

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065589.D
 Acq On : 25 Jan 2021 20:13
 Operator : JC/MD
 Sample : M1218-06 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 26 01:50:36 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	209073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	355491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	312944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	112547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	129265	47.00	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.00%
35) Dibromofluoromethane	7.547	113	103212	48.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.98%
50) Toluene-d8	10.058	98	443228	53.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.06%
62) 4-Bromofluorobenzene	12.373	95	149205	50.04	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.08%

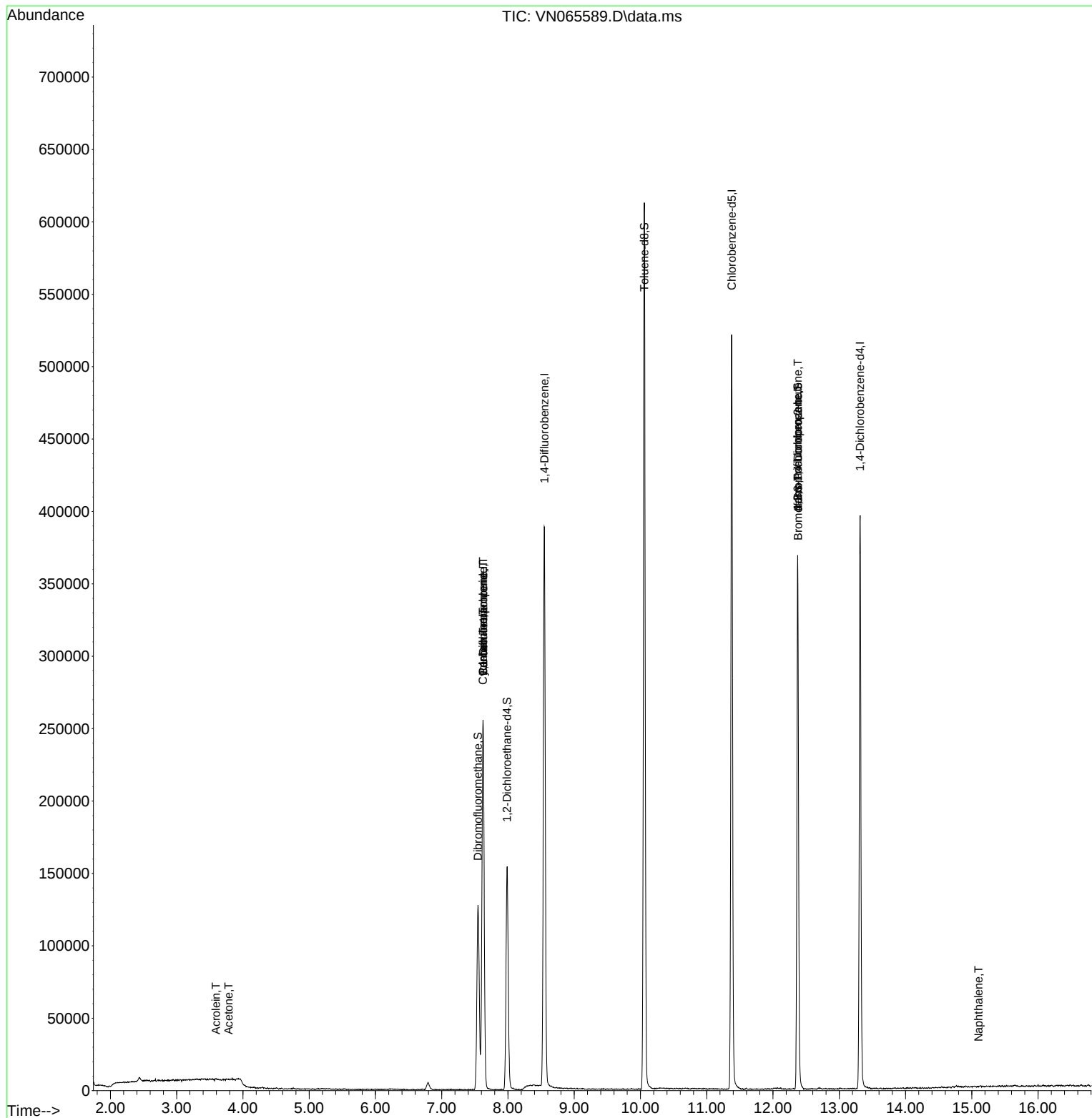
Target Compounds						Qvalue
13) Acrolein	3.592	56	314	18.74	ug/l	90
16) Acetone	3.782	43	231	0.22	ug/l #	27
31) Cyclohexane	7.621	56	4144	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16814	4.70	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19668	6.68	ug/l #	16
71) Bromoform	12.376	173	574	0.36	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	69540	23.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	69540	60.52	ug/l #	12
95) Naphthalene	15.103	128	66	3.46	ug/l #	69

