

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065715.D
 Acq On : 4 Feb 2021 14:15
 Operator : JC/MD
 Sample : M1288-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 05 02:16:59 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)

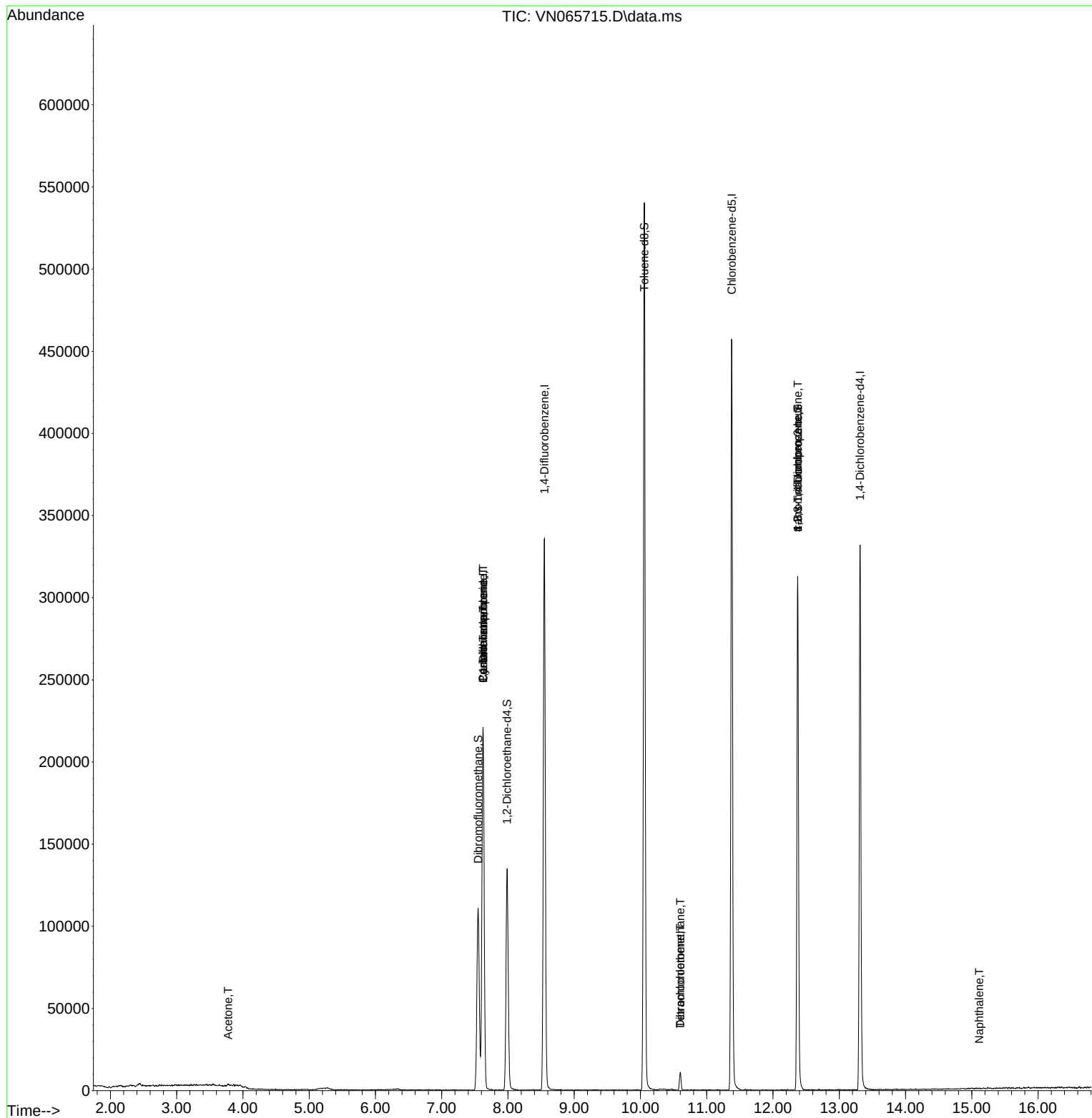
Internal Standards						
1) Pentafluorobenzene	7.624	168	185657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	315140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	279022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	112197	45.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.88%		
35) Dibromofluoromethane	7.550	113	91267	48.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.74%		
50) Toluene-d8	10.058	98	388941	52.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.96%		
62) 4-Bromofluorobenzene	12.373	95	126595	47.89	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.78%		
Target Compounds						
					Qvalue	
16) Acetone	3.775	43	1053	1.11	ug/l #	41
31) Cyclohexane	7.624	56	3565	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14269	4.50	ug/l #	47
38) Carbon Tetrachloride	7.624	117	16743	6.41	ug/l #	17
60) Dibromochloromethane	10.602	129	2699	1.21	ug/l #	11
64) Tetrachloroethene	10.602	164	2696	1.15	ug/l	93
76) 1,2,3-Trichloropropane	12.373	75	58142	22.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	58142	57.84	ug/l #	12
95) Naphthalene	15.113	128	141	3.47	ug/l #	69

