

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065810.D
 Acq On : 11 Feb 2021 12:51
 Operator : JC/MD
 Sample : VN0211WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 11 13:33:48 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	163696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	270372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	237573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	83941	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	89808	41.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.40%
35) Dibromofluoromethane	7.547	113	76658	47.85	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.70%
50) Toluene-d8	10.058	98	329257	52.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.56%
62) 4-Bromofluorobenzene	12.373	95	103409	45.60	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.20%

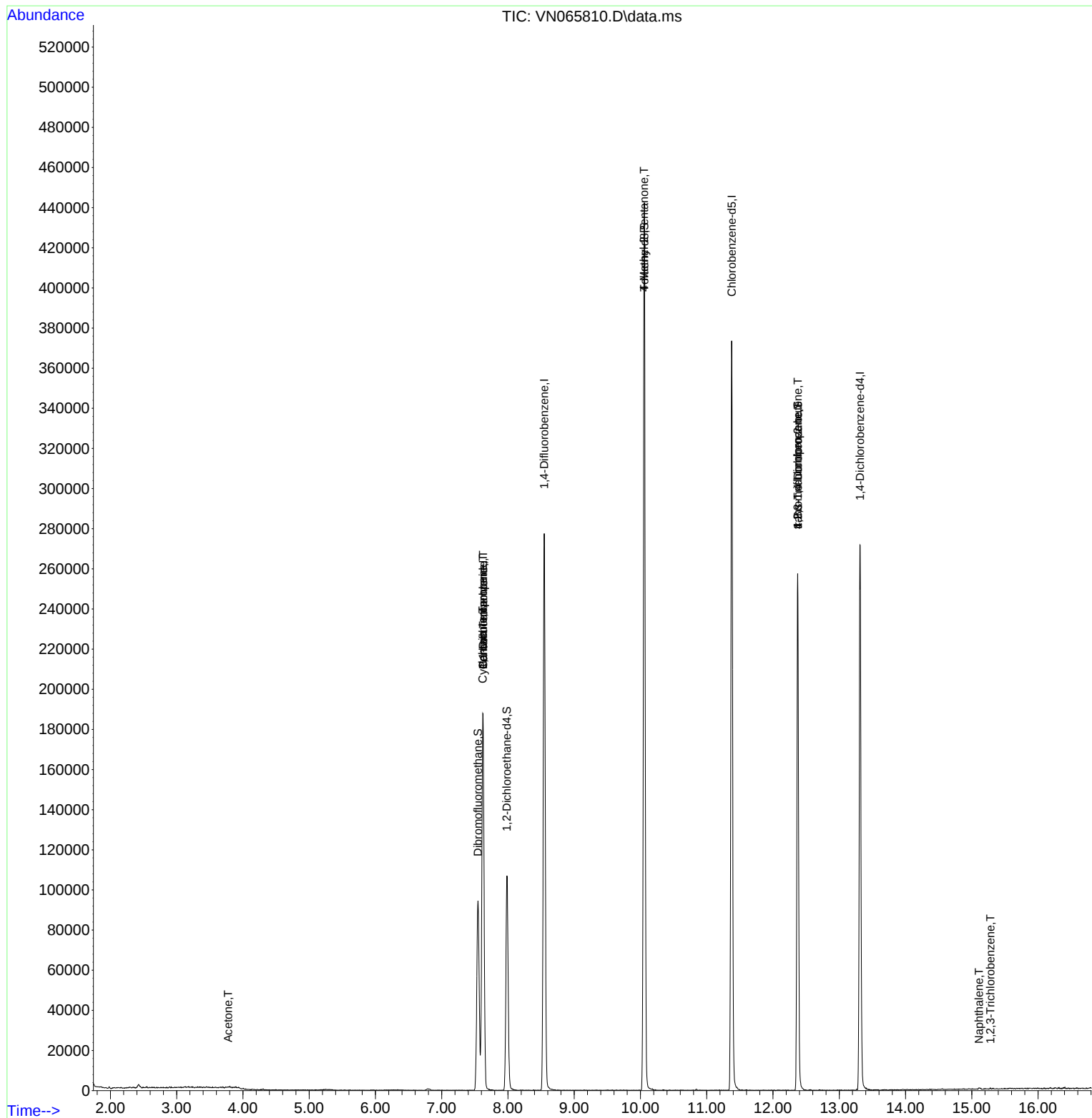
Target Compounds						Qvalue
16) Acetone	3.775	43	236	0.28	ug/l #	41
31) Cyclohexane	7.618	56	2600	0.64	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	11092	4.08	ug/l #	47
38) Carbon Tetrachloride	7.624	117	14804	6.61	ug/l #	17
51) 4-Methyl-2-Pentanone	10.055	43	1186	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	45841	20.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	45841	53.49	ug/l #	12
95) Naphthalene	15.109	128	426	3.52	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.283	180	135	2.92	ug/l #	70

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

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Response via : Initial Calibration

