

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073812.D
 Acq On : 07 Jul 2022 16:58
 Operator : VA/SY
 Sample : N3593-03
 Misc : 4.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220483C-1C

Quant Time: Jul 08 06:33:44 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)

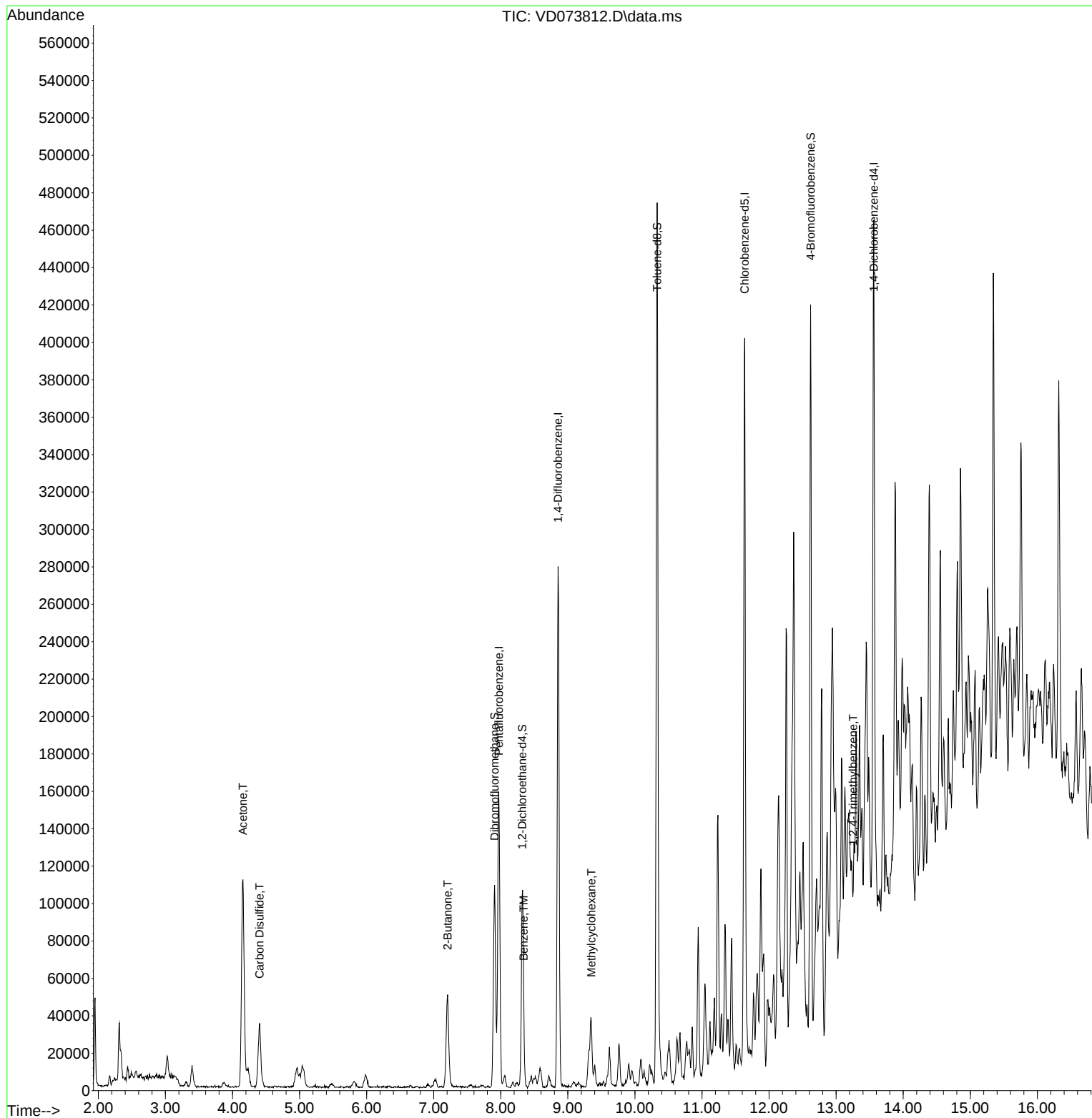
Internal Standards						
1) Pentafluorobenzene	7.973	168	99799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	224767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	204436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	89633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	80328	65.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.840%	
35) Dibromofluoromethane	7.908	113	74526	54.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.080%	
50) Toluene-d8	10.332	98	281335	60.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 120.440%#	
62) 4-Bromofluorobenzene	12.620	95	99286	51.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 103.400%#	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	200566	974.012	ug/l	96
17) Carbon Disulfide	4.403	76	66292	61.903	ug/l	98
25) 2-Butanone	7.208	43	73614	182.489	ug/l	93
39) Methylcyclohexane	9.349	83	14925	8.192	ug/l	91
40) Benzene	8.344	78	5841	1.120	ug/l #	88
84) 1,2,4-Trimethylbenzene	13.255	105	6640	1.163	ug/l	96

