

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073085.D
 Acq On : 18 May 2022 05:37
 Operator : VA/SY
 Sample : N2847-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 REDBOX-164718

Quant Time: May 18 06:23:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

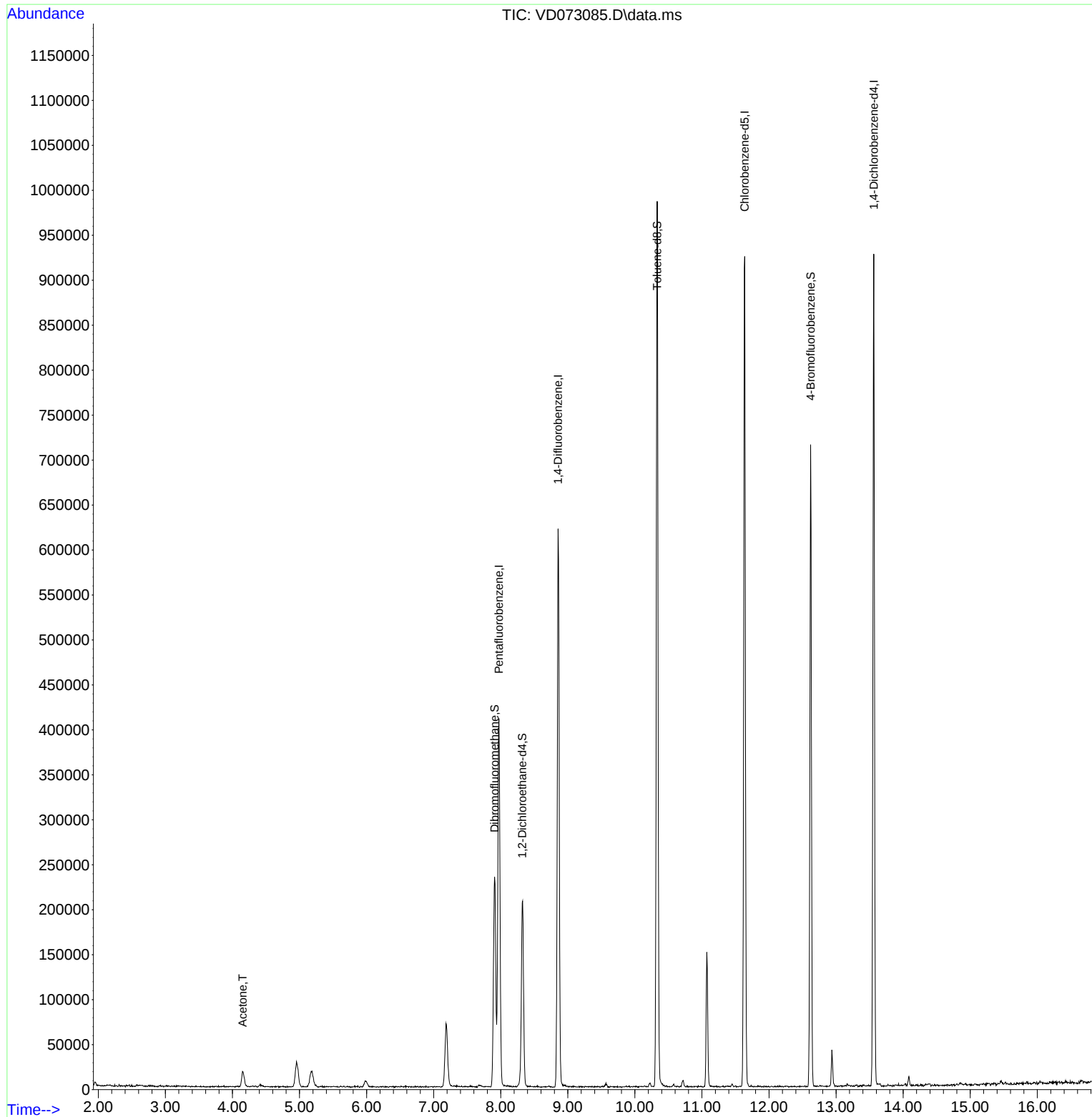
Internal Standards						
1) Pentafluorobenzene	7.973	168	298205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	527330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	536369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	241192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	164560	44.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.260%
35) Dibromofluoromethane	7.909	113	176454	47.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.320%
50) Toluene-d8	10.332	98	647863	48.234	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.620	95	229951	47.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.540%
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	30156	44.684	ug/l	95

