

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072900.D
 Acq On : 09 May 2022 19:44
 Operator : VA/SY
 Sample : N2703-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-28

Quant Time: May 10 01:37:42 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)

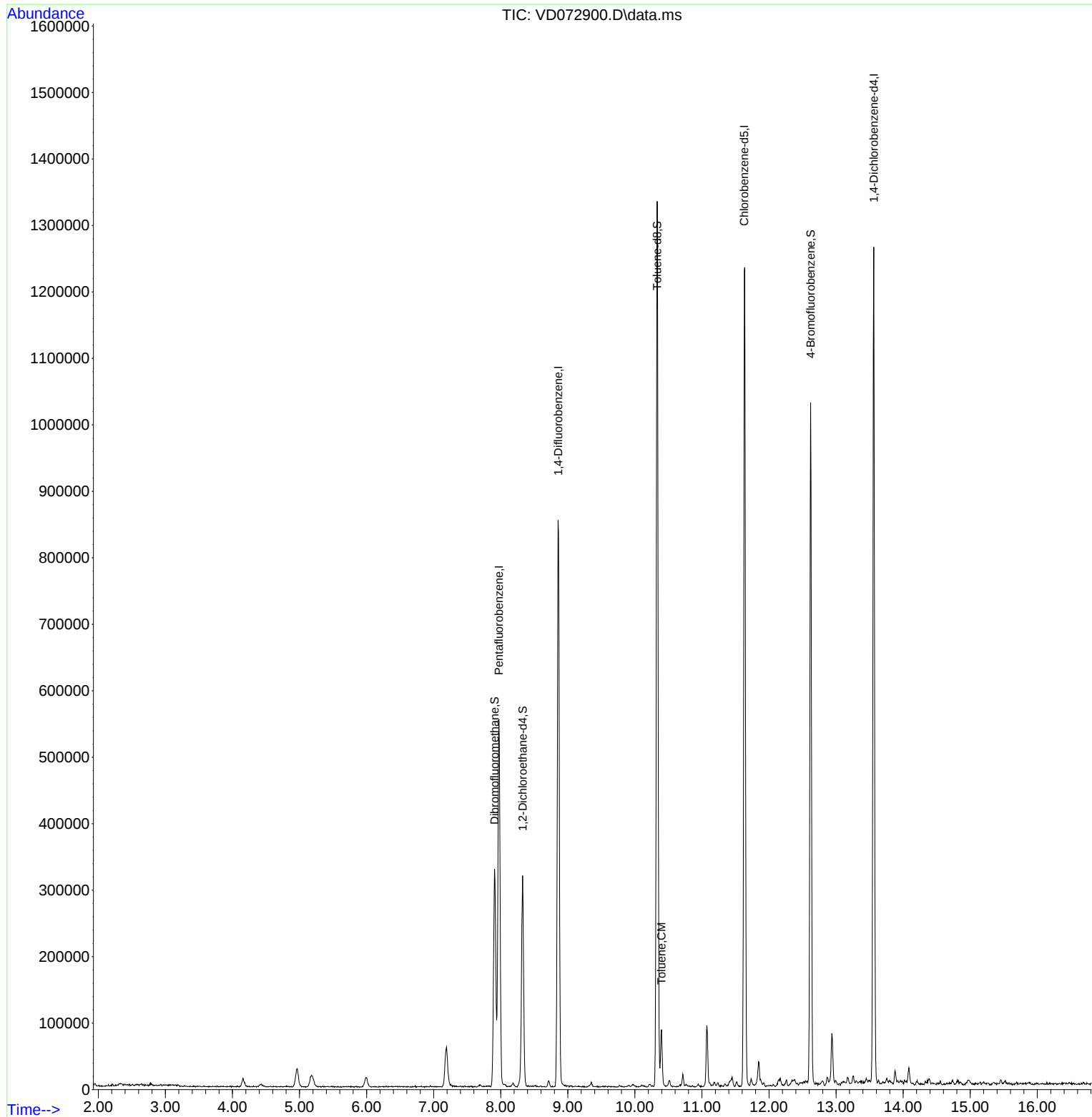
Internal Standards						
1) Pentafluorobenzene	7.973	168	392829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	725663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	704472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244584	47.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.909	113	235902	46.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.332	98	884413	48.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.620	95	334460	49.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.140%
Target Compounds						
52) Toluene	10.397	92	33233	2.226	ug/l	Qvalue 100

