

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073816.D
 Acq On : 07 Jul 2022 18:58
 Operator : VA/SY
 Sample : N3593-09
 Misc : 5.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220485C-3C

Quant Time: Jul 08 06:35:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

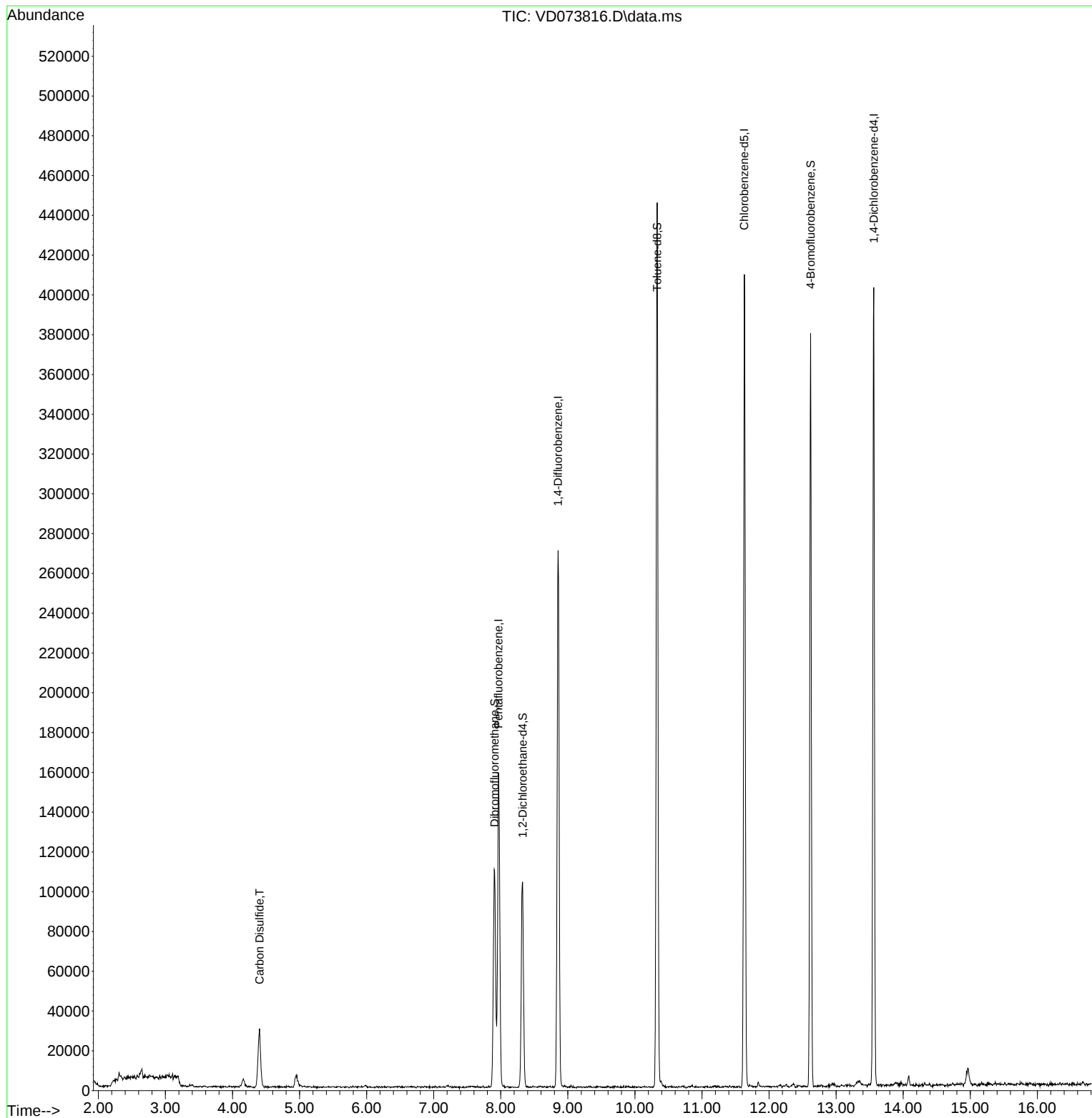
Internal Standards						
1) Pentafluorobenzene	7.967	168	98968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	225596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	215913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	83861	68.869	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	137.740%	
35) Dibromofluoromethane	7.908	113	77317	55.856	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	111.720%	
50) Toluene-d8	10.332	98	288748	61.577	ug/l	0.00
Spiked Amount	50.000	Range 78 - 12	Recovery	=	123.160%#	
62) 4-Bromofluorobenzene	12.620	95	104987	54.468	ug/l	0.00
Spiked Amount	50.000	Range 50 - 14	Recovery	=	108.940%#	
Target Compounds						
17) Carbon Disulfide	4.403	76	56289	52.005	ug/l	Qvalue # 91

