

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073813.D
 Acq On : 07 Jul 2022 17:28
 Operator : VA/SY
 Sample : N3593-04
 Misc : 8.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220484A-2A

Quant Time: Jul 08 06:34:08 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)

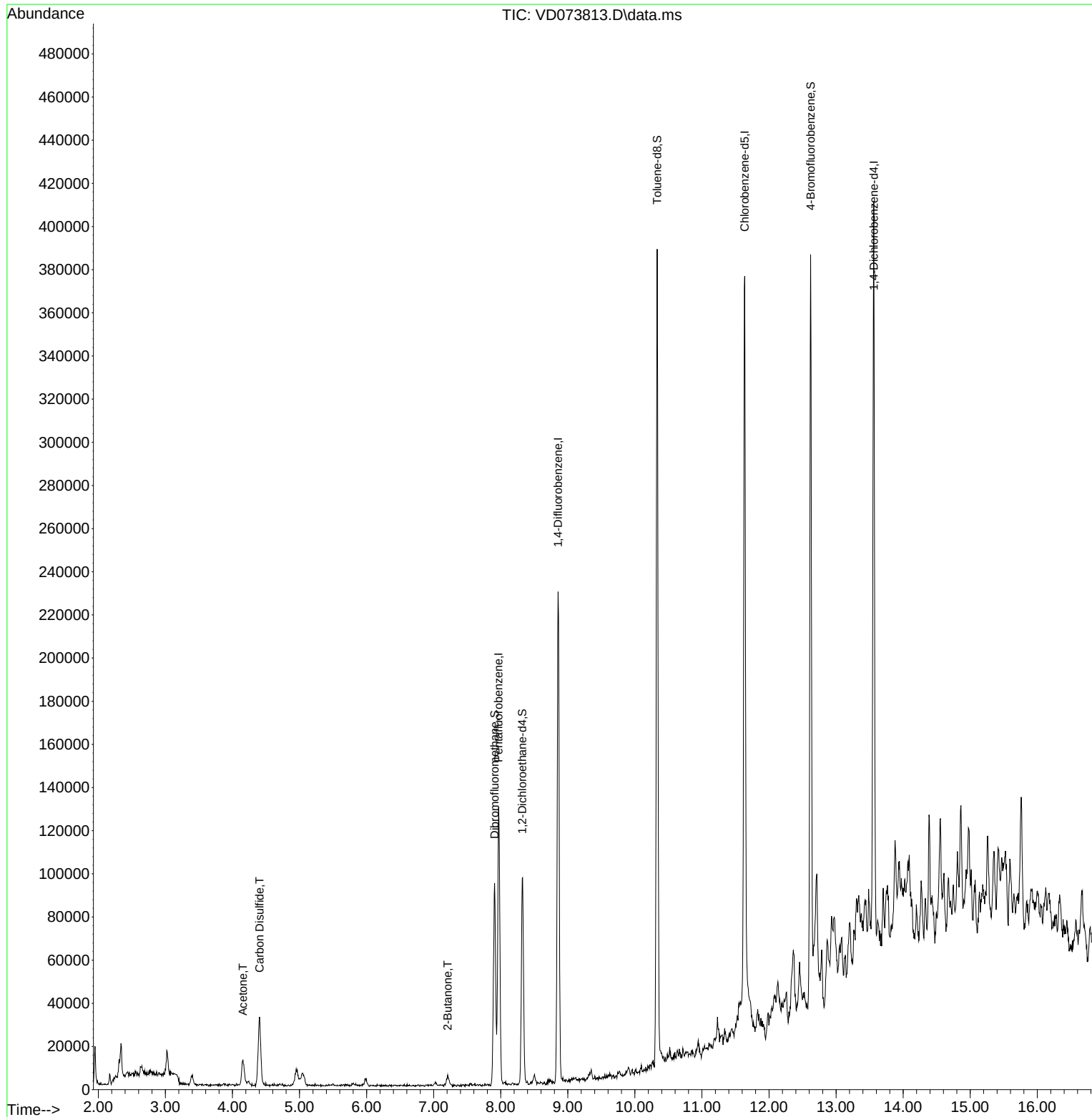
Internal Standards						
1) Pentafluorobenzene	7.967	168	82004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	188821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	182047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	79083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	74927	74.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.520%	
35) Dibromofluoromethane	7.908	113	64560	55.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.440%	
50) Toluene-d8	10.332	98	240080	61.170	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 122.340%#	
62) 4-Bromofluorobenzene	12.620	95	91416	56.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 113.320%#	
Target Compounds						Qvalue
16) Acetone	4.156	43	21069	103.428	ug/l	91
17) Carbon Disulfide	4.403	76	63484	73.294	ug/l #	95
25) 2-Butanone	7.208	43	7585	22.884	ug/l #	79

