

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071990.D
 Acq On : 16 Feb 2022 14:13
 Operator : VA/SY
 Sample : N1548-01
 Misc : 6.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-(1-1.5)

Quant Time: Feb 17 00:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

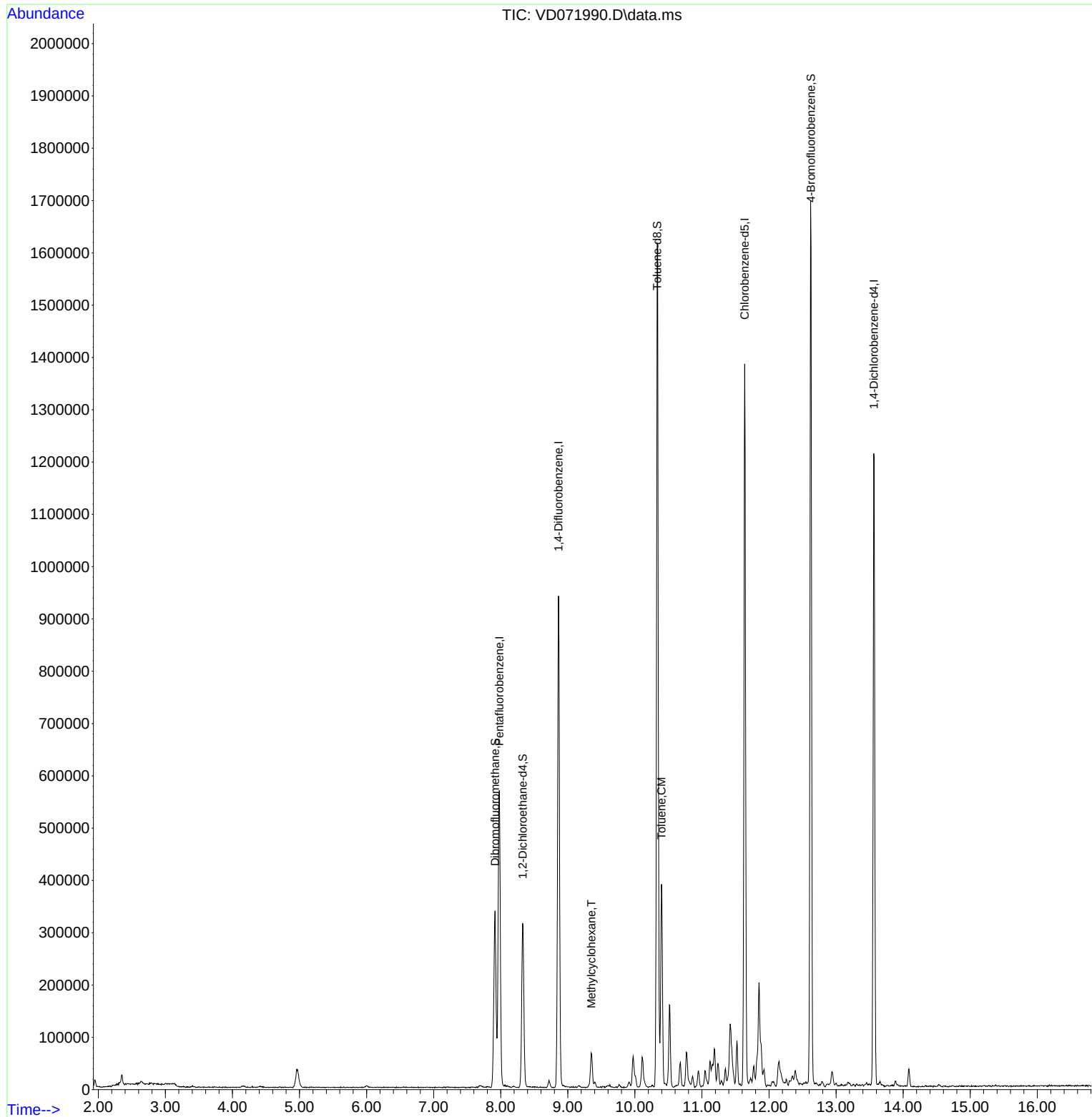
Internal Standards						
1) Pentafluorobenzene	7.979	168	382565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	723312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	719510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	297800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250449	51.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.580%	
35) Dibromofluoromethane	7.914	113	225996	47.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.060%	
50) Toluene-d8	10.332	98	968119	54.522	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.626	95	332074	53.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.100%	
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.350	83	19829	2.097	ug/l	92
52) Toluene	10.397	92	153579	11.212	ug/l	100

