

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070986.D
 Acq On : 11 Nov 2021 12:37
 Operator : VA/SY
 Sample : M4574-05
 Misc : 6.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B6-110521-14-15

Quant Time: Nov 12 07:59:25 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)

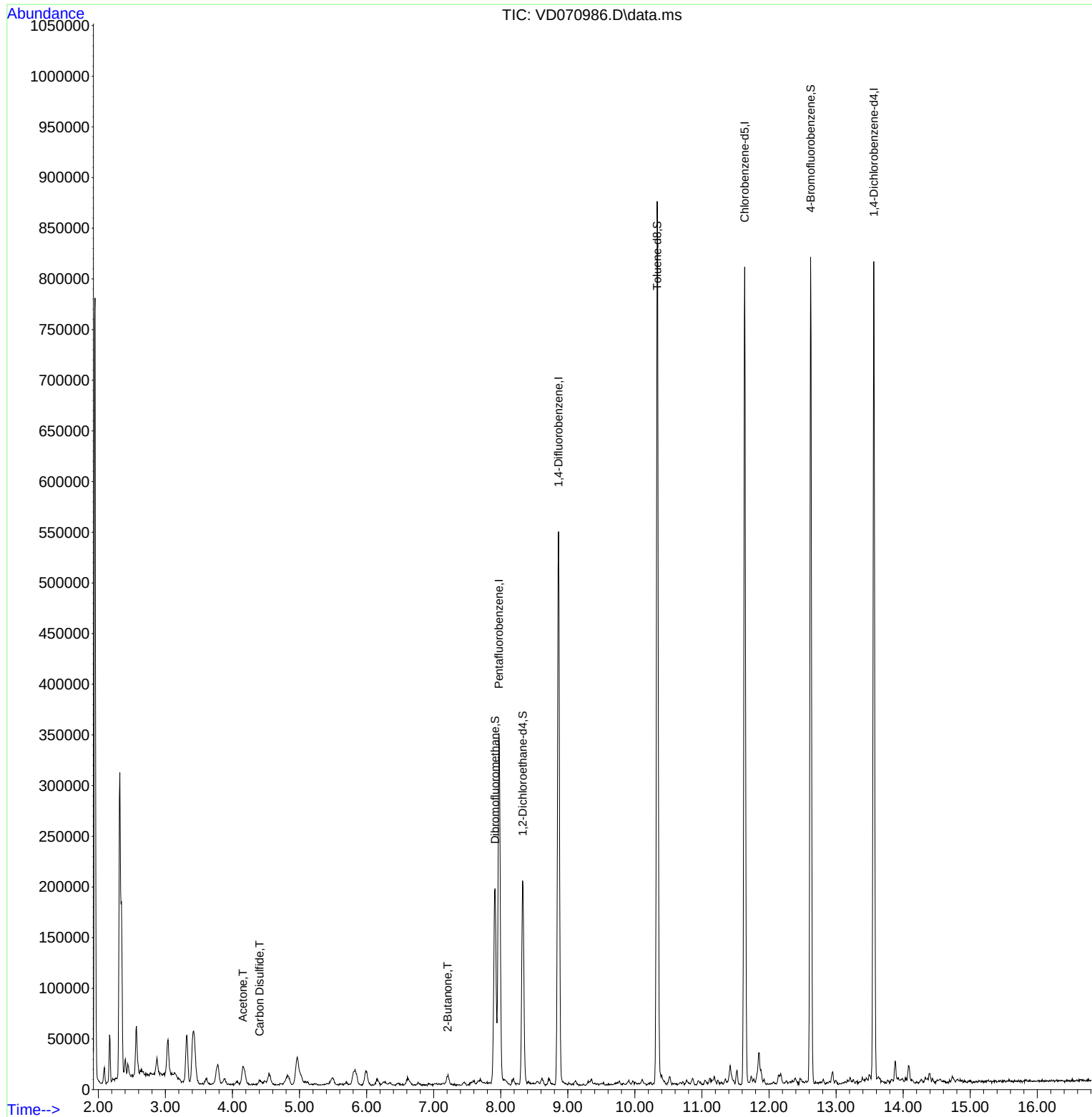
Internal Standards						
1) Pentafluorobenzene	7.973	168	247488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	444998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	436355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	199856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153450	58.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.46%	
35) Dibromofluoromethane	7.914	113	139875	55.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.40%	
50) Toluene-d8	10.332	98	563407	57.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.58%	
62) 4-Bromofluorobenzene	12.620	95	212955	60.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.28%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	29783	58.34	ug/l	# 83
17) Carbon Disulfide	4.403	76	9368	1.23	ug/l	95
25) 2-Butanone	7.209	43	11175	31.53	ug/l	90