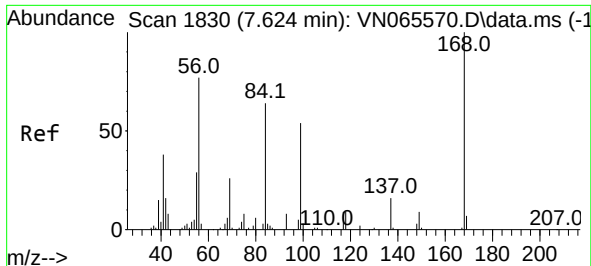
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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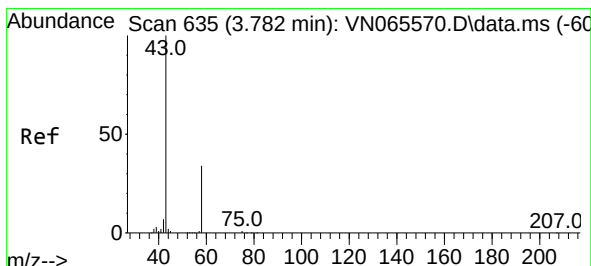
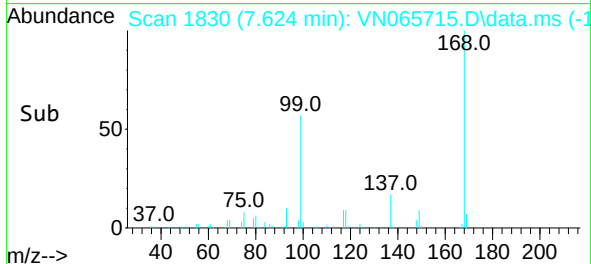
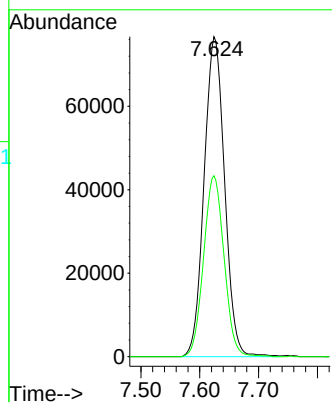
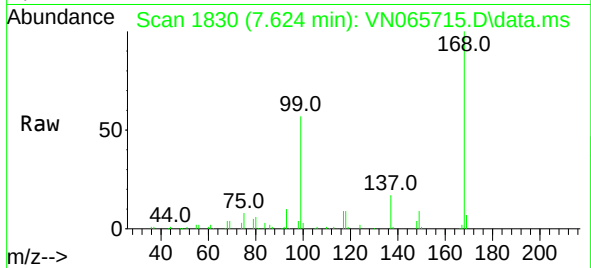




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

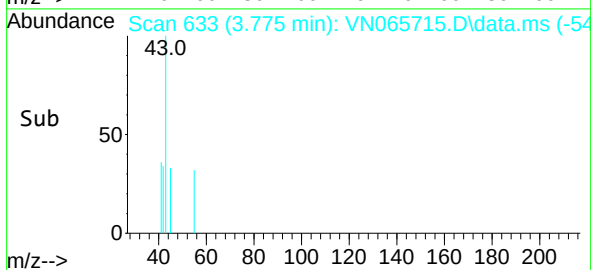
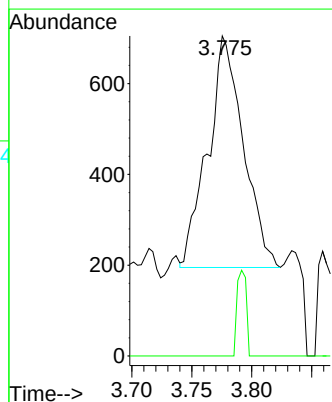
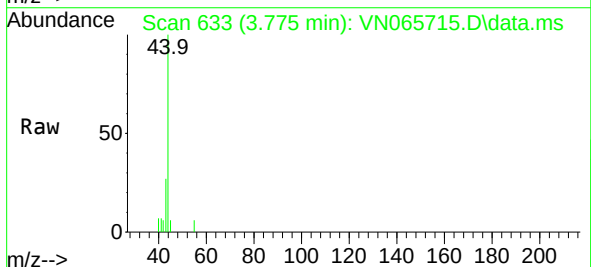
Instrument :
MSVOA_N
ClientSampled :

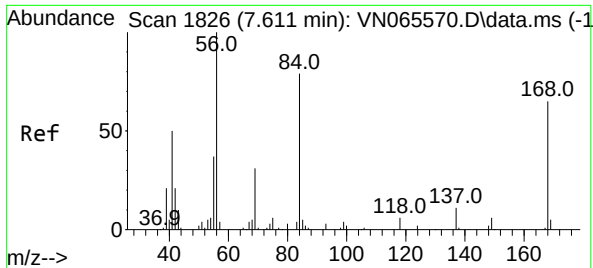
Tgt Ion:168 Resp: 185657
Ion Ratio Lower Upper
168 100
99 56.6 42.6 63.8



#16
Acetone
Concen: 1.11 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

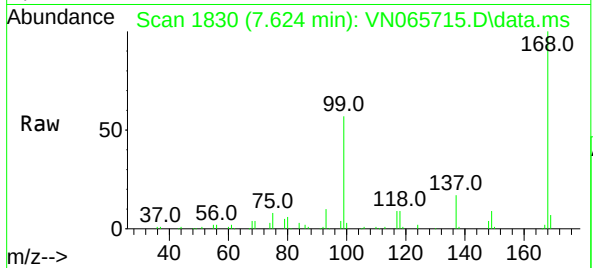
Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