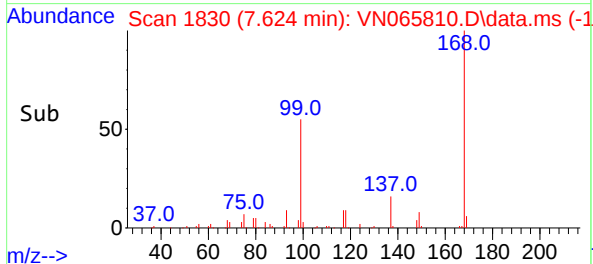
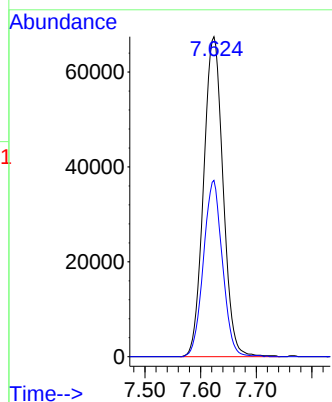
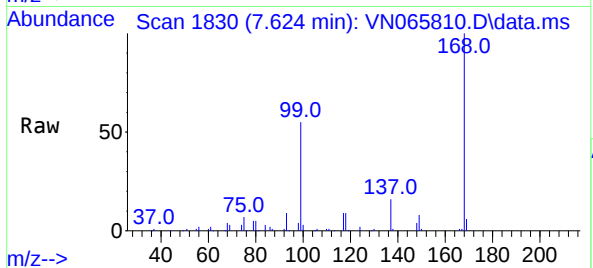




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

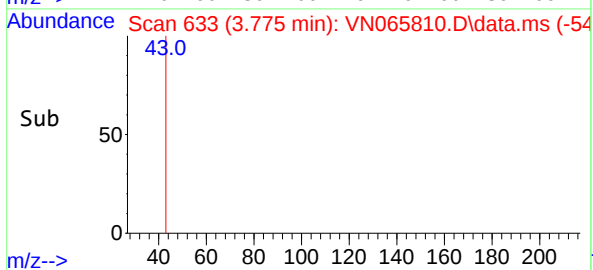
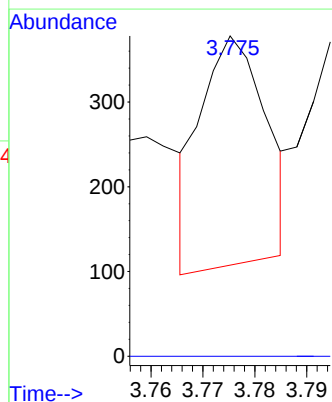
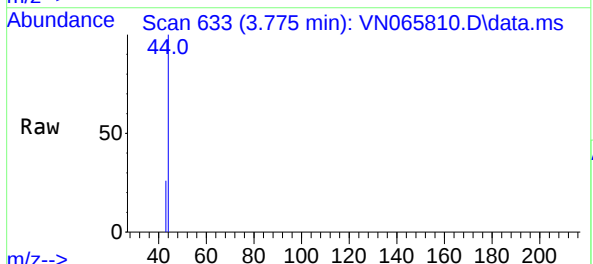
Instrument :
MSVOA_N
ClientSampled :

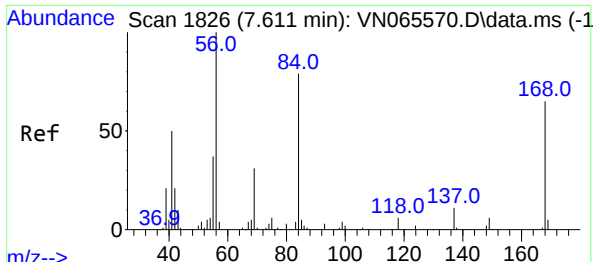
Tgt Ion:168 Resp: 163696
Ion Ratio Lower Upper
168 100
99 55.1 42.6 63.8



#16
Acetone
Concen: 0.28 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

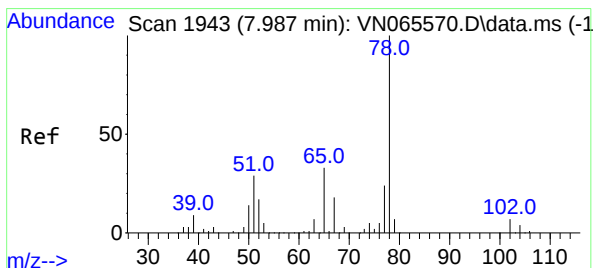
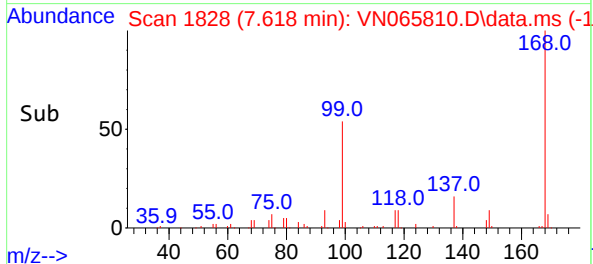
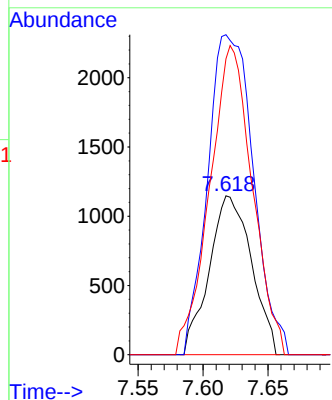
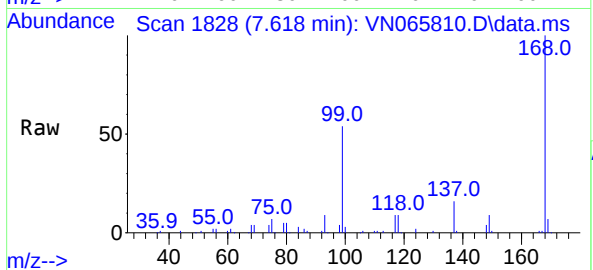