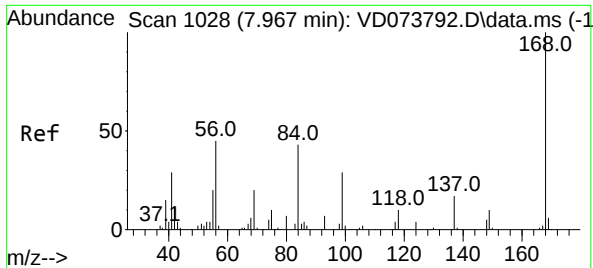
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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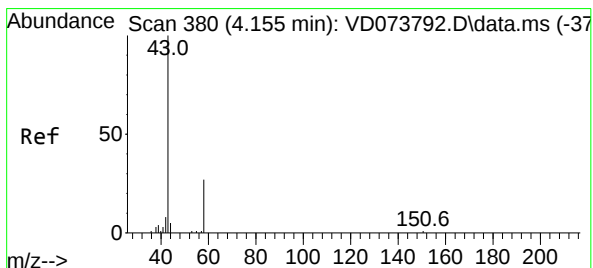
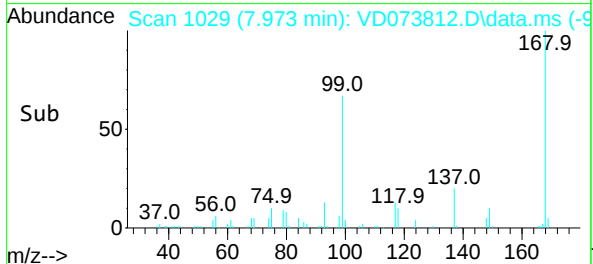
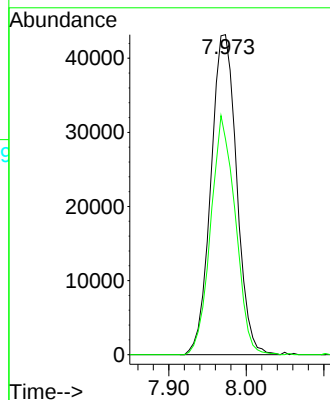
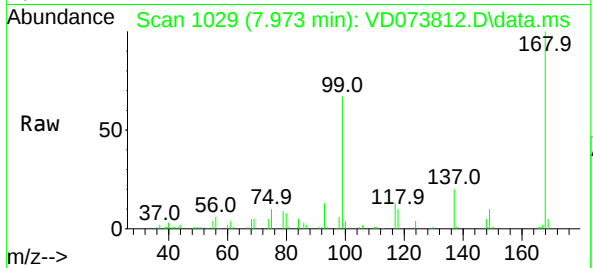




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073812.D
Acq: 07 Jul 2022 16:58

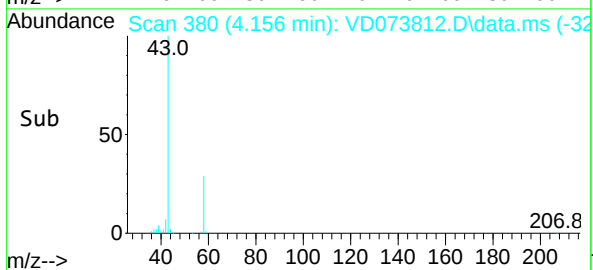
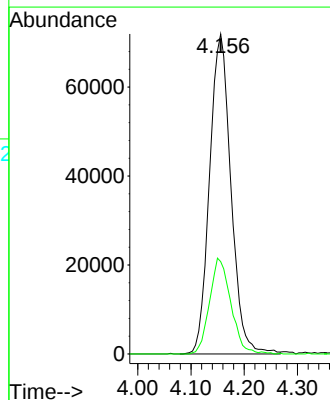
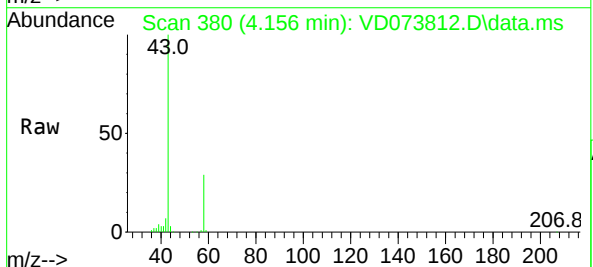
Instrument :
MSVOA_D
ClientSampleId :
20220483C-1C

