

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071856.D
 Acq On : 31 Jan 2022 20:18
 Operator : VA/SY
 Sample : N1284-01
 Misc : 3.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Quant Time: Feb 01 04:06:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

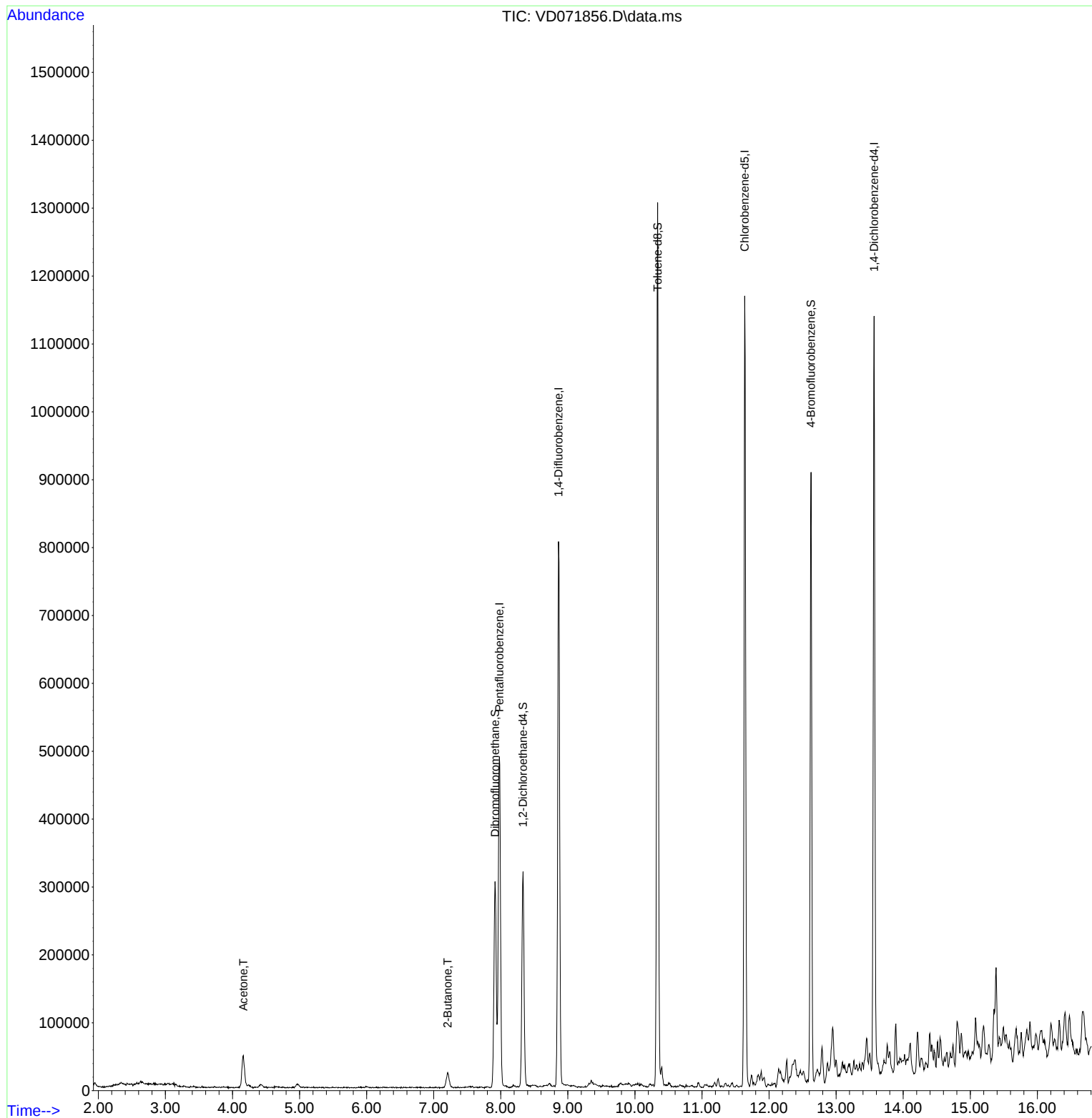
Internal Standards						
1) Pentafluorobenzene	7.979	168	344651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	647367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	605029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	274596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	252132	57.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.760%	
35) Dibromofluoromethane	7.914	113	216977	50.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.980%	
50) Toluene-d8	10.338	98	830838	52.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.626	95	277648	50.029	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.060%	
Target Compounds						Qvalue
16) Acetone	4.161	43	85990	72.111	ug/l	94
25) 2-Butanone	7.208	43	31566	22.707	ug/l	100

