

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068579.D
 Acq On : 21 Sep 2021 13:55
 Operator : JC/MD
 Sample : M3781-02DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D2-20210915DL

Quant Time: Sep 21 16:08:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

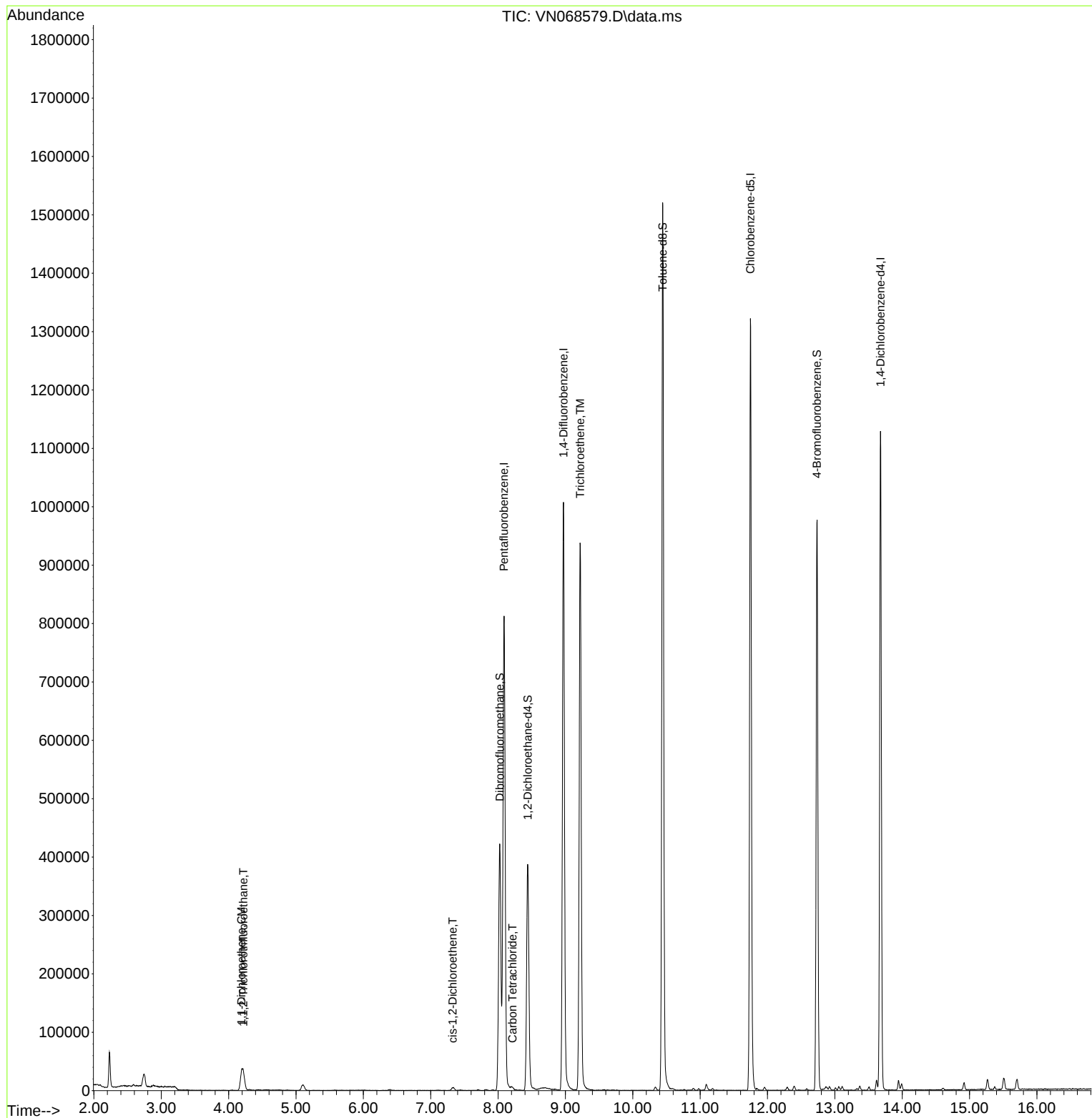
Internal Standards						
1) Pentafluorobenzene	8.088	168	700041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	970181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	850648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	343133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	330073	51.401	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 102.800%		
35) Dibromofluoromethane	8.027	113	308136	52.660	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 105.320%		
50) Toluene-d8	10.443	98	1133420	47.426	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 94.860%		
62) 4-Bromofluorobenzene	12.733	95	330895	42.507	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 85.020%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.218	101	16992	2.828	ug/l #	90
12) 1,1-Dichloroethene	4.191	96	14699	2.673	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	3171	0.430	ug/l	48
38) Carbon Tetrachloride	8.214	117	2961	0.306	ug/l	91
44) Trichloroethene	9.217	130	374435	49.394	ug/l	94

