compounds						Qvalue
3) Chloromethane	2.039	50	717	0.23	ug/l #	86
16) Acetone	3.785	43	3476	3.53	ug/l	91
31) Cyclohexane	7.621	56	3266	0.69	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	13969	4.29	ug/l #	47
38) Carbon Tetrachloride	7.624	117	17963	6.71	ug/l #	17
51) 4-Methyl-2-Pentanone	10.055	43	1547	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	12.370	75	57783	21.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	57783	56.21	ug/l #	12
95) Naphthalene	15.116	128	131	3.47	ug/l #	69

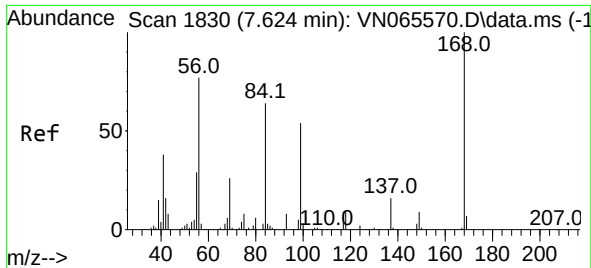
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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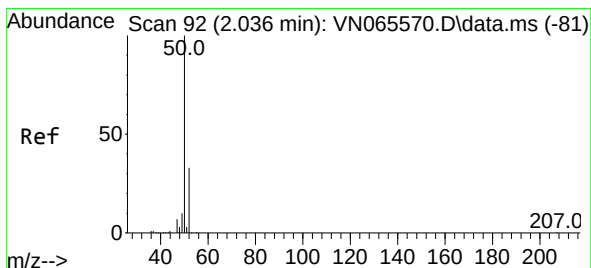
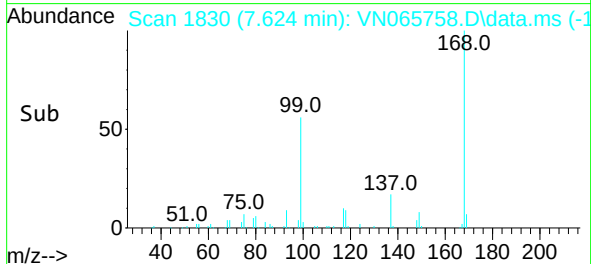
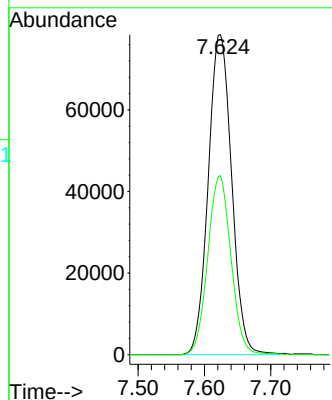
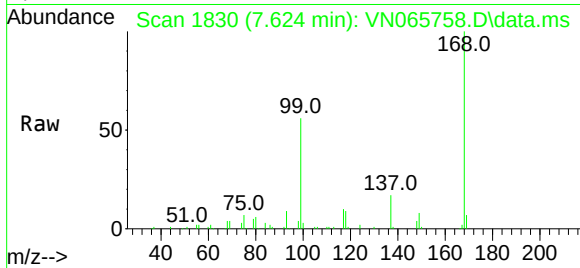




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

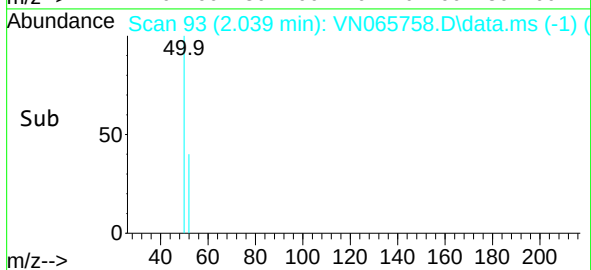
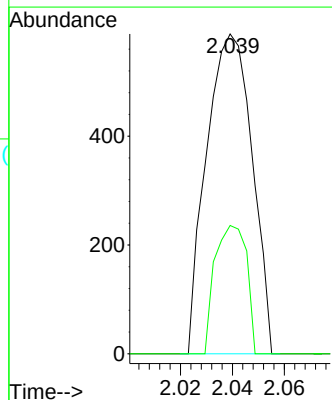
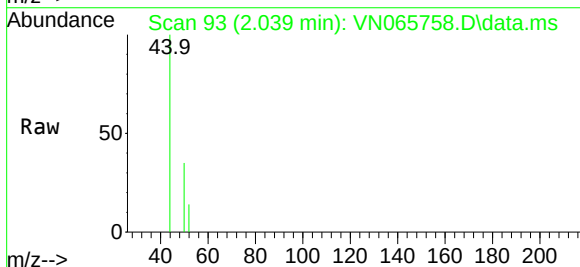
Instrument :
MSVOA_N
ClientSampled :

