

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065585.D
 Acq On : 25 Jan 2021 18:35
 Operator : JC/MD
 Sample : M1157-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jan 26 01:49:25 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	200166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	349777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	298608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	107829	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	128332	48.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.46%
35) Dibromofluoromethane	7.550	113	101052	48.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.50%
50) Toluene-d8	10.058	98	431861	53.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.00%
62) 4-Bromofluorobenzene	12.373	95	143049	48.76	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.52%

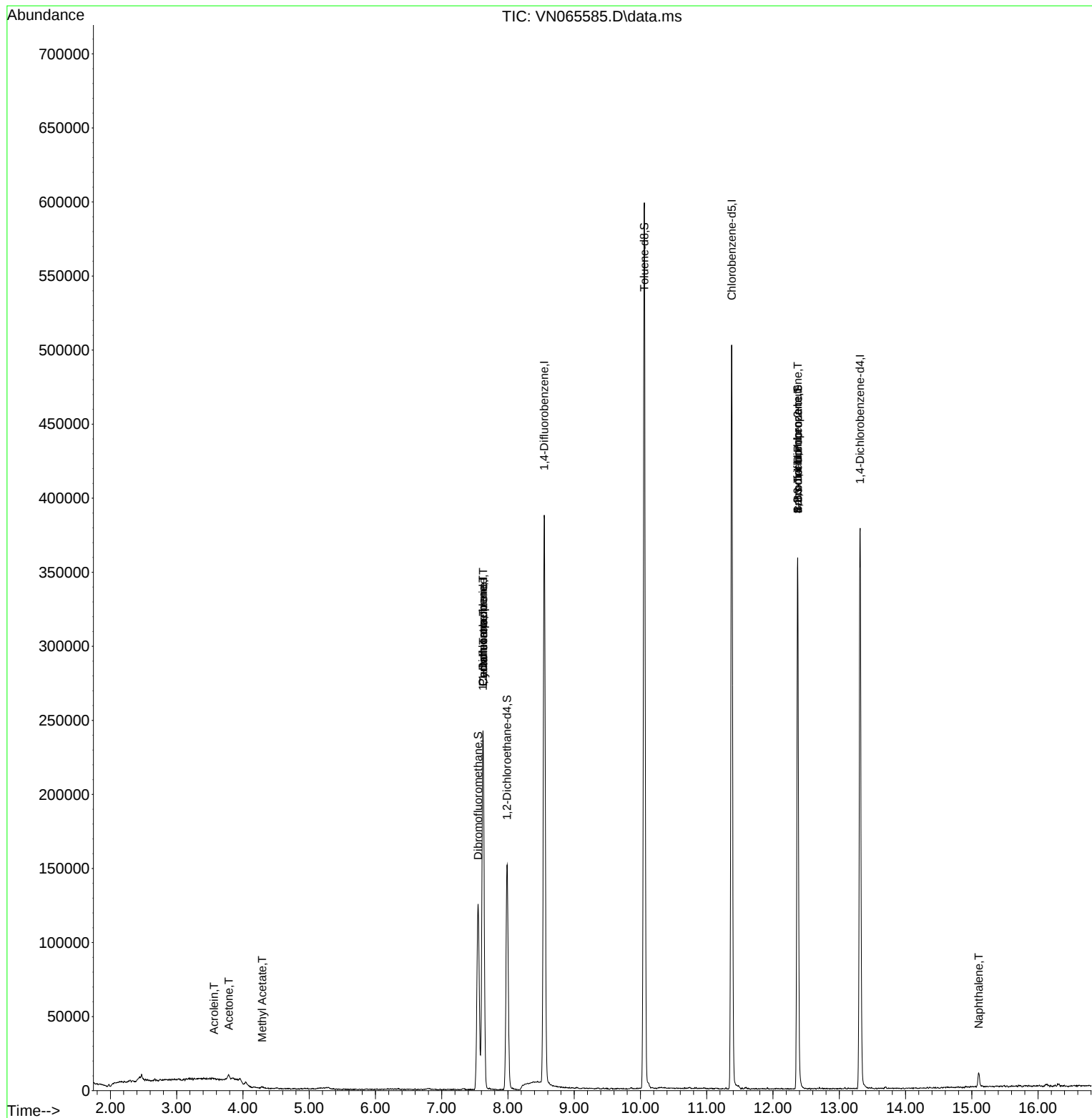
Target Compounds					Qvalue	
13) Acrolein	3.563	56	180	18.48	ug/l #	15
16) Acetone	3.785	43	4451	4.34	ug/l	97
18) Methyl Acetate	4.290	43	1443	0.50	ug/l #	60
31) Cyclohexane	7.624	56	4389	0.89	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	16820	4.78	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19756	6.82	ug/l #	16
71) Bromoform	12.373	173	510	0.33	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	67843	24.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	67843	61.63	ug/l #	12
95) Naphthalene	15.106	128	10364	4.83	ug/l #	95

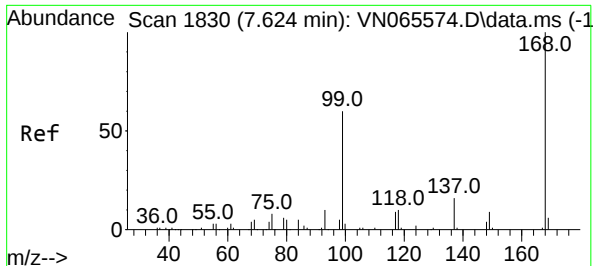
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

