

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072658.D
 Acq On : 20 Apr 2022 20:24
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Apr 21 01:56:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

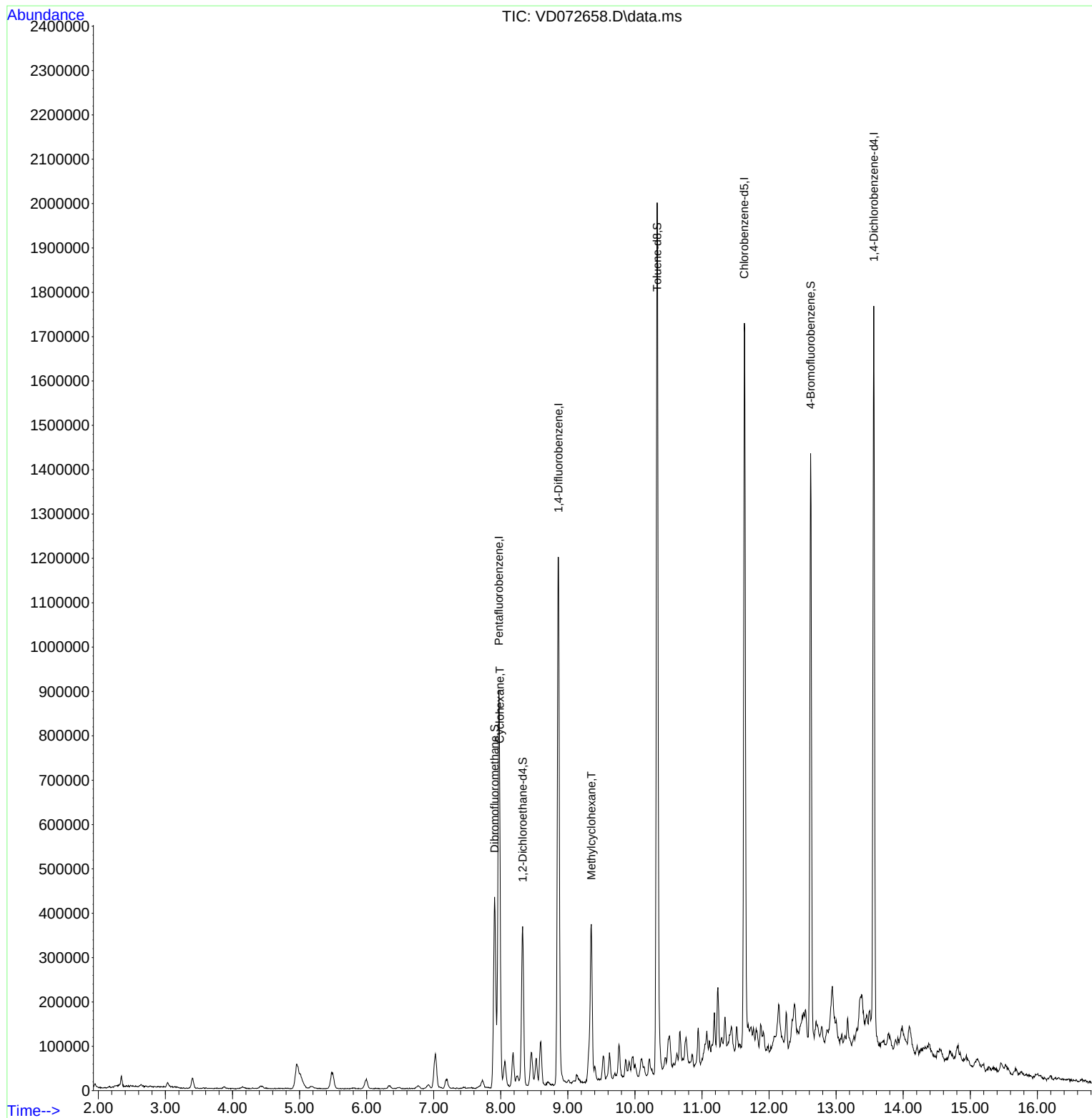
Internal Standards						
1) Pentafluorobenzene	7.973	168	590563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1037111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	978919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	444900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	289198	40.481	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.960%		
35) Dibromofluoromethane	7.908	113	308131	38.230	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	76.460%		
50) Toluene-d8	10.332	98	1275143	45.514	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.020%		
62) 4-Bromofluorobenzene	12.620	95	458395	41.895	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.780%		
Target Compounds						Qvalue
31) Cyclohexane	7.985	56	63020	6.746	ug/l #	82
39) Methylcyclohexane	9.349	83	151232	14.759	ug/l	98

