

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072948.D
 Acq On : 20 Jun 2022 09:40
 Operator : JC\MD
 Sample : VN0620WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBL02

Quant Time: Jun 21 05:53:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	349671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	552859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.674	117	497680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	248498	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196996	41.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.340%
35) Dibromofluoromethane	7.951	113	173081	50.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	10.375	98	567245	44.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.220%
62) 4-Bromofluorobenzene	12.663	95	247375	54.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.200%

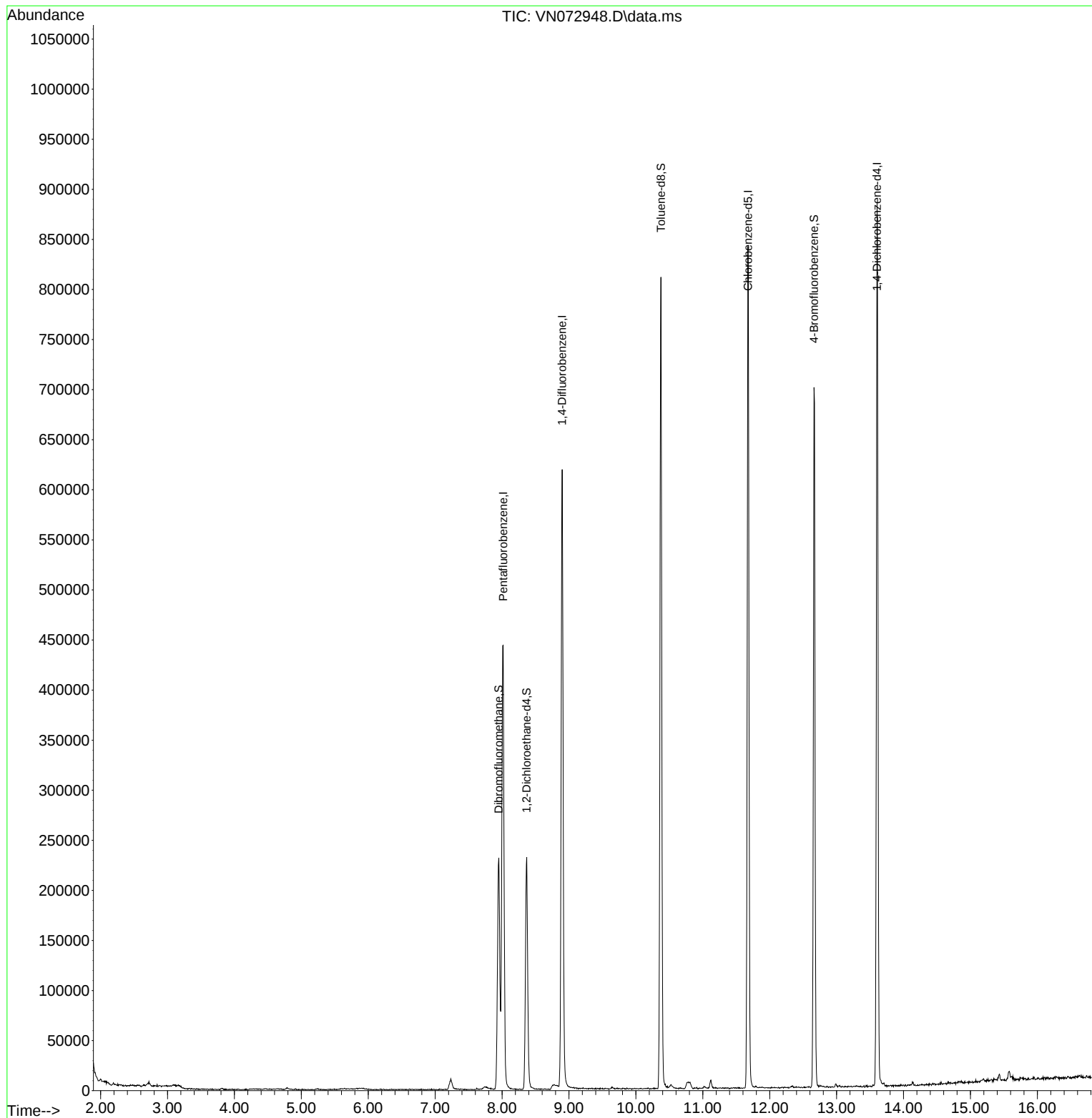
Target Compounds	Qvalue

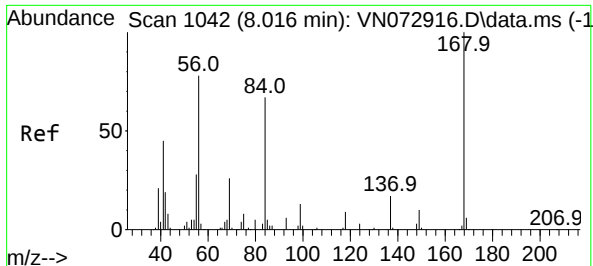
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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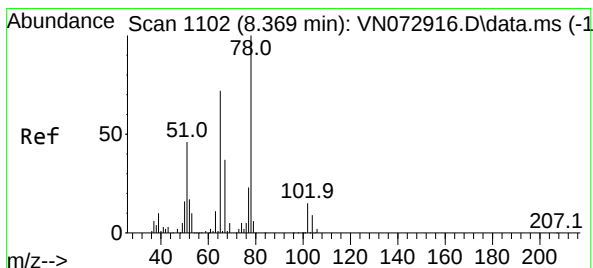
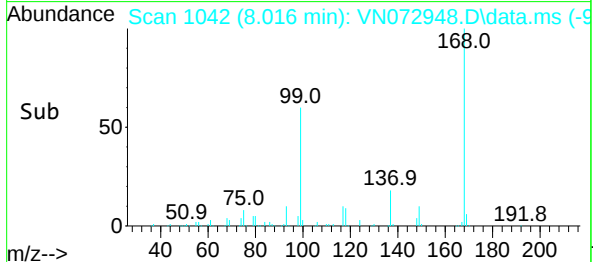
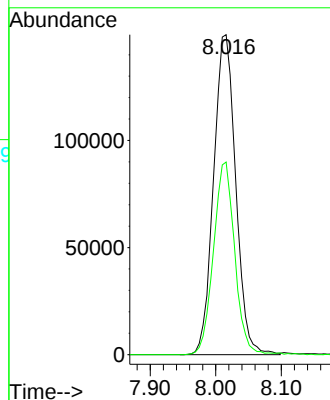
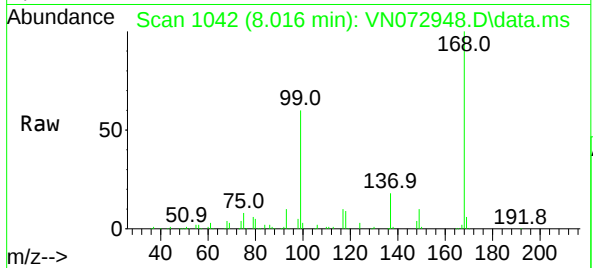




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

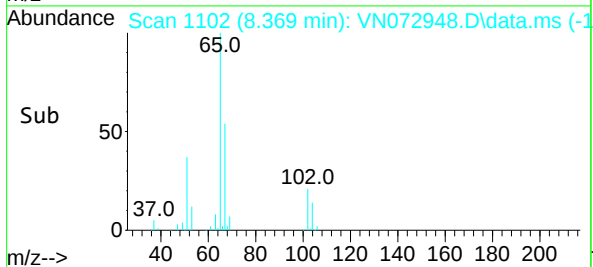
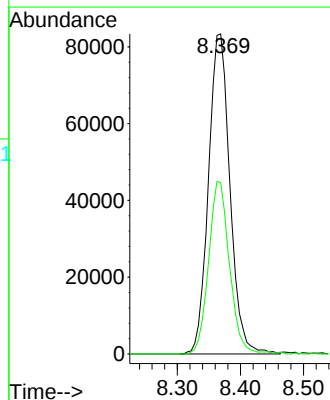
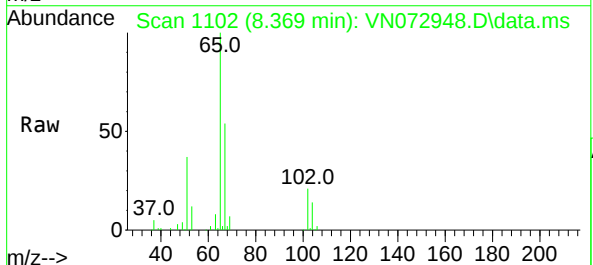
Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL02

