

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070974.D
 Acq On : 10 Nov 2021 17:34
 Operator : VA/SY
 Sample : M4523-06
 Misc : 4.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B4-110421-29-30

Quant Time: Nov 11 06:30:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

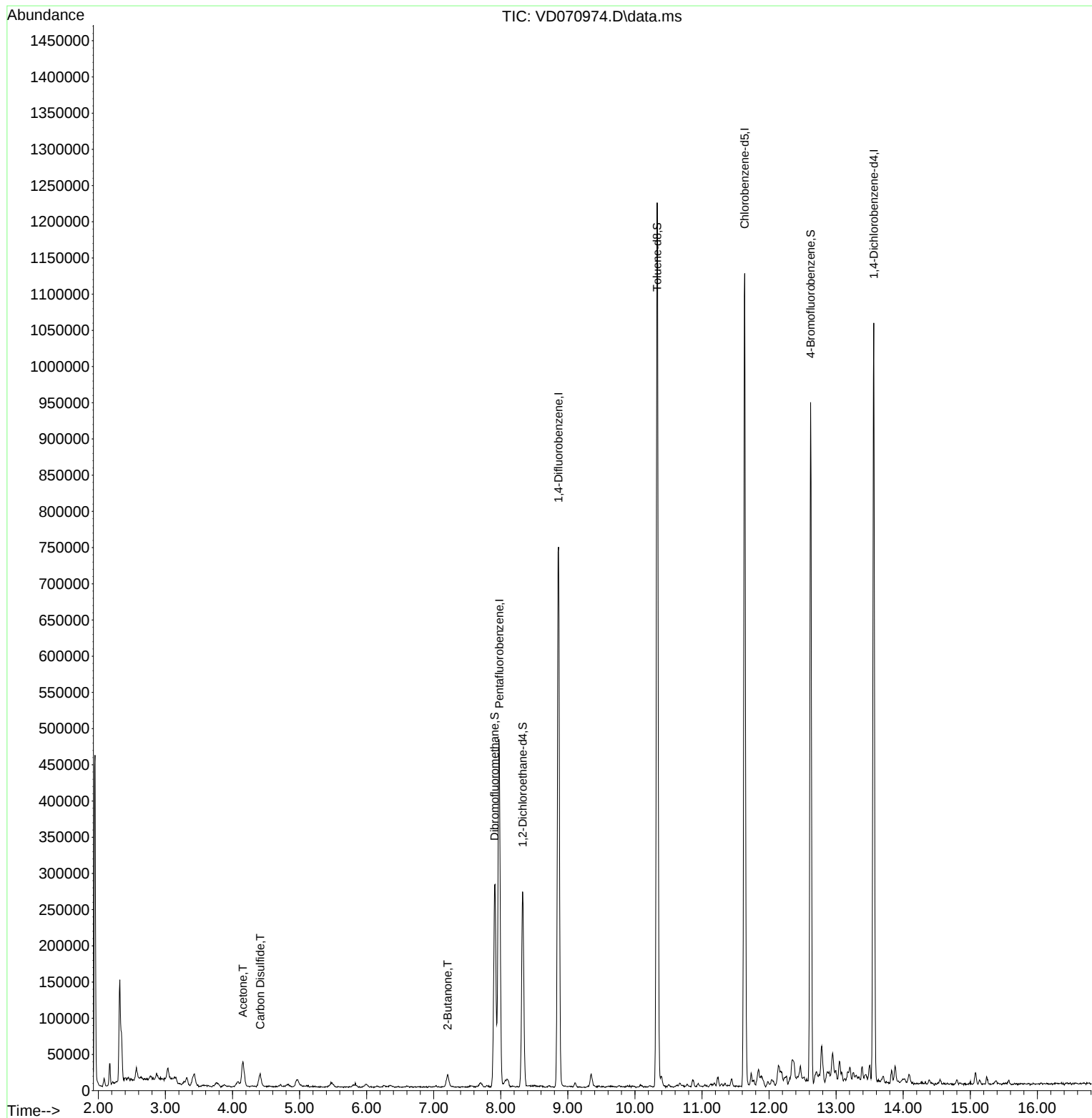
Internal Standards						
1) Pentafluorobenzene	7.979	168	345293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	634555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	607650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	263494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207631	56.477	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	112.960%	
35) Dibromofluoromethane	7.908	113	197005	55.019	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.040%	
50) Toluene-d8	10.332	98	813417	58.007	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	116.020%	
62) 4-Bromofluorobenzene	12.620	95	288597	57.159	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	114.320%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	62734	77.980	ug/l #	87
17) Carbon Disulfide	4.414	76	33732	3.186	ug/l	97
25) 2-Butanone	7.208	43	16272	32.017	ug/l	94