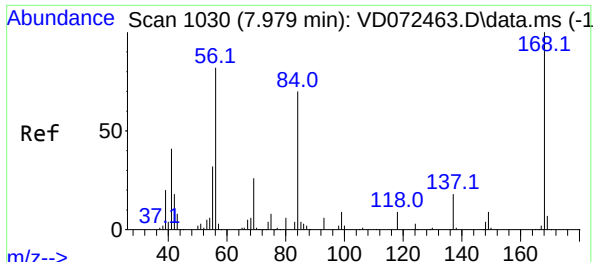
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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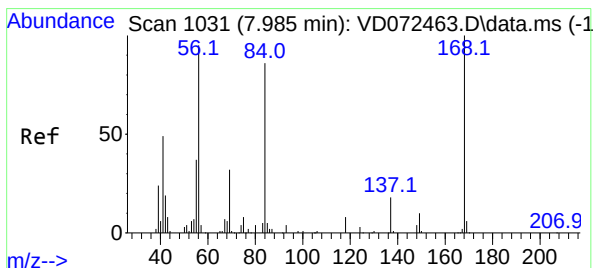
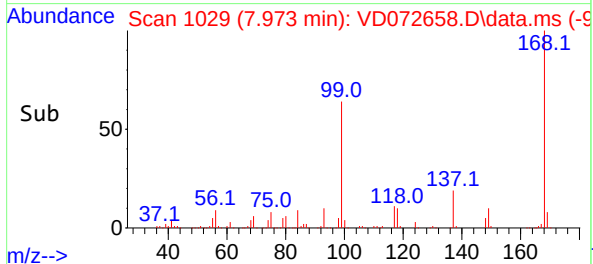
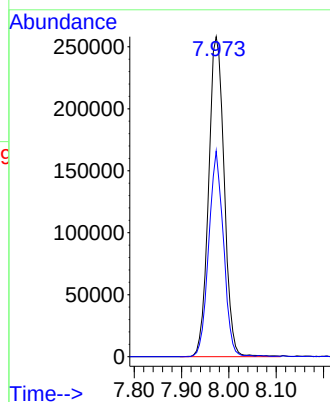
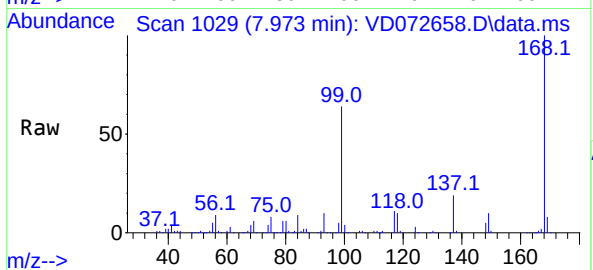




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072658.D
Acq: 20 Apr 2022 20:24

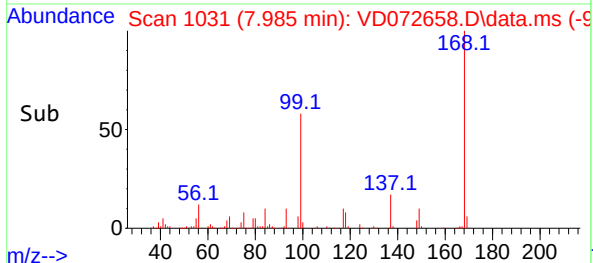
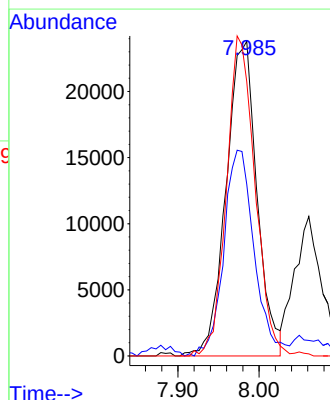
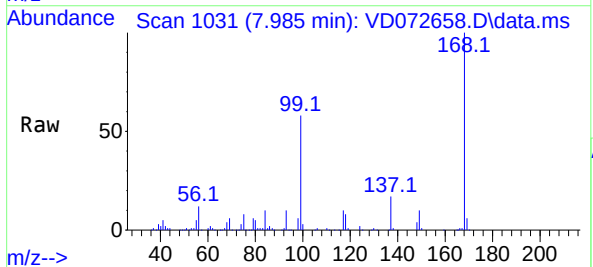
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

