

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072222.D
 Acq On : 16 Mar 2022 17:02
 Operator : VA/SY
 Sample : N1914-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Mar 16 17:15:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

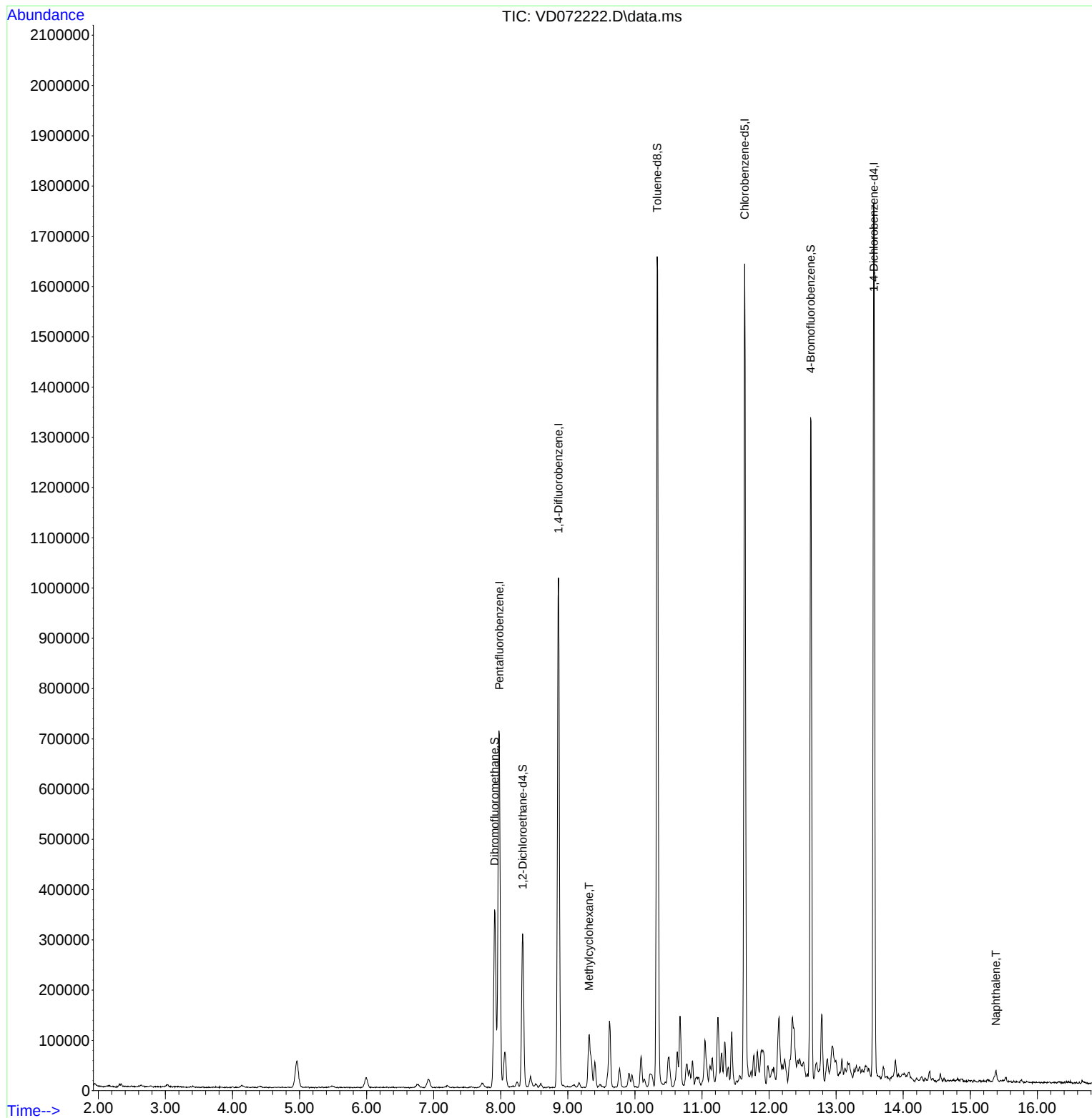
Internal Standards						
1) Pentafluorobenzene	7.979	168	533810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	877330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	937675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	461336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244605	41.117	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.240%		
35) Dibromofluoromethane	7.908	113	257911	41.775	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.540%		
50) Toluene-d8	10.332	98	1105414	48.967	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.940%		
62) 4-Bromofluorobenzene	12.620	95	470382	53.626	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.260%		
Target Compounds						
39) Methylcyclohexane	9.314	83	22567m	2.315	ug/l	
95) Naphthalene	15.384	128	17871	1.041	ug/l	99