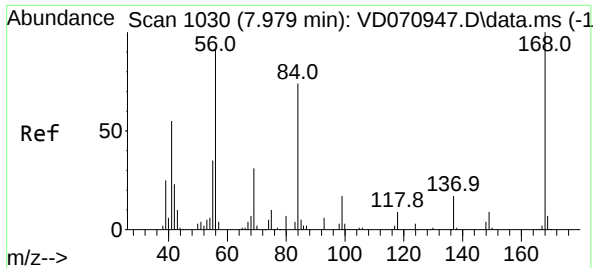
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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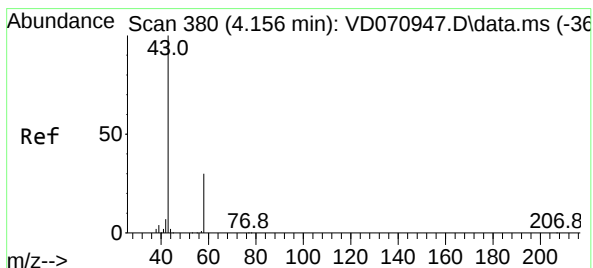
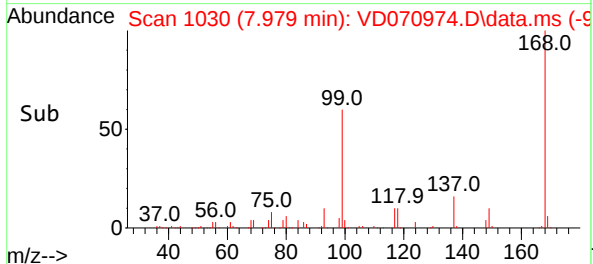
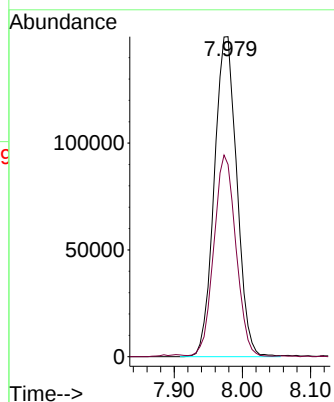
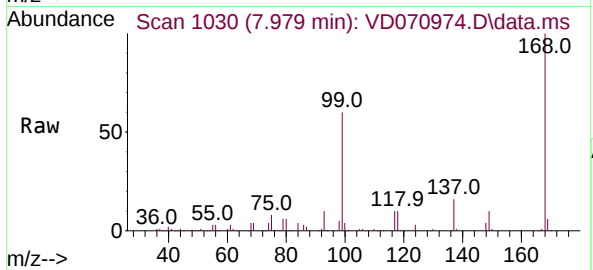




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070974.D
Acq: 10 Nov 2021 17:34

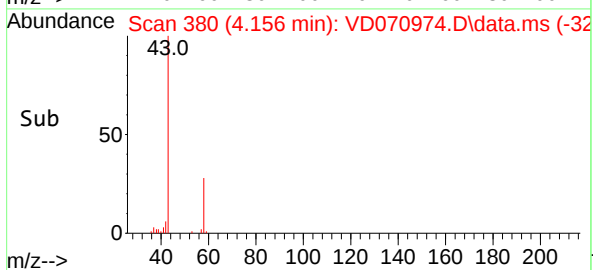
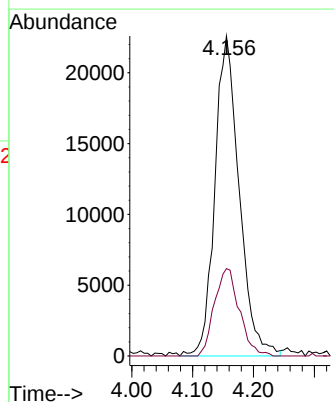
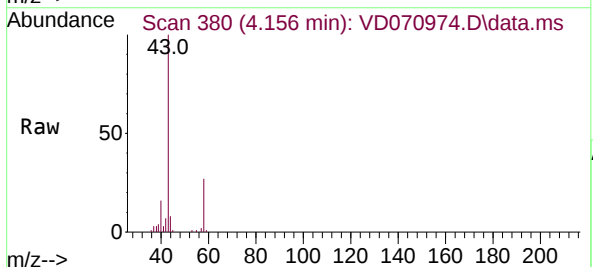
Instrument :
MSVOA_D
ClientSampleId :
VWE-B4-110421-29-30

