

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069270.D
 Acq On : 29 Oct 2021 00:53
 Operator : JC/MD
 Sample : M4338-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DDC-4-PS

Quant Time: Oct 29 07:55:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

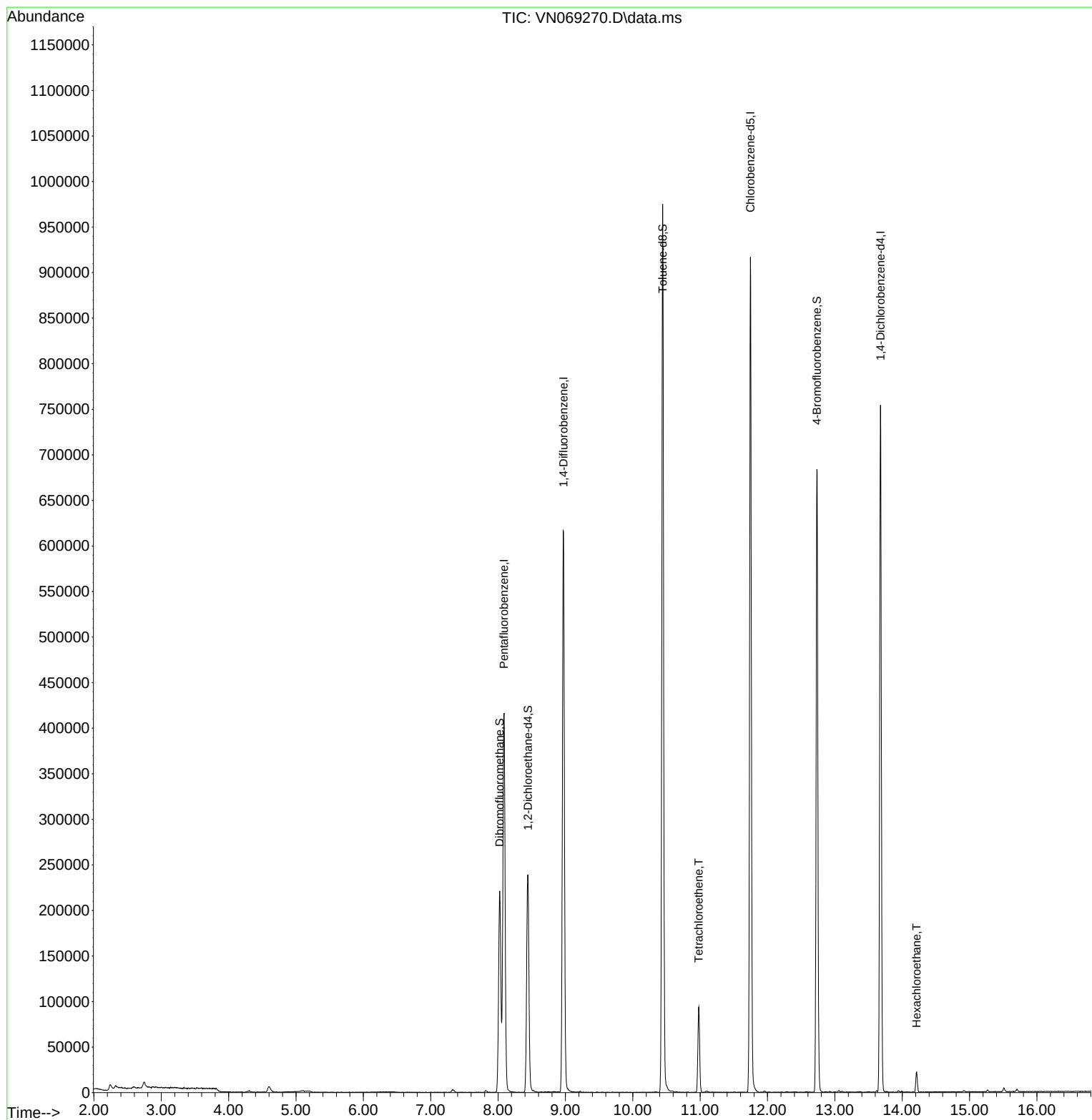
Internal Standards						
1) Pentafluorobenzene	8.088	168	313693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	556141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	538225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	200580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	210541	46.495	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.980%
35) Dibromofluoromethane	8.024	113	158547	45.733	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.460%
50) Toluene-d8	10.443	98	689507	49.743	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.733	95	246074	47.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.100%
Target Compounds						
					Qvalue	
64) Tetrachloroethene	10.979	164	21349	6.210	ug/l	99
90) Hexachloroethane	14.211	117	3456	3.272	ug/l	90