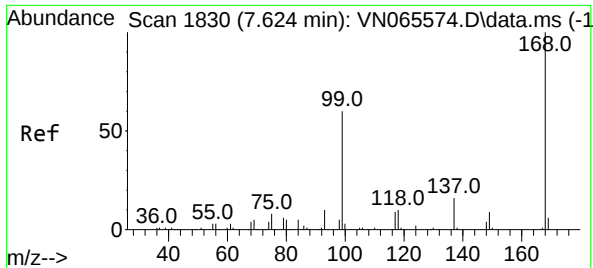
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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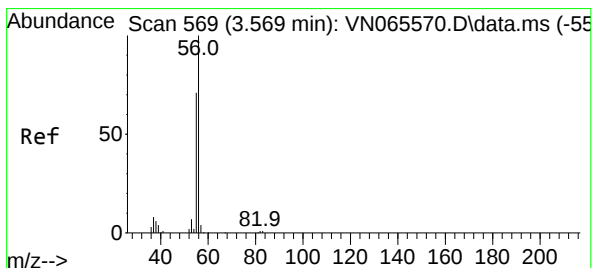
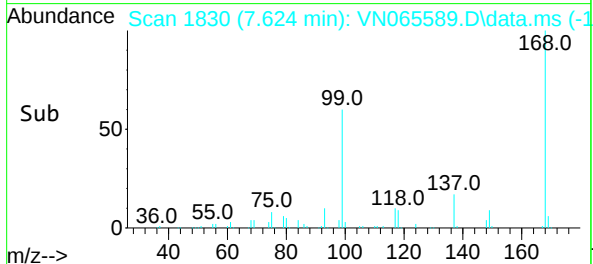
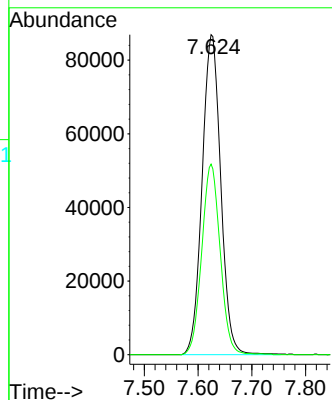
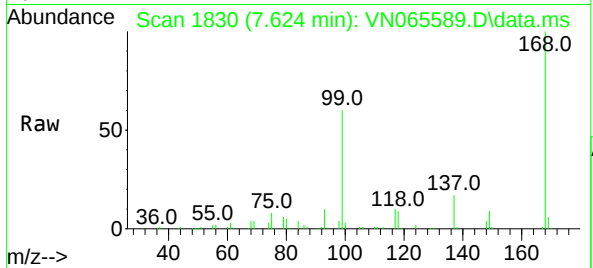




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

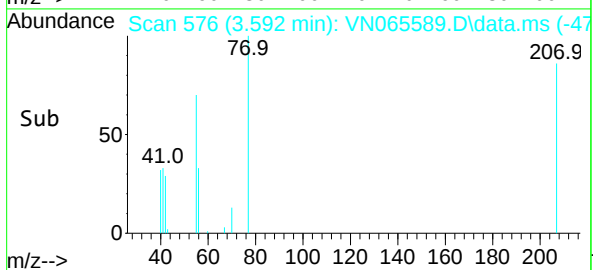
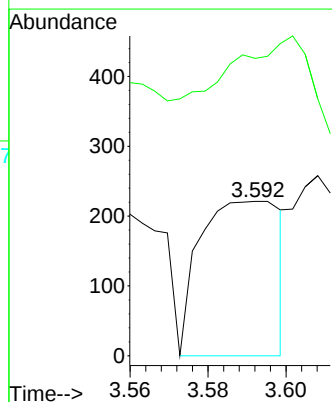
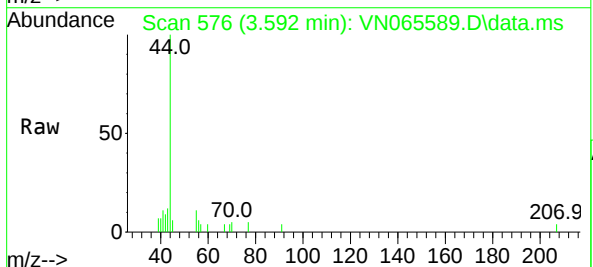
Instrument :
MSVOA_N
ClientSampleId :

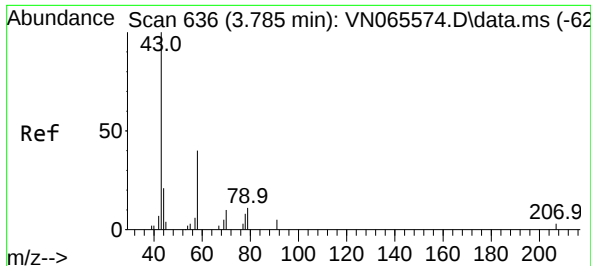
Tgt Ion:168 Resp: 209073
Ion Ratio Lower Upper
168 100
99 59.6 42.6 63.8



#13
Acrolein
Concen: 18.74 ug/l
RT: 3.592 min Scan# 576
Delta R.T. 0.023 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

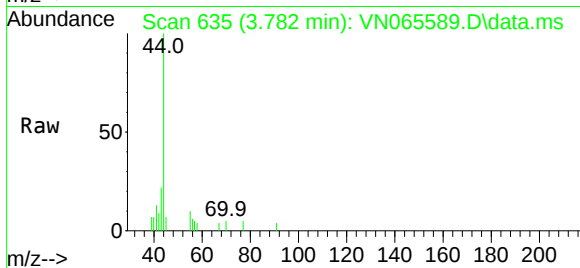
Tgt Ion: 56 Resp: 314
Ion Ratio Lower Upper
56 100
55 61.5 56.0 84.0



