

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072818.D
 Acq On : 05 May 2022 19:05
 Operator : VA/SY
 Sample : N2667-01
 Misc : 6.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 75-HALSTAD-ST-STOCK-PILE

Quant Time: May 06 03:51:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

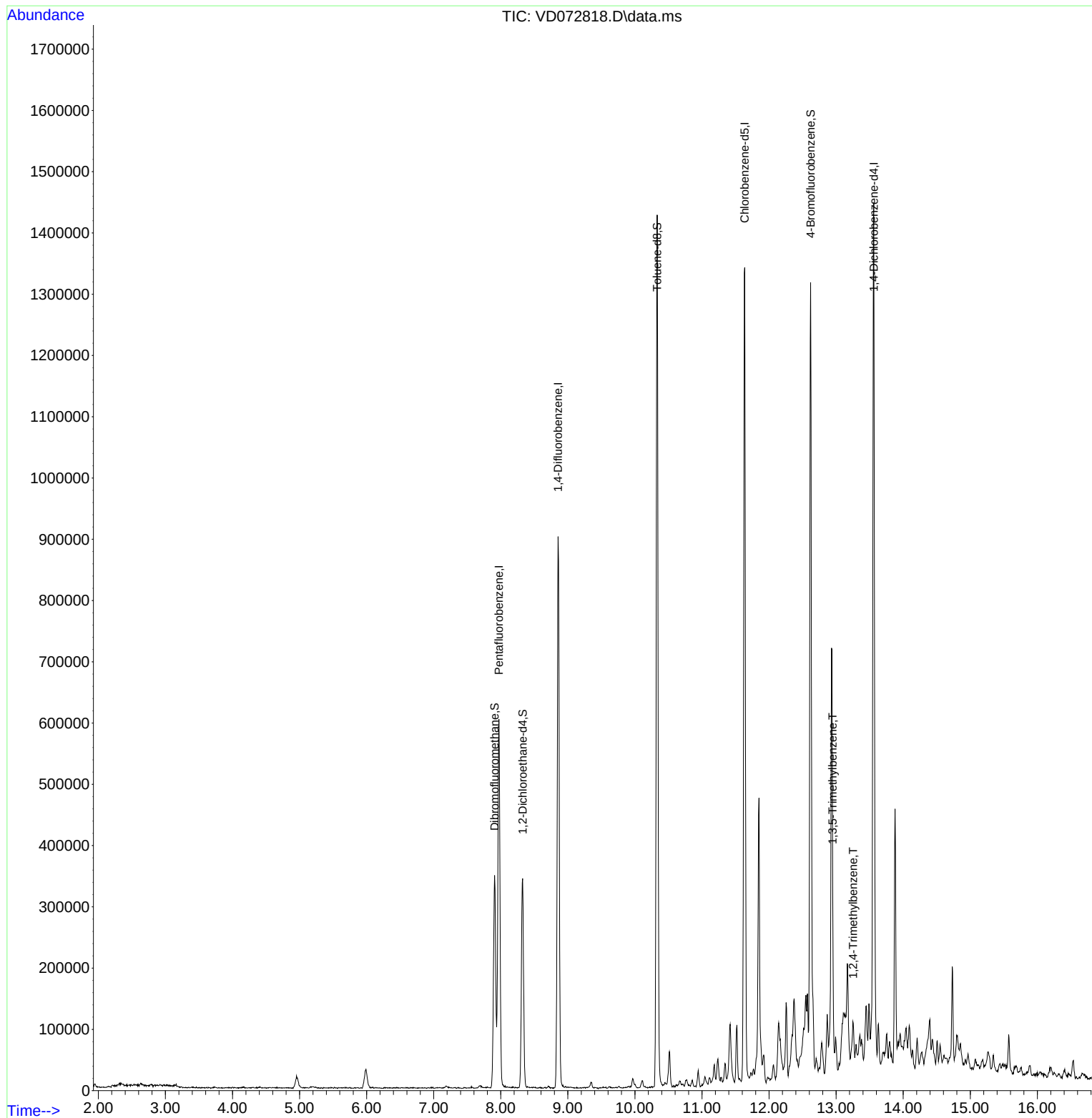
Internal Standards						
1) Pentafluorobenzene	7.973	168	404072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	743570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	737633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	338311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	276261	52.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.340%
35) Dibromofluoromethane	7.908	113	244373	46.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.600%
50) Toluene-d8	10.332	98	916132	48.906	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.620	95	364049	52.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.240%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.949	105	26256	1.176	ug/l	Qvalue 94
84) 1,2,4-Trimethylbenzene	13.255	105	35780	1.604	ug/l	99

