

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070993.D
 Acq On : 11 Nov 2021 15:58
 Operator : VA/SY
 Sample : M4582-04
 Misc : 7.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B10-110621-0-1

Quant Time: Nov 12 08:02:11 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)

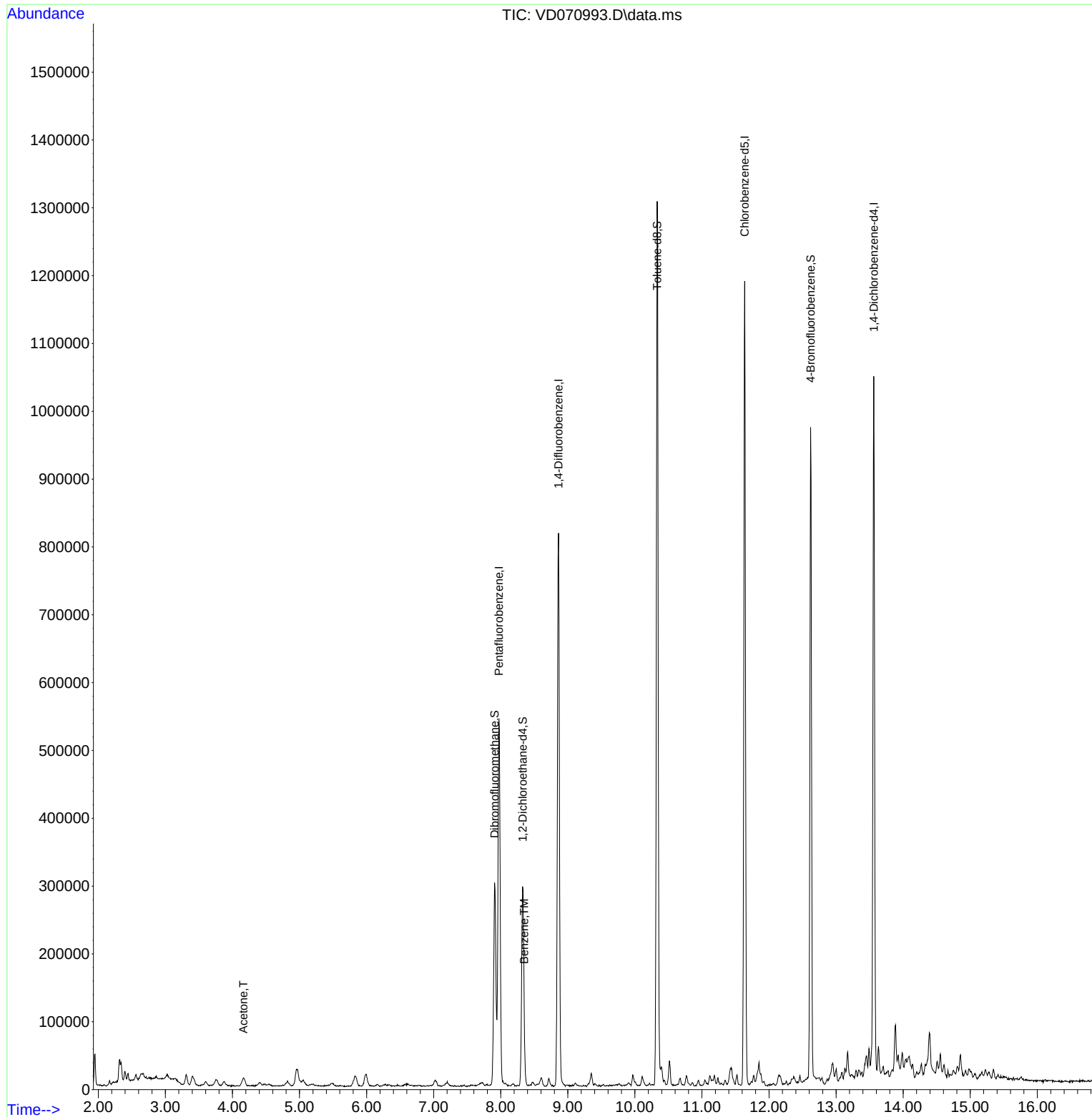
Internal Standards						
1) Pentafluorobenzene	7.973	168	392025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	692253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	637946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220125	52.74	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.48%	
35) Dibromofluoromethane	7.909	113	214485	54.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.82%	
50) Toluene-d8	10.332	98	853561	55.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.60%	
62) 4-Bromofluorobenzene	12.620	95	300313	54.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.04%	
Target Compounds						
16) Acetone	4.162	43	18029	34.52	ug/l	97
40) Benzene	8.350	78	23840	1.37	ug/l	91

