

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072540.D
 Acq On : 05 Apr 2022 17:39
 Operator : VA/SY
 Sample : N2252-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-040422

Quant Time: Apr 06 01:14:48 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)

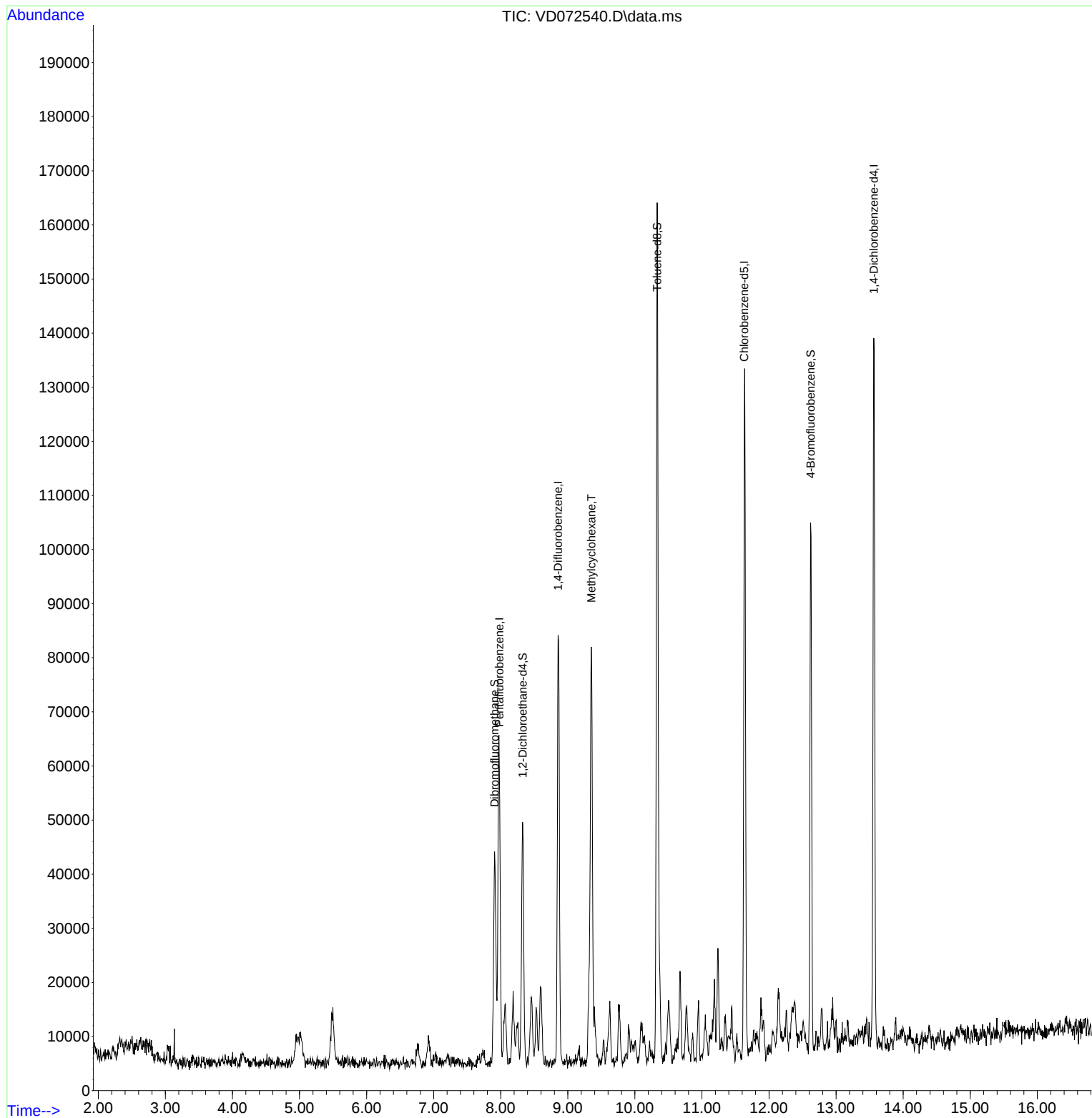
Internal Standards						
1) Pentafluorobenzene	7.979	168	39363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	69411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	74186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	36594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	36098	75.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.620%	
35) Dibromofluoromethane	7.908	113	27744	51.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.332	98	89264	47.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	12.620	95	34527	47.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.300%	
Target Compounds						Qvalue
39) Methylcyclohexane	9.350	83	29846	37.915	ug/l	92