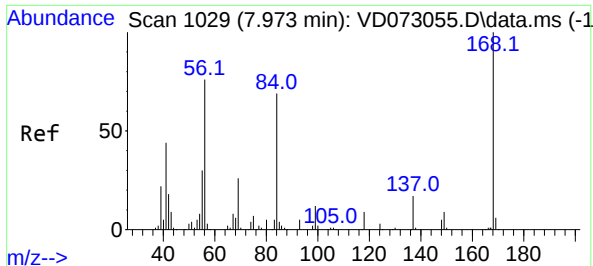
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

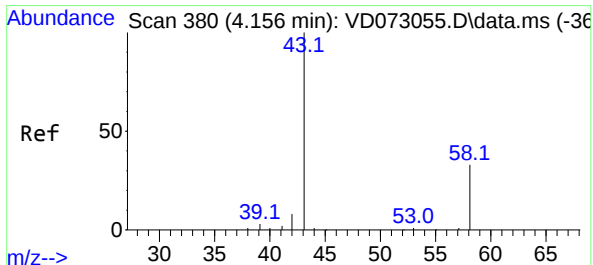
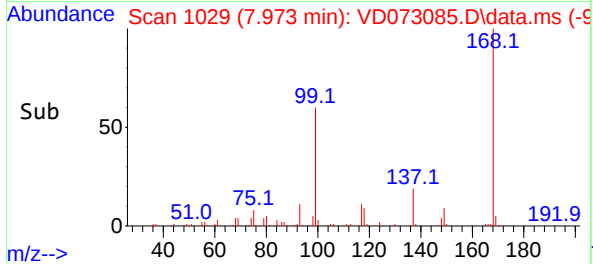
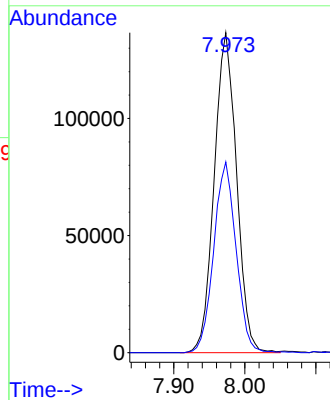
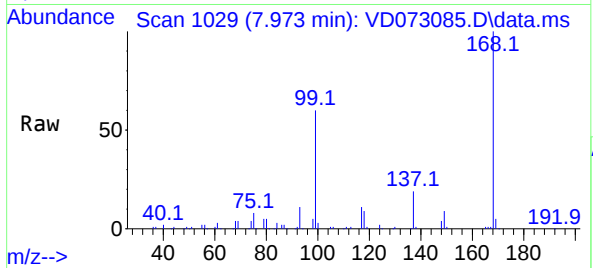
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Tgt Ion:168 Resp: 298205