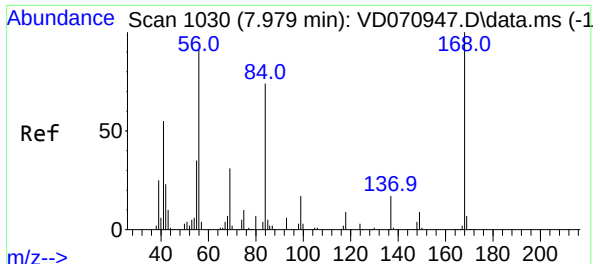
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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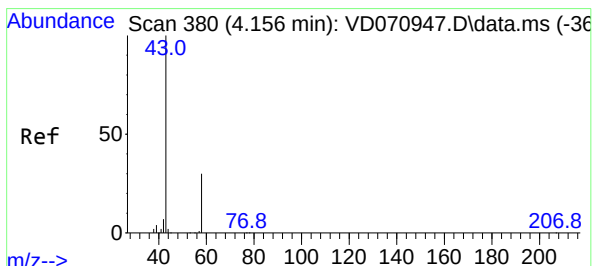
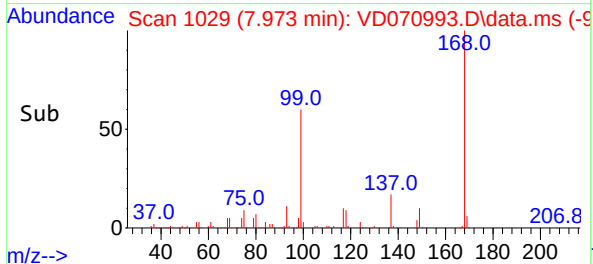
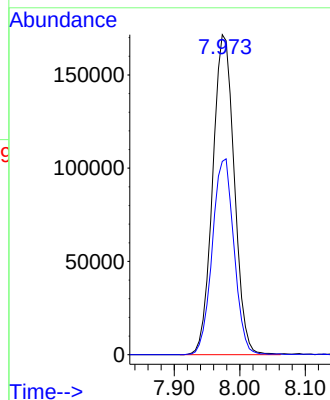
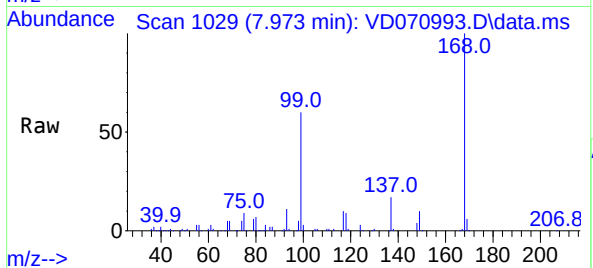




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070993.D
Acq: 11 Nov 2021 15:58

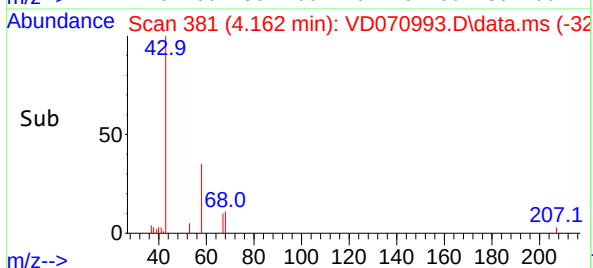
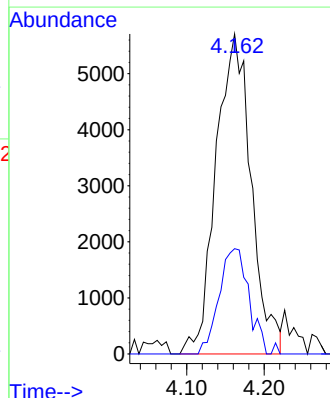
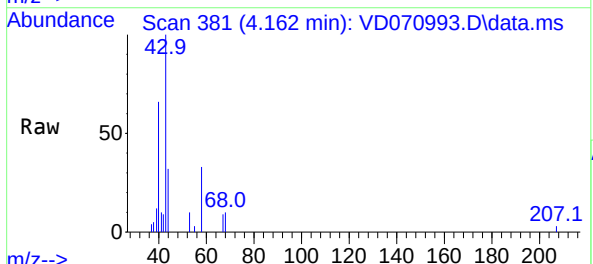
Instrument :
MSVOA_D
ClientSampleId :
VWE-B10-110621-0-1