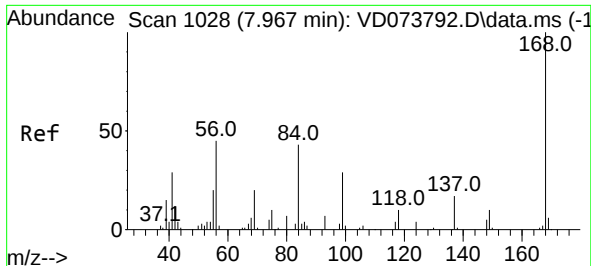
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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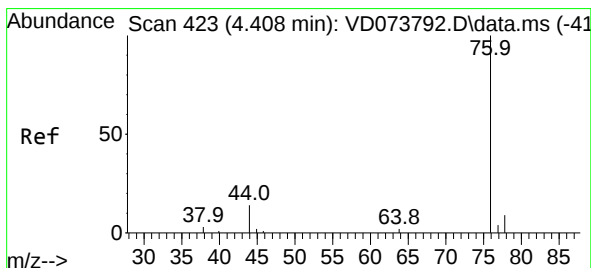
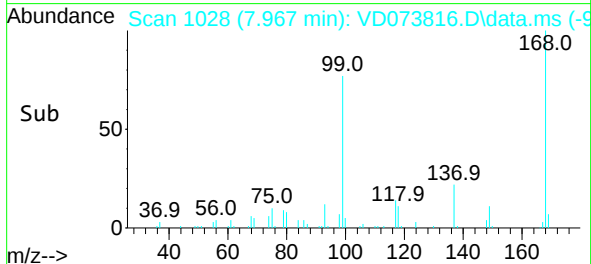
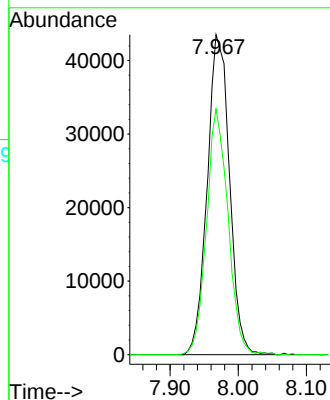
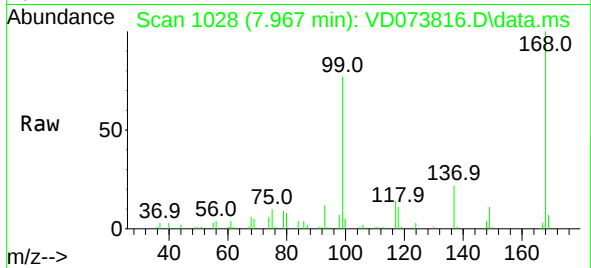




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073816.D
Acq: 07 Jul 2022 18:58

