

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069861.D
 Acq On : 8 Dec 2021 15:13
 Operator : JC/MD
 Sample : M4957-06DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20211206DL

Quant Time: Dec 09 11:39:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

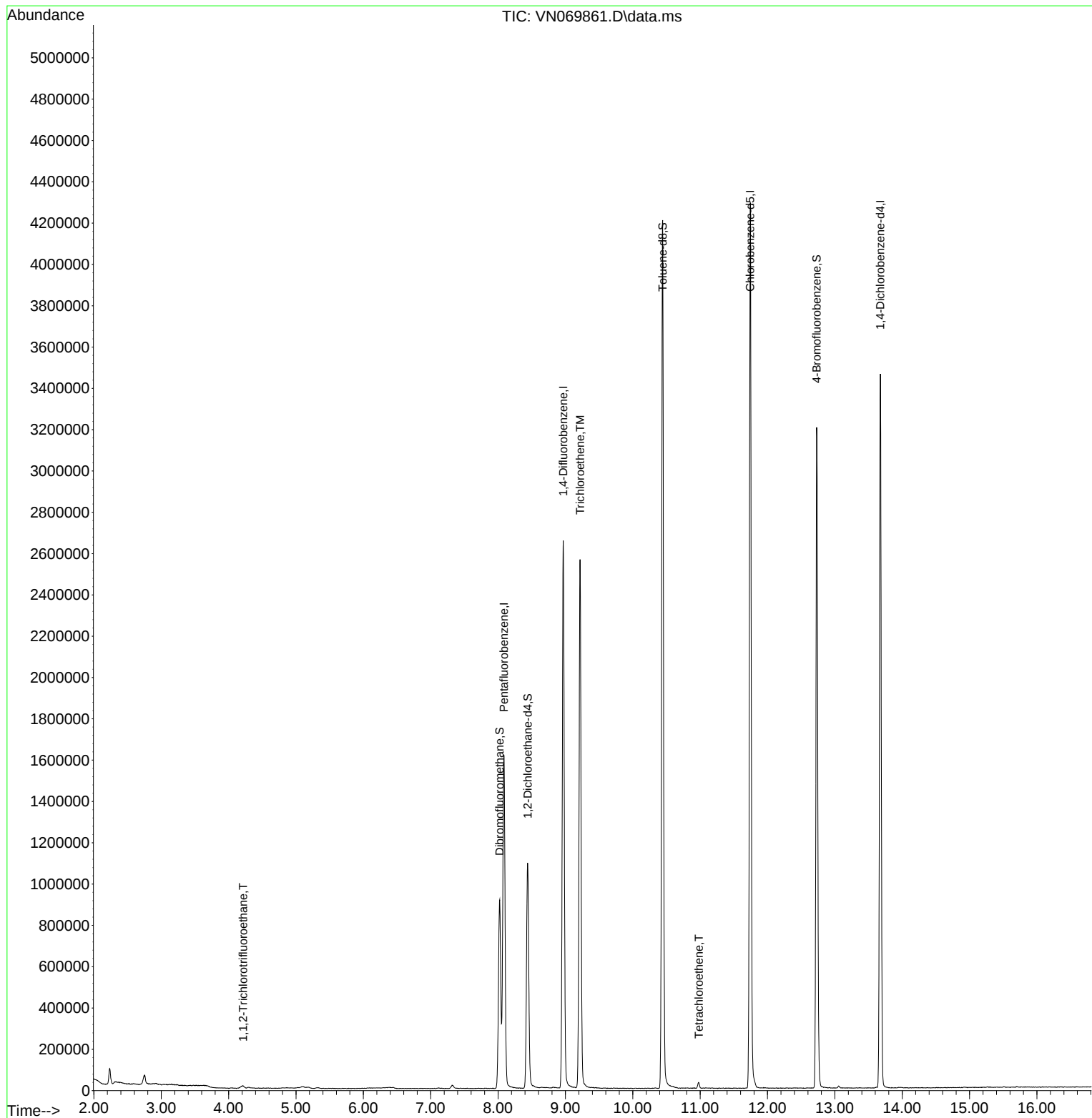
Internal Standards						
1) Pentafluorobenzene	8.088	168	1223708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2212895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2398469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	925225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	957252	50.664	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.320%
35) Dibromofluoromethane	8.024	113	658288	47.492	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.980%
50) Toluene-d8	10.443	98	2878860	51.725	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.731	95	1126539	55.871	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.740%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.213	101	6708	0.555	ug/l	# 89
44) Trichloroethene	9.217	130	889022	57.846	ug/l	92
64) Tetrachloroethene	10.982	164	6587	0.405	ug/l	95

