

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069269.D
 Acq On : 29 Oct 2021 00:27
 Operator : JC/MD
 Sample : M4338-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DDC-4-PD

Quant Time: Oct 29 07:55:38 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)

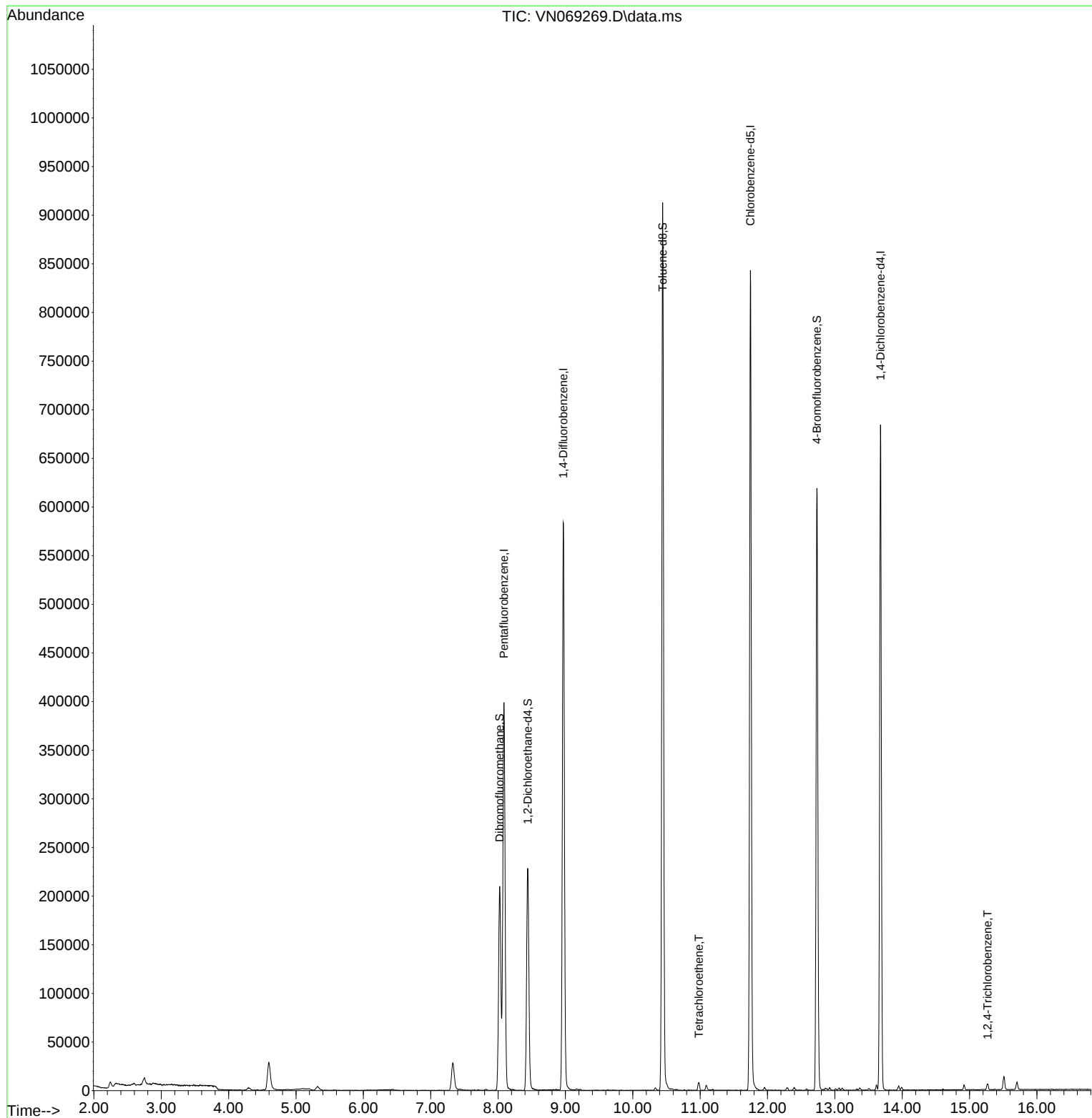
Internal Standards						
1) Pentafluorobenzene	8.088	168	298112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	521583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	496416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	180882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	198308	46.082	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.160%
35) Dibromofluoromethane	8.024	113	152537	46.915	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.820%
50) Toluene-d8	10.443	98	648089	49.853	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.733	95	227269	46.329	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.660%
Target Compounds						
					Qvalue	
64) Tetrachloroethene	10.982	164	2039	0.643	ug/l #	84
93) 1,2,4-Trichlorobenzene	15.268	180	2591	3.325	ug/l	96

