

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073763.D
 Acq On : 01 Jul 2022 14:36
 Operator : VA/SY
 Sample : N3502-07RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-44-UCRE

Quant Time: Jul 05 05:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

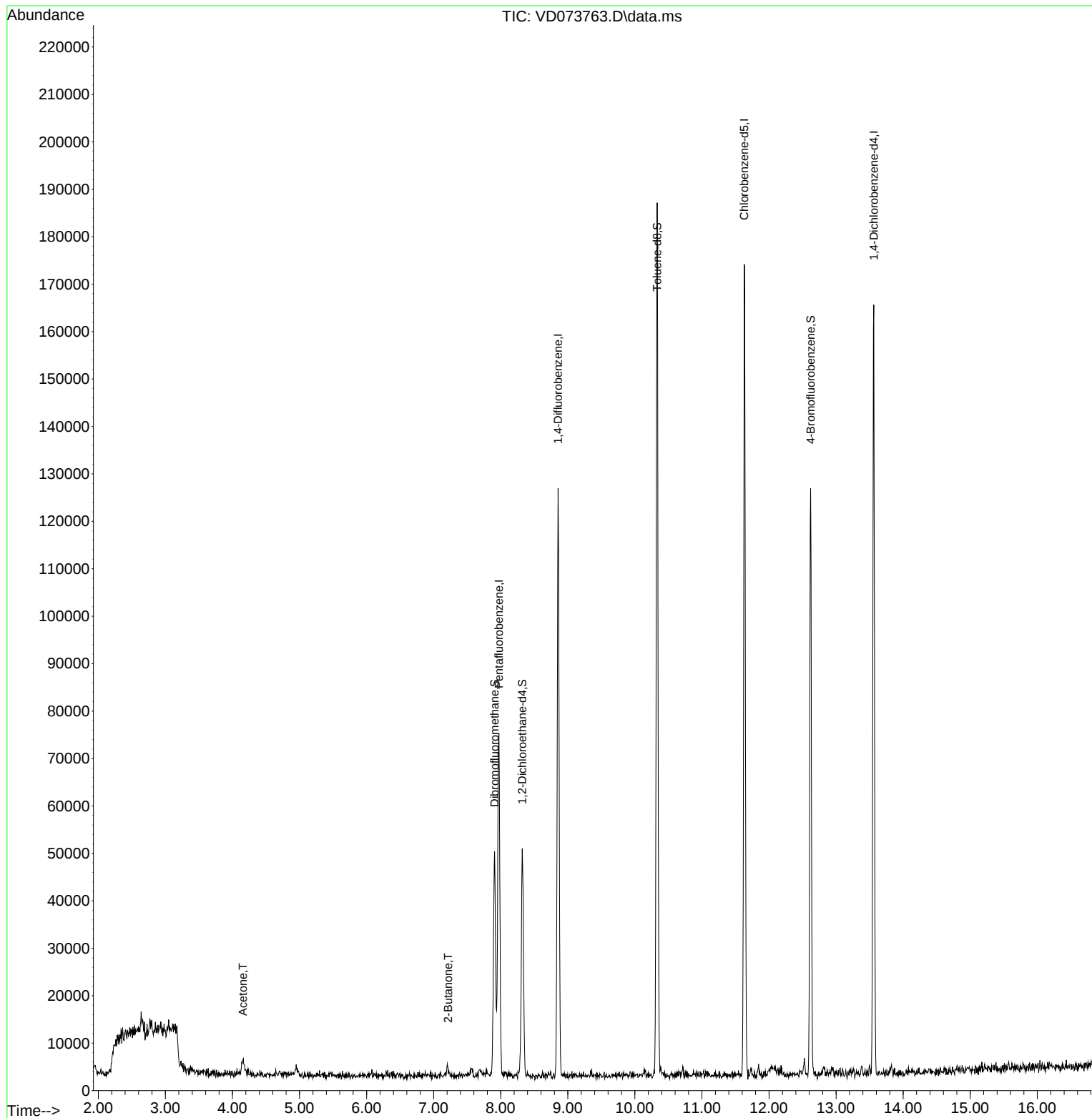
Internal Standards						
1) Pentafluorobenzene	7.973	168	48425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	99538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	91666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	40119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	36446	77.150	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	154.300%	
35) Dibromofluoromethane	7.909	113	32806	60.670	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	121.340%	
50) Toluene-d8	10.332	98	123999	62.515	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	125.020%	
62) 4-Bromofluorobenzene	12.620	95	43177	55.190	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	110.380%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	5975	60.792	ug/l	99
25) 2-Butanone	7.215	43	1410	8.736	ug/l #	65