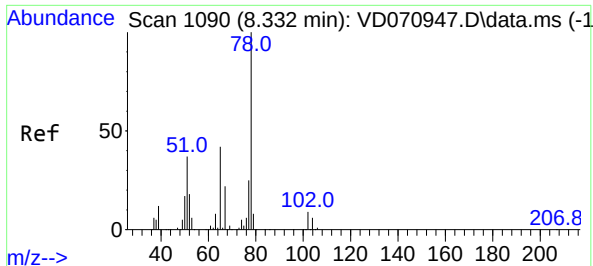
Tgt Ion:168 Resp: 392025
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#16
Acetone
Concen: 34.52 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070993.D
Acq: 11 Nov 2021 15:58

Tgt Ion: 43 Resp: 18029
Ion Ratio Lower Upper
43 100
58 32.9 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 52.74 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD070993.D

Acq: 11 Nov 2021 15:58

Instrument :

MSVOA_D

ClientSampleId :

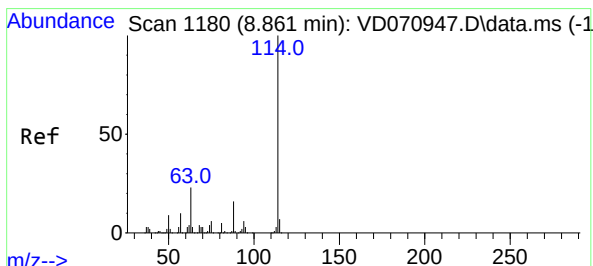
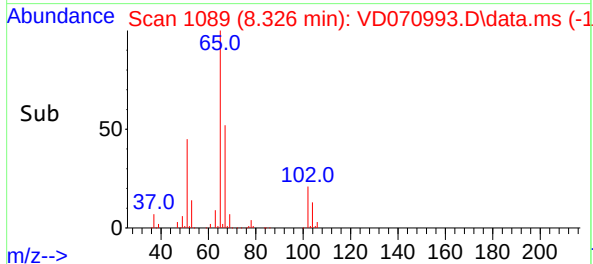
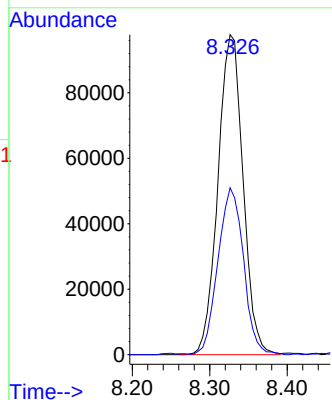
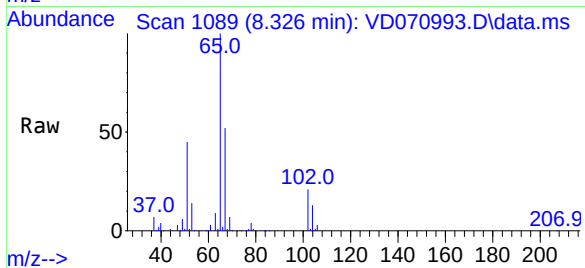
VWE-B10-110621-0-1

Tgt Ion: 65 Resp: 220125

Ion Ratio Lower Upper

65 100

67 53.1 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: VD070993.D

Acq: 11 Nov 2021 15:58

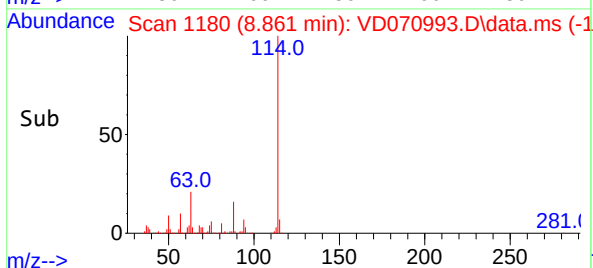
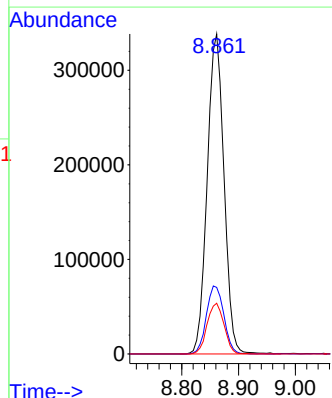
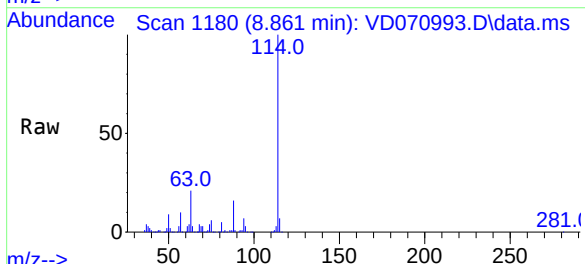
Tgt Ion:114 Resp: 692253