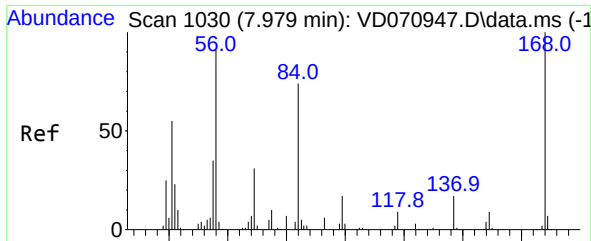
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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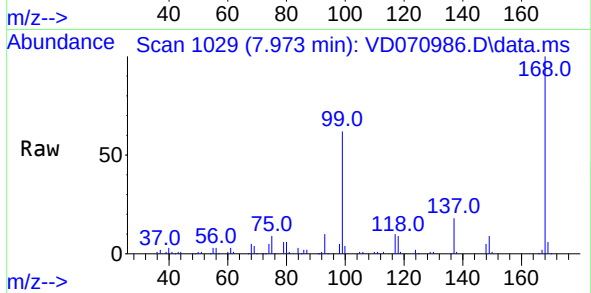
Quant Time: Nov 12 07:59:25 2021
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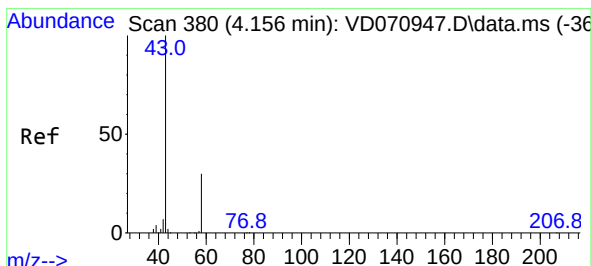
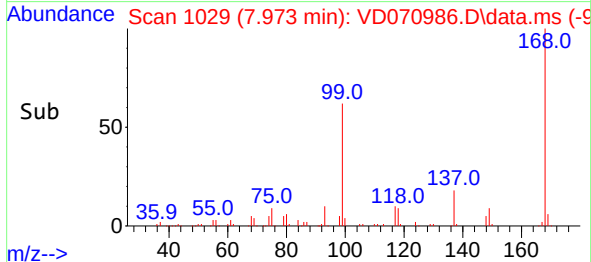
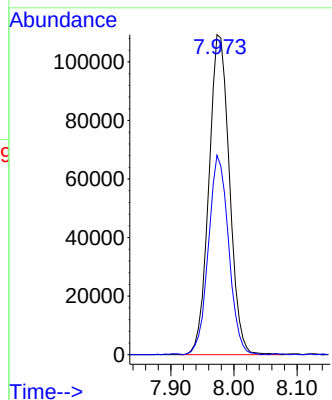


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070986.D
Acq: 11 Nov 2021 12:37

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

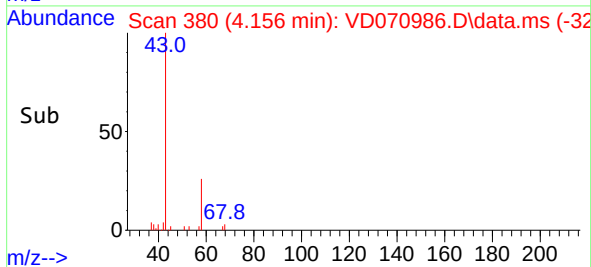
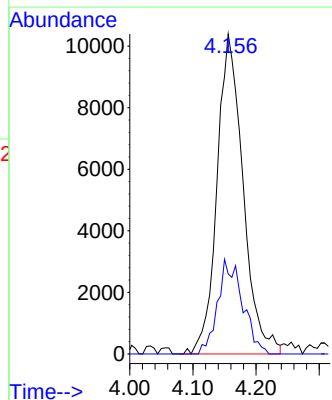
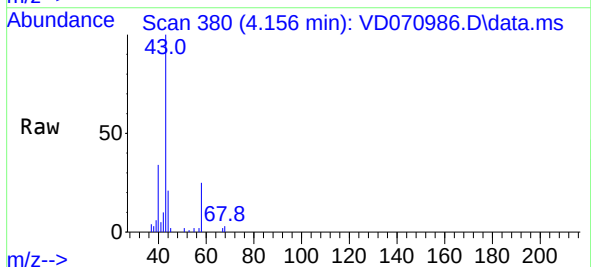