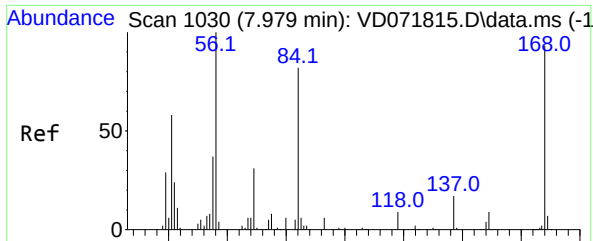
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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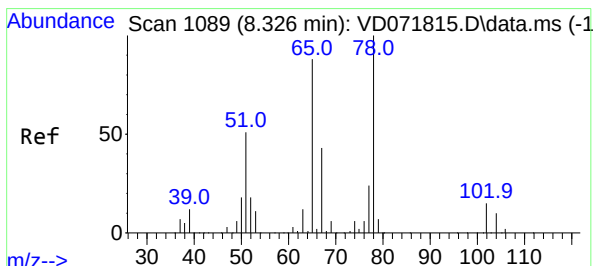
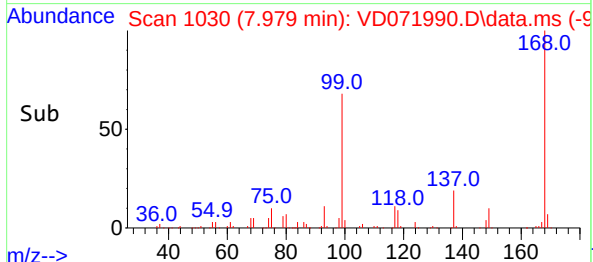
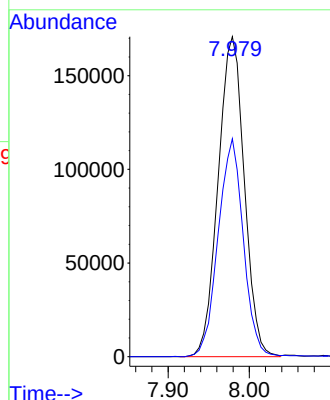
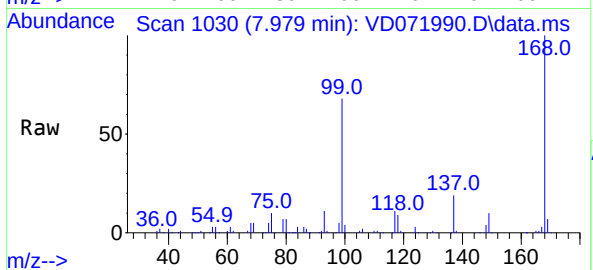




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071990.D
Acq: 16 Feb 2022 14:13

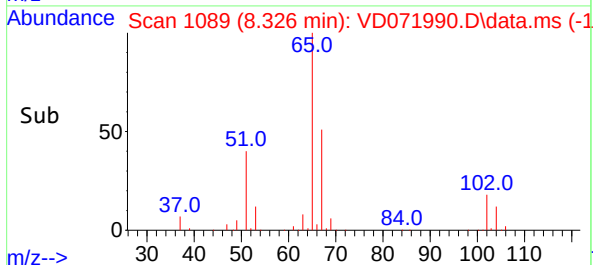
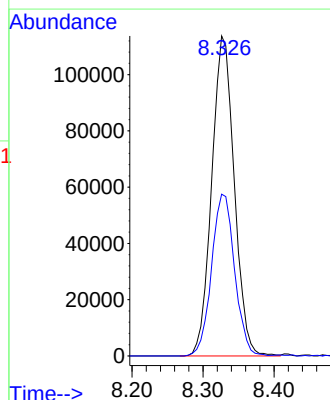
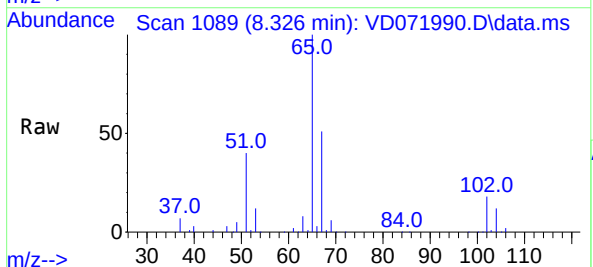
Instrument :
MSVOA_D
ClientSampleId :
SB-1-(1-1.5)

