

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072892.D
 Acq On : 09 May 2022 15:56
 Operator : VA/SY
 Sample : N2673-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWEEPINGS-050322

Quant Time: May 09 17:28:05 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)

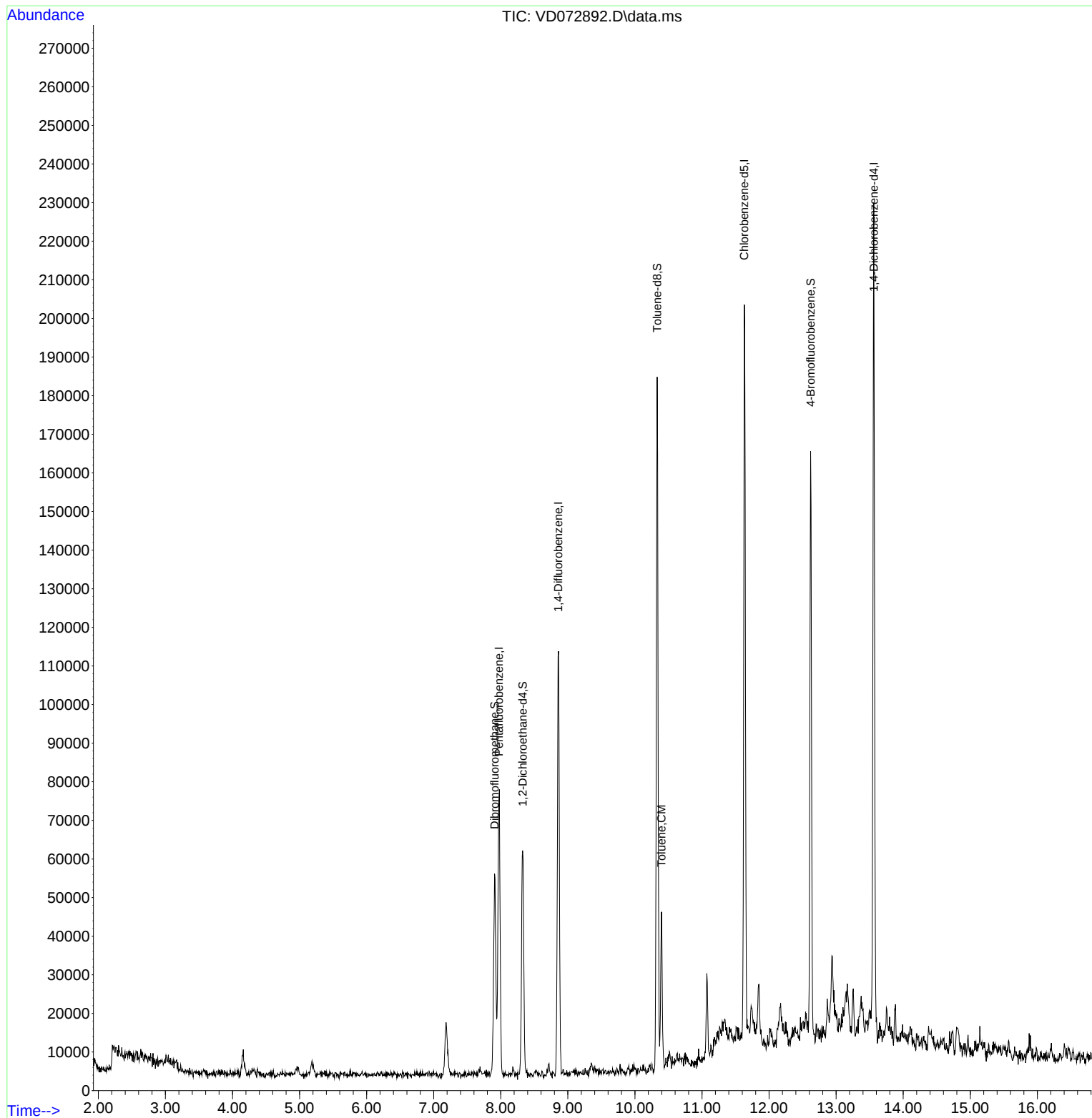
Internal Standards						
1) Pentafluorobenzene	7.973	168	50639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	90952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	110812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	53649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	47318	71.985	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 143.960%		
35) Dibromofluoromethane	7.908	113	38034	59.543	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 119.080%		
50) Toluene-d8	10.332	98	115783	50.531	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 101.060%		
62) 4-Bromofluorobenzene	12.620	95	52407	61.340	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 122.680%		
Target Compounds						
52) Toluene	10.396	92	15506	8.287	ug/l	Qvalue 99

