

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068585.D
 Acq On : 21 Sep 2021 16:27
 Operator : JC/MD
 Sample : M3781-12DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20210916DL

Quant Time: Sep 21 17:55:06 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)

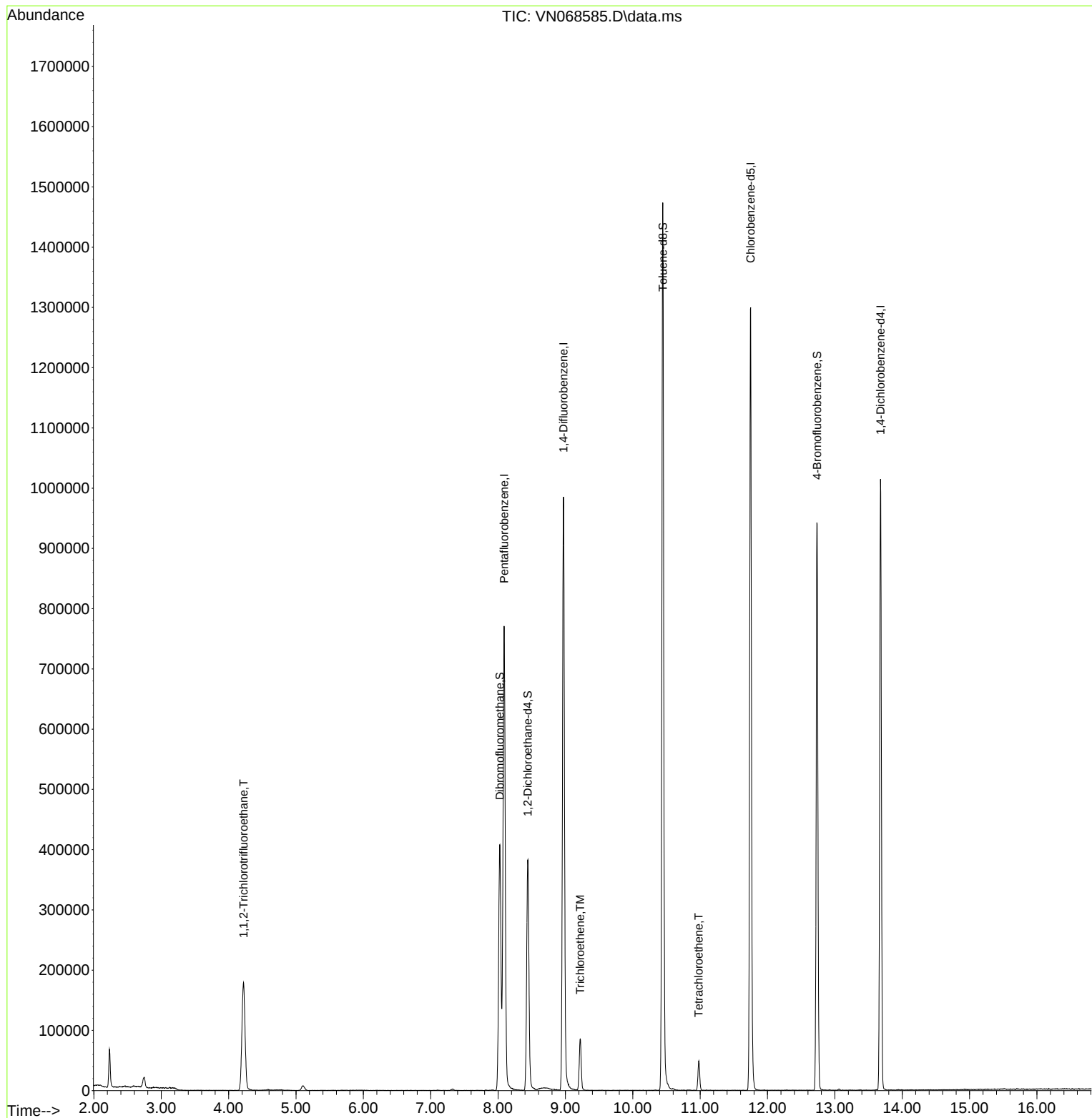
Internal Standards						
1) Pentafluorobenzene	8.091	168	652225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	956428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	844731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	309127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	325354	54.381	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.760%	
35) Dibromofluoromethane	8.027	113	298808	51.800	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.600%	
50) Toluene-d8	10.446	98	1112239	47.225	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.460%	
62) 4-Bromofluorobenzene	12.736	95	324204	42.272	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 84.540%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.221	101	120104	21.458	ug/l	95
44) Trichloroethene	9.217	130	33738	4.515	ug/l	100
64) Tetrachloroethene	10.977	164	12061	1.611	ug/l	91