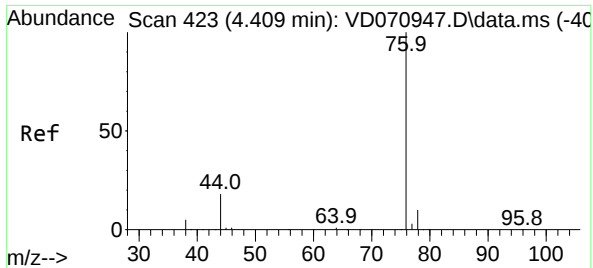
Tgt Ion:168 Resp: 345293
Ion Ratio Lower Upper
168 100
99 59.8 46.6 69.8



#16
Acetone
Concen: 77.980 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070974.D
Acq: 10 Nov 2021 17:34

Tgt Ion: 43 Resp: 62734
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#

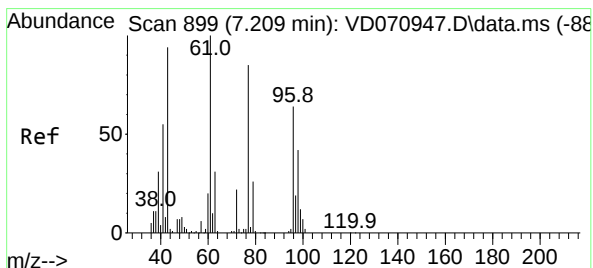
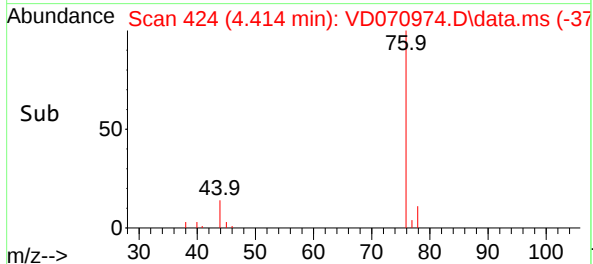
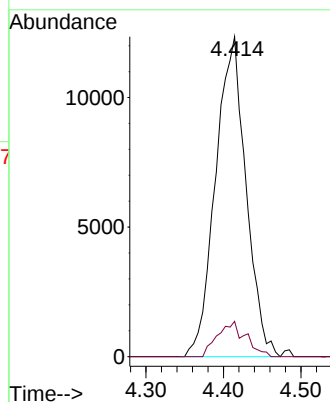
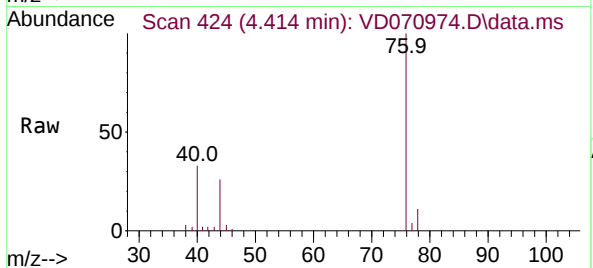




#17
Carbon Disulfide
Concen: 3.186 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD070974.D
Acq: 10 Nov 2021 17:34

