

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073815.D
 Acq On : 07 Jul 2022 18:28
 Operator : VA/SY
 Sample : N3593-06
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220484C-2C

Quant Time: Jul 08 06:34:54 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)

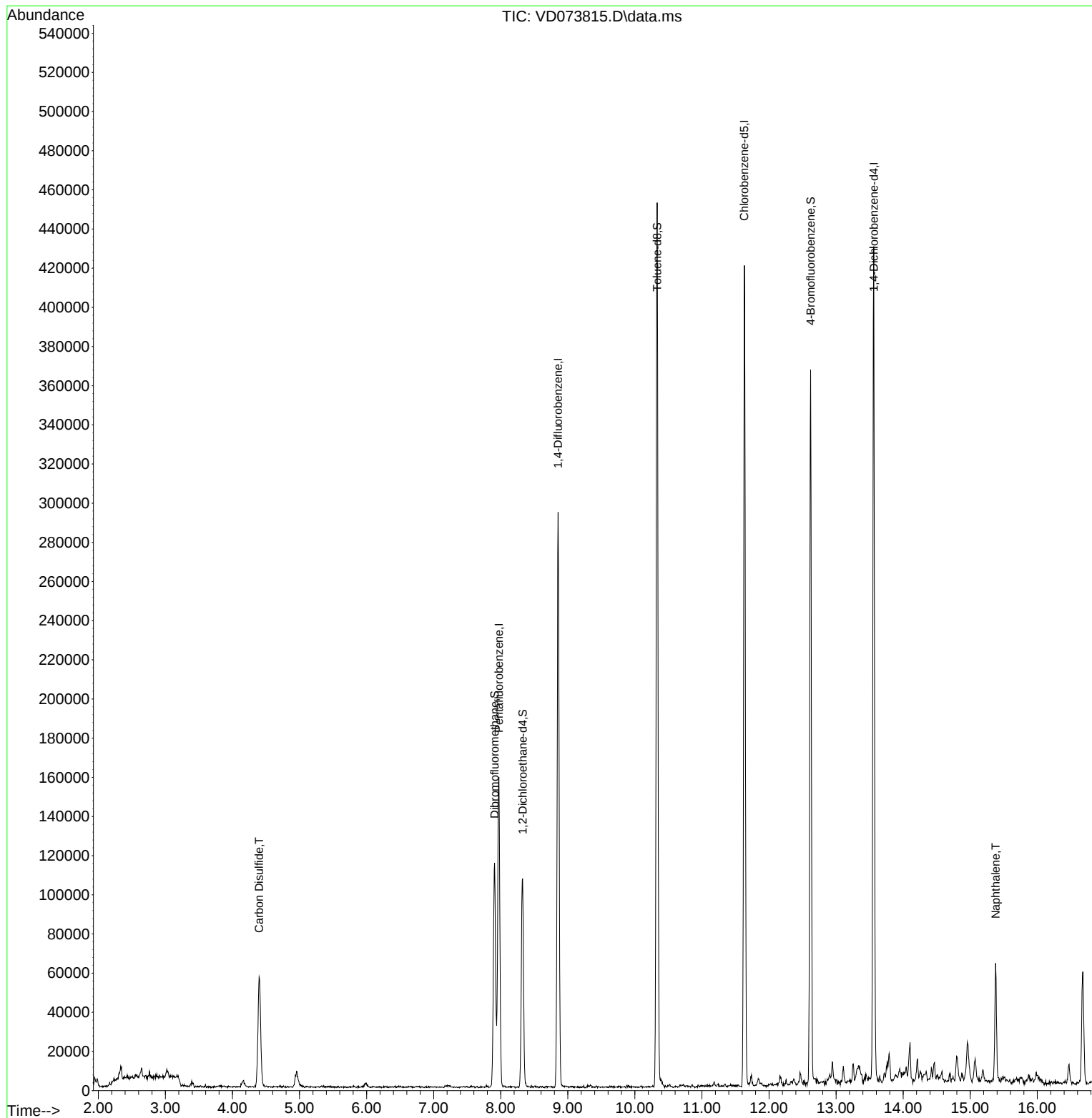
Internal Standards						
1) Pentafluorobenzene	7.973	168	102961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	233029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	223436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	98879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	87025	68.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.400%
35) Dibromofluoromethane	7.908	113	79759	55.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.560%
50) Toluene-d8	10.332	98	300512	62.041	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	=	124.080%#
62) 4-Bromofluorobenzene	12.620	95	108374	54.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	=	108.860%#
Target Compounds						Qvalue
17) Carbon Disulfide	4.397	76	117369	111.206	ug/l	99
95) Naphthalene	15.379	128	47329	12.449	ug/l	98

