

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072691.D
 Acq On : 22 Apr 2022 13:49
 Operator : VA/SY
 Sample : N2525-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-042122

Quant Time: Apr 22 23:45:03 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)

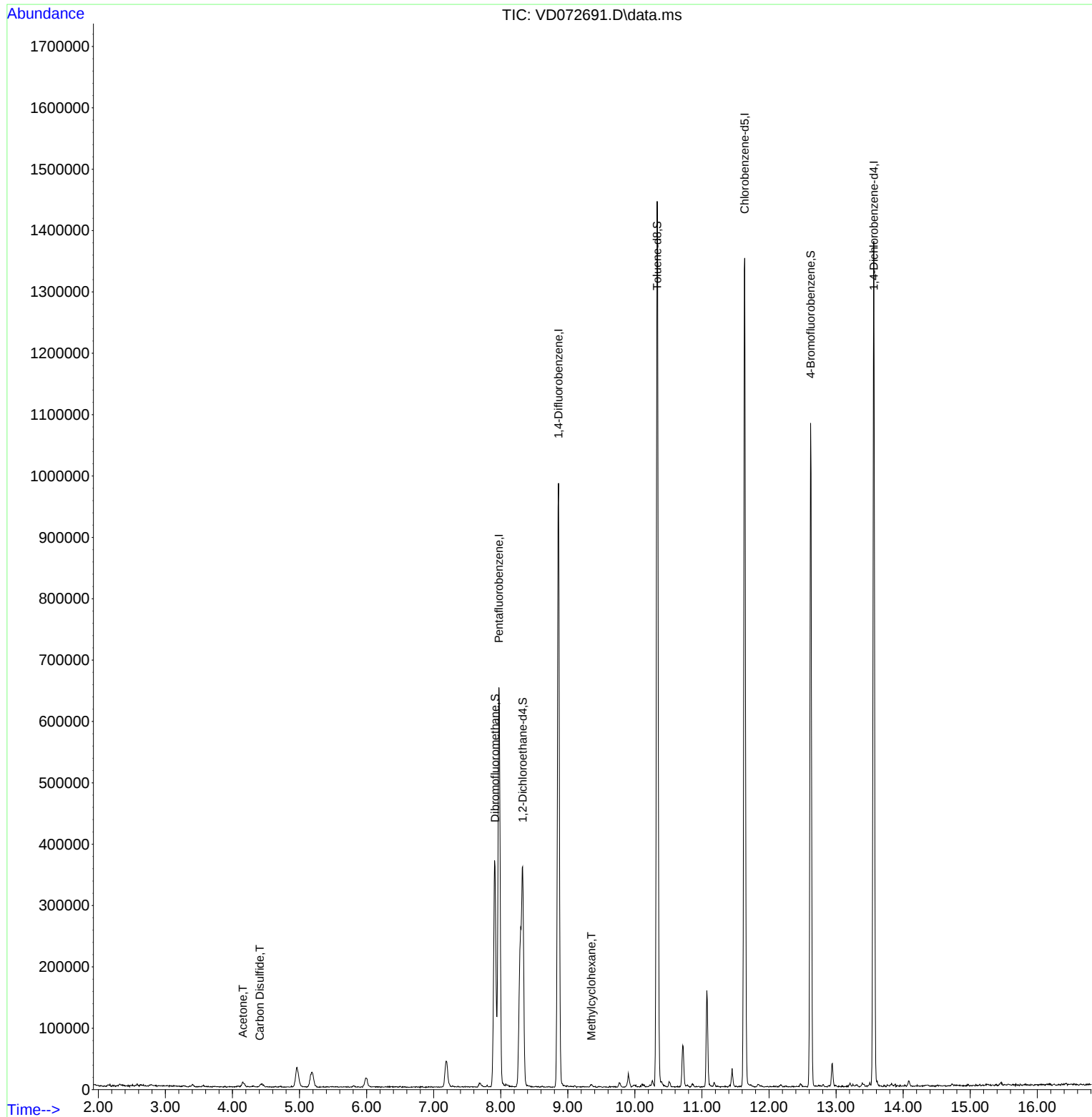
Internal Standards						
1) Pentafluorobenzene	7.973	168	470714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	849597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	800216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	358112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	264165	46.392	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.780%		
35) Dibromofluoromethane	7.914	113	269702	40.848	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.700%		
50) Toluene-d8	10.332	98	998400	43.502	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.000%		
62) 4-Bromofluorobenzene	12.620	95	358291	39.973	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.940%		
Target Compounds						
16) Acetone	4.156	43	13208	12.439	ug/l #	85
17) Carbon Disulfide	4.409	76	3041	3.934	ug/l #	87
39) Methylcyclohexane	9.350	83	1868	3.056	ug/l	92