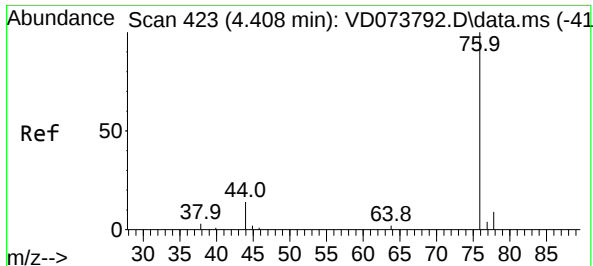
Tgt Ion:168 Resp: 99799
Ion Ratio Lower Upper
168 100
99 67.4 58.4 87.6



#16
Acetone
Concen: 974.012 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD073812.D
Acq: 07 Jul 2022 16:58

Tgt Ion: 43 Resp: 200566
Ion Ratio Lower Upper
43 100
58 28.8 21.3 31.9

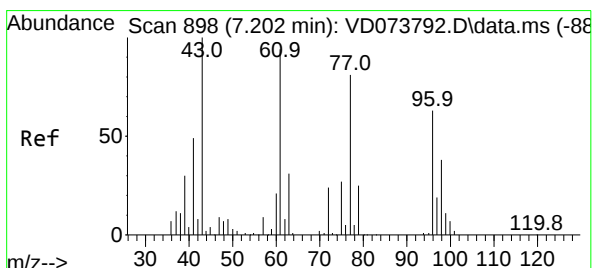
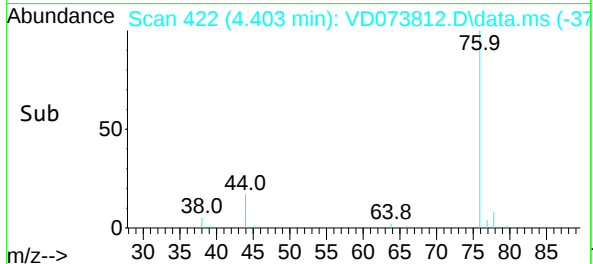
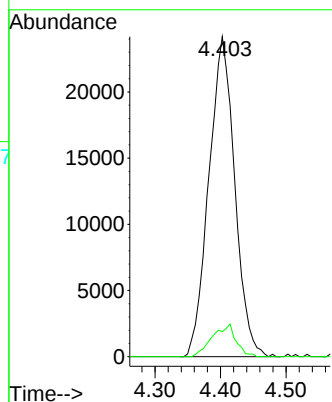
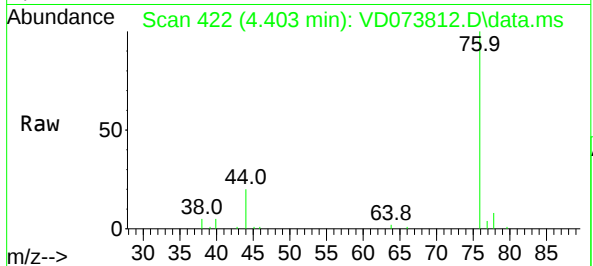




#17
Carbon Disulfide
Concen: 61.903 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD073812.D
Acq: 07 Jul 2022 16:58

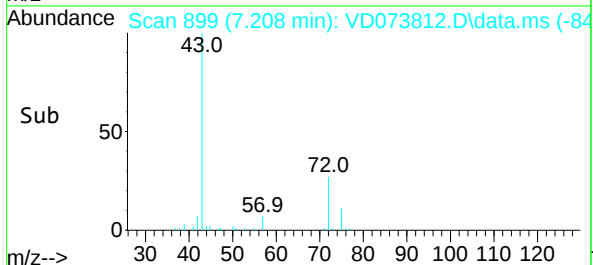
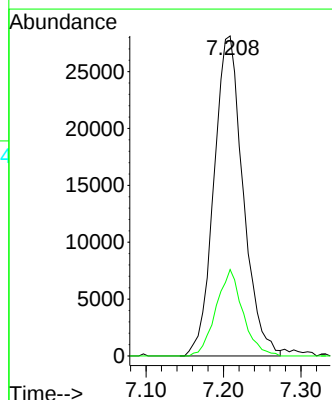
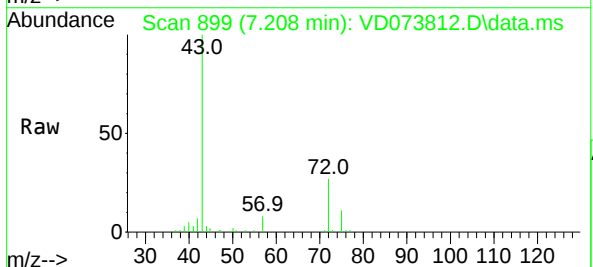
Instrument :
MSVOA_D
ClientSampleId :
20220483C-1C