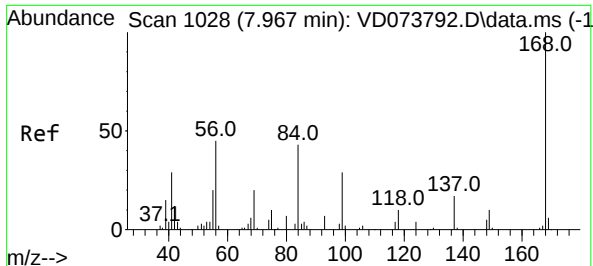
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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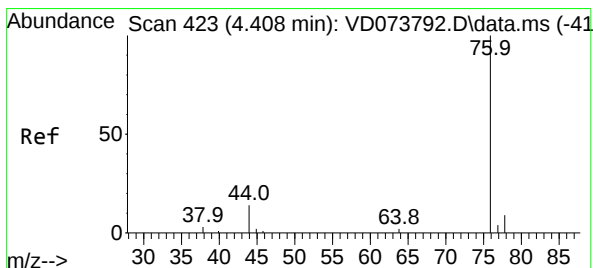
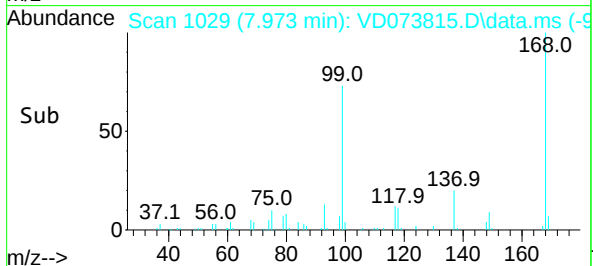
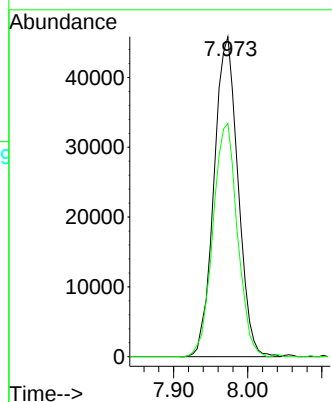
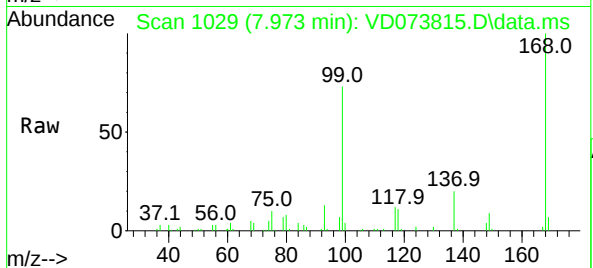




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073815.D
Acq: 07 Jul 2022 18:28

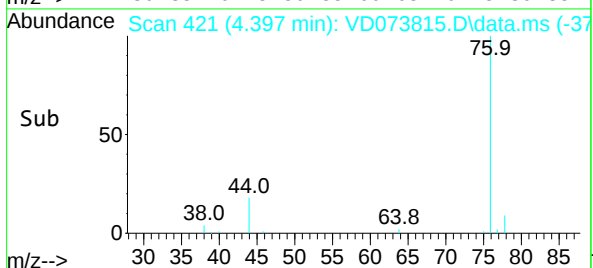
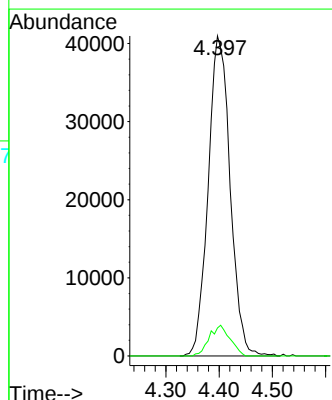
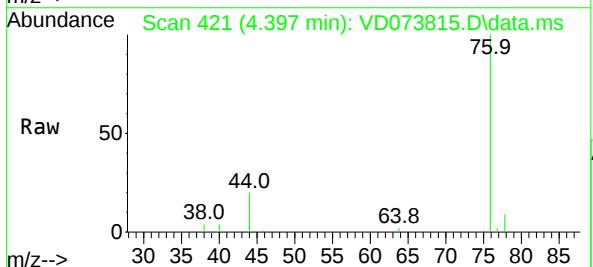
Instrument :
MSVOA_D
ClientSampleId :
20220484C-2C