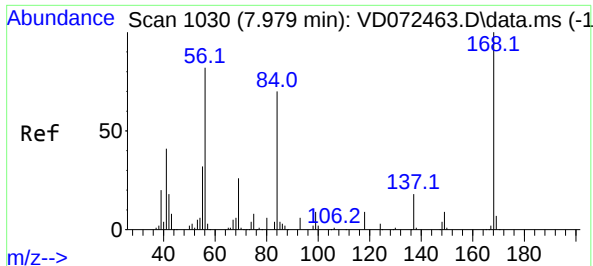
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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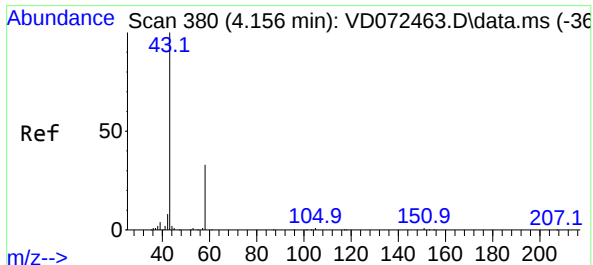
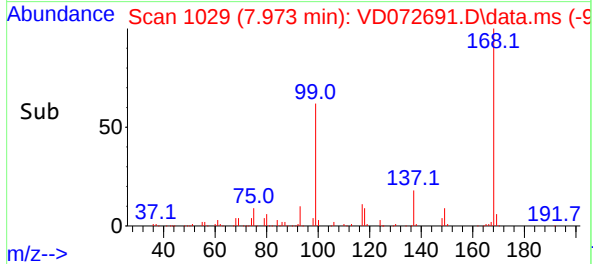
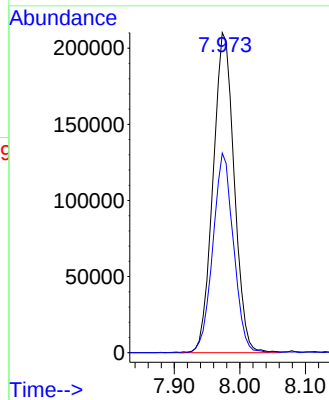
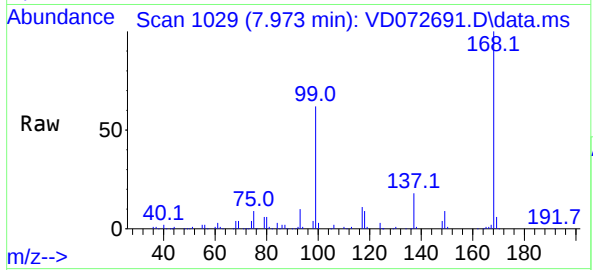




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072691.D
Acq: 22 Apr 2022 13:49

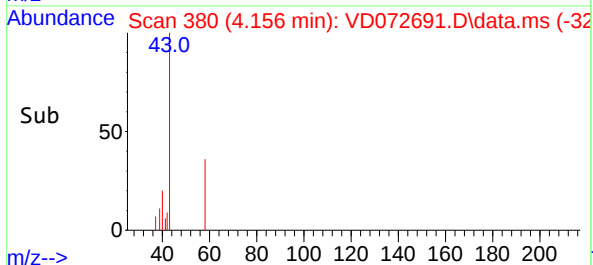
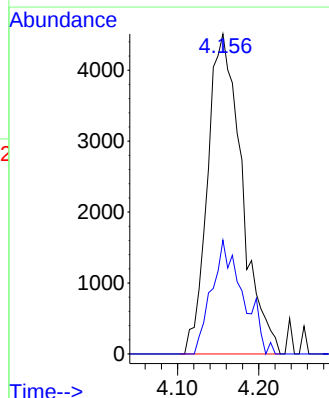
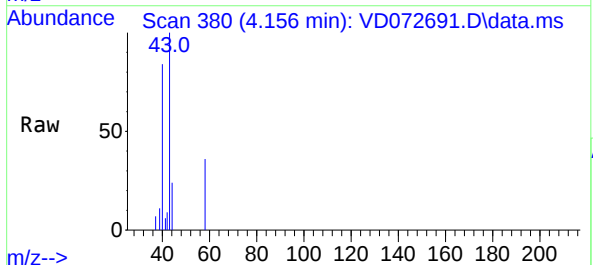
Instrument :
MSVOA_D
ClientSampleId :
HR-01-042122