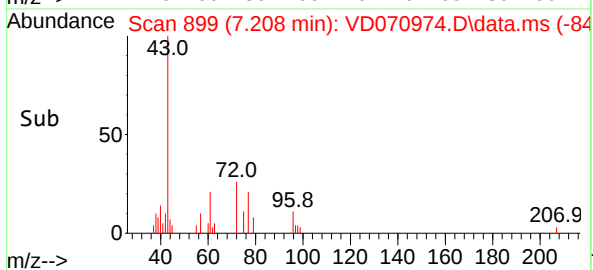
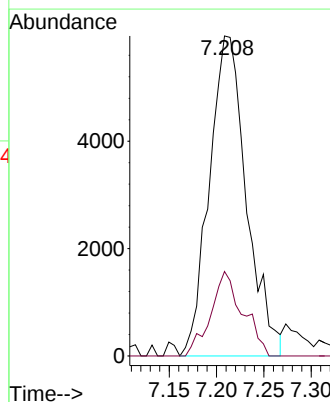
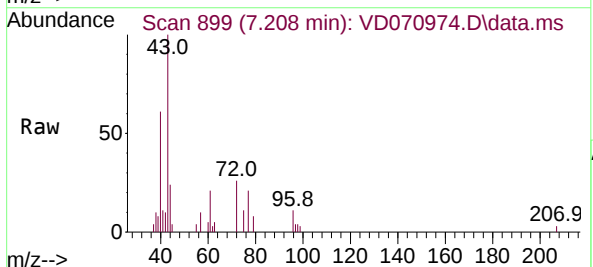
Instrument :
MSVOA_D
ClientSampleId :
VWE-B4-110421-29-30

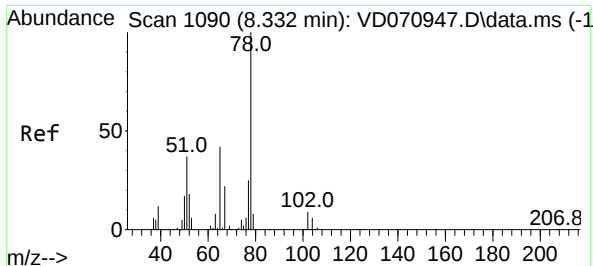
Tgt Ion: 76 Resp: 33732
Ion Ratio Lower Upper
76 100
78 11.1 7.8 11.8



#25
2-Butanone
Concen: 32.017 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD070974.D
Acq: 10 Nov 2021 17:34

Tgt Ion: 43 Resp: 16272
Ion Ratio Lower Upper
43 100
72 26.4 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 56.477 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD070974.D

Acq: 10 Nov 2021 17:34

Instrument :

MSVOA_D

ClientSampleId :

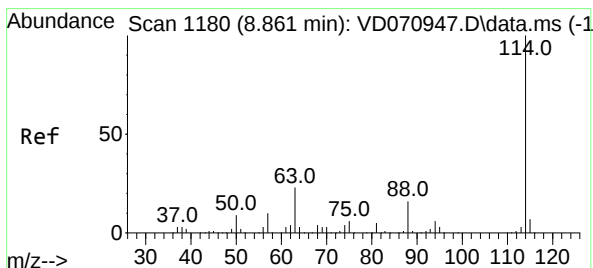
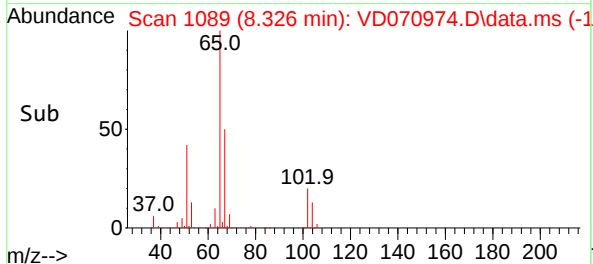
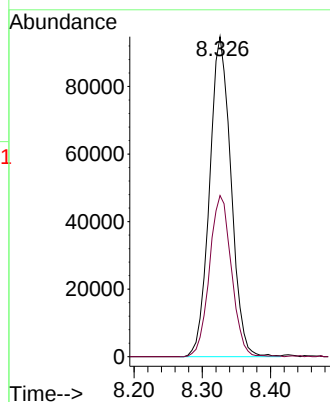
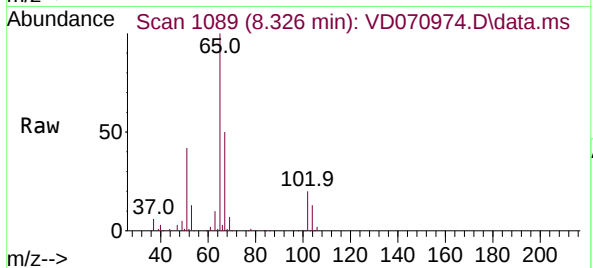
VWE-B4-110421-29-30