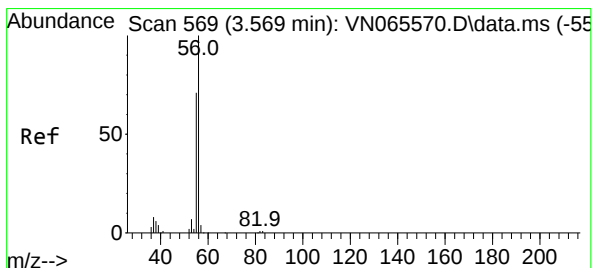
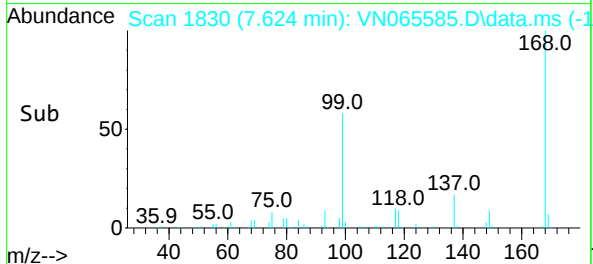
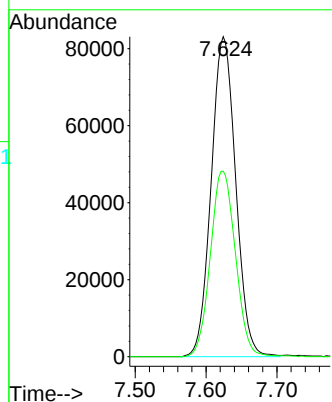
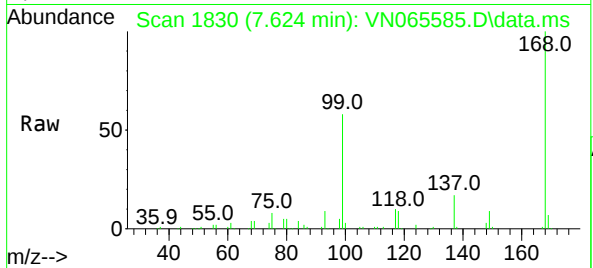




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

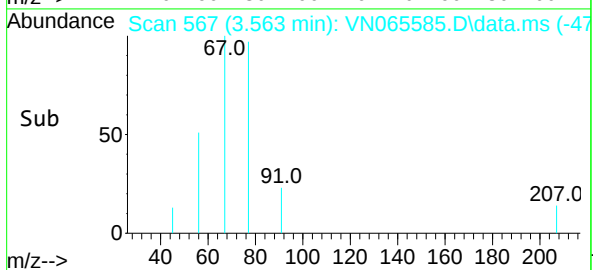
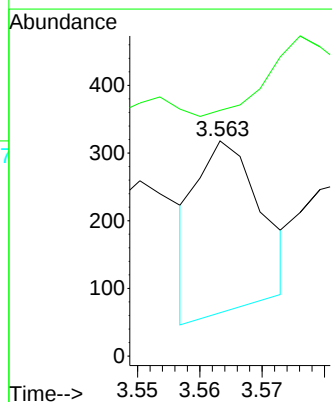
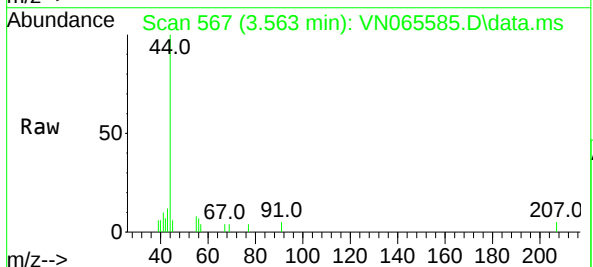
Instrument :
MSVOA_N
ClientSampleId :
MW-2

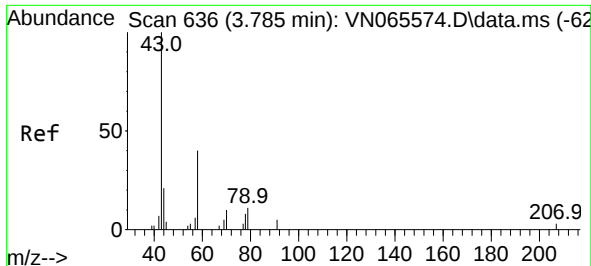
Tgt Ion:168 Resp: 200166
Ion Ratio Lower Upper
168 100
99 57.9 42.6 63.8



#13
Acrolein
Concen: 18.48 ug/l
RT: 3.563 min Scan# 567
Delta R.T. -0.006 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

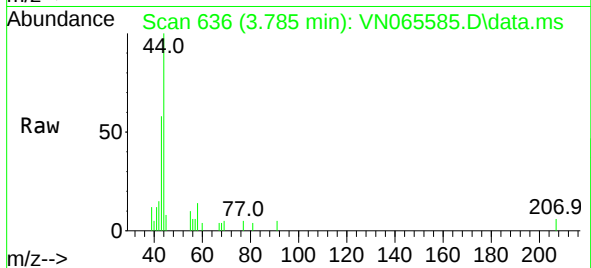
Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