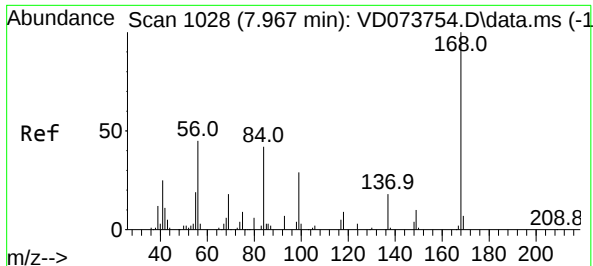
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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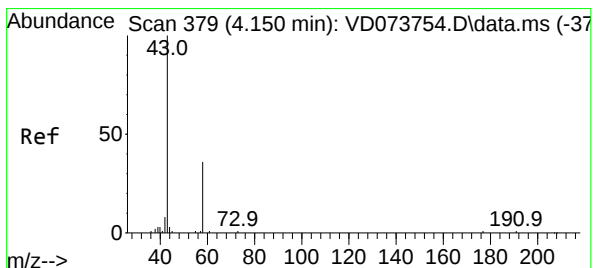
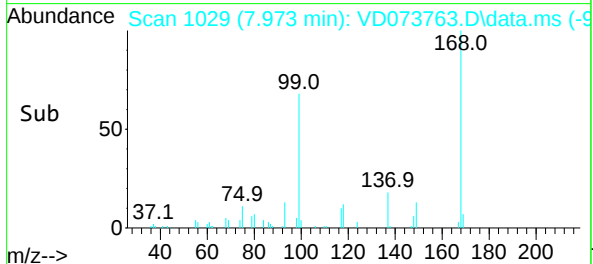
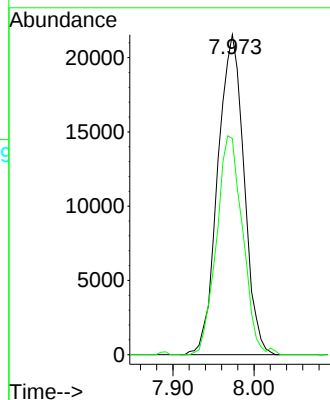
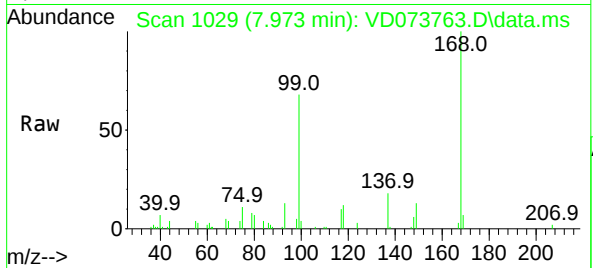




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

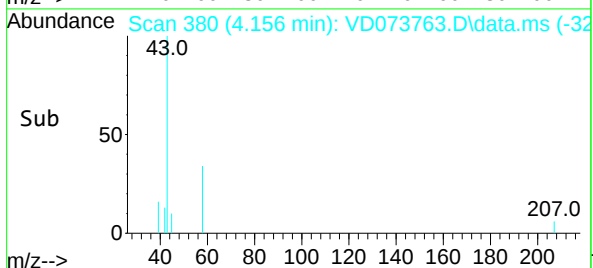
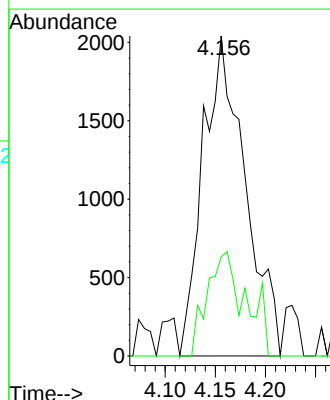
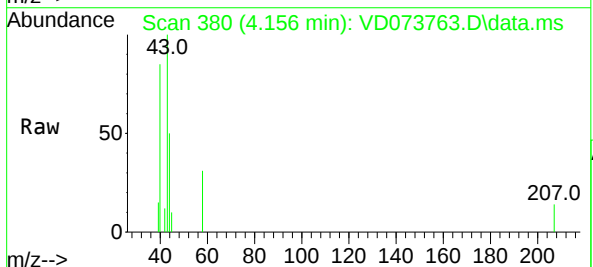
Instrument :
MSVOA_D
ClientSampleId :
D-44-UCRE