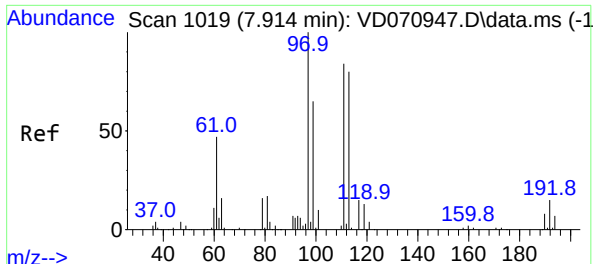
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.8

88 15.9 0.0 32.8

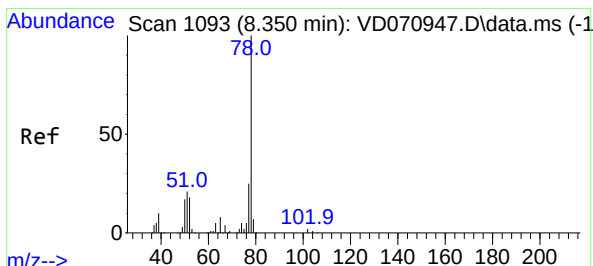
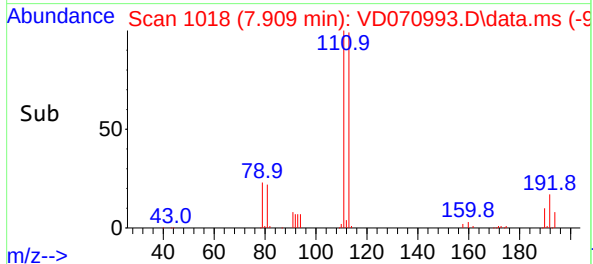
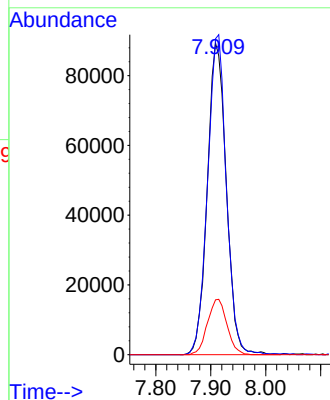
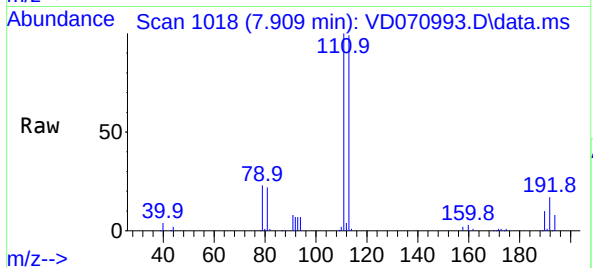




#35
Dibromofluoromethane
Concen: 54.91 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD070993.D
Acq: 11 Nov 2021 15:58

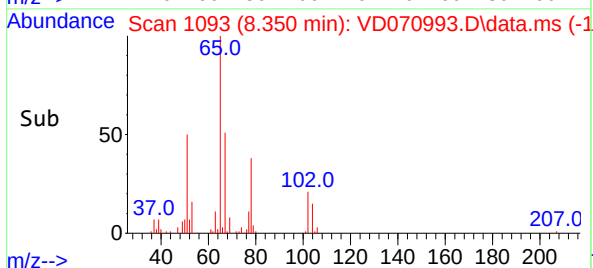
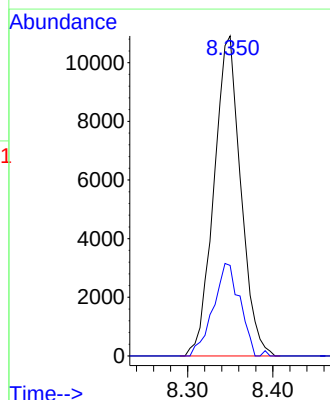
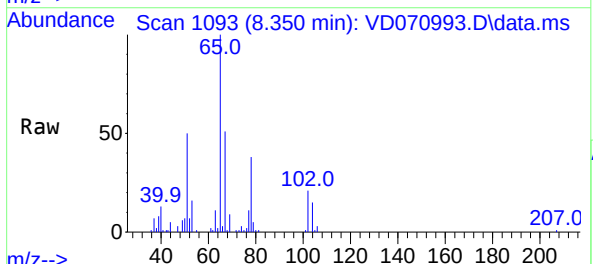
Instrument :
MSVOA_D
ClientSampleId :
VWE-B10-110621-0-1