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

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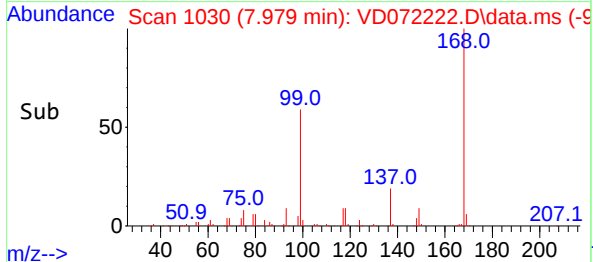
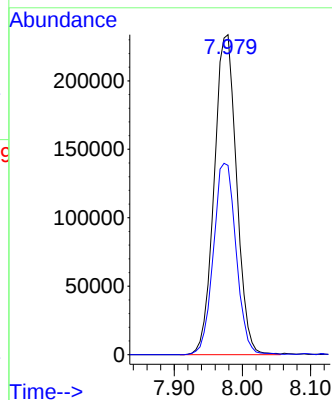
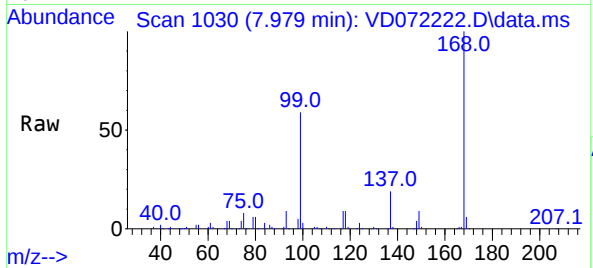




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072222.D
Acq: 16 Mar 2022 17:02

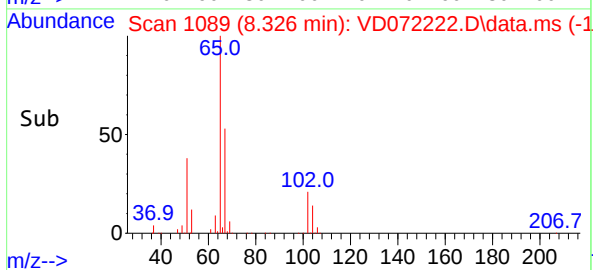
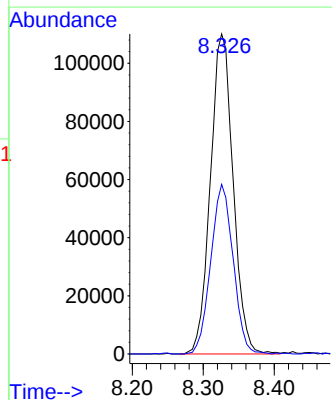
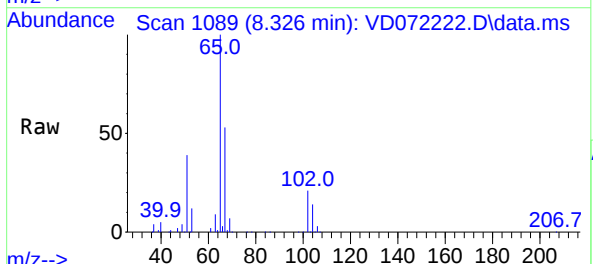
Instrument :
MSVOA_D
ClientSampleId :
TP-2