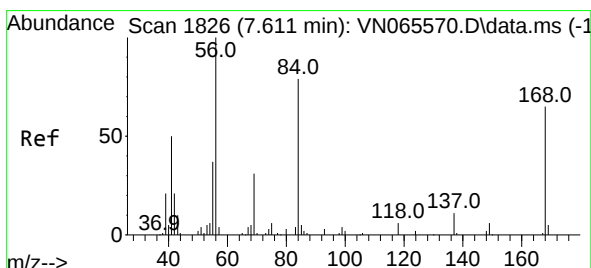
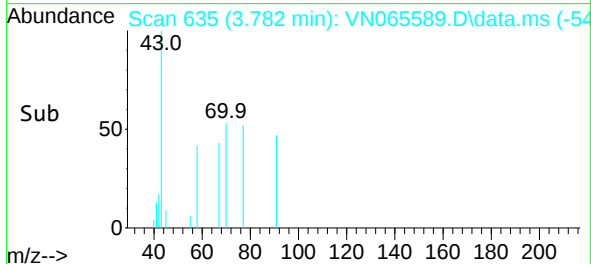
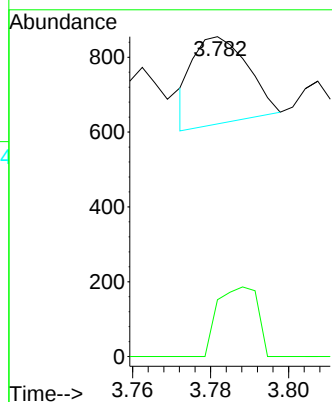


#16
Acetone
Concen: 0.22 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

Instrument :
MSVOA_N
ClientSampled :

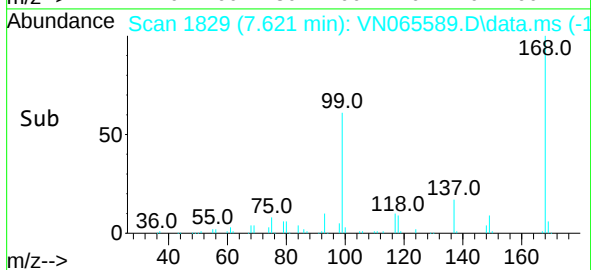
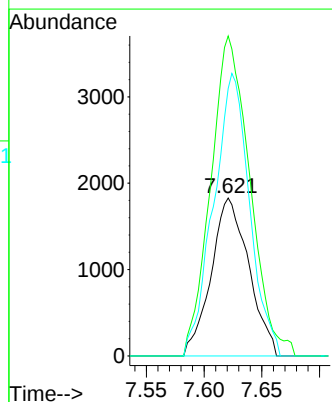
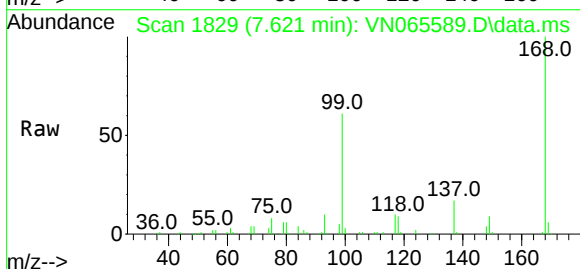


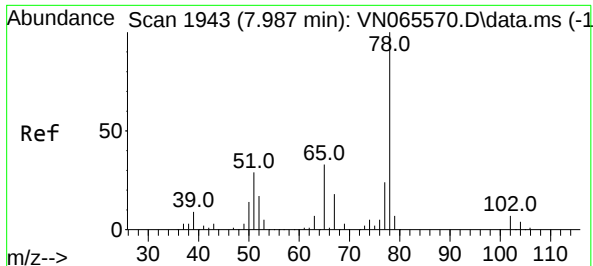
Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
58 75.2 27.0 40.6#



#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

Tgt Ion: 56 Resp: 4144
Ion Ratio Lower Upper
56 100
69 202.7 26.6 39.8#
84 169.4 70.4 105.6#



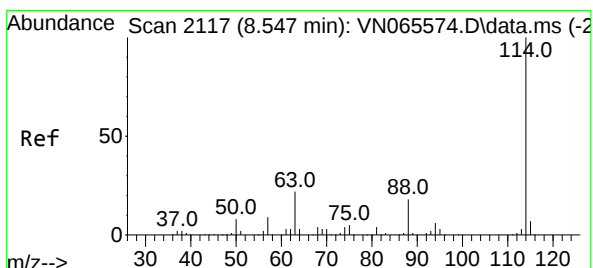
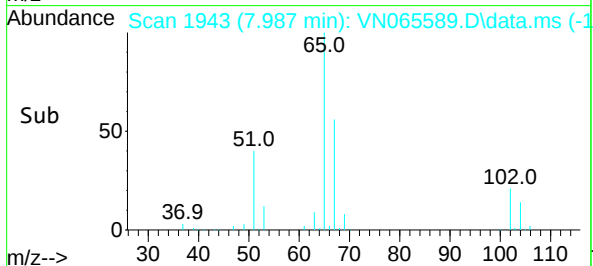
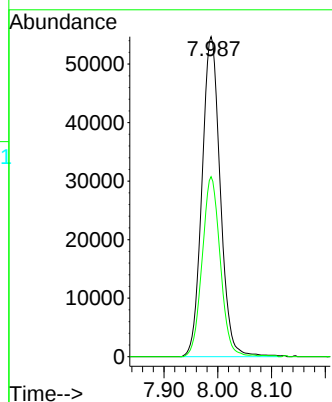
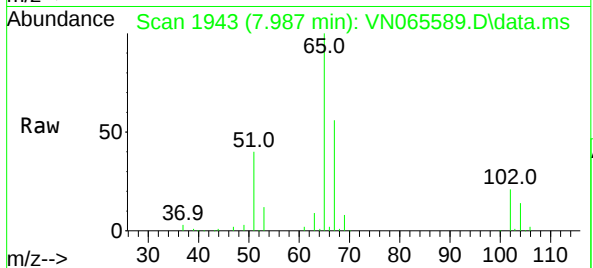