Ion Ratio Lower Upper

168 100

99 59.6 49.8 74.6



#16

Acetone

Concen: 44.684 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD073085.D

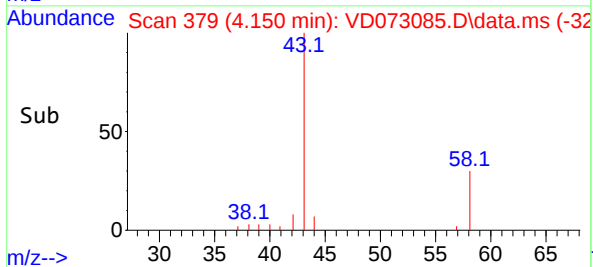
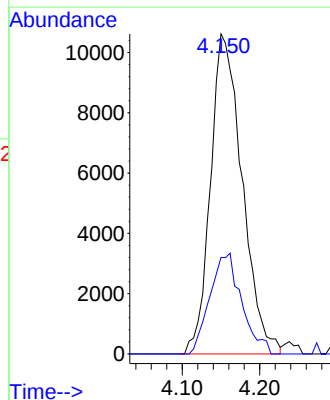
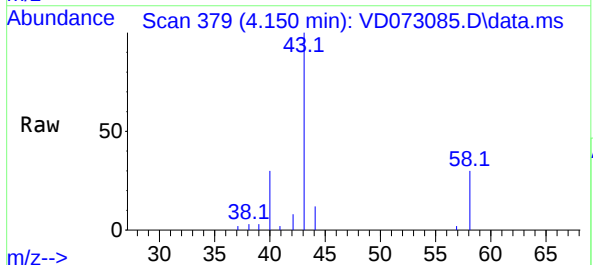
Acq: 18 May 2022 05:37

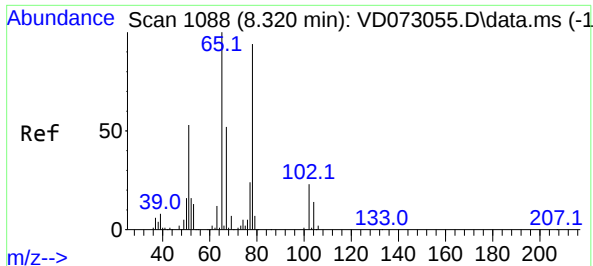
Tgt Ion: 43 Resp: 30156

Ion Ratio Lower Upper

43 100

58 30.1 22.1 33.1

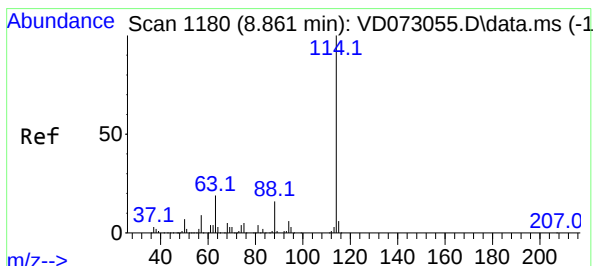
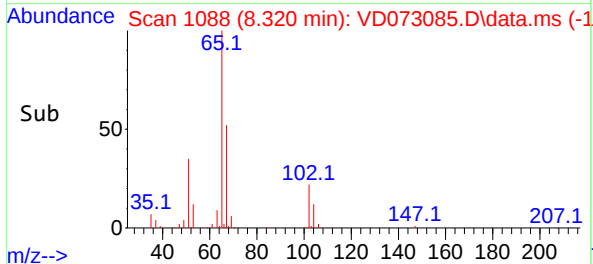
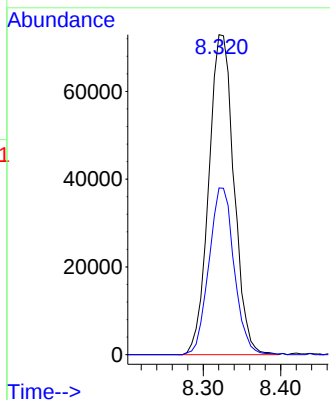
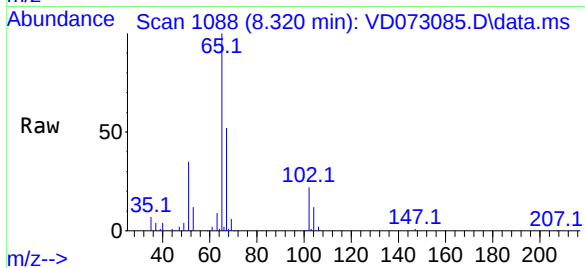




#33
1,2-Dichloroethane-d4
Concen: 44.126 ug/l
RT: 8.320 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD073085.D
Acq: 18 May 2022 05:37

