

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073817.D
 Acq On : 07 Jul 2022 19:28
 Operator : VA/SY
 Sample : N3593-10
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220486A-4A

Quant Time: Jul 08 06:35:37 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)

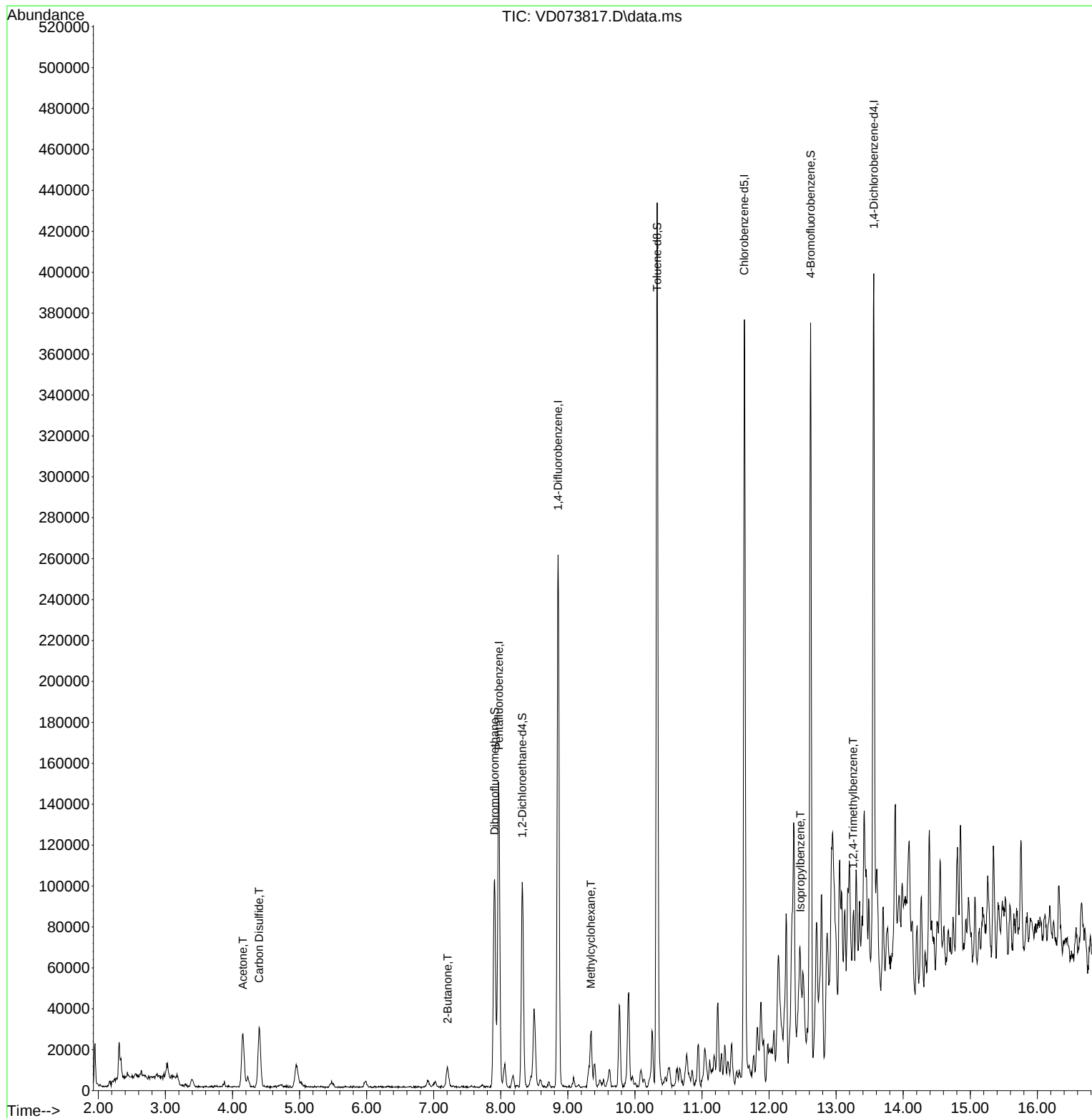
Internal Standards						
1) Pentafluorobenzene	7.973	168	94758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	212109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	194257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	84819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	78345	67.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.400%	
35) Dibromofluoromethane	7.908	113	72258	55.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.040%	
50) Toluene-d8	10.332	98	270008	61.242	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 122.480%#	
62) 4-Bromofluorobenzene	12.620	95	97416	53.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 107.500%#	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	47156	222.991	ug/l	95
17) Carbon Disulfide	4.397	76	58048	56.548	ug/l	97
25) 2-Butanone	7.208	43	14582	38.072	ug/l #	90
39) Methylcyclohexane	9.344	83	7133	4.149	ug/l #	90
73) Isopropylbenzene	12.467	105	9133	1.399	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	17651	3.268	ug/l	96