#33

1,2-Dichloroethane-d4
Concen: 47.00 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

Instrument :
MSVOA_N
ClientSampled :

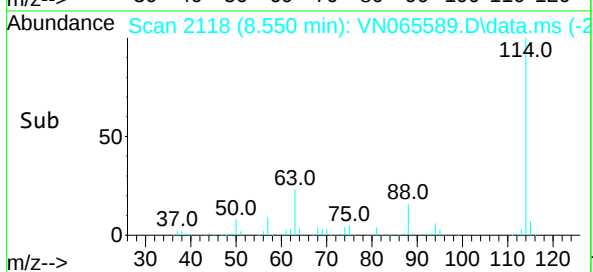
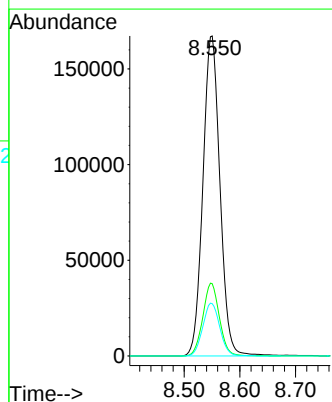
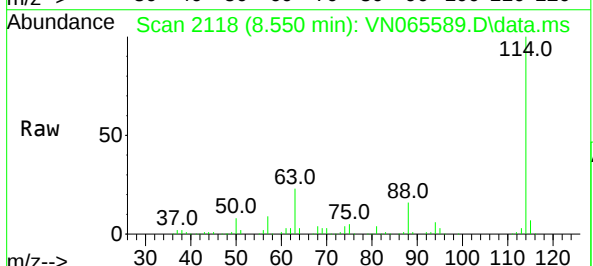
Tgt Ion: 65 Resp: 129265
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.2

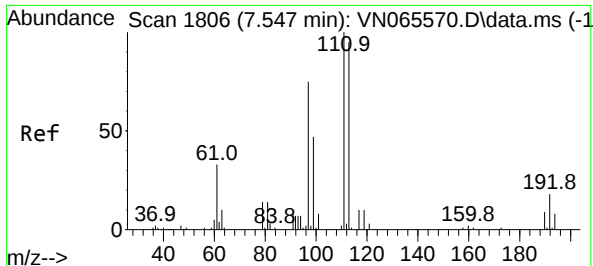


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

Tgt Ion: 114 Resp: 355491
Ion Ratio Lower Upper
114 100
63 22.6 0.0 38.6
88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.99 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065589.D

Acq: 25 Jan 2021 20:13

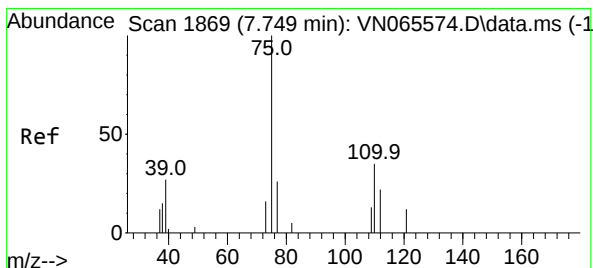
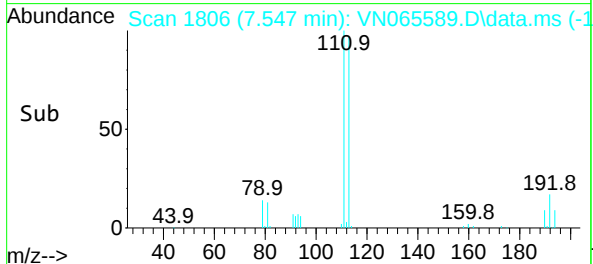
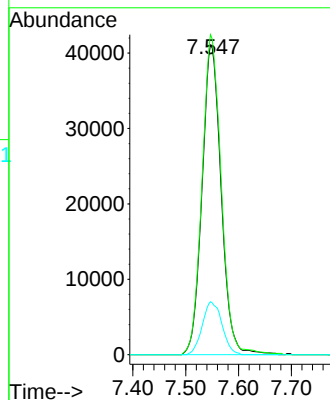
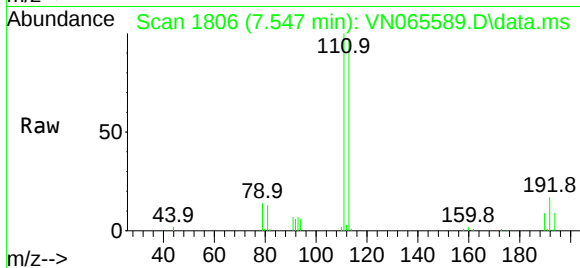
Tgt Ion:113 Resp: 103212

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 17.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.70 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065589.D