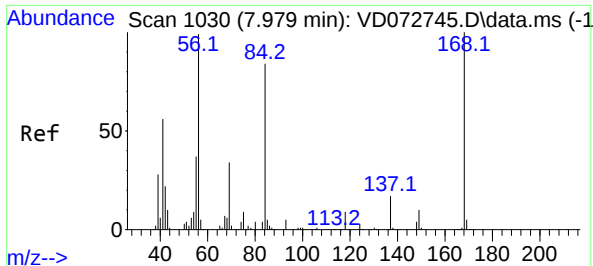
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072892.D

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MSVOA_D

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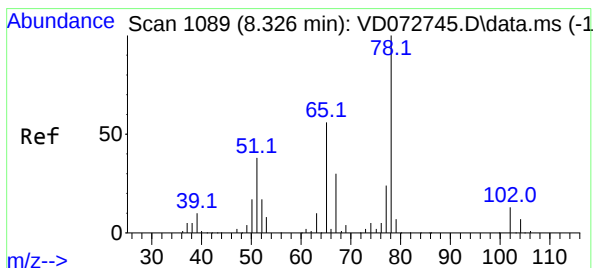
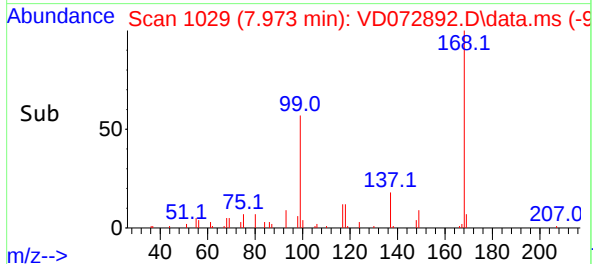
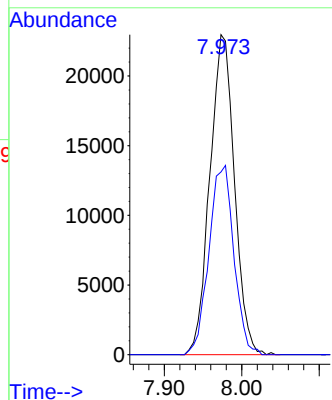
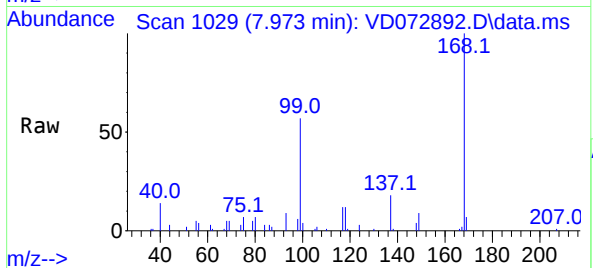
SWEEPINGS-050322

Tgt Ion:168 Resp: 50639

Ion Ratio Lower Upper

168 100

99 57.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 71.985 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072892.D