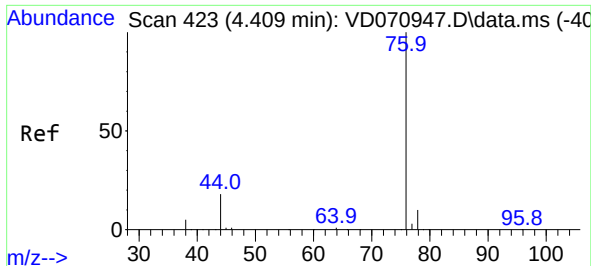
Tgt Ion:168 Resp: 247488
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#16
Acetone
Concen: 58.34 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070986.D
Acq: 11 Nov 2021 12:37

Tgt Ion: 43 Resp: 29783
Ion Ratio Lower Upper
43 100
58 25.0 27.8 41.8#

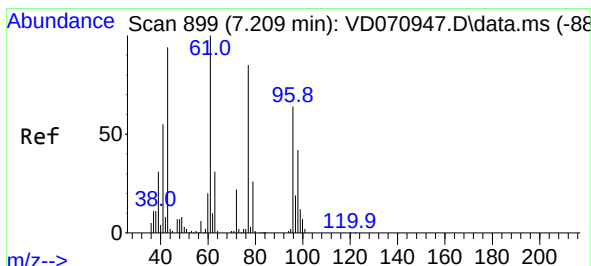
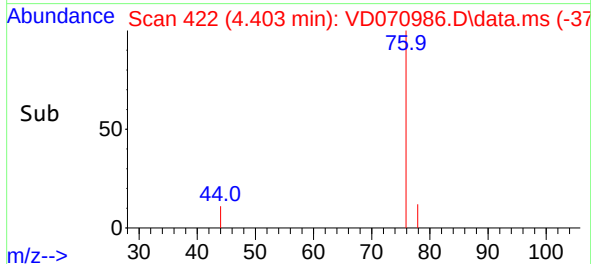
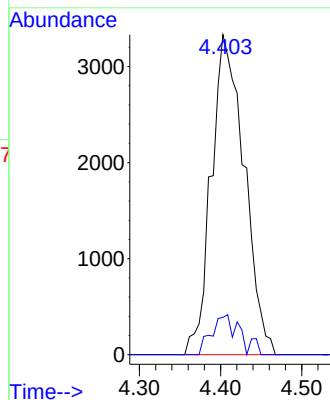
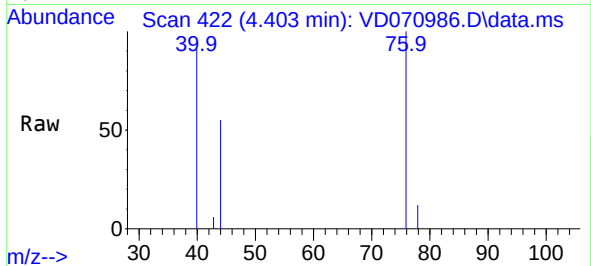




#17
Carbon Disulfide
Concen: 1.23 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD070986.D
Acq: 11 Nov 2021 12:37