Acq: 25 Jan 2021 20:13

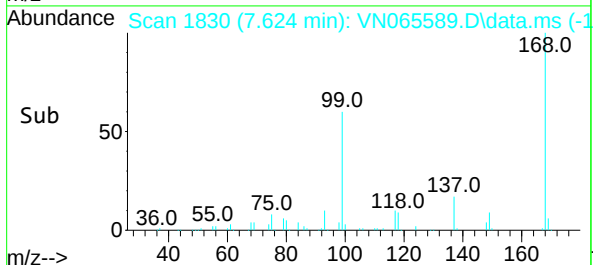
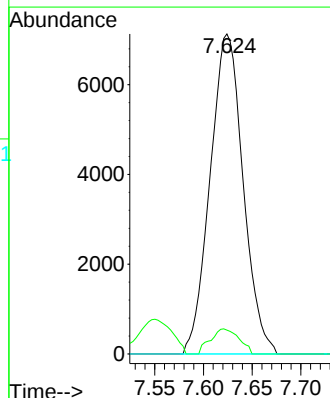
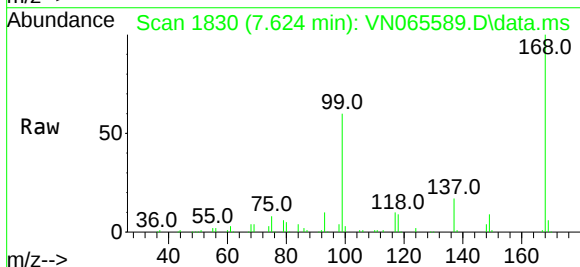
Tgt Ion: 75 Resp: 16814

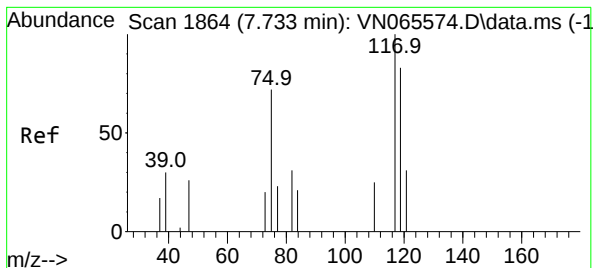
Ion Ratio Lower Upper

75 100

110 6.8 18.2 54.6#

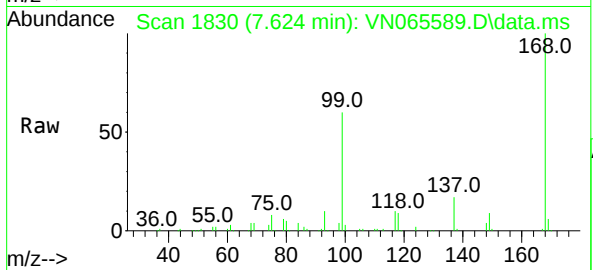
77 0.0 24.9 37.3#



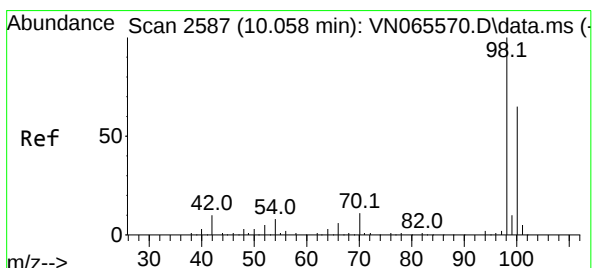
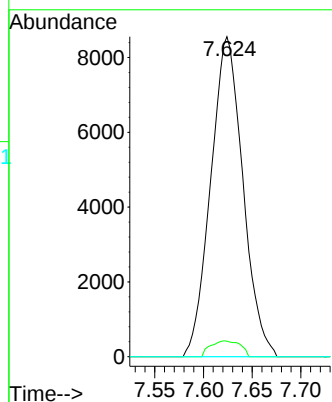
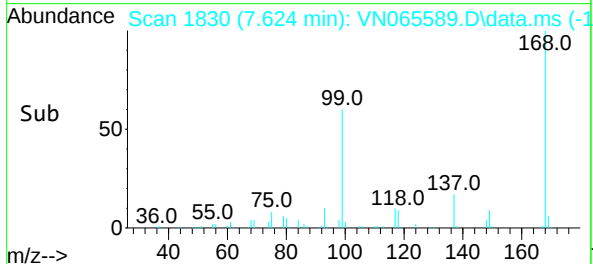


#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

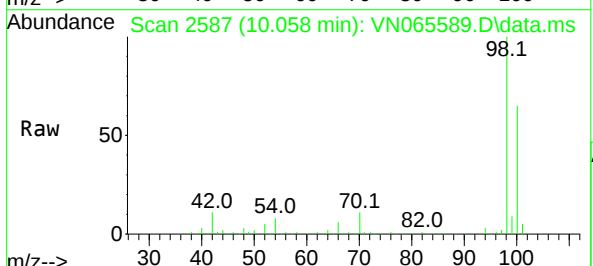
Instrument :
MSVOA_N
ClientSampled :