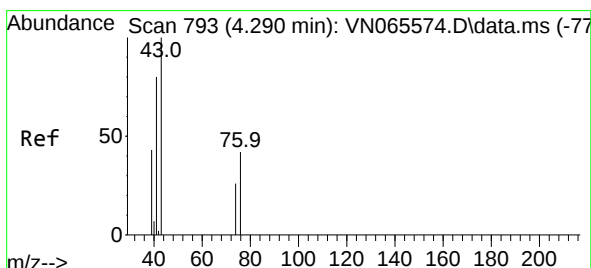
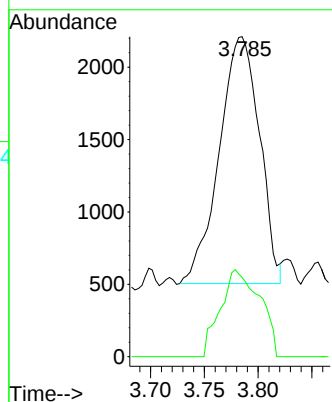
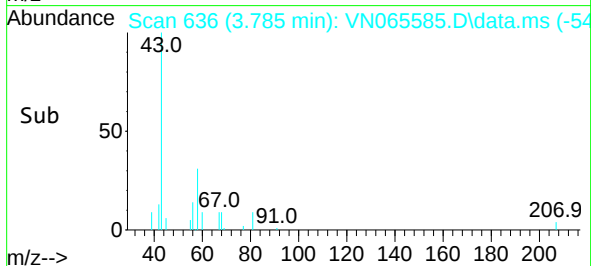


#16
Acetone
Concen: 4.34 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

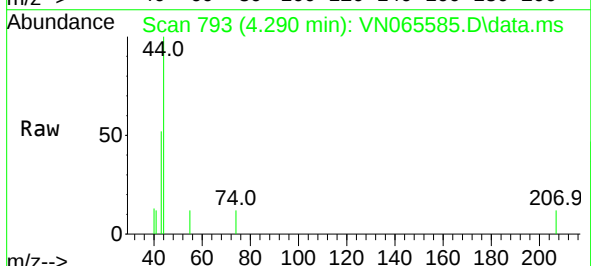
Instrument :
MSVOA_N
ClientSampleId :
MW-2



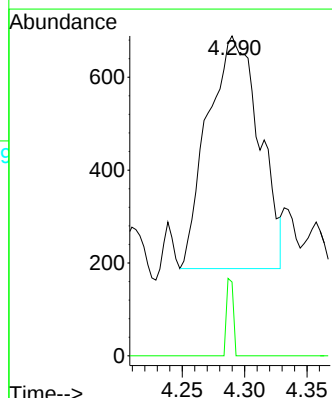
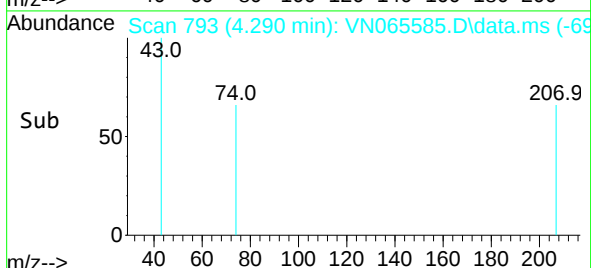
Tgt Ion: 43 Resp: 4451
Ion Ratio Lower Upper
43 100
58 32.1 27.0 40.6

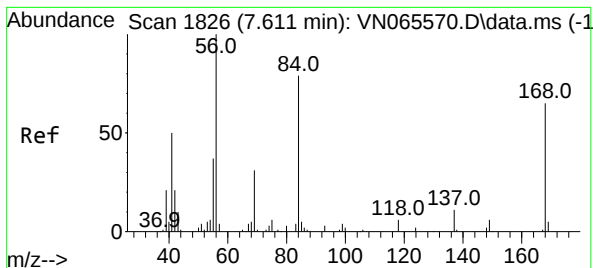


#18
Methyl Acetate
Concen: 0.50 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35



Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
74 4.4 19.5 29.3#





#31

Cyclohexane

Concen: 0.89 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065585.D

Acq: 25 Jan 2021 18:35

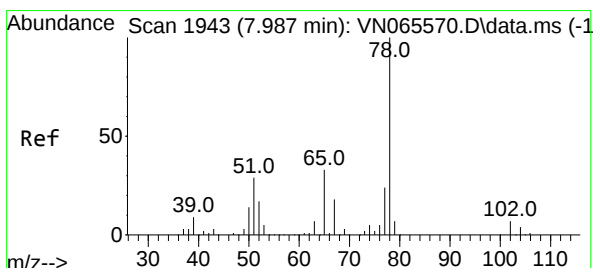
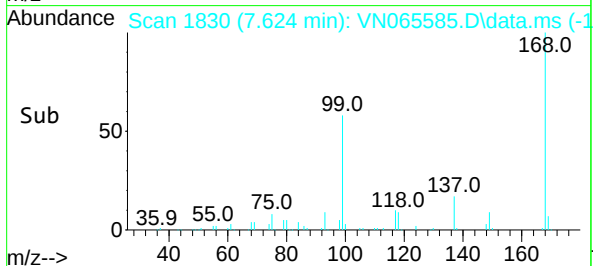
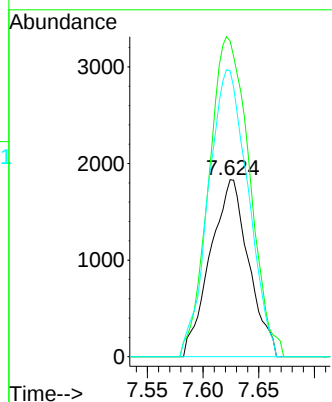
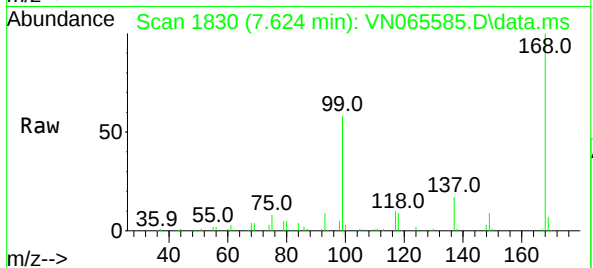
Tgt Ion: 56 Resp: 4389