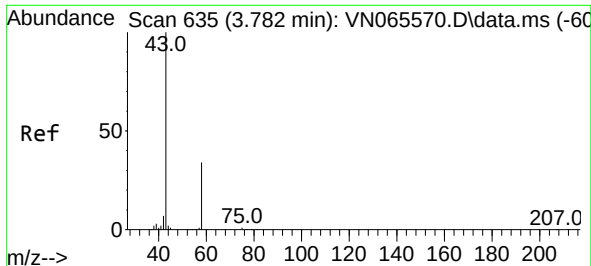
Tgt Ion:168 Resp: 192527
Ion Ratio Lower Upper
168 100
99 55.9 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.039 min Scan# 93
Delta R.T. 0.003 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

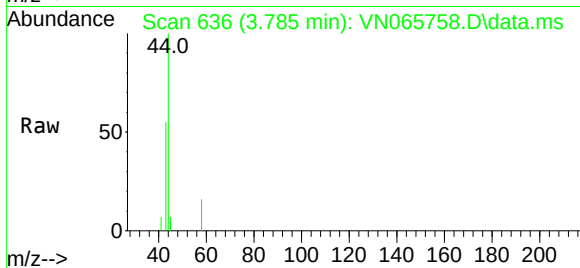
Tgt Ion: 50 Resp: 717
Ion Ratio Lower Upper
50 100
52 40.1 25.8 38.8#



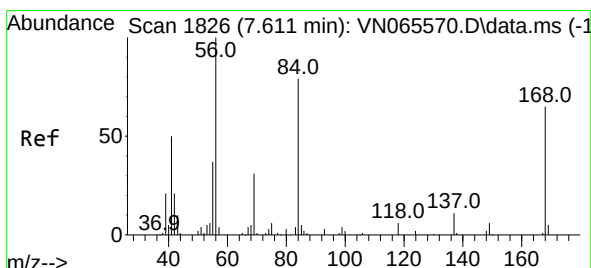
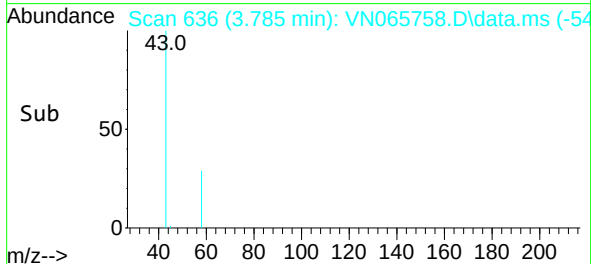
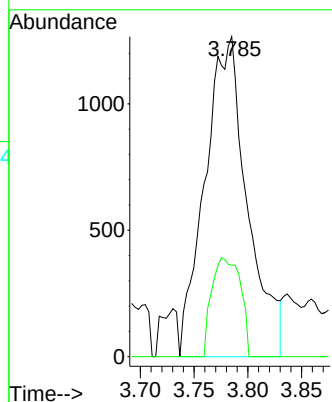


#16
Acetone
Concen: 3.53 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

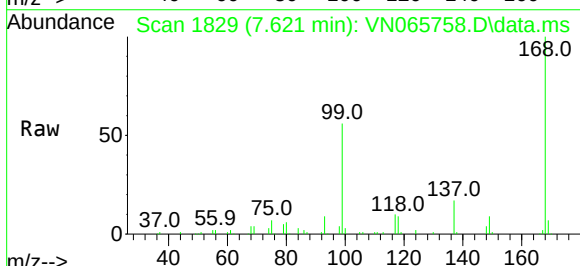
Instrument :
MSVOA_N
ClientSampled :



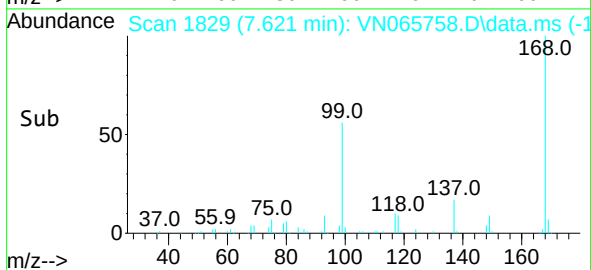
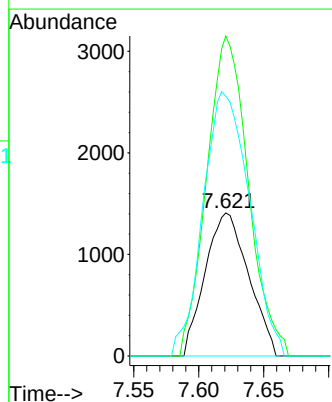
Tgt Ion: 43 Resp: 3476
Ion Ratio Lower Upper
43 100
58 28.6 27.0 40.6