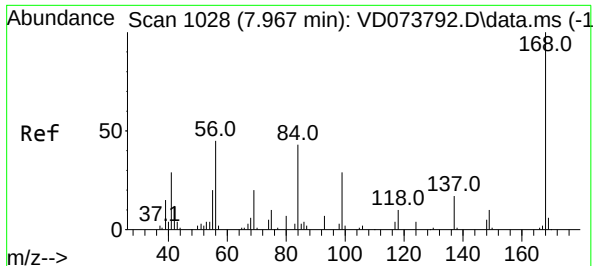
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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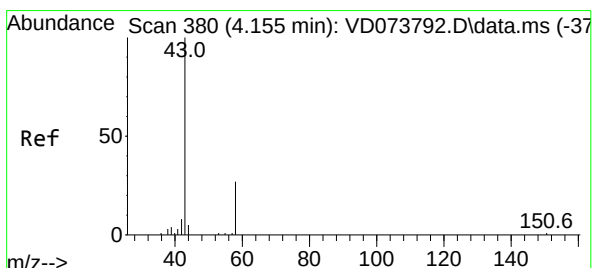
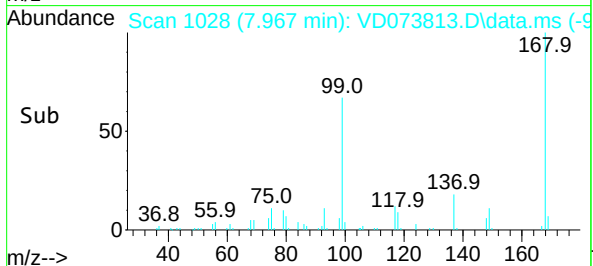
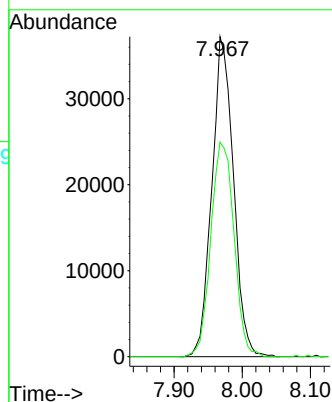
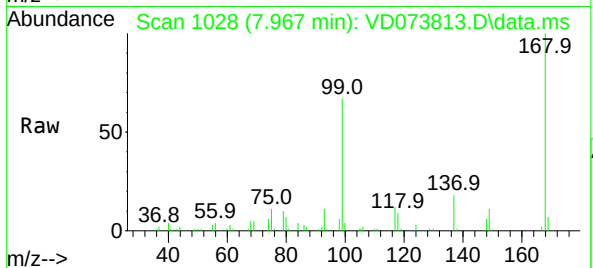




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073813.D
Acq: 07 Jul 2022 17:28

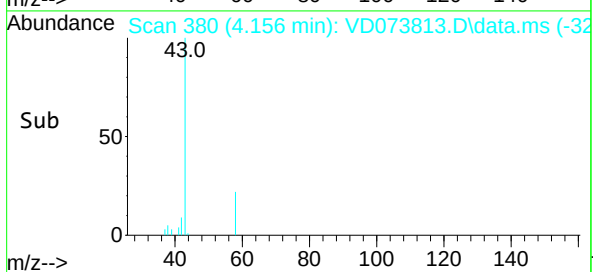
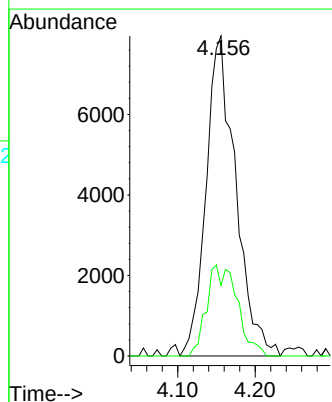
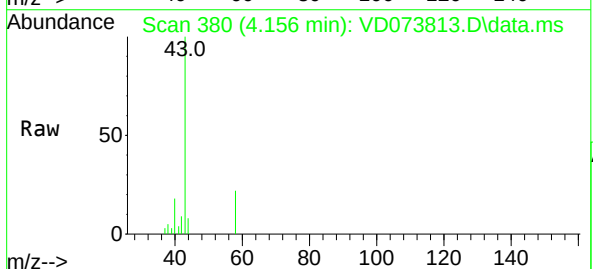
Instrument :
MSVOA_D
ClientSampleId :
20220484A-2A