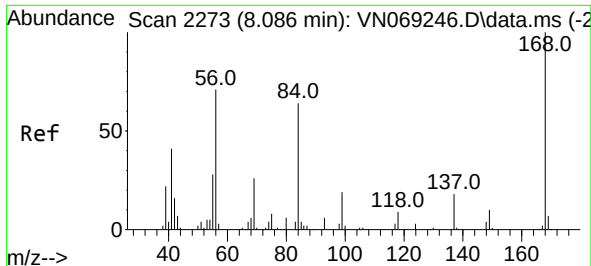
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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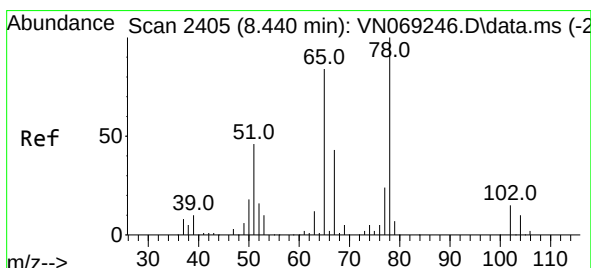
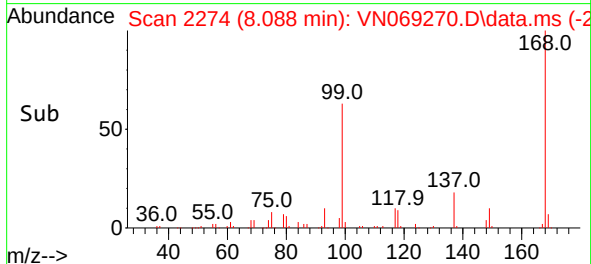
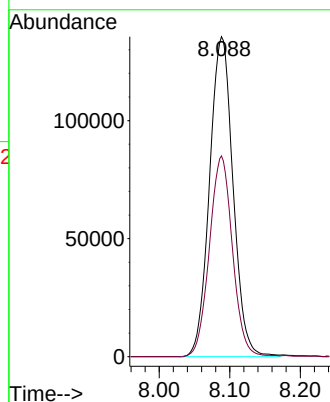
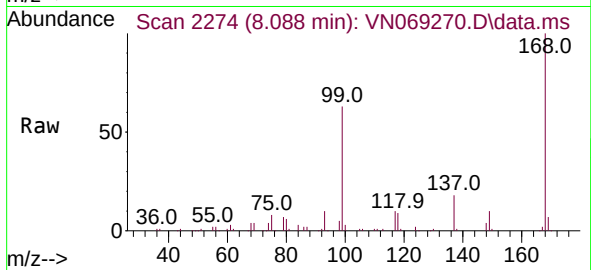




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069270.D
Acq: 29 Oct 2021 00:53

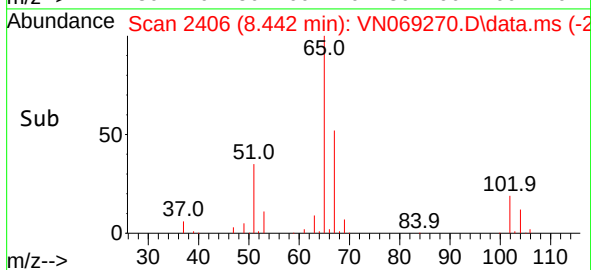
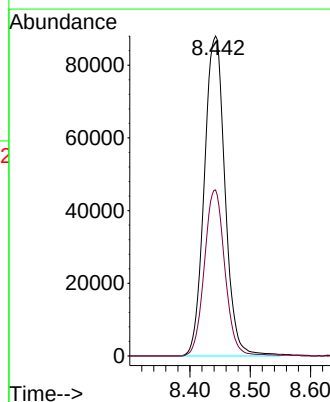
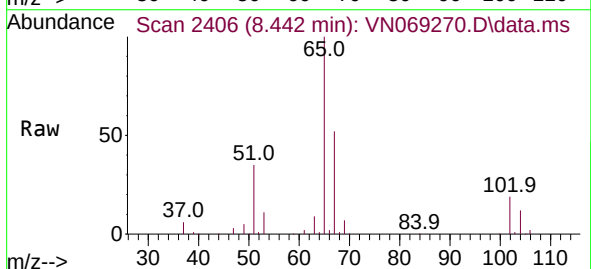
Instrument :
MSVOA_N
ClientSampleId :
DDC-4-PS