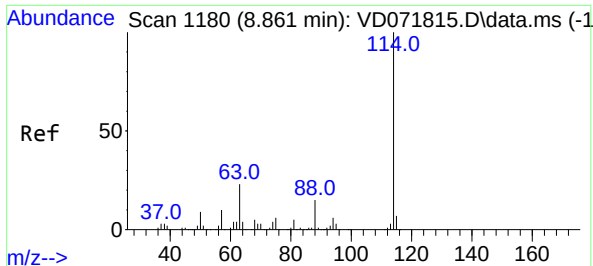
Tgt Ion:168 Resp: 382565
Ion Ratio Lower Upper
168 100
99 68.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.795 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071990.D
Acq: 16 Feb 2022 14:13

Tgt Ion: 65 Resp: 250449
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071990.D

Acq: 16 Feb 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

SB-1-(1-1.5)

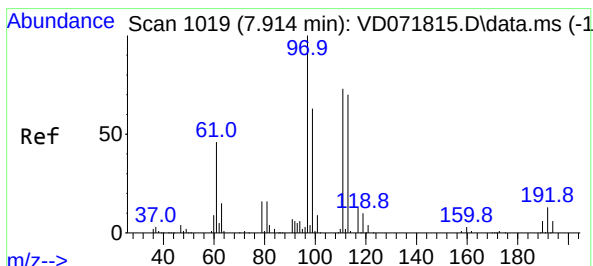
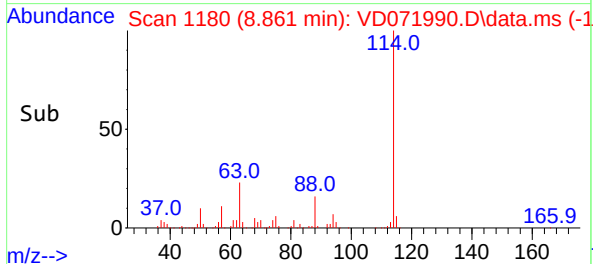
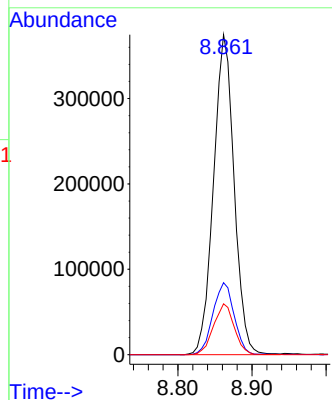
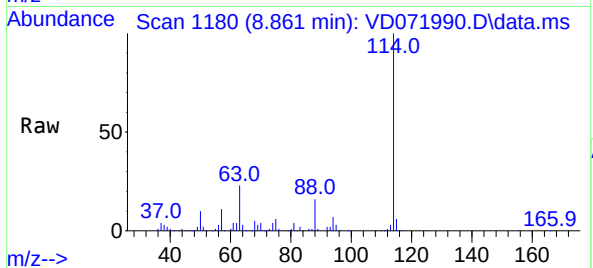
Tgt Ion:114 Resp: 723312

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.533 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071990.D

Acq: 16 Feb 2022 14:13

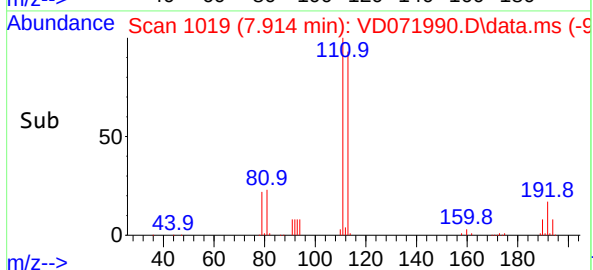
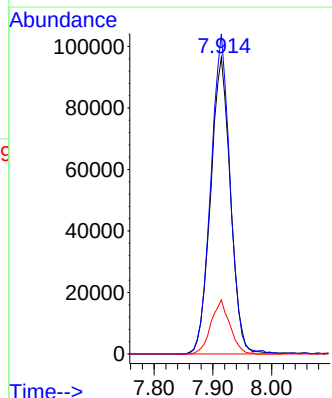
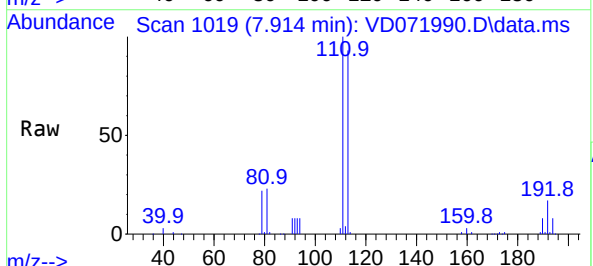
Tgt Ion:113 Resp: 225996