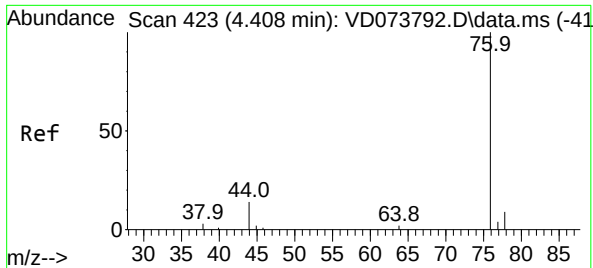
Tgt Ion:168 Resp: 82004
Ion Ratio Lower Upper
168 100
99 67.0 58.4 87.6



#16
Acetone
Concen: 103.428 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD073813.D
Acq: 07 Jul 2022 17:28

Tgt Ion: 43 Resp: 21069
Ion Ratio Lower Upper
43 100
58 22.0 21.3 31.9

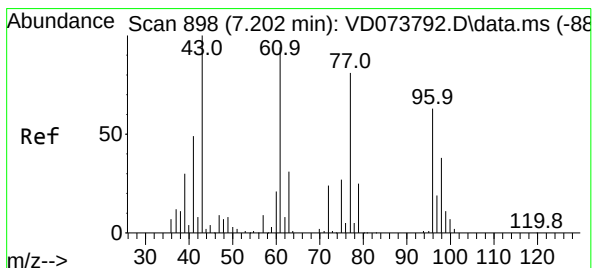
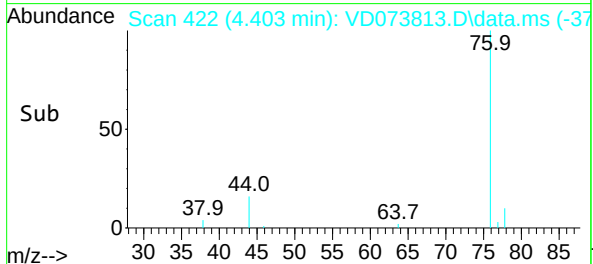
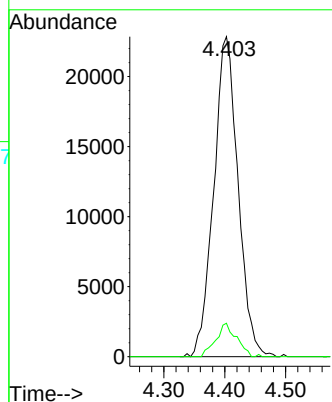
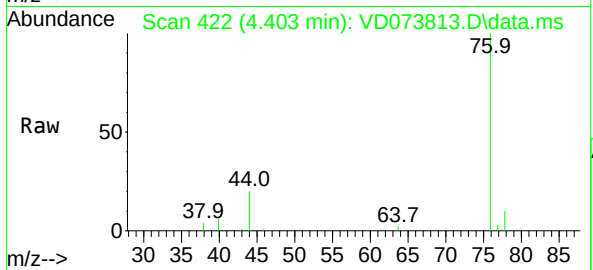




#17
Carbon Disulfide
Concen: 73.294 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD073813.D
Acq: 07 Jul 2022 17:28