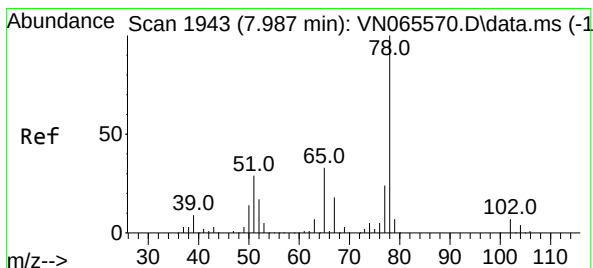
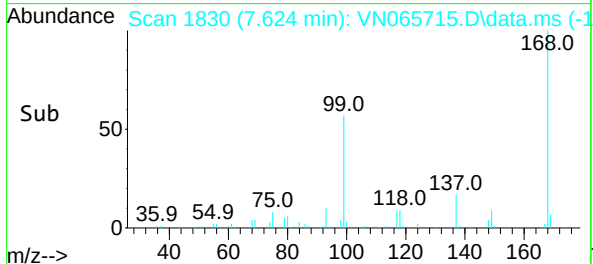
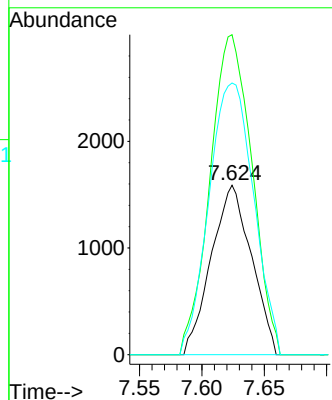


#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

Instrument :
MSVOA_N
ClientSampled :

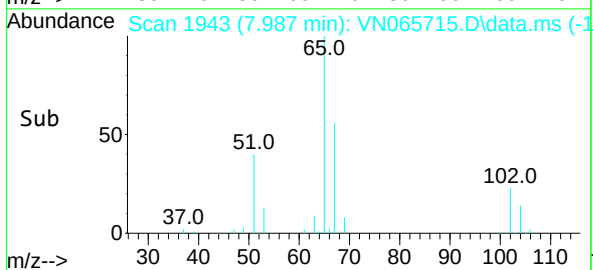
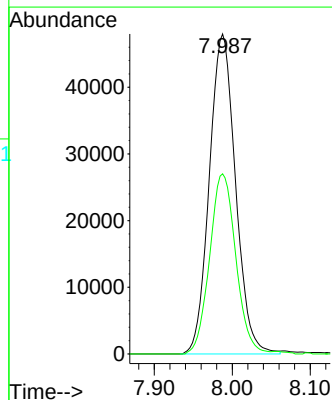
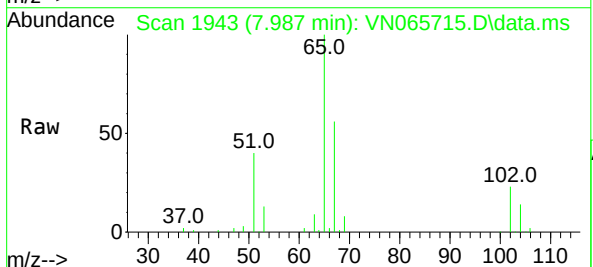


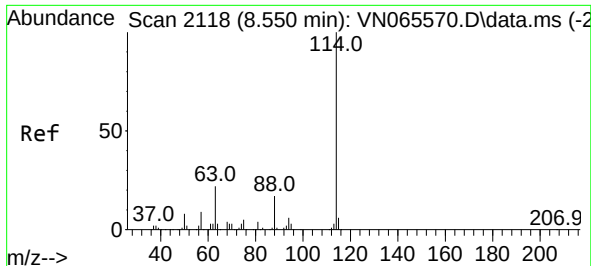
Tgt Ion: 56 Resp: 3565
Ion Ratio Lower Upper
56 100
69 188.9 26.6 39.8#
84 160.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.94 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

Tgt Ion: 65 Resp: 112197
Ion Ratio Lower Upper
65 100
67 56.2 0.0 107.2

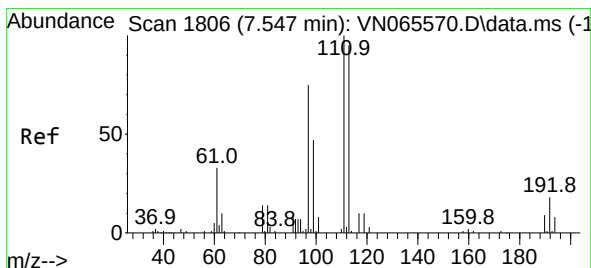
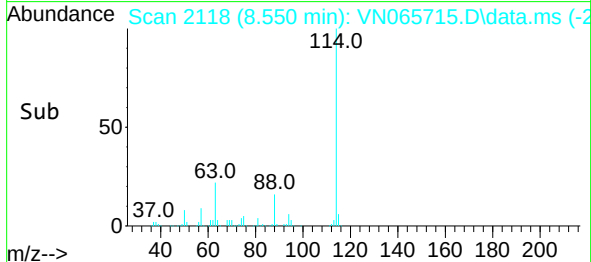
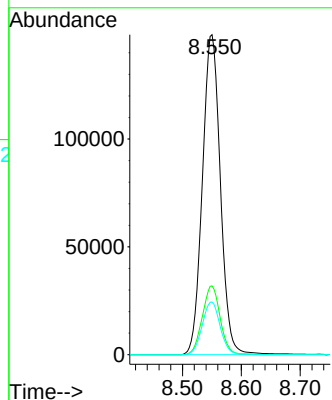
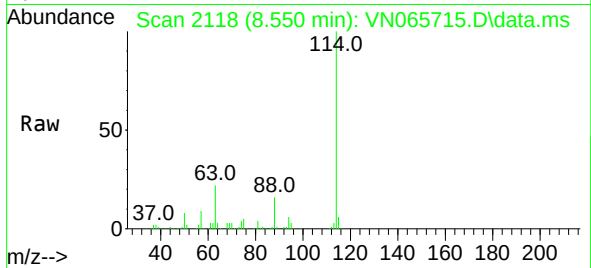