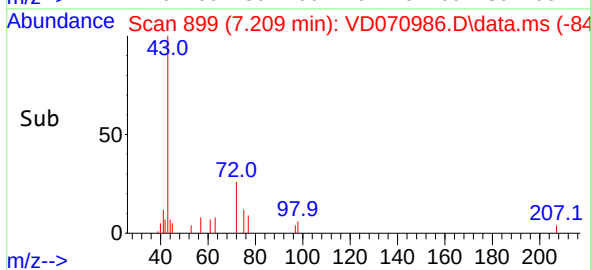
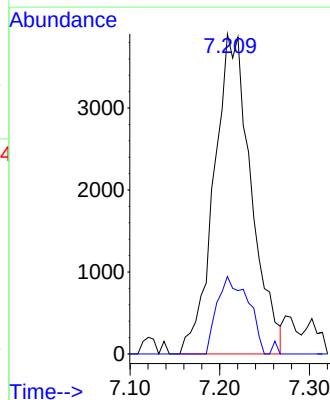
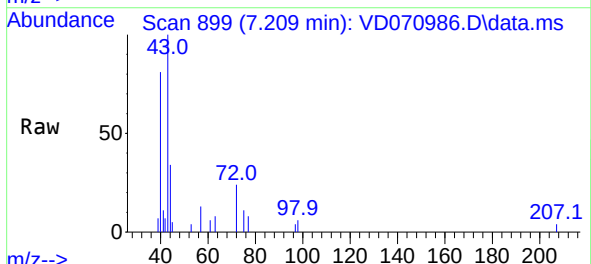
Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

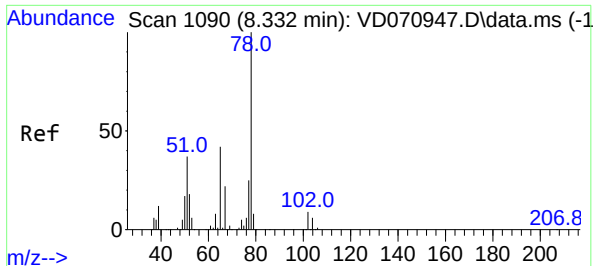
Tgt Ion: 76 Resp: 9368
Ion Ratio Lower Upper
76 100
78 11.7 7.8 11.8



#25
2-Butanone
Concen: 31.53 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070986.D
Acq: 11 Nov 2021 12:37

Tgt Ion: 43 Resp: 11175
Ion Ratio Lower Upper
43 100
72 24.2 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 58.23 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD070986.D

Acq: 11 Nov 2021 12:37

Instrument :

MSVOA_D

ClientSampleId :

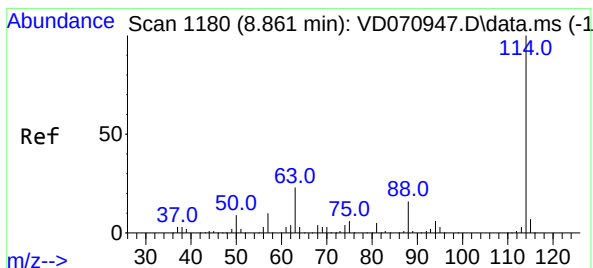
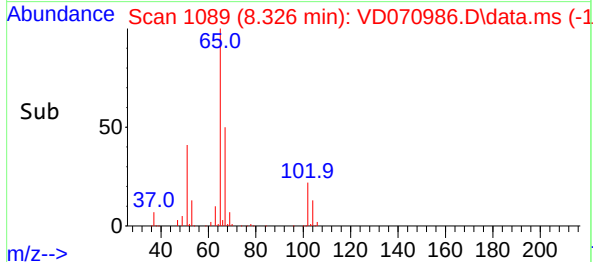
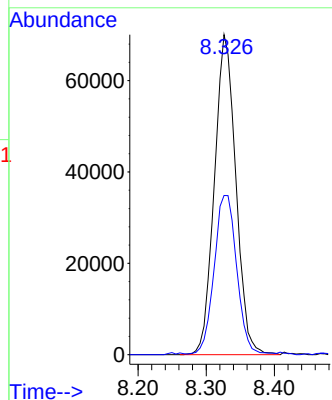
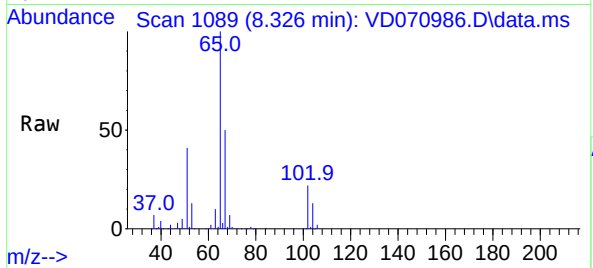
VWE-B6-110521-14-15