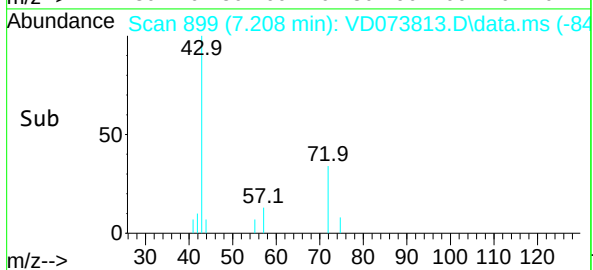
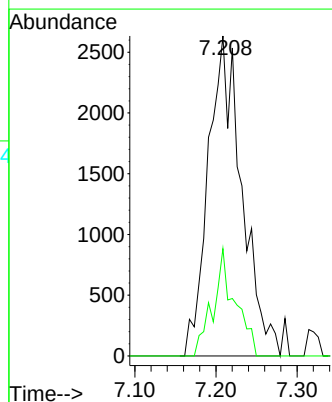
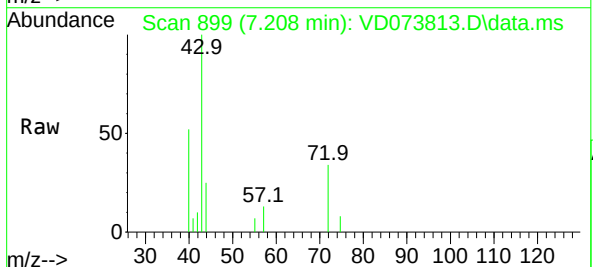
Instrument :
MSVOA_D
ClientSampleId :
20220484A-2A

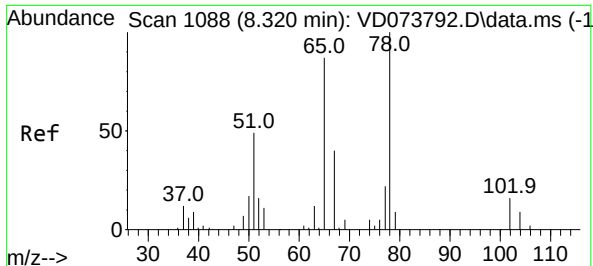
Tgt Ion: 76 Resp: 63484
Ion Ratio Lower Upper
76 100
78 10.5 6.8 10.2#



#25
2-Butanone
Concen: 22.884 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073813.D
Acq: 07 Jul 2022 17:28

Tgt Ion: 43 Resp: 7585
Ion Ratio Lower Upper
43 100
72 33.6 18.8 28.2#





#33

1,2-Dichloroethane-d4

Concen: 74.261 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073813.D

Acq: 07 Jul 2022 17:28

Instrument :

MSVOA_D

ClientSampleId :

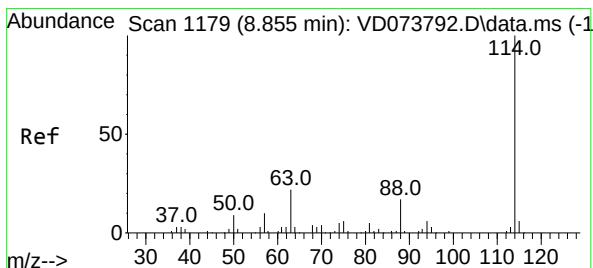
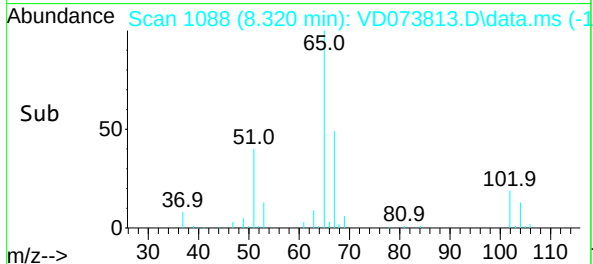
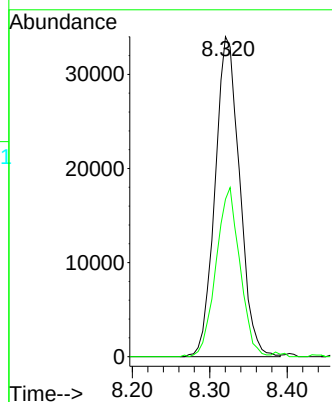
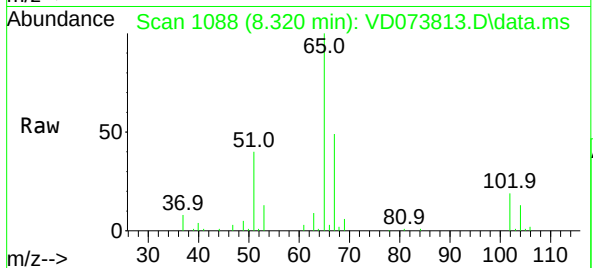
20220484A-2A