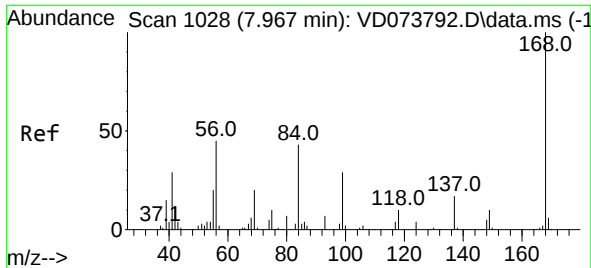
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073817.D
Acq On : 07 Jul 2022 19:28
Operator : VA/SY
Sample : N3593-10
Misc : 4.77G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20220486A-4A

Quant Time: Jul 08 06:35:37 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

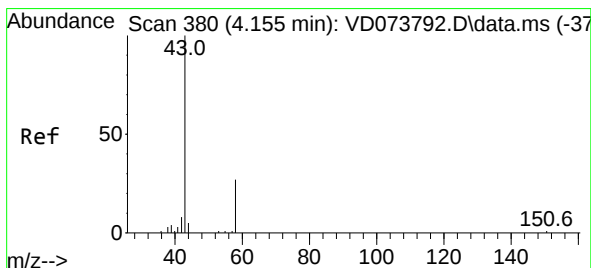
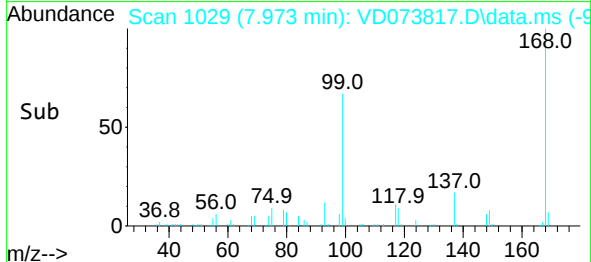
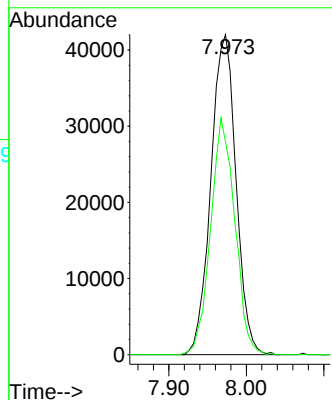
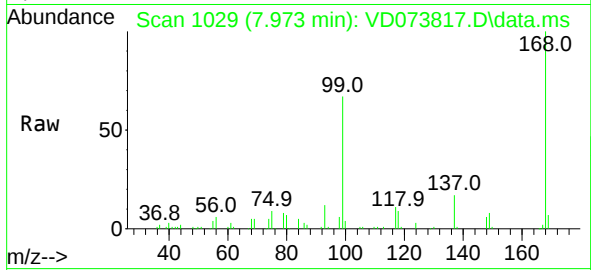




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073817.D
Acq: 07 Jul 2022 19:28

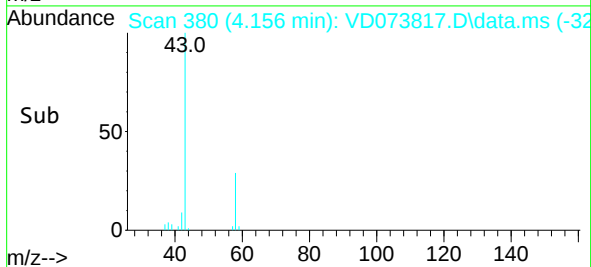
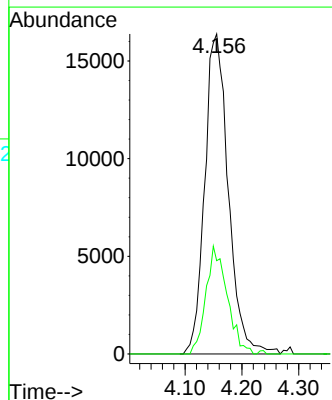
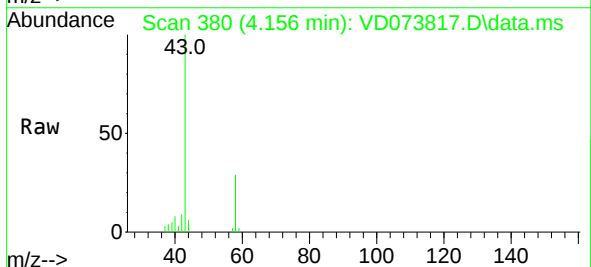
Instrument :
MSVOA_D
ClientSampleId :
20220486A-4A