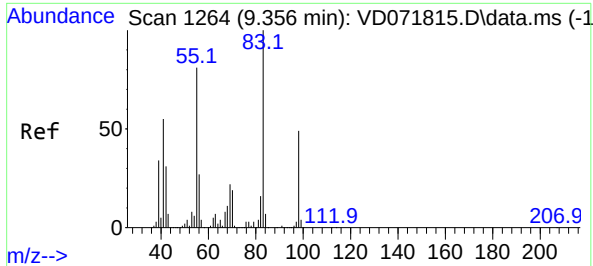
Ion Ratio Lower Upper

113 100

111 104.9 83.8 125.6

192 17.3 14.6 21.8

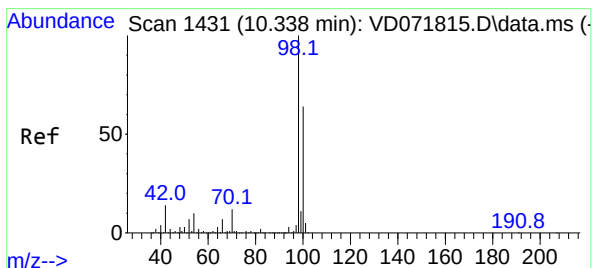
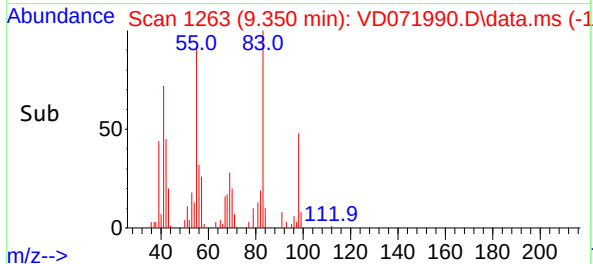
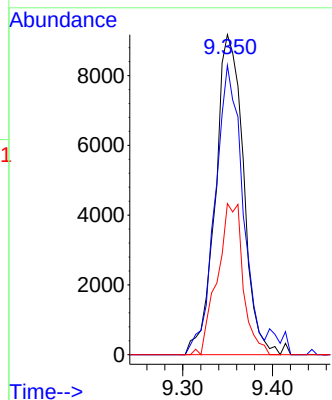
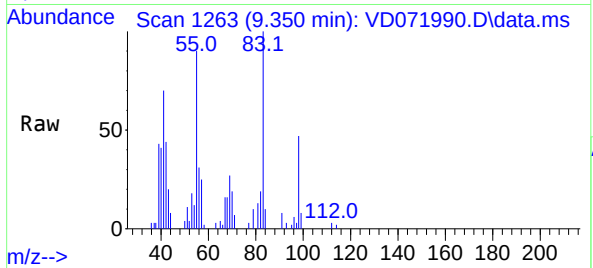




#39
Methylcyclohexane
Concen: 2.097 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071990.D
Acq: 16 Feb 2022 14:13

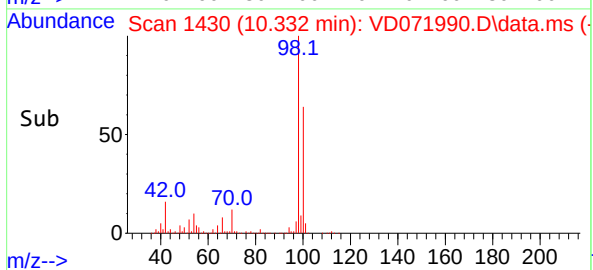
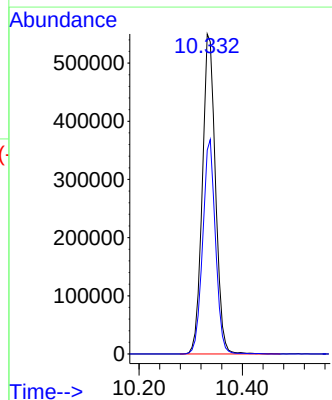
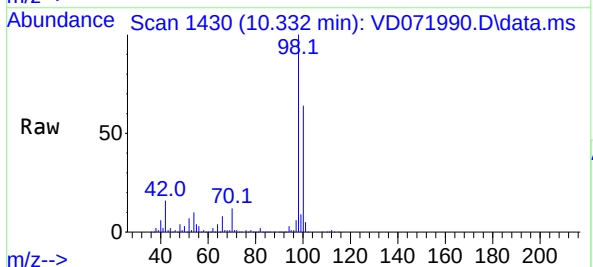
Instrument :
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SB-1-(1-1.5)