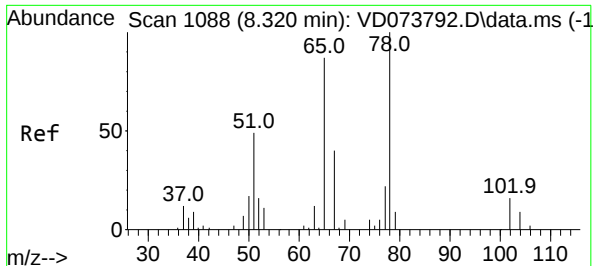
Tgt Ion: 76 Resp: 66292
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2



#25
2-Butanone
Concen: 182.489 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073812.D
Acq: 07 Jul 2022 16:58

Tgt Ion: 43 Resp: 73614
Ion Ratio Lower Upper
43 100
72 27.0 18.8 28.2





#33

1,2-Dichloroethane-d4

Concen: 65.418 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073812.D

Acq: 07 Jul 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

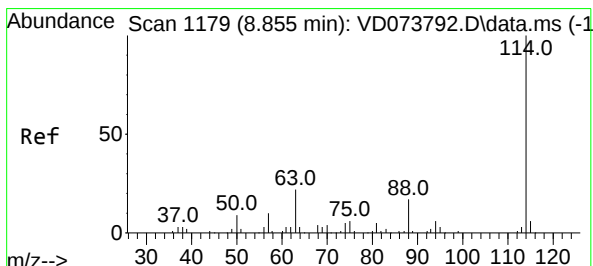
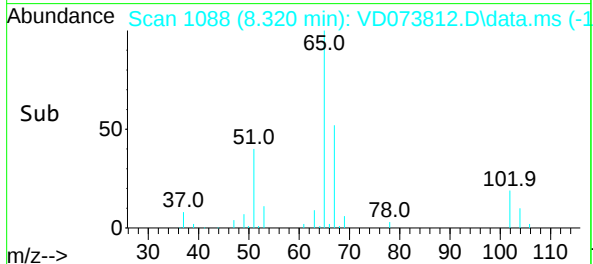
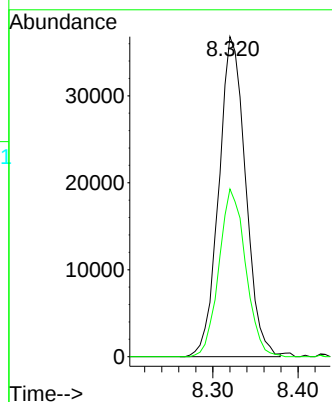
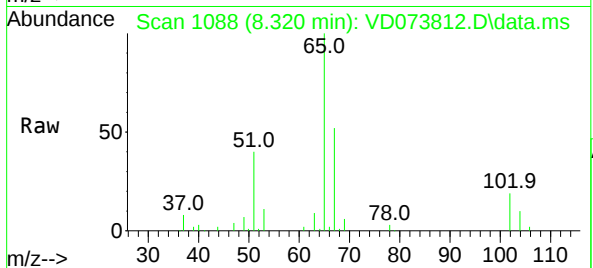
20220483C-1C