Ion Ratio Lower Upper

56 100

69 178.3 26.6 39.8#

84 161.4 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 48.73 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065585.D

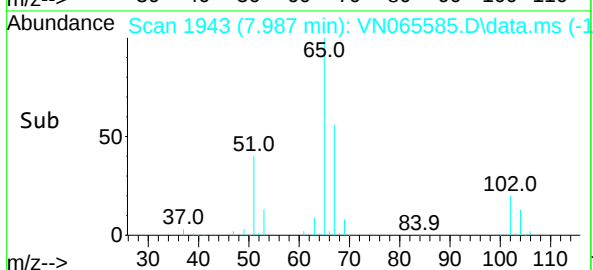
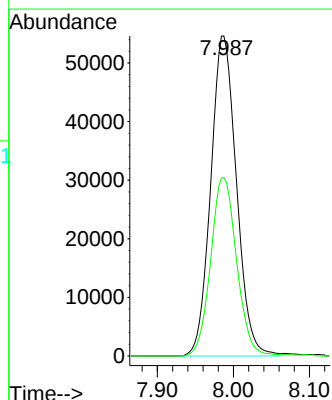
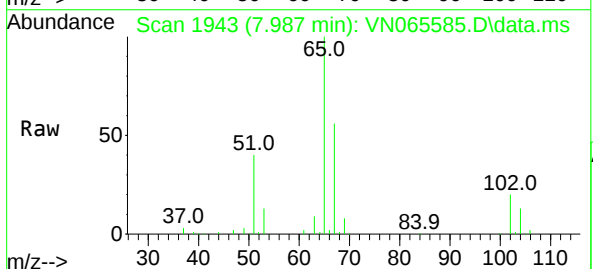
Acq: 25 Jan 2021 18:35

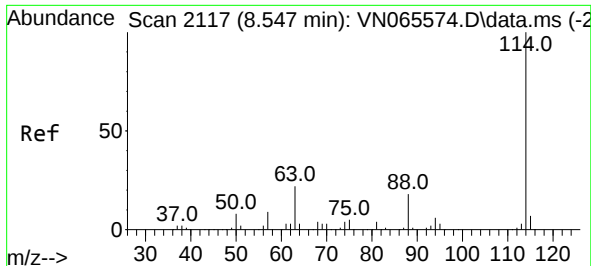
Tgt Ion: 65 Resp: 128332

Ion Ratio Lower Upper

65 100

67 56.1 0.0 107.2

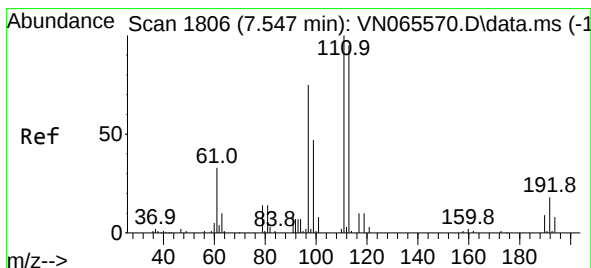
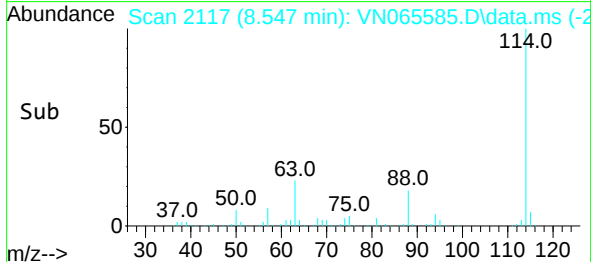
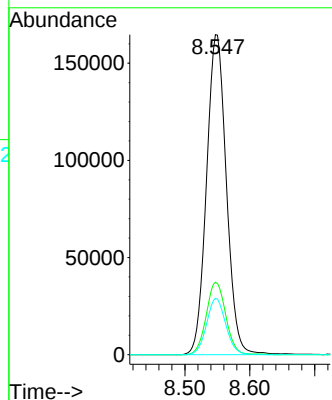
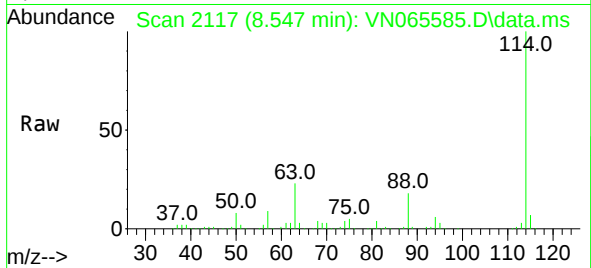




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

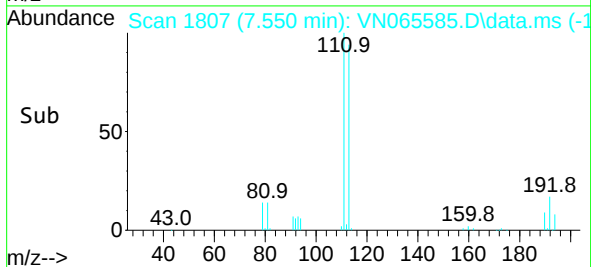
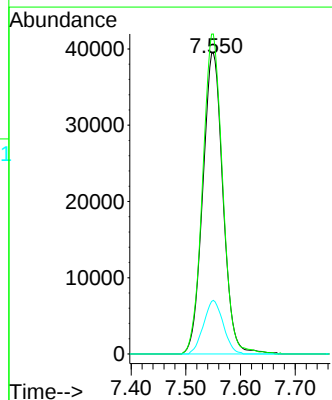
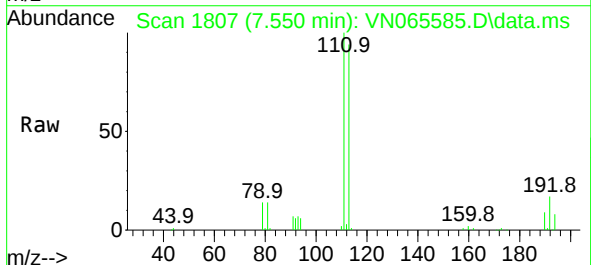
Instrument :
MSVOA_N
ClientSampleId :
MW-2