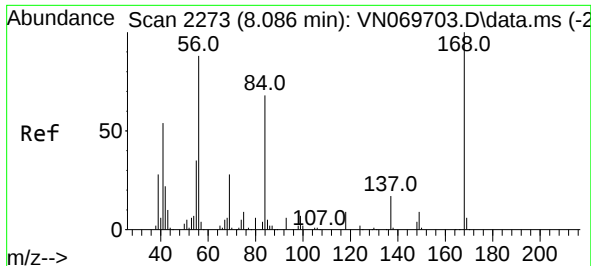
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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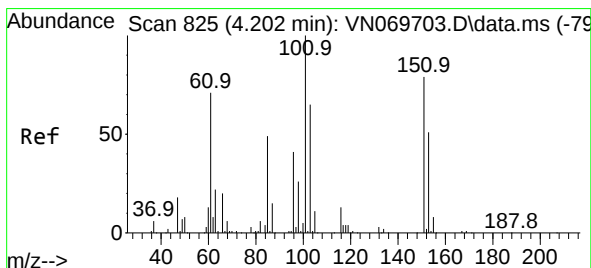
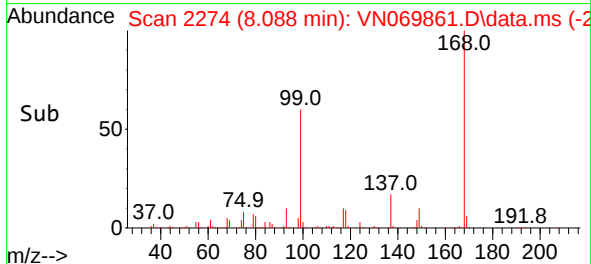
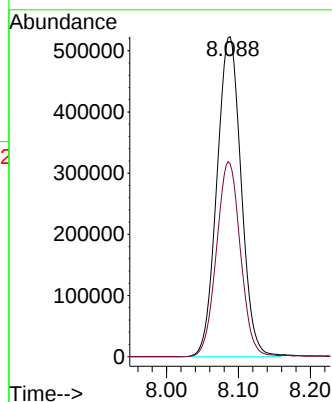
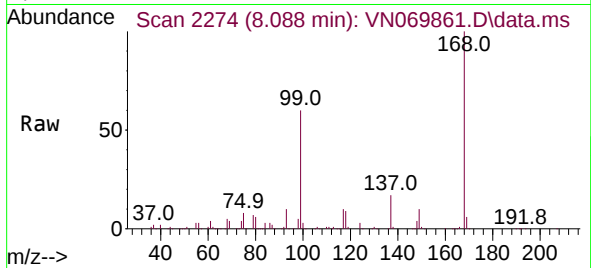




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069861.D
Acq: 8 Dec 2021 15:13

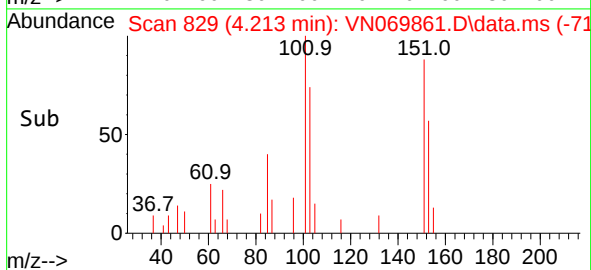
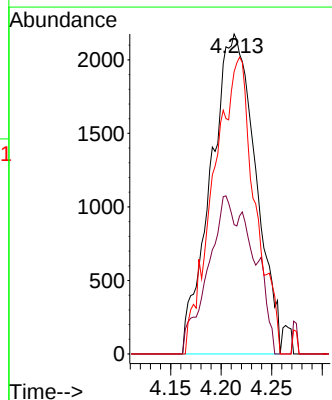
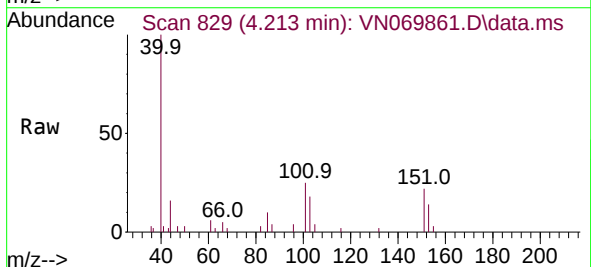
Instrument :
MSVOA_N
ClientSampleId :
RW4-20211206DL