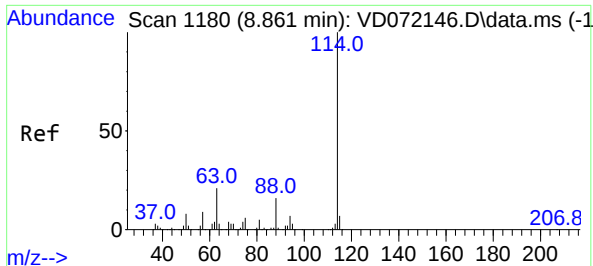
Tgt Ion:168 Resp: 533810
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 41.117 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072222.D
Acq: 16 Mar 2022 17:02

Tgt Ion: 65 Resp: 244605
Ion Ratio Lower Upper
65 100
67 52.1 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: VD072222.D

Acq: 16 Mar 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

TP-2

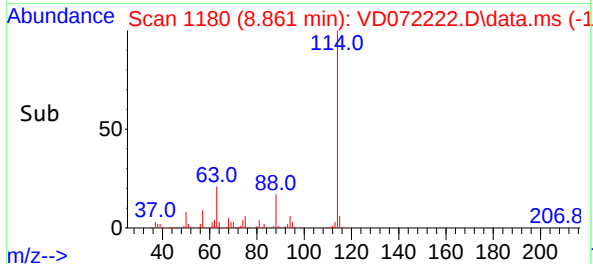
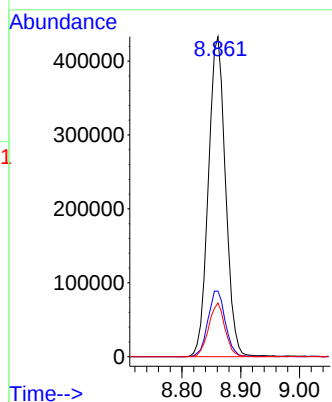
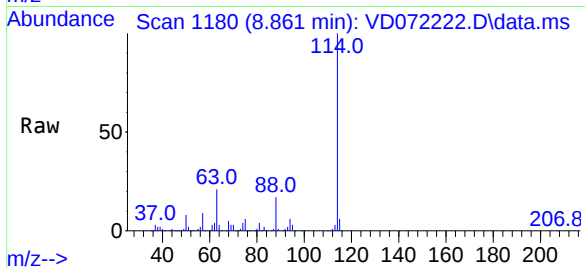
Tgt Ion:114 Resp: 877330

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.775 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072222.D

Acq: 16 Mar 2022 17:02

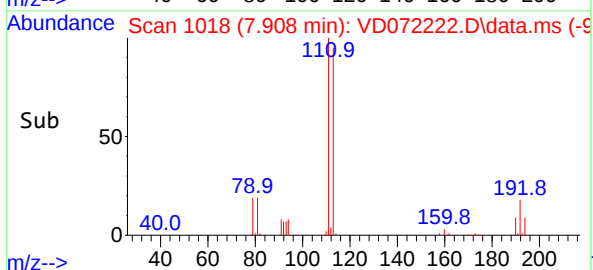
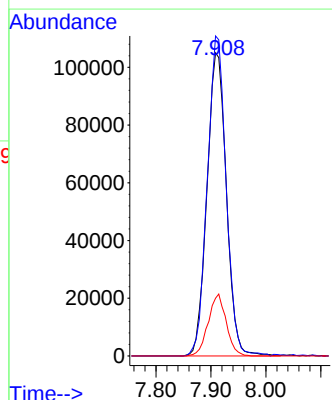
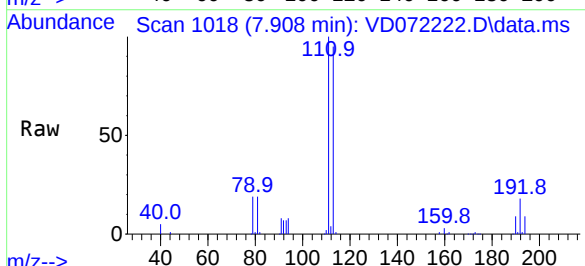
Tgt Ion:113 Resp: 257911