Tgt Ion: 65 Resp: 74927

Ion Ratio Lower Upper

65 100

67 51.4 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: VD073813.D

Acq: 07 Jul 2022 17:28

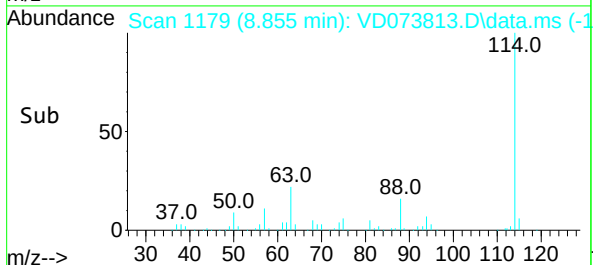
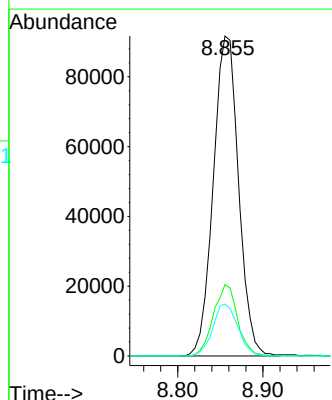
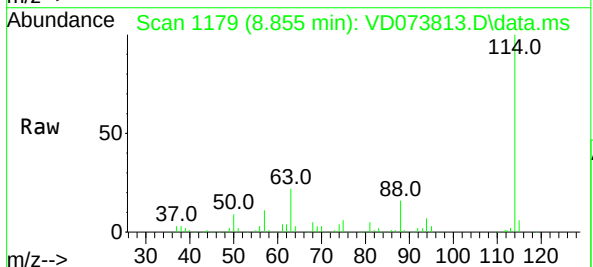
Tgt Ion: 114 Resp: 188821

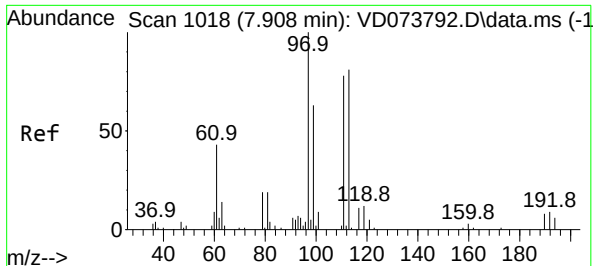
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

88 16.2 0.0 33.6

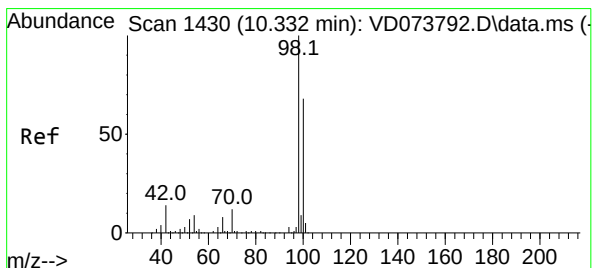
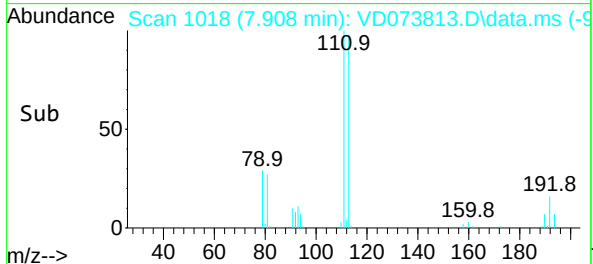
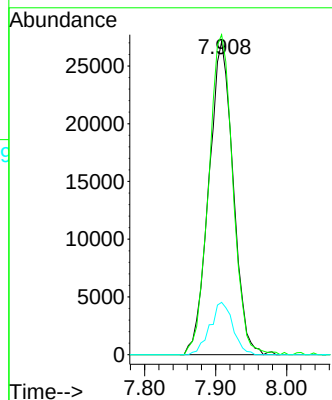
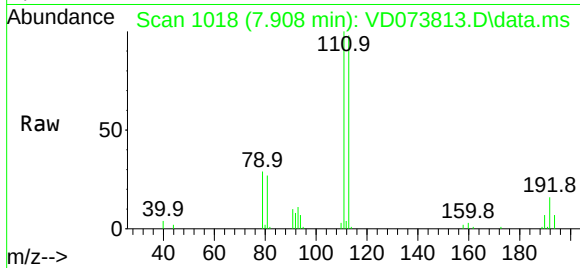