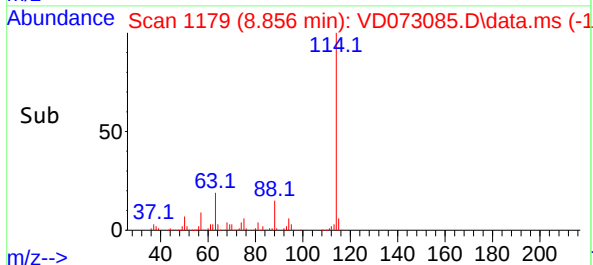
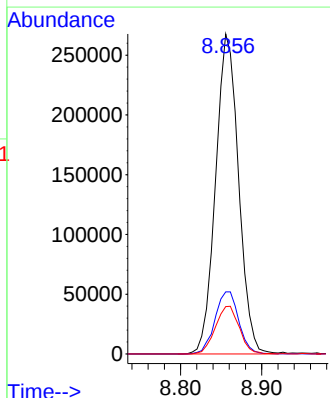
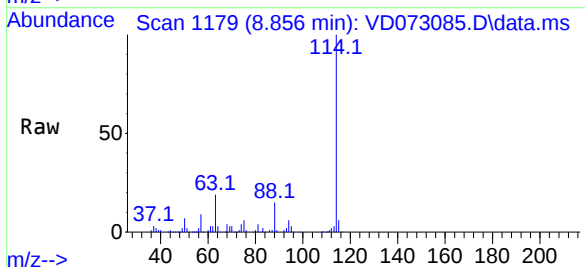
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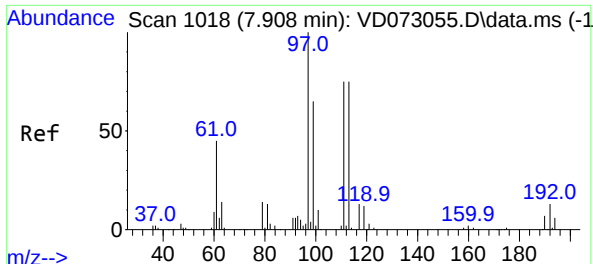
Tgt Ion: 65 Resp: 164560
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073085.D
Acq: 18 May 2022 05:37

Tgt Ion: 114 Resp: 527330
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.659 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073085.D

Acq: 18 May 2022 05:37

Instrument :

MSVOA_D

ClientSampleId :

REDBOX-164718

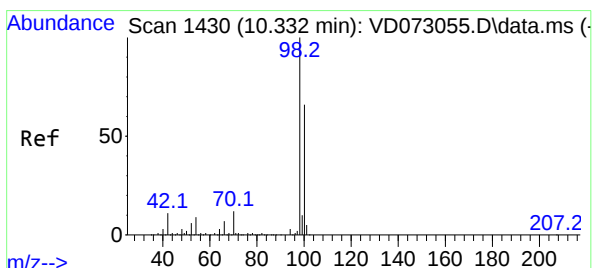
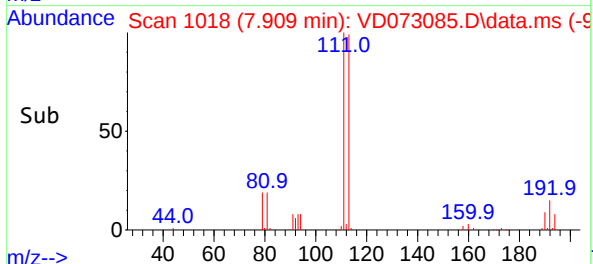
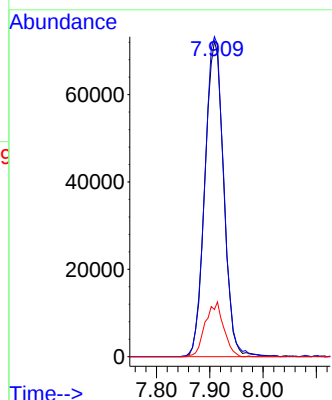
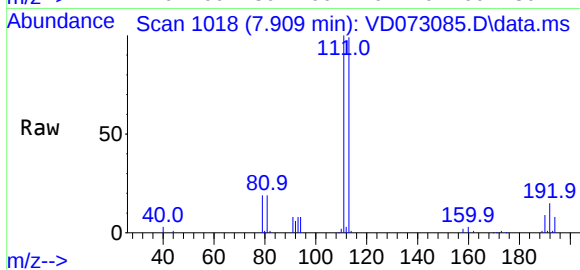
Tgt Ion:113 Resp: 176454