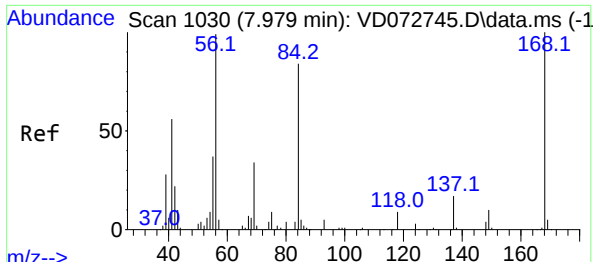
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072900.D

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Instrument :

MSVOA_D

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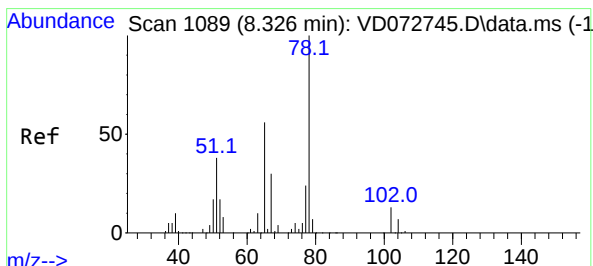
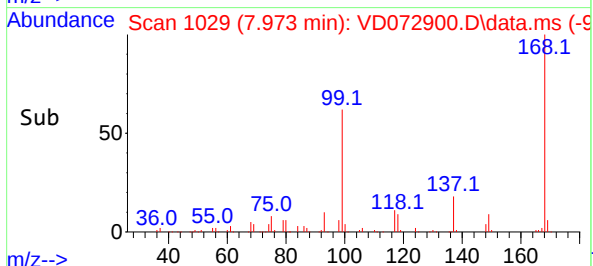
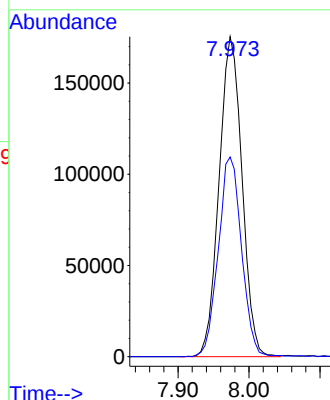
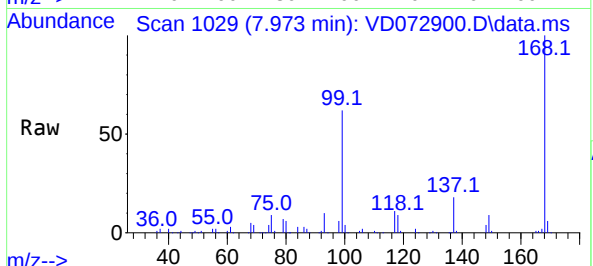
TP-28

Tgt Ion:168 Resp: 392829

Ion Ratio Lower Upper

168 100

99 62.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 47.965 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072900.D