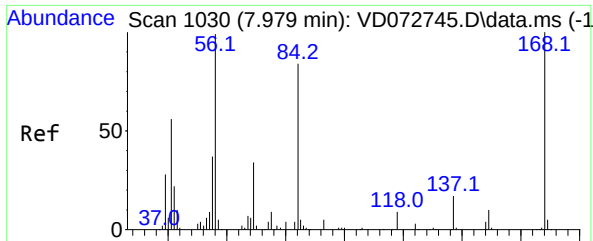
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072818.D

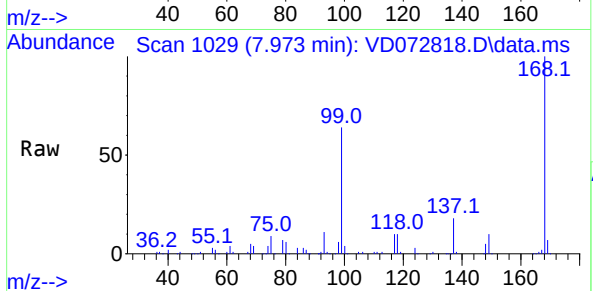
Acq: 05 May 2022 19:05

Instrument :

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75-HALSTAD-ST-STOCK-PILE

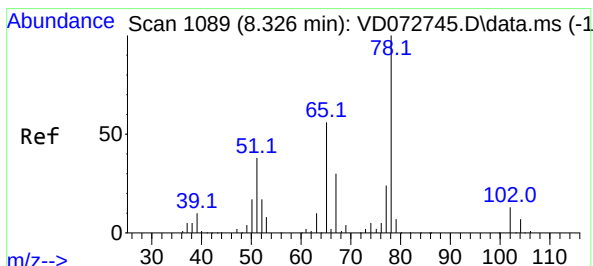
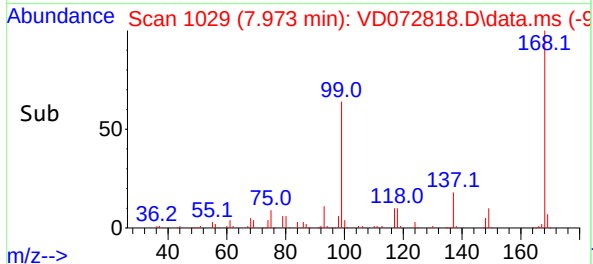
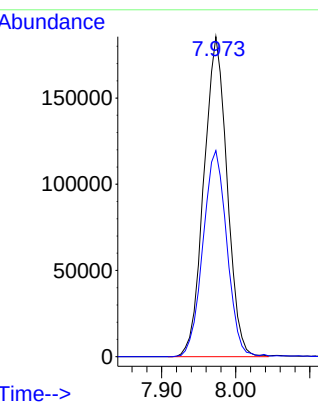


Tgt Ion:168 Resp: 404072

Ion Ratio Lower Upper

168 100

99 64.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 52.670 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072818.D

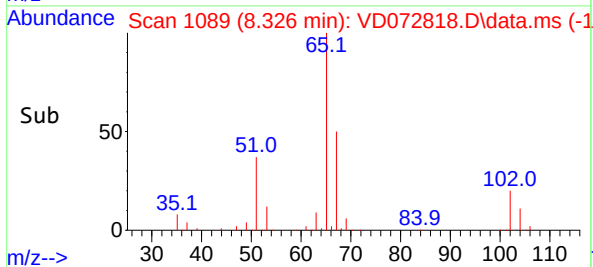
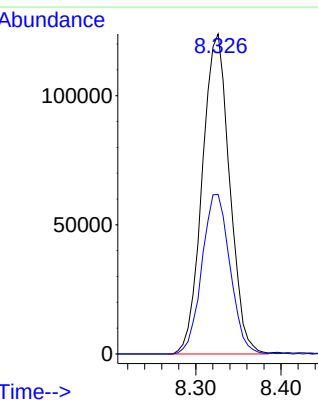
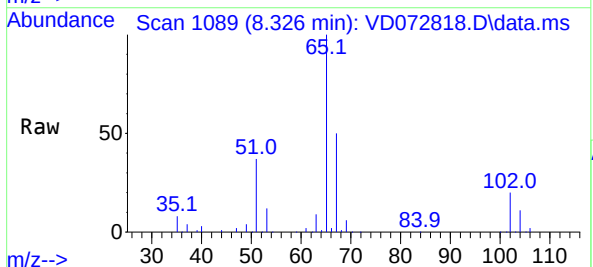
Acq: 05 May 2022 19:05