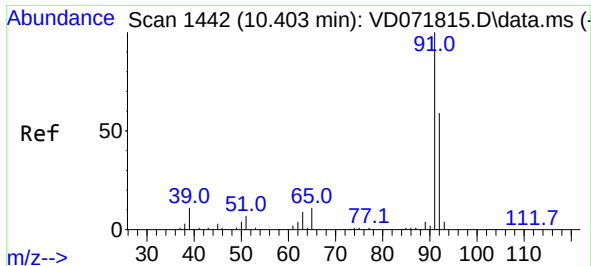
Tgt Ion: 83 Resp: 19829
Ion Ratio Lower Upper
83 100
55 90.4 63.2 94.8
98 47.2 38.2 57.4



#50
Toluene-d8
Concen: 54.522 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071990.D
Acq: 16 Feb 2022 14:13

Tgt Ion: 98 Resp: 968119
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

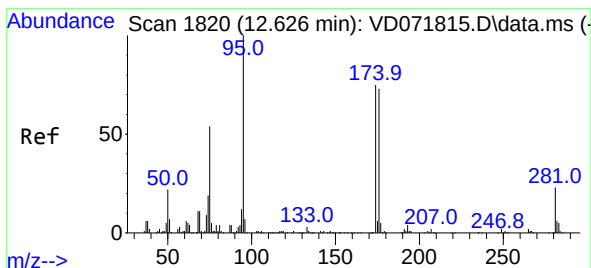
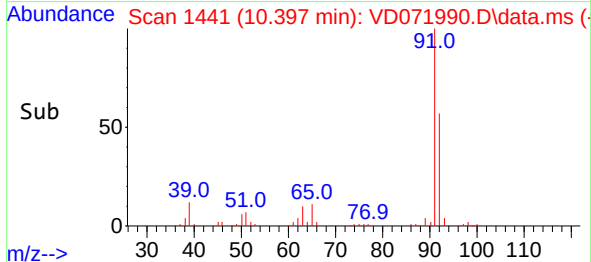
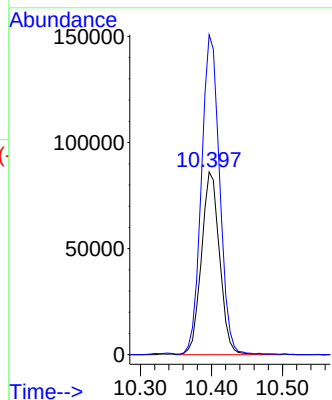
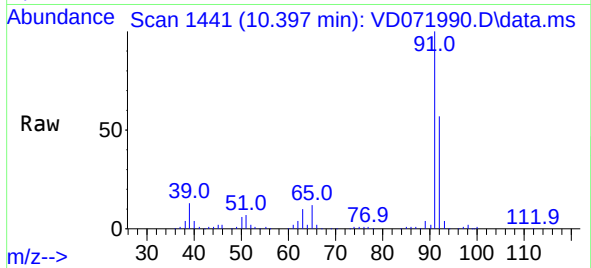




#52
Toluene
Concen: 11.212 ug/l
RT: 10.397 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD071990.D
Acq: 16 Feb 2022 14:13