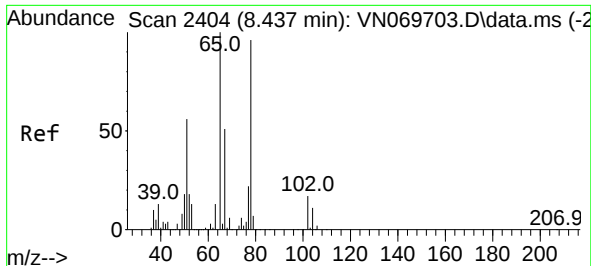
Tgt Ion:168 Resp: 1223708
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.555 ug/l
RT: 4.213 min Scan# 829
Delta R.T. 0.011 min
Lab File: VN069861.D
Acq: 8 Dec 2021 15:13

Tgt Ion:101 Resp: 6708
Ion Ratio Lower Upper
101 100
85 30.2 37.2 55.8#
151 85.7 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 50.664 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069861.D

Acq: 8 Dec 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

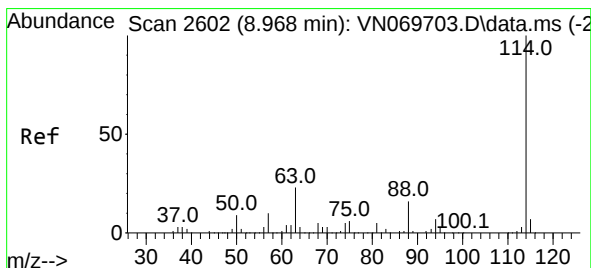
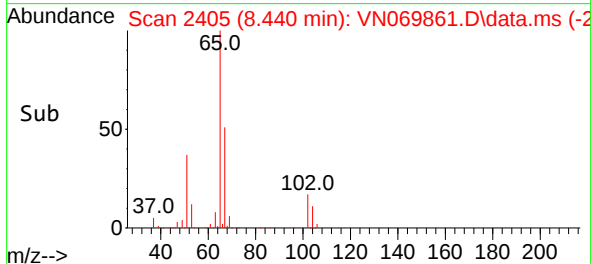
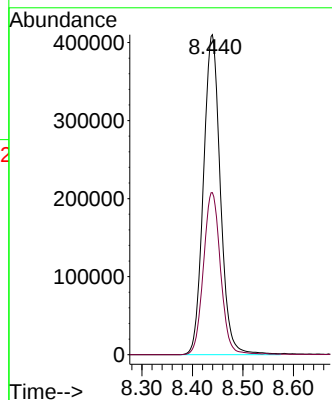
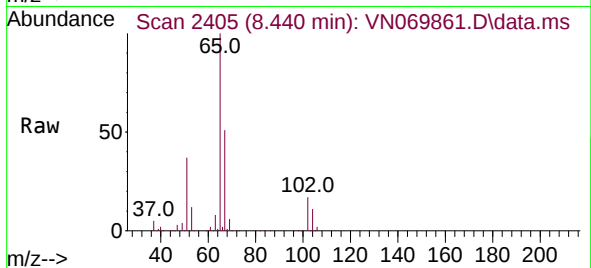
RW4-20211206DL