Tgt Ion: 65 Resp: 153450

Ion Ratio Lower Upper

65 100

67 51.8 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070986.D

Acq: 11 Nov 2021 12:37

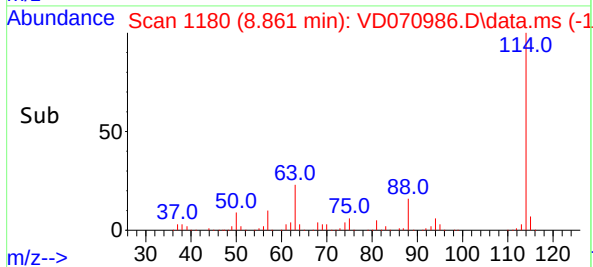
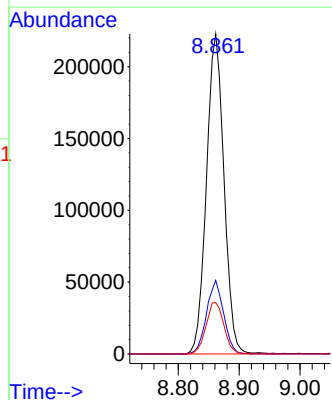
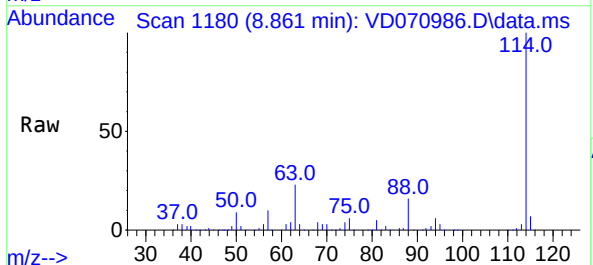
Tgt Ion: 114 Resp: 444998

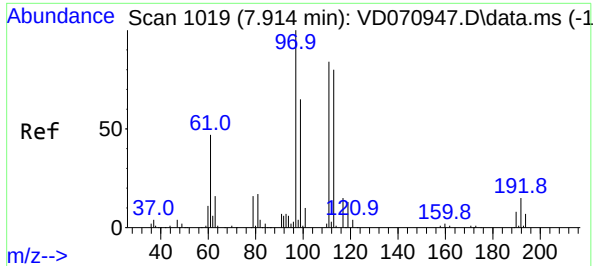
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.1 0.0 32.8



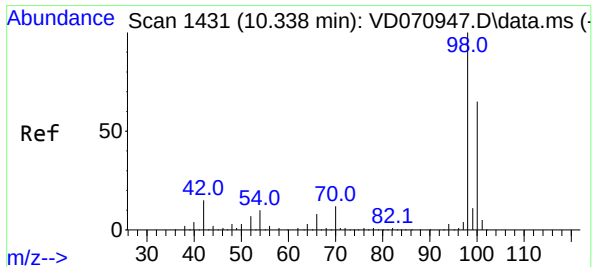
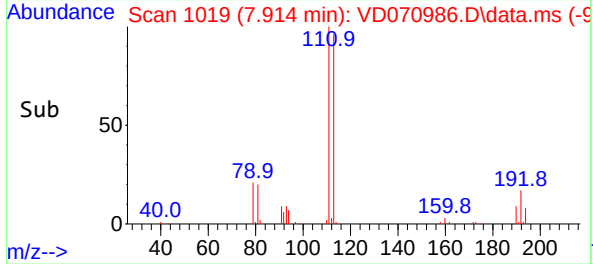
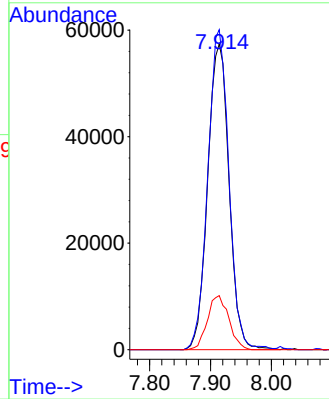
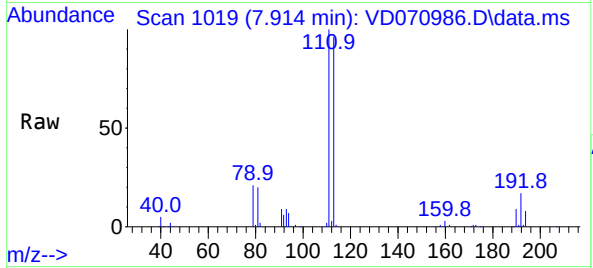