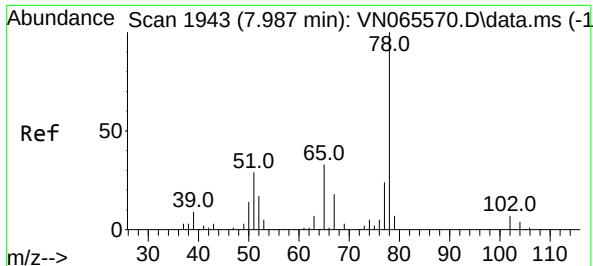


#31
Cyclohexane
Concen: 0.69 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25



Tgt Ion: 56 Resp: 3266
Ion Ratio Lower Upper
56 100
69 223.9 26.6 39.8#
84 170.2 70.4 105.6#

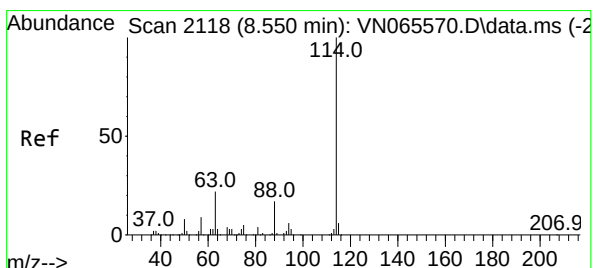
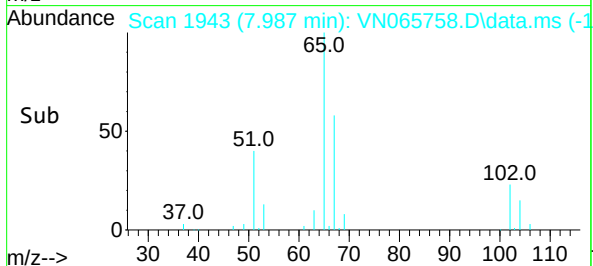
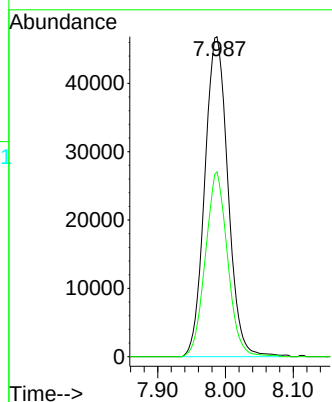
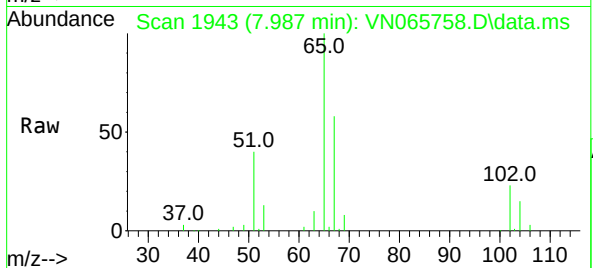




#33
1,2-Dichloroethane-d4
Concen: 43.90 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

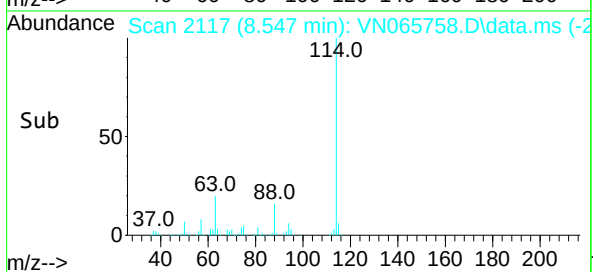
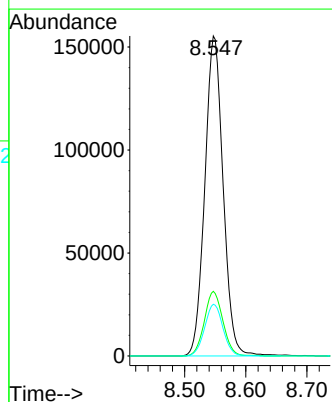
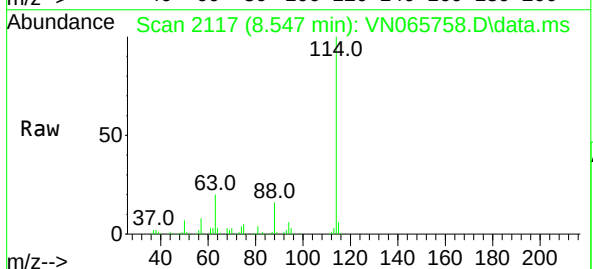
Instrument :
MSVOA_N
ClientSampled :