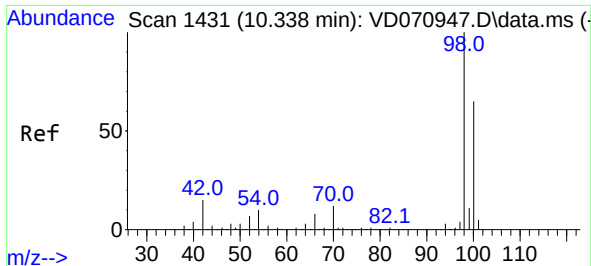
Tgt Ion:113 Resp: 214485
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 18.2 15.2 22.8



#40
Benzene
Concen: 1.37 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD070993.D
Acq: 11 Nov 2021 15:58

Tgt Ion: 78 Resp: 23840
Ion Ratio Lower Upper
78 100
77 28.3 19.1 28.7

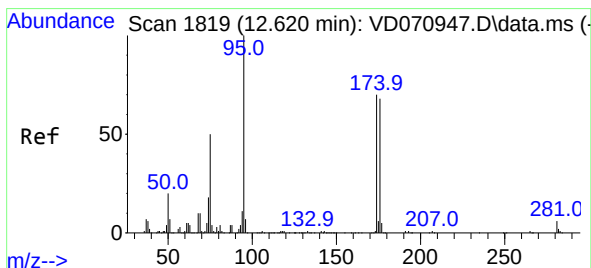
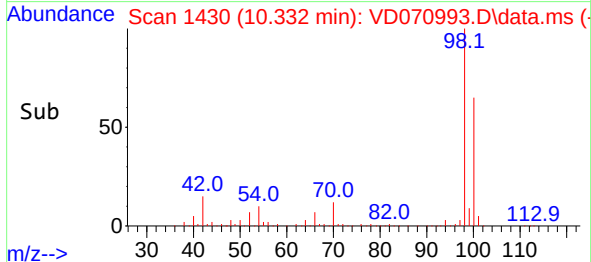
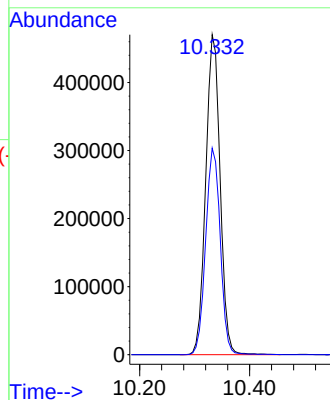
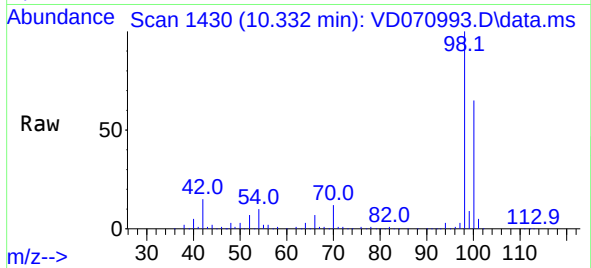




#50
Toluene-d8
Concen: 55.80 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070993.D
Acq: 11 Nov 2021 15:58