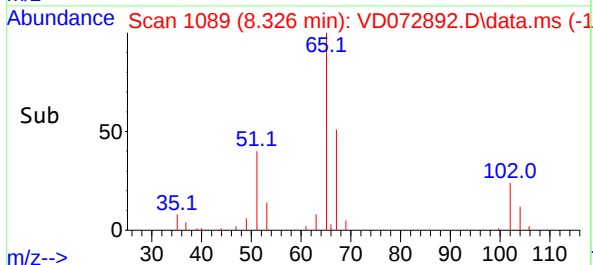
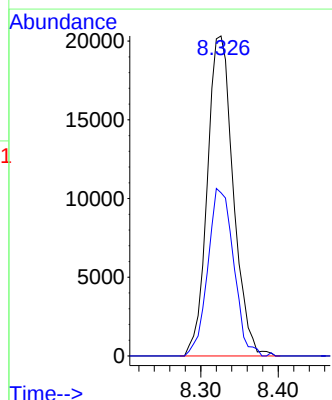
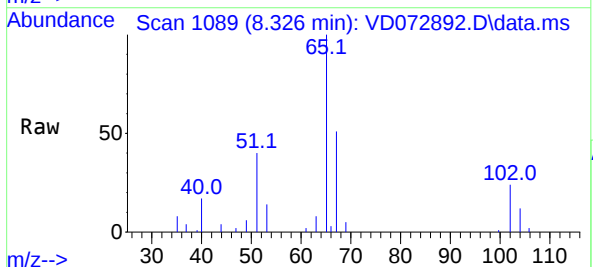
Acq: 09 May 2022 15:56

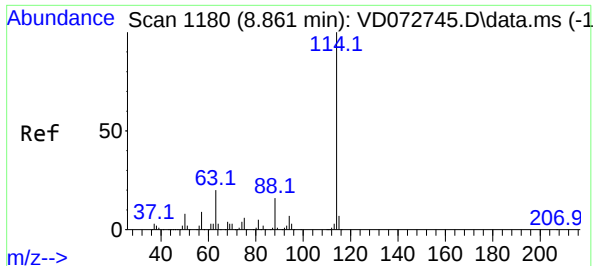
Tgt Ion: 65 Resp: 47318

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4

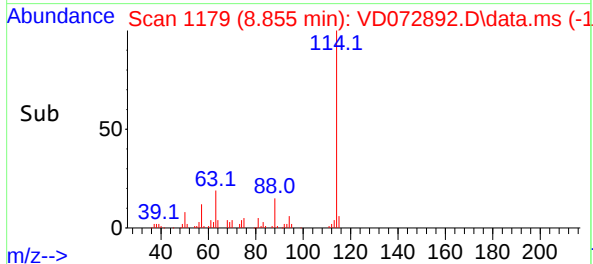
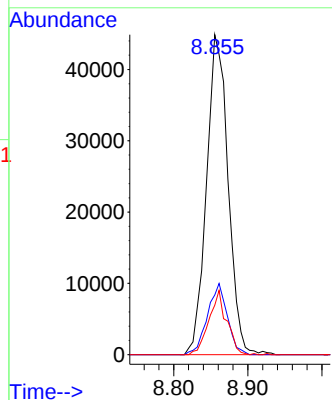
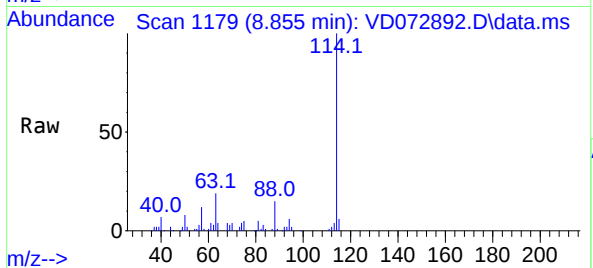




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072892.D
Acq: 09 May 2022 15:56