#35
Dibromofluoromethane
Concen: 55.70 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070986.D
Acq: 11 Nov 2021 12:37

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

Tgt Ion:113 Resp: 139875

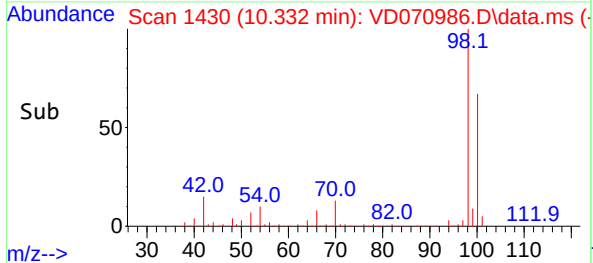
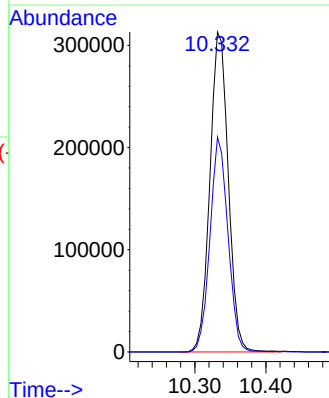
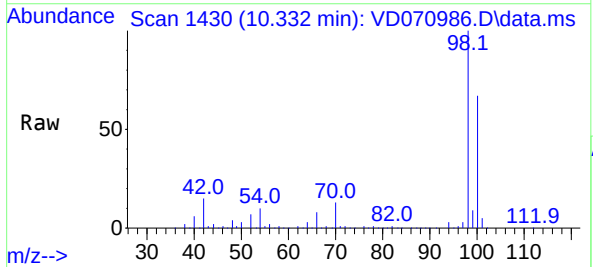
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	17.7	15.2	22.8

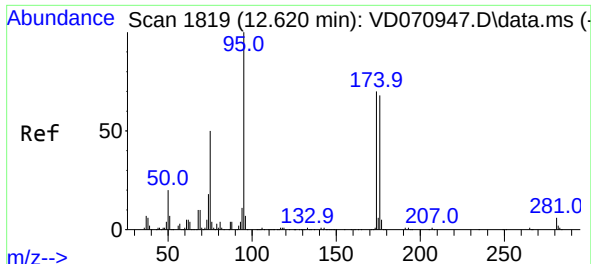


#50
Toluene-d8
Concen: 57.29 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070986.D
Acq: 11 Nov 2021 12:37

Tgt Ion: 98 Resp: 563407

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.6

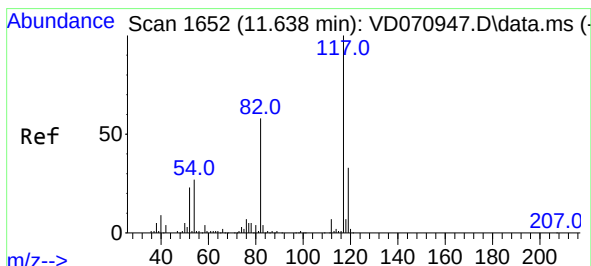
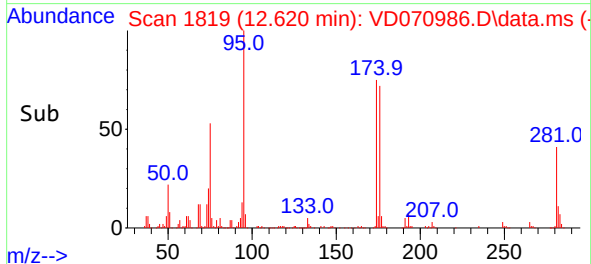
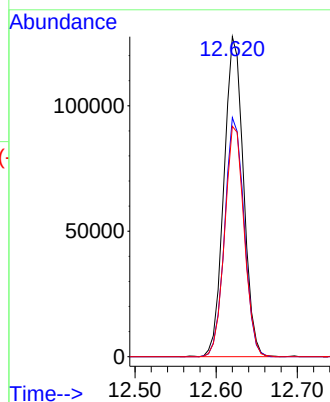
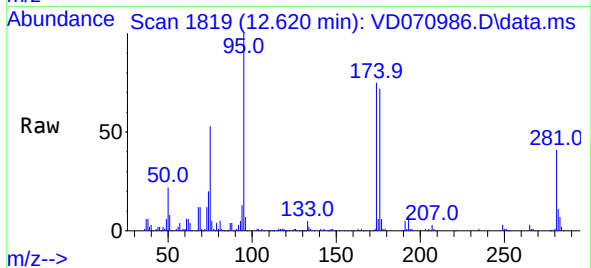