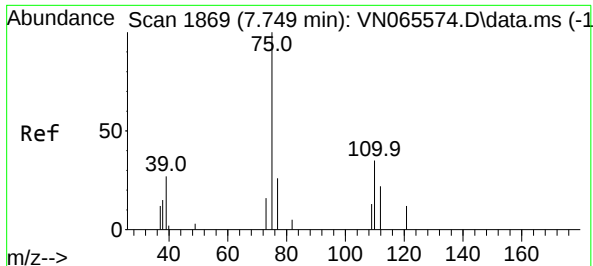
Tgt Ion:114 Resp: 349777
Ion Ratio Lower Upper
114 100
63 22.7 0.0 38.6
88 17.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.75 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

Tgt Ion:113 Resp: 101052
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.2
192 17.3 15.4 23.0

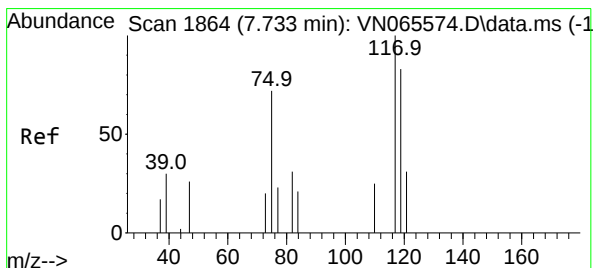
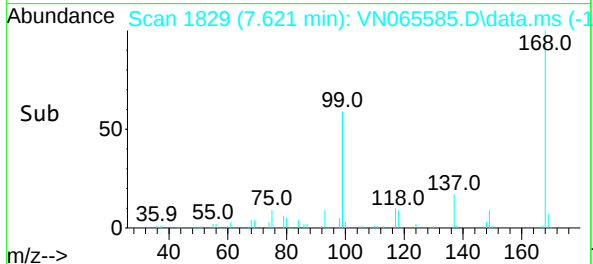
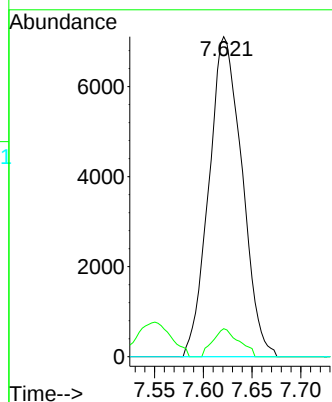
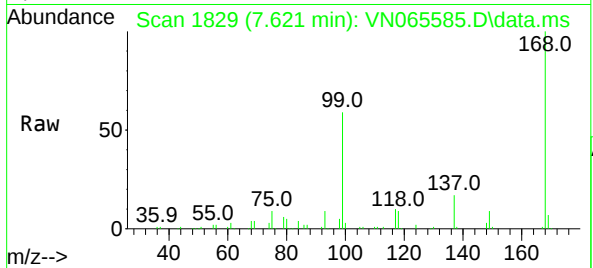




#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

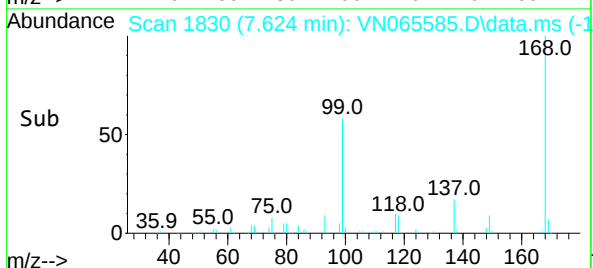
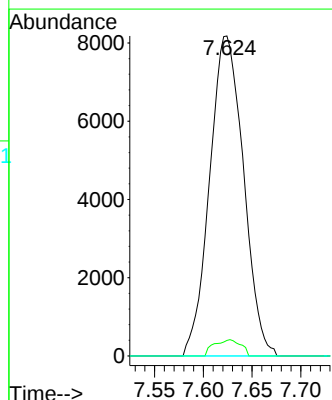
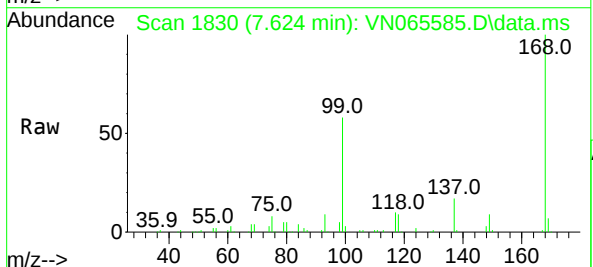
Instrument :
MSVOA_N
ClientSampled :
MW-2