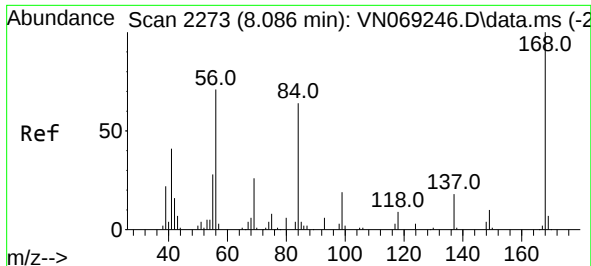
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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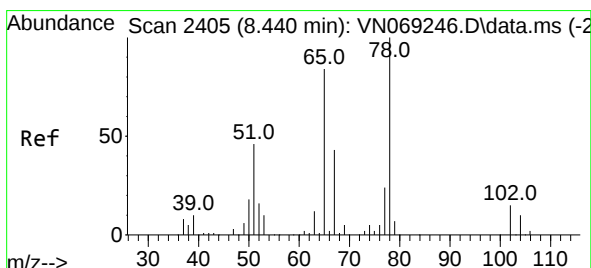
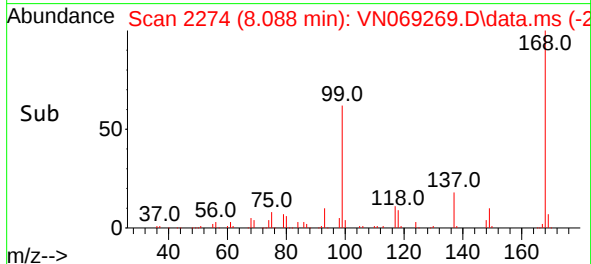
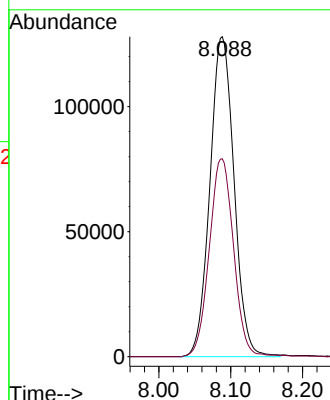
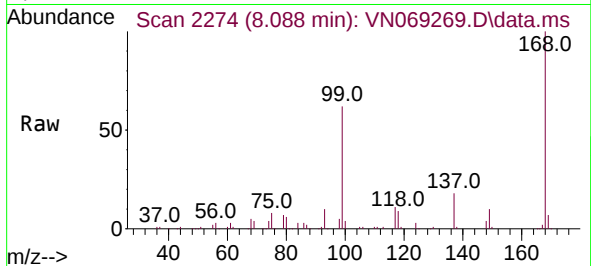




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

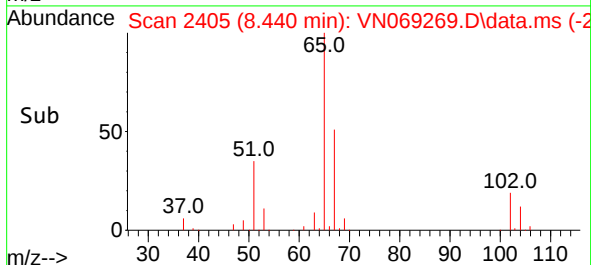
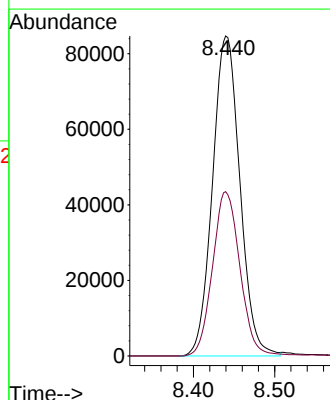
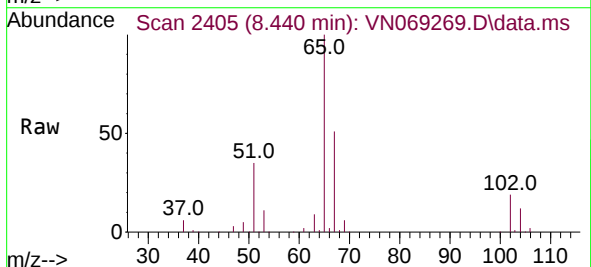
Instrument :
MSVOA_N
ClientSampleId :
DDC-4-PD