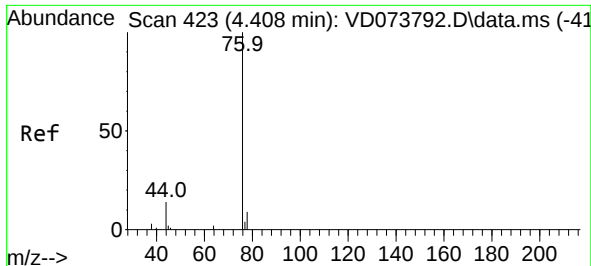
Tgt Ion:168 Resp: 94758
Ion Ratio Lower Upper
168 100
99 66.5 58.4 87.6



#16
Acetone
Concen: 222.991 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD073817.D
Acq: 07 Jul 2022 19:28

Tgt Ion: 43 Resp: 47156
Ion Ratio Lower Upper
43 100
58 29.1 21.3 31.9

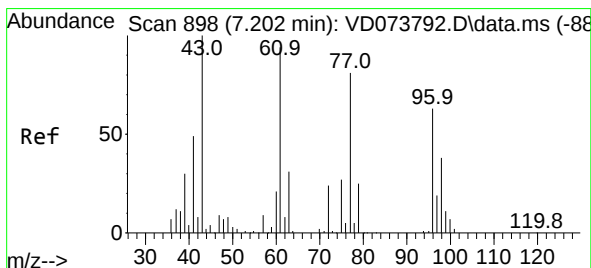
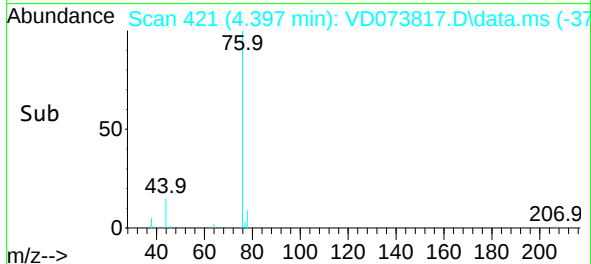
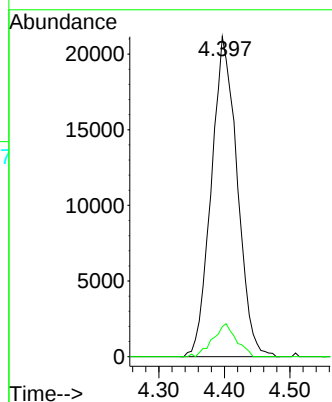
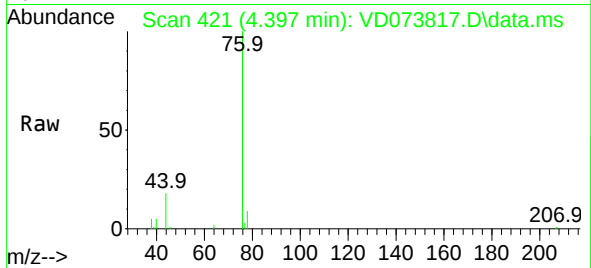




#17
Carbon Disulfide
Concen: 56.548 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD073817.D
Acq: 07 Jul 2022 19:28

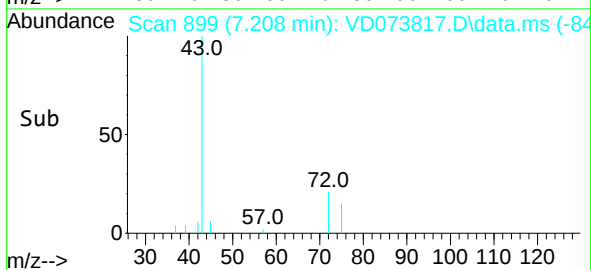
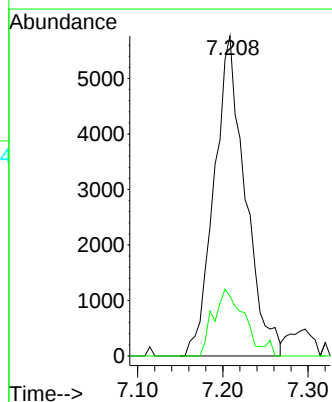
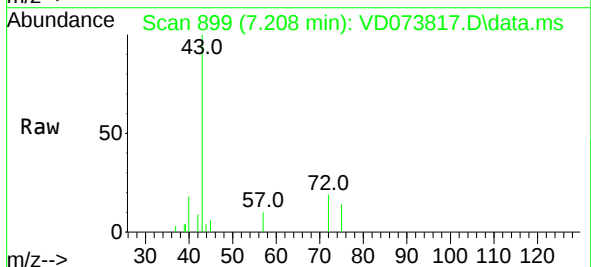
Instrument :
MSVOA_D
ClientSampleId :
20220486A-4A