Tgt Ion: 65 Resp: 80328

Ion Ratio Lower Upper

65 100

67 52.2 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: VD073812.D

Acq: 07 Jul 2022 16:58

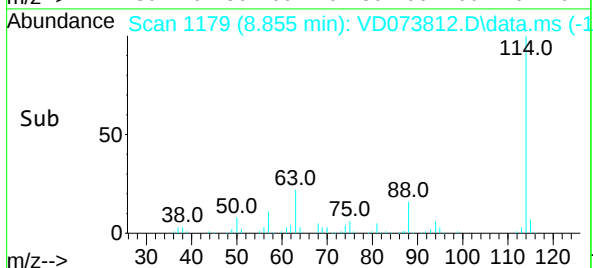
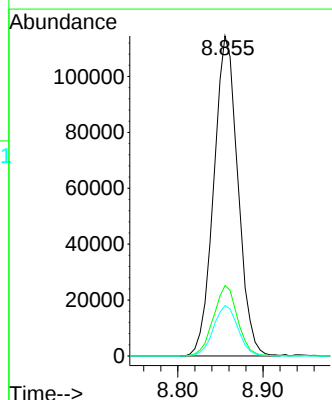
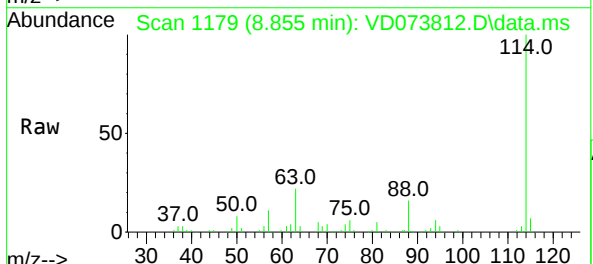
Tgt Ion: 114 Resp: 224767

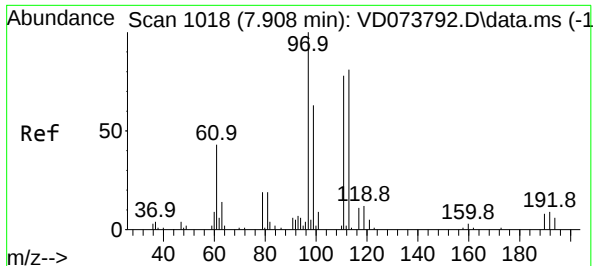
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

88 15.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 54.038 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073812.D

Acq: 07 Jul 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

20220483C-1C

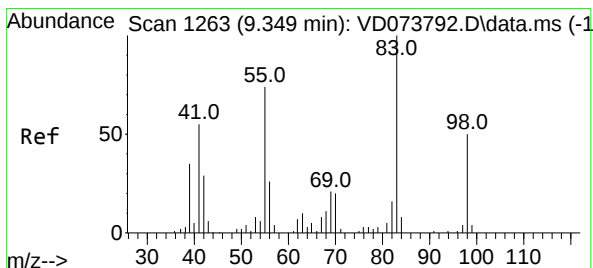
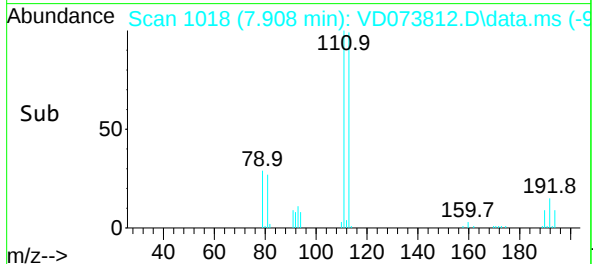
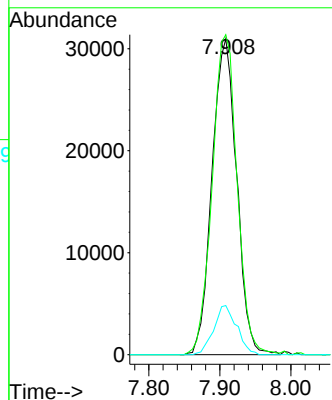
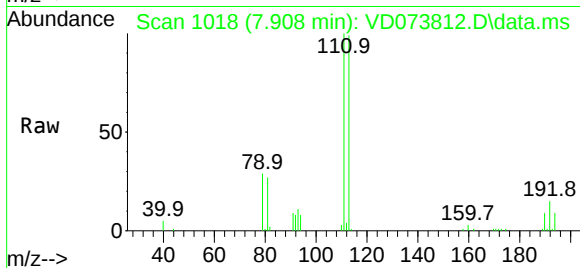
Tgt Ion:113 Resp: 74526