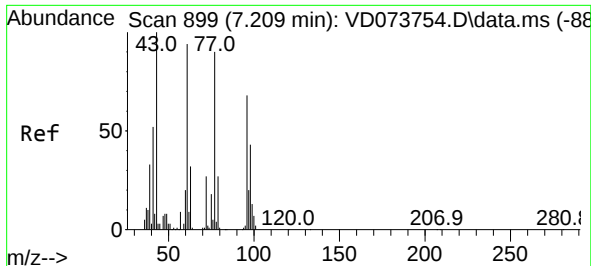
Tgt Ion:168 Resp: 48425
Ion Ratio Lower Upper
168 100
99 67.6 46.4 69.6



#16
Acetone
Concen: 60.792 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion: 43 Resp: 5975
Ion Ratio Lower Upper
43 100
58 31.0 25.2 37.8

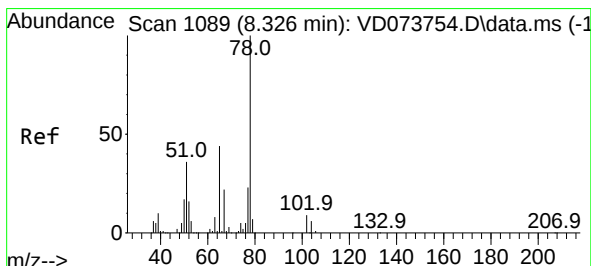
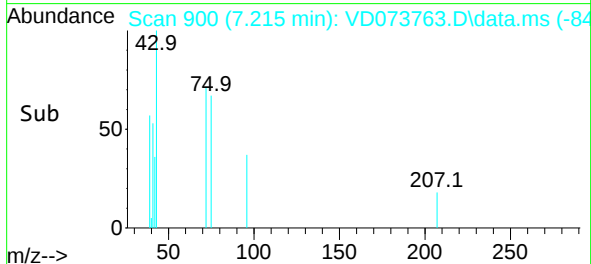
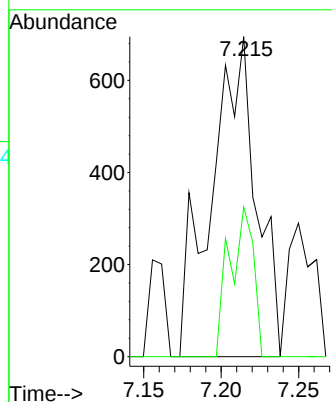
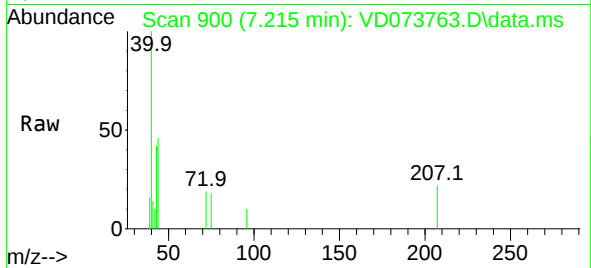




#25
2-Butanone
Concen: 8.736 ug/l
RT: 7.215 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

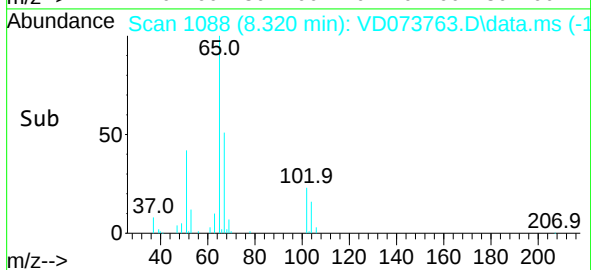
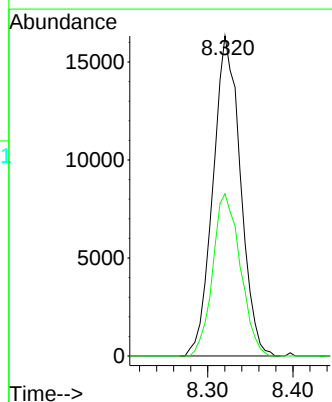
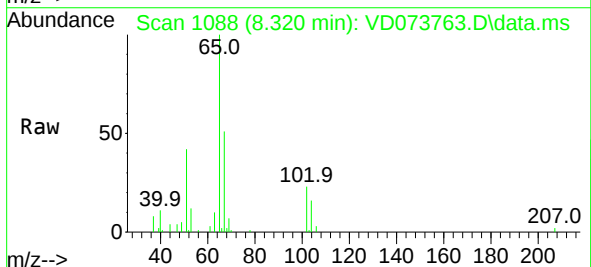
Instrument :
MSVOA_D
ClientSampleId :
D-44-UCRE