Tgt Ion:168 Resp: 349671
Ion Ratio Lower Upper
168 100
99 60.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 41.671 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion: 65 Resp: 196996
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072948.D

Acq: 20 Jun 2022 09:40

Instrument :

MSVOA_N

ClientSampleId :

VN0620WBL02

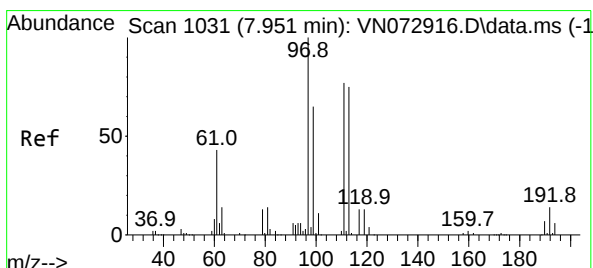
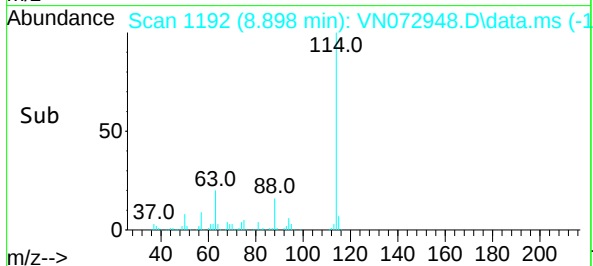
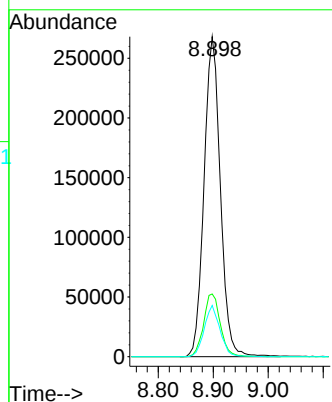
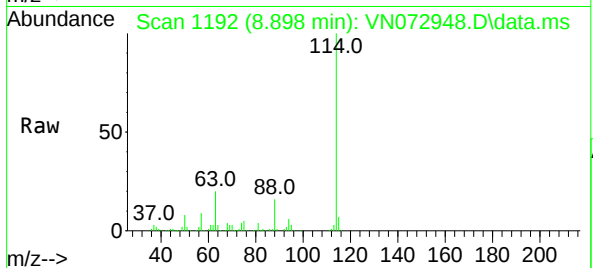
Tgt Ion:114 Resp: 552859

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.650 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072948.D

Acq: 20 Jun 2022 09:40

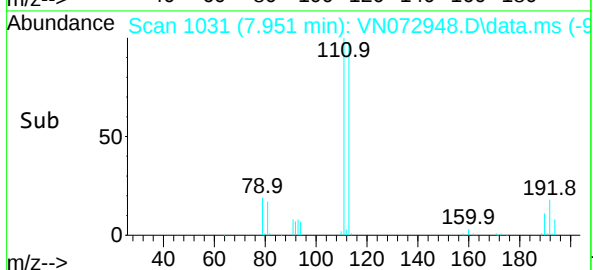
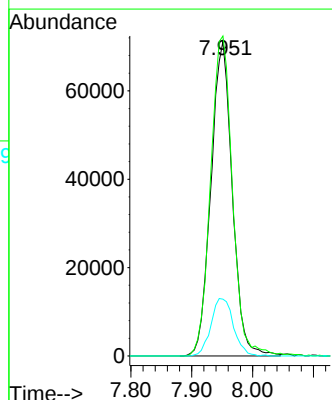
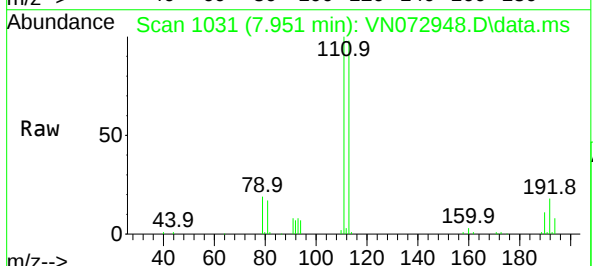
Tgt Ion:113 Resp: 173081