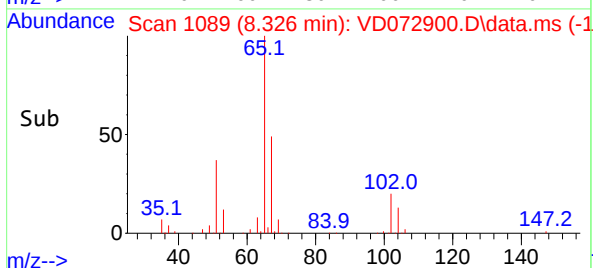
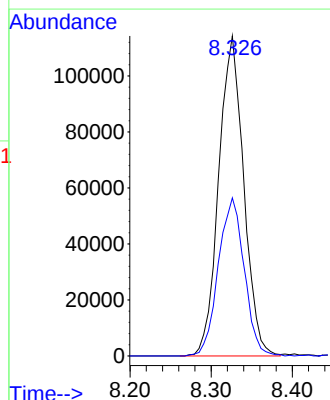
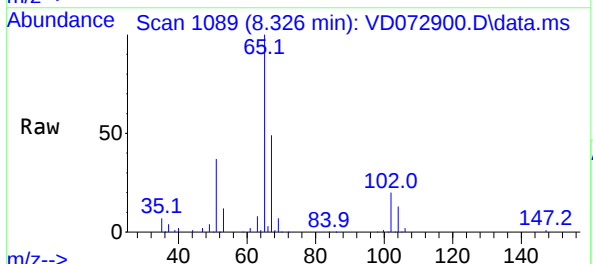
Acq: 09 May 2022 19:44

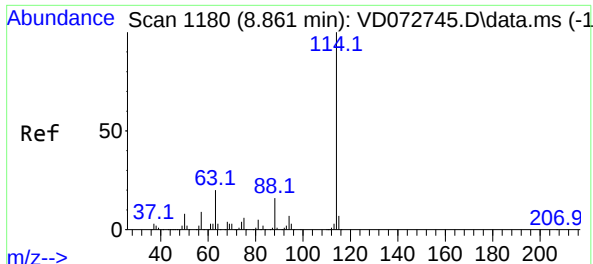
Tgt Ion: 65 Resp: 244584

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4



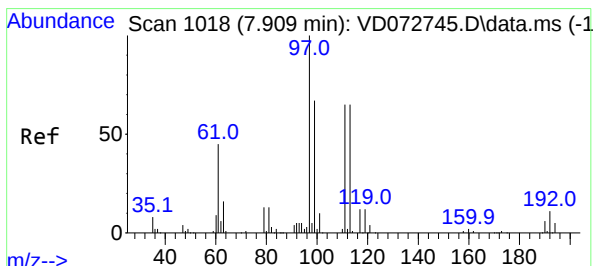
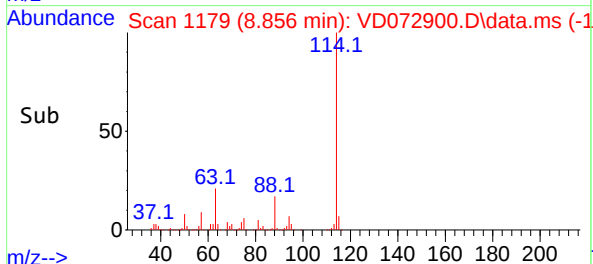
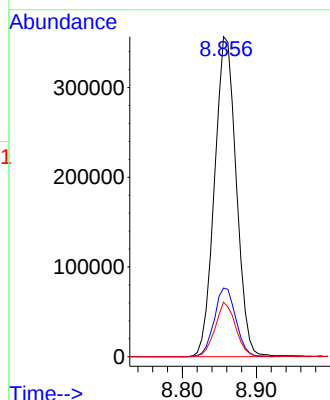
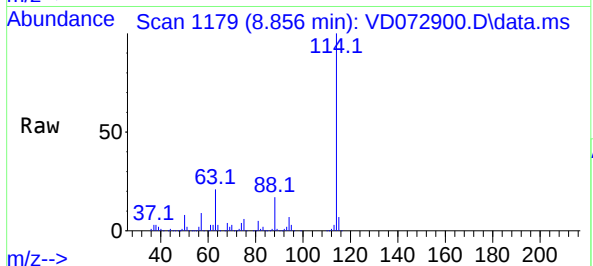


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Instrument :
MSVOA_D
ClientSampleId :
TP-28