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 17.0 14.6 21.8



#50

Toluene-d8

Concen: 48.234 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073085.D

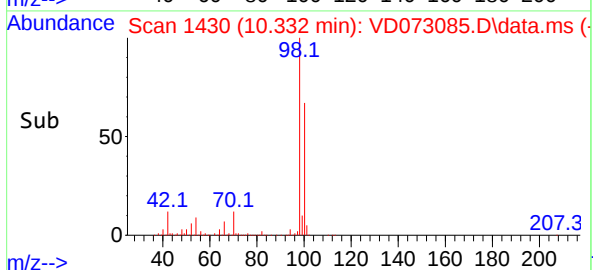
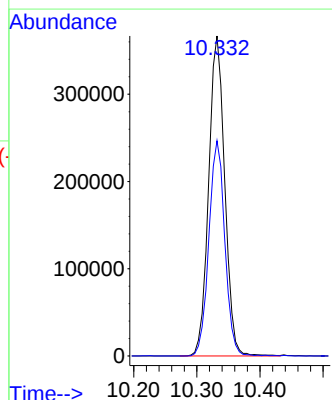
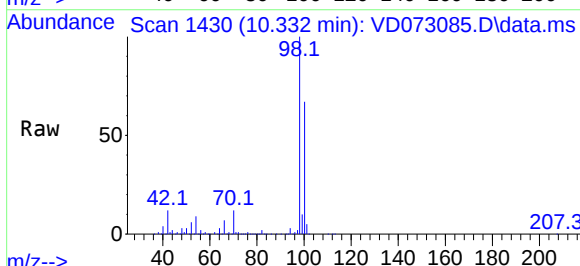
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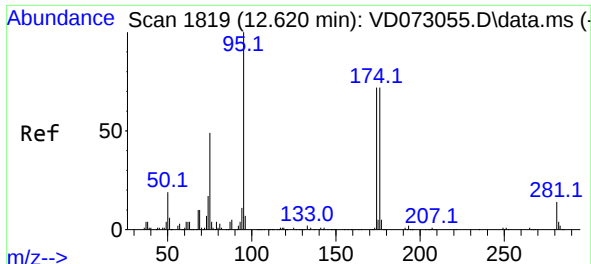
Tgt Ion: 98 Resp: 647863

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6

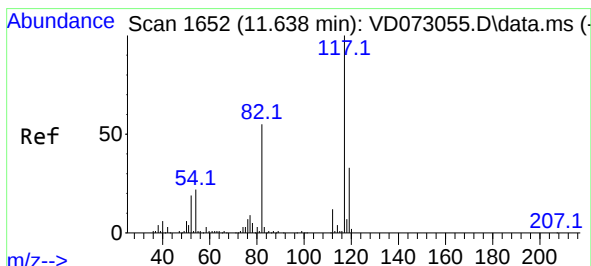
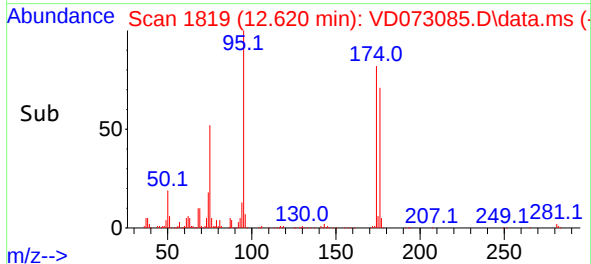
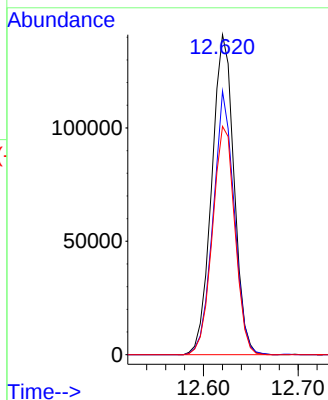
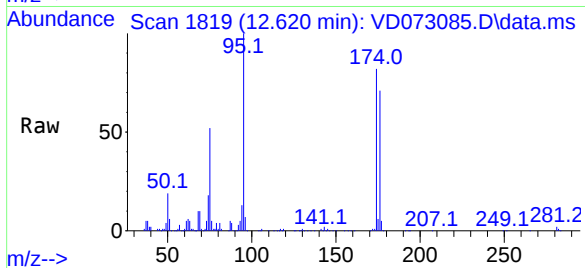