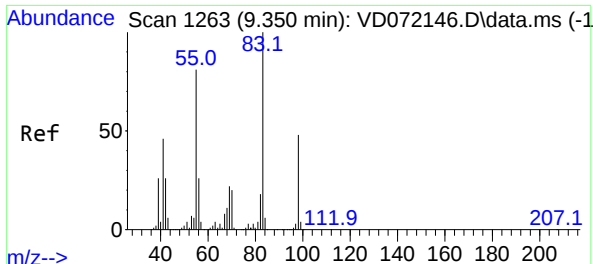
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 18.9 14.6 21.8





#39

Methylcyclohexane

Concen: 2.315 ug/l m

RT: 9.314 min Scan# 11

Delta R.T. -0.035 min

Lab File: VD072222.D

Acq: 16 Mar 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

TP-2

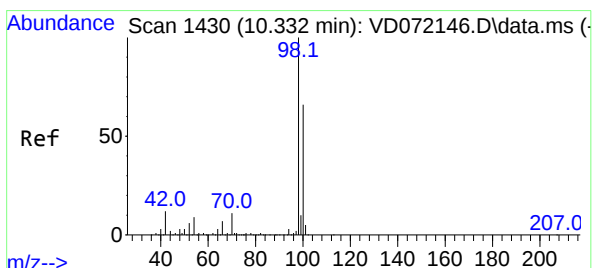
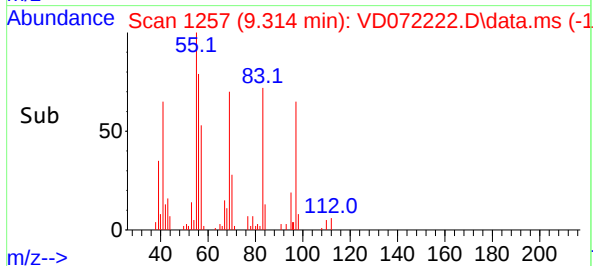
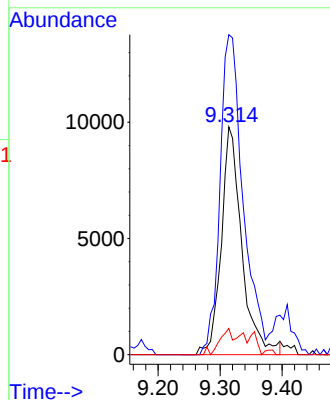
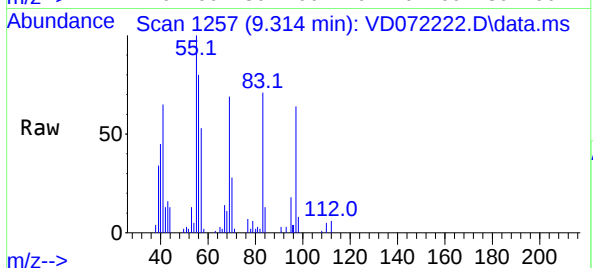
Tgt Ion: 83 Resp: 22567