#31
Cyclohexane
Concen: 0.64 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

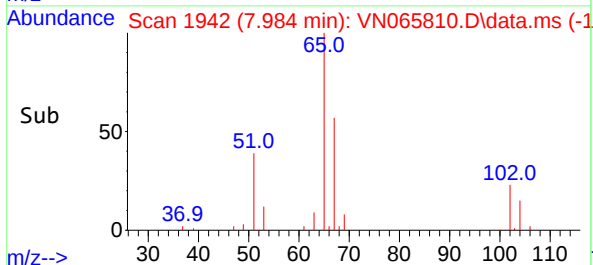
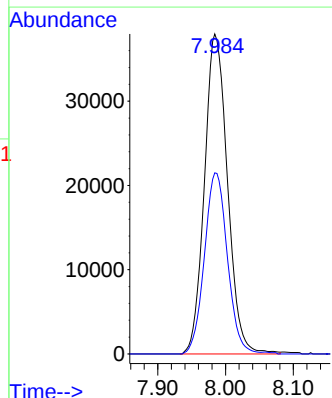
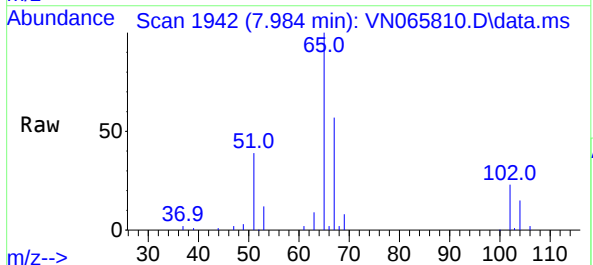
Instrument :
MSVOA_N
ClientSampled :

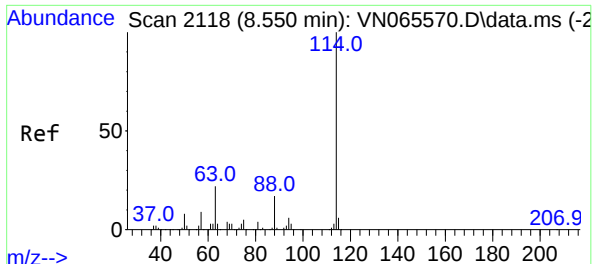
Tgt Ion: 56 Resp: 2600
Ion Ratio Lower Upper
56 100
69 201.3 26.6 39.8#
84 171.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 41.70 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

Tgt Ion: 65 Resp: 89808
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2



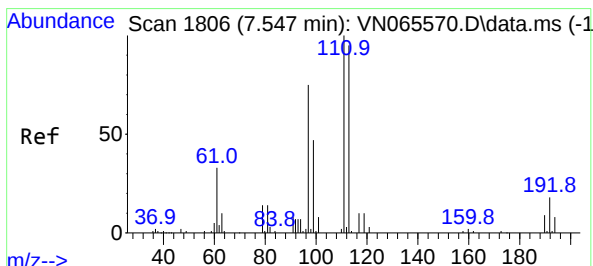
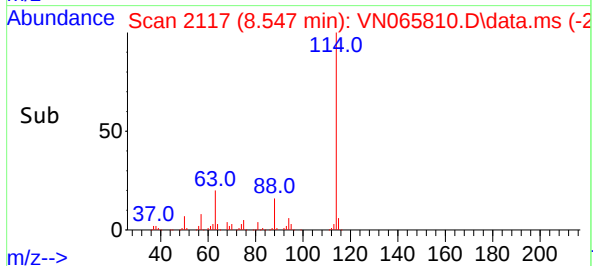
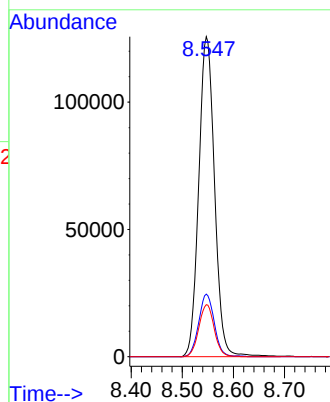
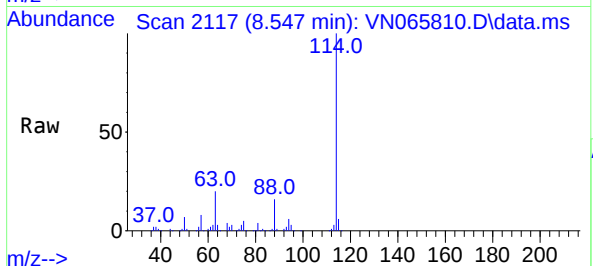