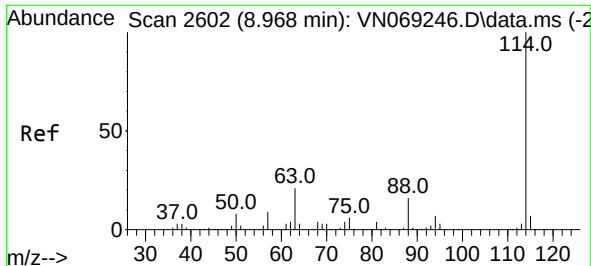
Tgt Ion:168 Resp: 313693
Ion Ratio Lower Upper
168 100
99 62.8 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 46.495 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN069270.D
Acq: 29 Oct 2021 00:53

Tgt Ion: 65 Resp: 210541
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN069270.D

Acq: 29 Oct 2021 00:53

Instrument :

MSVOA_N

ClientSampleId :

DDC-4-PS

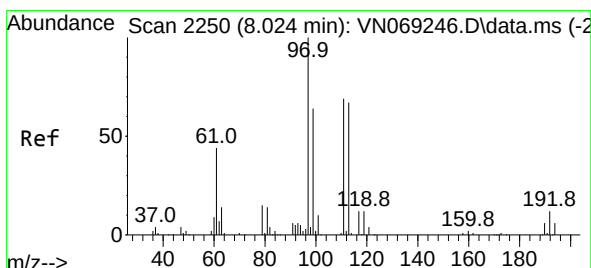
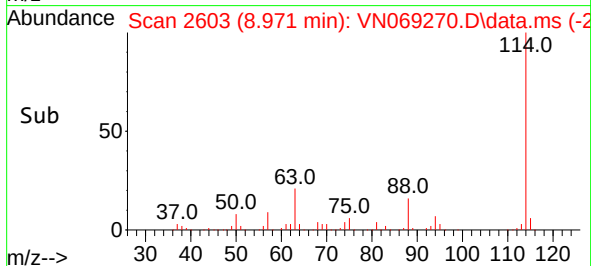
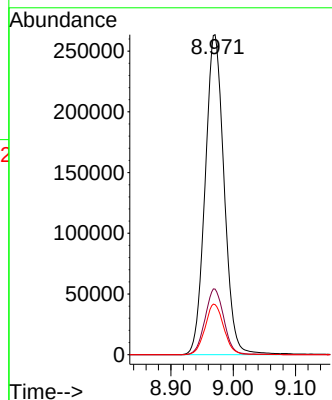
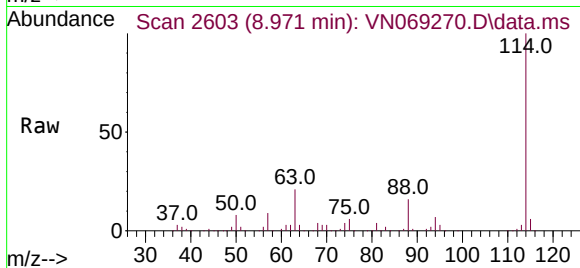
Tgt Ion:114 Resp: 556141

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 15.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 45.733 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069270.D

Acq: 29 Oct 2021 00:53

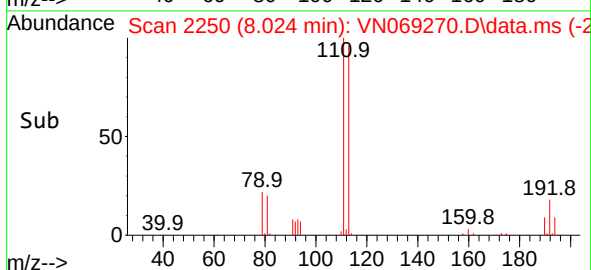
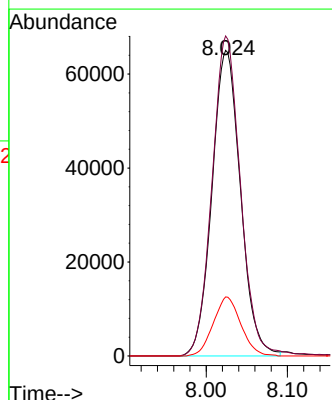
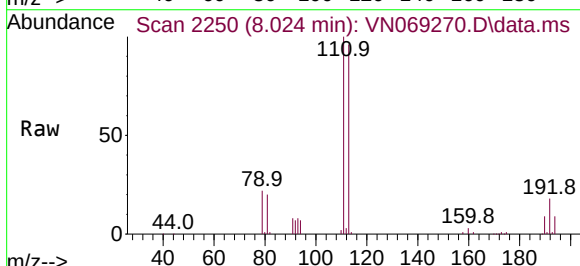
Tgt Ion:113 Resp: 158547