#35
Dibromofluoromethane
Concen: 55.724 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073813.D
Acq: 07 Jul 2022 17:28

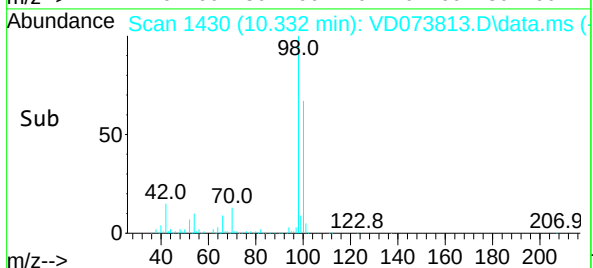
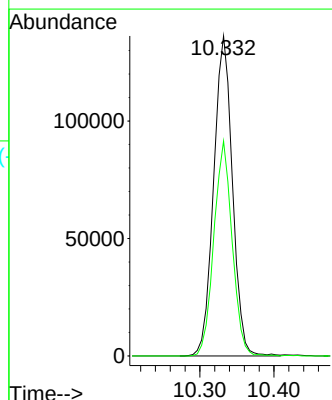
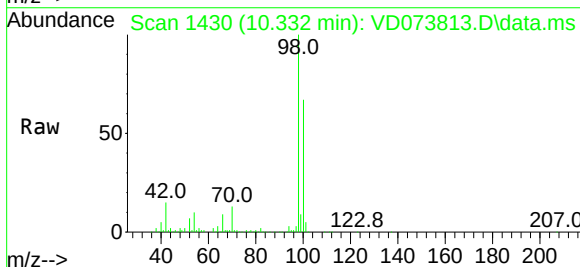
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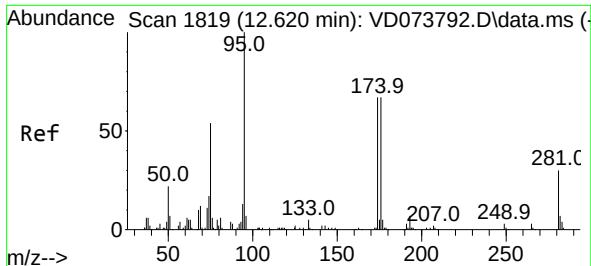
Tgt Ion:113 Resp: 64560
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 15.7 11.7 17.5



#50
Toluene-d8
Concen: 61.170 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073813.D
Acq: 07 Jul 2022 17:28

Tgt Ion: 98 Resp: 240080
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

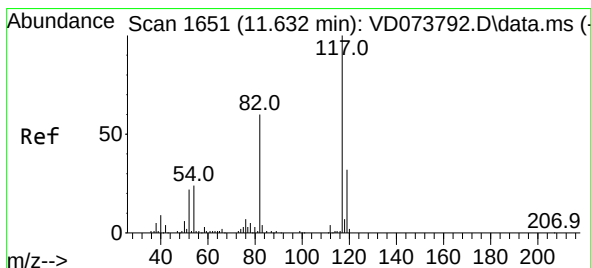
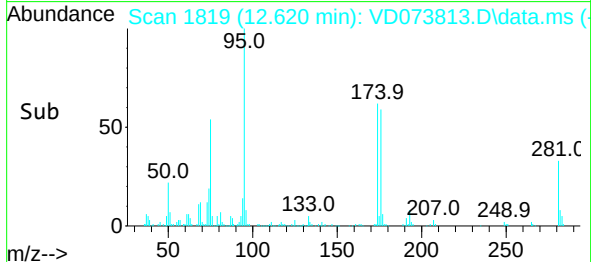
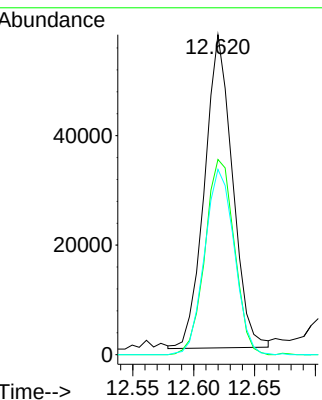
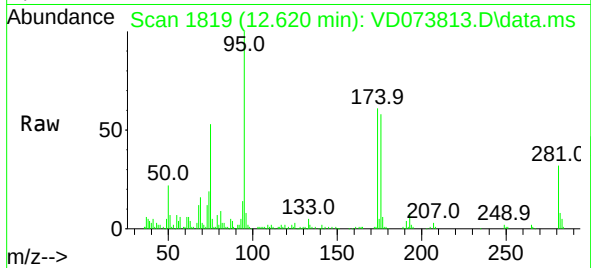