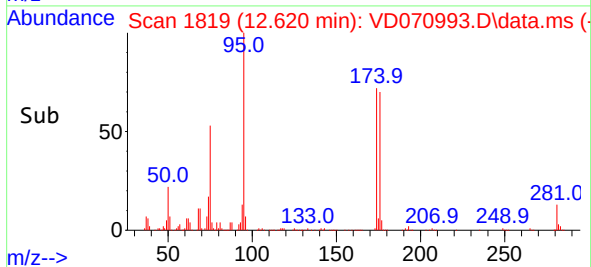
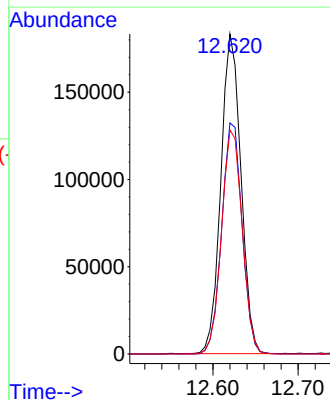
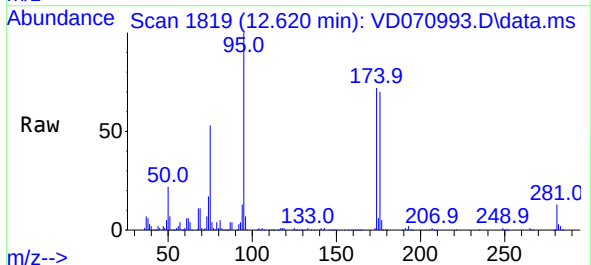
Instrument :
MSVOA_D
ClientSampleId :
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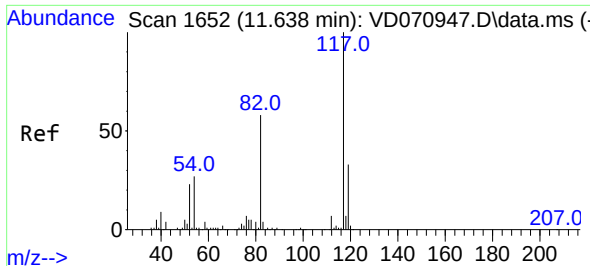
Tgt Ion: 98 Resp: 853561
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.52 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070993.D
Acq: 11 Nov 2021 15:58

Tgt Ion: 95 Resp: 300313
Ion Ratio Lower Upper
95 100
174 73.6 0.0 159.4
176 72.0 0.0 154.0

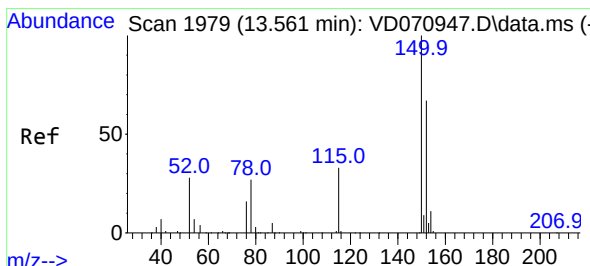
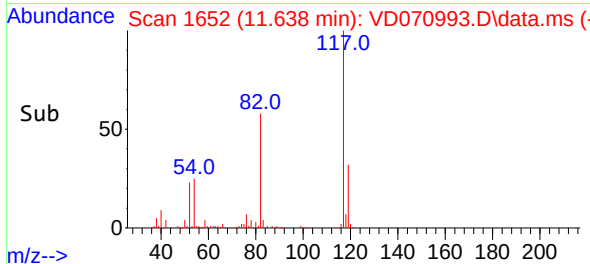
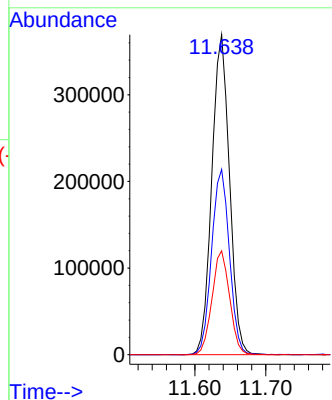
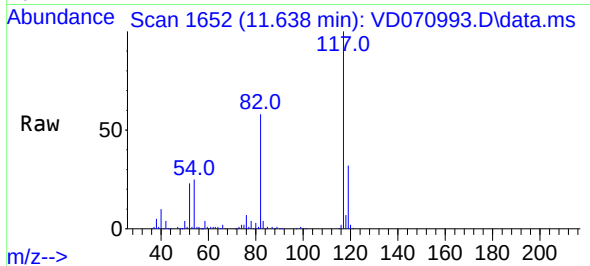




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070993.D
Acq: 11 Nov 2021 15:58

Instrument :
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ClientSampleId :
VWE-B10-110621-0-1

Tgt Ion:117 Resp: 637946
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.4 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: VD070993.D
Acq: 11 Nov 2021 15:58

Tgt Ion:152 Resp: 259147
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 155.9 0.0 349.2