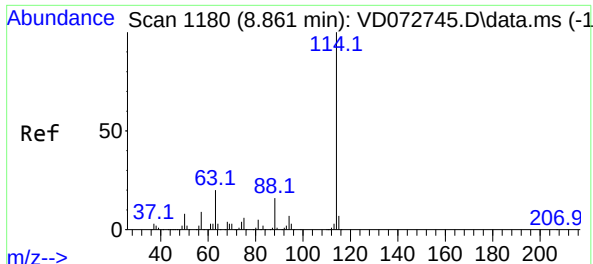
Tgt Ion: 65 Resp: 276261

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: VD072818.D

Acq: 05 May 2022 19:05

Instrument :

MSVOA_D

ClientSampleId :

75-HALSTAD-ST-STOCK-PILE

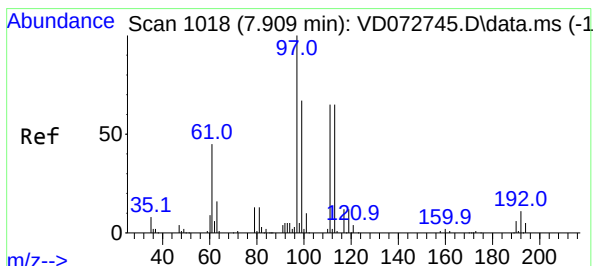
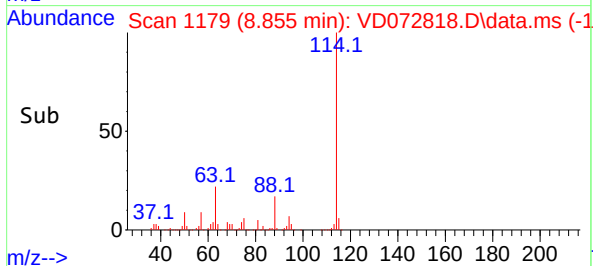
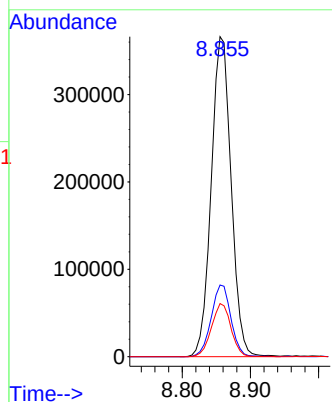
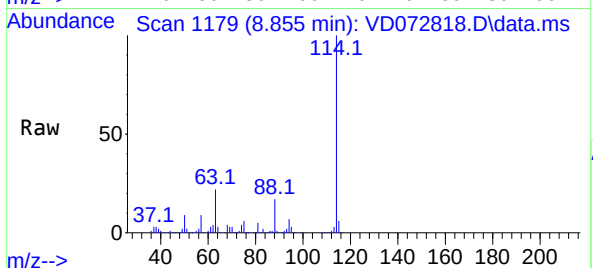
Tgt Ion:114 Resp: 743570

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.795 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072818.D