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

Instrument :
MSVOA_N
ClientSampled :

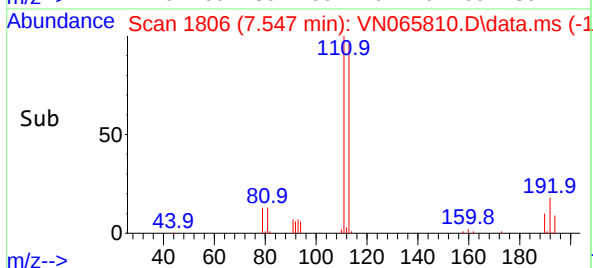
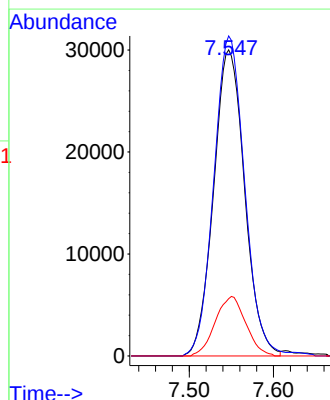
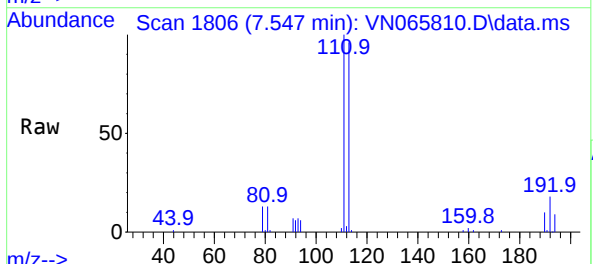
Tgt Ion:114 Resp: 270372
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 16.2 0.0 30.6

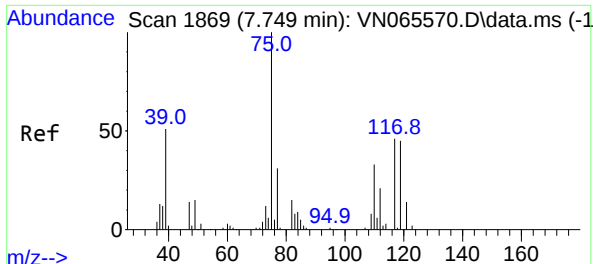


#35

Dibromofluoromethane
Concen: 47.85 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

Tgt Ion:113 Resp: 76658
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.2 15.4 23.0

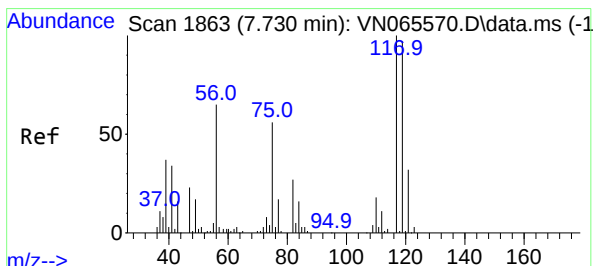
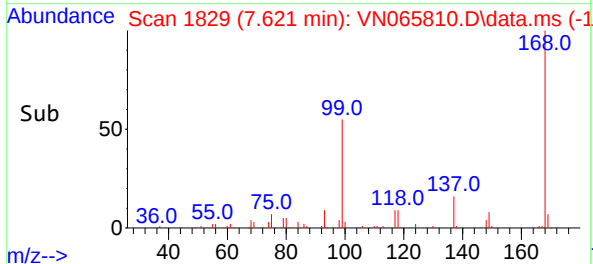
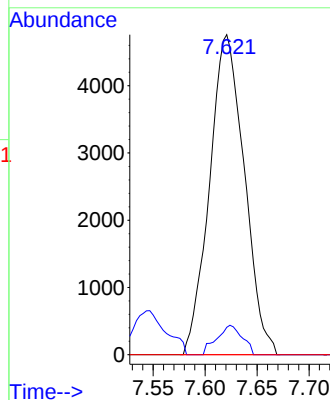
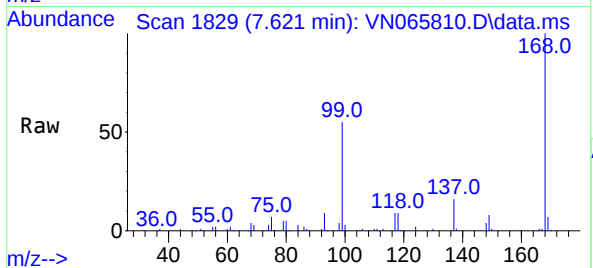




#36
1,1-Dichloropropene
Concen: 4.08 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