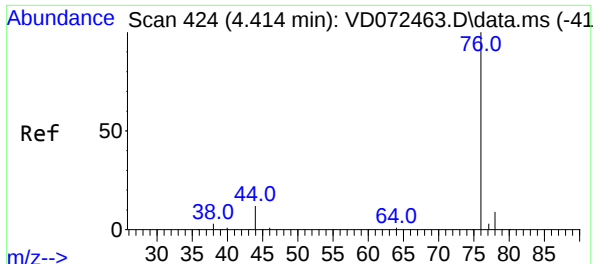
Tgt Ion:168 Resp: 470714
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#16
Acetone
Concen: 12.439 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072691.D
Acq: 22 Apr 2022 13:49

Tgt Ion: 43 Resp: 13208
Ion Ratio Lower Upper
43 100
58 35.6 22.1 33.1#

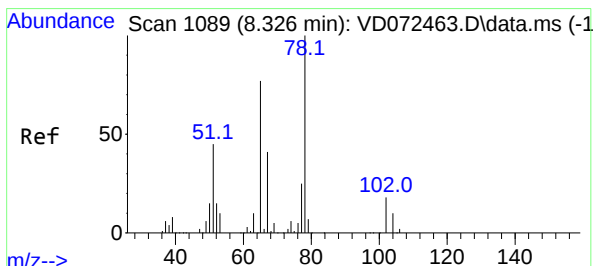
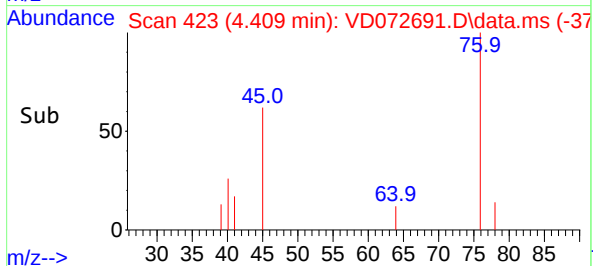
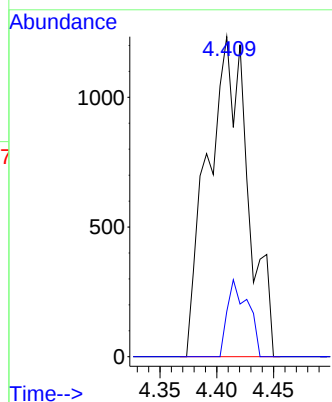
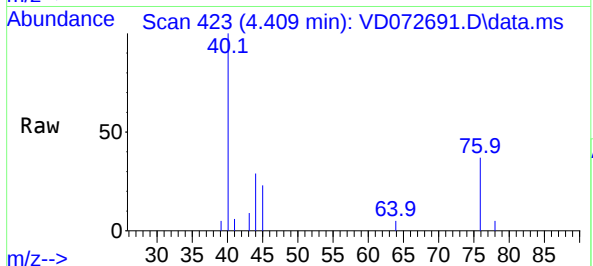




#17
Carbon Disulfide
Concen: 3.934 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072691.D
Acq: 22 Apr 2022 13:49