Tgt Ion: 65 Resp: 207631

Ion Ratio Lower Upper

65 100

67 51.5 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070974.D

Acq: 10 Nov 2021 17:34

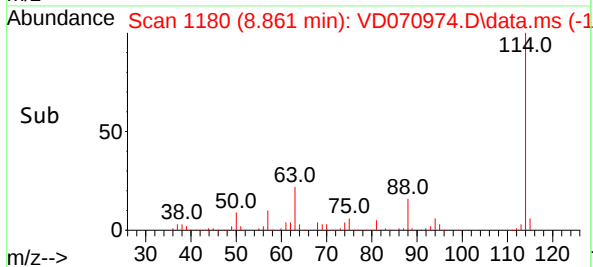
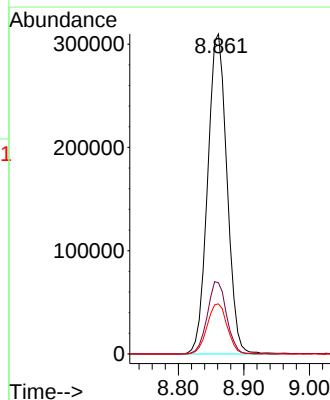
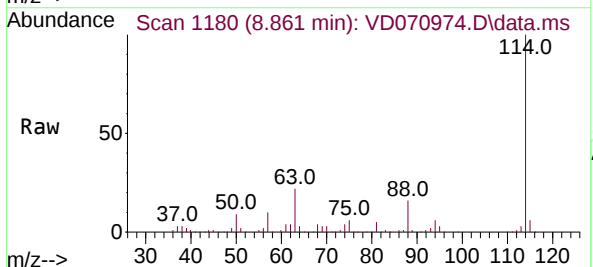
Tgt Ion: 114 Resp: 634555

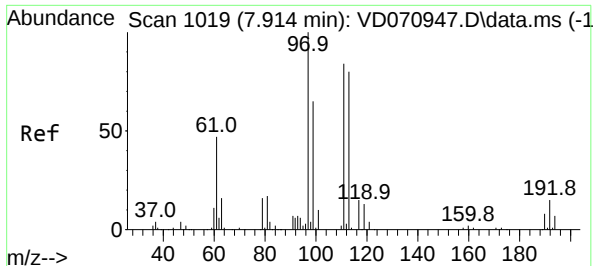
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 55.019 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD070974.D

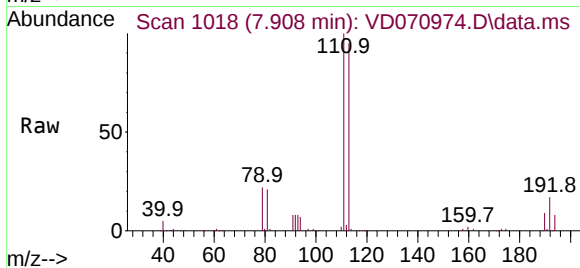
Acq: 10 Nov 2021 17:34

Instrument :

MSVOA_D

ClientSampleId :

VWE-B4-110421-29-30



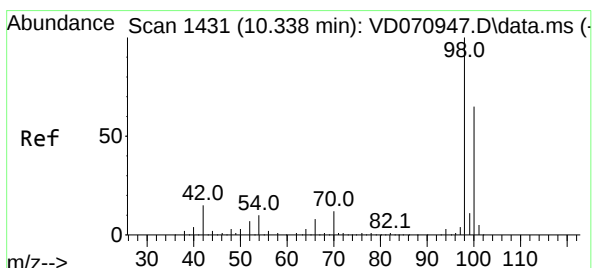
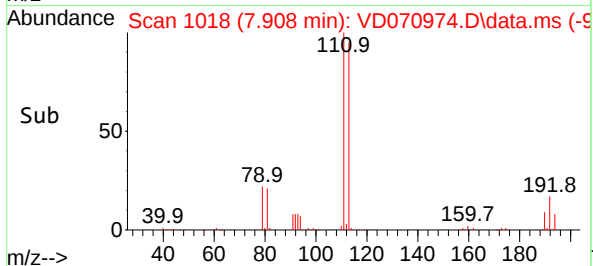
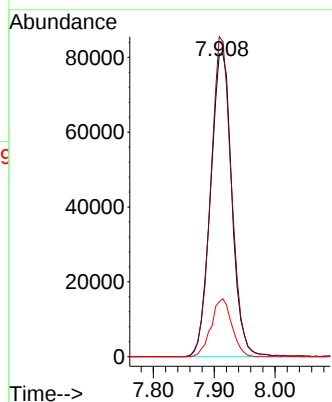
Tgt Ion:113 Resp: 197005