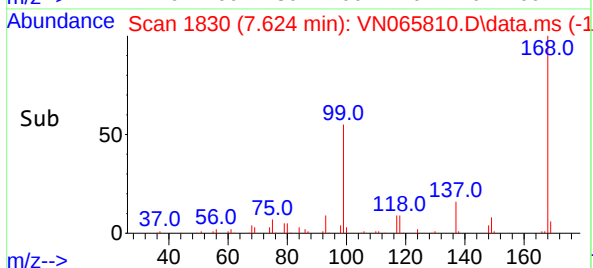
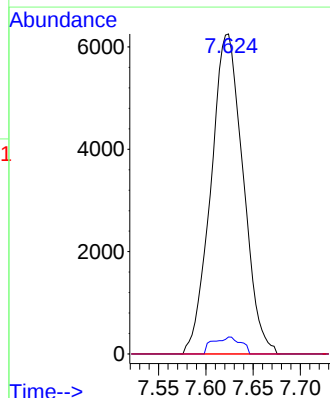
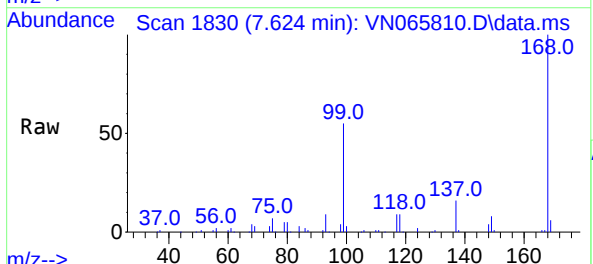
Instrument :
MSVOA_N
ClientSampled :

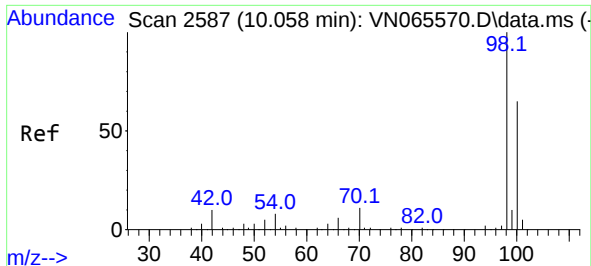
Tgt Ion: 75 Resp: 11092
Ion Ratio Lower Upper
75 100
110 6.7 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.61 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

Tgt Ion: 117 Resp: 14804
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#

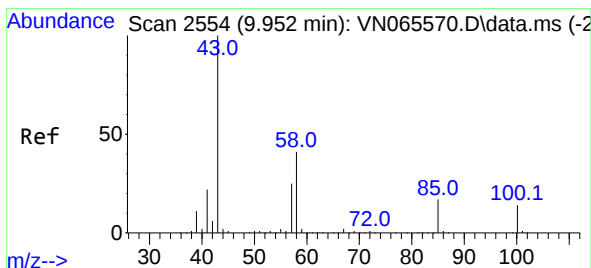
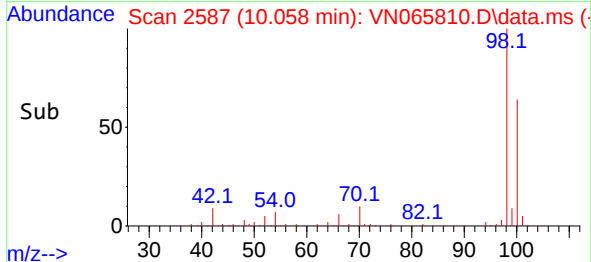
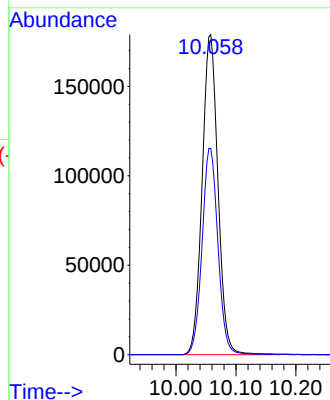
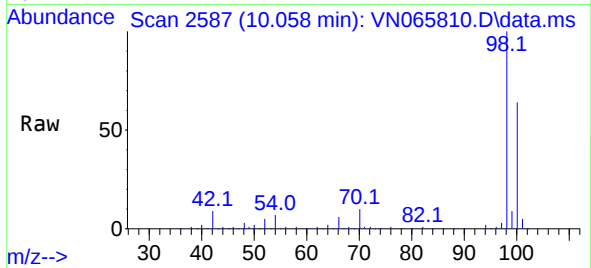




#50
Toluene-d8
Concen: 52.28 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

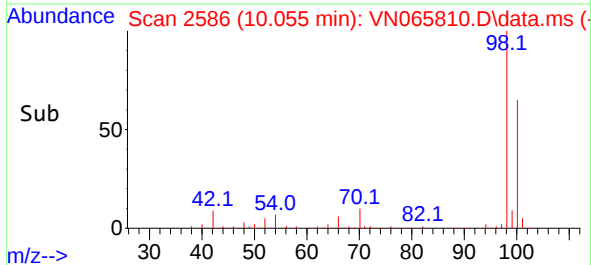
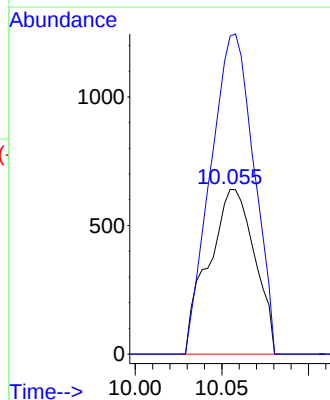
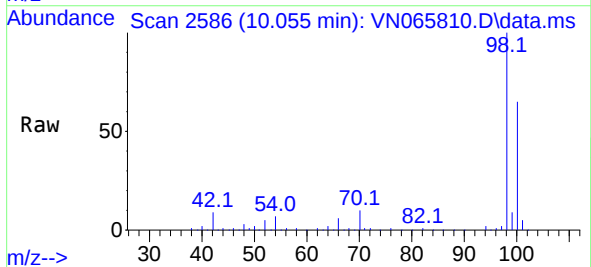
Instrument :
MSVOA_N
ClientSampled :