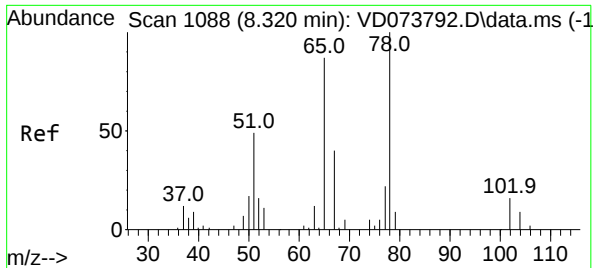
Tgt Ion: 76 Resp: 58048
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#25
2-Butanone
Concen: 38.072 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073817.D
Acq: 07 Jul 2022 19:28

Tgt Ion: 43 Resp: 14582
Ion Ratio Lower Upper
43 100
72 18.7 18.8 28.2#





#33

1,2-Dichloroethane-d4

Concen: 67.197 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073817.D

Acq: 07 Jul 2022 19:28

Instrument :

MSVOA_D

ClientSampleId :

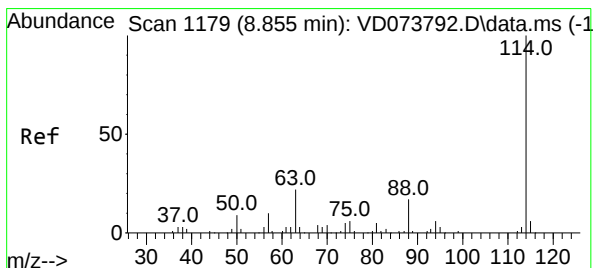
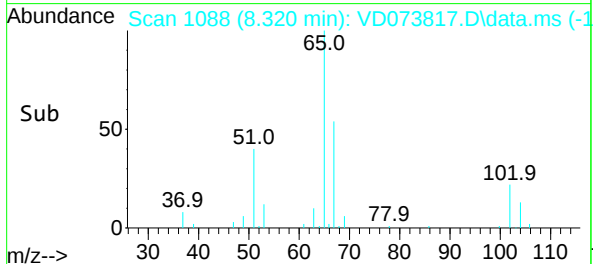
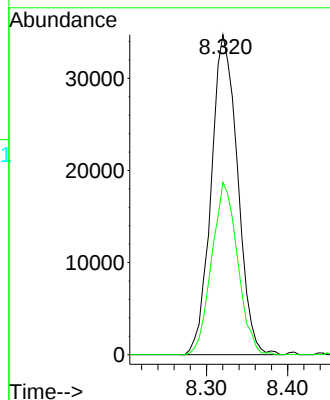
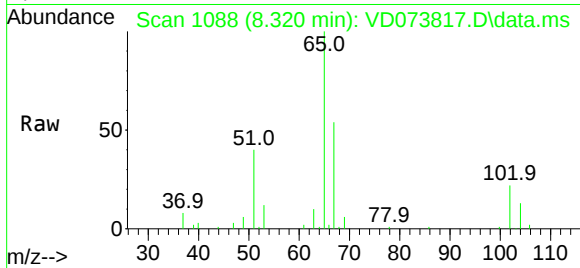
20220486A-4A

Tgt Ion: 65 Resp: 78345

Ion Ratio Lower Upper

65 100

67 52.9 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: VD073817.D

Acq: 07 Jul 2022 19:28

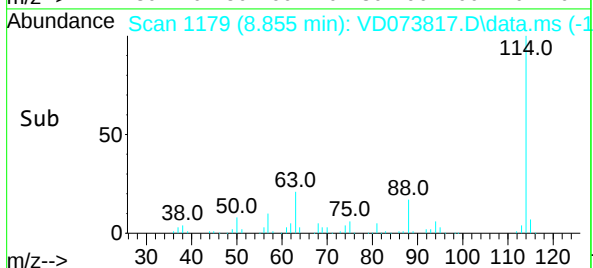
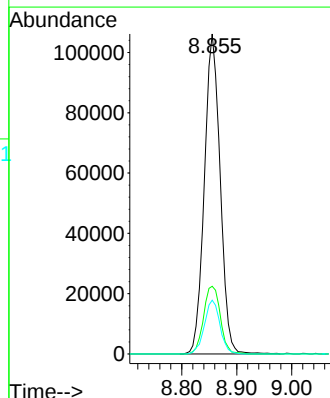
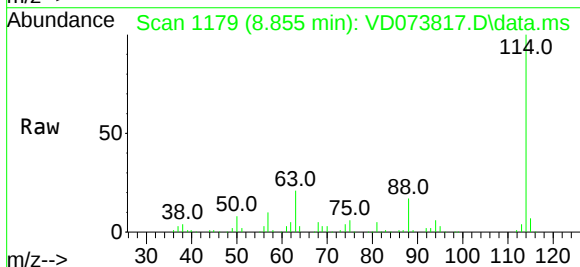
Tgt Ion:114 Resp: 212109