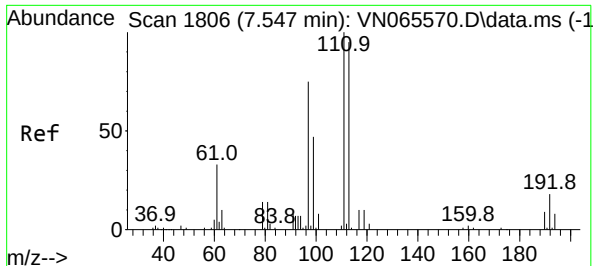
Tgt Ion: 65 Resp: 111201
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

Tgt Ion: 114 Resp: 323319
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 16.2 0.0 30.6

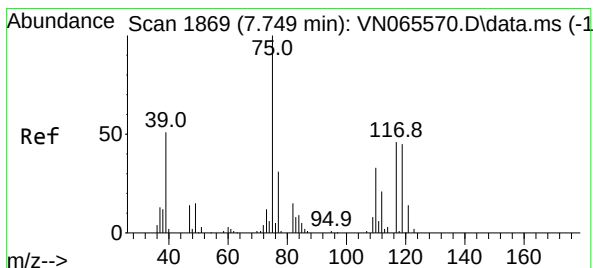
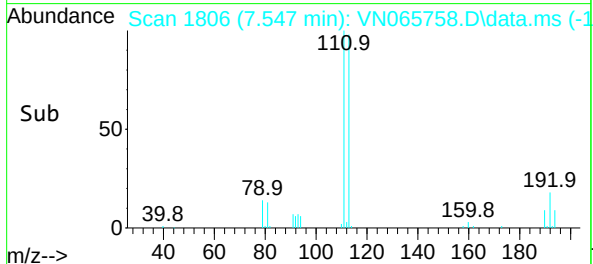
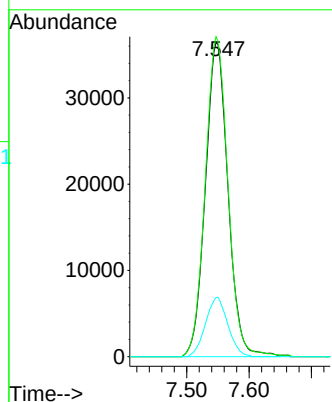
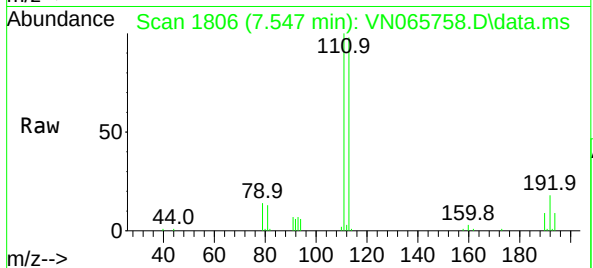




#35
Dibromofluoromethane
Concen: 47.91 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

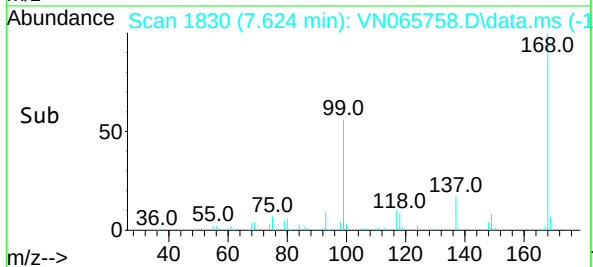
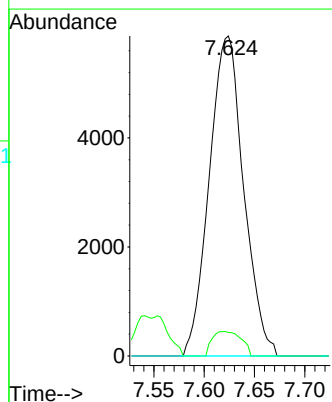
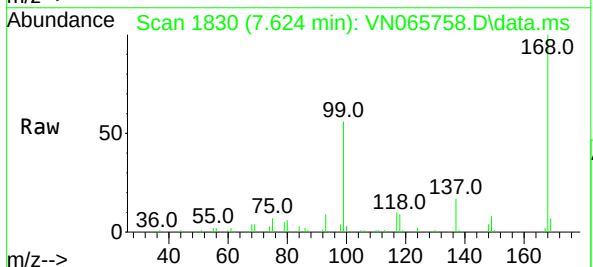
Instrument :
MSVOA_N
ClientSampleId :

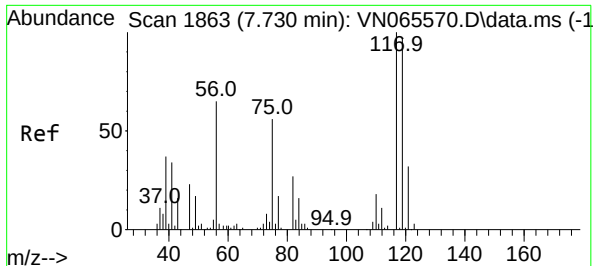
Tgt Ion:113 Resp: 91794
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