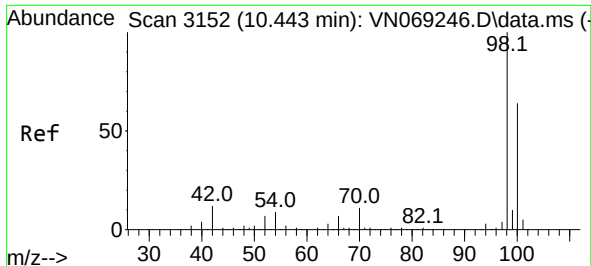
Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

192 18.7 15.0 22.4

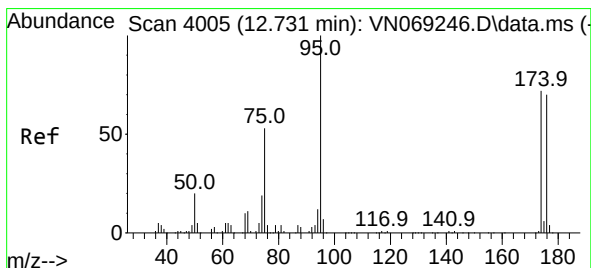
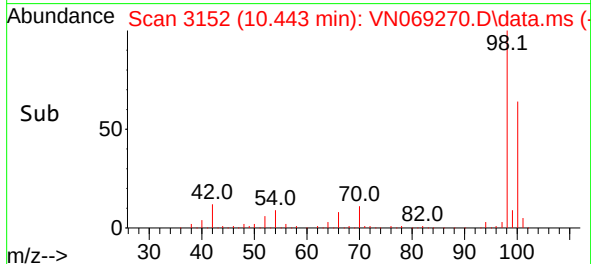
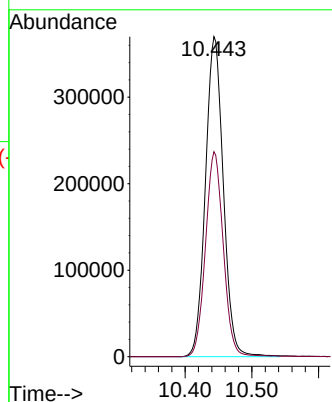
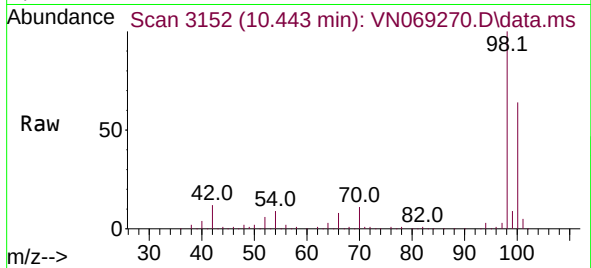




#50
Toluene-d8
Concen: 49.743 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069270.D
Acq: 29 Oct 2021 00:53

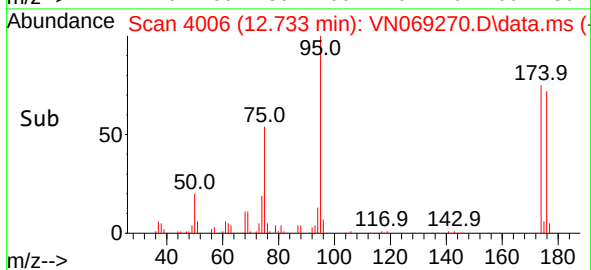
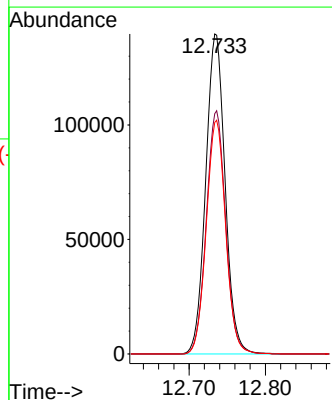
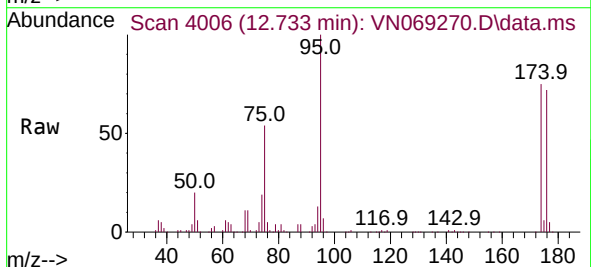
Instrument :
MSVOA_N
ClientSampleId :
DDC-4-PS