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

192 14.5 11.7 17.5



#39

Methylcyclohexane

Concen: 8.192 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD073812.D

Acq: 07 Jul 2022 16:58

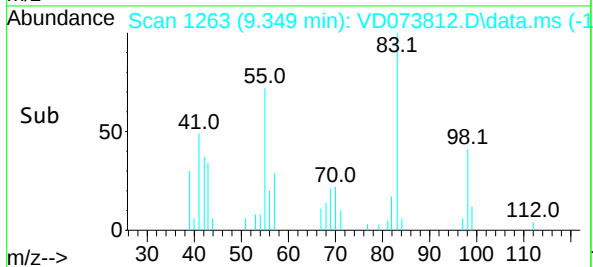
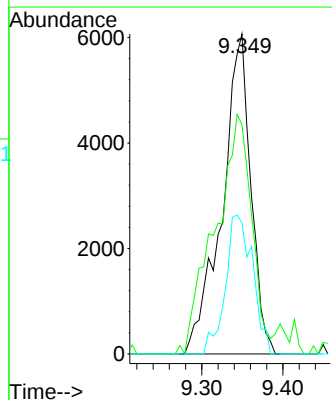
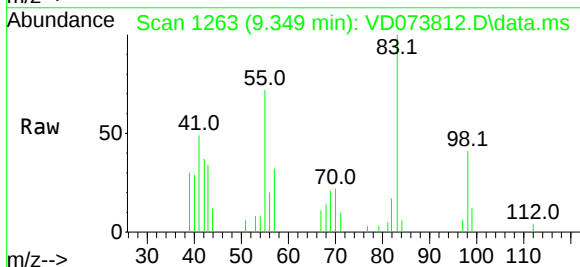
Tgt Ion: 83 Resp: 14925

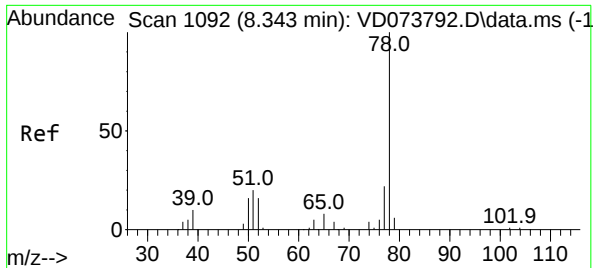
Ion Ratio Lower Upper

83 100

55 69.1 59.3 88.9

98 40.9 40.4 60.6

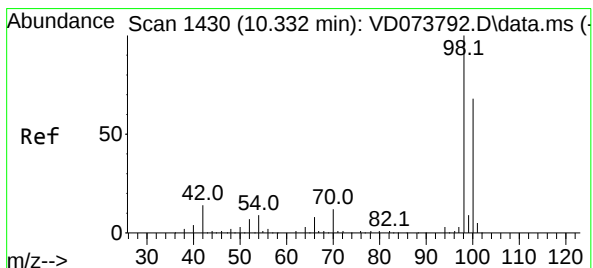
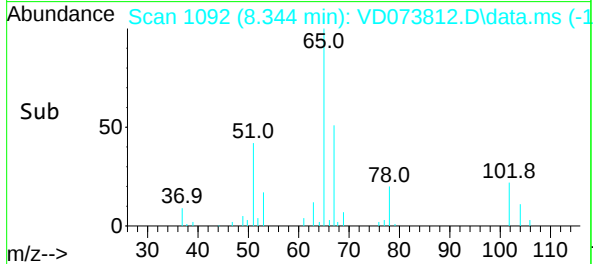
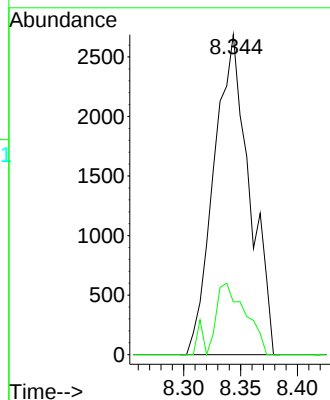
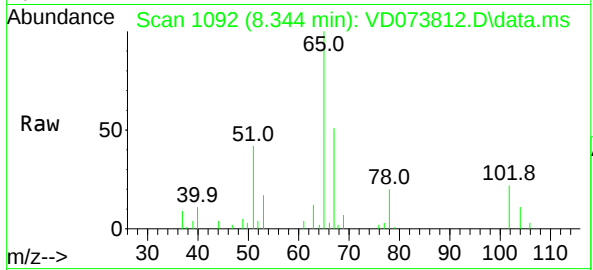




#40
Benzene
Concen: 1.120 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD073812.D
Acq: 07 Jul 2022 16:58