Tgt Ion: 65 Resp: 957252

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069861.D

Acq: 8 Dec 2021 15:13

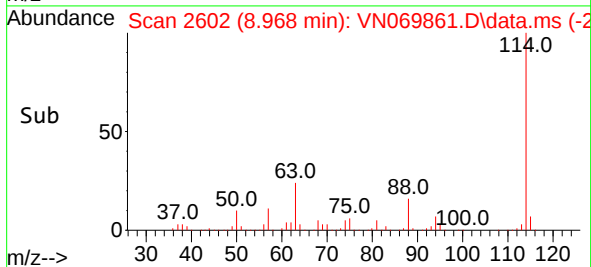
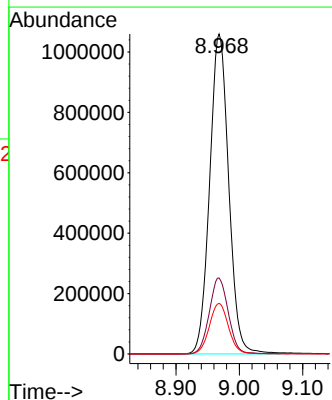
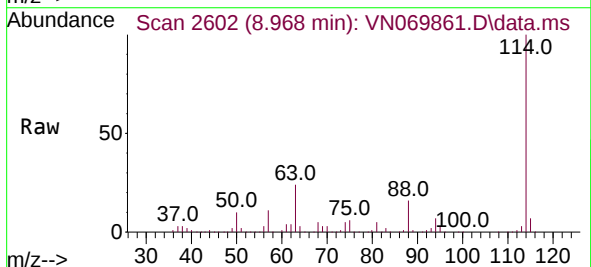
Tgt Ion: 114 Resp: 2212895

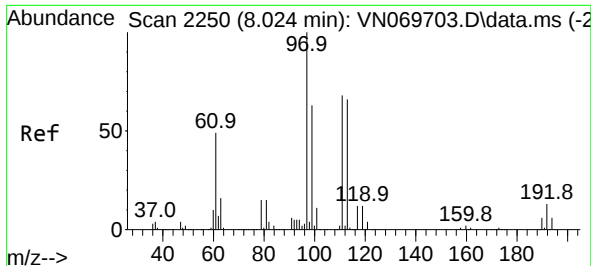
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 15.8 0.0 27.4

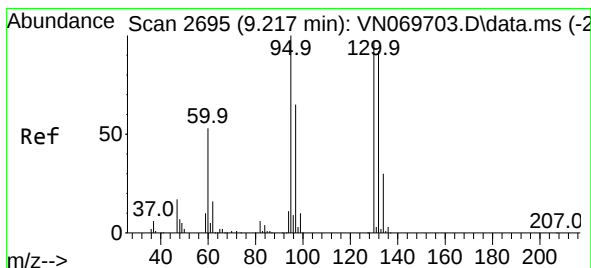
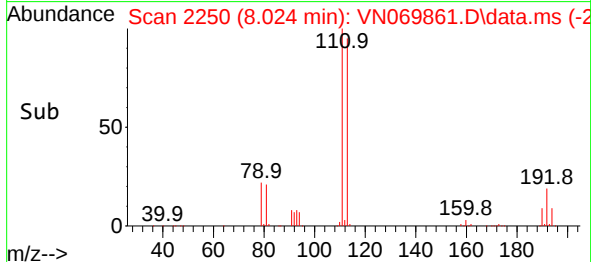
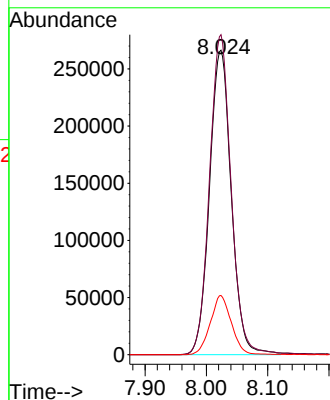
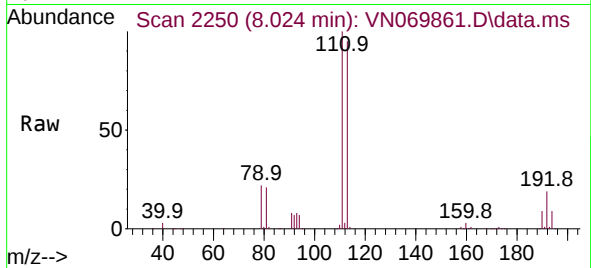




#35
Dibromofluoromethane
Concen: 47.492 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069861.D
Acq: 8 Dec 2021 15:13