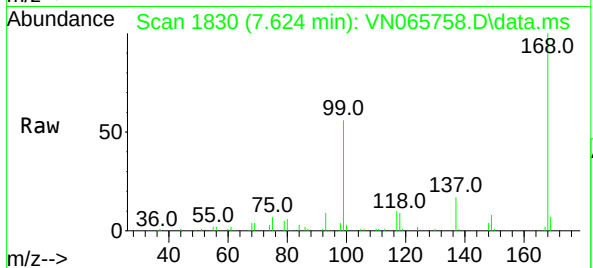
Tgt Ion: 75 Resp: 13969
Ion Ratio Lower Upper
75 100
110 6.5 18.2 54.6#
77 0.0 24.9 37.3#



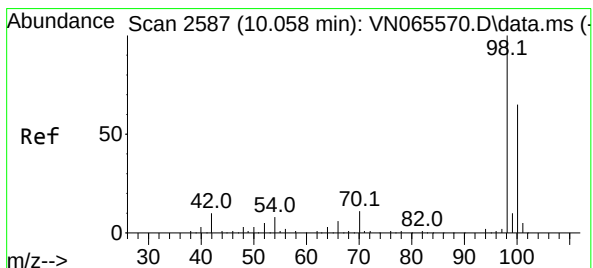
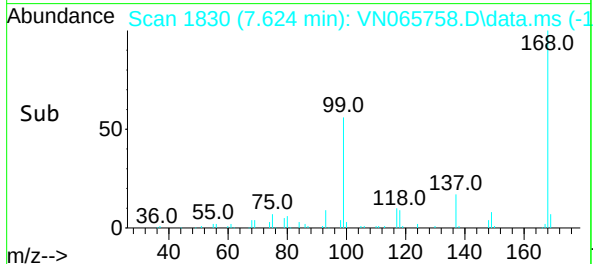
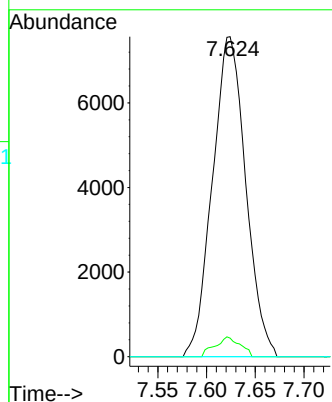


#38
Carbon Tetrachloride
Concen: 6.71 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

Instrument :
MSVOA_N
ClientSampled :

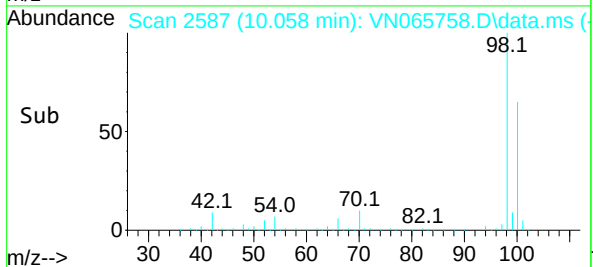
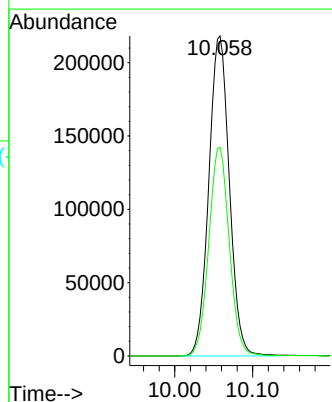
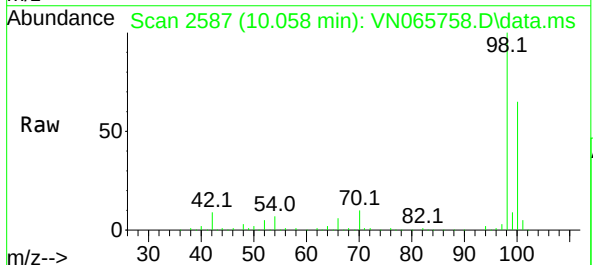


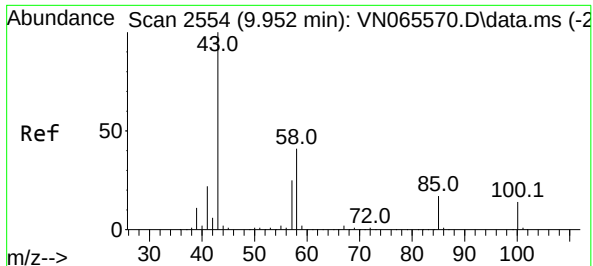
Tgt Ion:117 Resp: 17963
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.09 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