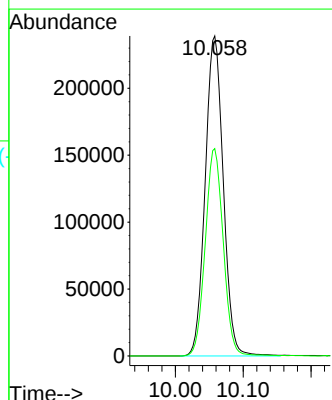
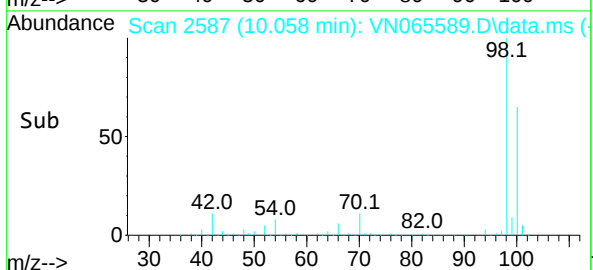
Tgt Ion:117 Resp: 19668
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.5 36.7#

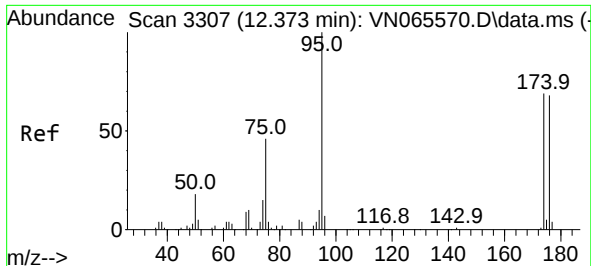


#50
Toluene-d8
Concen: 53.53 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13



Tgt Ion: 98 Resp: 443228
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

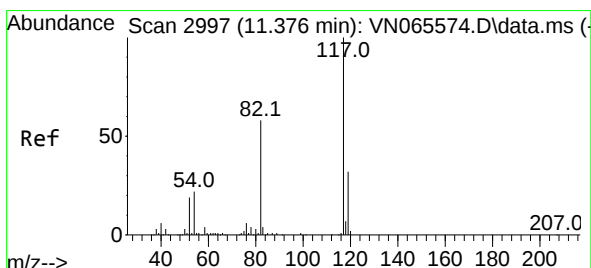
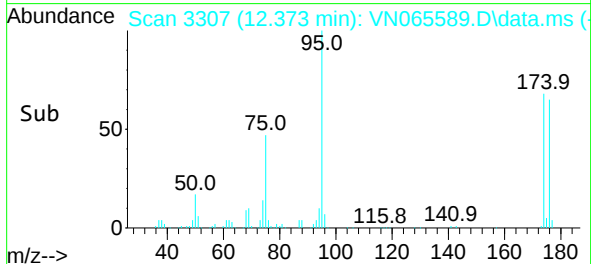
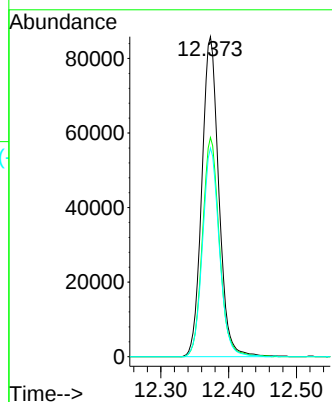
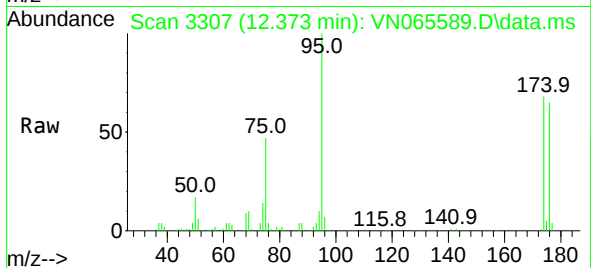




#62
4-Bromofluorobenzene
Concen: 50.04 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

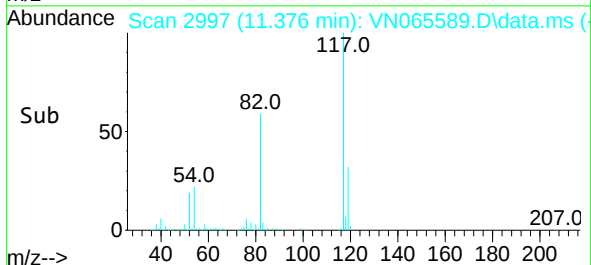
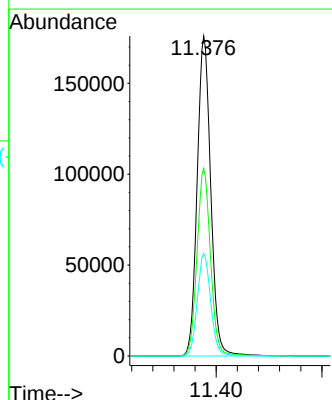
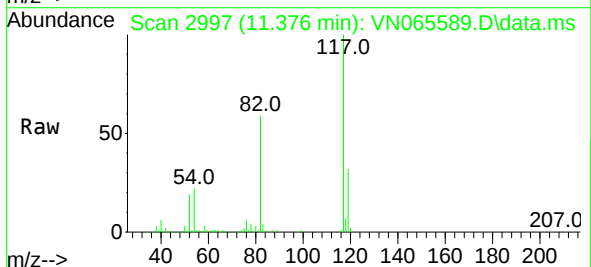
Instrument :
MSVOA_N
ClientSampled :