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

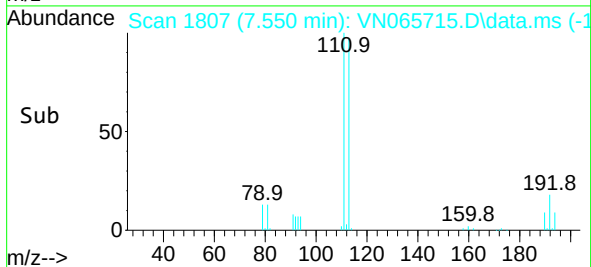
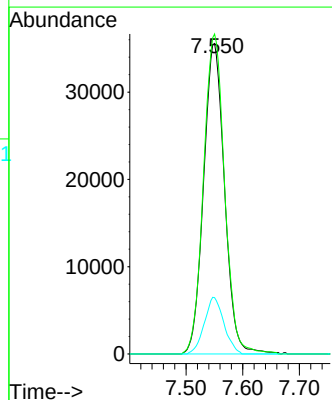
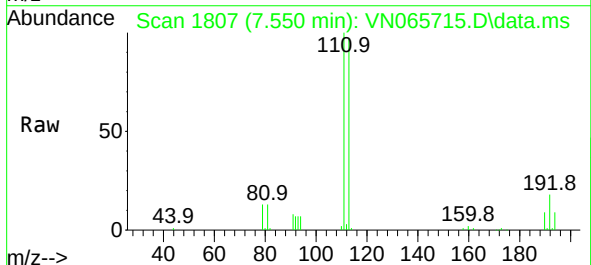
Instrument :
MSVOA_N
ClientSampled :

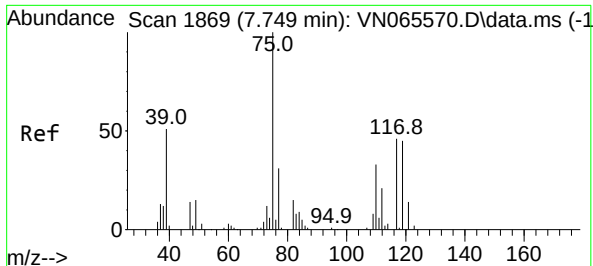
Tgt Ion:114 Resp: 315140
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.6
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.87 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

Tgt Ion:113 Resp: 91267
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 17.1 15.4 23.0

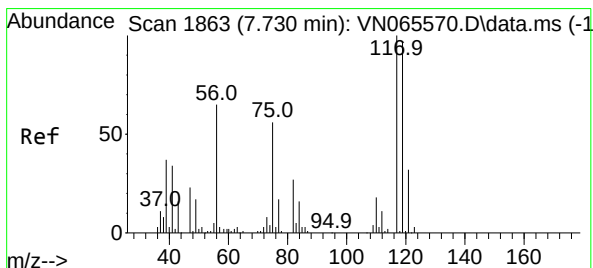
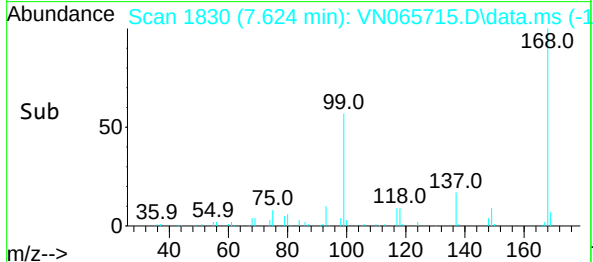
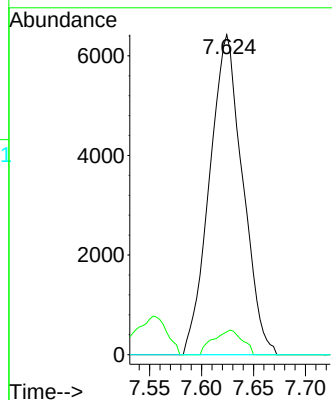
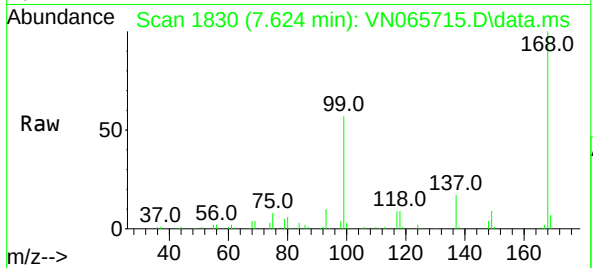




