

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072698.D
 Acq On : 22 Apr 2022 17:08
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Apr 22 23:47:40 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)

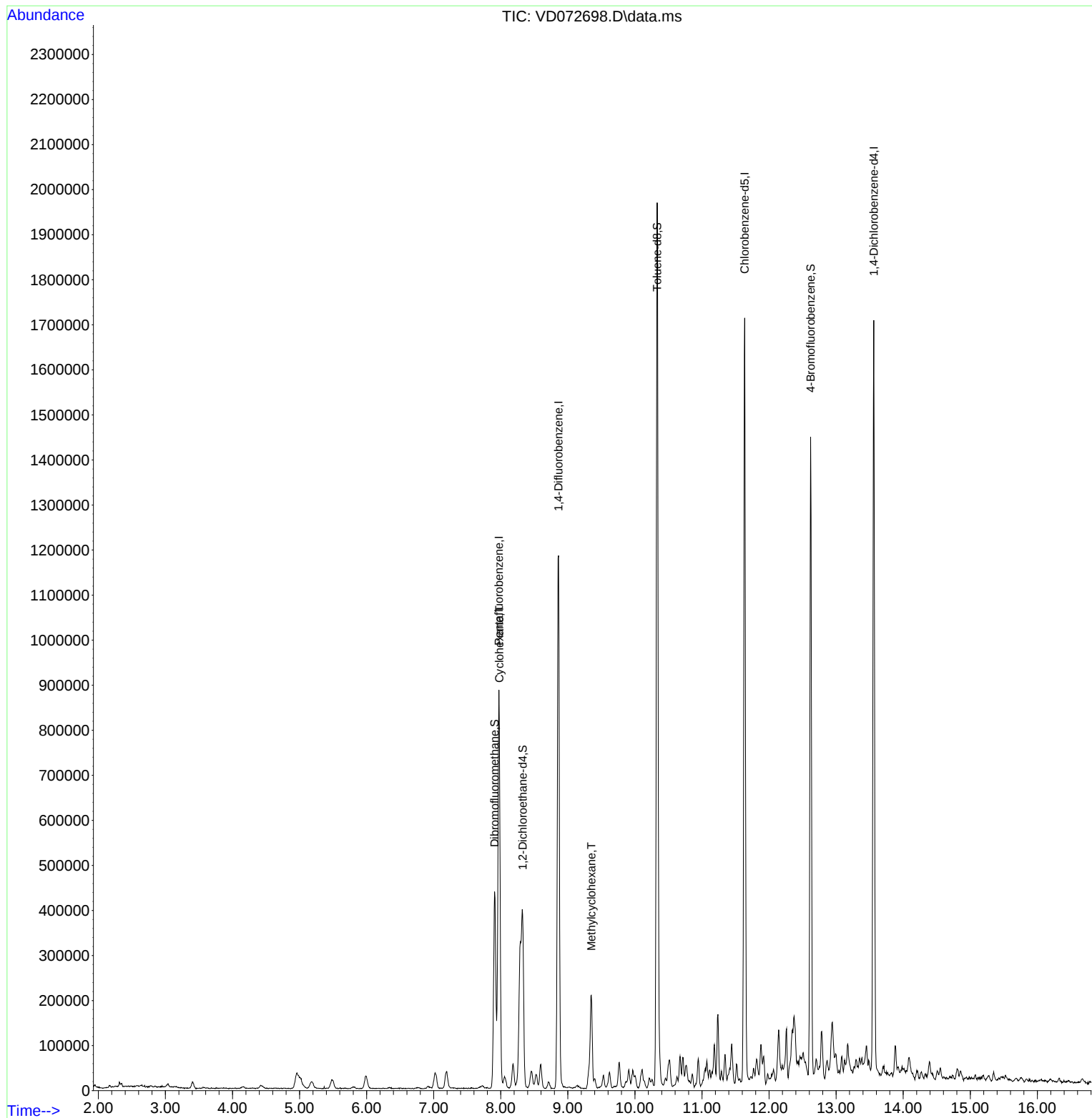
Internal Standards						
1) Pentafluorobenzene	7.973	168	597675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1049290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	972855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	446828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	296787	41.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.100%
35) Dibromofluoromethane	7.908	113	315312	38.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.340%
50) Toluene-d8	10.332	98	1264108	44.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.200%
62) 4-Bromofluorobenzene	12.620	95	453538	40.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.940%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.979	56	38776	4.102	ug/l #	63
39) Methylcyclohexane	9.350	83	86251	9.575	ug/l	94