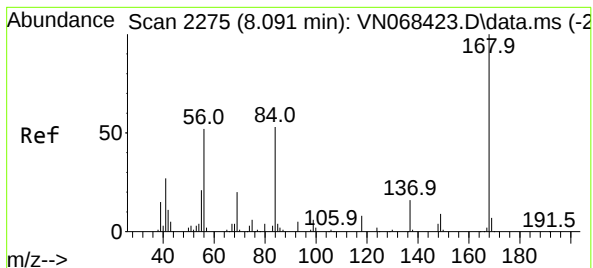
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VN068585.D

Acq: 21 Sep 2021 16:27

Tgt Ion:168 Resp: 652225

Ion Ratio Lower Upper

168 100

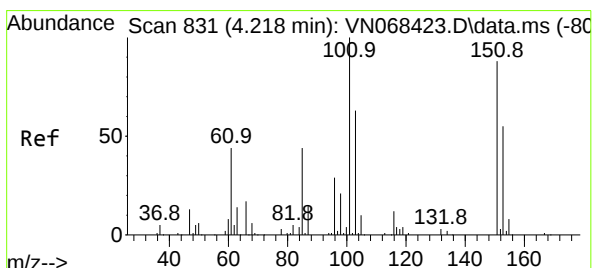
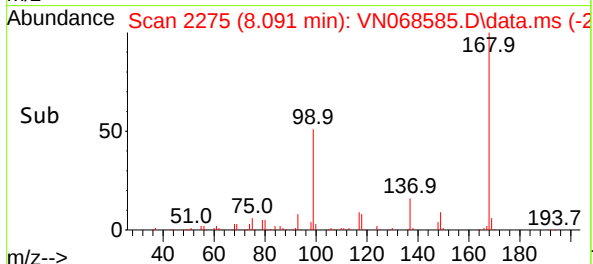
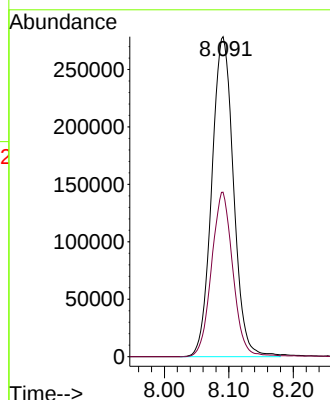
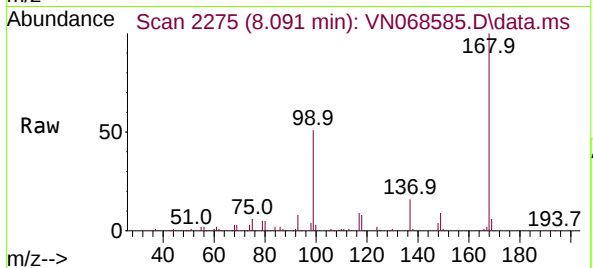
99 51.4 38.2 57.4

Instrument :

MSVOA_N

ClientSampleId :