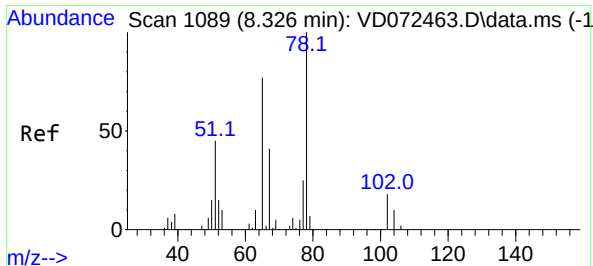
Tgt Ion:168 Resp: 590563
Ion Ratio Lower Upper
168 100
99 64.3 49.8 74.6



#31
Cyclohexane
Concen: 6.746 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD072658.D
Acq: 20 Apr 2022 20:24

Tgt Ion: 56 Resp: 63020
Ion Ratio Lower Upper
56 100
69 53.4 25.4 38.2#
84 87.2 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 40.481 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072658.D

Acq: 20 Apr 2022 20:24

Instrument :

MSVOA_D

ClientSampleId :

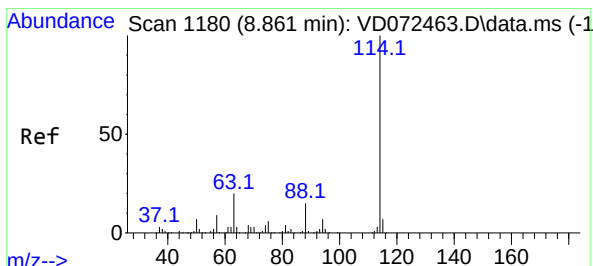
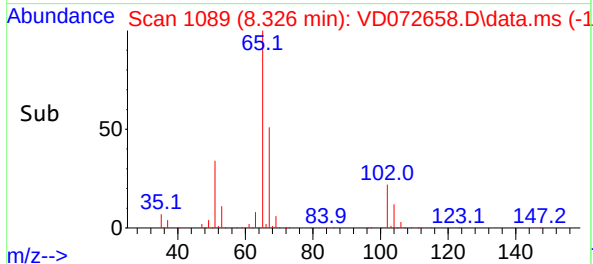
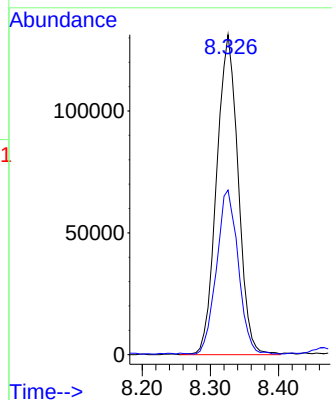
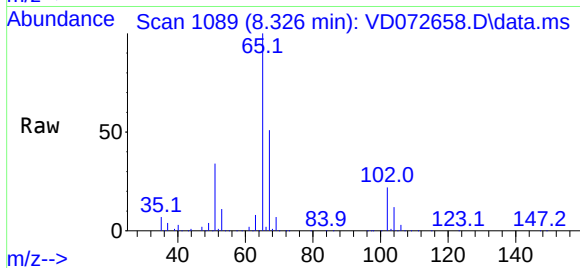
VIBLK