Ion Ratio Lower Upper

83 100

55 140.4 63.2 94.8#

98 11.5 38.2 57.4#



#50

Toluene-d8

Concen: 48.967 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072222.D

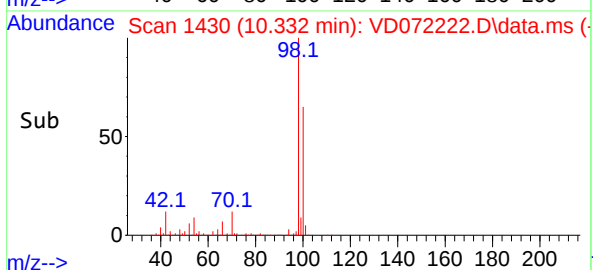
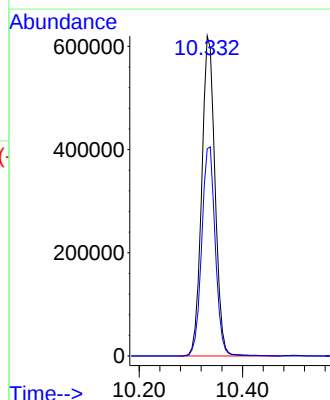
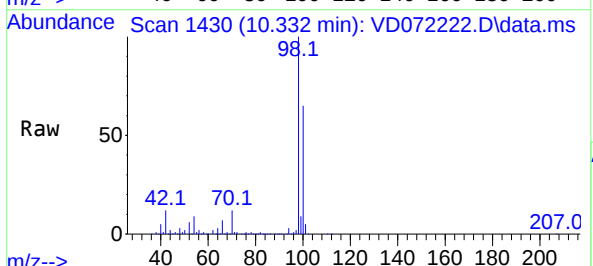
Acq: 16 Mar 2022 17:02

Tgt Ion: 98 Resp: 1105414

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

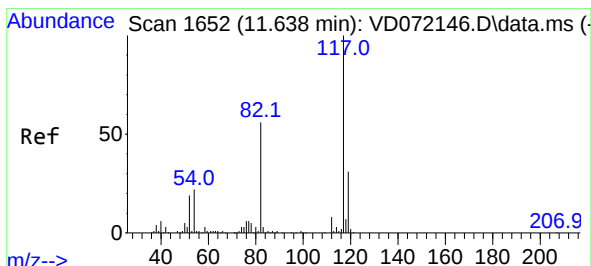
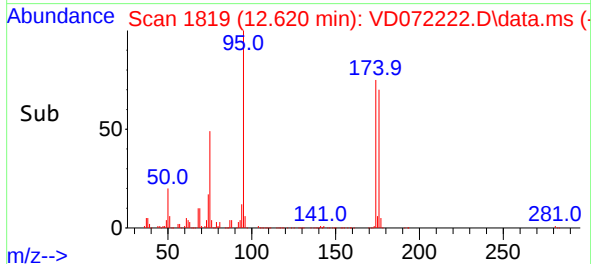
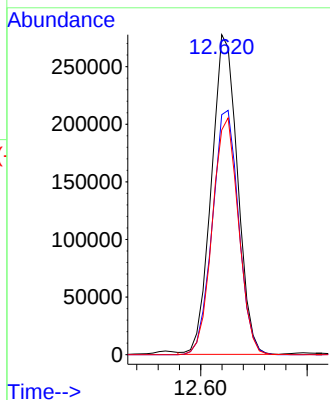
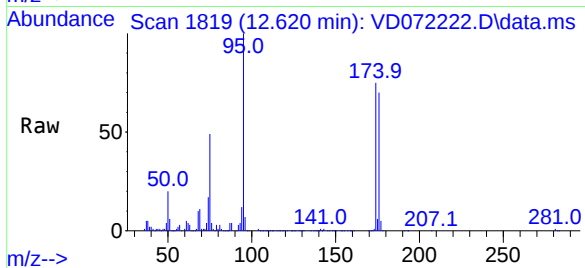




#62
4-Bromofluorobenzene
Concen: 53.626 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072222.D
Acq: 16 Mar 2022 17:02