Tgt Ion:114 Resp: 725663

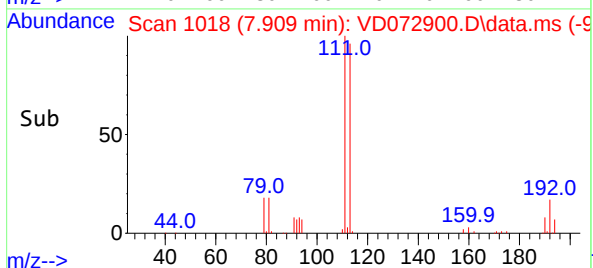
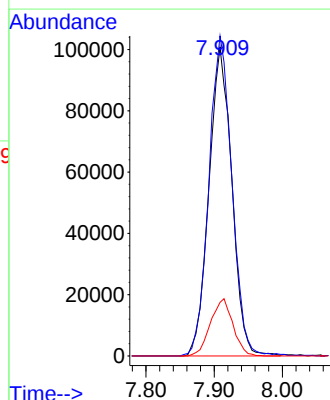
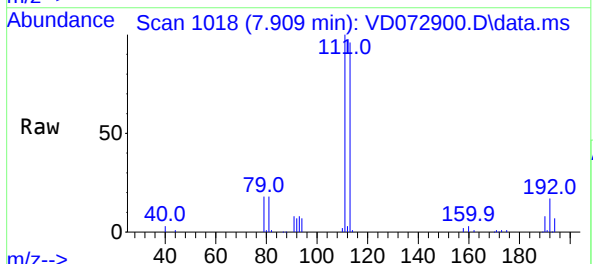
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	46.6
88	17.0	0.0	33.2

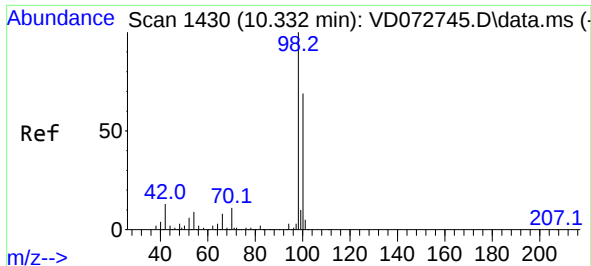


#35
Dibromofluoromethane
Concen: 46.288 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Tgt Ion:113 Resp: 235902

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.8	125.6
192	18.2	14.6	21.8

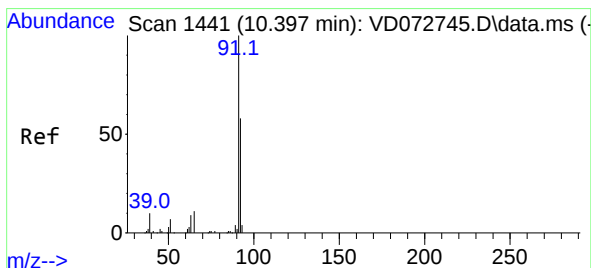
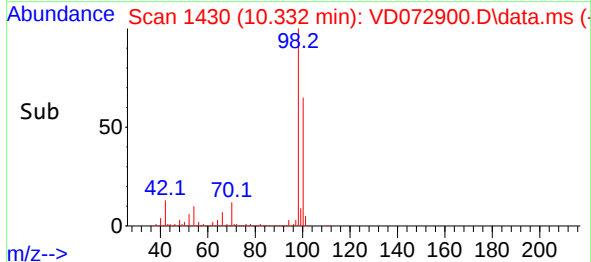
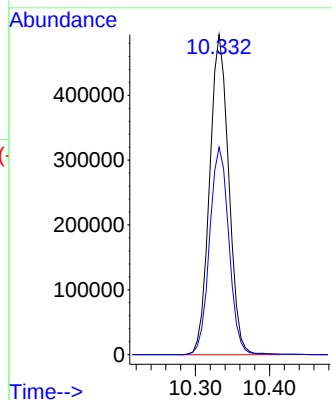
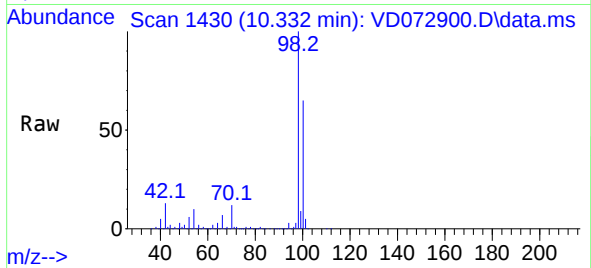