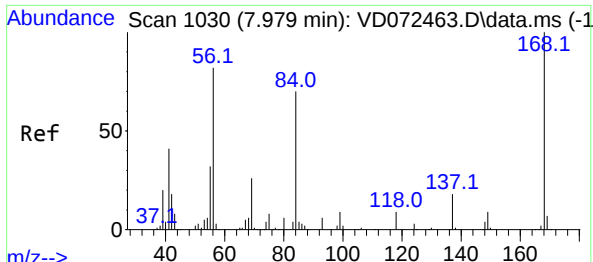
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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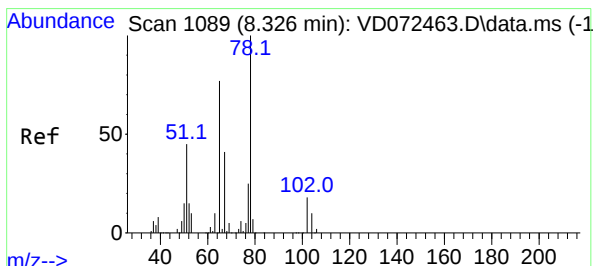
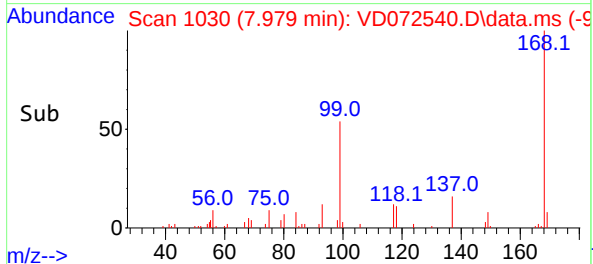
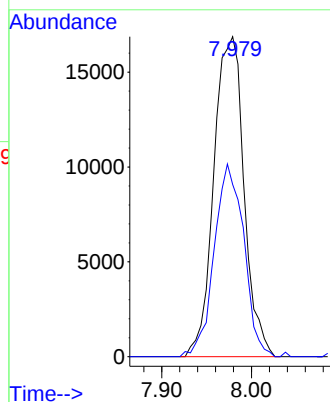
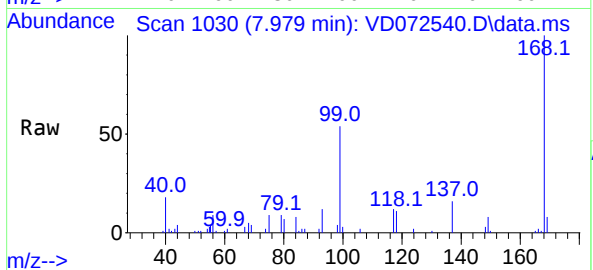




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072540.D
Acq: 05 Apr 2022 17:39

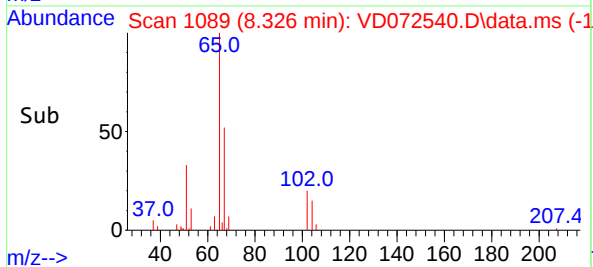
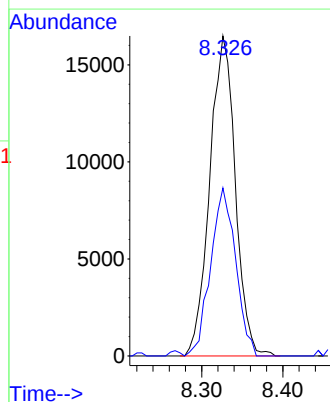
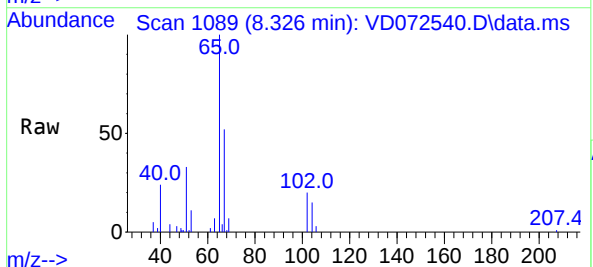
Instrument :
MSVOA_D
ClientSampleId :
OK-01-040422