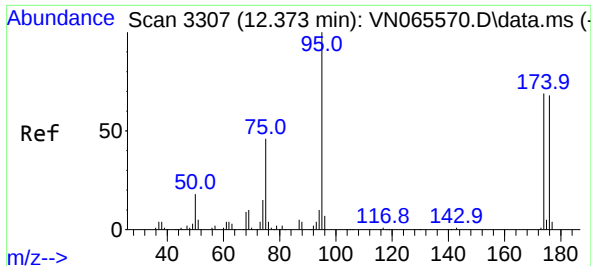
Tgt Ion: 98 Resp: 329257
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
58 182.2 32.5 48.7#

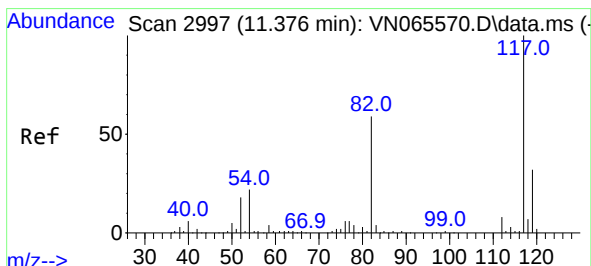
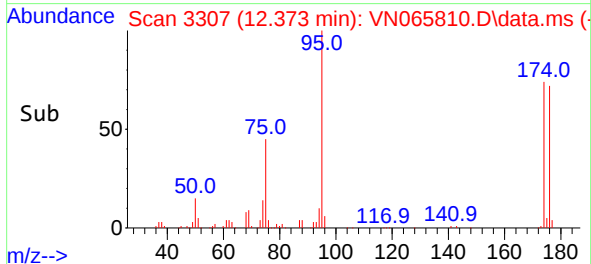
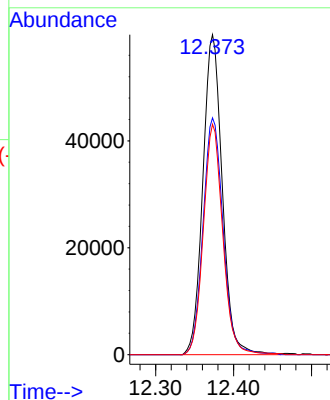
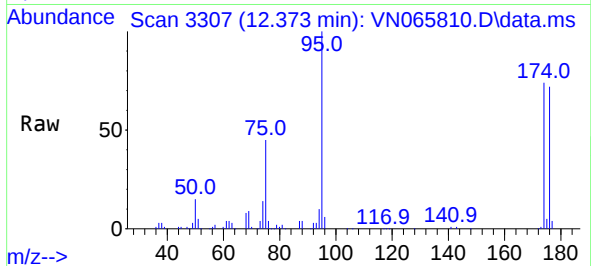




#62
4-Bromofluorobenzene
Concen: 45.60 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

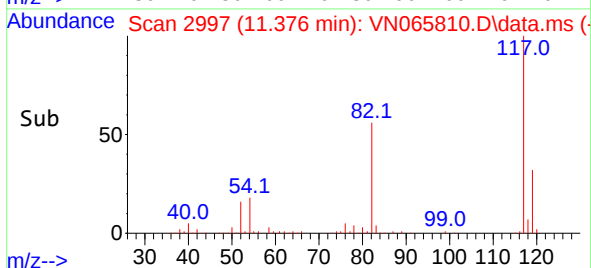
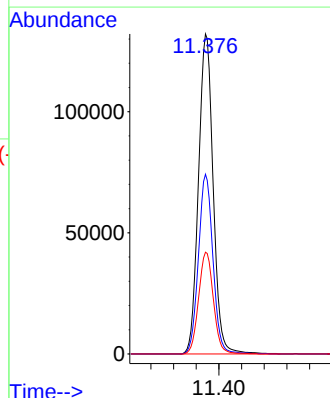
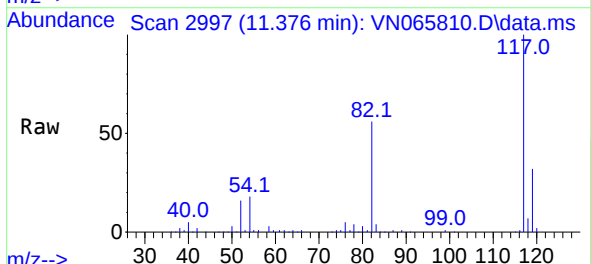
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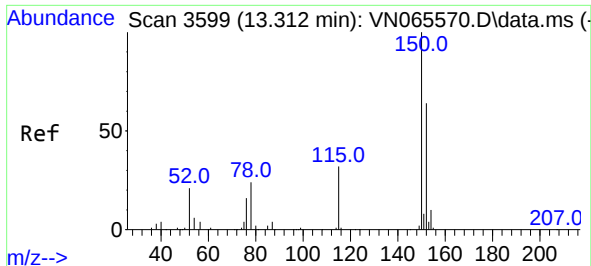
Tgt Ion: 95 Resp: 103409
Ion Ratio Lower Upper
95 100
174 76.5 0.0 169.0
176 72.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