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.458 ug/l

RT: 4.221 min Scan# 832

Delta R.T. 0.003 min

Lab File: VN068585.D

Acq: 21 Sep 2021 16:27

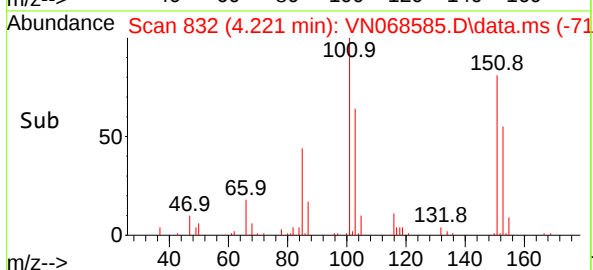
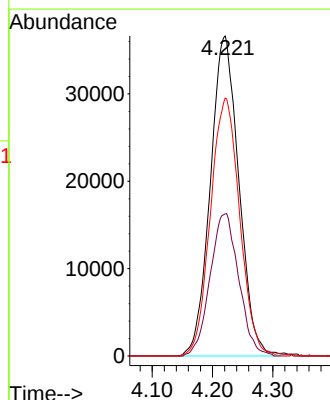
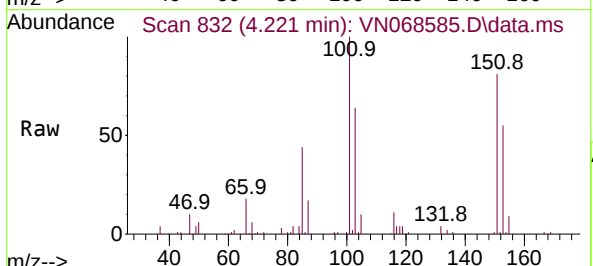
Tgt Ion:101 Resp: 120104

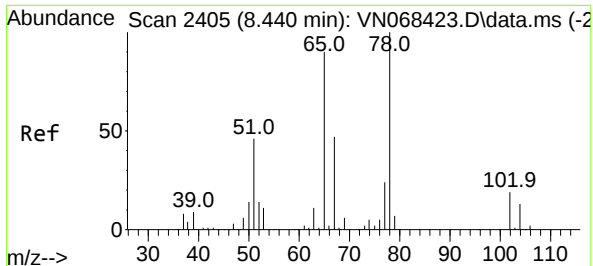
Ion Ratio Lower Upper

101 100

85 44.8 35.7 53.5

151 82.5 71.6 107.4

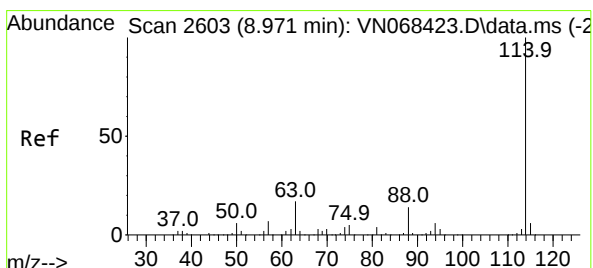
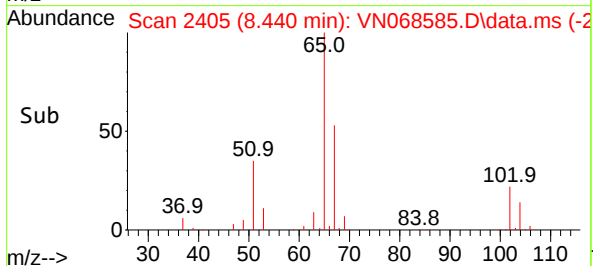
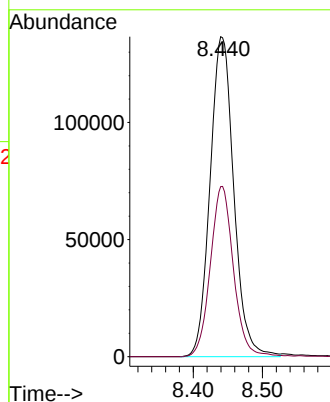
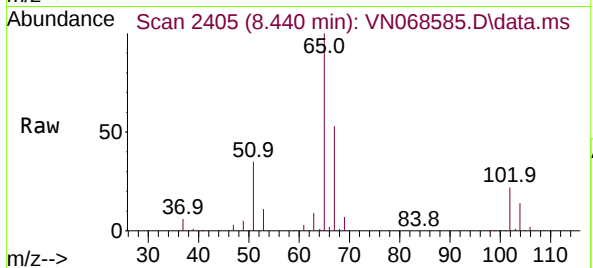




#33
 1,2-Dichloroethane-d4
 Concen: 54.381 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068585.D
 Acq: 21 Sep 2021 16:27