#62
4-Bromofluorobenzene
Concen: 60.14 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070986.D
Acq: 11 Nov 2021 12:37

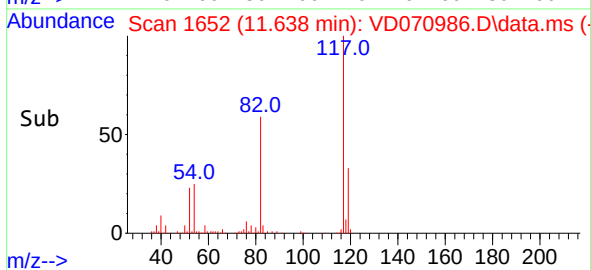
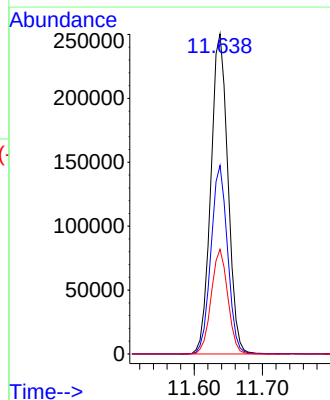
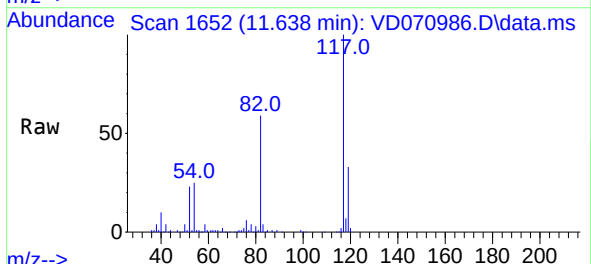
Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-14-15

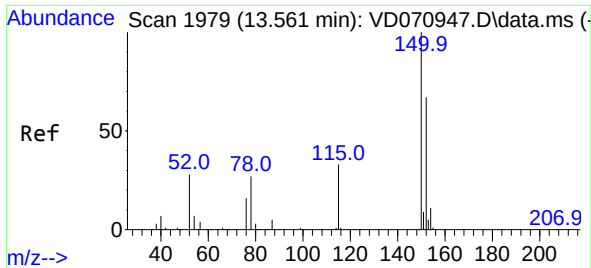
Tgt Ion:	95	Resp:	212955
Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	159.4
176	72.1	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070986.D
Acq: 11 Nov 2021 12:37

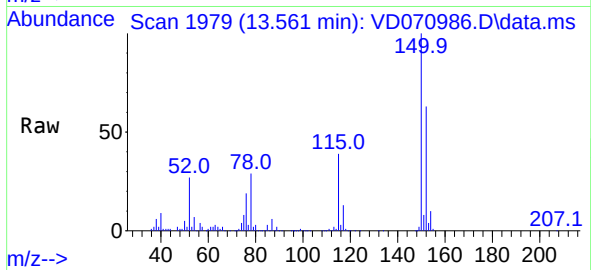
Tgt Ion:	117	Resp:	436355
Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.7	67.1
119	32.7	26.2	39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070986.D
 Acq: 11 Nov 2021 12:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B6-110521-14-15



Tgt Ion:152 Resp: 199856
 Ion Ratio Lower Upper
 152 100
 115 61.5 29.8 89.3
 150 157.8 0.0 349.2