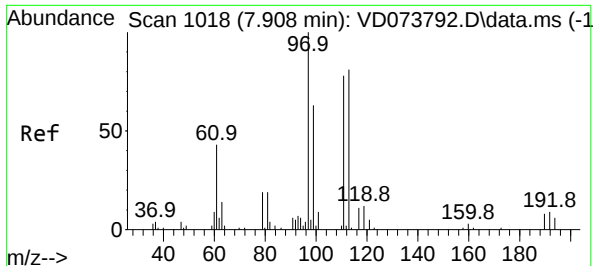
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.2

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.520 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073817.D

Acq: 07 Jul 2022 19:28

Instrument :

MSVOA_D

ClientSampleId :

20220486A-4A

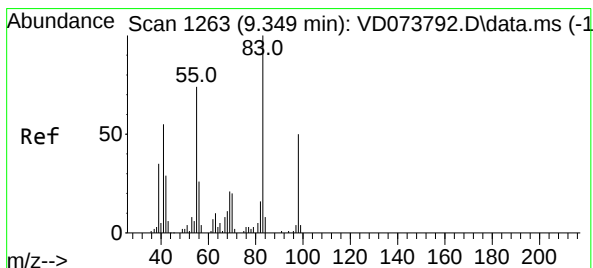
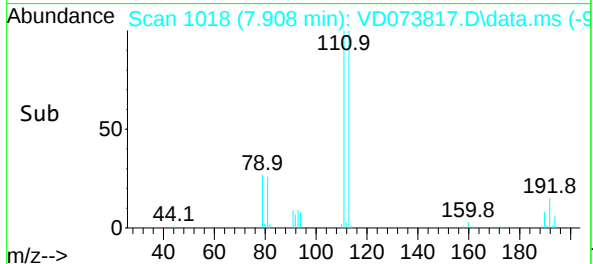
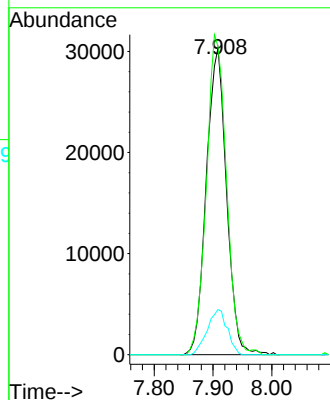
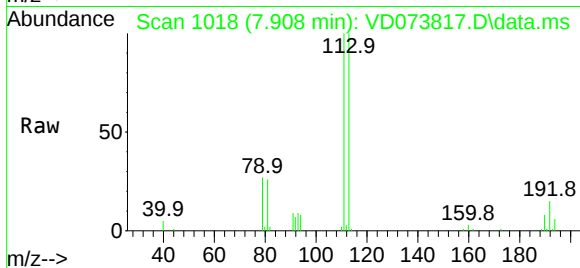
Tgt Ion:113 Resp: 72258

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

192 14.6 11.7 17.5



#39

Methylcyclohexane

Concen: 4.149 ug/l

RT: 9.344 min Scan# 1262

Delta R.T. -0.006 min

Lab File: VD073817.D

Acq: 07 Jul 2022 19:28

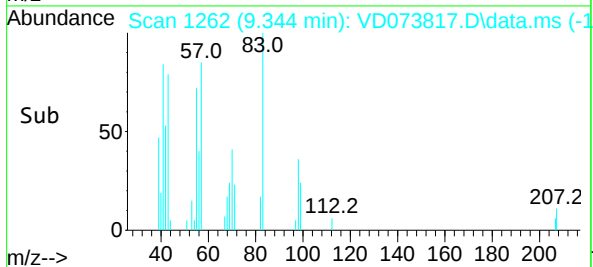
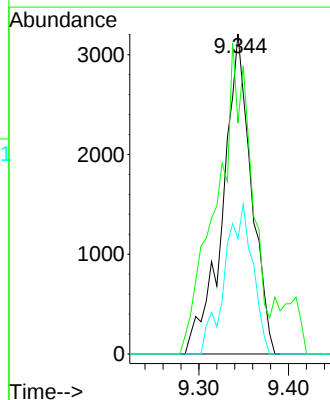
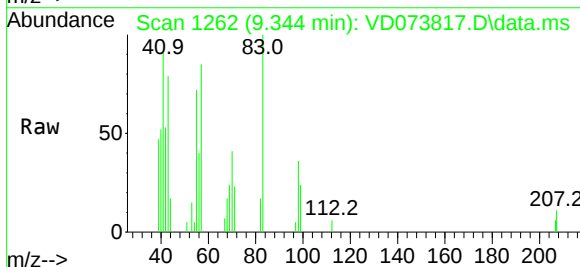
Tgt Ion: 83 Resp: 7133