Tgt Ion: 65 Resp: 289198

Ion Ratio Lower Upper

65 100

67 51.3 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: VD072658.D

Acq: 20 Apr 2022 20:24

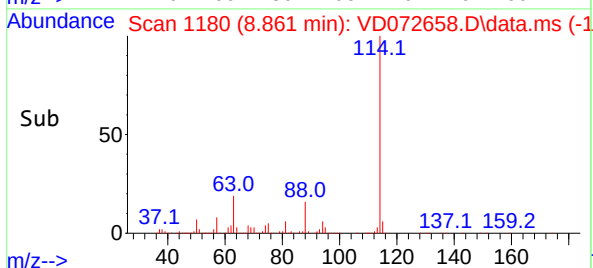
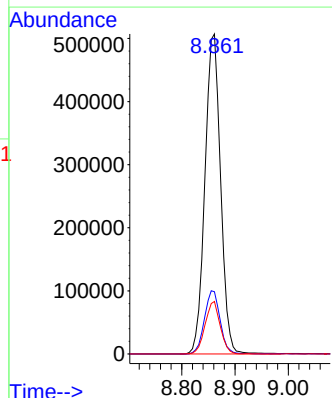
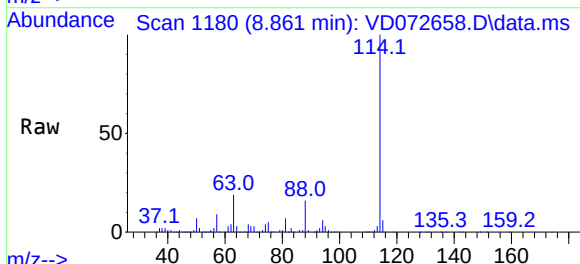
Tgt Ion:114 Resp: 1037111

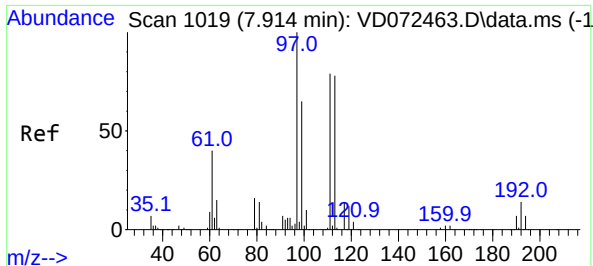
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 38.230 ug/l

RT: 7.908 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072658.D

Acq: 20 Apr 2022 20:24

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

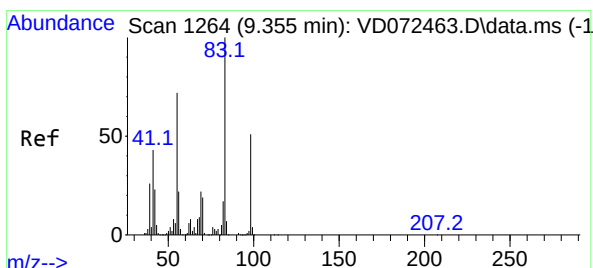
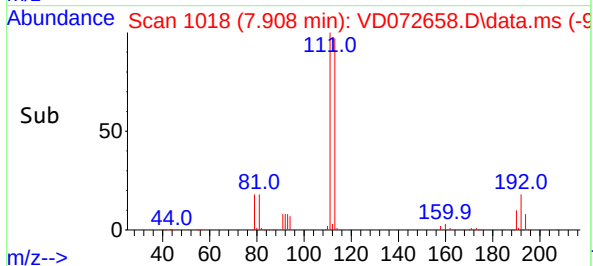
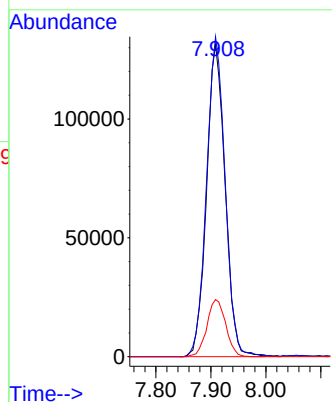
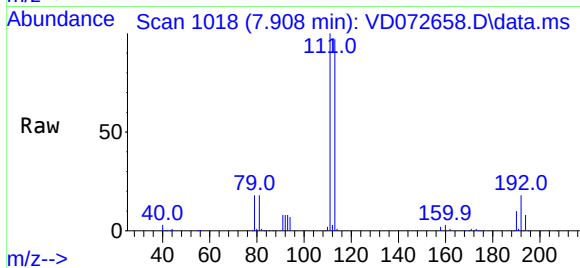
Tgt Ion:113 Resp: 308131