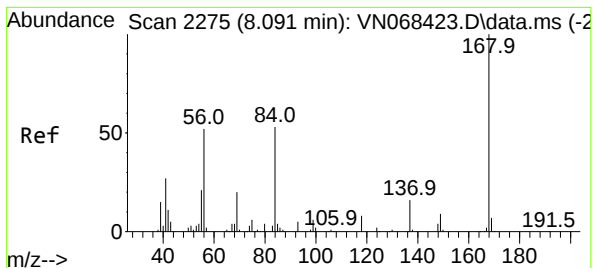
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 17 11:02:11 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.003 min

Lab File: VN068579.D

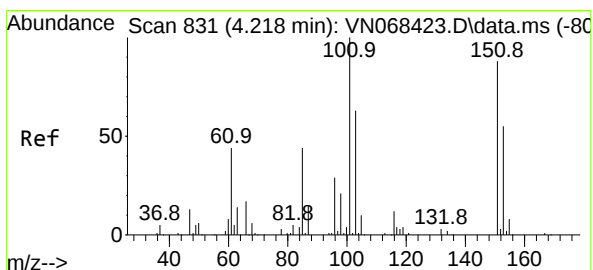
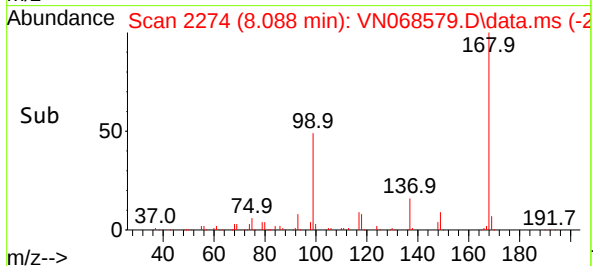
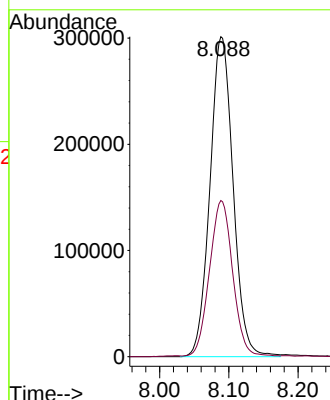
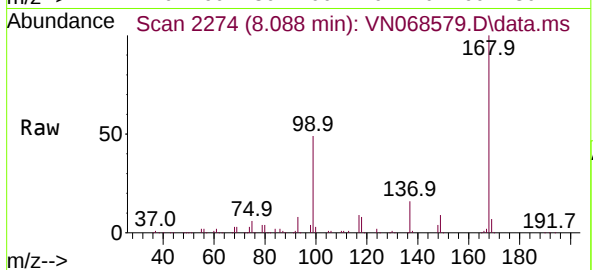
Acq: 21 Sep 2021 13:55