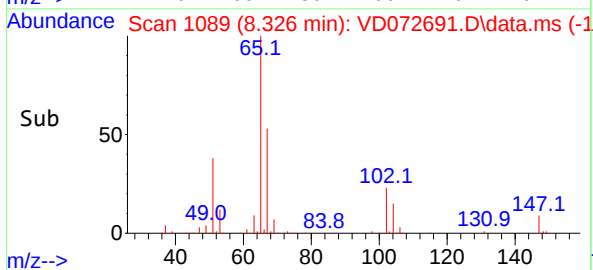
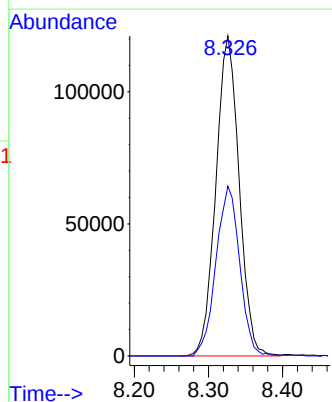
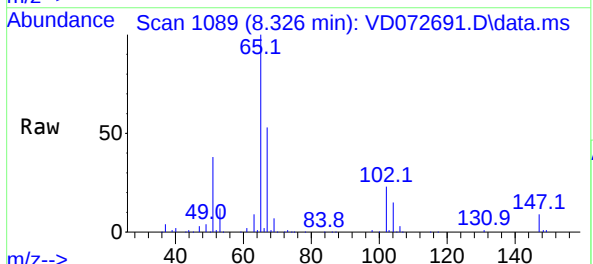
Instrument :
MSVOA_D
ClientSampleId :
HR-01-042122

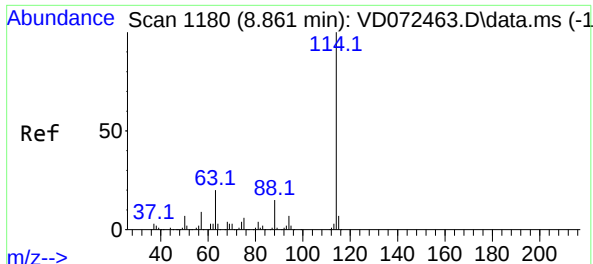
Tgt Ion: 76 Resp: 3041
Ion Ratio Lower Upper
76 100
78 14.1 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 46.392 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072691.D
Acq: 22 Apr 2022 13:49

Tgt Ion: 65 Resp: 264165
Ion Ratio Lower Upper
65 100
67 54.0 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: VD072691.D

Acq: 22 Apr 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :

HR-01-042122

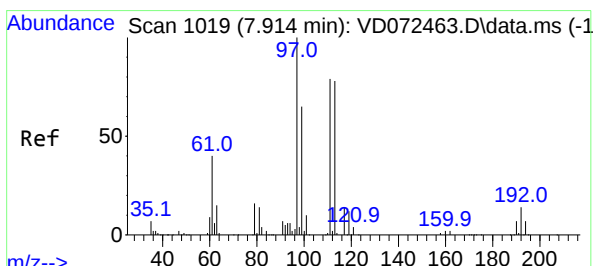
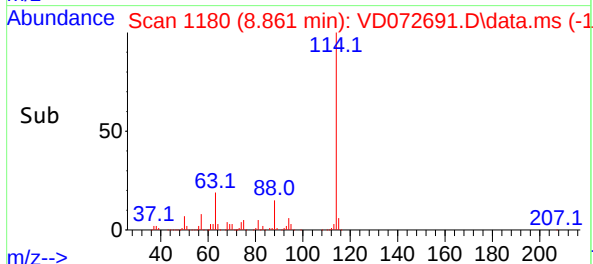
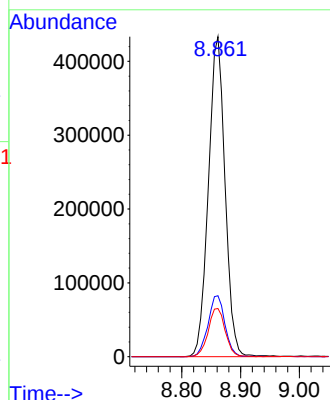
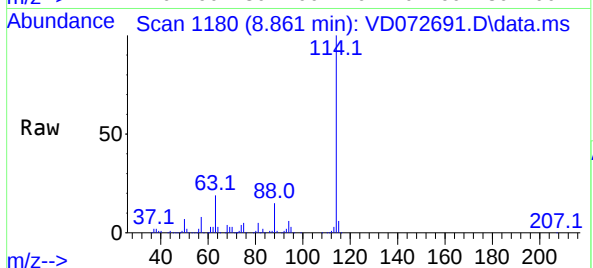
Tgt Ion:114 Resp: 849597