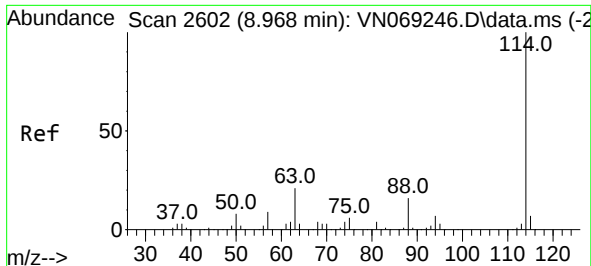
Tgt Ion:168 Resp: 298112
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 46.082 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 65 Resp: 198308
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN069269.D

Acq: 29 Oct 2021 00:27

Instrument :

MSVOA_N

ClientSampleId :

DDC-4-PD

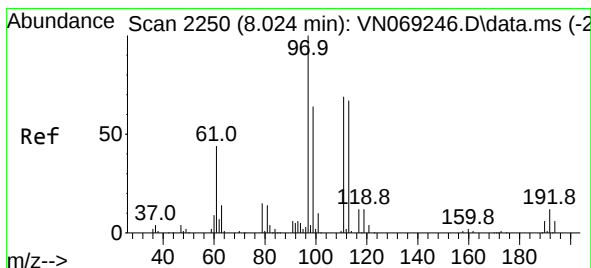
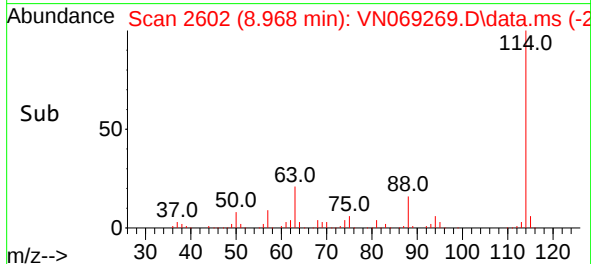
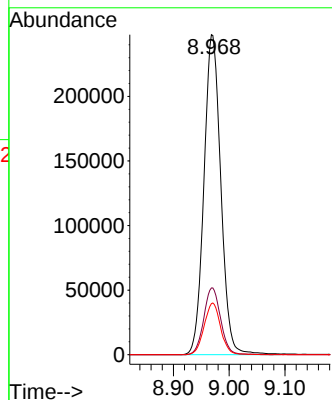
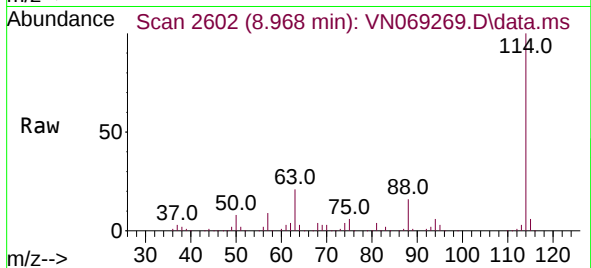
Tgt Ion:114 Resp: 521583

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.9 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.915 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069269.D

Acq: 29 Oct 2021 00:27

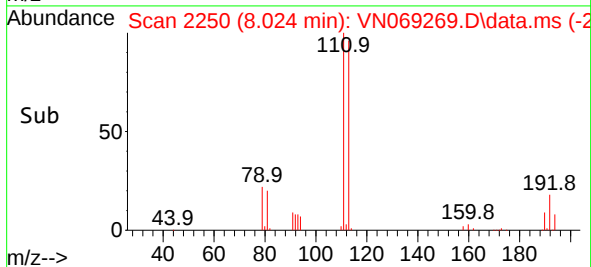
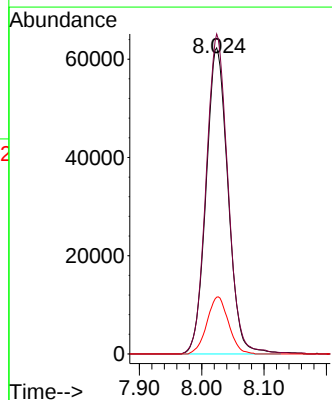
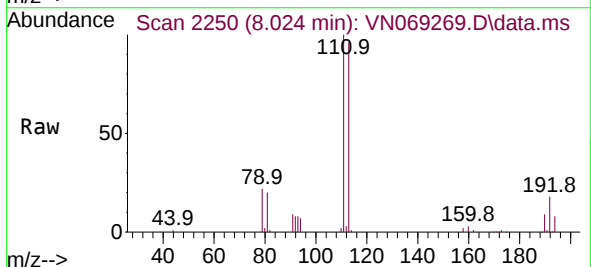
Tgt Ion:113 Resp: 152537