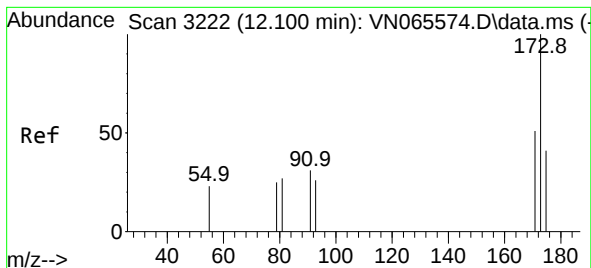
Tgt Ion: 95 Resp: 149205
Ion Ratio Lower Upper
95 100
174 68.4 0.0 169.0
176 64.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

Tgt Ion: 117 Resp: 312944
Ion Ratio Lower Upper
117 100
82 58.6 43.7 65.5
119 32.0 26.1 39.1





#71

Bromoform

Concen: 0.36 ug/l

RT: 12.376 min Scan# 3308

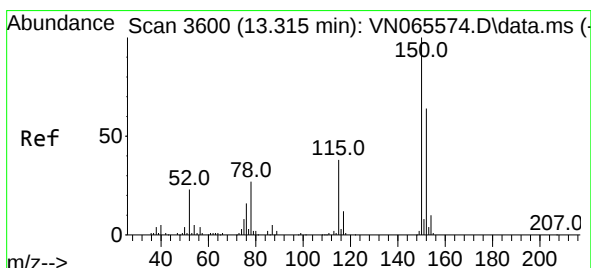
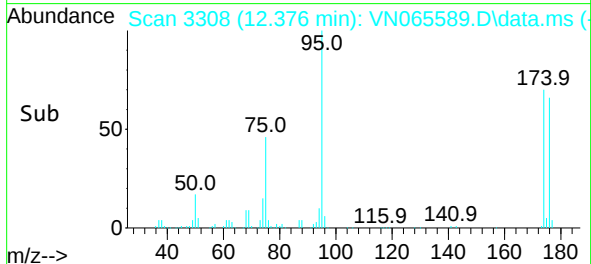
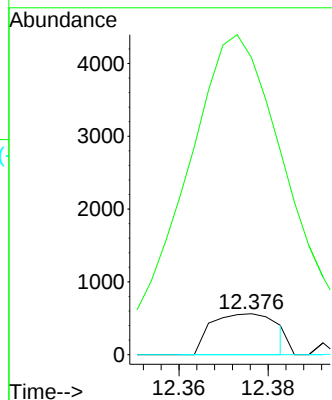
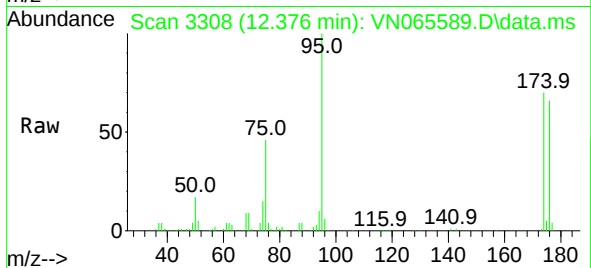
Delta R.T. 0.280 min

Lab File: VN065589.D

Acq: 25 Jan 2021 20:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 574
Ion Ratio Lower Upper
173 100
175 1054.2 23.8 71.2#
254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

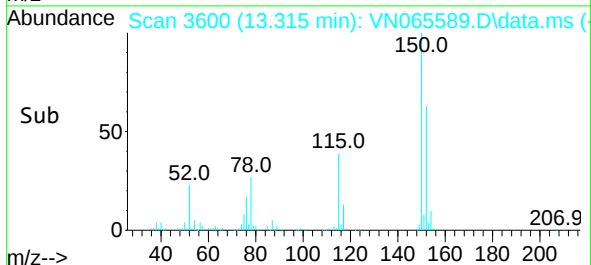
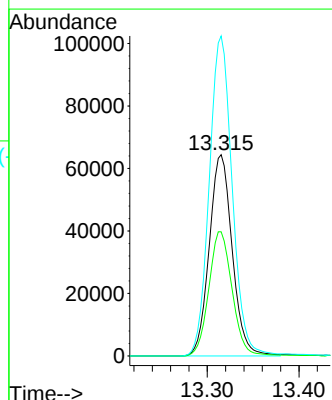
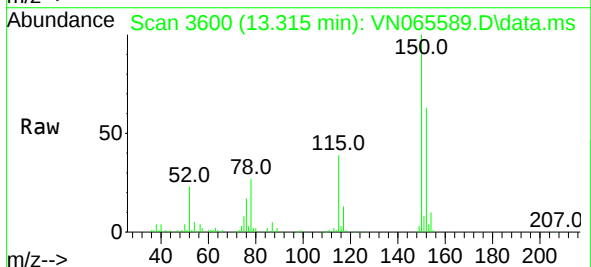
RT: 13.315 min Scan# 3600

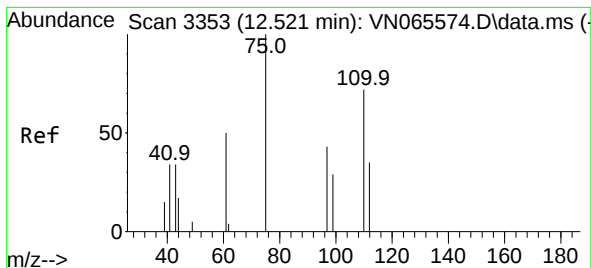
Delta R.T. 0.003 min

Lab File: VN065589.D

Acq: 25 Jan 2021 20:13

Tgt Ion:152 Resp: 112547
Ion Ratio Lower Upper
152 100
115 62.7 28.5 85.6
150 159.6 0.0 347.6