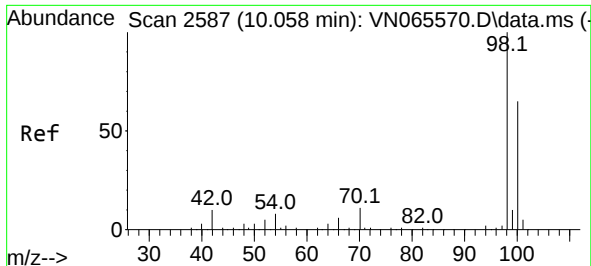
Tgt Ion: 75 Resp: 16820
Ion Ratio Lower Upper
75 100
110 6.8 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.82 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

Tgt Ion: 117 Resp: 19756
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.5 36.7#

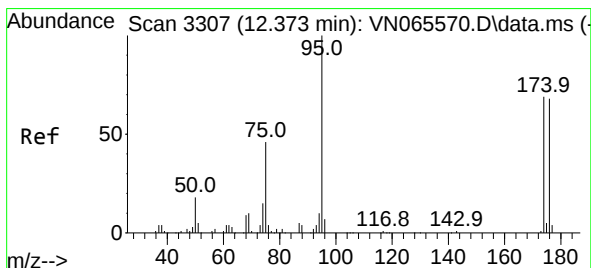
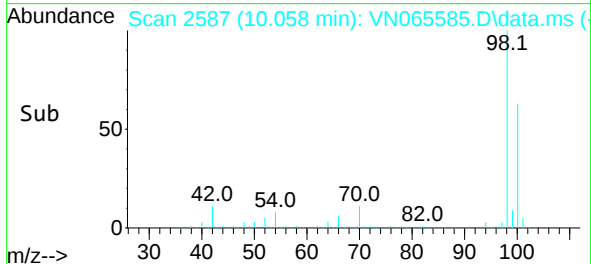
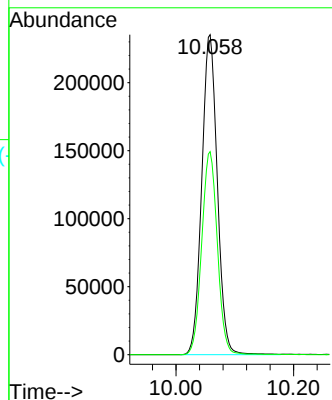
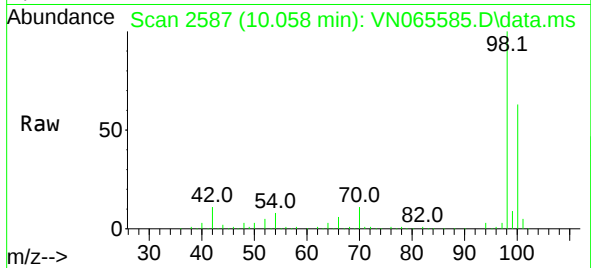




#50
Toluene-d8
Concen: 53.00 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

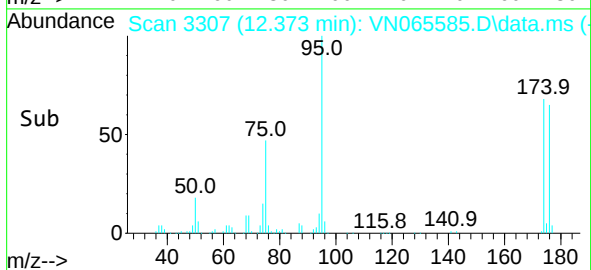
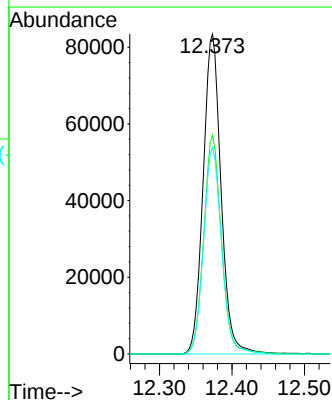
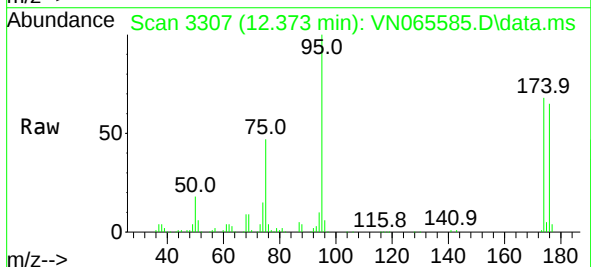
Instrument :
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MW-2

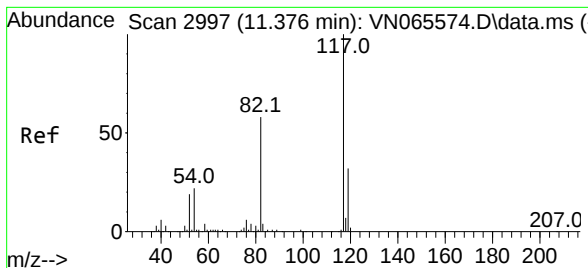
Tgt Ion: 98 Resp: 431861
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 48.76 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

Tgt Ion: 95 Resp: 143049
Ion Ratio Lower Upper
95 100
174 67.7 0.0 169.0
176 65.1 0.0 162.4