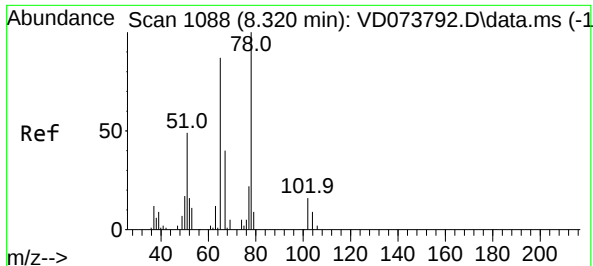
Tgt Ion:168 Resp: 102961
Ion Ratio Lower Upper
168 100
99 72.9 58.4 87.6



#17
Carbon Disulfide
Concen: 111.206 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.011 min
Lab File: VD073815.D
Acq: 07 Jul 2022 18:28

Tgt Ion: 76 Resp: 117369
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 68.696 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073815.D

Acq: 07 Jul 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

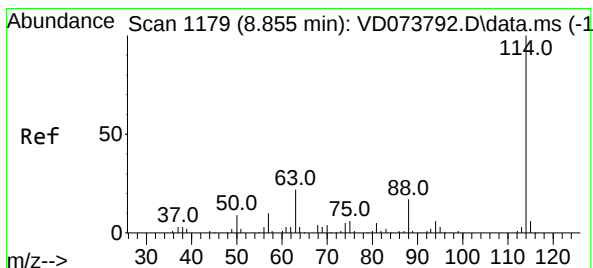
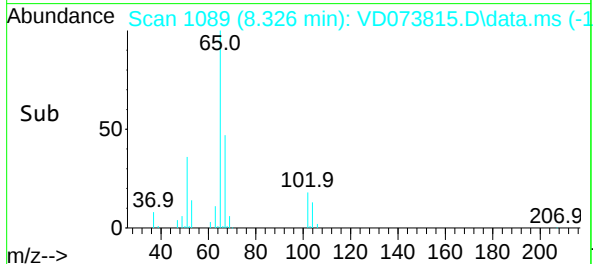
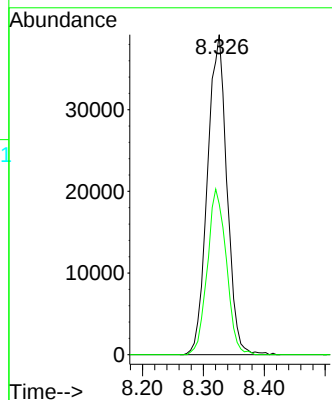
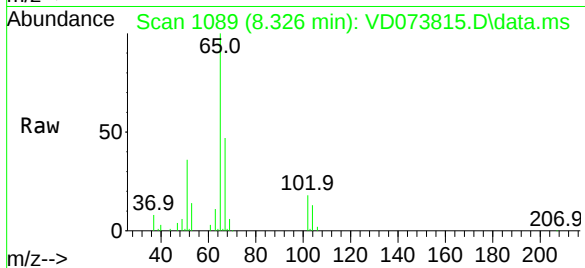
20220484C-2C

Tgt Ion: 65 Resp: 87025

Ion Ratio Lower Upper

65 100

67 50.4 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: VD073815.D

Acq: 07 Jul 2022 18:28

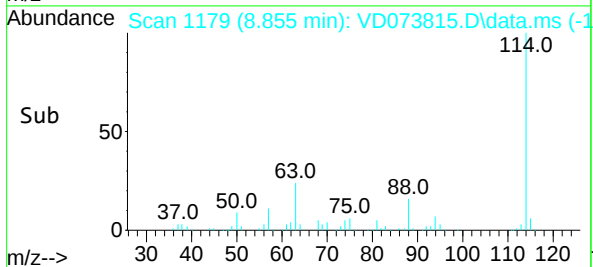
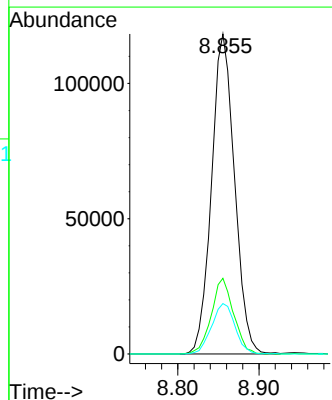
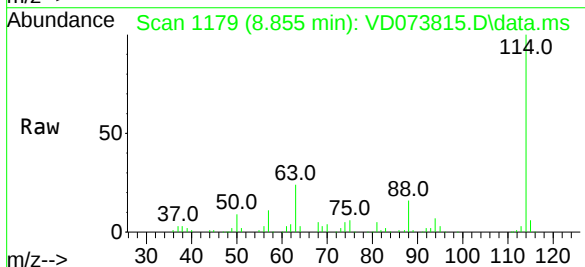
Tgt Ion: 114 Resp: 233029