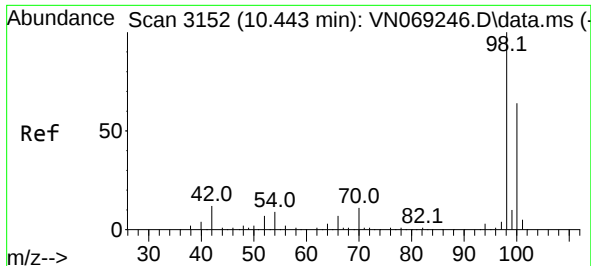
Ion Ratio Lower Upper

113 100

111 104.0 83.2 124.8

192 18.4 15.0 22.4

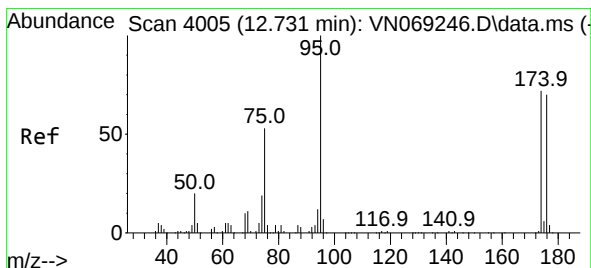
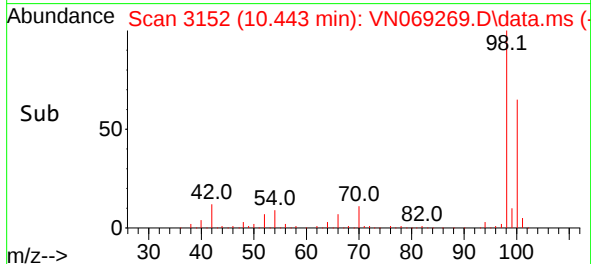
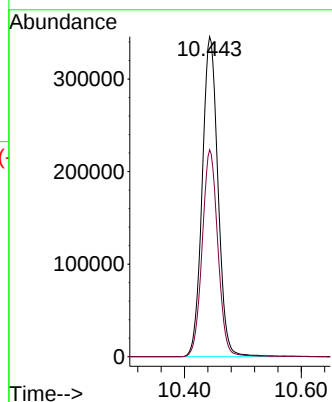
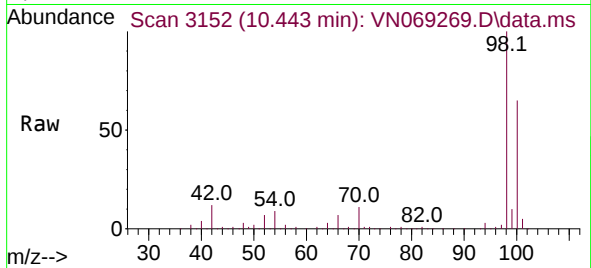




#50
Toluene-d8
Concen: 49.853 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

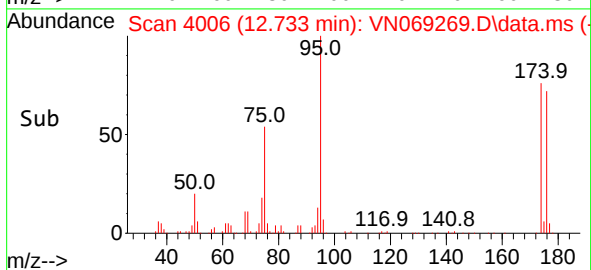
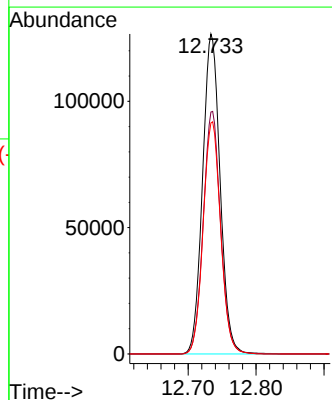
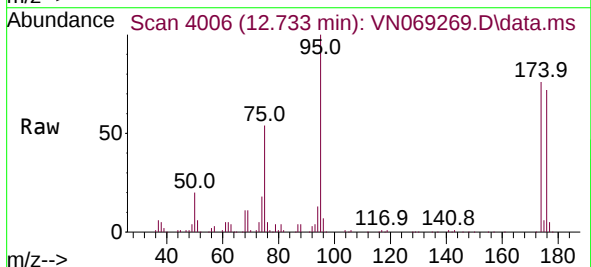
Instrument :
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DDC-4-PD