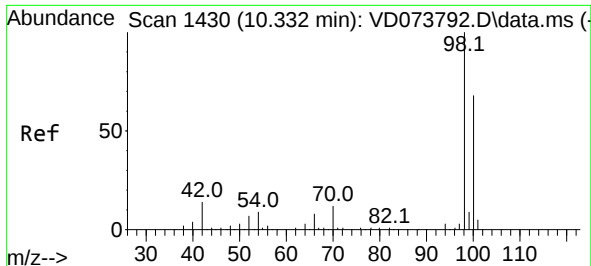
Ion Ratio Lower Upper

83 100

55 72.1 59.3 88.9

98 36.0 40.4 60.6#

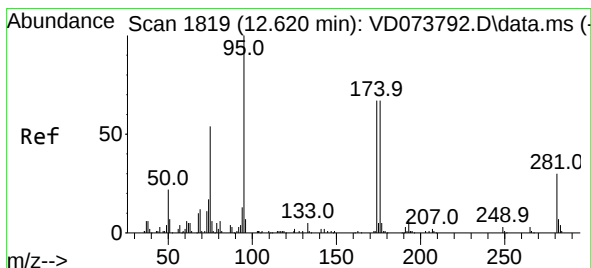
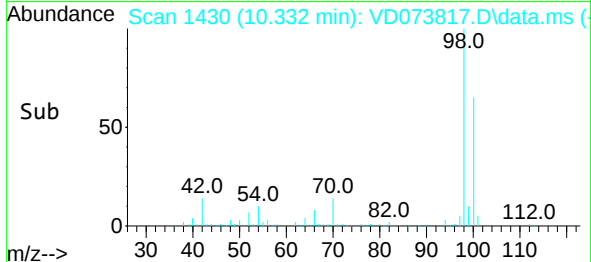
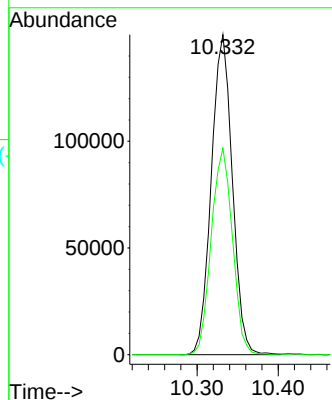
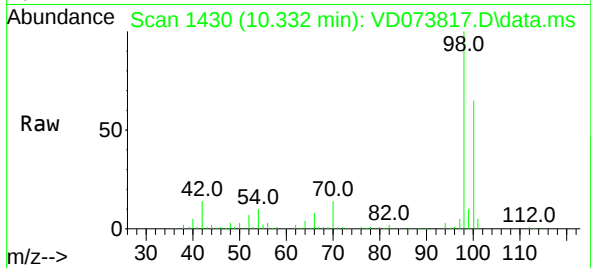




#50
Toluene-d8
Concen: 61.242 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073817.D
Acq: 07 Jul 2022 19:28

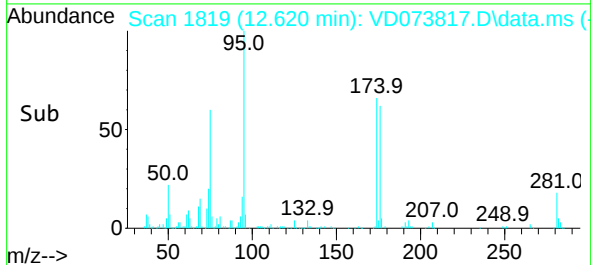
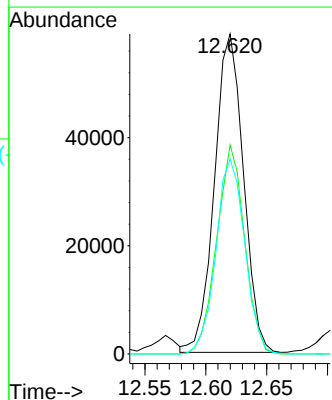
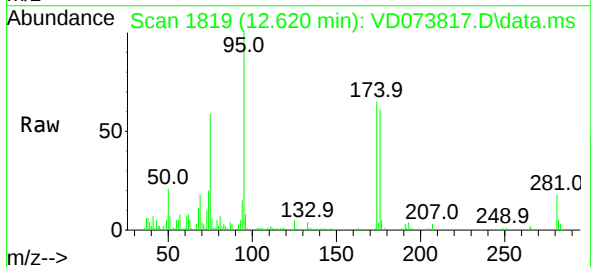
Instrument :
MSVOA_D
ClientSampleId :
20220486A-4A

