

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072819.D
 Acq On : 05 May 2022 19:34
 Operator : VA/SY
 Sample : N2674-01
 Misc : 4.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-2-050322

Quant Time: May 06 03:52:01 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)

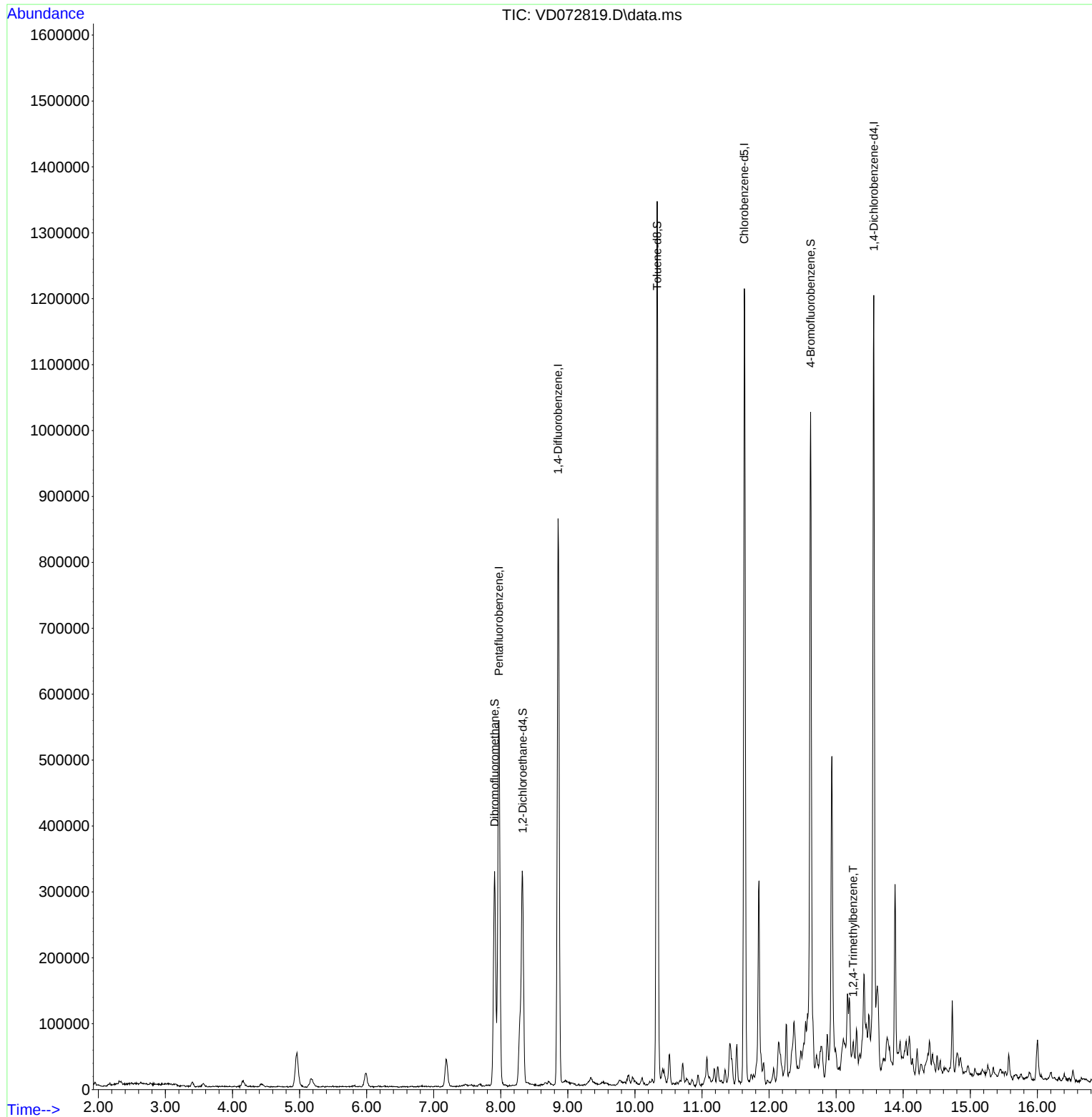
Internal Standards						
1) Pentafluorobenzene	7.973	168	381717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	703654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	663406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	253381	51.137	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	102.280%	
35) Dibromofluoromethane	7.908	113	228246	46.186	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	92.380%	
50) Toluene-d8	10.332	98	853383	48.141	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	96.280%	
62) 4-Bromofluorobenzene	12.620	95	324901	49.154	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	98.300%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.255	105	24190	1.340	ug/l	Qvalue 100