Tgt Ion:168 Resp: 700041

Ion Ratio Lower Upper

168 100

99 48.6 38.2 57.4



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.828 ug/l

RT: 4.218 min Scan# 831

Delta R.T. 0.000 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

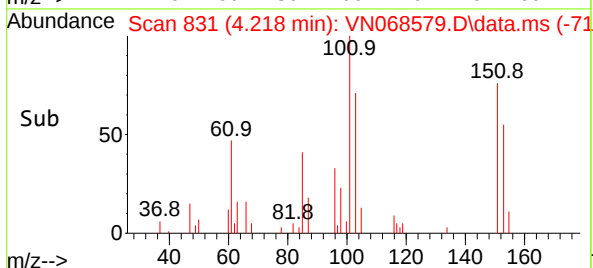
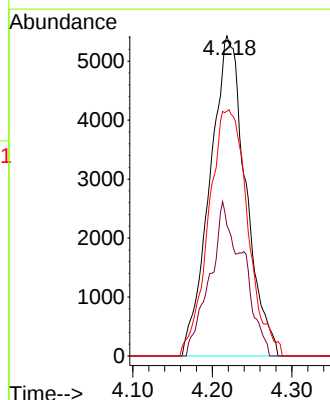
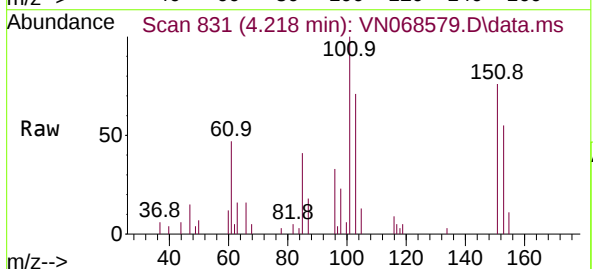
Tgt Ion:101 Resp: 16992

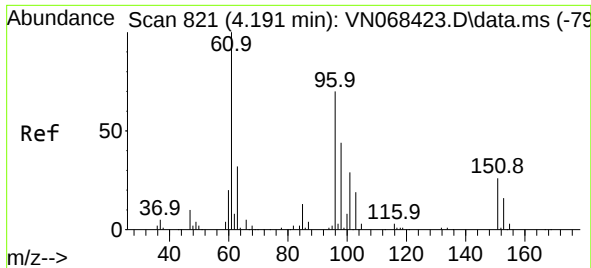
Ion Ratio Lower Upper

101 100

85 32.1 35.7 53.5#

151 83.8 71.6 107.4

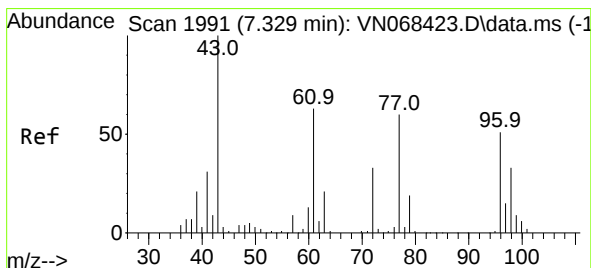
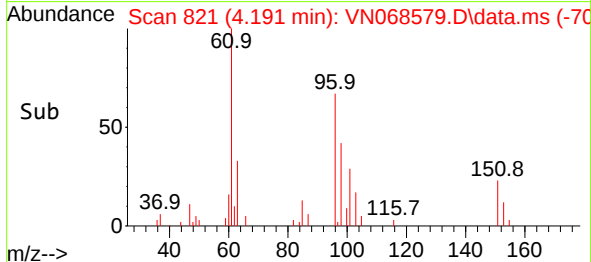
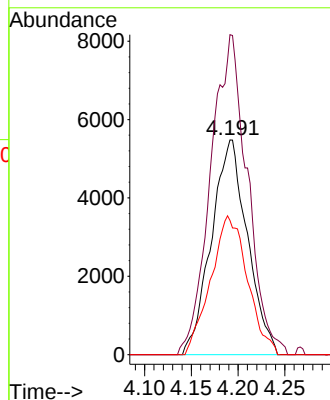
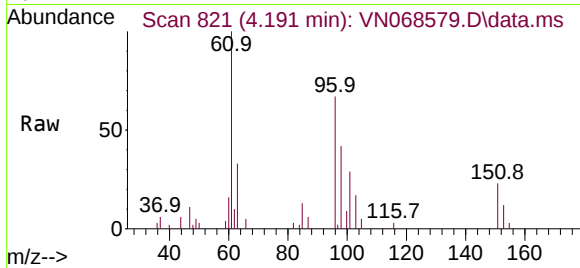




#12
1,1-Dichloroethene
Concen: 2.673 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