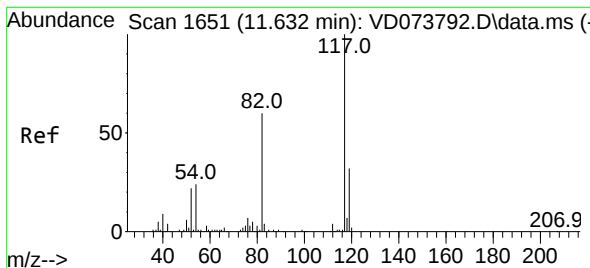
Tgt Ion: 98 Resp: 270008
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.754 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073817.D
Acq: 07 Jul 2022 19:28

Tgt Ion: 95 Resp: 97416
Ion Ratio Lower Upper
95 100
174 63.2 0.0 132.4
176 61.1 0.0 129.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073817.D

Acq: 07 Jul 2022 19:28

Instrument :

MSVOA_D

ClientSampleId :

20220486A-4A

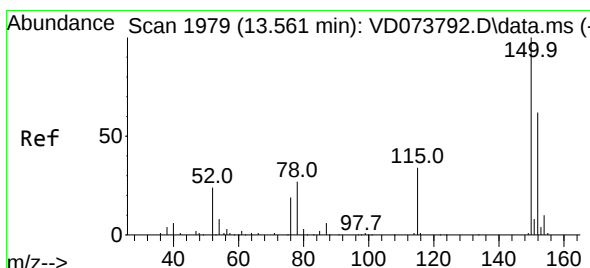
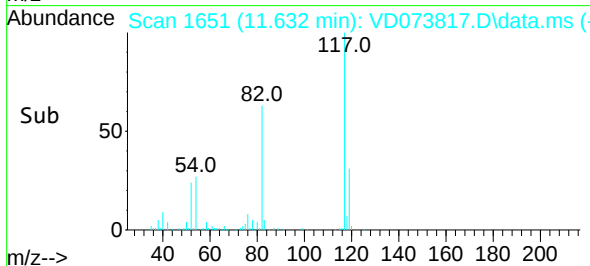
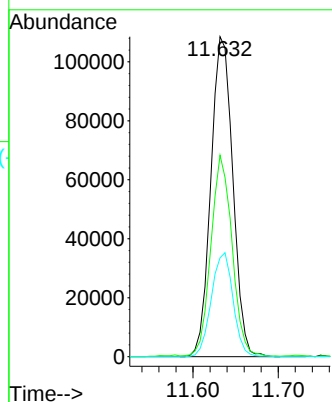
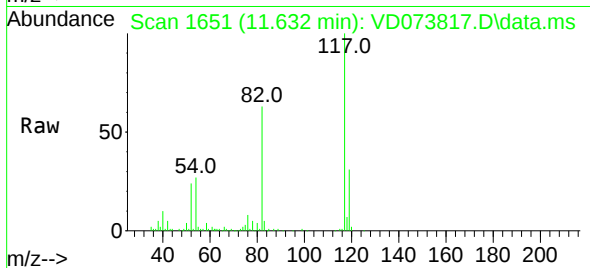
Tgt Ion:117 Resp: 194257