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 40.848 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072691.D

Acq: 22 Apr 2022 13:49

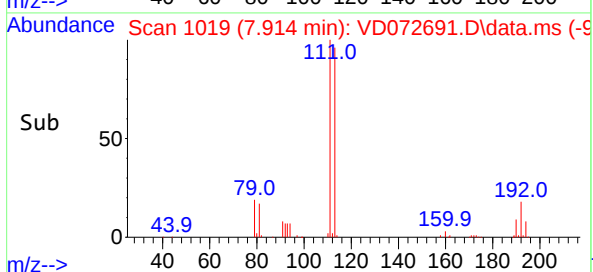
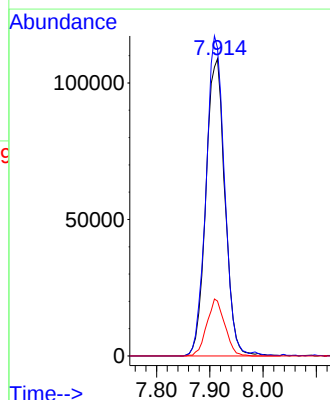
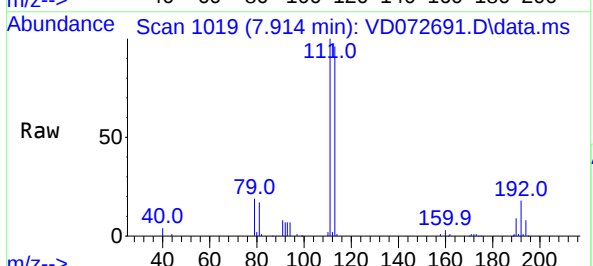
Tgt Ion:113 Resp: 269702

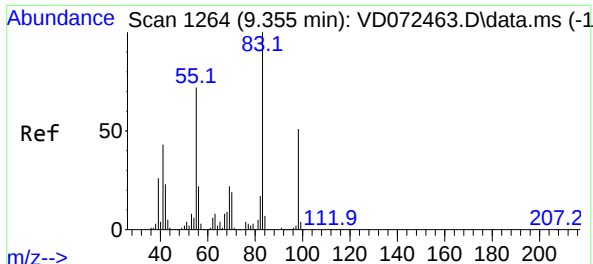
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 18.2 14.6 21.8





#39

Methylcyclohexane

Concen: 3.056 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072691.D

Acq: 22 Apr 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :

HR-01-042122

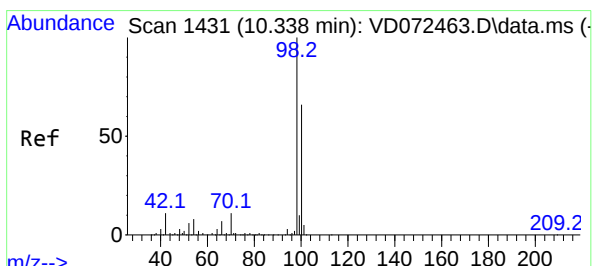
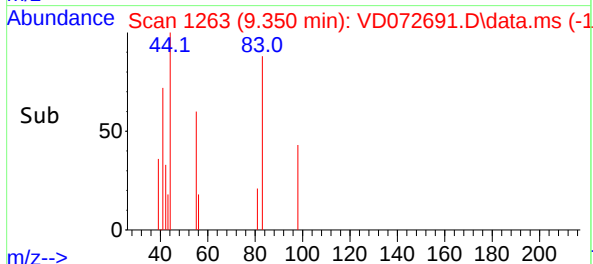
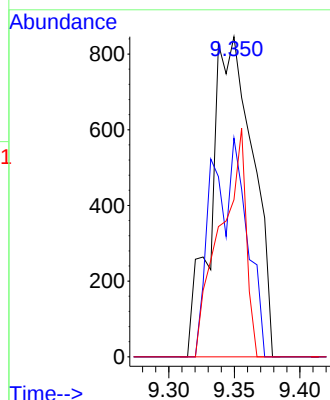
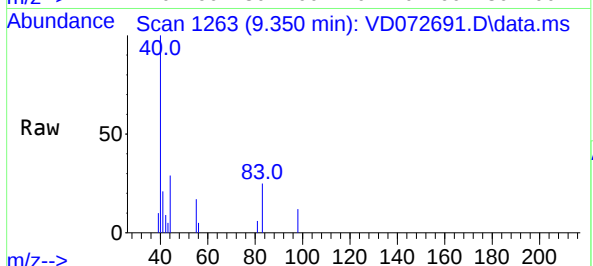
Tgt Ion: 83 Resp: 1868