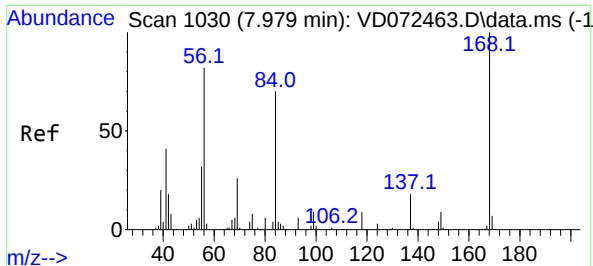
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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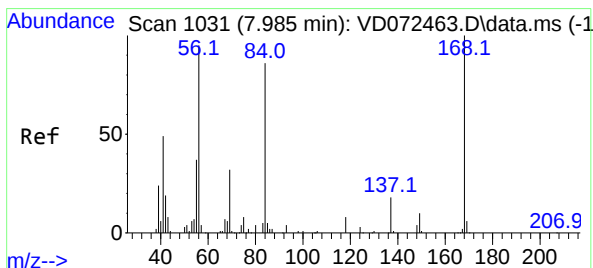
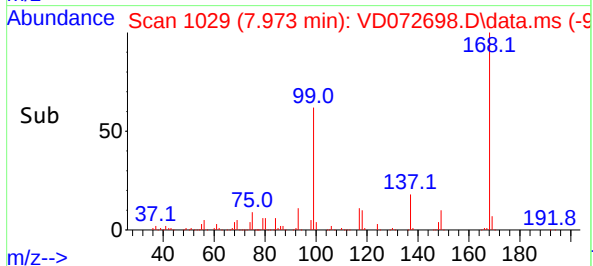
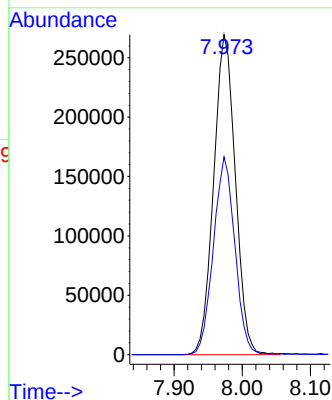
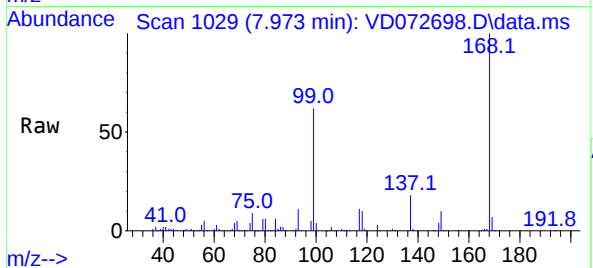




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072698.D
Acq: 22 Apr 2022 17:08

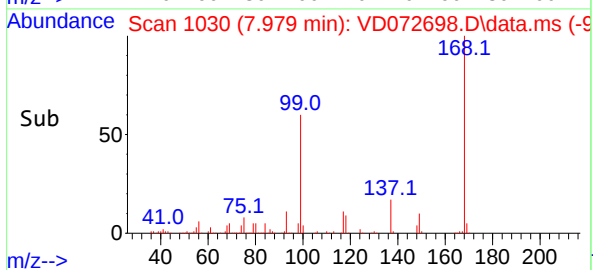
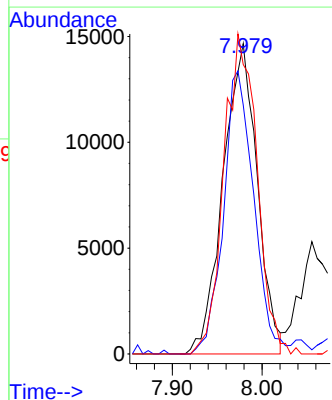
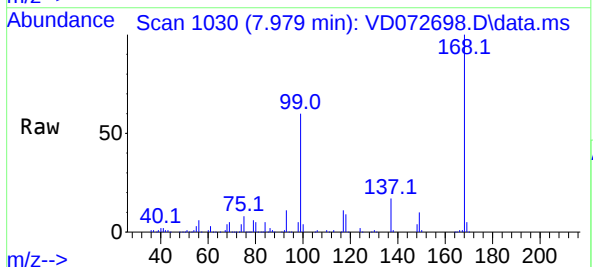
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