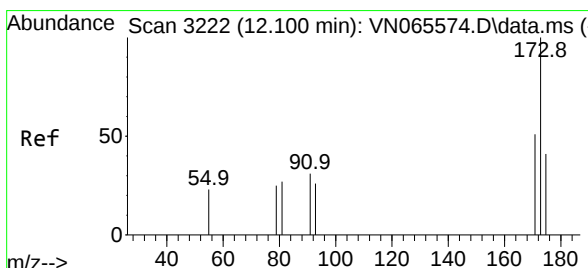
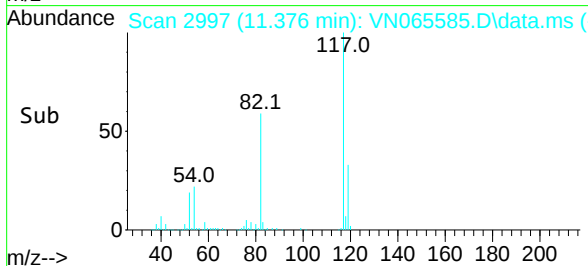
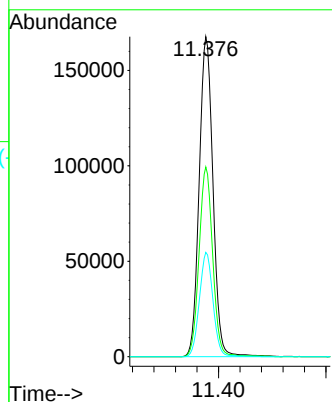
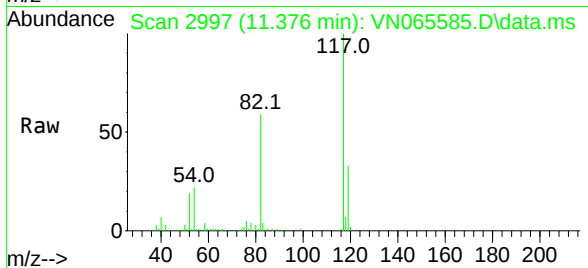




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

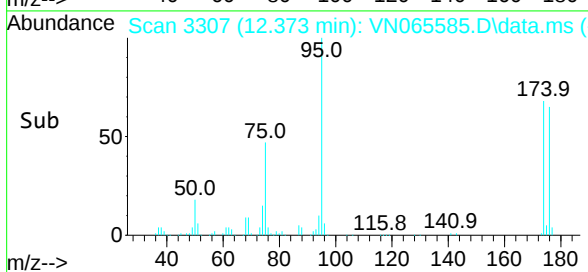
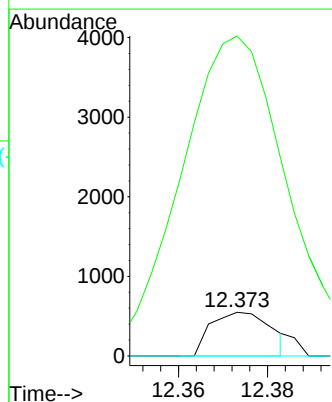
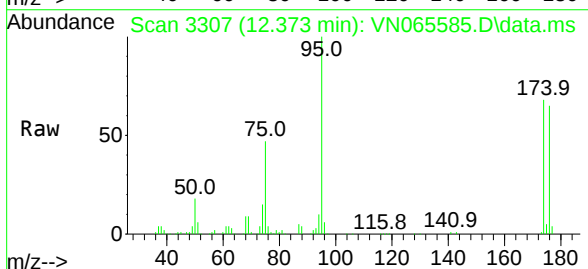
Instrument :
MSVOA_N
ClientSampled :
MW-2

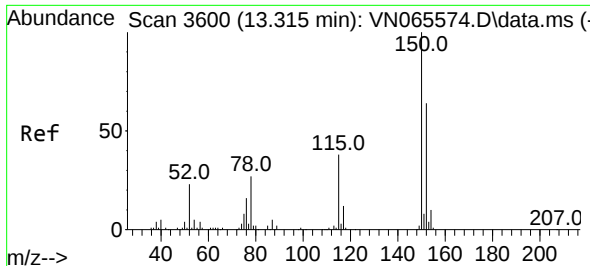
Tgt Ion:117 Resp: 298608
Ion Ratio Lower Upper
117 100
82 59.3 43.7 65.5
119 32.6 26.1 39.1



#71
Bromoform
Concen: 0.33 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

Tgt Ion:173 Resp: 510
Ion Ratio Lower Upper
173 100
175 1122.4 23.8 71.2#
254 0.0 0.0 0.0

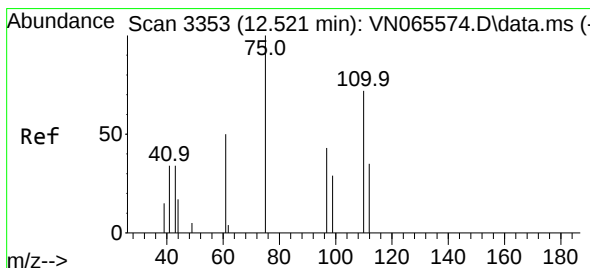
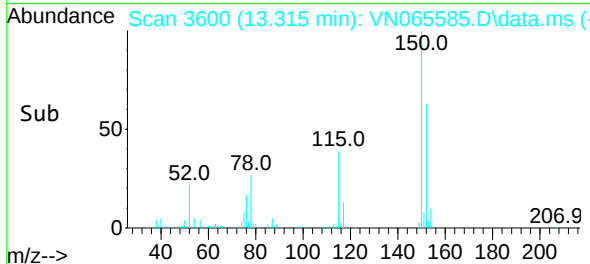
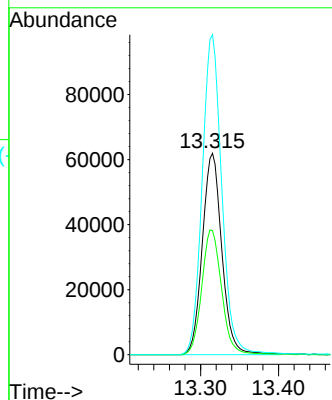
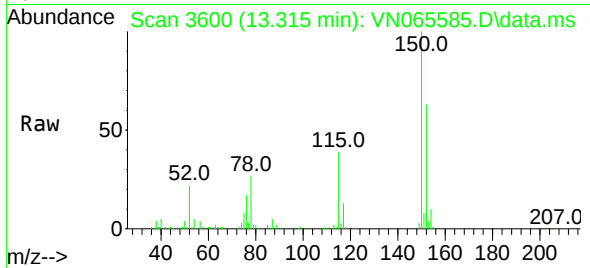