Tgt Ion: 98 Resp: 399821
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7

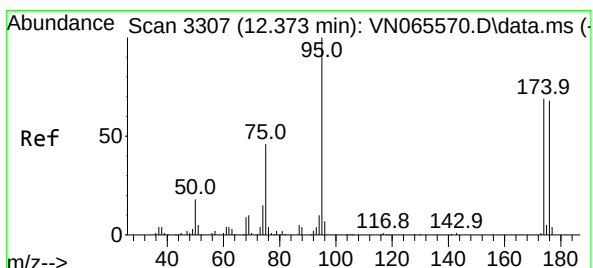
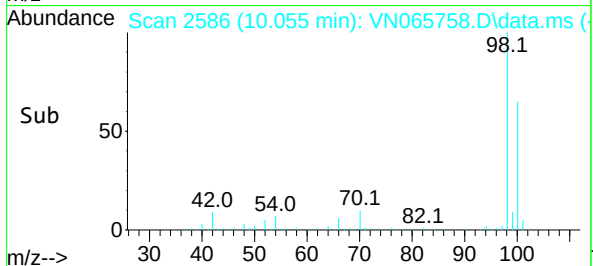
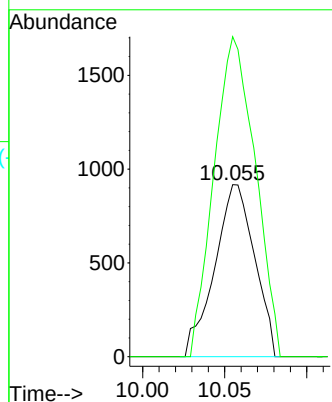
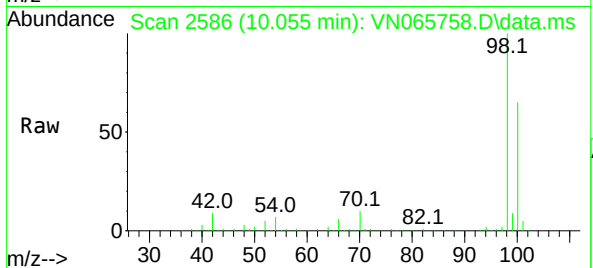




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

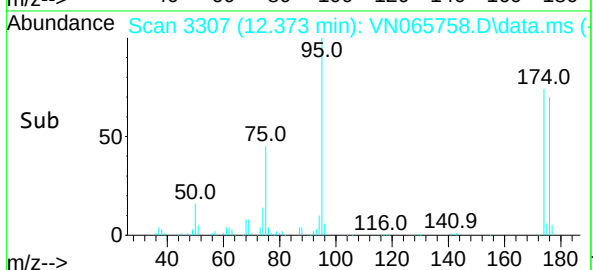
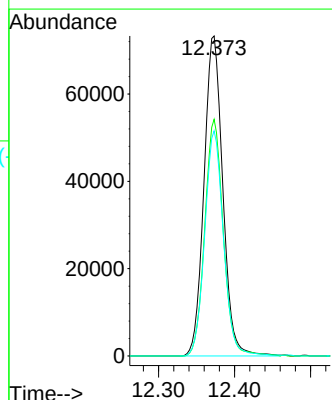
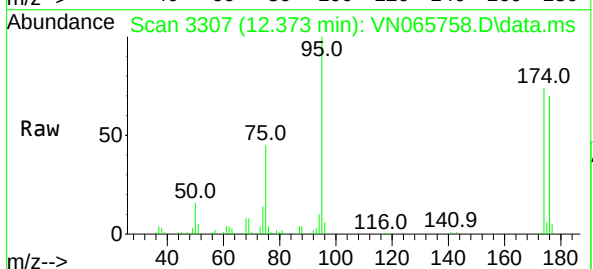
Instrument :
MSVOA_N
ClientSampled :

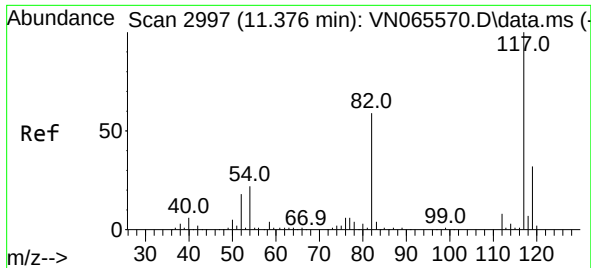
Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 192.5 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 46.46 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

Tgt Ion: 95 Resp: 125992
Ion Ratio Lower Upper
95 100
174 72.9 0.0 169.0
176 70.1 0.0 162.4