Ion Ratio Lower Upper

83 100

55 68.3 63.2 94.8

98 49.1 38.2 57.4



#50

Toluene-d8

Concen: 43.502 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072691.D

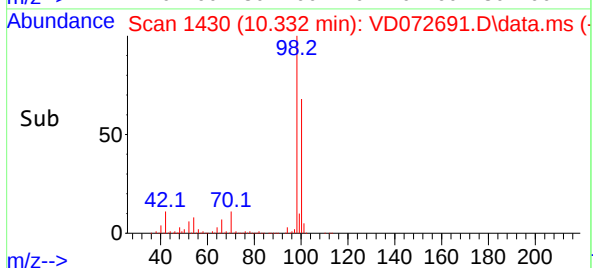
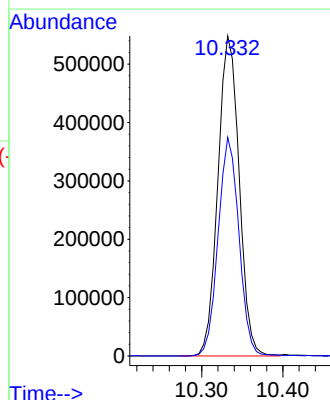
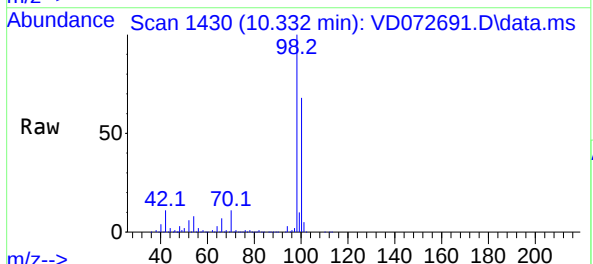
Acq: 22 Apr 2022 13:49

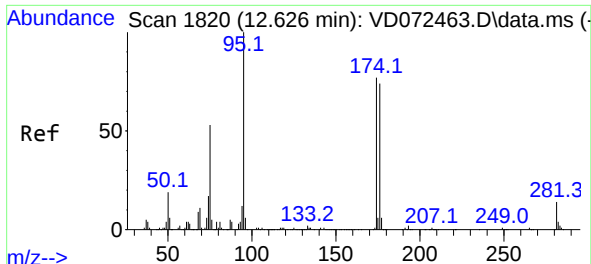
Tgt Ion: 98 Resp: 998400

Ion Ratio Lower Upper

98 100

100 66.9 52.4 78.6

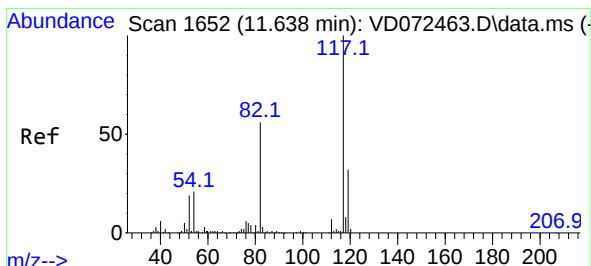
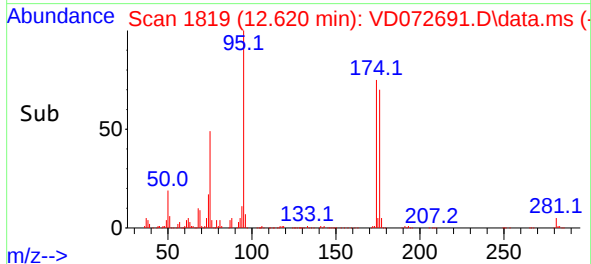
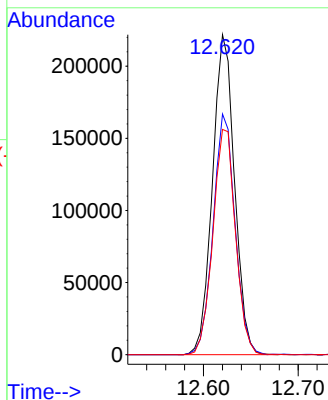
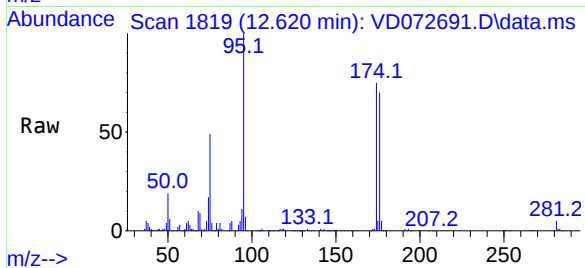