Acq: 05 May 2022 19:05

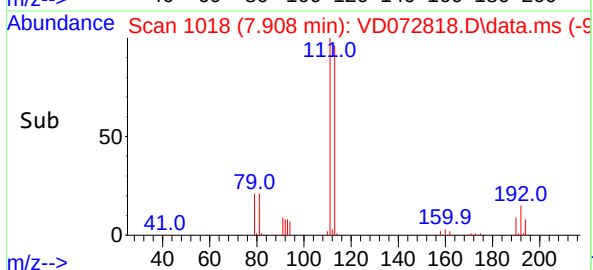
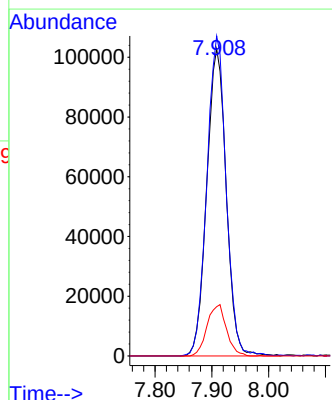
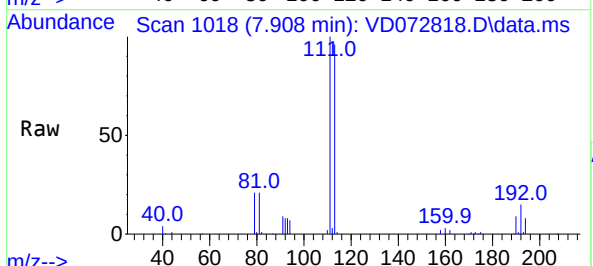
Tgt Ion:113 Resp: 244373

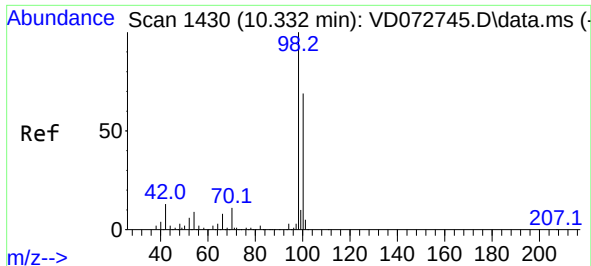
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 16.6 14.6 21.8

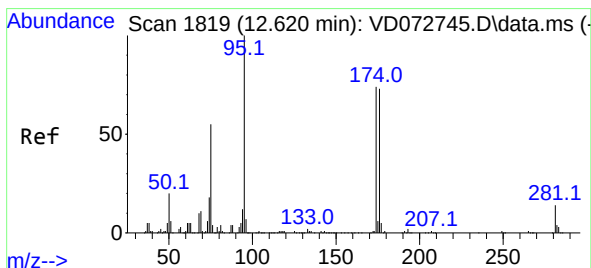
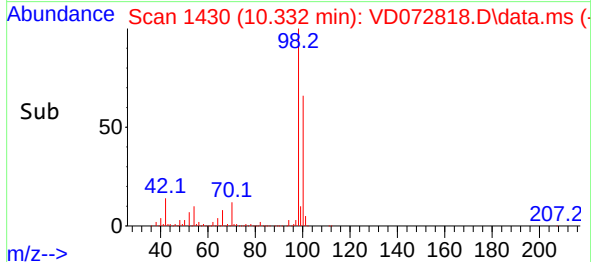
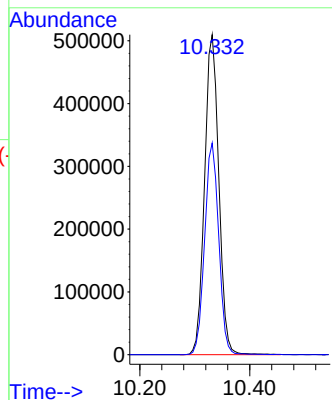
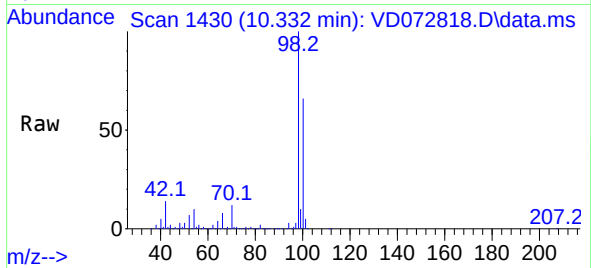




#50
Toluene-d8
Concen: 48.906 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