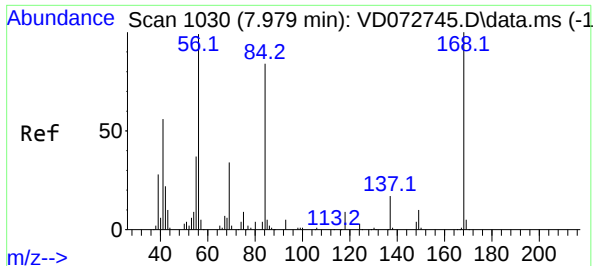
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072819.D

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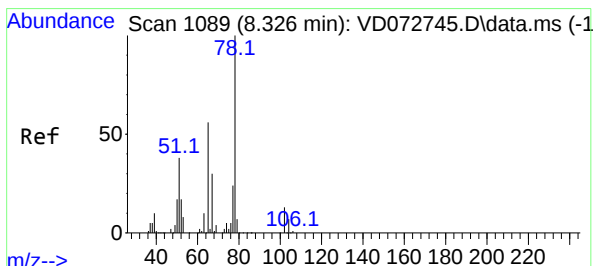
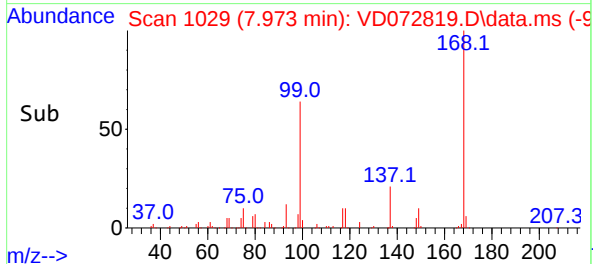
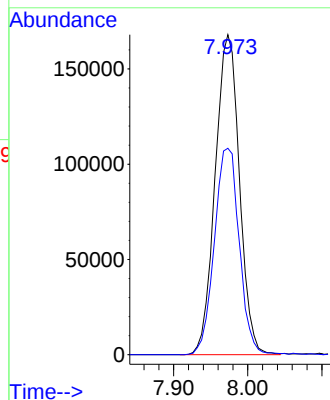
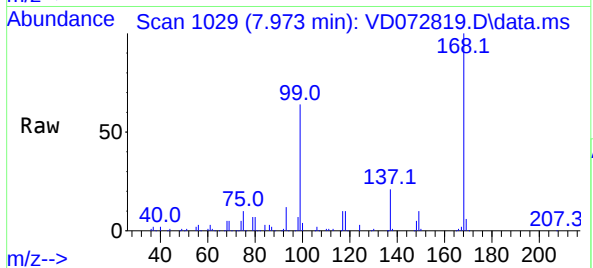
BU-2-050322

Tgt Ion:168 Resp: 381717

Ion Ratio Lower Upper

168 100

99 64.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 51.137 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072819.D