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.6 14.6 21.8



#39

Methylcyclohexane

Concen: 14.759 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD072658.D

Acq: 20 Apr 2022 20:24

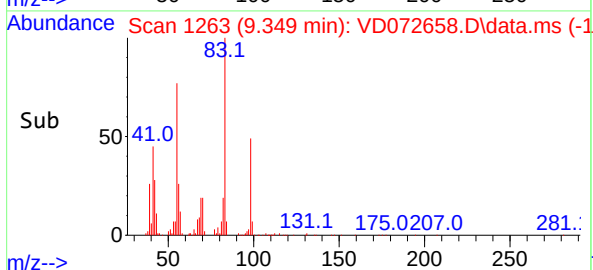
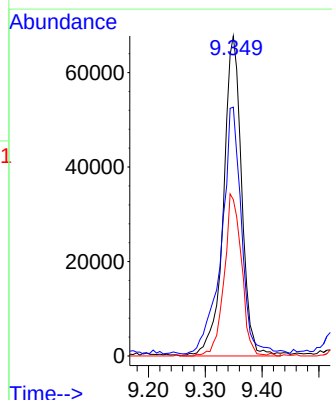
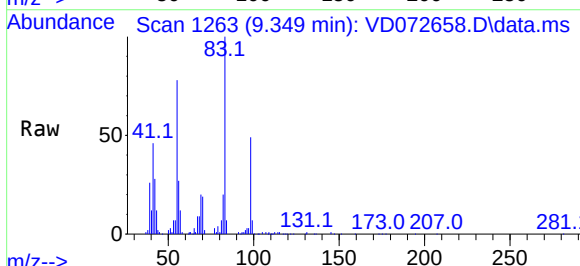
Tgt Ion: 83 Resp: 151232

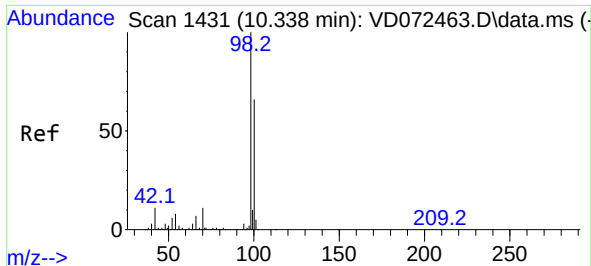
Ion Ratio Lower Upper

83 100

55 77.0 63.2 94.8

98 48.8 38.2 57.4

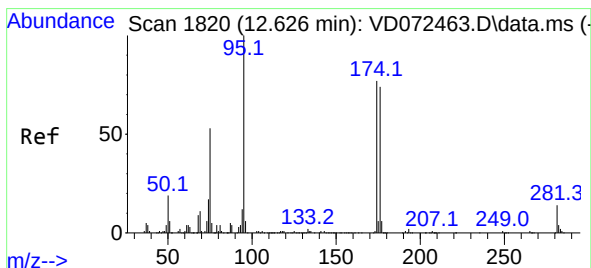
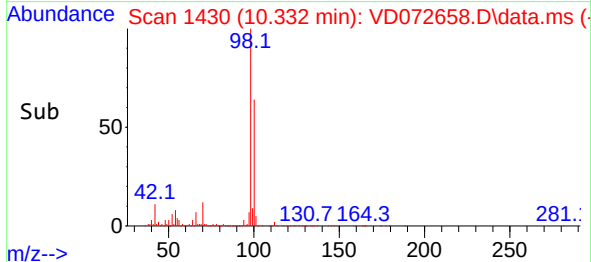
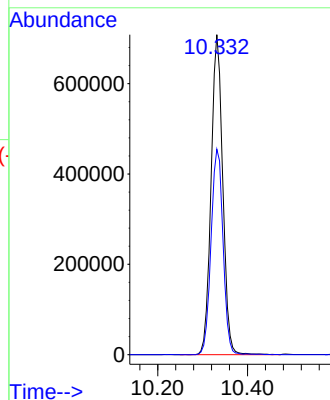
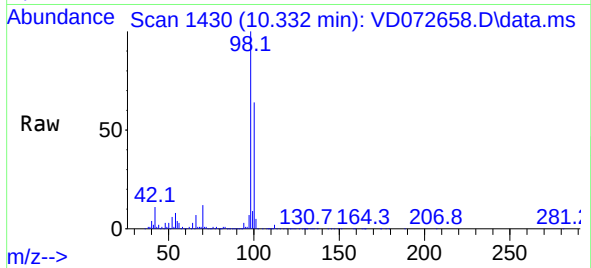




#50
Toluene-d8
Concen: 45.514 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072658.D
Acq: 20 Apr 2022 20:24