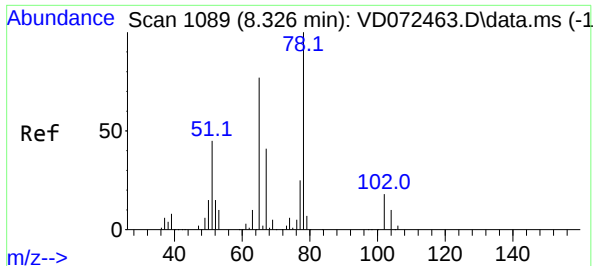
Tgt Ion:168 Resp: 597675
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#31
Cyclohexane
Concen: 4.102 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072698.D
Acq: 22 Apr 2022 17:08

Tgt Ion: 56 Resp: 38776
Ion Ratio Lower Upper
56 100
69 80.2 25.4 38.2#
84 93.3 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 41.049 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072698.D

Acq: 22 Apr 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

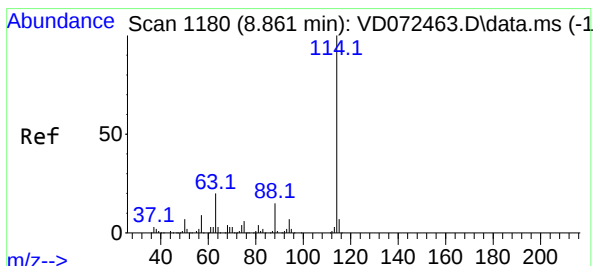
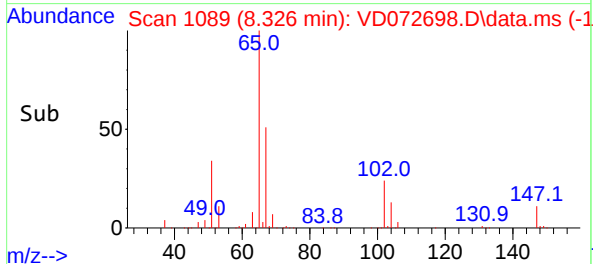
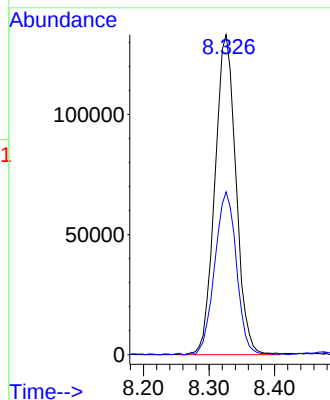
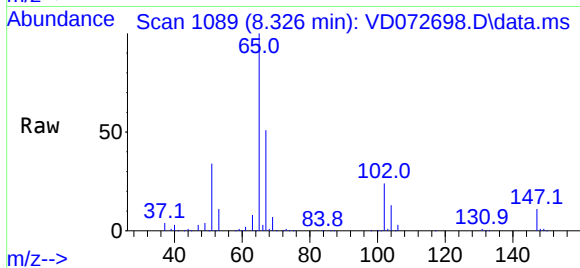
VIBLK

Tgt Ion: 65 Resp: 296787

Ion Ratio Lower Upper

65 100

67 52.5 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: VD072698.D

Acq: 22 Apr 2022 17:08

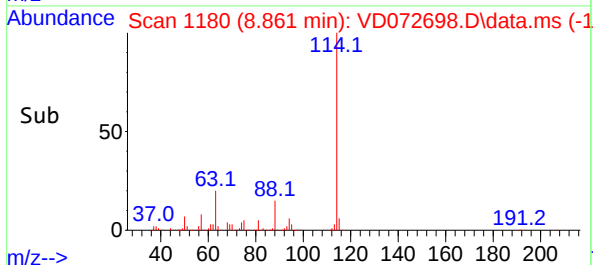
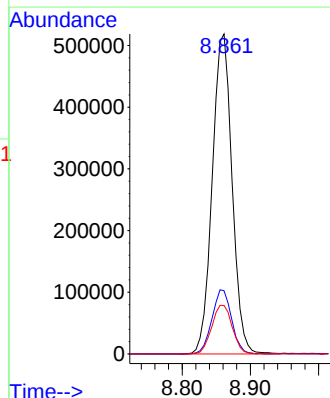
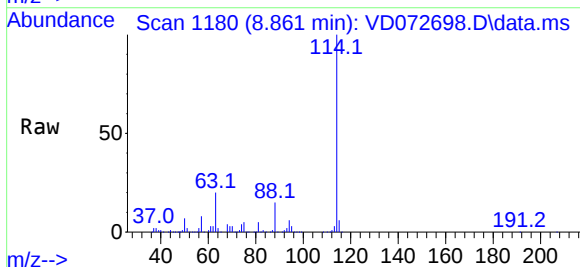
Tgt Ion: 114 Resp: 1049290