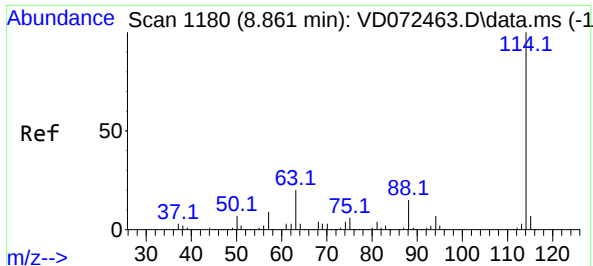
Tgt Ion:168 Resp: 39363
Ion Ratio Lower Upper
168 100
99 53.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 75.809 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072540.D
Acq: 05 Apr 2022 17:39

Tgt Ion: 65 Resp: 36098
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072540.D

Acq: 05 Apr 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

OK-01-040422

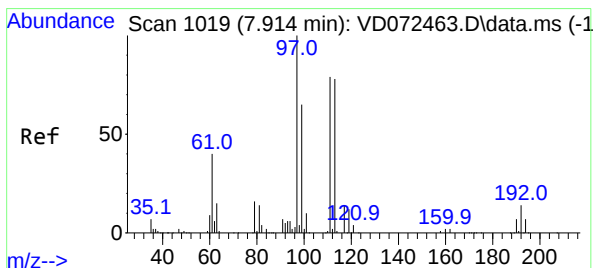
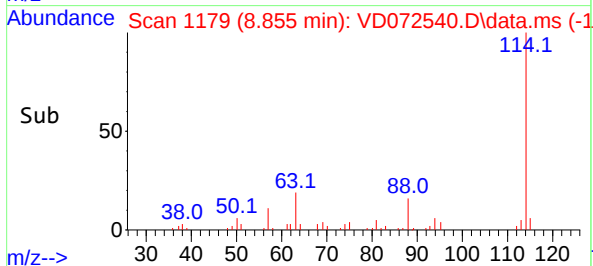
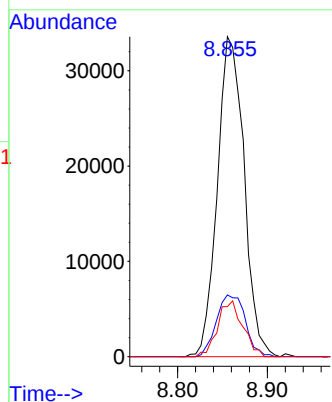
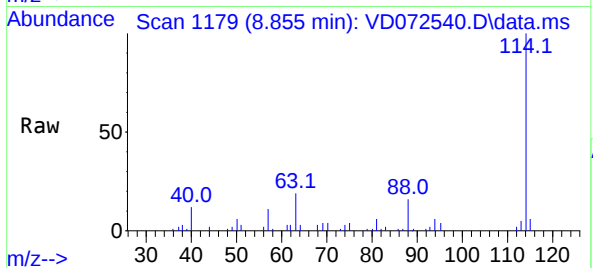
Tgt Ion:114 Resp: 69411

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.433 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072540.D