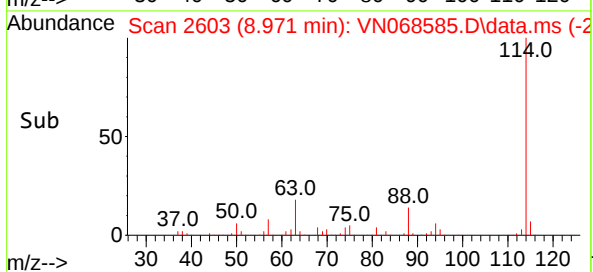
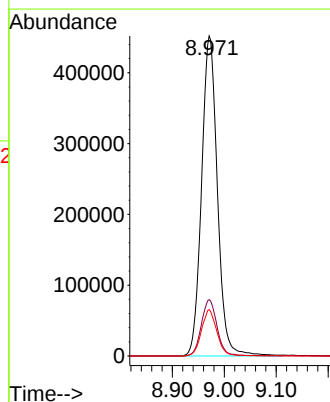
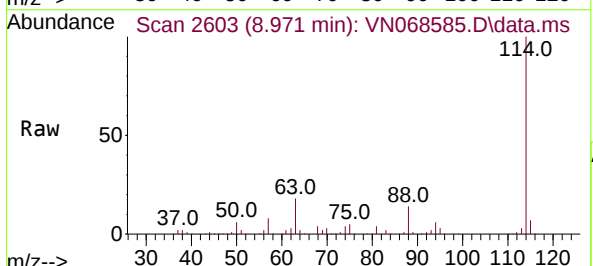
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20210916DL

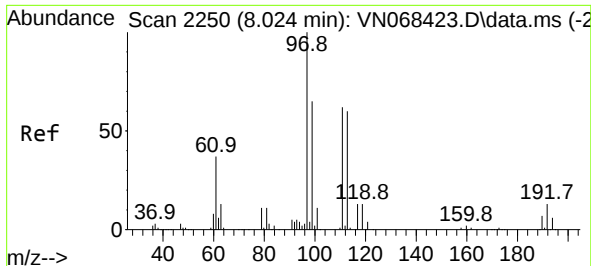
Tgt Ion: 65 Resp: 325354
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. -0.000 min
 Lab File: VN068585.D
 Acq: 21 Sep 2021 16:27

Tgt Ion: 114 Resp: 956428
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.2
 88 14.5 0.0 28.4





#35

Dibromofluoromethane

Concen: 51.800 ug/l

RT: 8.027 min Scan# 2251

Delta R.T. 0.003 min

Lab File: VN068585.D

Acq: 21 Sep 2021 16:27

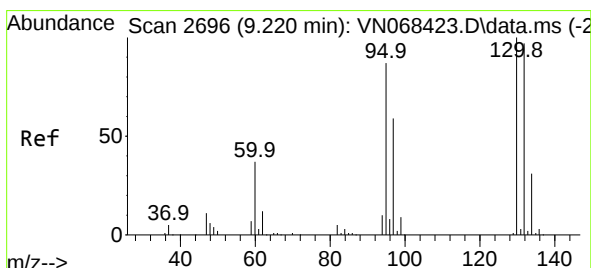
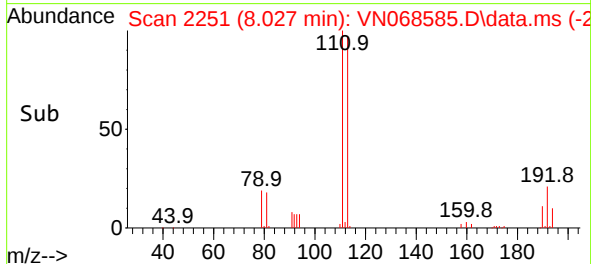
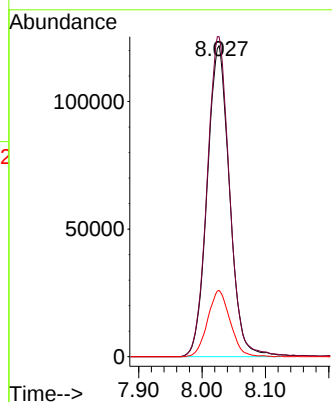
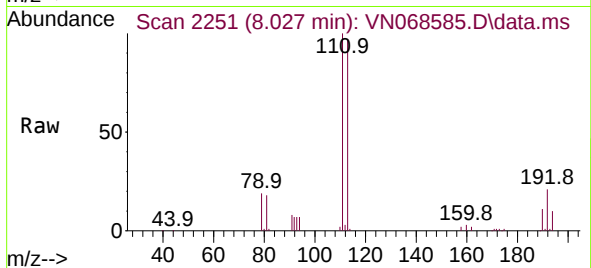
Tgt Ion:113 Resp: 298808

Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

192 21.4 17.7 26.5



#44

Trichloroethene

Concen: 4.515 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.003 min

Lab File: VN068585.D

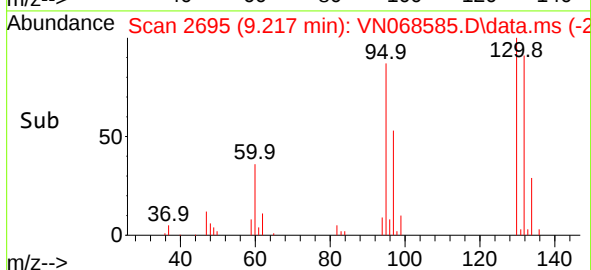
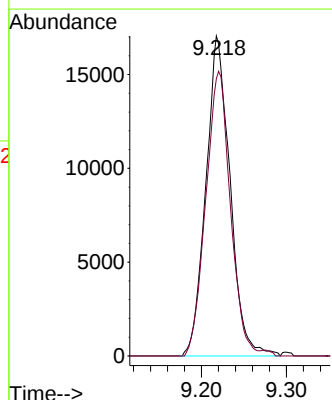
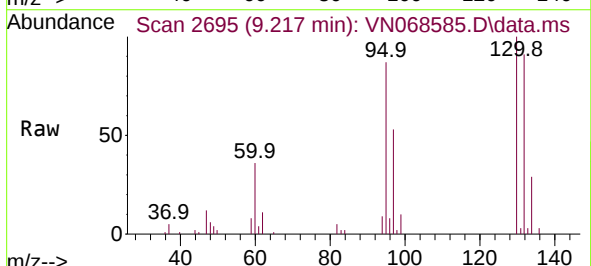
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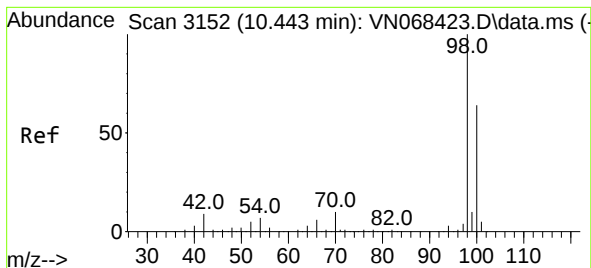
Tgt Ion:130 Resp: 33738

Ion Ratio Lower Upper

130 100

95 86.6 0.0 173.8

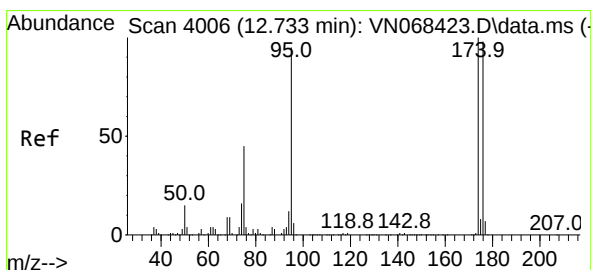
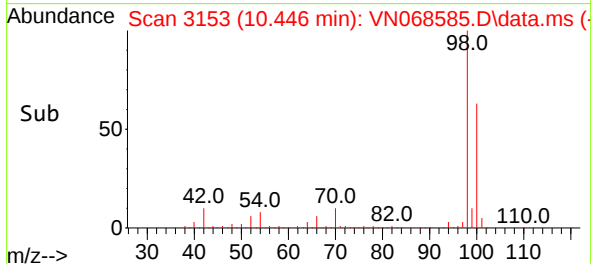
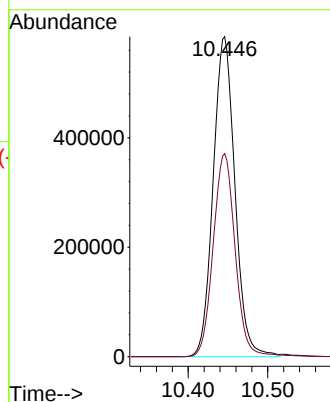
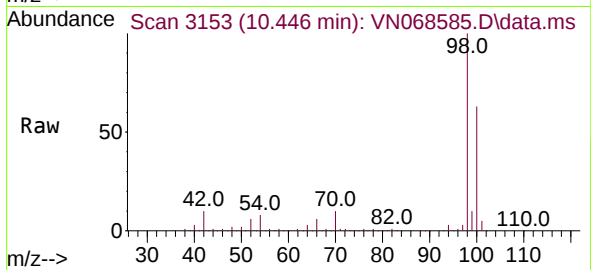