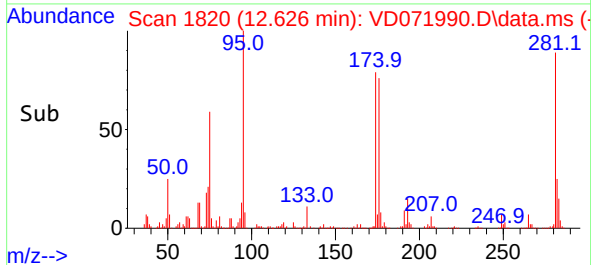
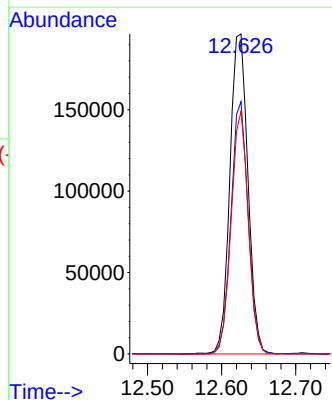
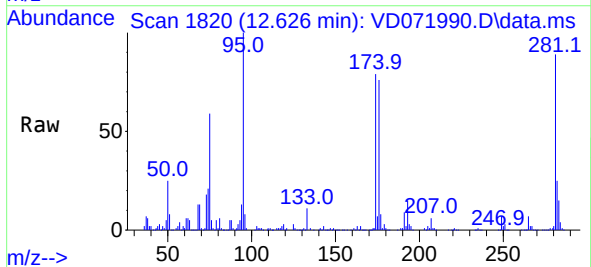
Instrument :
MSVOA_D
ClientSampleId :
SB-1-(1-1.5)

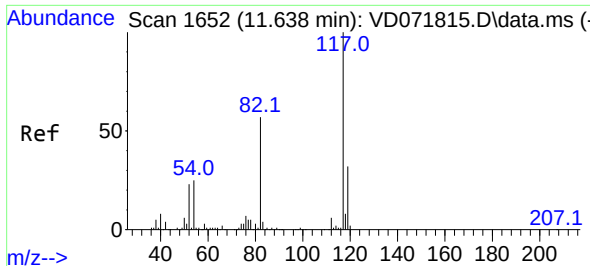
Tgt Ion: 92 Resp: 153579
Ion Ratio Lower Upper
92 100
91 174.5 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 53.553 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071990.D
Acq: 16 Feb 2022 14:13

Tgt Ion: 95 Resp: 332074
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 72.0 0.0 145.4

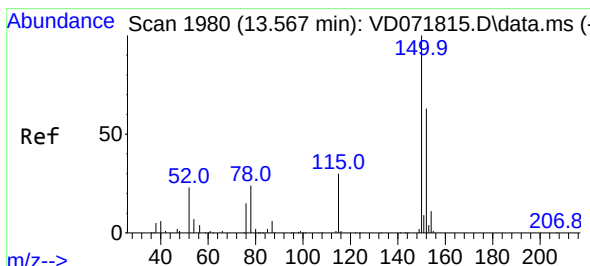
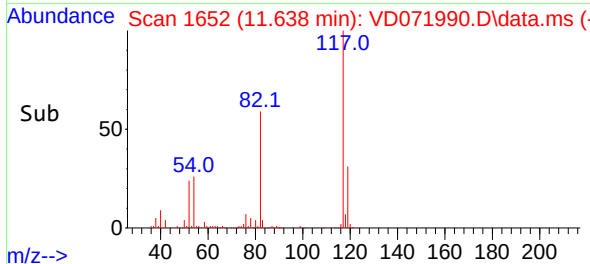
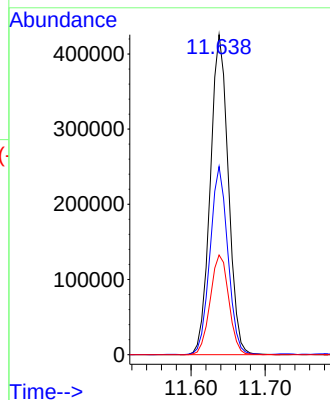
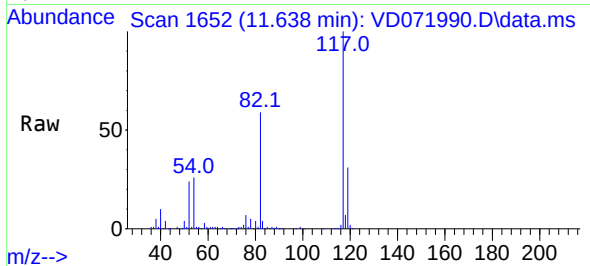




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071990.D
Acq: 16 Feb 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :
SB-1-(1-1.5)

Tgt Ion:117 Resp: 719510
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 31.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071990.D
Acq: 16 Feb 2022 14:13

Tgt Ion:152 Resp: 297800
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 155.0 0.0 348.6