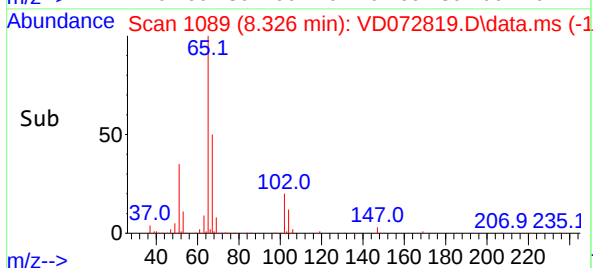
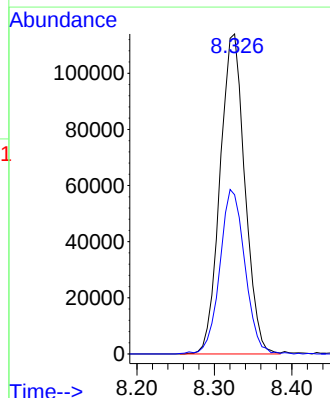
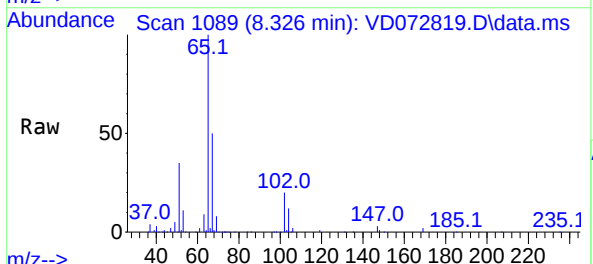
Acq: 05 May 2022 19:34

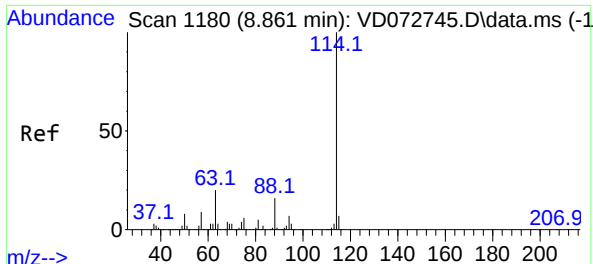
Tgt Ion: 65 Resp: 253381

Ion Ratio Lower Upper

65 100

67 52.1 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: VD072819.D

Acq: 05 May 2022 19:34

Instrument :

MSVOA_D

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BU-2-050322

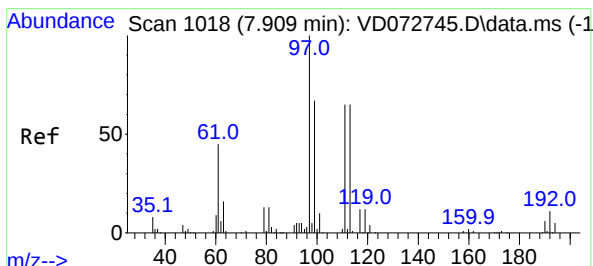
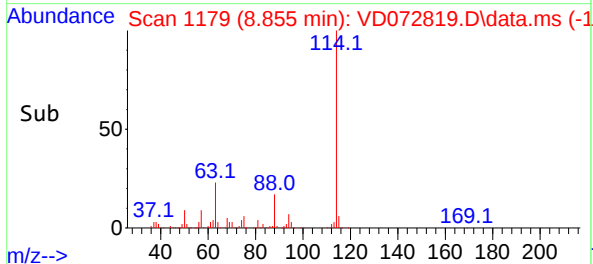
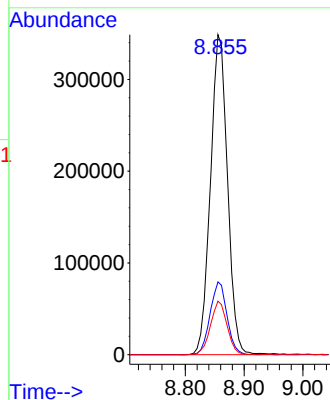
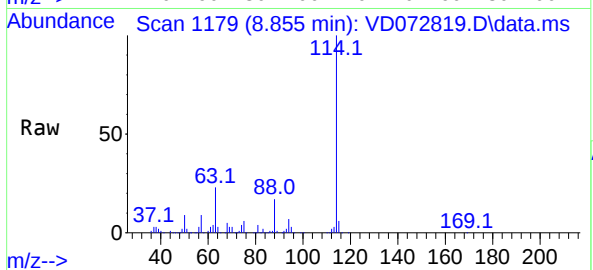
Tgt Ion:114 Resp: 703654

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.186 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072819.D