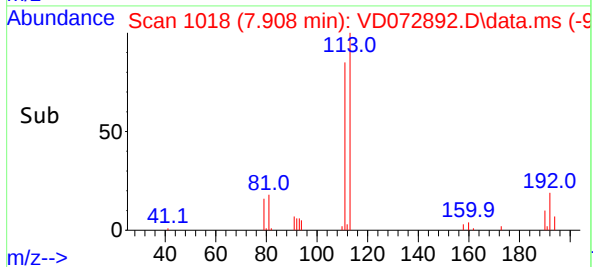
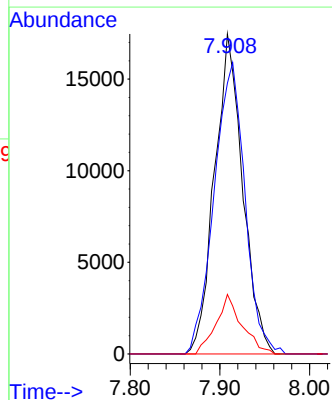
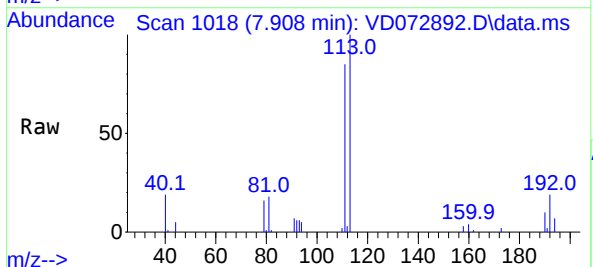
Instrument :
MSVOA_D
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SWEEPINGS-050322

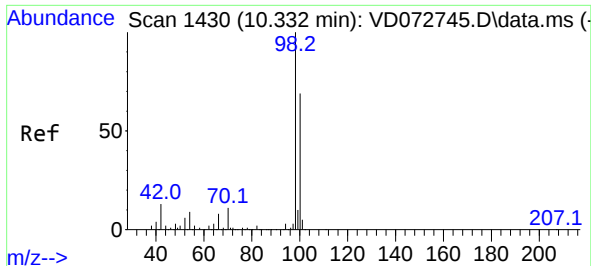
Tgt Ion:	114	Resp:	90952
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	46.6
88	15.5	0.0	33.2



#35
Dibromofluoromethane
Concen: 59.543 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072892.D
Acq: 09 May 2022 15:56

Tgt Ion:	113	Resp:	38034
Ion	Ratio	Lower	Upper
113	100		
111	99.6	83.8	125.6
192	17.1	14.6	21.8

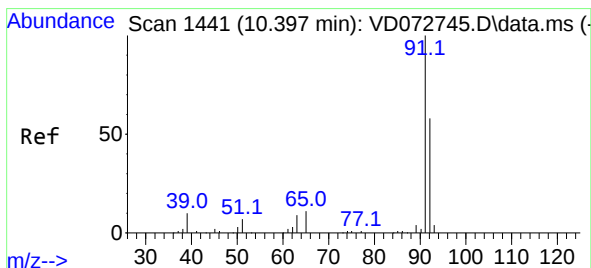
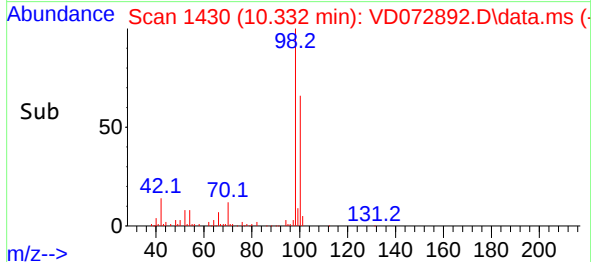
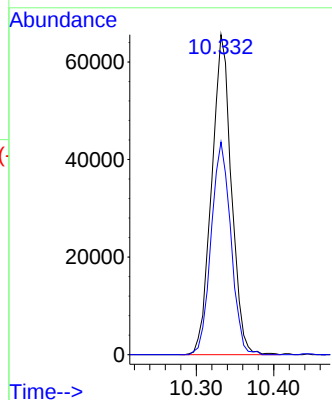
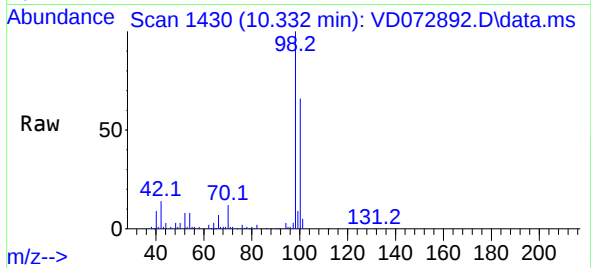