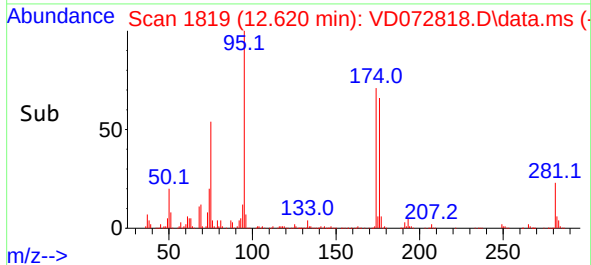
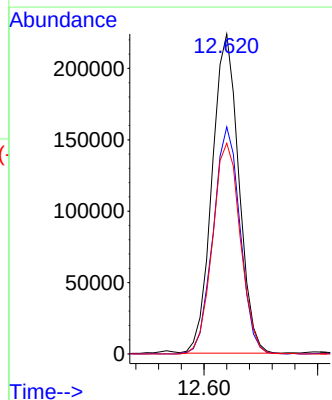
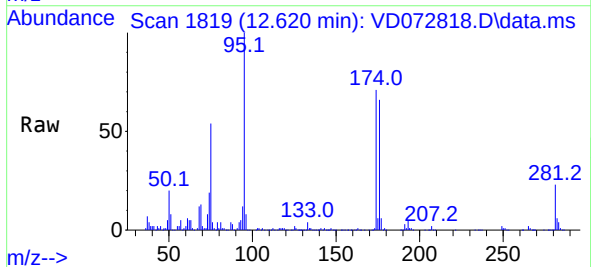
Instrument :
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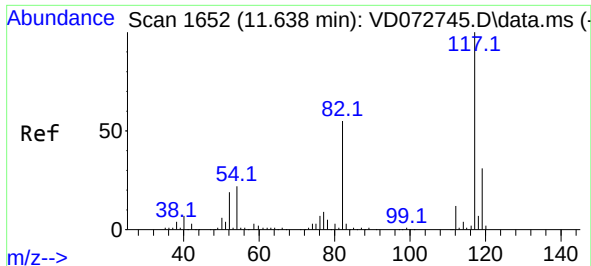
Tgt Ion: 98 Resp: 916132
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.120 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion: 95 Resp: 364049
Ion Ratio Lower Upper
95 100
174 71.8 0.0 152.8
176 68.9 0.0 145.4

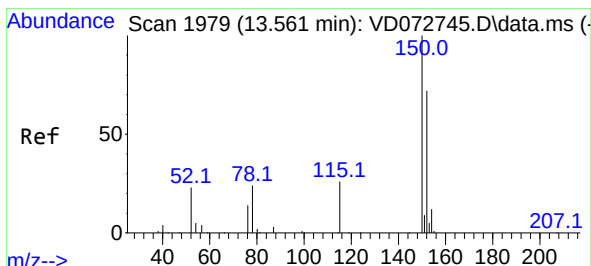
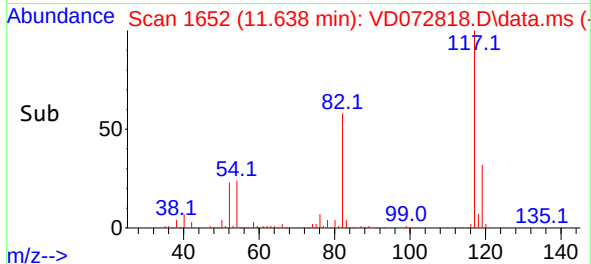
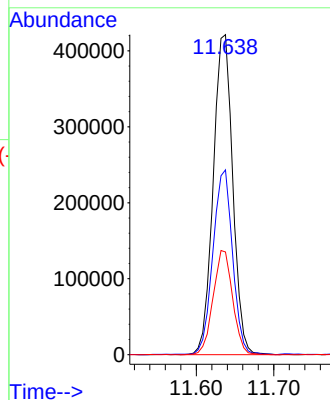
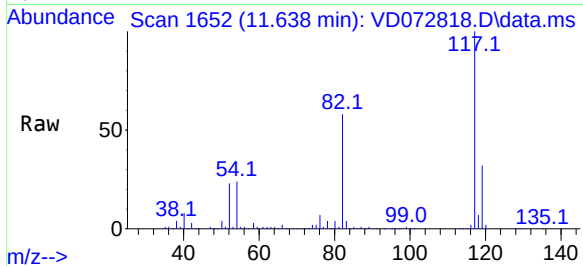