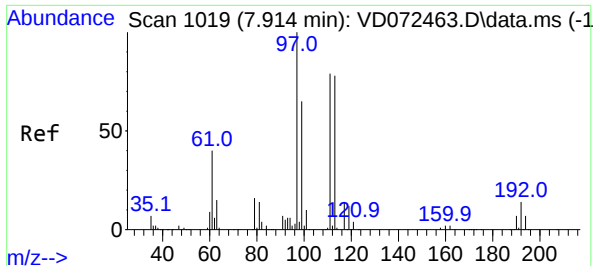
Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 38.667 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072698.D

Acq: 22 Apr 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

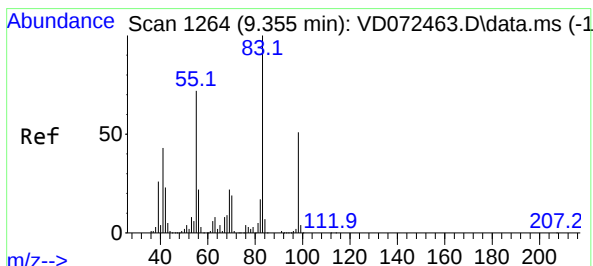
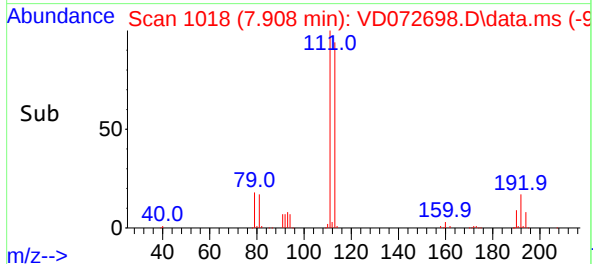
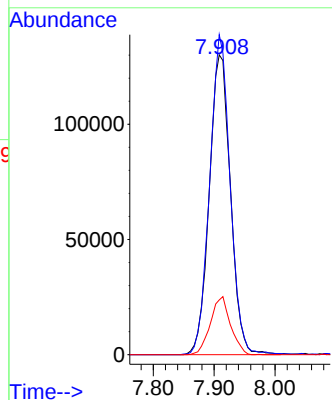
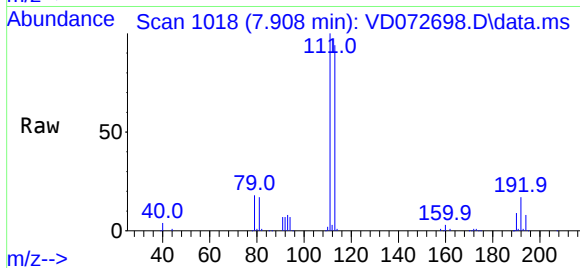
Tgt Ion:113 Resp: 315312