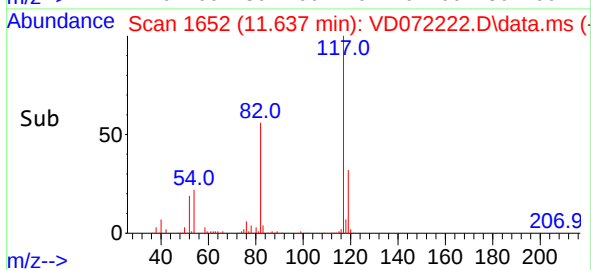
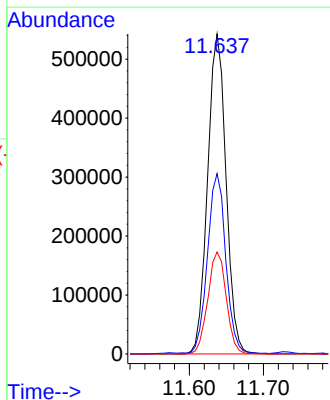
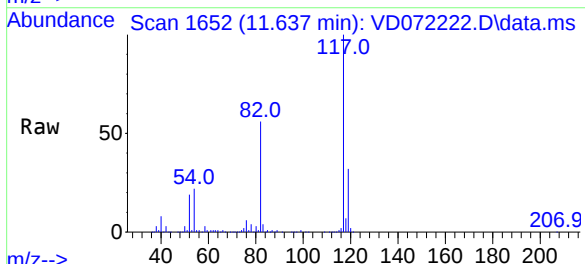
Instrument :
MSVOA_D
ClientSampleId :
TP-2

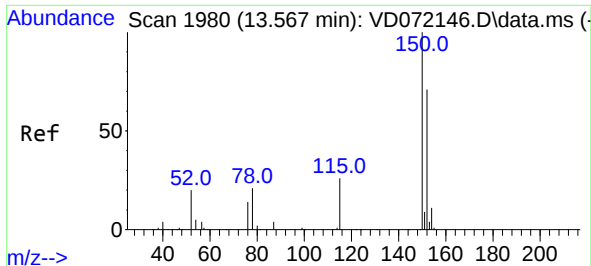
Tgt Ion: 95 Resp: 470382
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072222.D
Acq: 16 Mar 2022 17:02

Tgt Ion: 117 Resp: 937675
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 31.8 26.6 40.0

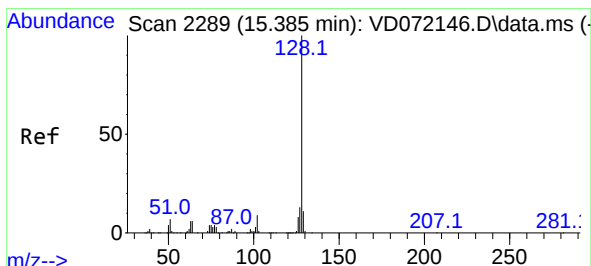
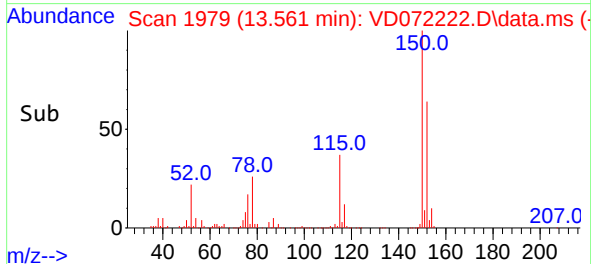
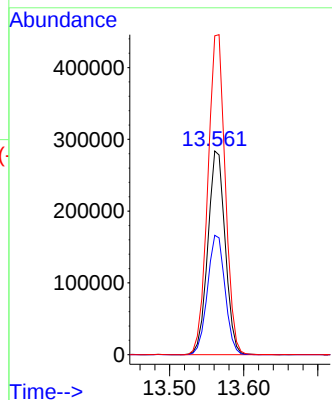
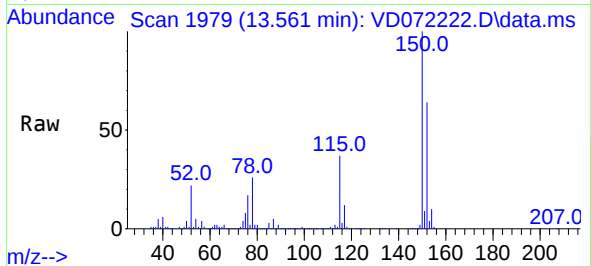




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072222.D
Acq: 16 Mar 2022 17:02

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 461336
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 157.9 0.0 348.6



#95
Naphthalene
Concen: 1.041 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072222.D
Acq: 16 Mar 2022 17:02

Tgt Ion:128 Resp: 17871
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.3 8.4 12.6