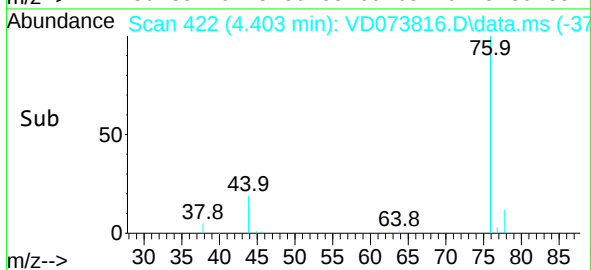
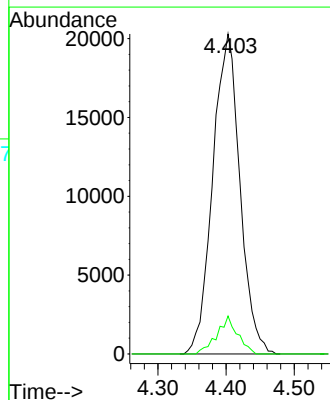
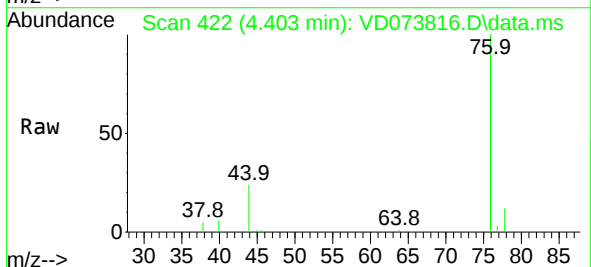
Instrument :
MSVOA_D
ClientSampleId :
20220485C-3C

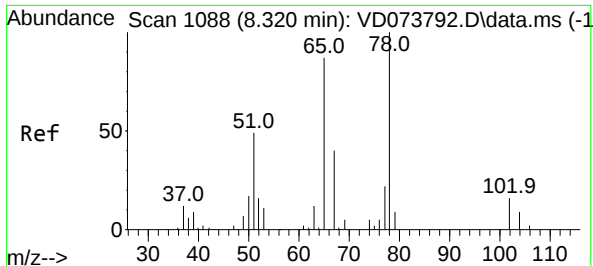
Tgt Ion:168 Resp: 98968
Ion Ratio Lower Upper
168 100
99 76.8 58.4 87.6



#17
Carbon Disulfide
Concen: 52.005 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.005 min
Lab File: VD073816.D
Acq: 07 Jul 2022 18:58

Tgt Ion: 76 Resp: 56289
Ion Ratio Lower Upper
76 100
78 11.8 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 68.869 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073816.D

Acq: 07 Jul 2022 18:58

Instrument :

MSVOA_D

ClientSampleId :

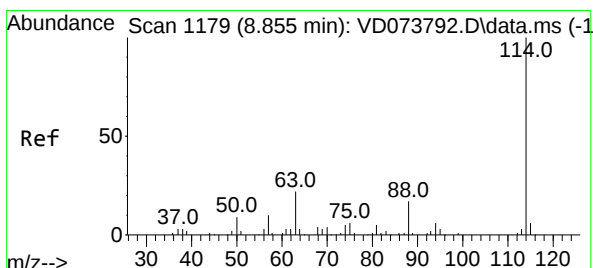
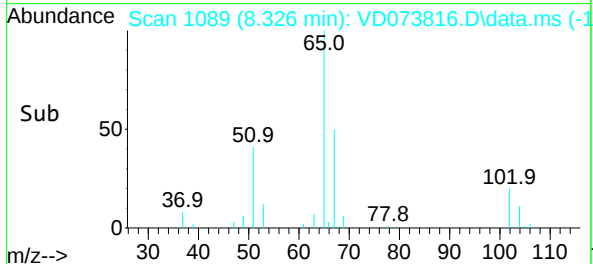
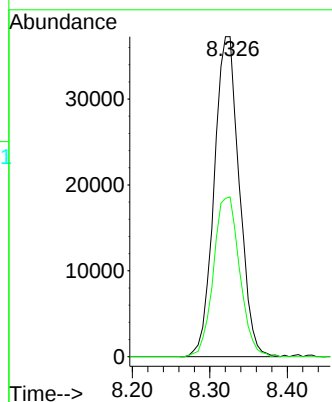
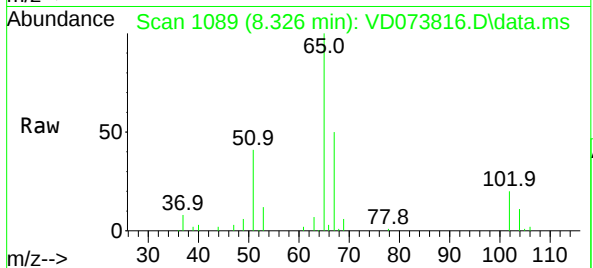
20220485C-3C