#62
4-Bromofluorobenzene
Concen: 56.665 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073813.D
Acq: 07 Jul 2022 17:28

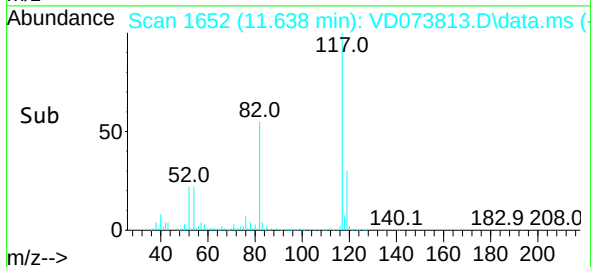
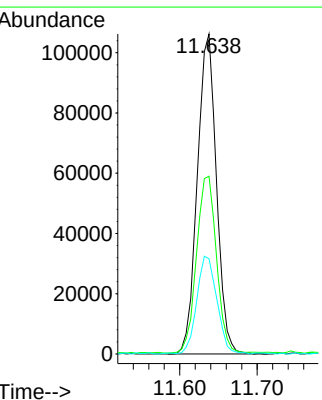
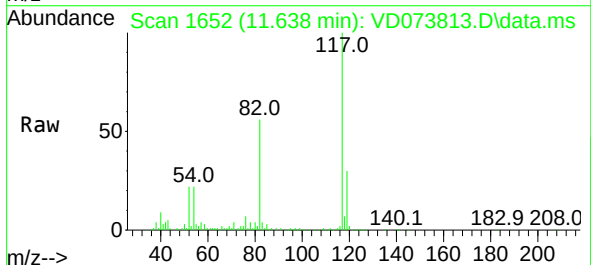
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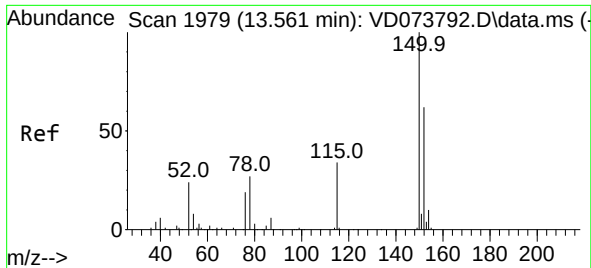
Tgt Ion: 95 Resp: 91416
Ion Ratio Lower Upper
95 100
174 65.2 0.0 132.4
176 62.7 0.0 129.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073813.D
Acq: 07 Jul 2022 17:28

Tgt Ion: 117 Resp: 182047
Ion Ratio Lower Upper
117 100
82 55.3 48.2 72.2
119 29.6 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: VD073813.D

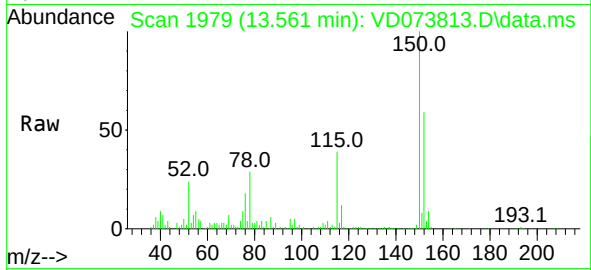
Acq: 07 Jul 2022 17:28

Instrument :

MSVOA_D

ClientSampleId :

20220484A-2A



Tgt Ion:152 Resp: 79083

Ion Ratio Lower Upper

152 100

115 64.9 32.2 96.6

150 159.2 0.0 353.0