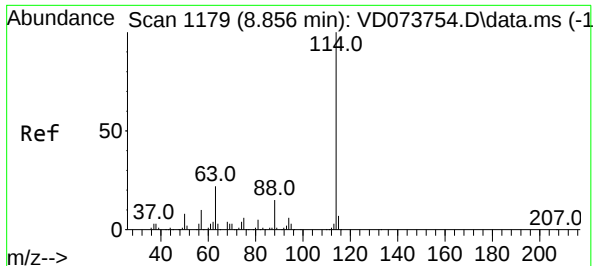
Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
72 46.8 22.6 33.8#



#33
1,2-Dichloroethane-d4
Concen: 77.150 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion: 65 Resp: 36446
Ion Ratio Lower Upper
65 100
67 50.9 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073763.D

Acq: 01 Jul 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

D-44-UCRE

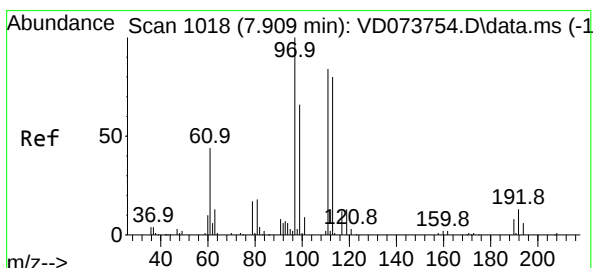
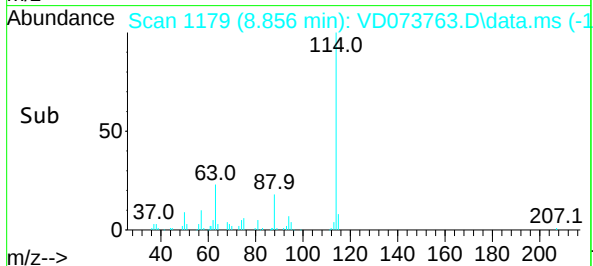
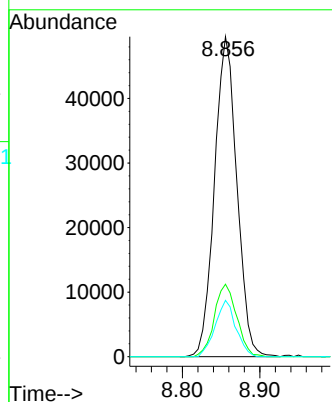
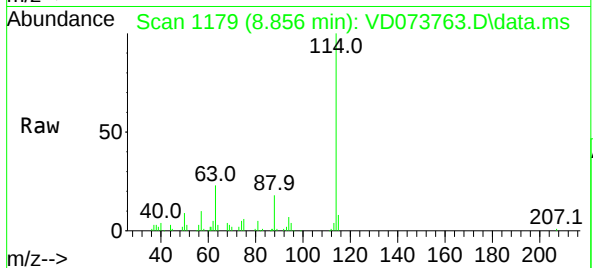
Tgt Ion:114 Resp: 99538

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.2

88 17.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 60.670 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073763.D