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065585.D
 Acq: 25 Jan 2021 18:35

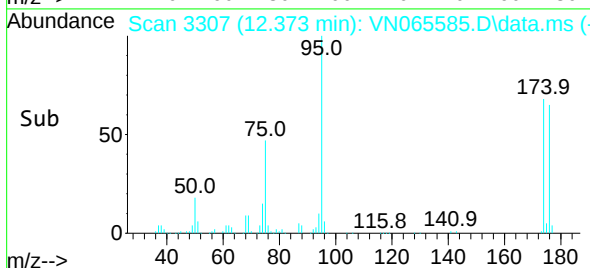
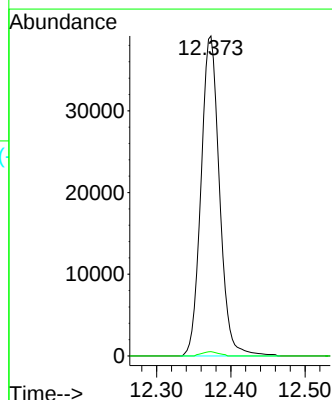
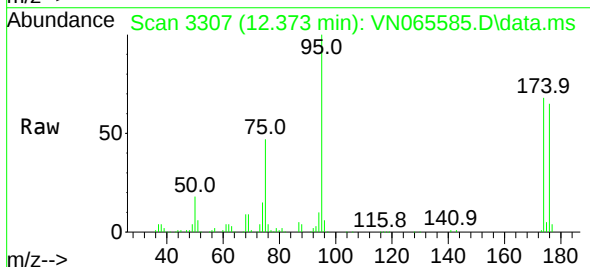
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

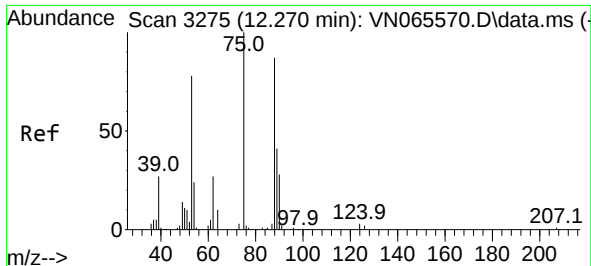
Tgt Ion:152 Resp: 107829
 Ion Ratio Lower Upper
 152 100
 115 63.0 28.5 85.6
 150 159.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 24.06 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065585.D
 Acq: 25 Jan 2021 18:35

Tgt Ion: 75 Resp: 67843
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

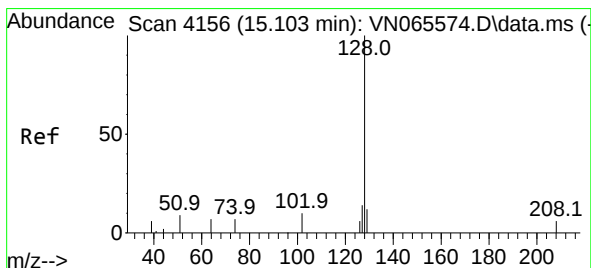
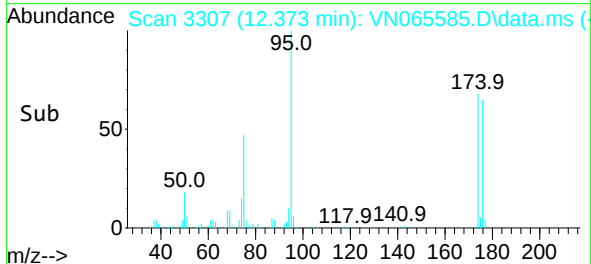
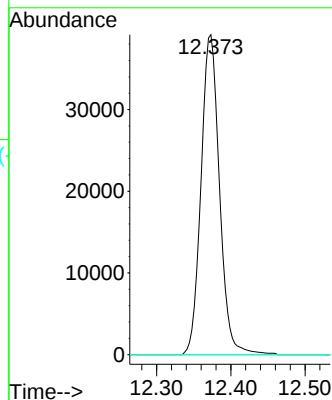
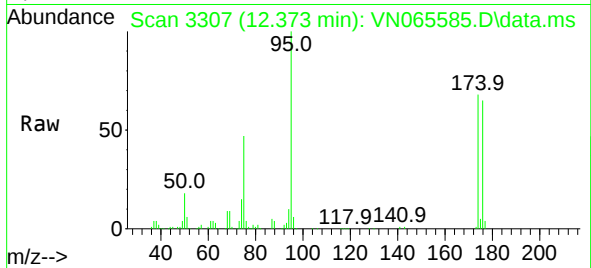




#81
trans-1,4-Dichloro-2-butene
Concen: 61.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tgt Ion: 75 Resp: 67843
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 4.83 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065585.D
Acq: 25 Jan 2021 18:35

Tgt Ion: 128 Resp: 10364
Ion Ratio Lower Upper
128 100
127 10.8 10.2 15.2
129 8.6 8.6 13.0#