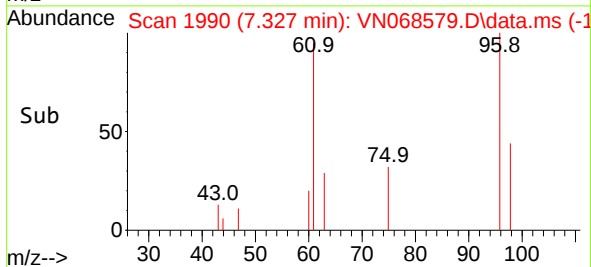
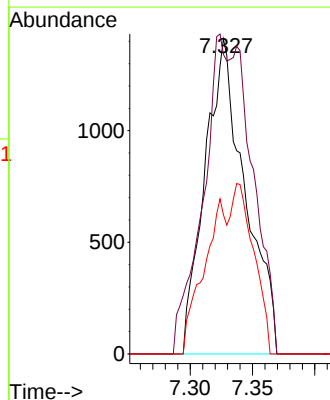
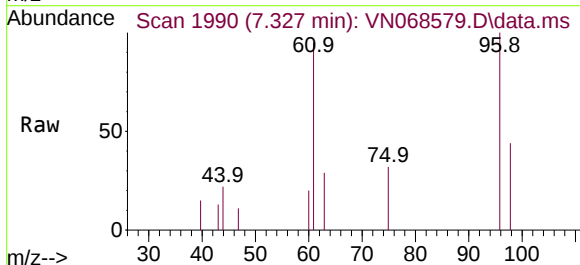
Instrument :
MSVOA_N
ClientSampleId :
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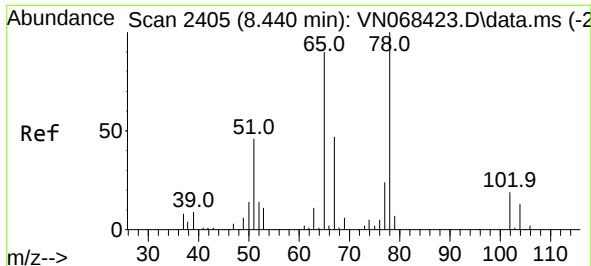
Tgt Ion: 96 Resp: 14699
Ion Ratio Lower Upper
96 100
61 145.8 114.7 172.1
98 62.5 50.9 76.3



#27
cis-1,2-Dichloroethene
Concen: 0.430 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 96 Resp: 3171
Ion Ratio Lower Upper
96 100
61 60.7 0.0 246.4
98 28.1 0.0 130.4



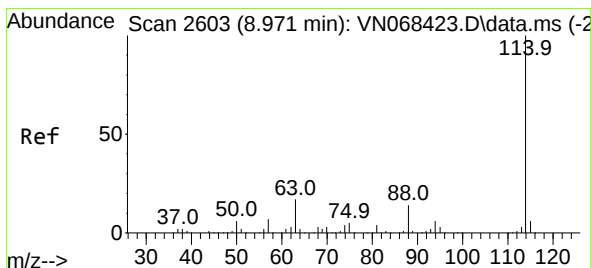
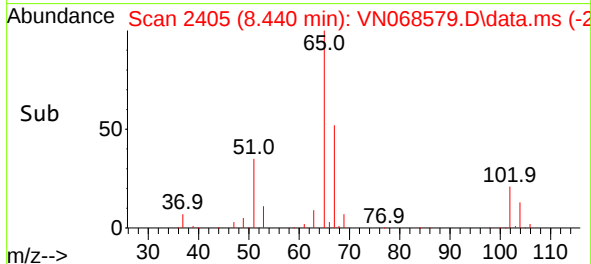
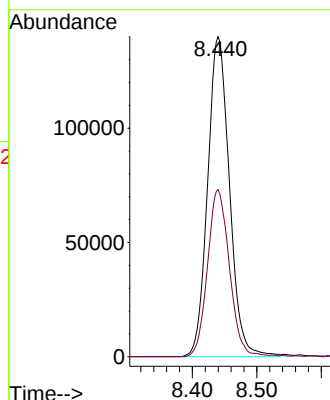
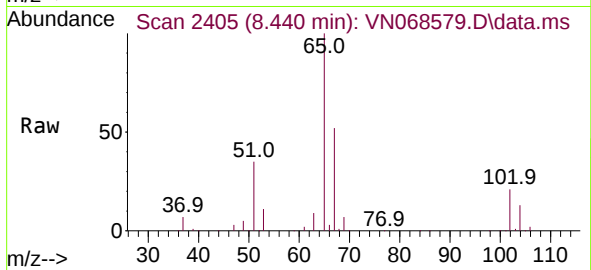


#33

1,2-Dichloroethane-d4
Concen: 51.401 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW180D2-20210915DL