#50
Toluene-d8
Concen: 50.531 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072892.D
Acq: 09 May 2022 15:56

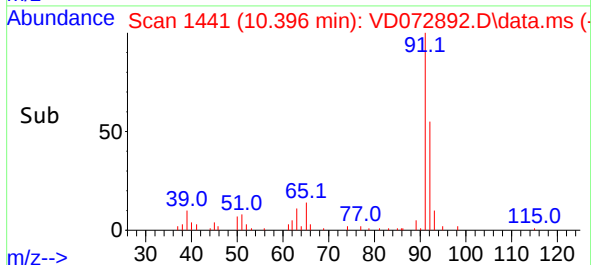
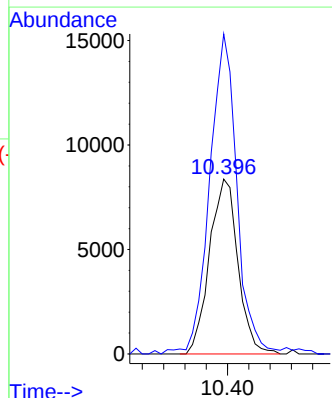
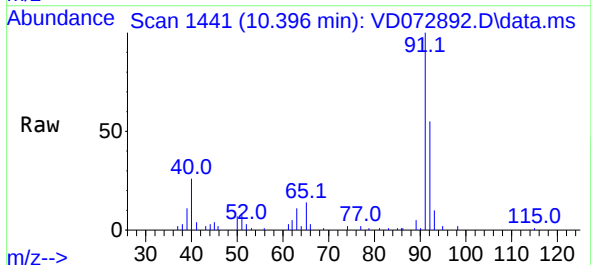
Instrument :
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SWEEPINGS-050322

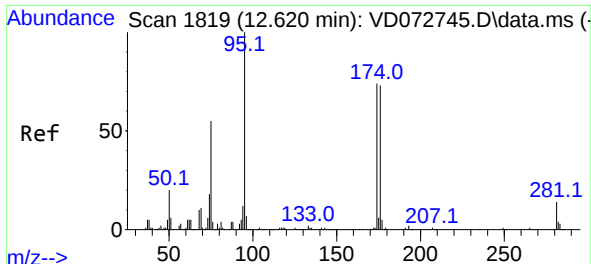
Tgt Ion: 98 Resp: 115783
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#52
Toluene
Concen: 8.287 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072892.D
Acq: 09 May 2022 15:56

Tgt Ion: 92 Resp: 15506
Ion Ratio Lower Upper
92 100
91 175.5 139.6 209.4

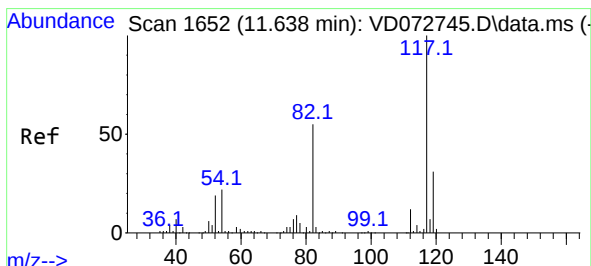
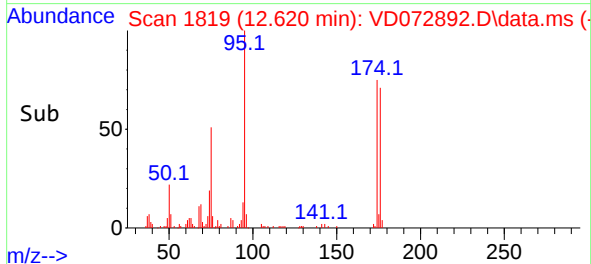
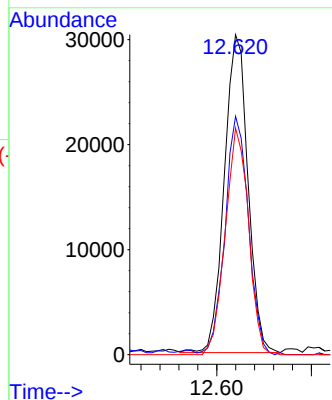
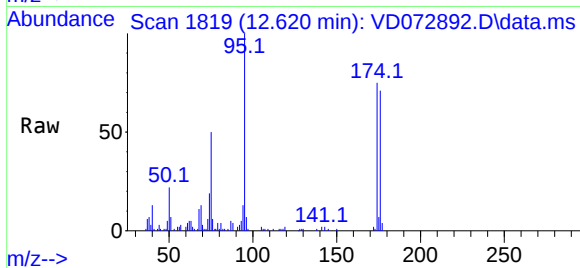