#50
Toluene-d8
Concen: 48.378 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

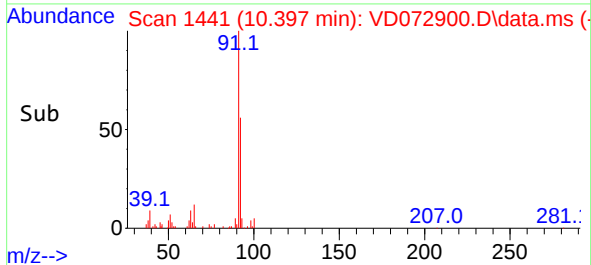
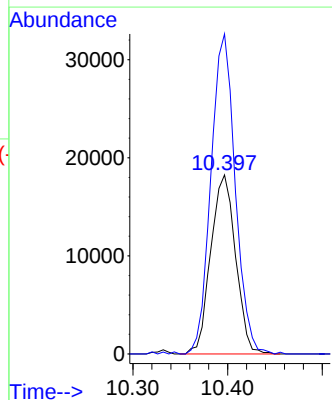
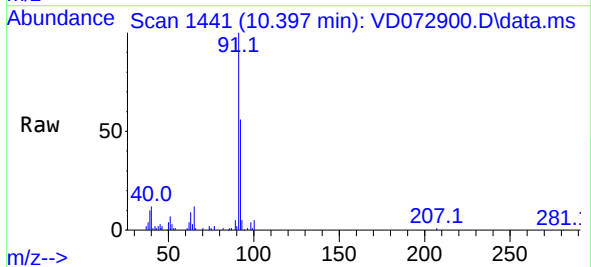
Instrument :
MSVOA_D
ClientSampleId :
TP-28

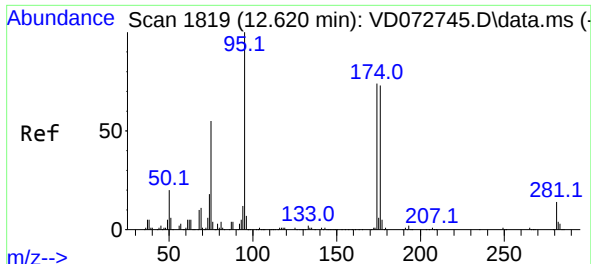
Tgt Ion: 98 Resp: 884413
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#52
Toluene
Concen: 2.226 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Tgt Ion: 92 Resp: 33233
Ion Ratio Lower Upper
92 100
91 174.9 139.6 209.4

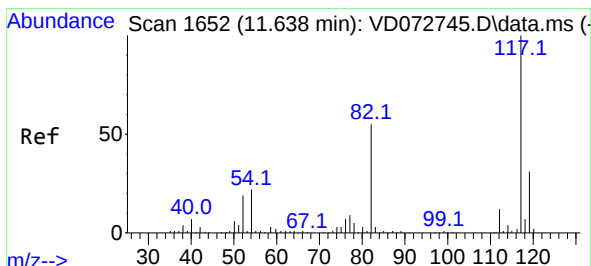
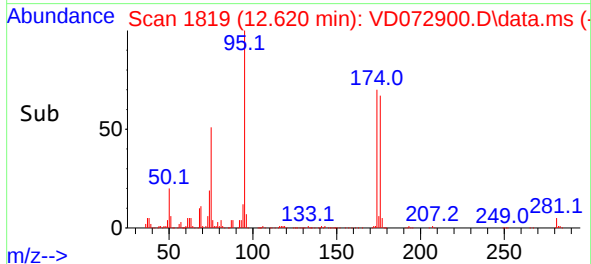
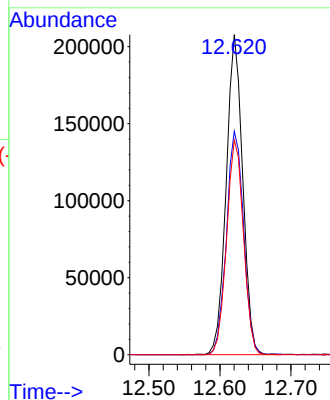
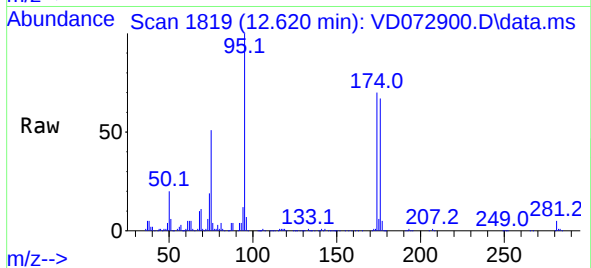