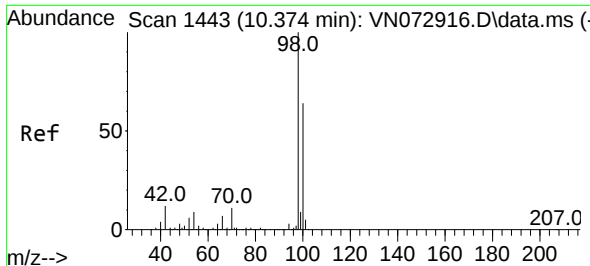
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 19.2 17.0 25.6

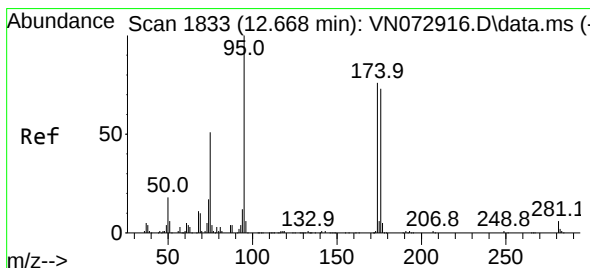
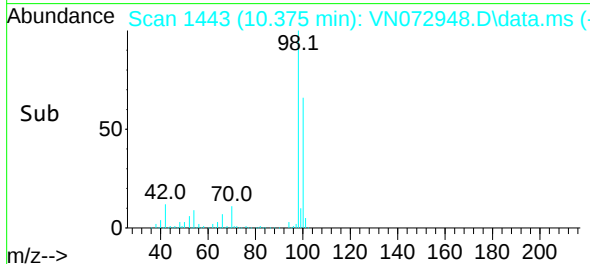
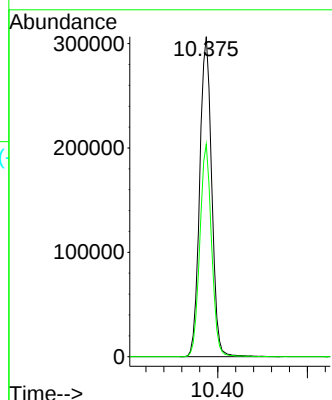
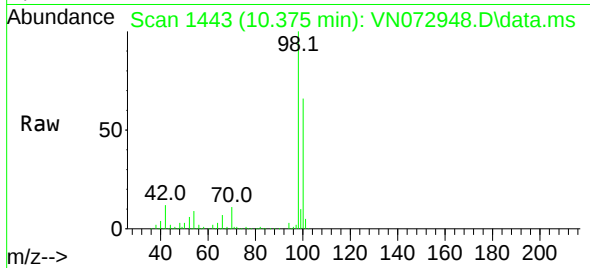




#50
Toluene-d8
Concen: 44.611 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