Tgt Ion: 117 Resp: 237573
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 31.8 26.1 39.1

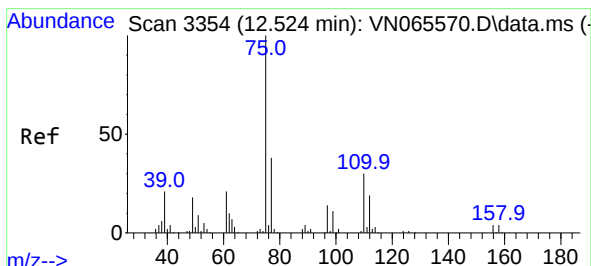
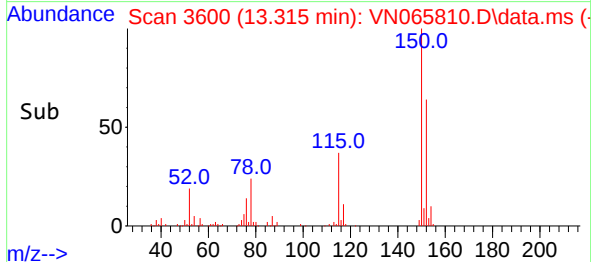
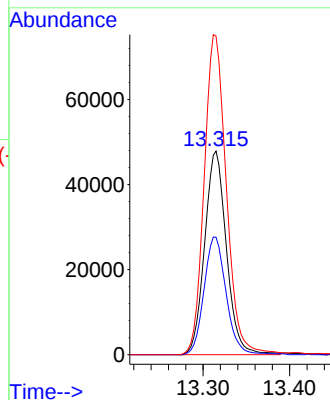
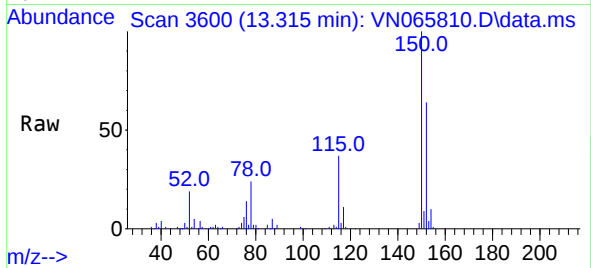




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

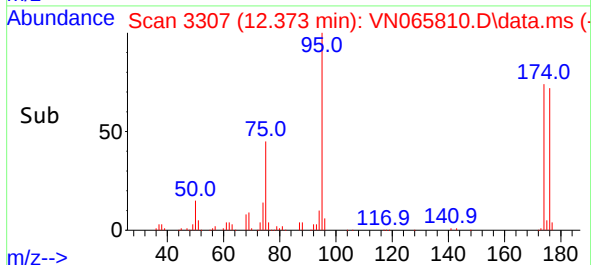
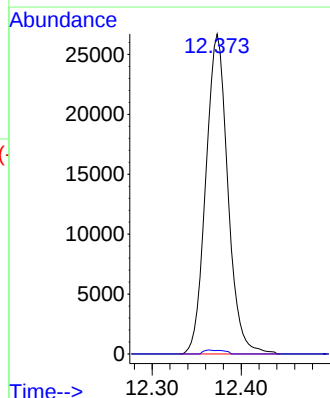
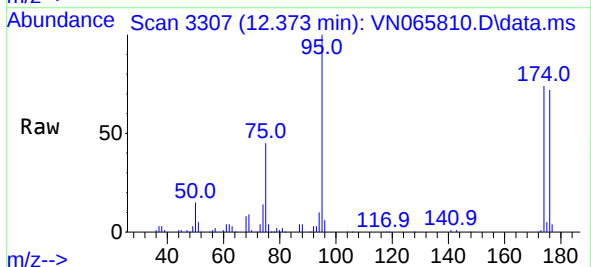
Instrument :
MSVOA_N
ClientSampled :

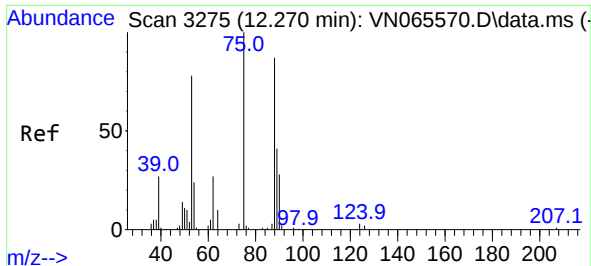
Tgt Ion:152 Resp: 83941
Ion Ratio Lower Upper
152 100
115 58.6 28.5 85.6
150 159.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 20.88 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