Acq: 01 Jul 2022 14:36

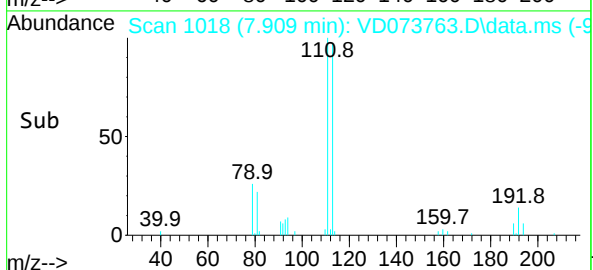
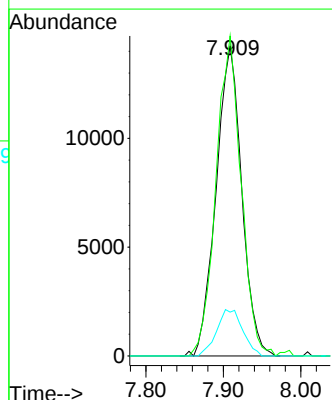
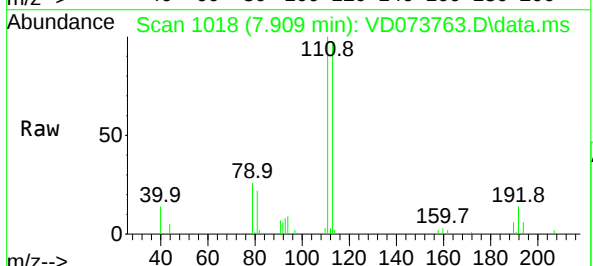
Tgt Ion:113 Resp: 32806

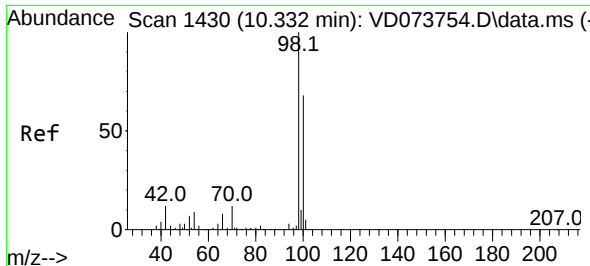
Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.6

192 15.2 14.8 22.2

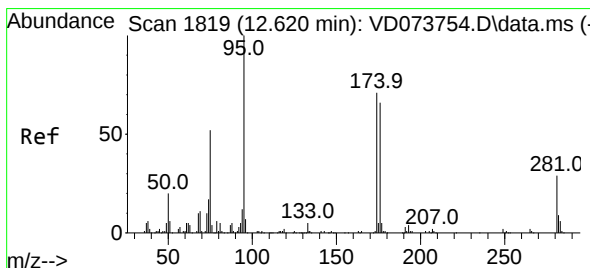
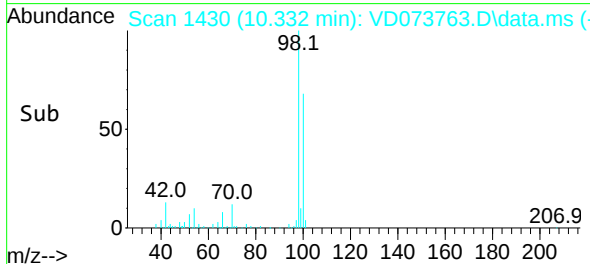
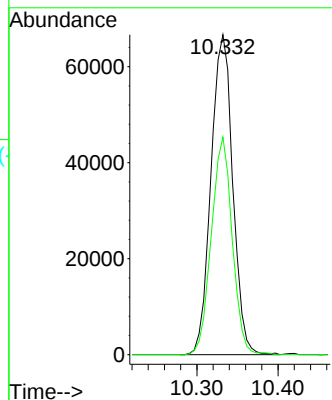
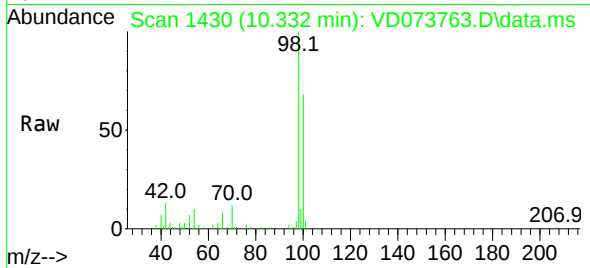




#50
Toluene-d8
Concen: 62.515 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