Tgt Ion: 65 Resp: 83861

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073816.D

Acq: 07 Jul 2022 18:58

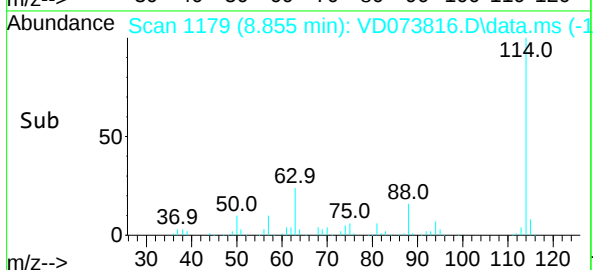
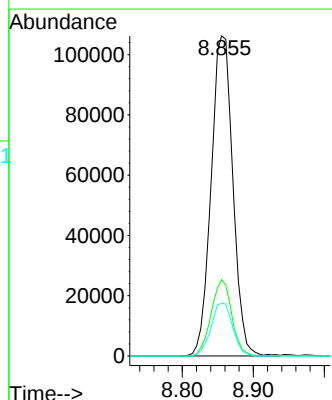
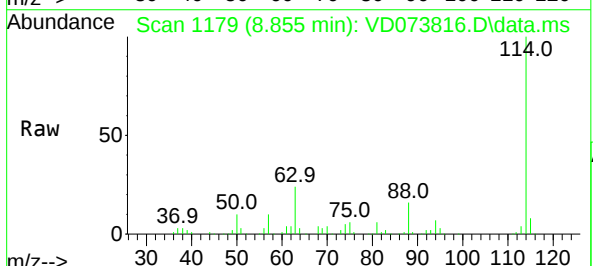
Tgt Ion: 114 Resp: 225596

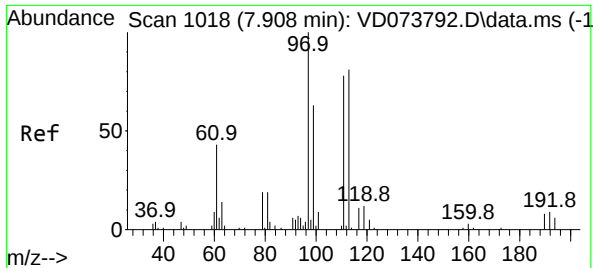
Ion Ratio Lower Upper

114 100

63 23.9 0.0 44.2

88 16.5 0.0 33.6

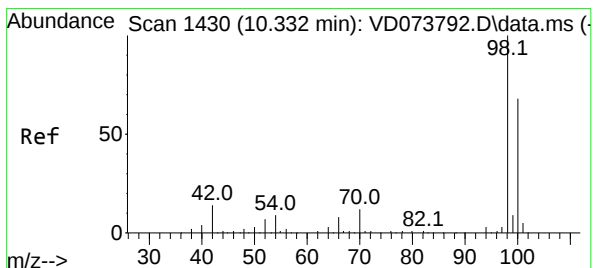
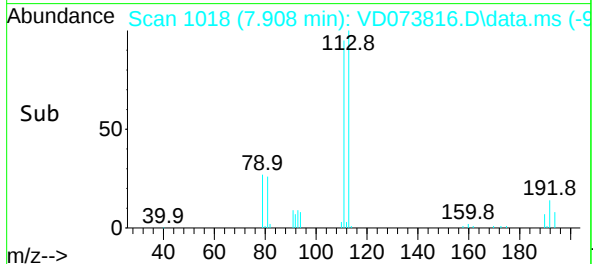
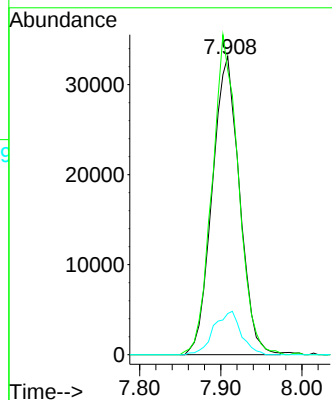
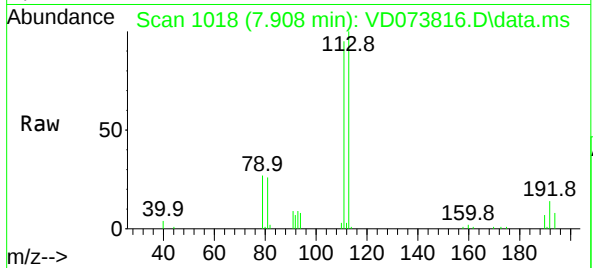