#50
Toluene-d8
Concen: 47.225 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068585.D
Acq: 21 Sep 2021 16:27

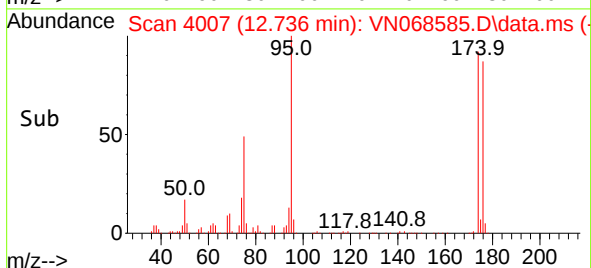
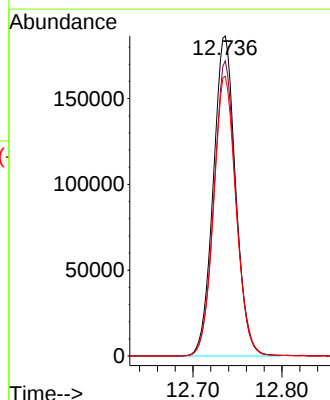
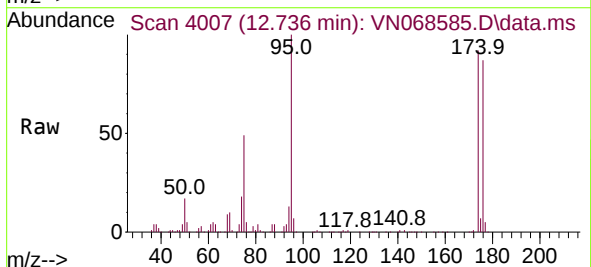
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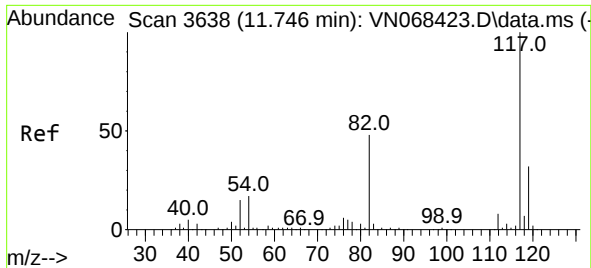
Tgt Ion: 98 Resp: 1112239
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 42.272 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068585.D
Acq: 21 Sep 2021 16:27

Tgt Ion: 95 Resp: 324204
Ion Ratio Lower Upper
95 100
174 91.6 0.0 214.0
176 88.0 0.0 205.4

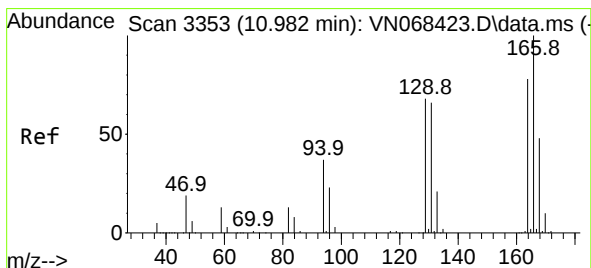
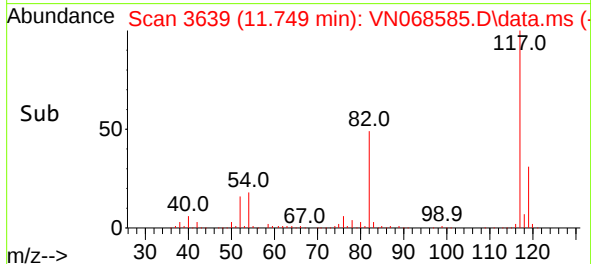
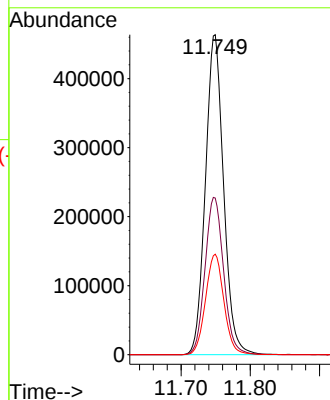
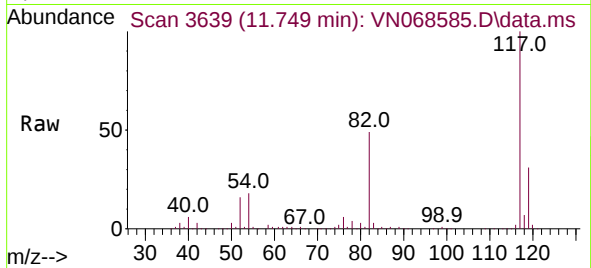