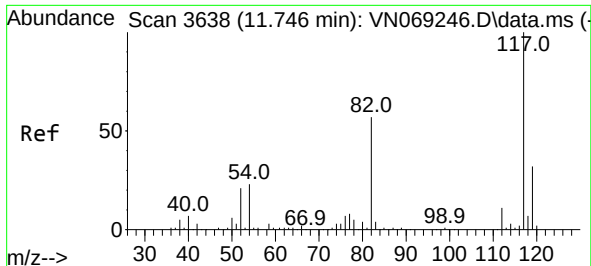
Tgt Ion: 98 Resp: 689507
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.045 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069270.D
Acq: 29 Oct 2021 00:53

Tgt Ion: 95 Resp: 246074
Ion Ratio Lower Upper
95 100
174 76.1 0.0 144.8
176 73.2 0.0 140.0

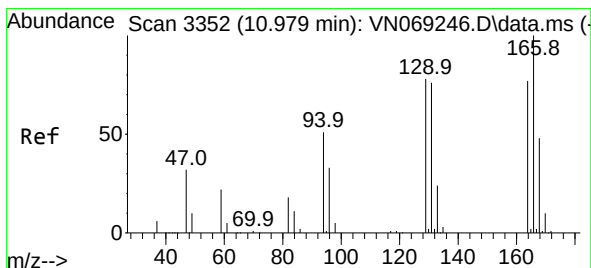
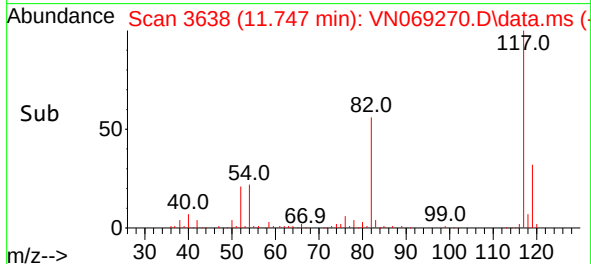
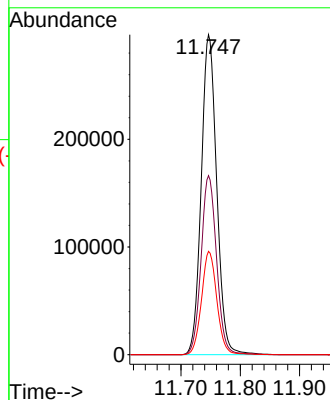
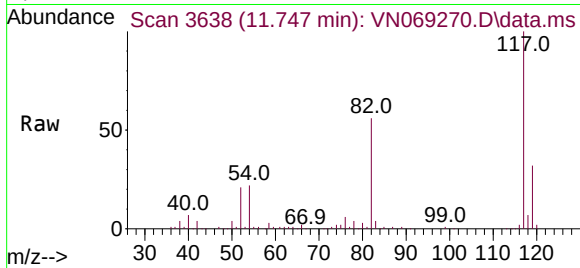




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069270.D
Acq: 29 Oct 2021 00:53