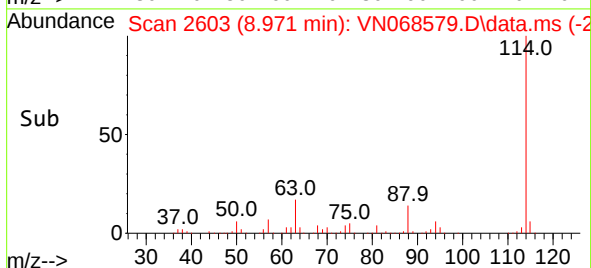
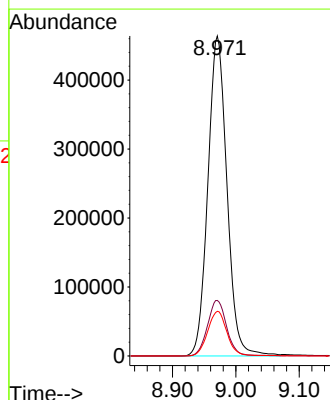
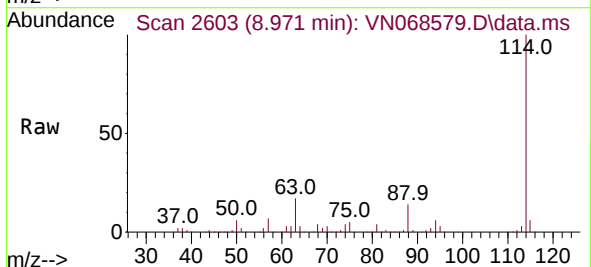
Tgt Ion: 65 Resp: 330073
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

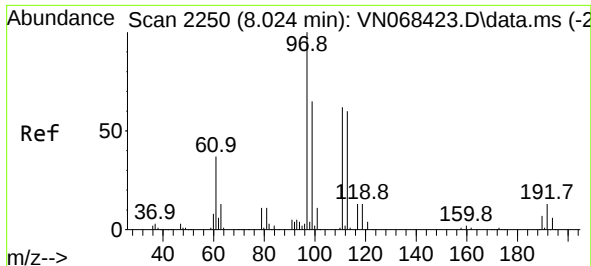


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 114 Resp: 970181
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.2
88 14.0 0.0 28.4





#35

Dibromofluoromethane

Concen: 52.660 ug/l

RT: 8.027 min Scan# 2251

Delta R.T. 0.003 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

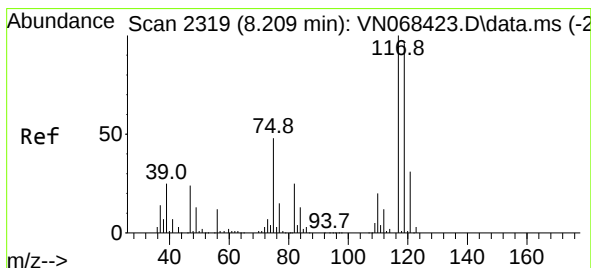
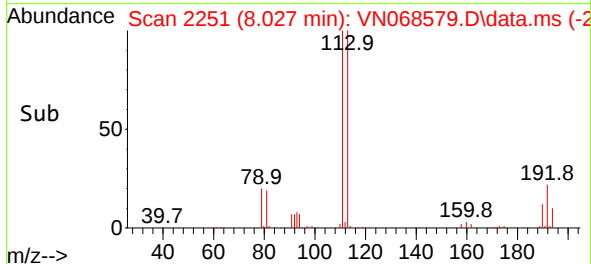
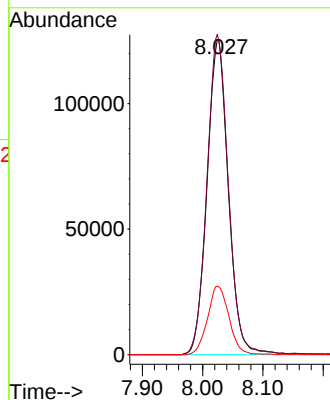
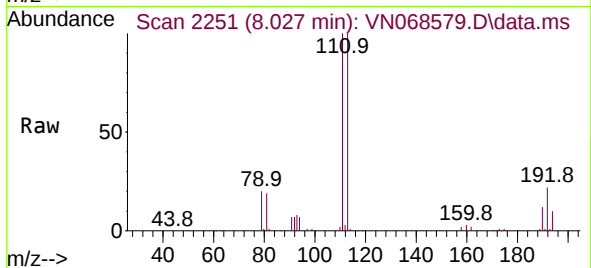
Tgt Ion:113 Resp: 308136