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

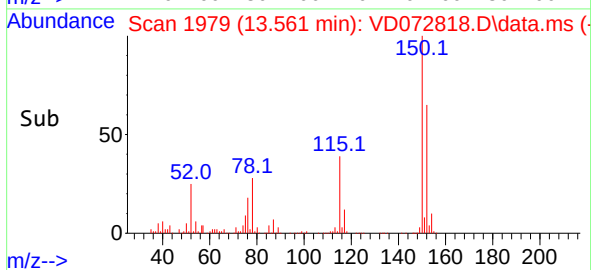
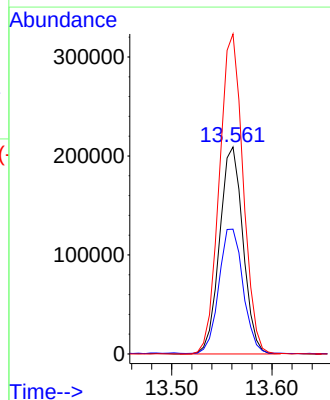
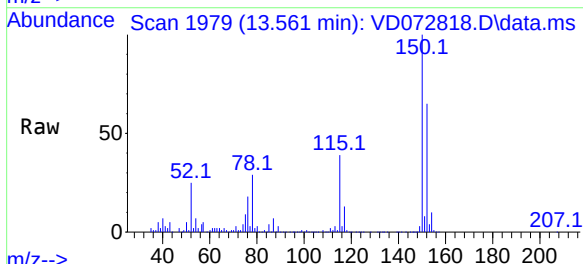
Instrument :
MSVOA_D
ClientSampleId :
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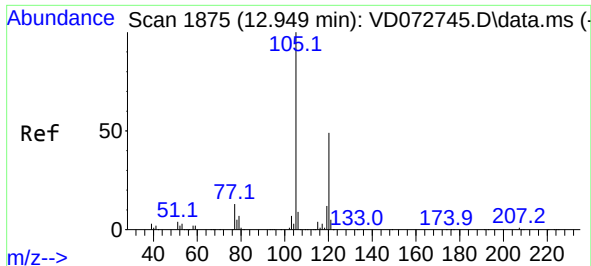
Tgt Ion:	117	Resp:	737633
Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.3	67.9
119	32.1	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion:	152	Resp:	338311
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.3	93.8
150	156.9	0.0	348.6

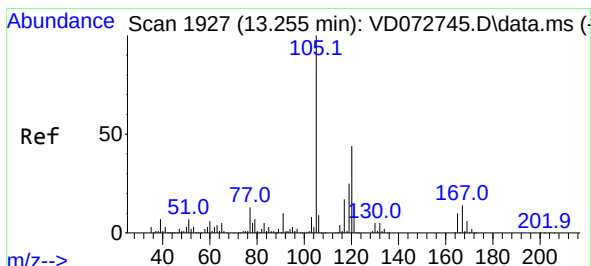
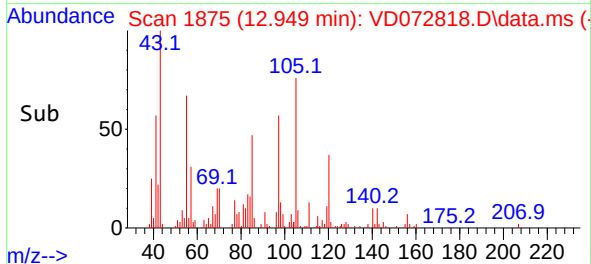
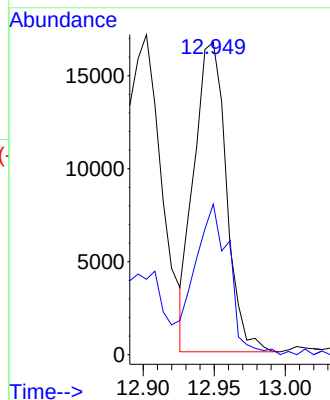
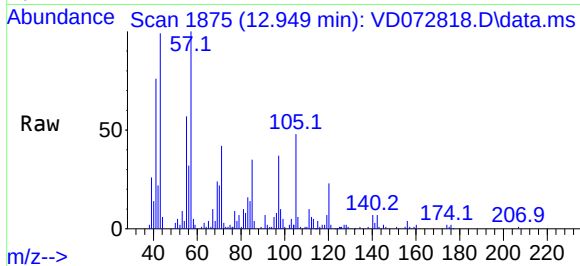




#80
1,3,5-Trimethylbenzene
Concen: 1.176 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:105 Resp: 26256
Ion Ratio Lower Upper
105 100
120 52.9 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 1.604 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072818.D
Acq: 05 May 2022 19:05

Tgt Ion:105 Resp: 35780
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8