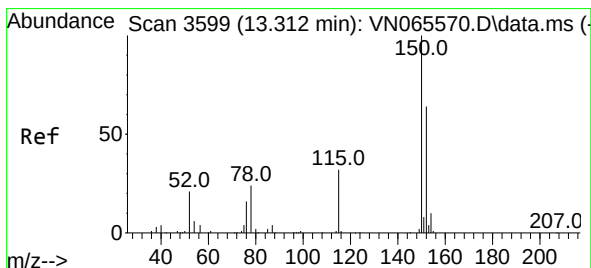
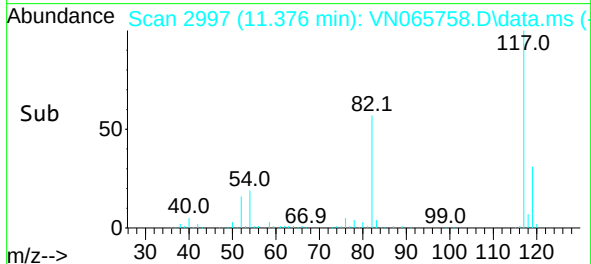
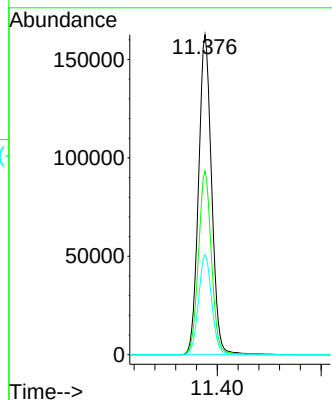
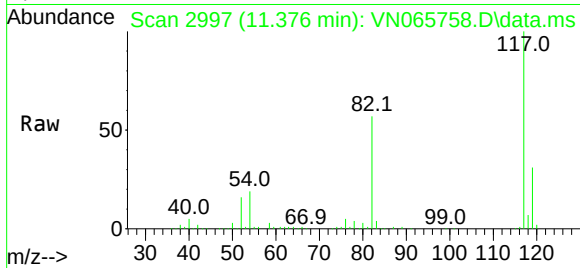




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

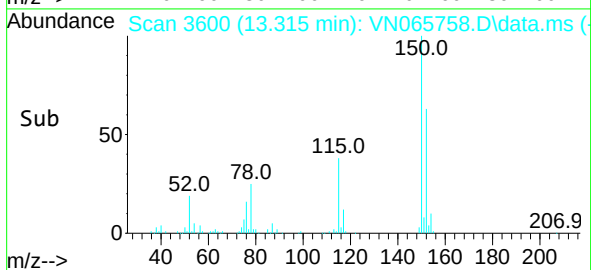
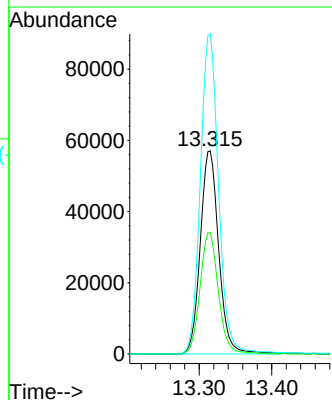
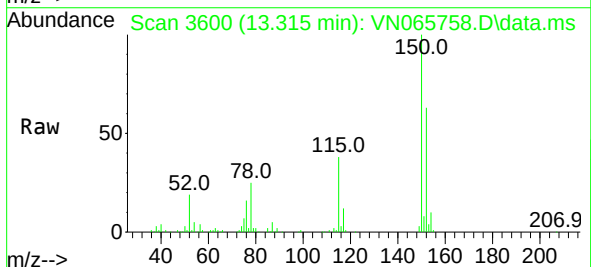
Instrument :
MSVOA_N
ClientSampled :

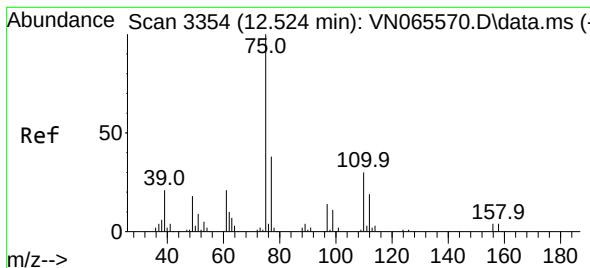
Tgt Ion:117 Resp: 283699
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

Tgt Ion:152 Resp: 100693
Ion Ratio Lower Upper
152 100
115 59.3 28.5 85.6
150 156.1 0.0 347.6