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 21.9 17.7 26.5



#38

Carbon Tetrachloride

Concen: 0.306 ug/l

RT: 8.214 min Scan# 2321

Delta R.T. 0.005 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

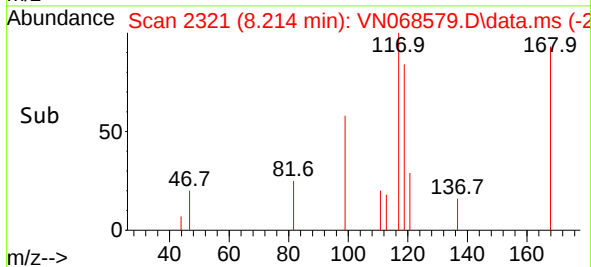
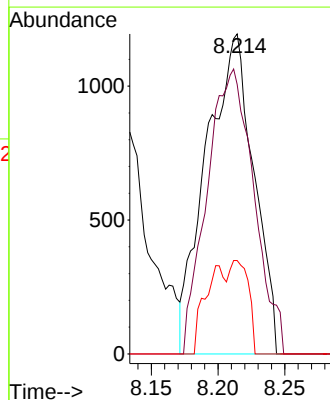
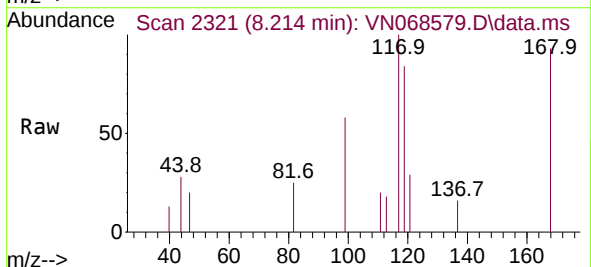
Tgt Ion:117 Resp: 2961

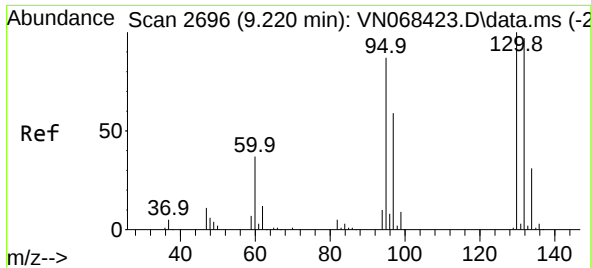
Ion Ratio Lower Upper

117 100

119 84.3 76.6 114.8

121 29.2 24.5 36.7

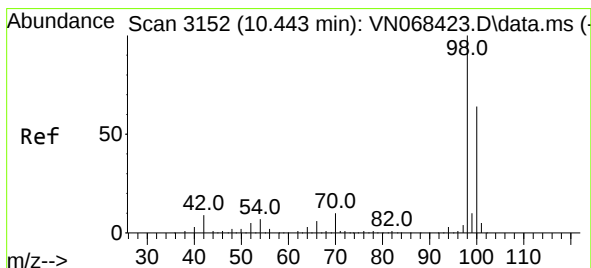
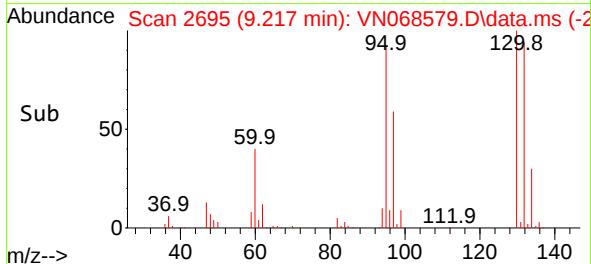
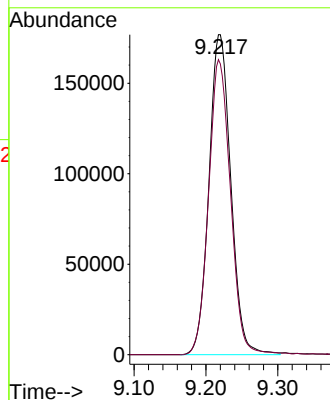
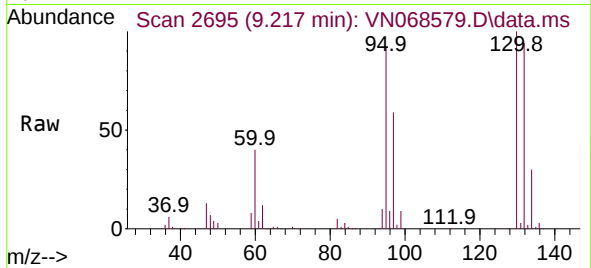