#35
Dibromofluoromethane
Concen: 55.856 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073816.D
Acq: 07 Jul 2022 18:58

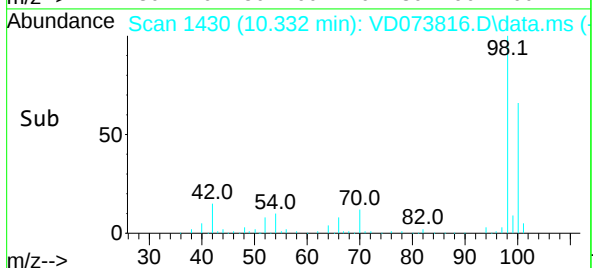
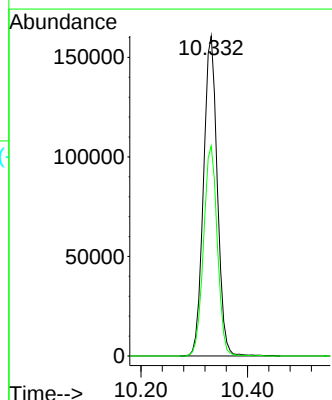
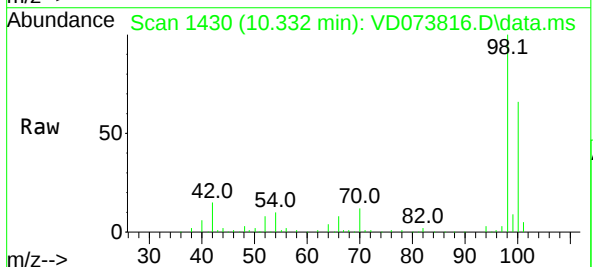
Instrument :
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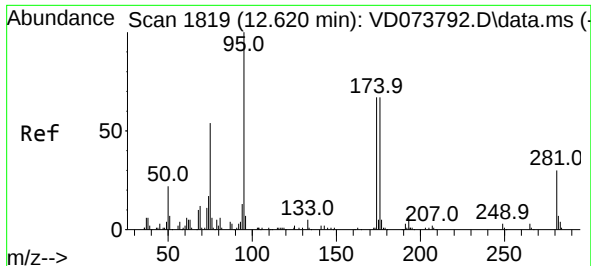
Tgt Ion:113 Resp: 77317
Ion Ratio Lower Upper
113 100
111 104.0 82.7 124.1
192 14.5 11.7 17.5



#50
Toluene-d8
Concen: 61.577 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073816.D
Acq: 07 Jul 2022 18:58