#62
4-Bromofluorobenzene
Concen: 39.973 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072691.D
Acq: 22 Apr 2022 13:49

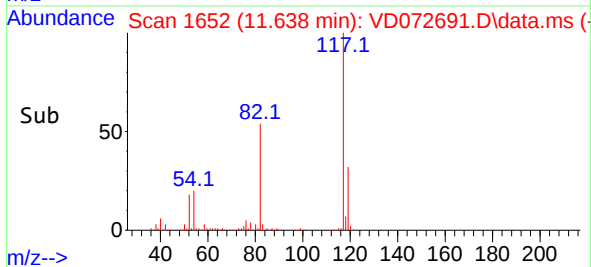
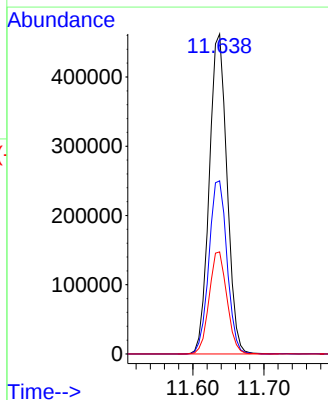
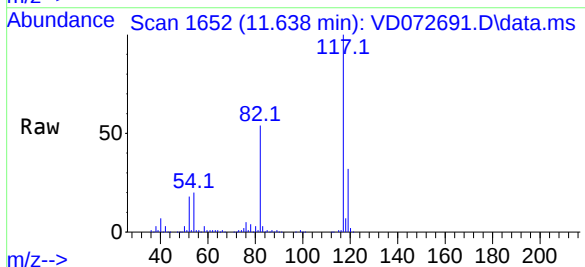
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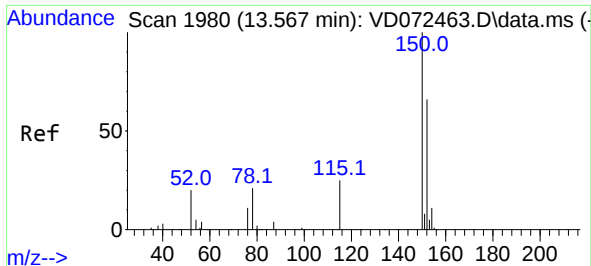
Tgt Ion: 95 Resp: 358291
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 72.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072691.D
Acq: 22 Apr 2022 13:49

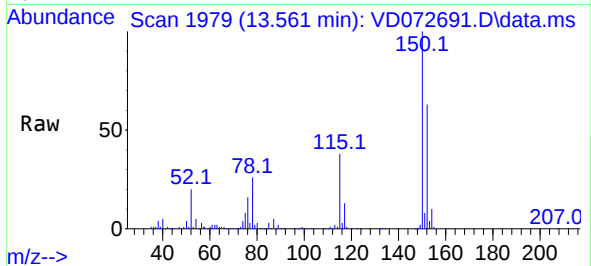
Tgt Ion: 117 Resp: 800216
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.9 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072691.D
 Acq: 22 Apr 2022 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-042122



Tgt Ion:152 Resp: 358112

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.3	93.8
150	157.8	0.0	348.6