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.4 14.6 21.8



#39

Methylcyclohexane

Concen: 9.575 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.005 min

Lab File: VD072698.D

Acq: 22 Apr 2022 17:08

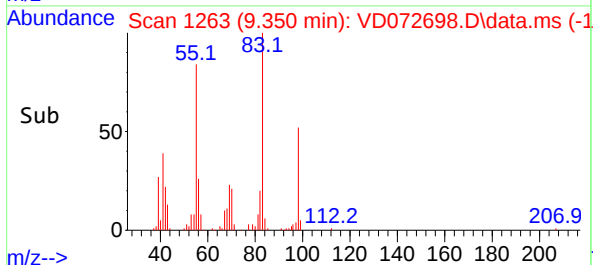
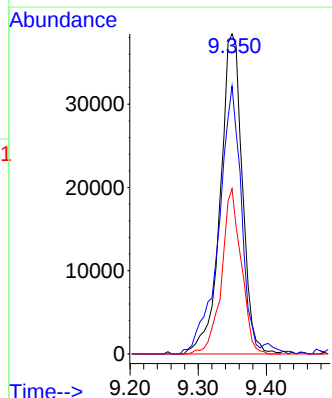
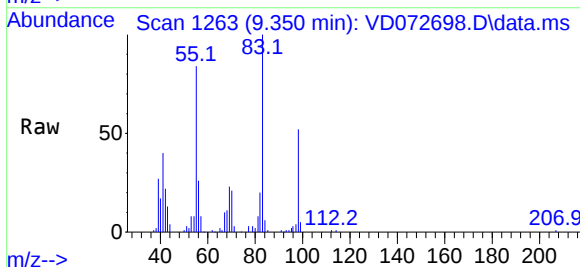
Tgt Ion: 83 Resp: 86251

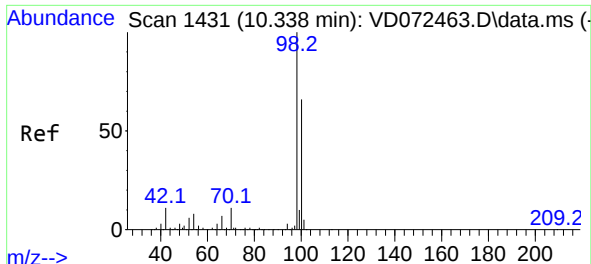
Ion Ratio Lower Upper

83 100

55 83.7 63.2 94.8

98 51.7 38.2 57.4

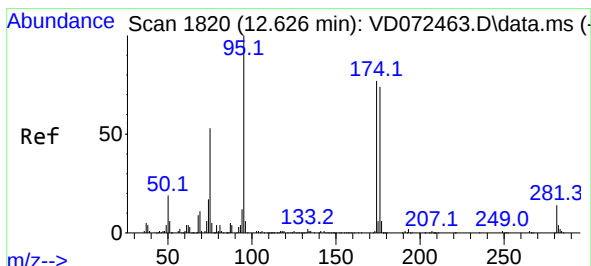
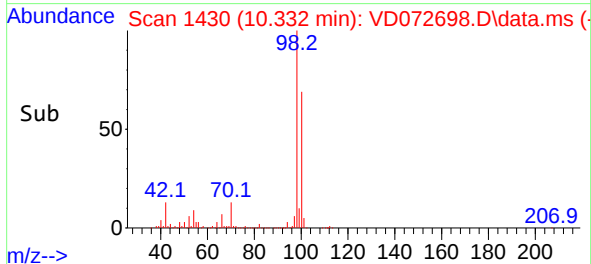
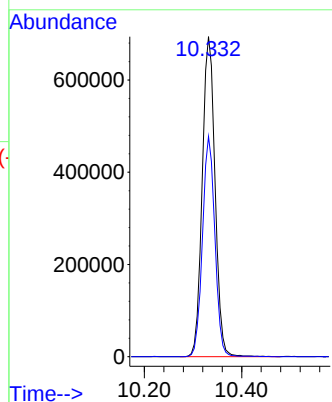
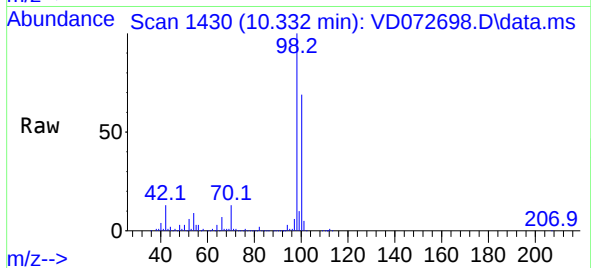




#50
Toluene-d8
Concen: 44.597 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072698.D
Acq: 22 Apr 2022 17:08