Acq: 05 May 2022 19:34

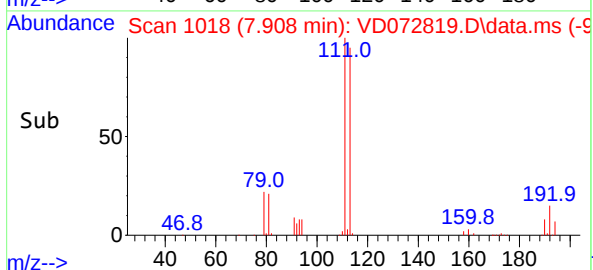
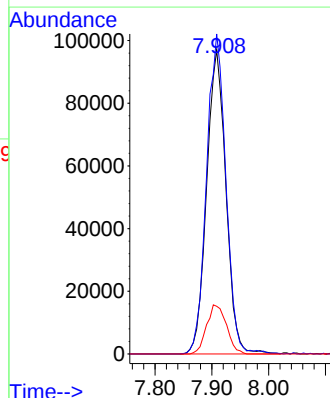
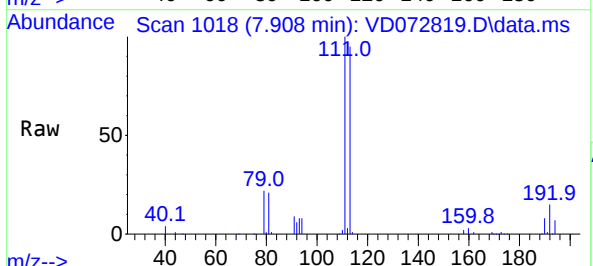
Tgt Ion:113 Resp: 228246

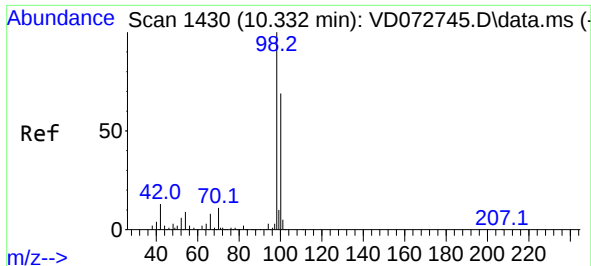
Ion Ratio Lower Upper

113 100

111 105.6 83.8 125.6

192 16.7 14.6 21.8

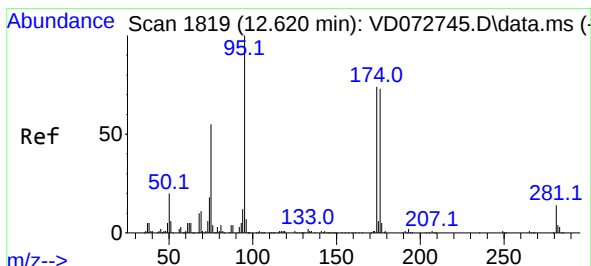
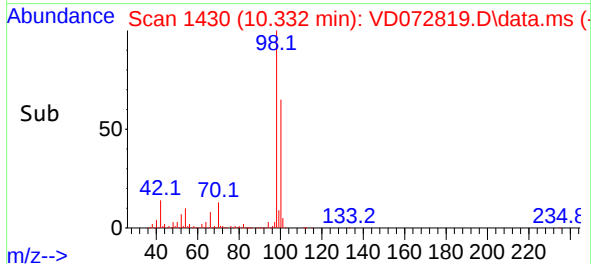
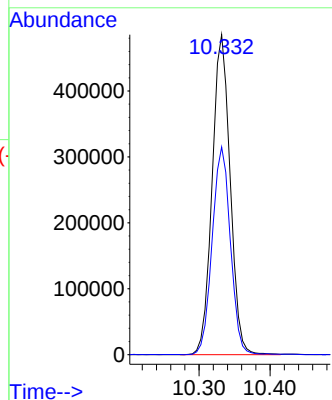
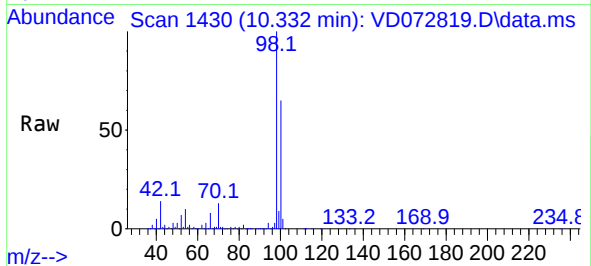