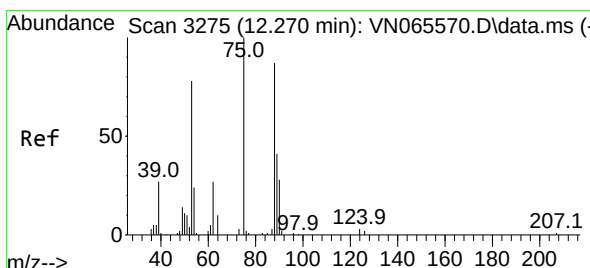
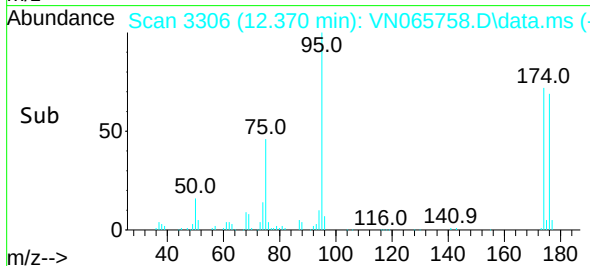
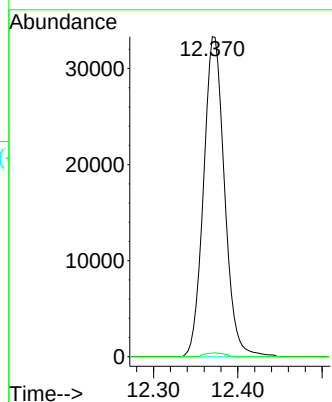
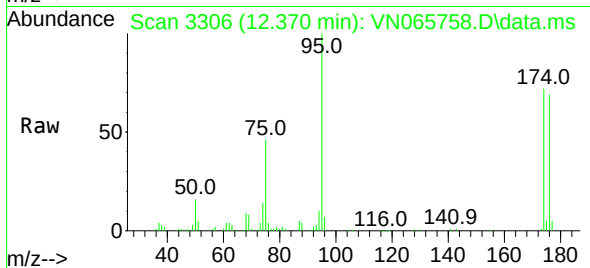




#76
1,2,3-Trichloropropane
Concen: 21.95 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

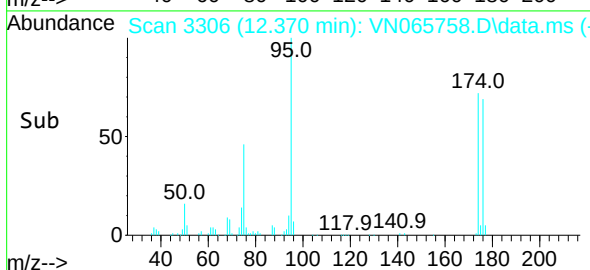
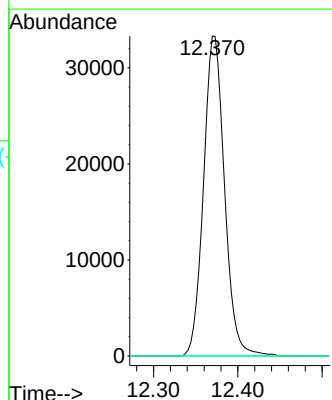
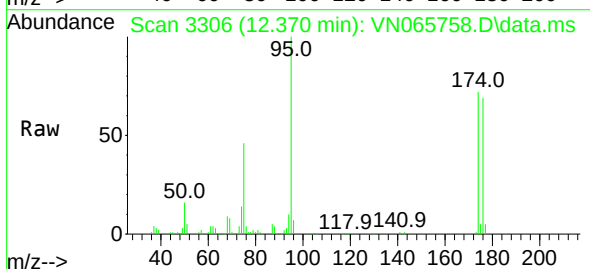
Instrument :
MSVOA_N
ClientSampleId :

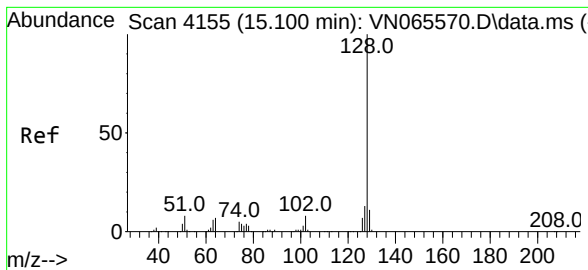
Tgt Ion: 75 Resp: 57783
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.21 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

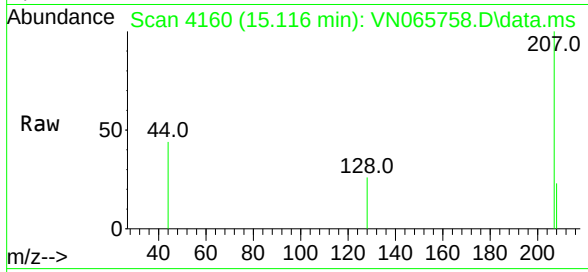
Tgt Ion: 75 Resp: 57783
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.47 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.016 min
Lab File: VN065758.D
Acq: 8 Feb 2021 16:25

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 131
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