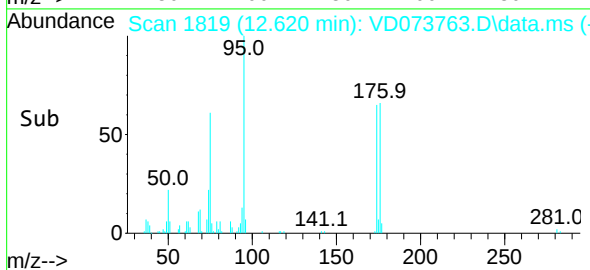
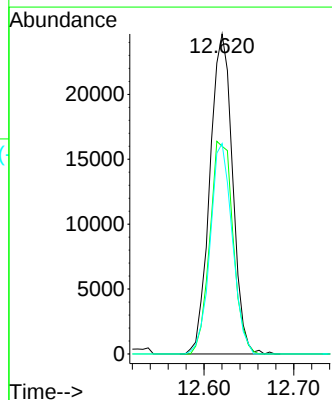
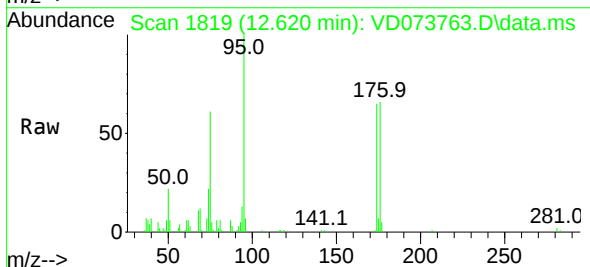
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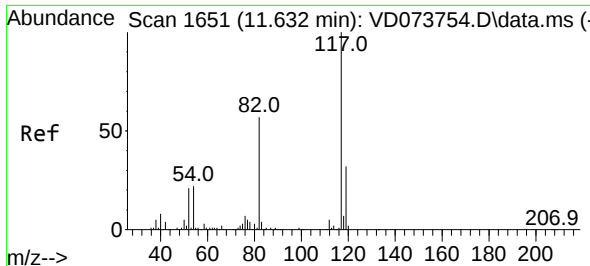
Tgt Ion: 98 Resp: 123999
Ion Ratio Lower Upper
98 100
100 65.2 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 55.190 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion: 95 Resp: 43177
Ion Ratio Lower Upper
95 100
174 68.2 0.0 158.4
176 64.1 0.0 154.8

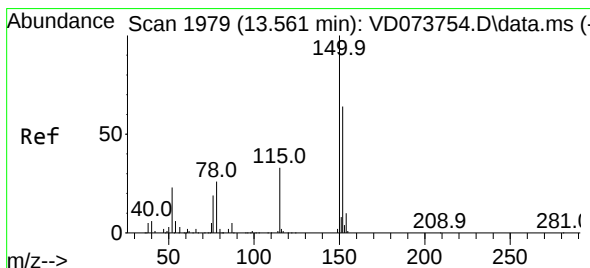
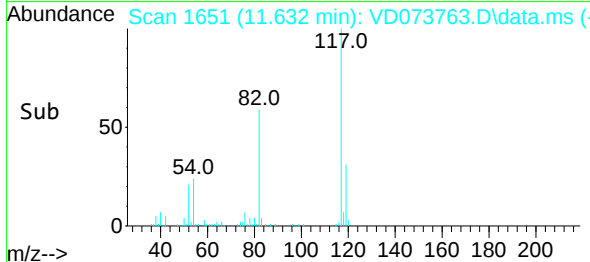
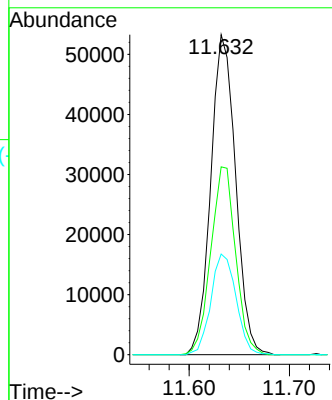
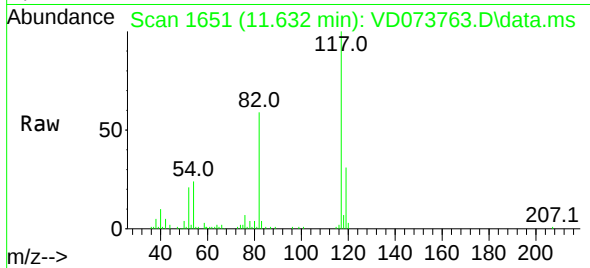




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :
D-44-UCRE

Tgt Ion:117 Resp: 91666
Ion Ratio Lower Upper
117 100
82 58.7 41.5 62.3
119 31.5 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion:152 Resp: 40119
Ion Ratio Lower Upper
152 100
115 66.0 30.6 91.6
150 156.6 0.0 355.0