#44
Trichloroethene
Concen: 49.394 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.003 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

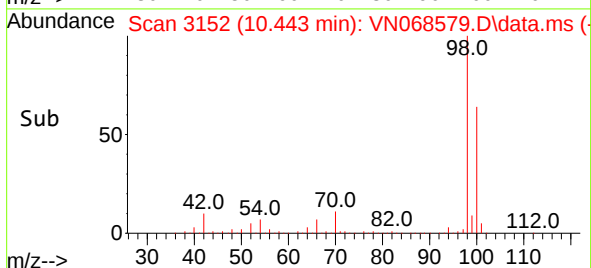
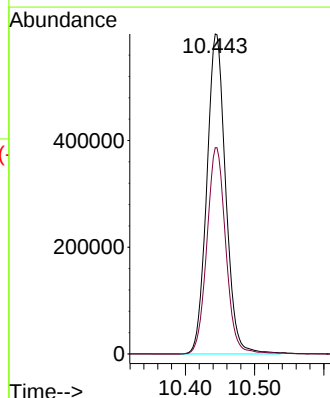
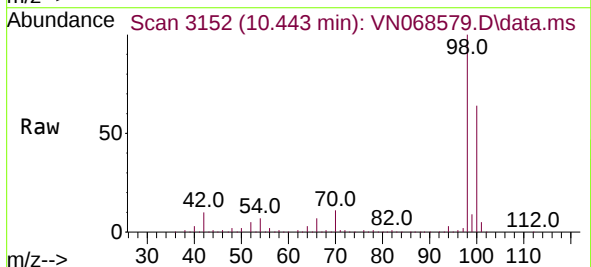
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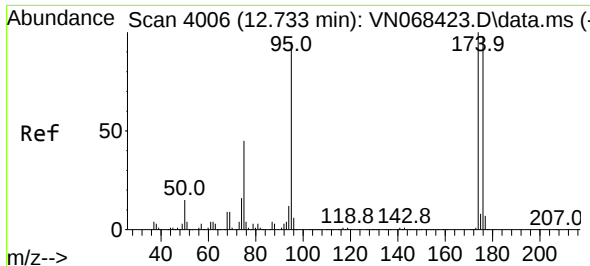
Tgt Ion:130 Resp: 374435
Ion Ratio Lower Upper
130 100
95 92.2 0.0 173.8



#50
Toluene-d8
Concen: 47.426 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

Tgt Ion: 98 Resp: 1133420
Ion Ratio Lower Upper
98 100
100 64.7 51.0 76.6

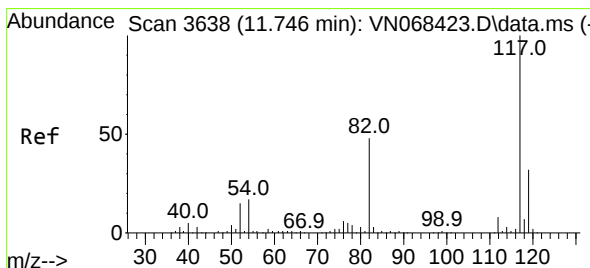
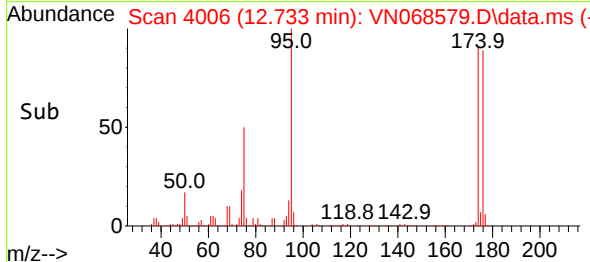
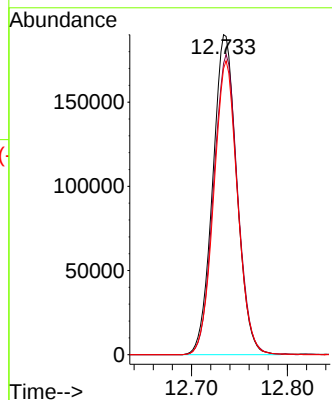
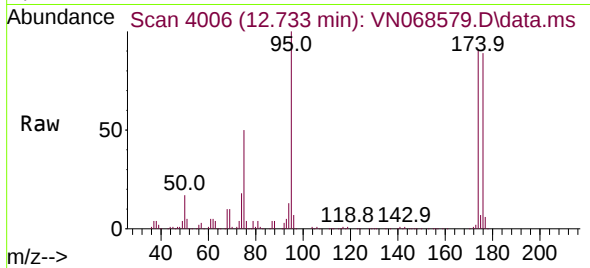