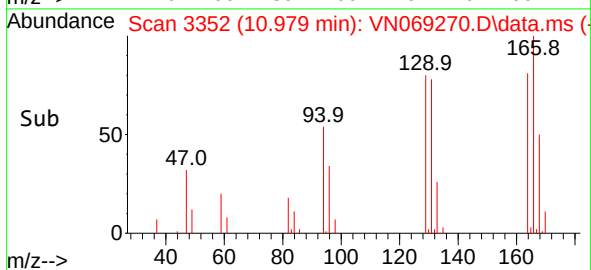
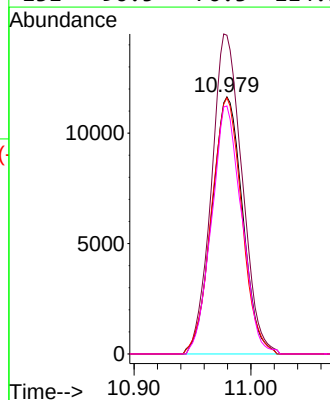
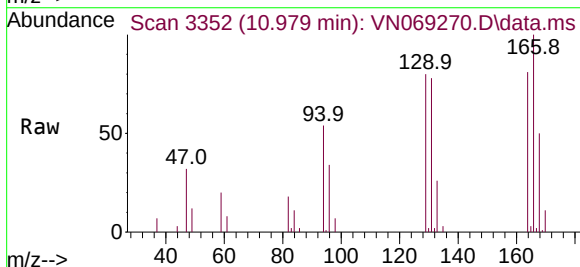
Instrument :
MSVOA_N
ClientSampleId :
DDC-4-PS

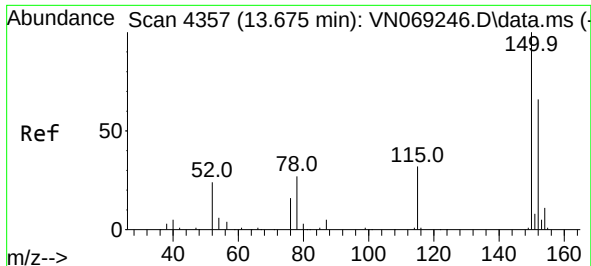
Tgt Ion:117 Resp: 538225
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 6.210 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069270.D
Acq: 29 Oct 2021 00:53

Tgt Ion:164 Resp: 21349
Ion Ratio Lower Upper
164 100
166 124.0 99.8 149.8
129 99.6 79.2 118.8
131 96.5 76.3 114.5

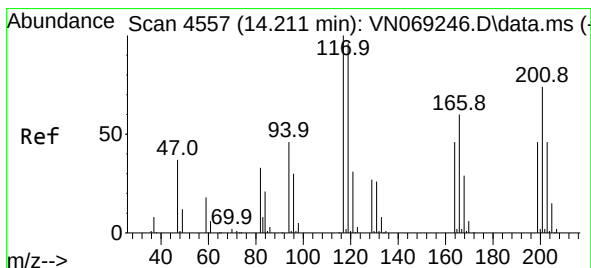
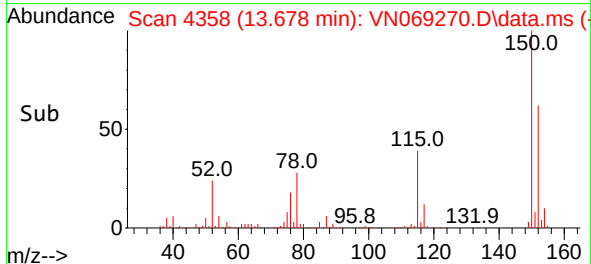
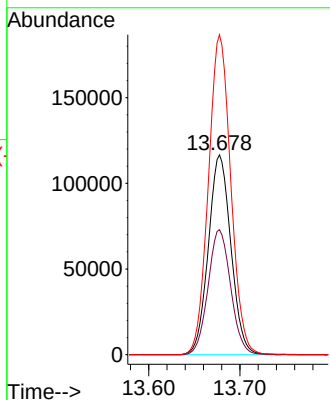
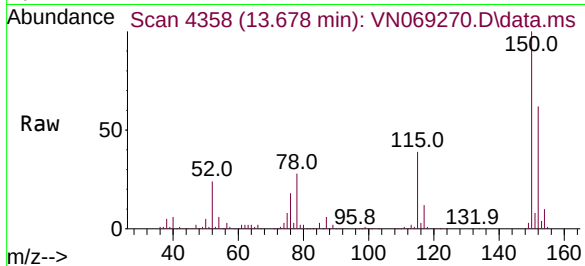




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069270.D
Acq: 29 Oct 2021 00:53

Instrument :
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DDC-4-PS

Tgt Ion:152 Resp: 200580
Ion Ratio Lower Upper
152 100
115 62.6 31.4 94.3
150 159.0 0.0 351.0



#90
Hexachloroethane
Concen: 3.272 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069270.D
Acq: 29 Oct 2021 00:53

Tgt Ion:117 Resp: 3456
Ion Ratio Lower Upper
117 100
201 65.9 37.1 111.5