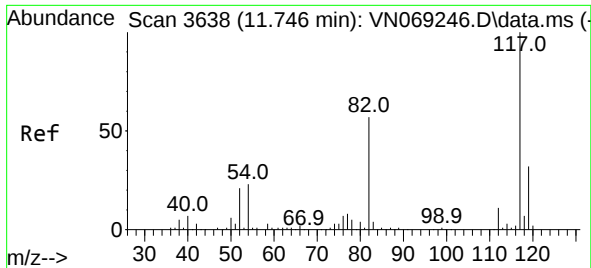
Tgt Ion: 98 Resp: 648089
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.329 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 95 Resp: 227269
Ion Ratio Lower Upper
95 100
174 74.8 0.0 144.8
176 72.3 0.0 140.0

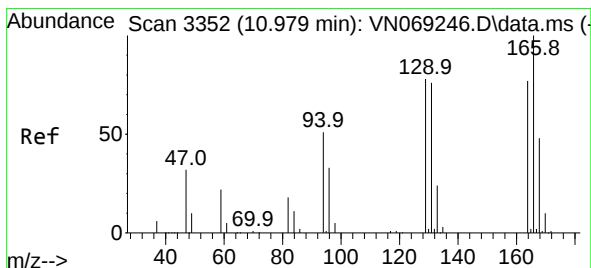
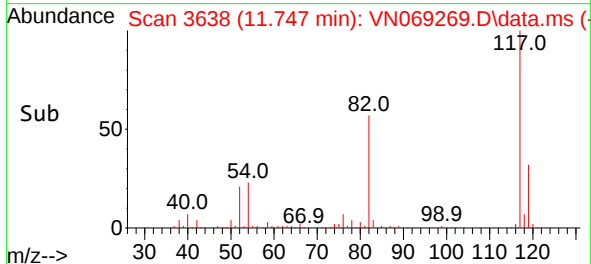
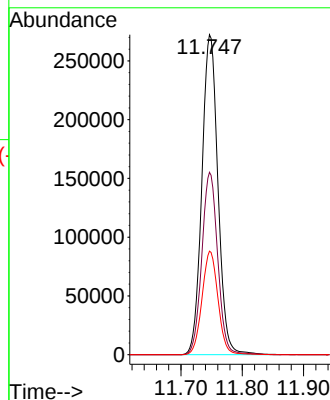
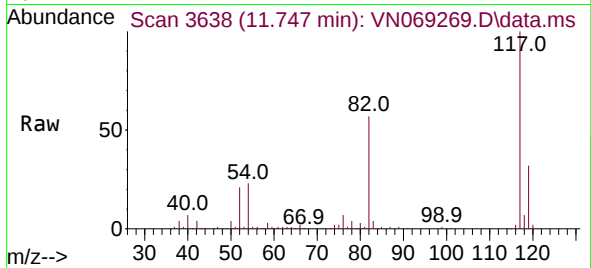