Tgt Ion: 98 Resp: 288748
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

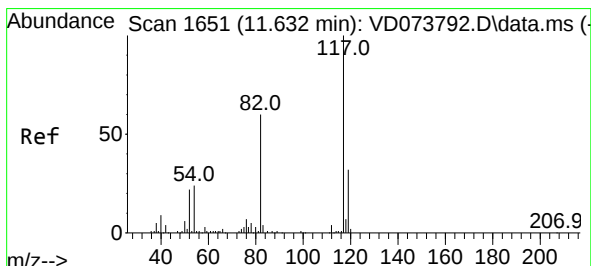
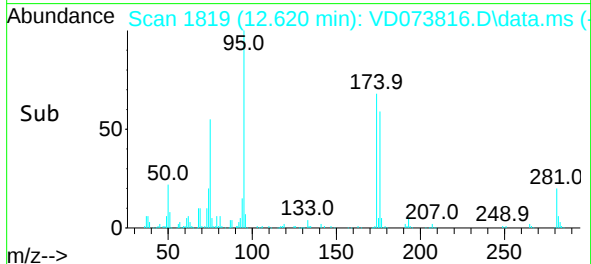
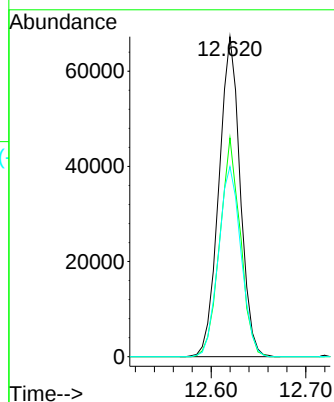
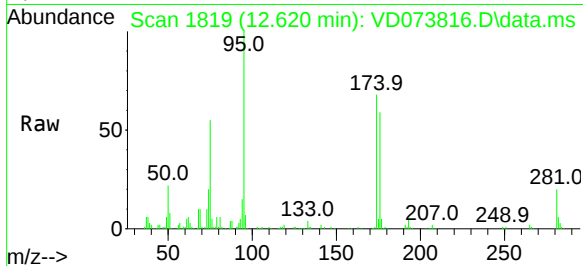




#62
4-Bromofluorobenzene
Concen: 54.468 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073816.D
Acq: 07 Jul 2022 18:58

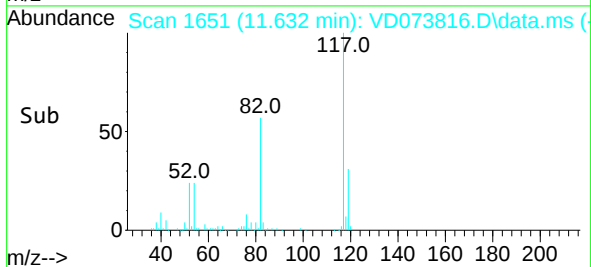
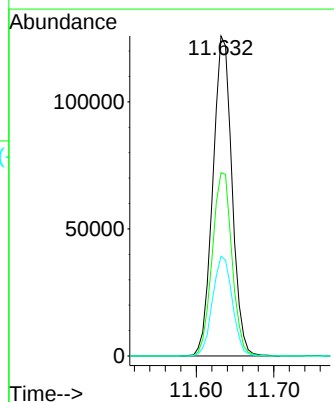
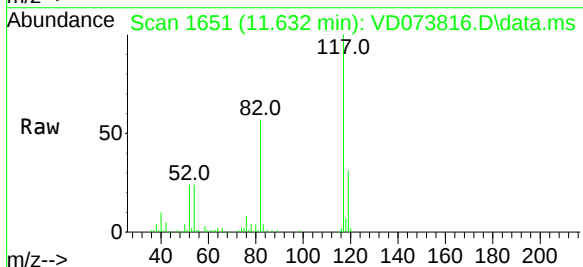
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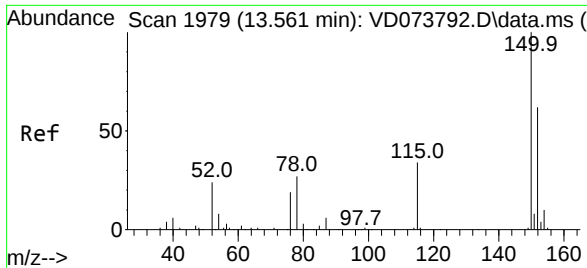
Tgt Ion: 95 Resp: 104987
Ion Ratio Lower Upper
95 100
174 66.0 0.0 132.4
176 62.9 0.0 129.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073816.D
Acq: 07 Jul 2022 18:58

Tgt Ion: 117 Resp: 215913
Ion Ratio Lower Upper
117 100
82 57.3 48.2 72.2
119 31.1 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073816.D
 Acq: 07 Jul 2022 18:58

Instrument :
 MSVOA_D
 ClientSampleId :
 20220485C-3C

Tgt Ion:152 Resp: 94938
 Ion Ratio Lower Upper
 152 100
 115 66.9 32.2 96.6
 150 157.7 0.0 353.0