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 18.6 15.2 22.8



#50

Toluene-d8

Concen: 58.007 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD070974.D

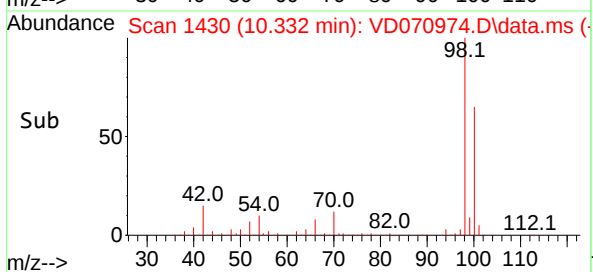
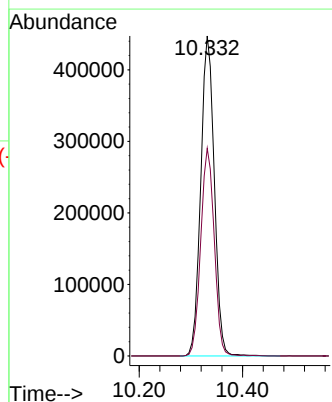
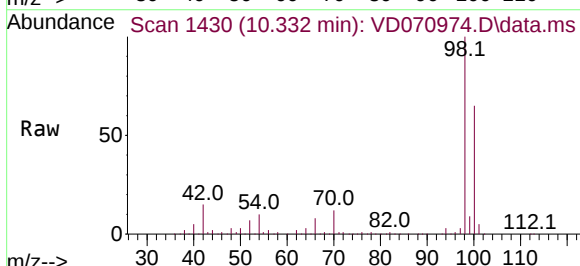
Acq: 10 Nov 2021 17:34

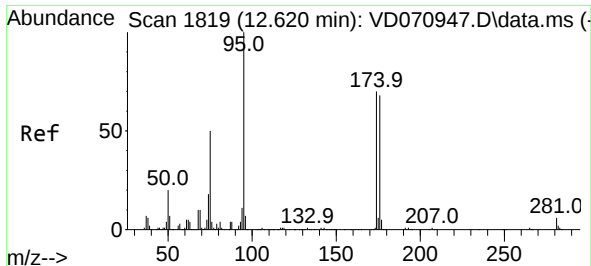
Tgt Ion: 98 Resp: 813417

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.6

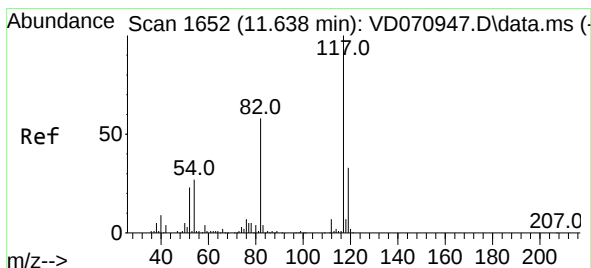
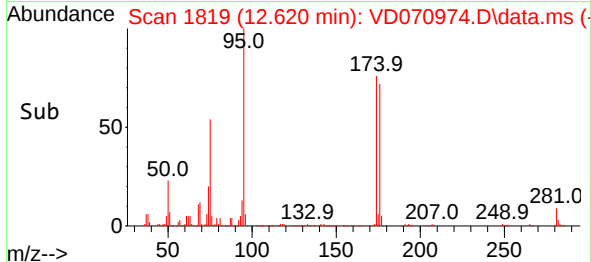
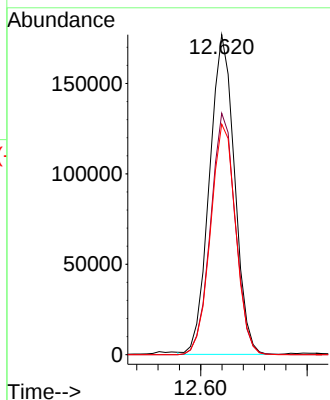
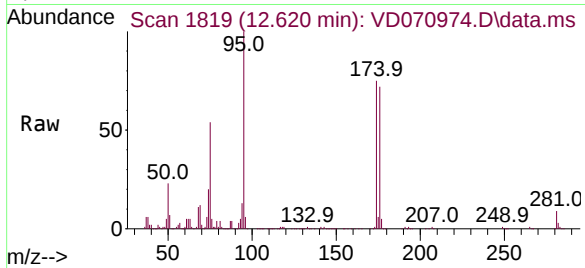