#62
4-Bromofluorobenzene
Concen: 47.267 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073085.D
Acq: 18 May 2022 05:37

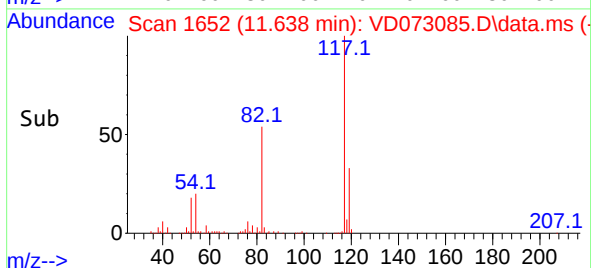
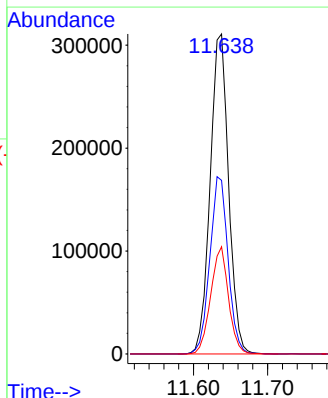
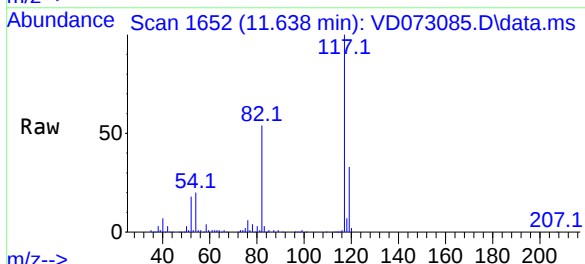
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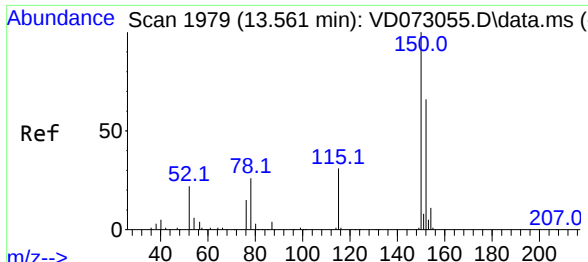
Tgt Ion: 95 Resp: 229951
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 72.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073085.D
Acq: 18 May 2022 05:37

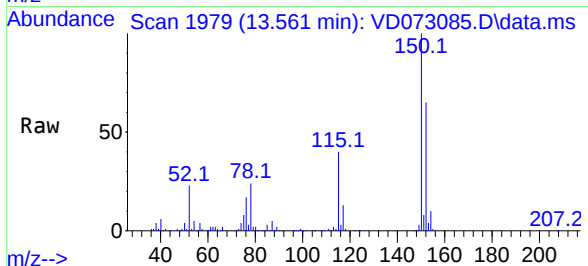
Tgt Ion: 117 Resp: 536369
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 33.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073085.D
 Acq: 18 May 2022 05:37

Instrument :
 MSVOA_D
 ClientSampleId :
 REDBOX-164718



Tgt Ion:152 Resp: 241192

Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.3	93.8
150	155.9	0.0	348.6