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068585.D
Acq: 21 Sep 2021 16:27

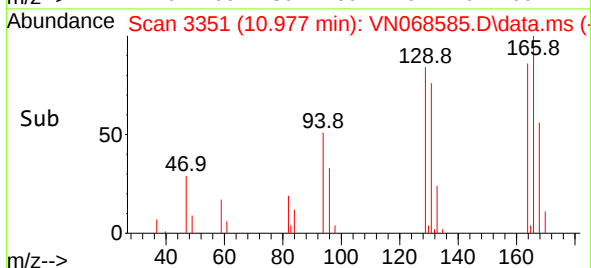
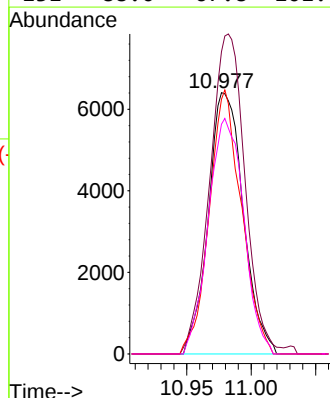
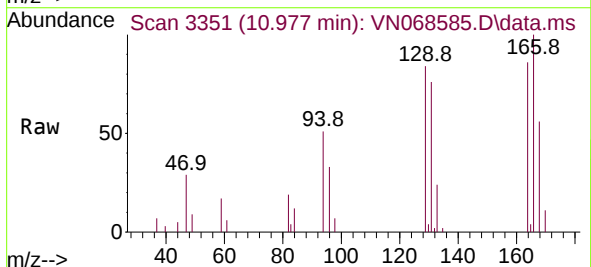
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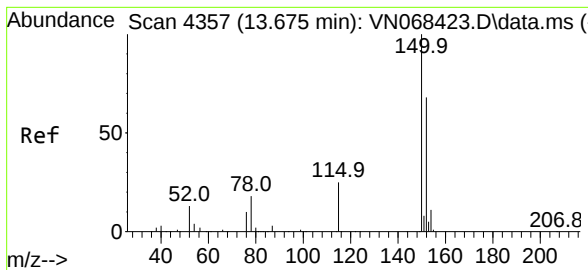
Tgt Ion:117 Resp: 844731
Ion Ratio Lower Upper
117 100
82 48.9 38.7 58.1
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 1.611 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.005 min
Lab File: VN068585.D
Acq: 21 Sep 2021 16:27

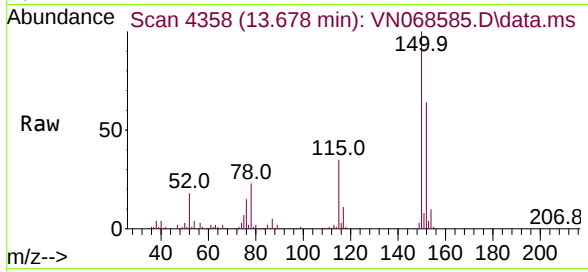
Tgt Ion:164 Resp: 12061
Ion Ratio Lower Upper
164 100
166 115.7 102.9 154.3
129 97.5 70.1 105.1
131 88.0 67.8 101.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068585.D
 Acq: 21 Sep 2021 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20210916DL



Tgt Ion:152 Resp: 309127
 Ion Ratio Lower Upper
 152 100
 115 54.6 25.6 76.6
 150 155.7 0.0 346.8