#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

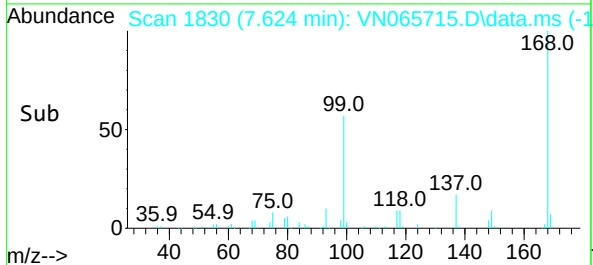
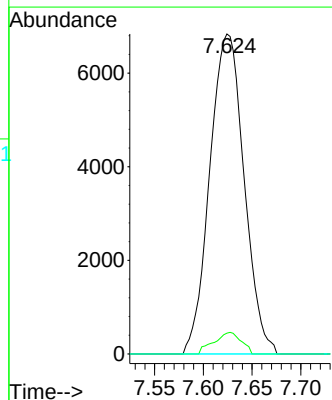
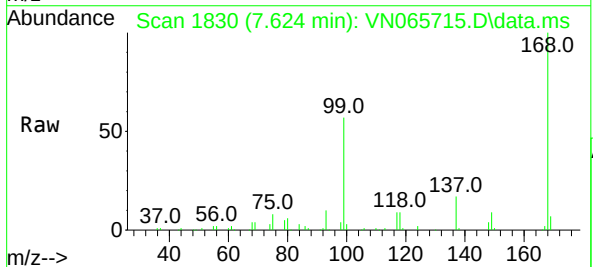
Instrument :
MSVOA_N
ClientSampleId :

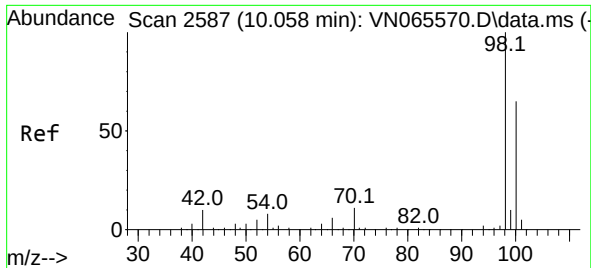
Tgt Ion: 75 Resp: 14269
Ion Ratio Lower Upper
75 100
110 6.7 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

Tgt Ion: 117 Resp: 16743
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.5 36.7#

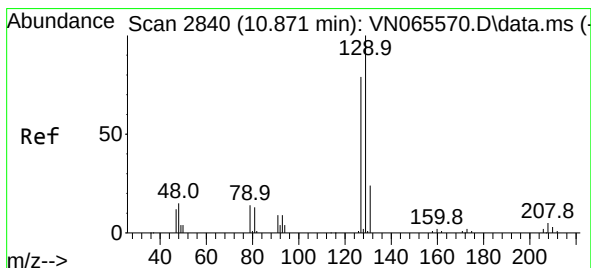
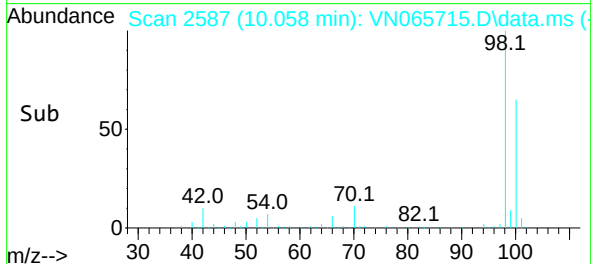
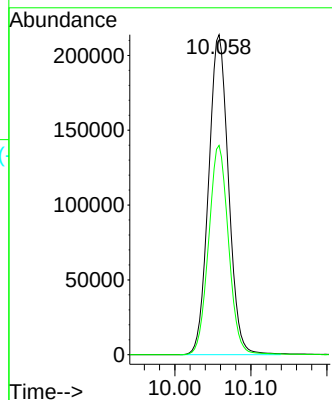
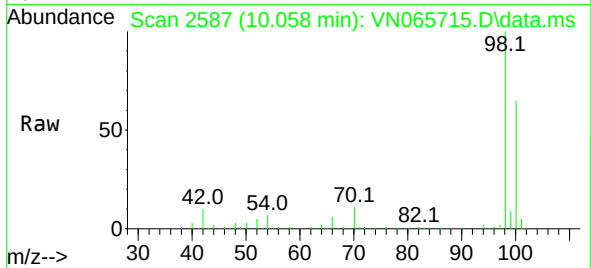




#50
Toluene-d8
Concen: 52.98 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

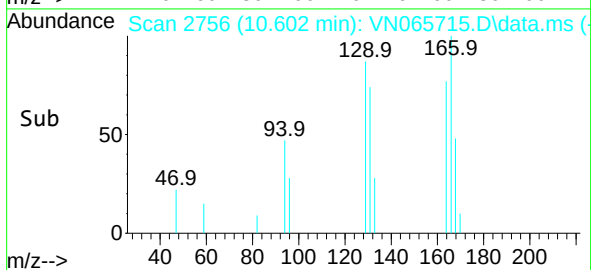
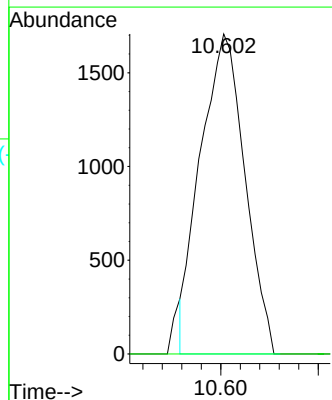
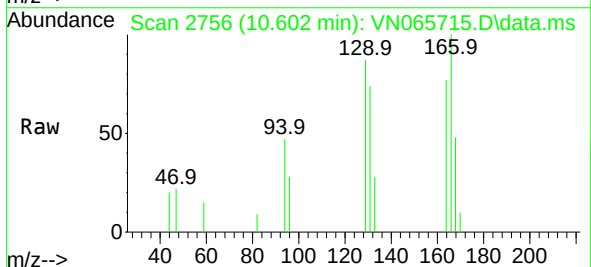
Instrument :
MSVOA_N
ClientSampled :