Ion Ratio Lower Upper

117 100

82 62.8 48.2 72.2

119 30.9 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: VD073817.D

Acq: 07 Jul 2022 19:28

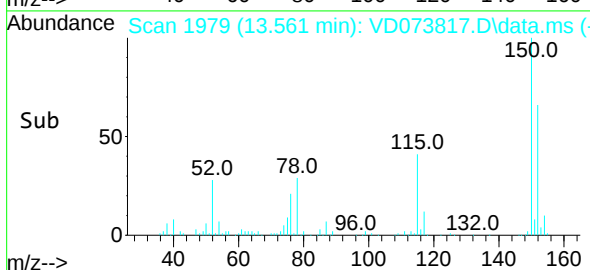
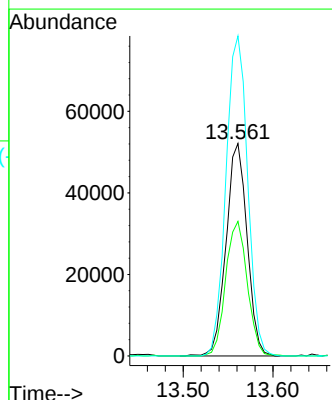
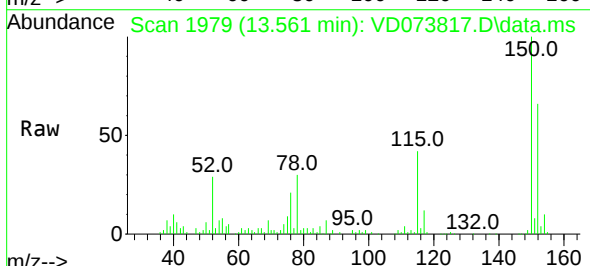
Tgt Ion:152 Resp: 84819

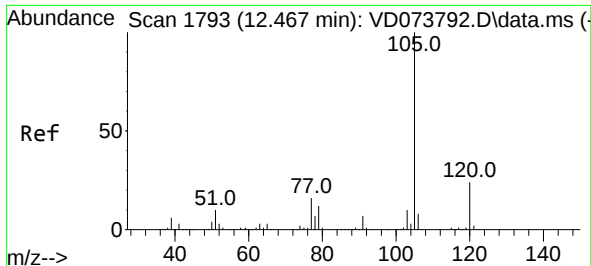
Ion Ratio Lower Upper

152 100

115 65.0 32.2 96.6

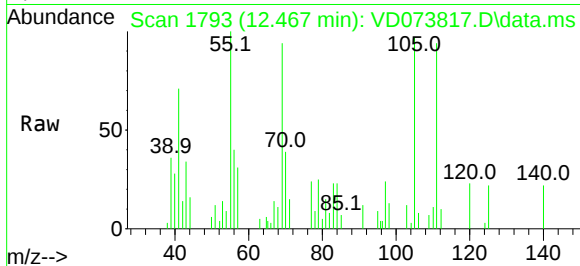
150 155.1 0.0 353.0



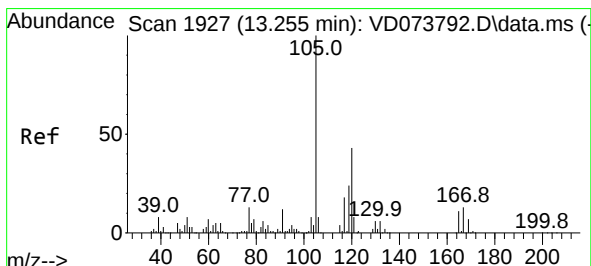
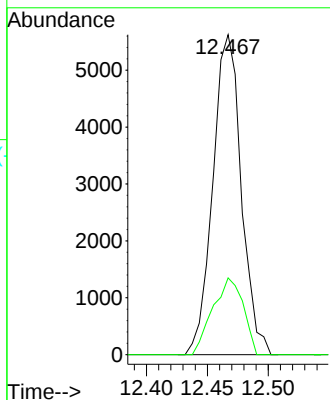
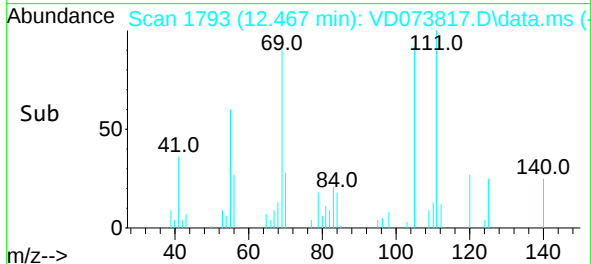


#73
Isopropylbenzene
Concen: 1.399 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073817.D
Acq: 07 Jul 2022 19:28

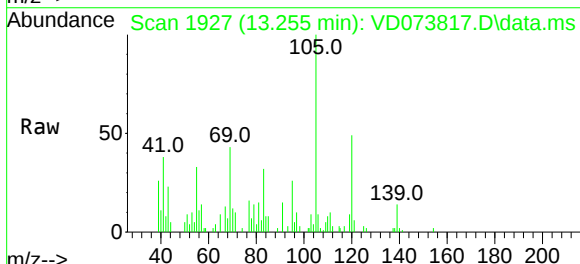
Instrument :
MSVOA_D
ClientSampleId :
20220486A-4A



Tgt Ion:105 Resp: 9133
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 3.268 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073817.D
Acq: 07 Jul 2022 19:28



Tgt Ion:105 Resp: 17651
Ion Ratio Lower Upper
105 100
120 46.8 22.1 66.5