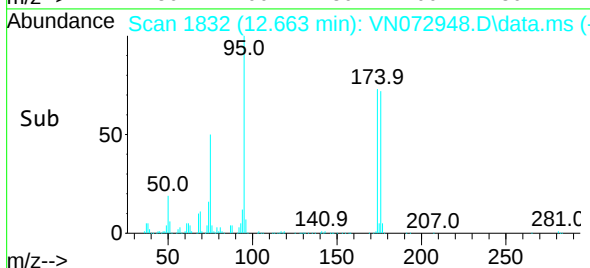
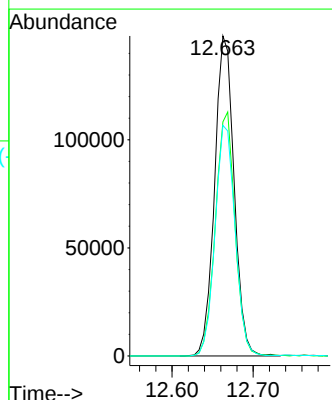
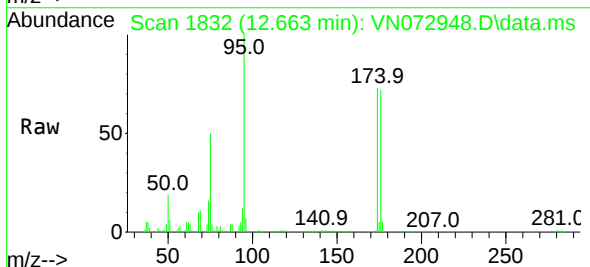
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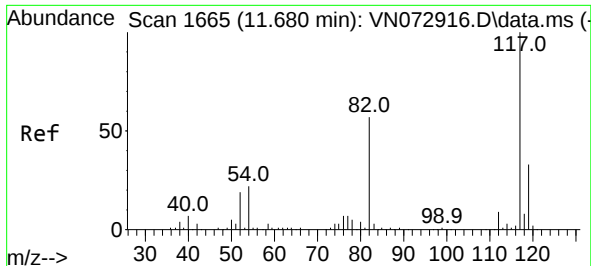
Tgt Ion: 98 Resp: 567245
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.103 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion: 95 Resp: 247375
Ion Ratio Lower Upper
95 100
174 76.7 0.0 167.6
176 73.9 0.0 163.4

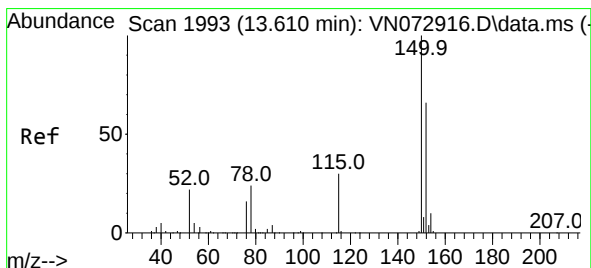
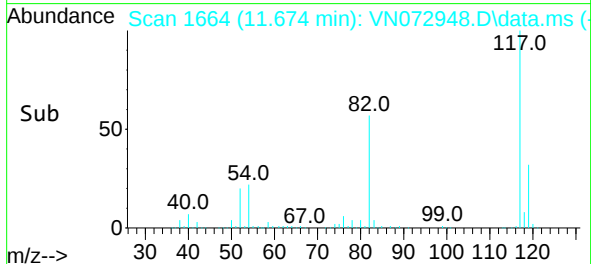
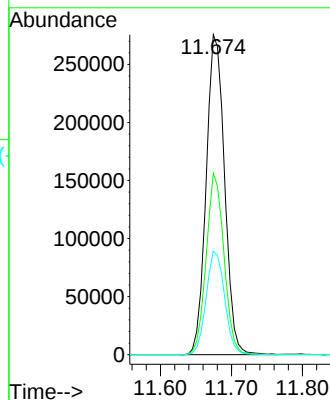
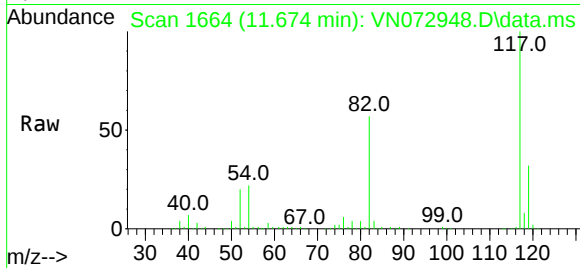




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.674 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Instrument :
MSVOA_N
ClientSampleId :
VN0620WBL02

Tgt Ion:117 Resp: 497680
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.604 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VN072948.D
Acq: 20 Jun 2022 09:40

Tgt Ion:152 Resp: 248498
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.7
150 153.9 0.0 356.2