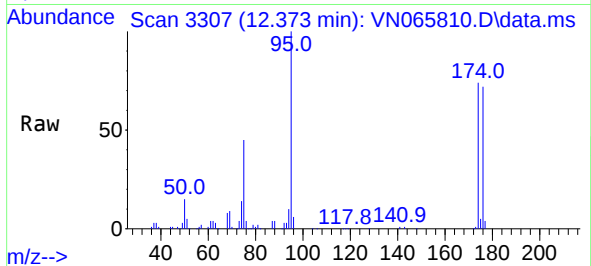
Tgt Ion: 75 Resp: 45841
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



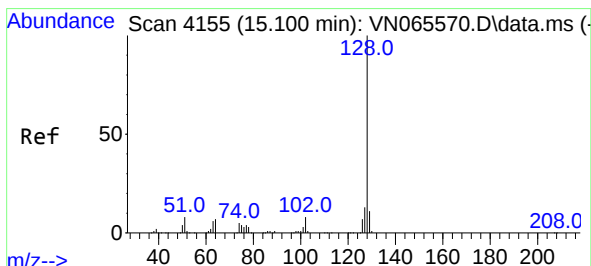
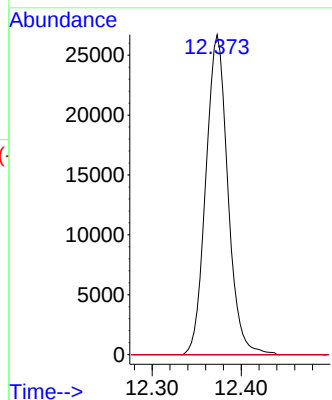
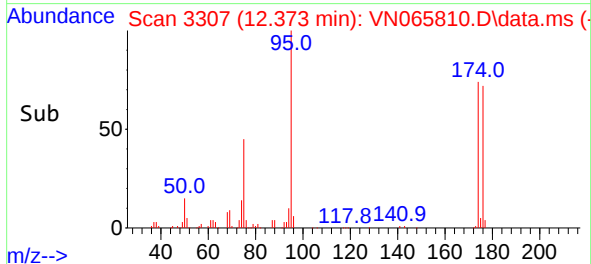


#81
trans-1,4-Dichloro-2-butene
Concen: 53.49 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

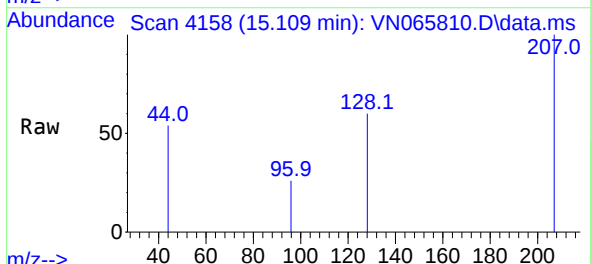
Instrument :
MSVOA_N
ClientSampled :



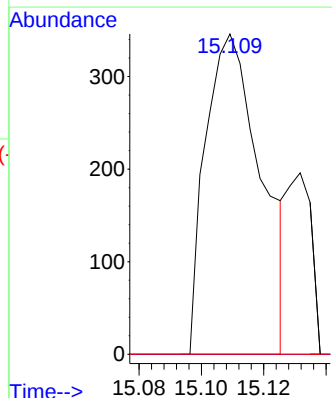
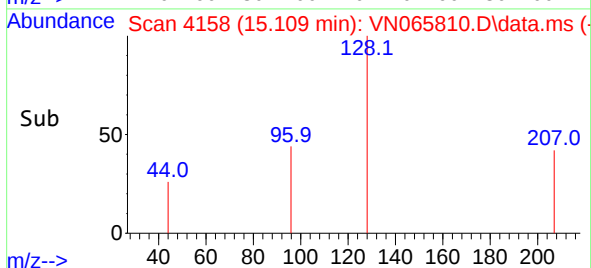
Tgt Ion: 75 Resp: 45841
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

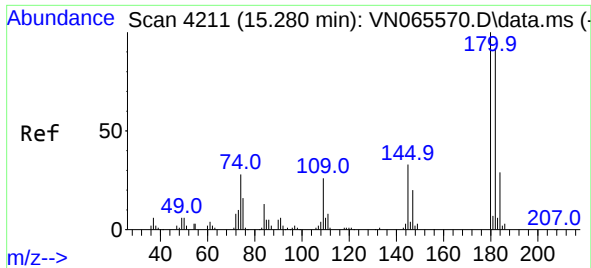


#95
Naphthalene
Concen: 3.52 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51



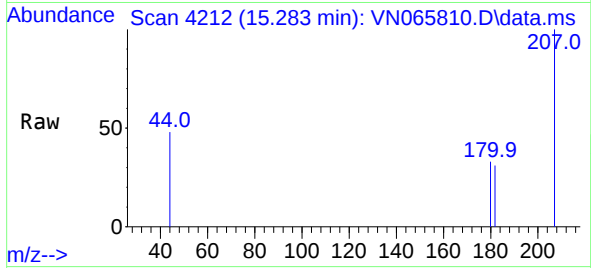
Tgt Ion: 128 Resp: 426
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#





#96
1,2,3-Trichlorobenzene
Concen: 2.92 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN065810.D
Acq: 11 Feb 2021 12:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 135
Ion Ratio Lower Upper
180 100
182 74.8 47.4 142.3
145 0.0 16.5 49.5#