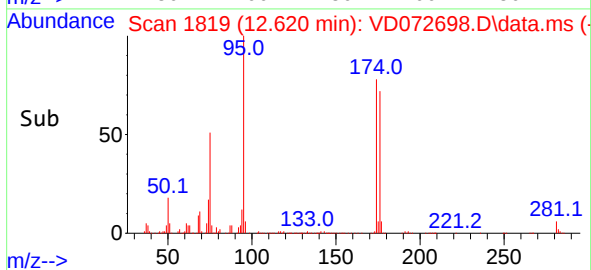
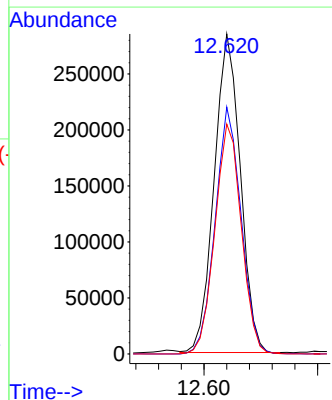
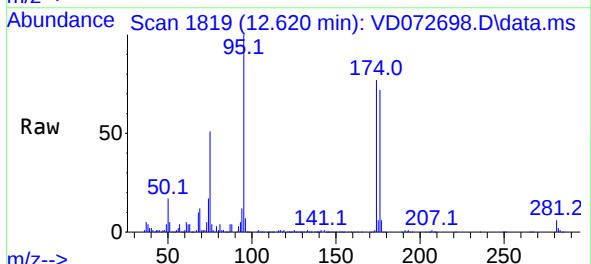
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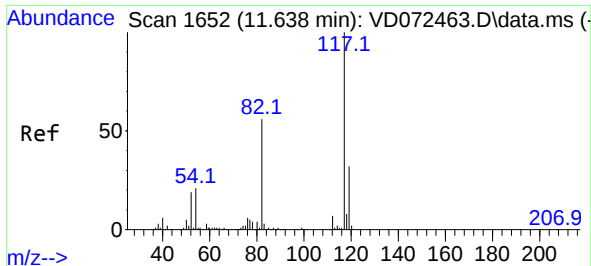
Tgt Ion: 98 Resp: 1264108
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.970 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072698.D
Acq: 22 Apr 2022 17:08

Tgt Ion: 95 Resp: 453538
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 73.2 0.0 145.4

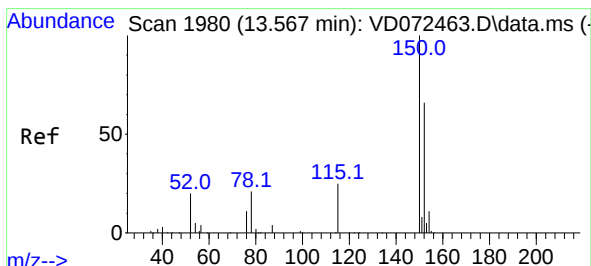
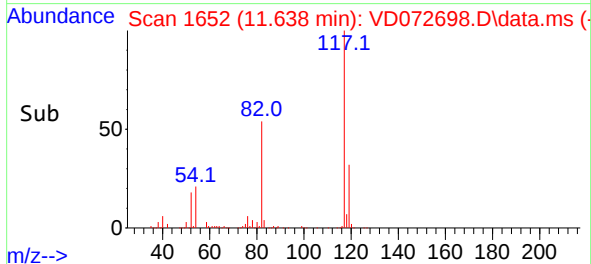
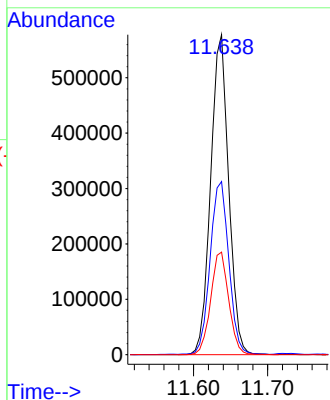
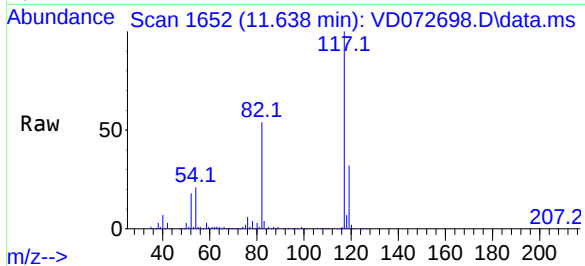




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072698.D
Acq: 22 Apr 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 972855
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 32.0 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: VD072698.D
Acq: 22 Apr 2022 17:08

Tgt Ion:152 Resp: 446828
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 157.9 0.0 348.6