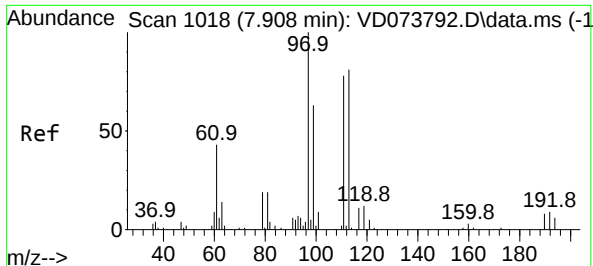
Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.2

88 15.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.782 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073815.D

Acq: 07 Jul 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

20220484C-2C

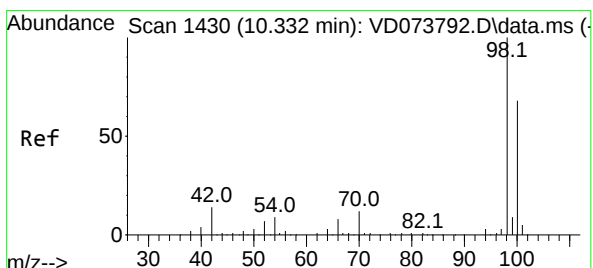
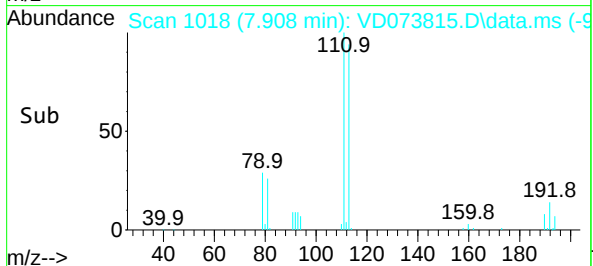
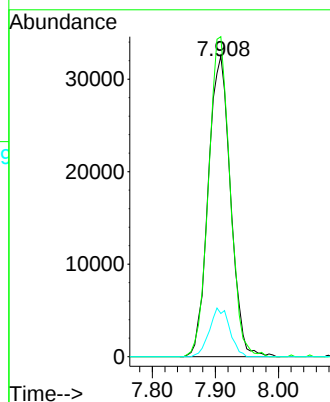
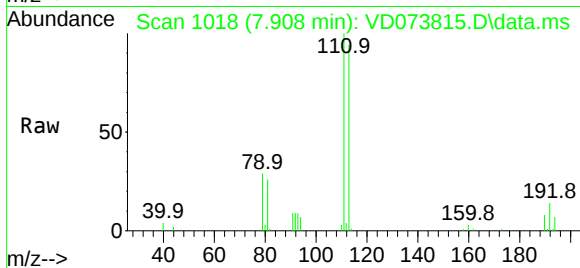
Tgt Ion:113 Resp: 79759