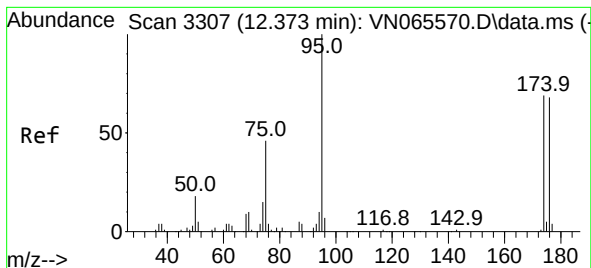
Tgt Ion: 98 Resp: 388941
Ion Ratio Lower Upper
98 100
100 65.4 50.5 75.7



#60
Dibromochloromethane
Concen: 1.21 ug/l
RT: 10.602 min Scan# 2756
Delta R.T. -0.269 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

Tgt Ion:129 Resp: 2699
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

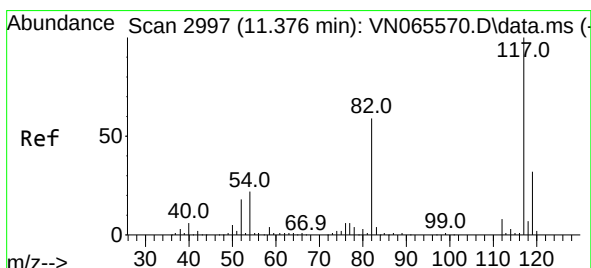
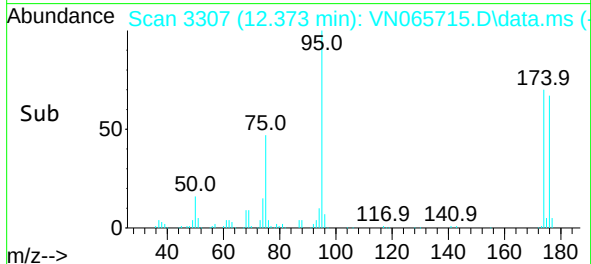
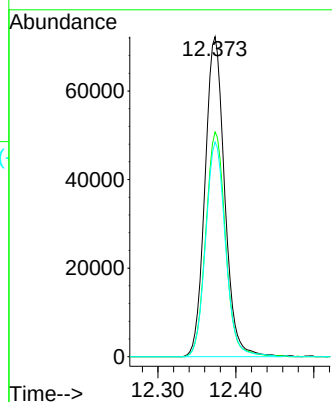
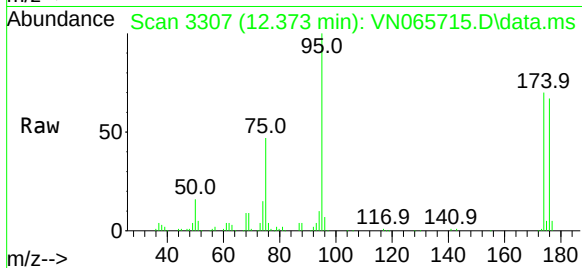




#62
4-Bromofluorobenzene
Concen: 47.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

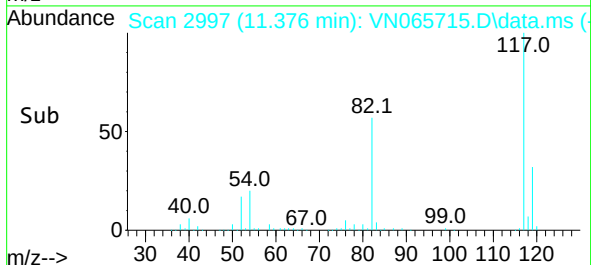
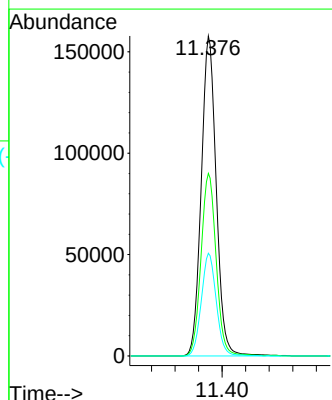
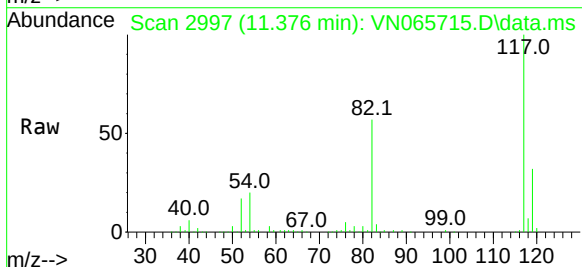
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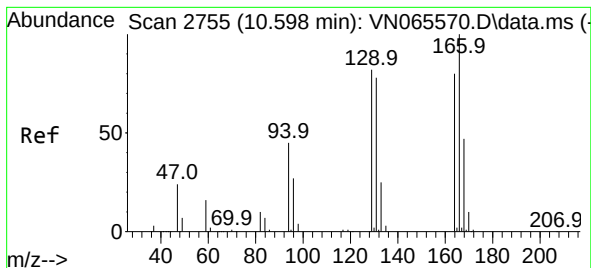
Tgt Ion: 95 Resp: 126595
Ion Ratio Lower Upper
95 100
174 70.6 0.0 169.0
176 67.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