#62
4-Bromofluorobenzene
Concen: 57.159 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070974.D
Acq: 10 Nov 2021 17:34

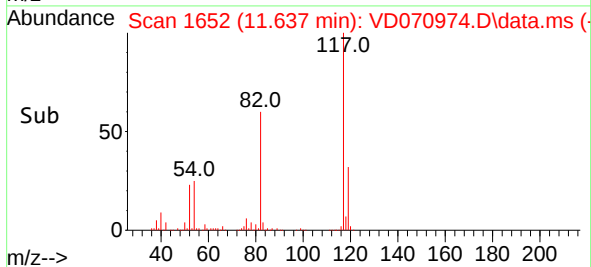
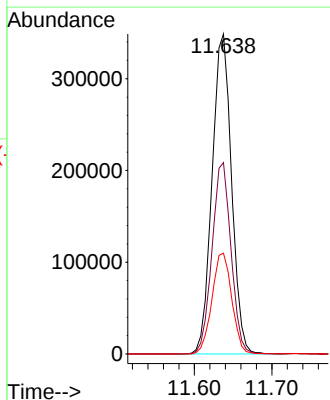
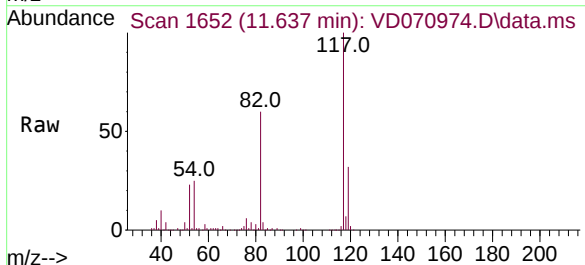
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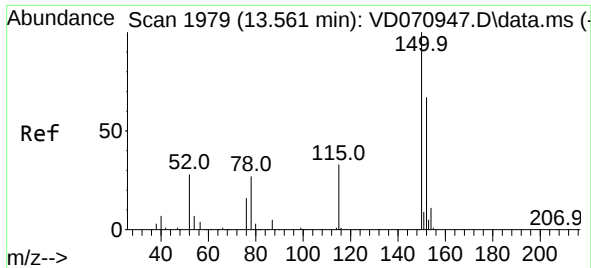
Tgt Ion: 95 Resp: 288597
Ion Ratio Lower Upper
95 100
174 74.5 0.0 159.4
176 72.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD070974.D
Acq: 10 Nov 2021 17:34

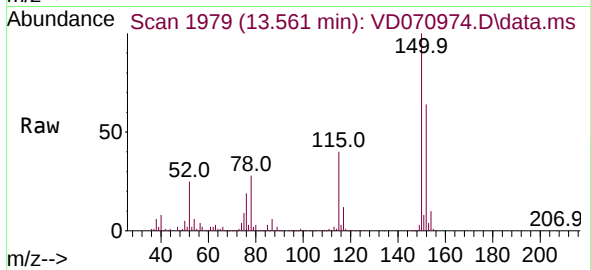
Tgt Ion: 117 Resp: 607650
Ion Ratio Lower Upper
117 100
82 59.8 44.7 67.1
119 31.5 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD070974.D
 Acq: 10 Nov 2021 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B4-110421-29-30



Tgt Ion:152 Resp: 263494
 Ion Ratio Lower Upper
 152 100
 115 61.2 29.8 89.3
 150 159.1 0.0 349.2