#62
4-Bromofluorobenzene
Concen: 42.507 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

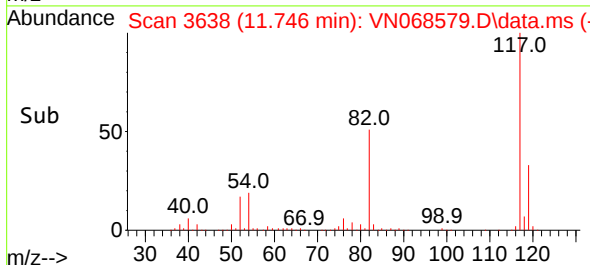
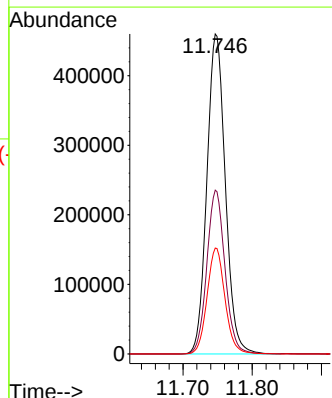
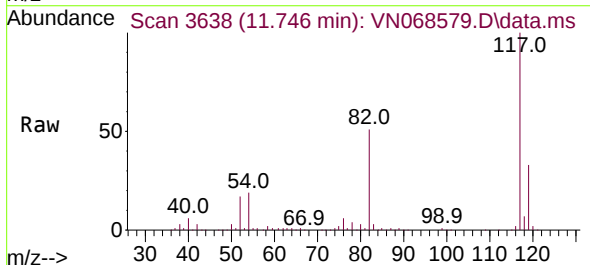
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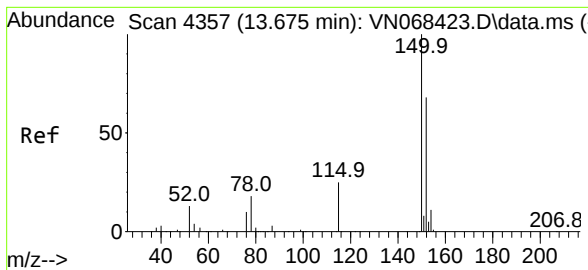
Tgt Ion: 95 Resp: 330895
Ion Ratio Lower Upper
95 100
174 94.2 0.0 214.0
176 90.7 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068579.D
Acq: 21 Sep 2021 13:55

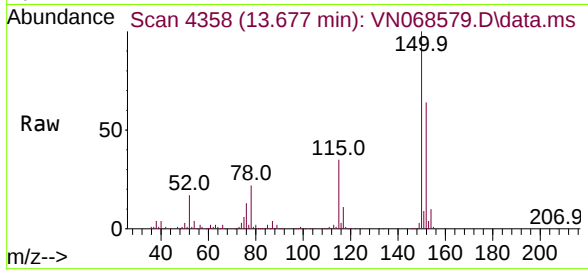
Tgt Ion: 117 Resp: 850648
Ion Ratio Lower Upper
117 100
82 51.2 38.7 58.1
119 33.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN068579.D
 Acq: 21 Sep 2021 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D2-20210915DL



Tgt Ion:152 Resp: 343133
 Ion Ratio Lower Upper
 152 100
 115 54.2 25.6 76.6
 150 157.0 0.0 346.8