Acq: 05 Apr 2022 17:39

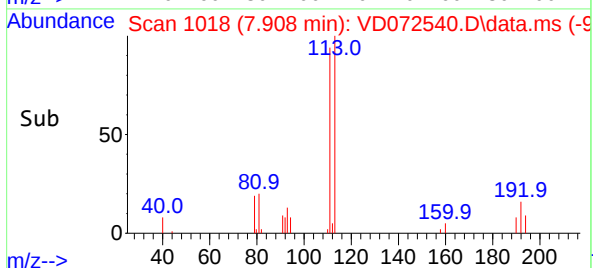
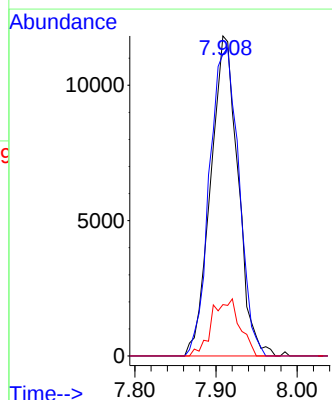
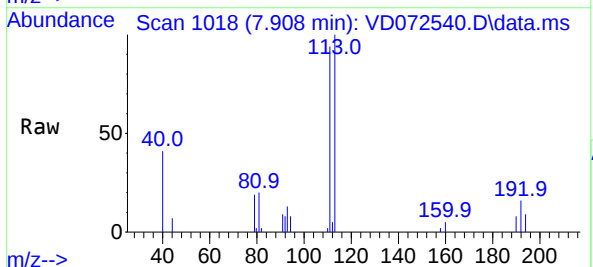
Tgt Ion:113 Resp: 27744

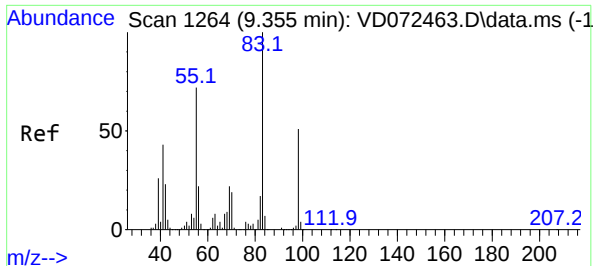
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.2 14.6 21.8





#39

Methylcyclohexane

Concen: 37.915 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072540.D

Acq: 05 Apr 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

OK-01-040422

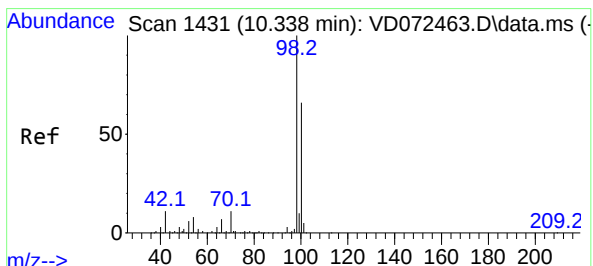
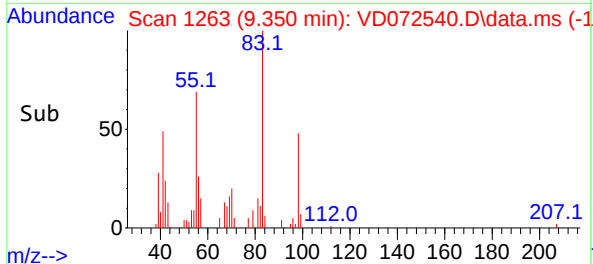
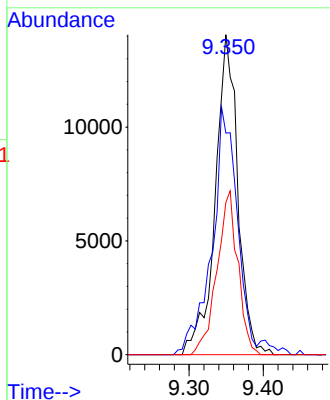
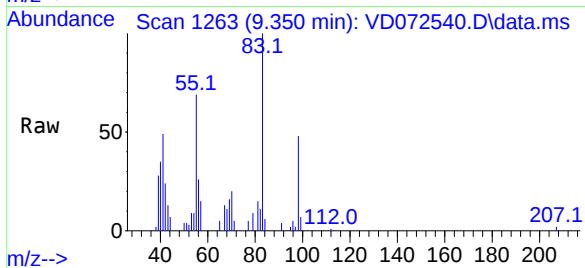
Tgt Ion: 83 Resp: 29846