#50
Toluene-d8
Concen: 48.141 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072819.D
Acq: 05 May 2022 19:34

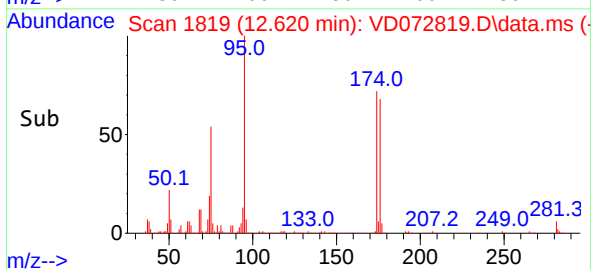
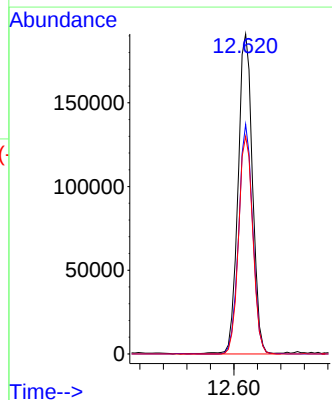
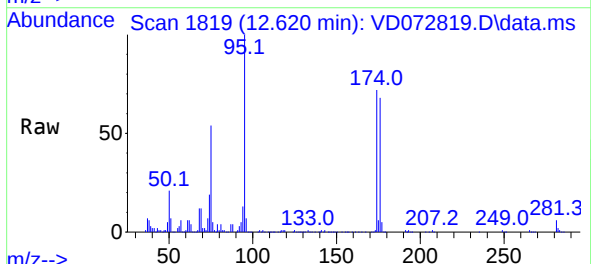
Instrument :
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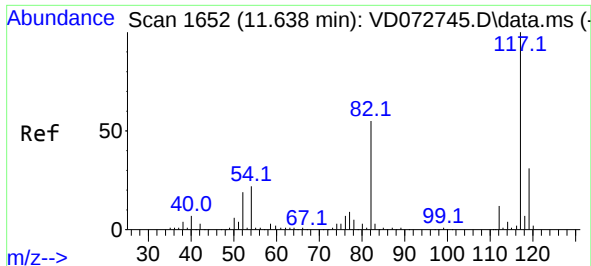
Tgt Ion: 98 Resp: 853383
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.154 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072819.D
Acq: 05 May 2022 19:34

Tgt Ion: 95 Resp: 324901
Ion Ratio Lower Upper
95 100
174 69.6 0.0 152.8
176 66.9 0.0 145.4

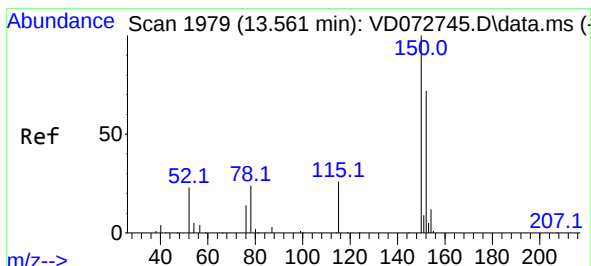
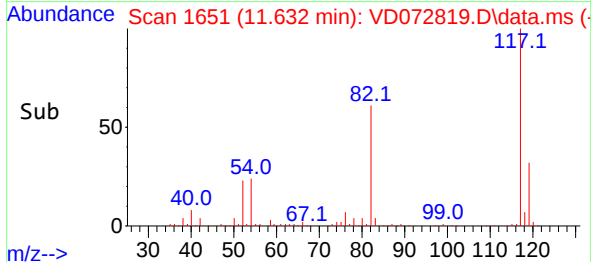
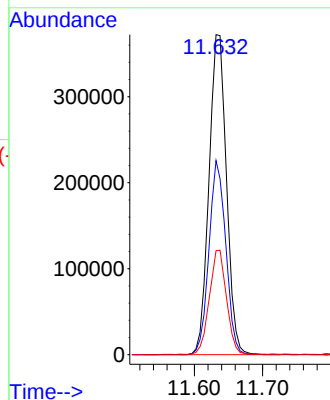
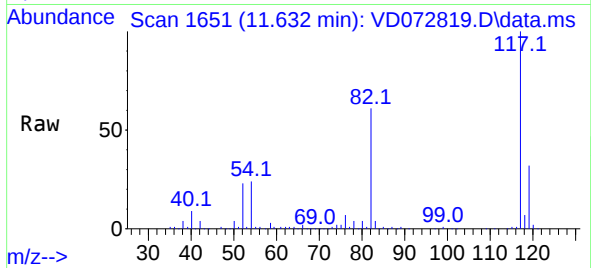