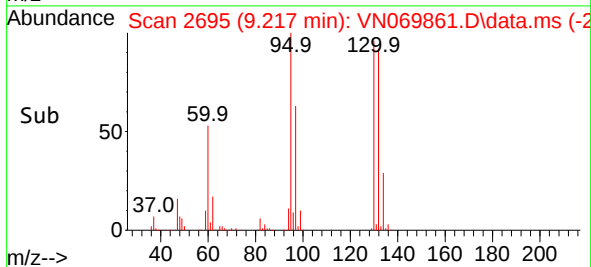
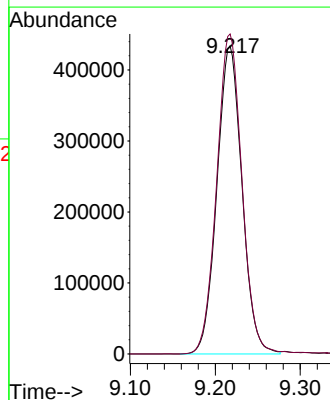
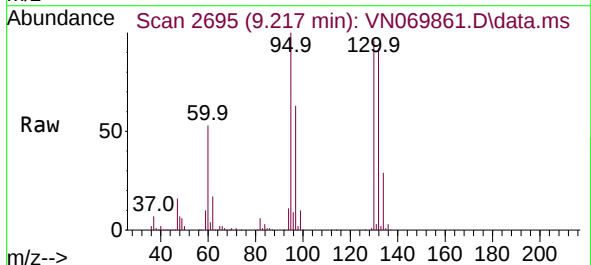
Instrument :
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RW4-20211206DL

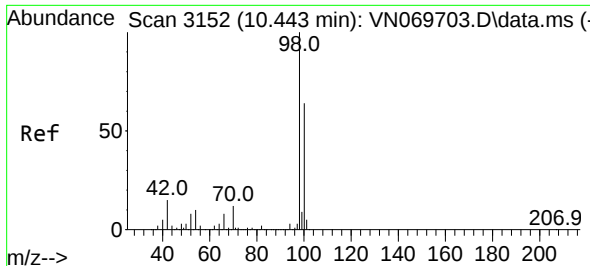
Tgt Ion:113 Resp: 658288
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 18.8 16.9 25.3



#44
Trichloroethene
Concen: 57.846 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069861.D
Acq: 8 Dec 2021 15:13

Tgt Ion:130 Resp: 889022
Ion Ratio Lower Upper
130 100
95 103.8 0.0 191.2

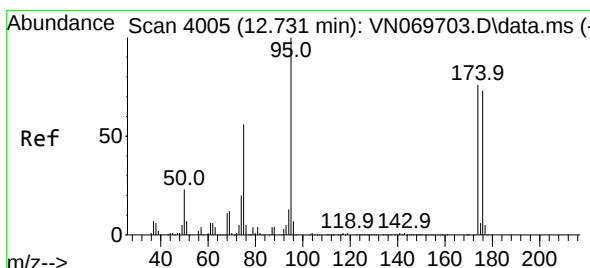
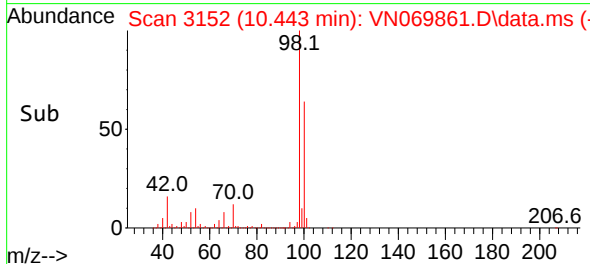
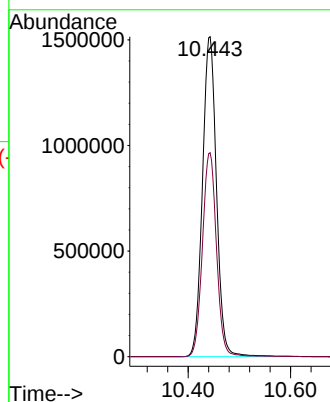
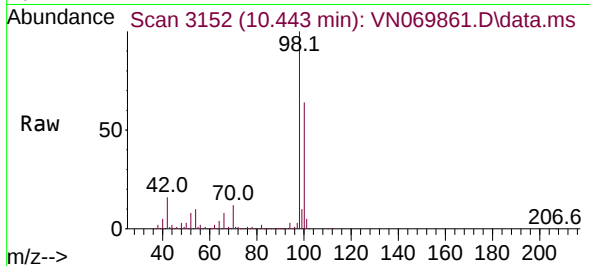