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 14.8 11.7 17.5



#50

Toluene-d8

Concen: 62.041 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073815.D

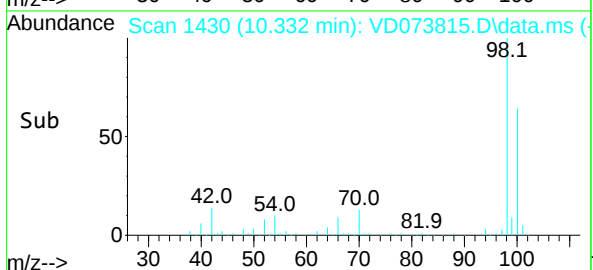
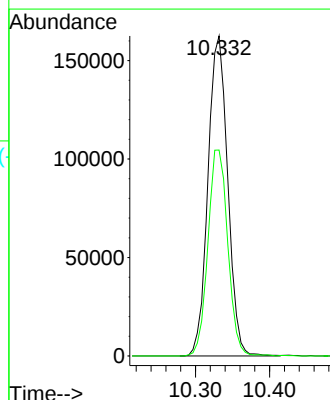
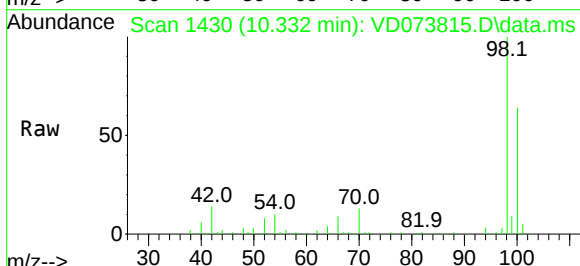
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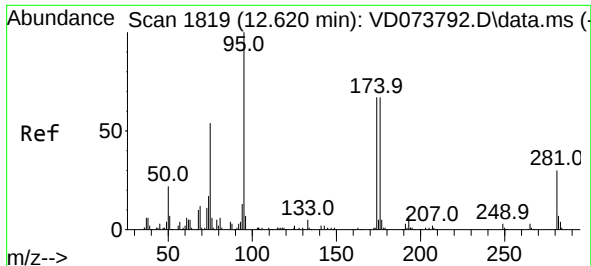
Tgt Ion: 98 Resp: 300512

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

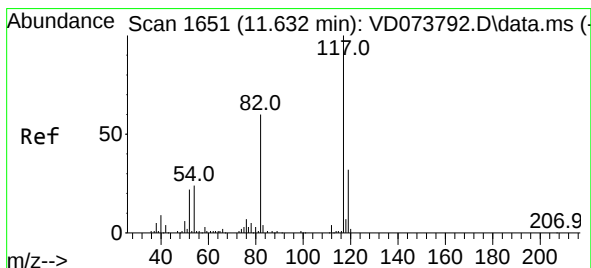
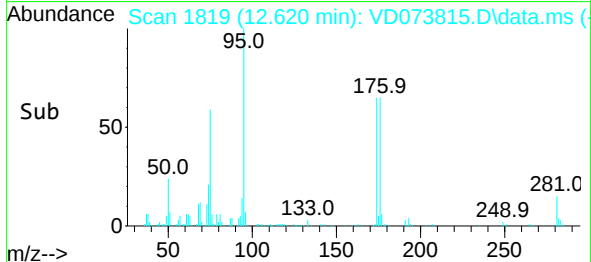
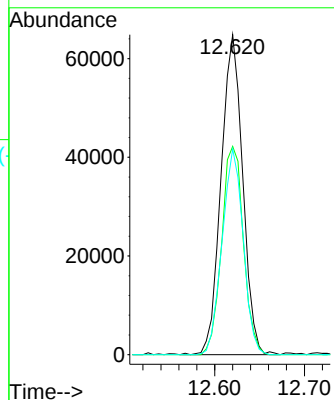
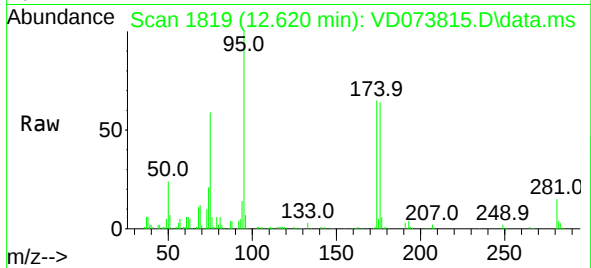




#62
4-Bromofluorobenzene
Concen: 54.432 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073815.D
Acq: 07 Jul 2022 18:28