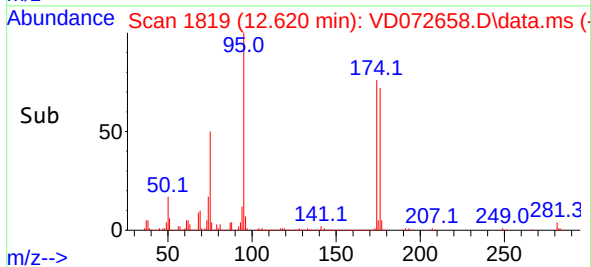
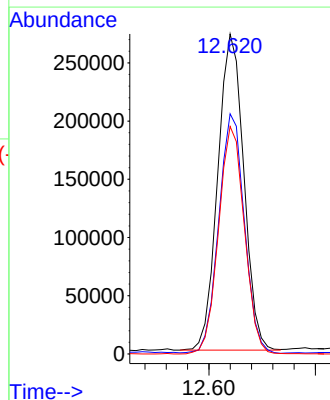
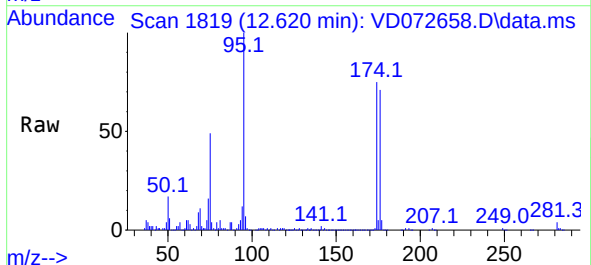
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

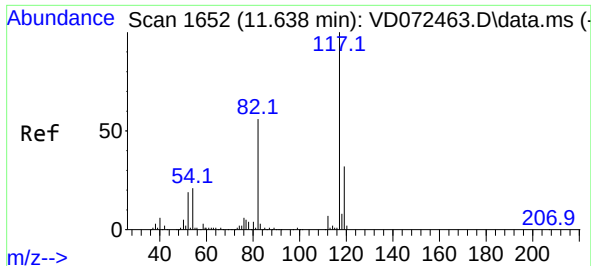
Tgt Ion: 98 Resp: 1275143
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.895 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072658.D
Acq: 20 Apr 2022 20:24

Tgt Ion: 95 Resp: 458395
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 71.6 0.0 145.4

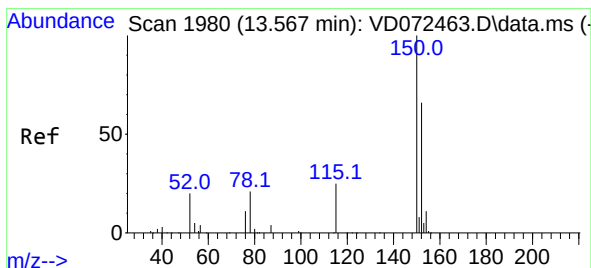
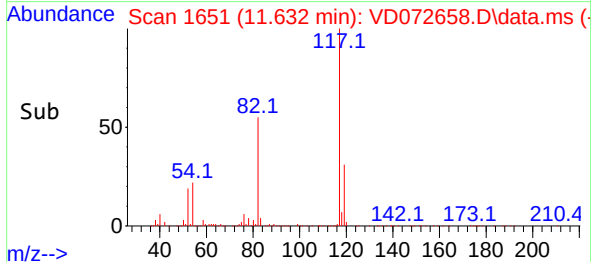
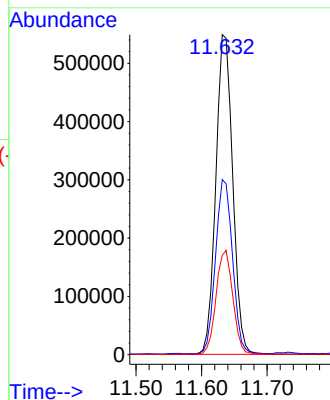
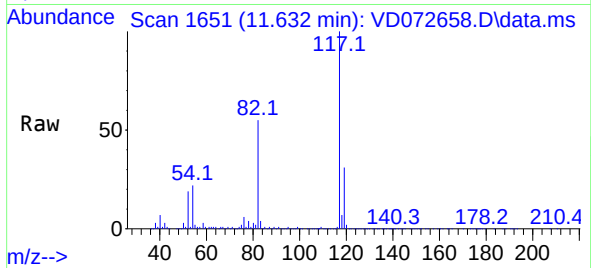




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072658.D
Acq: 20 Apr 2022 20:24

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 978919
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 31.0 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: VD072658.D
Acq: 20 Apr 2022 20:24

Tgt Ion:152 Resp: 444900
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 157.5 0.0 348.6