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

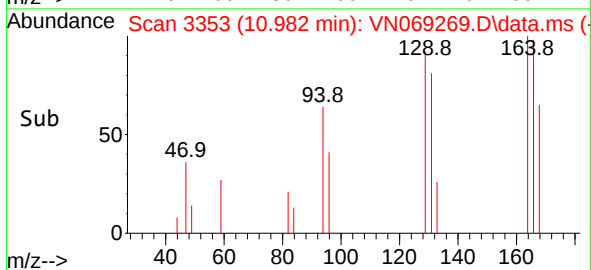
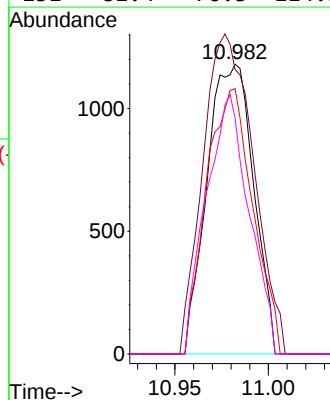
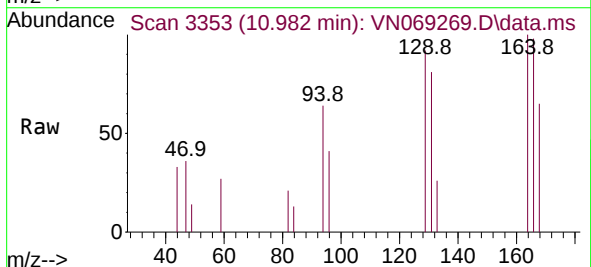
Instrument :
MSVOA_N
ClientSampleId :
DDC-4-PD

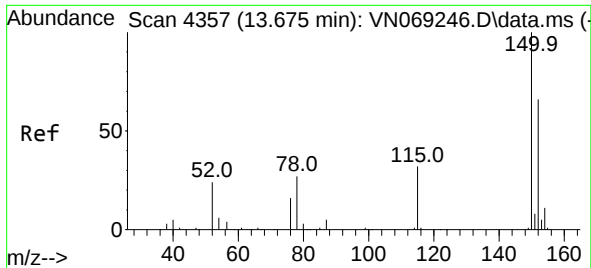
Tgt Ion:117 Resp: 496416
Ion Ratio Lower Upper
117 100
82 57.0 46.4 69.6
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 0.643 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion:164 Resp: 2039
Ion Ratio Lower Upper
164 100
166 98.1 99.8 149.8#
129 91.5 79.2 118.8
131 81.4 76.3 114.5

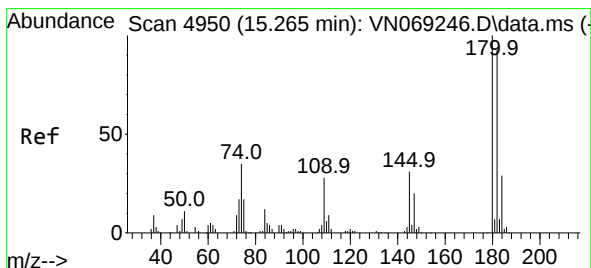
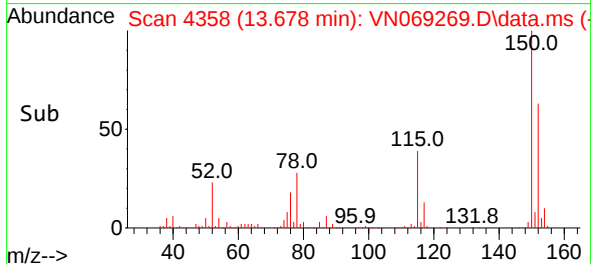
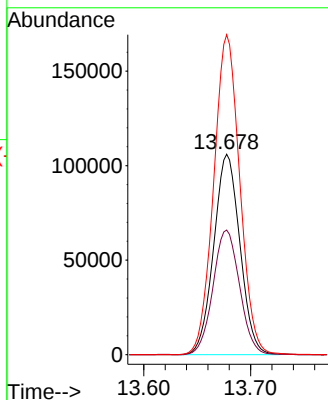
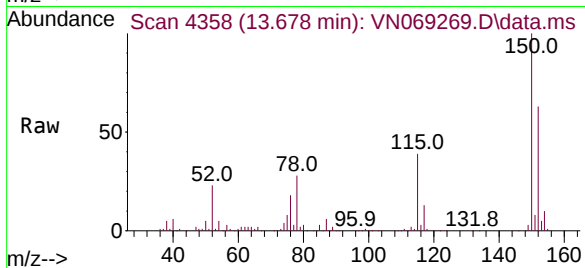




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Instrument :
MSVOA_N
ClientSampleId :
DDC-4-PD

Tgt Ion:152 Resp: 180882
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.3
150 159.0 0.0 351.0



#93
1,2,4-Trichlorobenzene
Concen: 3.325 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion:180 Resp: 2591
Ion Ratio Lower Upper
180 100
182 98.7 47.9 143.7
145 28.5 16.4 49.2