Ion Ratio Lower Upper

83 100

55 67.9 63.2 94.8

98 47.6 38.2 57.4



#50

Toluene-d8

Concen: 47.606 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072540.D

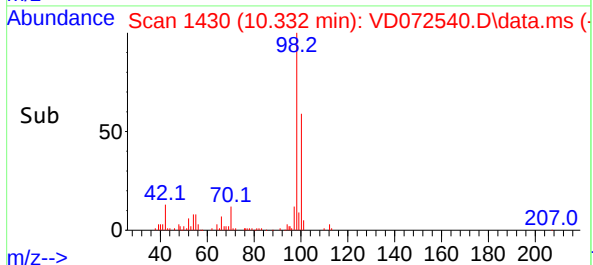
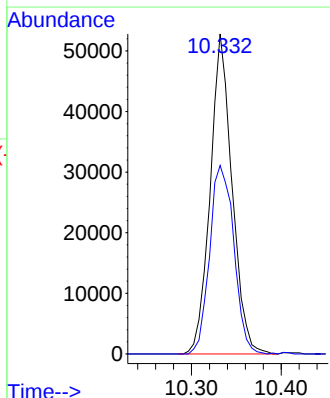
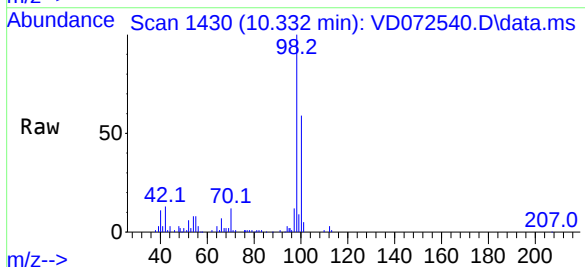
Acq: 05 Apr 2022 17:39

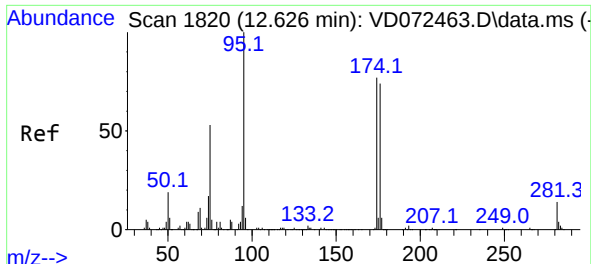
Tgt Ion: 98 Resp: 89264

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



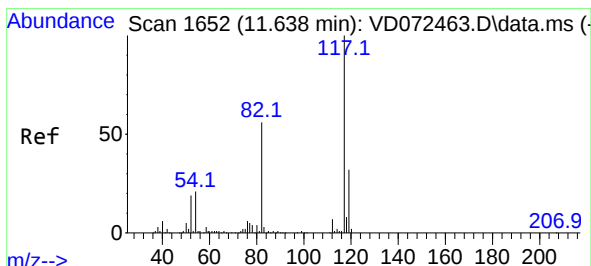
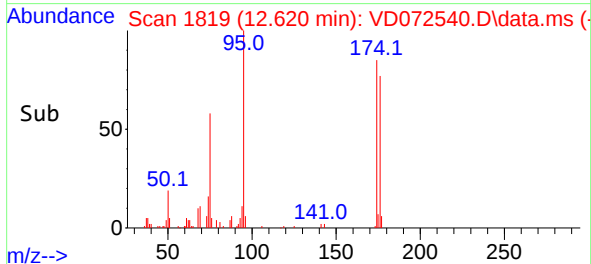
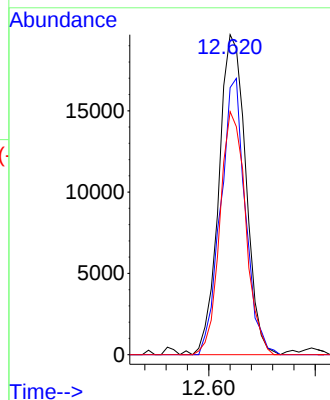
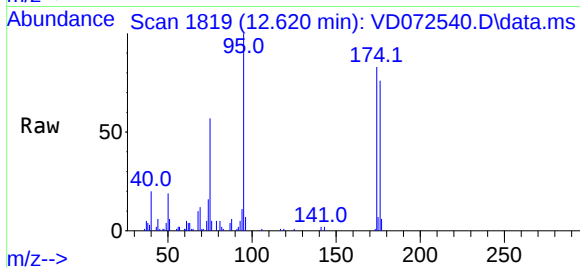