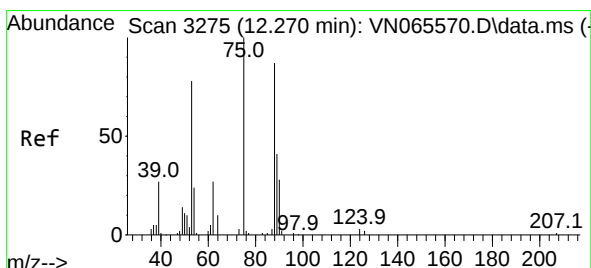
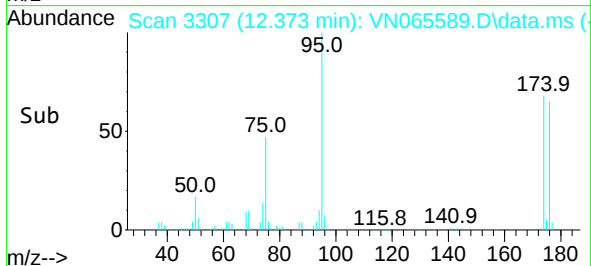
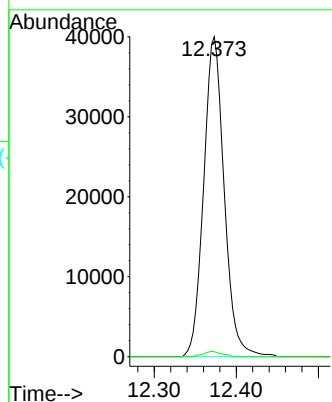
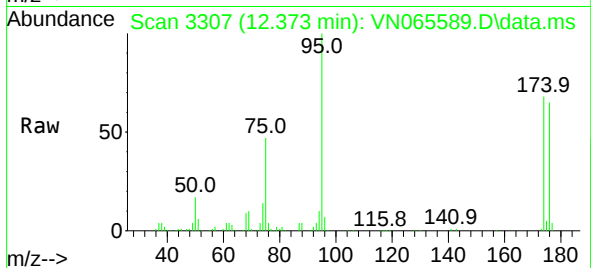




#76
1,2,3-Trichloropropane
Concen: 23.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

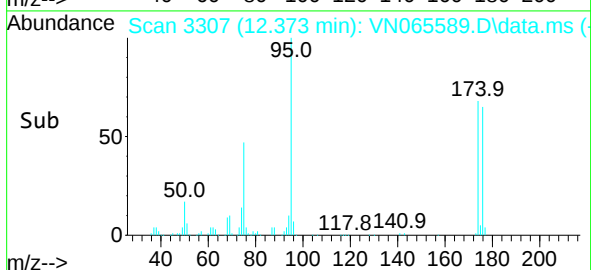
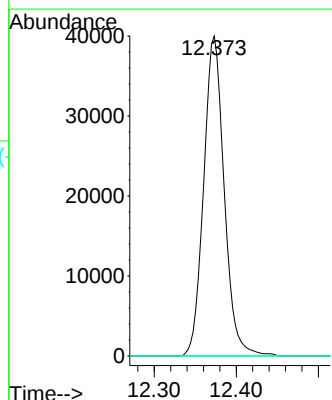
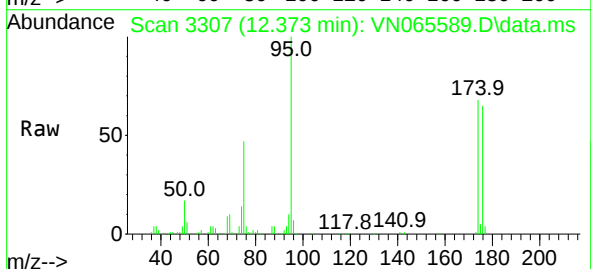
Instrument :
MSVOA_N
ClientSampleId :

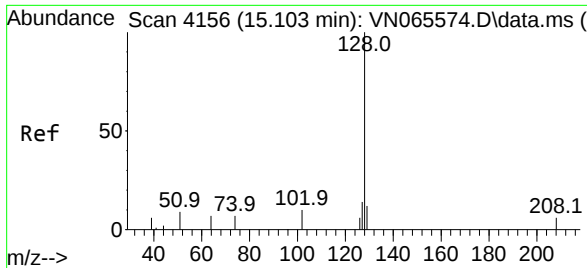
Tgt Ion: 75 Resp: 69540
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.52 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

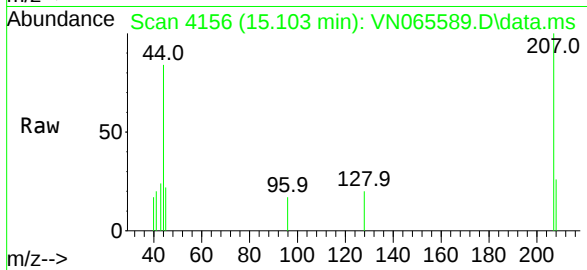
Tgt Ion: 75 Resp: 69540
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065589.D
Acq: 25 Jan 2021 20:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 66
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