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072819.D
Acq: 05 May 2022 19:34

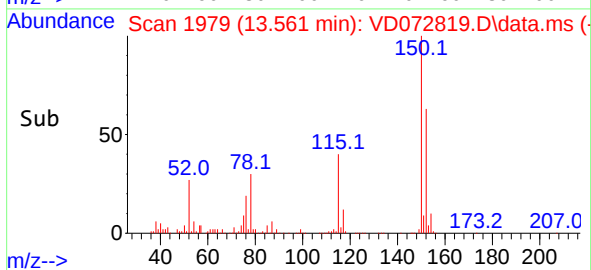
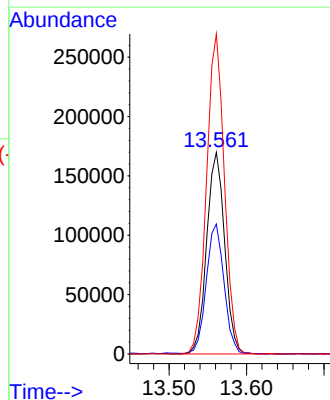
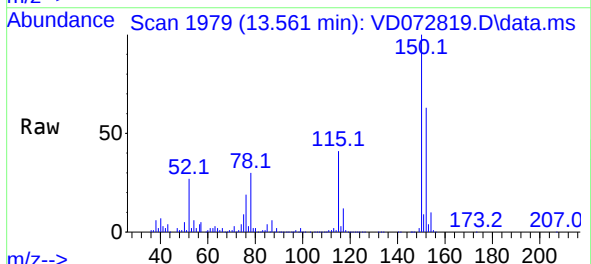
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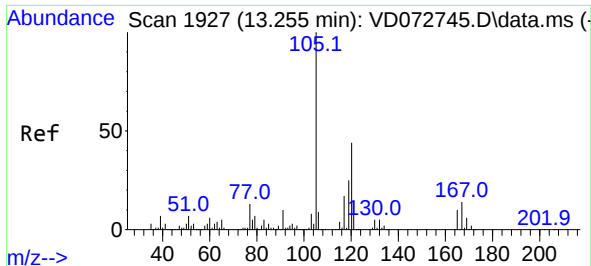
Tgt Ion:117 Resp: 663406
Ion Ratio Lower Upper
117 100
82 60.6 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072819.D
Acq: 05 May 2022 19:34

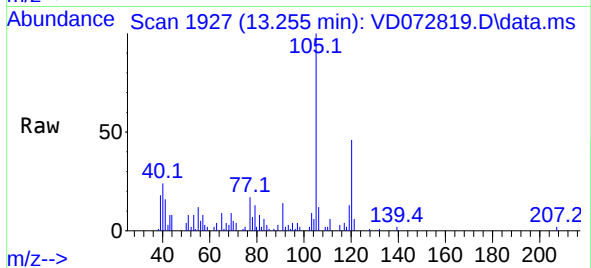
Tgt Ion:152 Resp: 273665
Ion Ratio Lower Upper
152 100
115 64.1 31.3 93.8
150 157.7 0.0 348.6





#84
1,2,4-Trimethylbenzene
Concen: 1.340 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072819.D
Acq: 05 May 2022 19:34

Instrument :
MSVOA_D
ClientSampleId :
BU-2-050322



Tgt Ion:105 Resp: 24190
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8