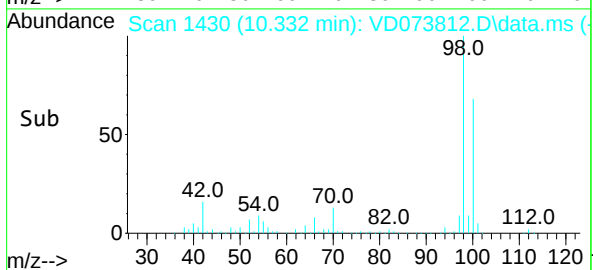
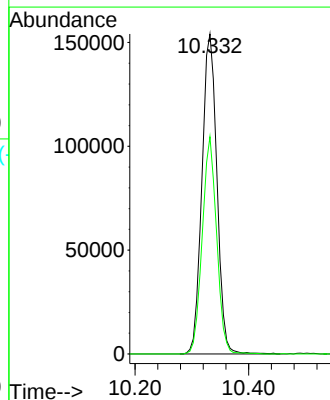
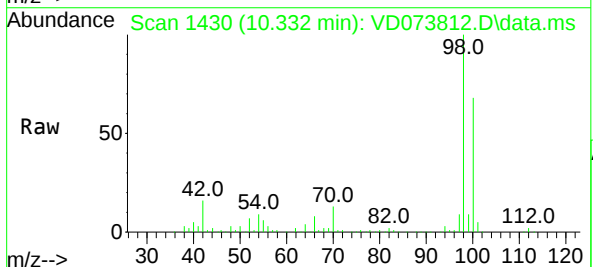
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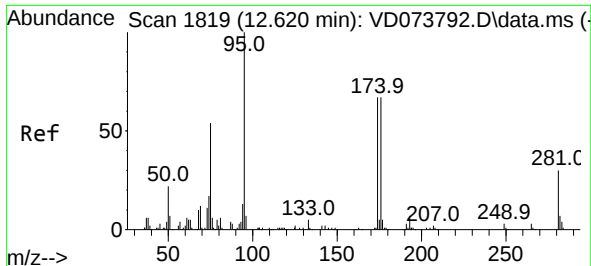
Tgt Ion: 78 Resp: 5841
Ion Ratio Lower Upper
78 100
77 16.5 17.8 26.6#



#50
Toluene-d8
Concen: 60.217 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073812.D
Acq: 07 Jul 2022 16:58

Tgt Ion: 98 Resp: 281335
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

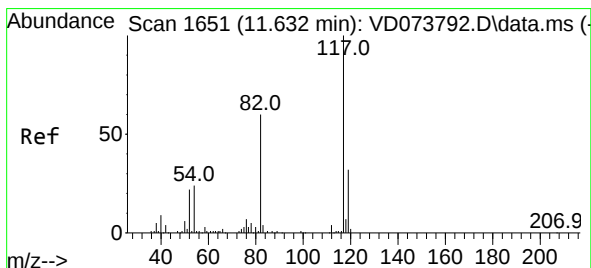
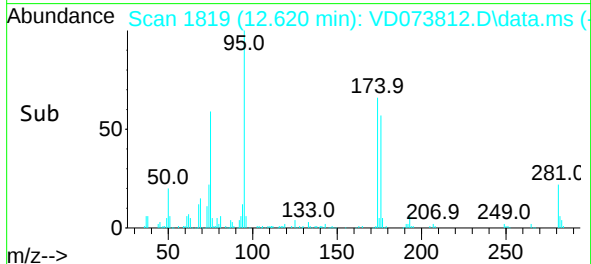
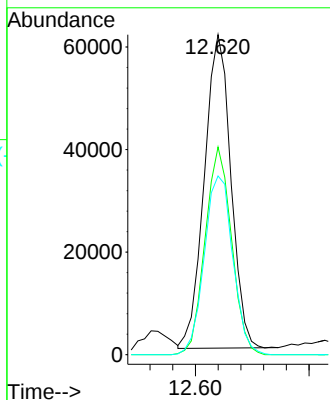
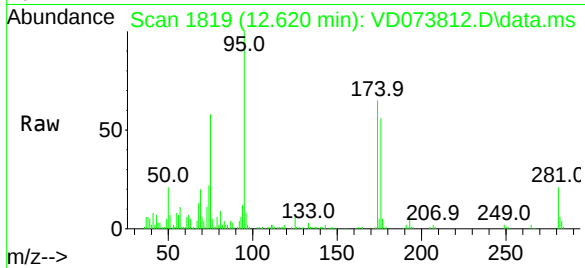




#62
4-Bromofluorobenzene
Concen: 51.701 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073812.D
Acq: 07 Jul 2022 16:58