#62
4-Bromofluorobenzene
Concen: 49.065 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

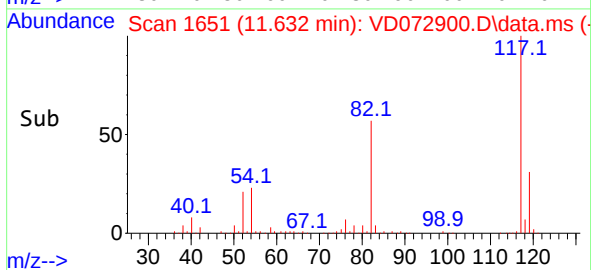
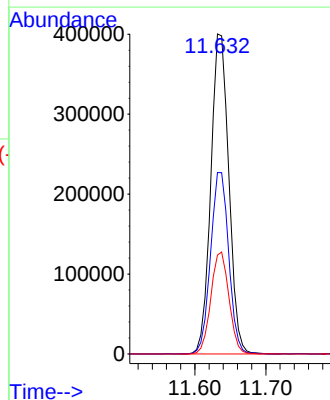
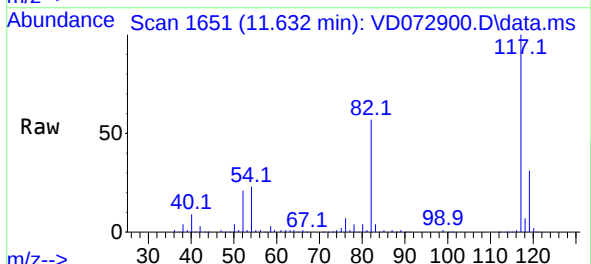
Instrument :
MSVOA_D
ClientSampleId :
TP-28

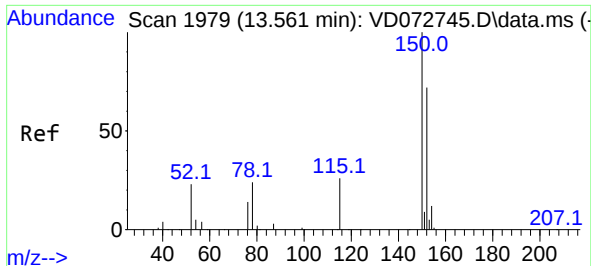
Tgt Ion: 95 Resp: 334460
Ion Ratio Lower Upper
95 100
174 72.8 0.0 152.8
176 68.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

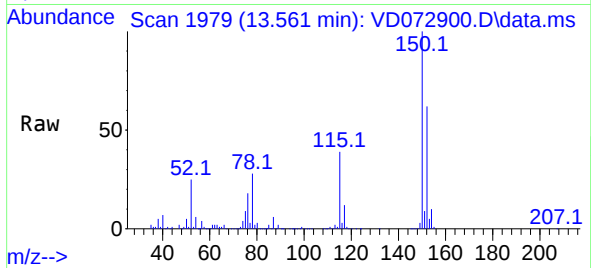
Tgt Ion: 117 Resp: 704472
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 30.9 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072900.D
 Acq: 09 May 2022 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-28



Tgt Ion:152 Resp: 311241
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.3 93.8
 150 158.0 0.0 348.6