#50
Toluene-d8
Concen: 51.725 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069861.D
Acq: 8 Dec 2021 15:13

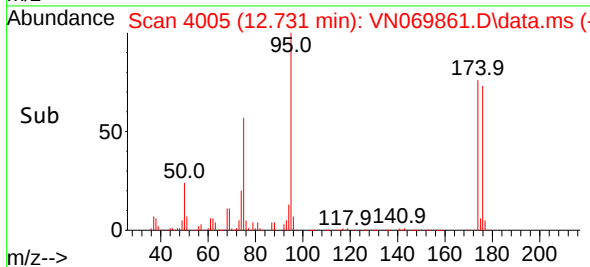
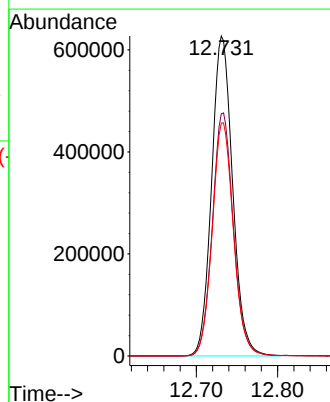
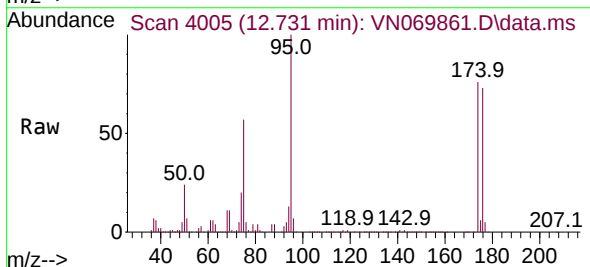
Instrument :
MSVOA_N
ClientSampleId :
RW4-20211206DL

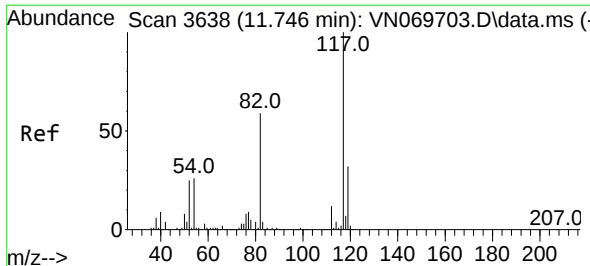
Tgt Ion: 98 Resp: 2878860
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.871 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069861.D
Acq: 8 Dec 2021 15:13

Tgt Ion: 95 Resp: 1126539
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.4 0.0 181.4

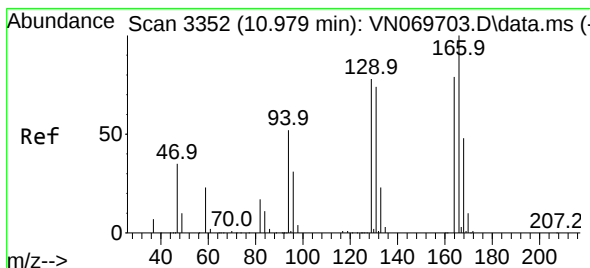
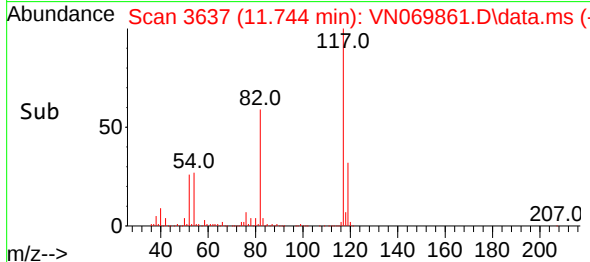
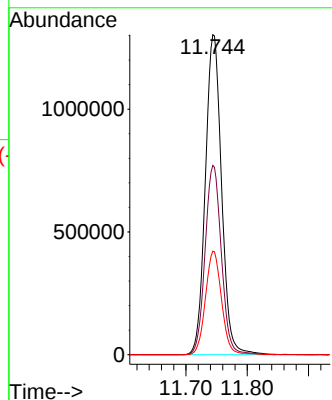
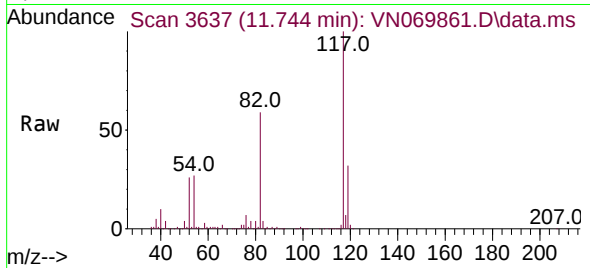