#62
4-Bromofluorobenzene
Concen: 61.340 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072892.D
Acq: 09 May 2022 15:56

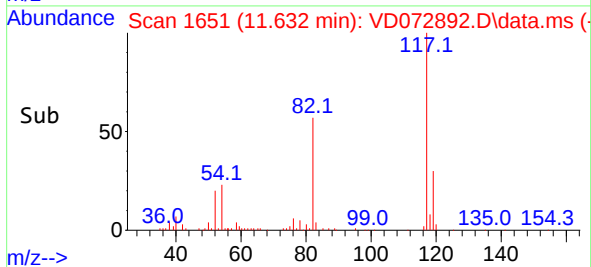
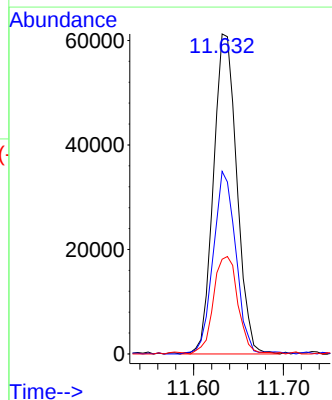
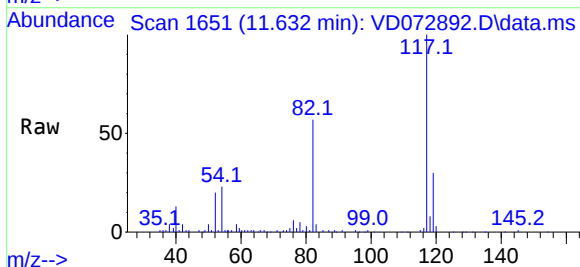
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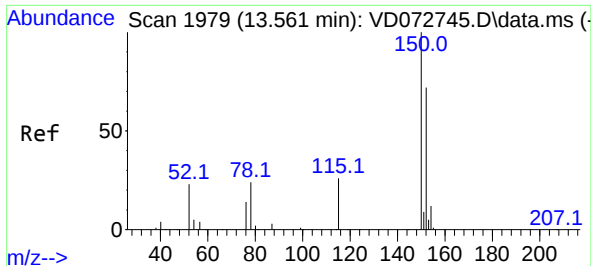
Tgt Ion:	95	Resp:	52407
Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	152.8
176	69.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072892.D
Acq: 09 May 2022 15:56

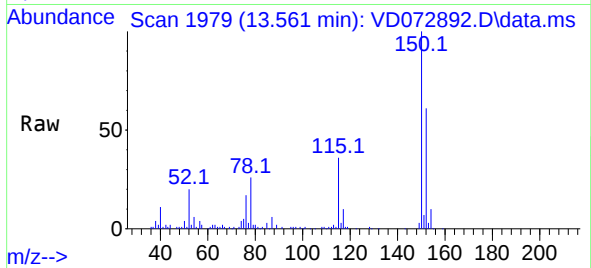
Tgt Ion:	117	Resp:	110812
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.3	67.9
119	29.2	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072892.D
 Acq: 09 May 2022 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 SWEEPINGS-050322



Tgt Ion:152 Resp: 53649

Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.3	93.8
150	160.3	0.0	348.6