Tgt Ion: 117 Resp: 279022
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.1 26.1 39.1





#64

Tetrachloroethene

Concen: 1.15 ug/l

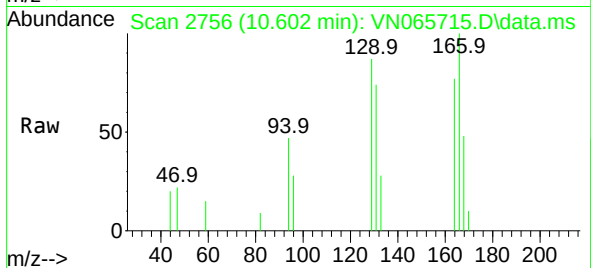
RT: 10.602 min Scan# 2756

Delta R.T. 0.004 min

Lab File: VN065715.D

Acq: 4 Feb 2021 14:15

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:164 Resp: 2696

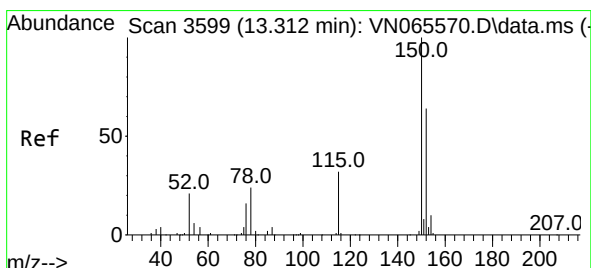
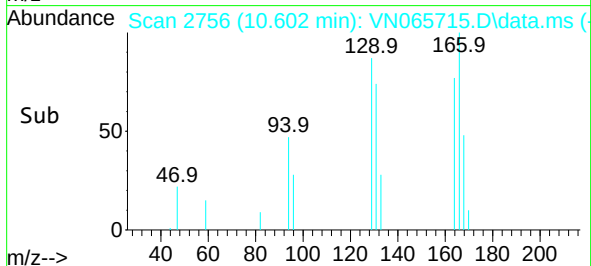
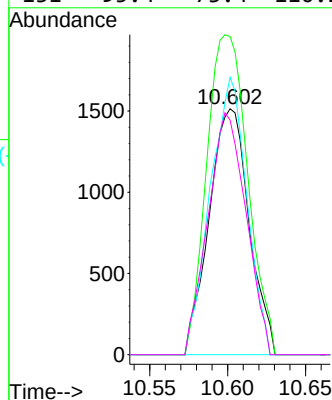
Ion Ratio Lower Upper

164 100

166 129.3 102.6 154.0

129 112.7 76.2 114.4

131 95.4 73.4 110.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.315 min Scan# 3600

Delta R.T. 0.003 min

Lab File: VN065715.D

Acq: 4 Feb 2021 14:15

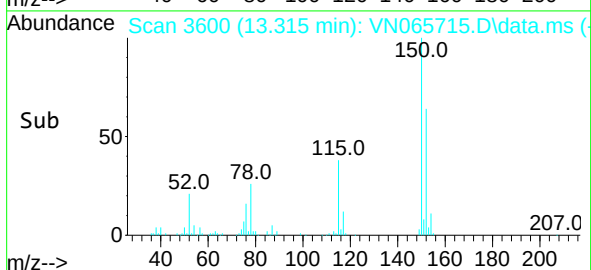
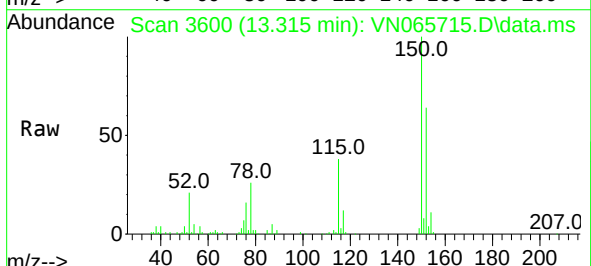
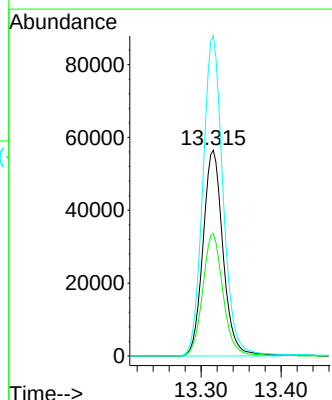
Tgt Ion:152 Resp: 98466