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069861.D
Acq: 8 Dec 2021 15:13

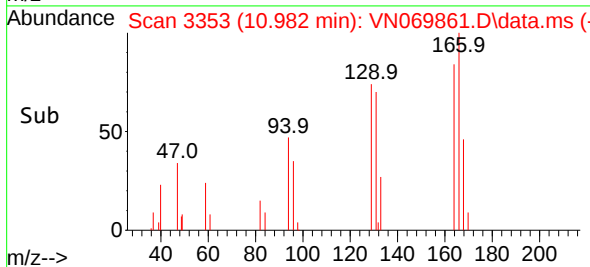
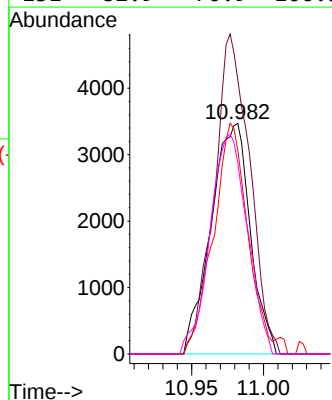
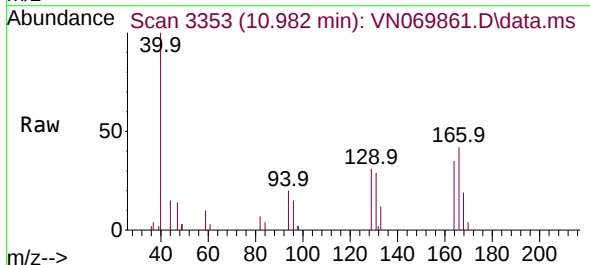
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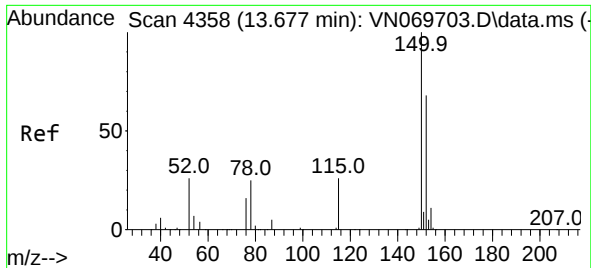
Tgt Ion:117 Resp: 2398469
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 0.405 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN069861.D
Acq: 8 Dec 2021 15:13

Tgt Ion:164 Resp: 6587
Ion Ratio Lower Upper
164 100
166 118.9 101.9 152.9
129 88.3 72.0 108.0
131 82.9 70.9 106.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN069861.D

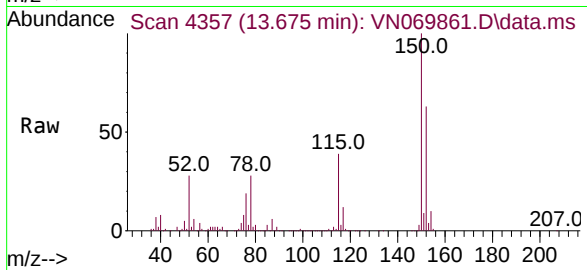
Acq: 8 Dec 2021 15:13

Instrument :

MSVOA_N

ClientSampleId :

RW4-20211206DL



Tgt Ion:152 Resp: 925225

Ion Ratio Lower Upper

152 100

115 60.9 27.5 82.5

150 157.8 0.0 344.4