#62
4-Bromofluorobenzene
Concen: 47.149 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072540.D
Acq: 05 Apr 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
OK-01-040422

Tgt Ion: 95 Resp: 34527

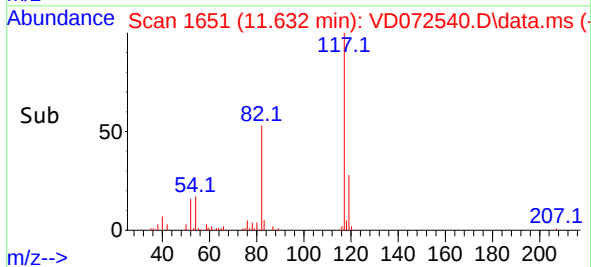
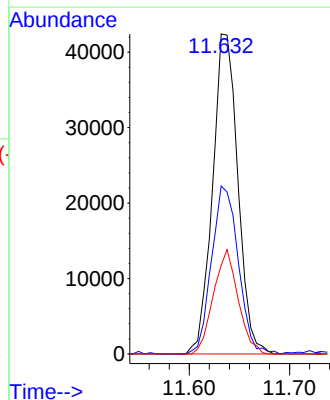
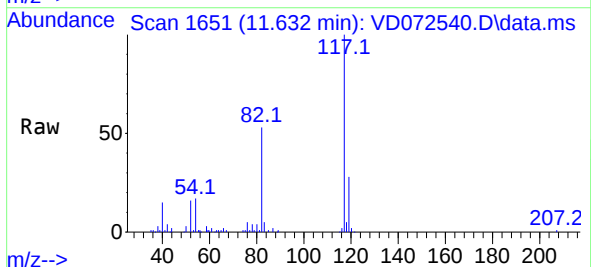
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	152.8
176	72.6	0.0	145.4

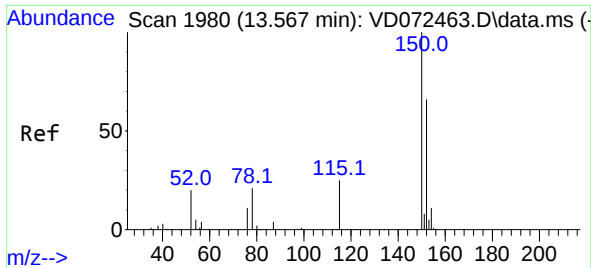


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072540.D
Acq: 05 Apr 2022 17:39

Tgt Ion: 117 Resp: 74186

Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.3	67.9
119	27.7	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 19

Delta R.T. -0.006 min

Lab File: VD072540.D

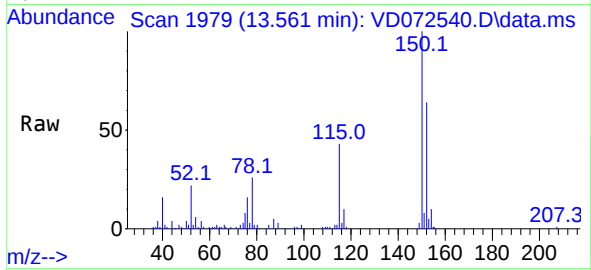
Acq: 05 Apr 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

OK-01-040422



Tgt Ion:152 Resp: 36594

Ion Ratio Lower Upper

152 100

115 58.8 31.3 93.8

150 157.2 0.0 348.6