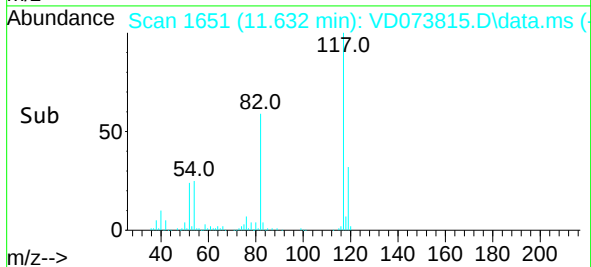
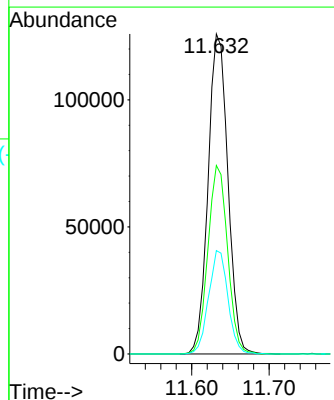
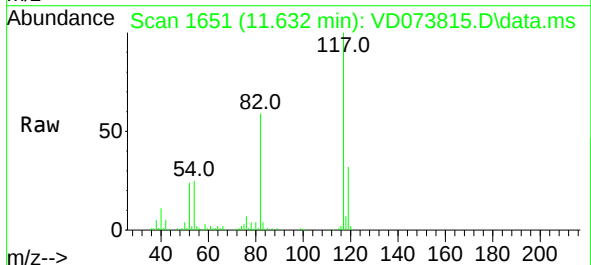
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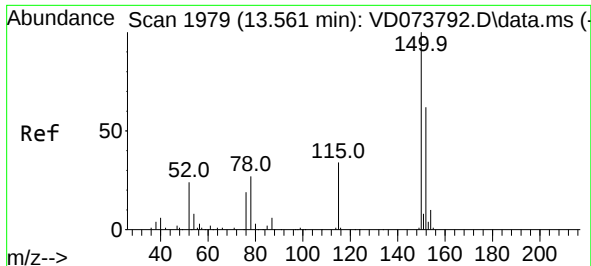
Tgt Ion: 95 Resp: 108374
Ion Ratio Lower Upper
95 100
174 65.5 0.0 132.4
176 62.6 0.0 129.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073815.D
Acq: 07 Jul 2022 18:28

Tgt Ion: 117 Resp: 223436
Ion Ratio Lower Upper
117 100
82 58.9 48.2 72.2
119 32.3 25.2 37.8

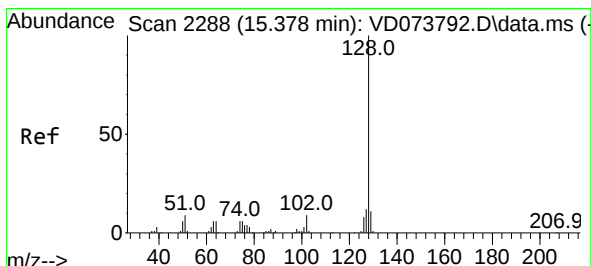
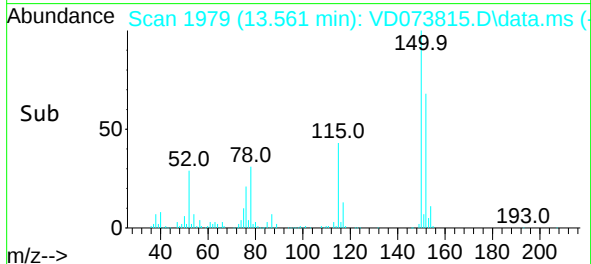
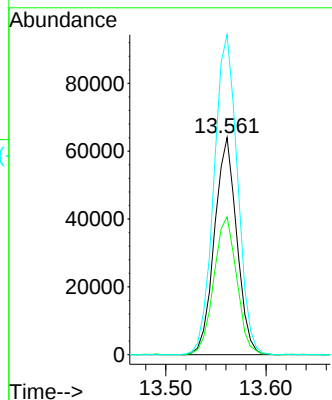
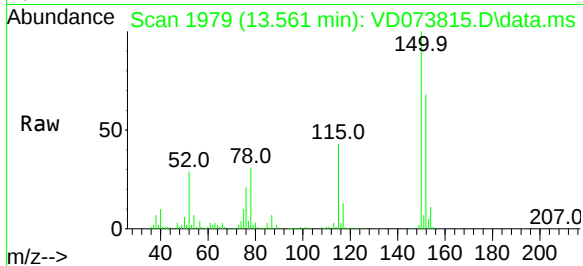




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073815.D
Acq: 07 Jul 2022 18:28

Instrument :
MSVOA_D
ClientSampleId :
20220484C-2C

Tgt Ion:152 Resp: 98879
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 155.6 0.0 353.0



#95
Naphthalene
Concen: 12.449 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073815.D
Acq: 07 Jul 2022 18:28

Tgt Ion:128 Resp: 47329
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.6 8.8 13.2