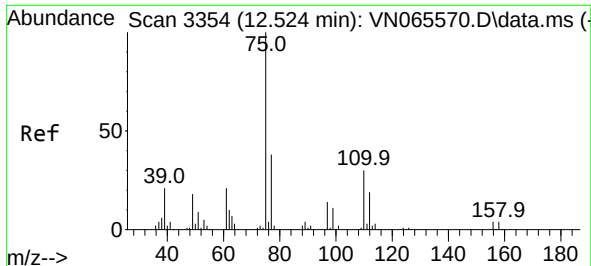
Ion Ratio Lower Upper

152 100

115 60.3 28.5 85.6

150 157.1 0.0 347.6

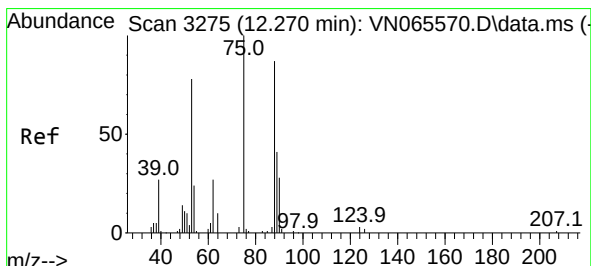
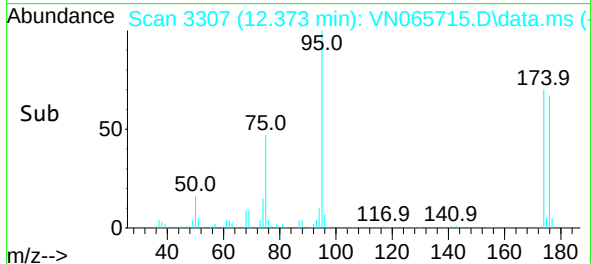
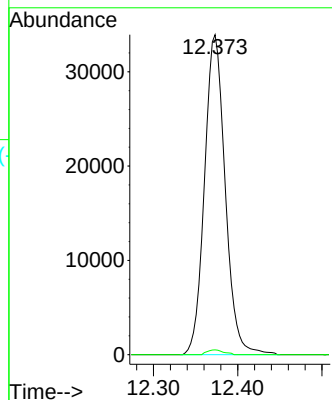
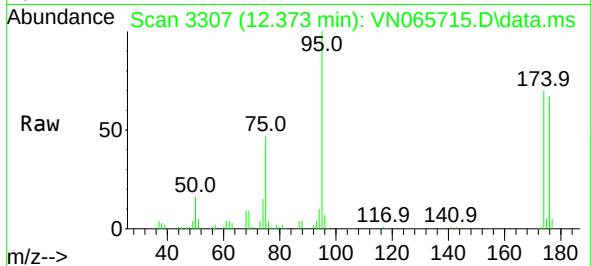




#76
1,2,3-Trichloropropane
Concen: 22.58 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

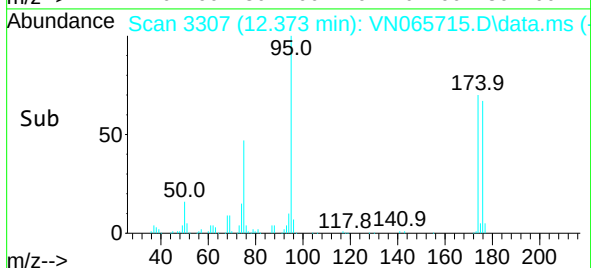
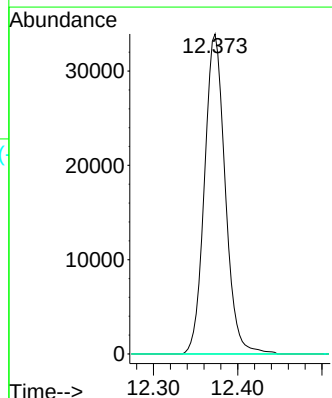
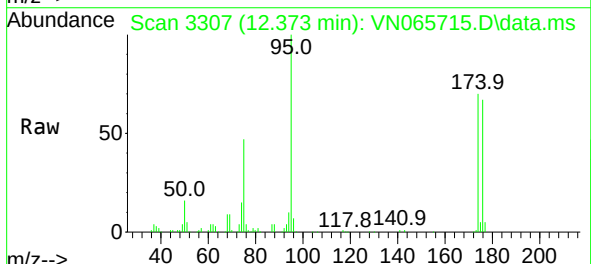
Instrument :
MSVOA_N
ClientSampleId :

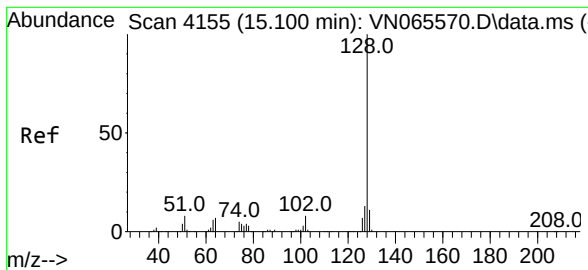
Tgt Ion: 75 Resp: 58142
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.84 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

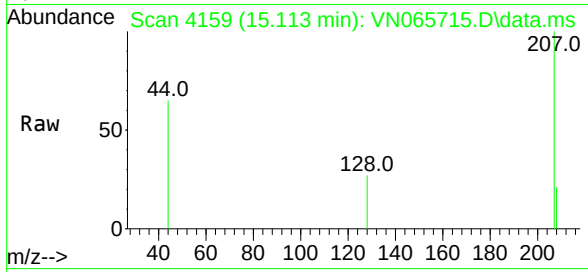
Tgt Ion: 75 Resp: 58142
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.47 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.013 min
Lab File: VN065715.D
Acq: 4 Feb 2021 14:15

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 141
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