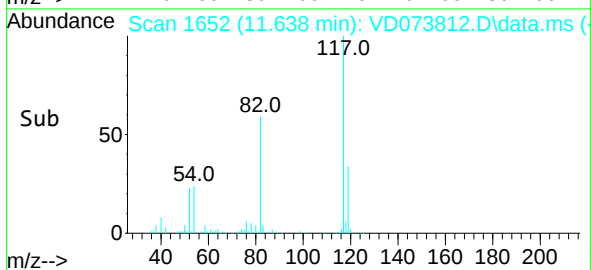
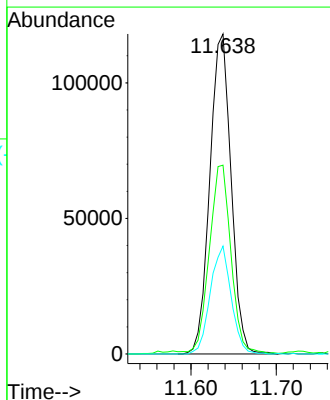
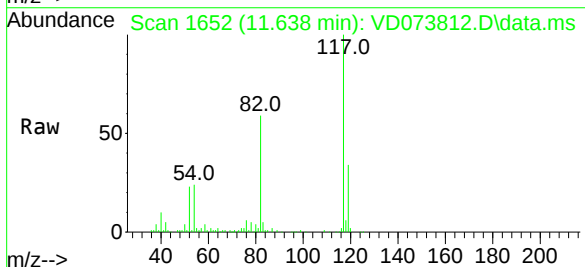
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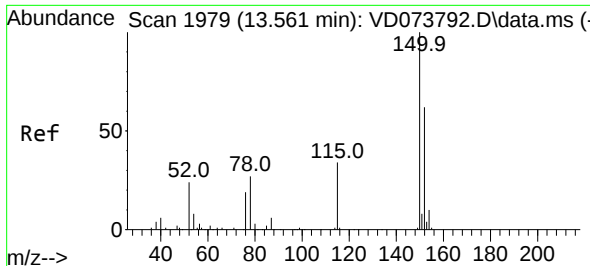
Tgt Ion: 95 Resp: 99286
Ion Ratio Lower Upper
95 100
174 65.8 0.0 132.4
176 61.3 0.0 129.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073812.D
Acq: 07 Jul 2022 16:58

Tgt Ion: 117 Resp: 204436
Ion Ratio Lower Upper
117 100
82 58.8 48.2 72.2
119 33.7 25.2 37.8

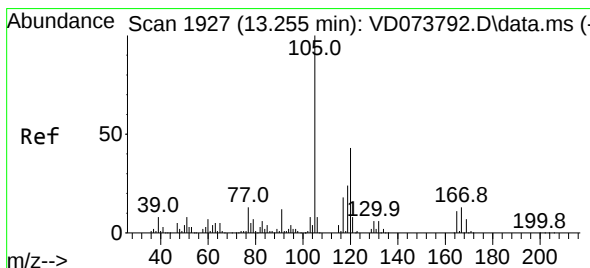
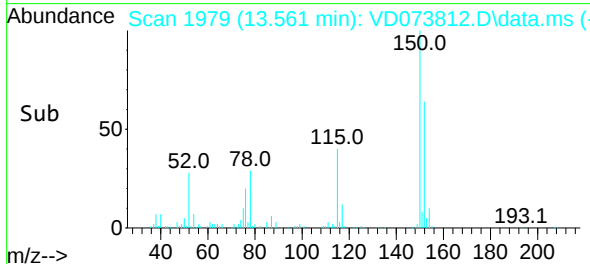
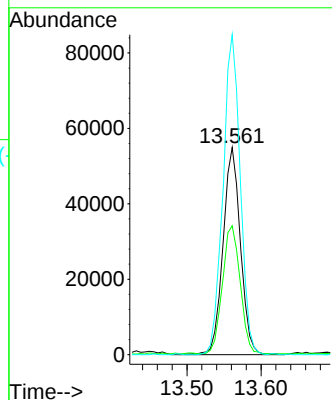
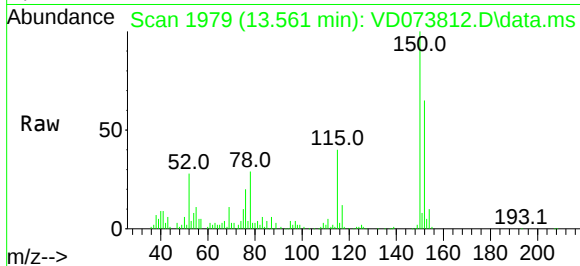




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073812.D
 Acq: 07 Jul 2022 16:58

Instrument :
 MSVOA_D
 ClientSampleId :
 20220483C-1C

Tgt Ion:152 Resp: 89633
 Ion Ratio Lower Upper
 152 100
 115 63.2 32.2 96.6
 150 152.8 0.0 353.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.163 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073812.D
 Acq: 07 Jul 2022 16:58

Tgt Ion:105 Resp: 6640
 Ion Ratio Lower Upper
 105 100
 120 42.0 22.1 66.5