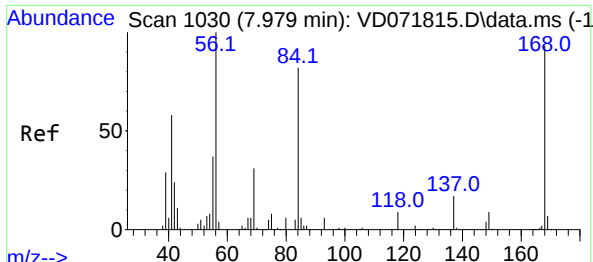
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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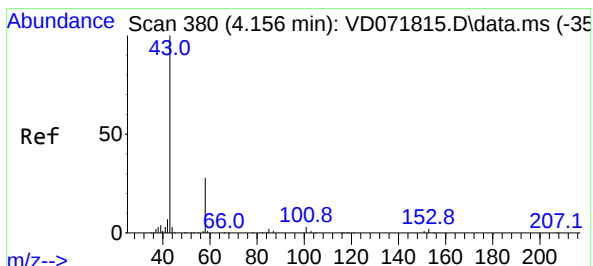
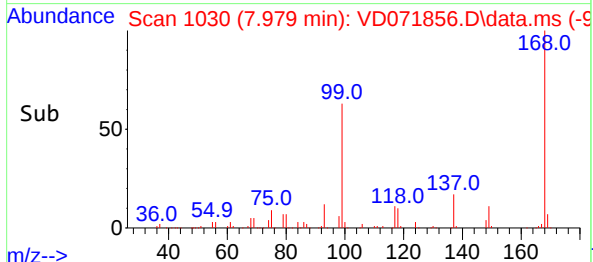
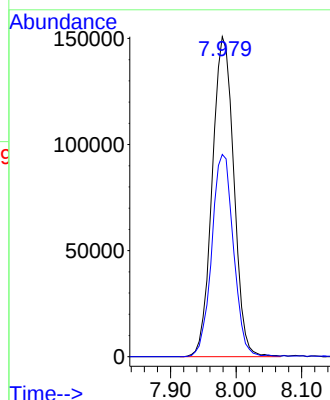
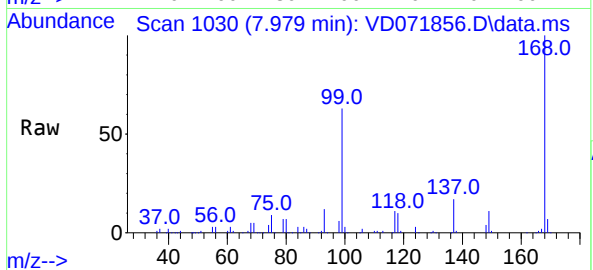




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

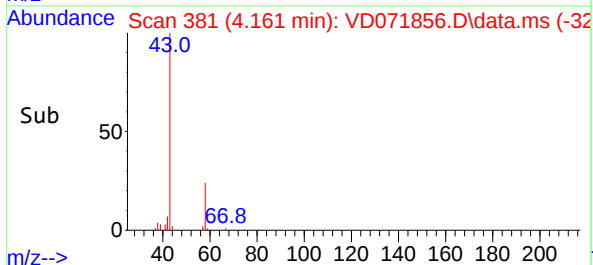
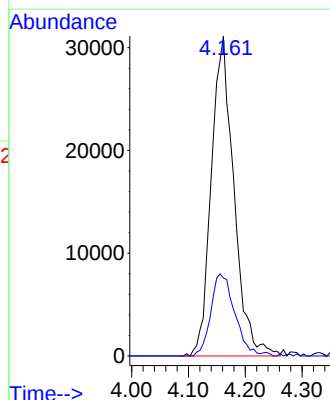
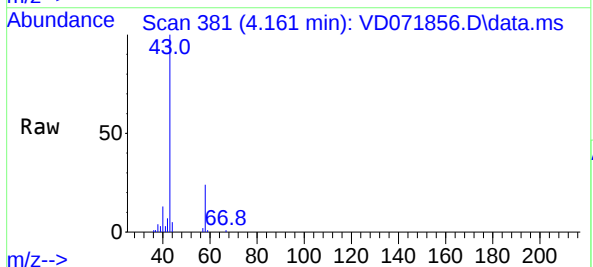
Instrument :
MSVOA_D
ClientSampleId :
S-1

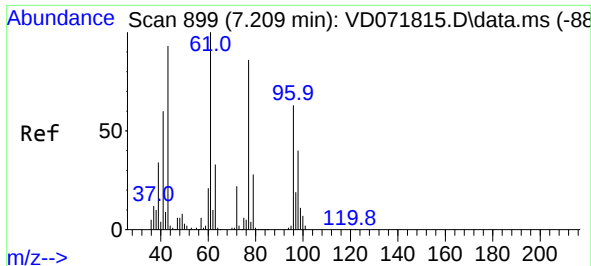
Tgt Ion:168 Resp: 344651
Ion Ratio Lower Upper
168 100
99 63.2 49.8 74.6



#16
Acetone
Concen: 72.111 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 43 Resp: 85990
Ion Ratio Lower Upper
43 100
58 24.4 22.1 33.1





#25

2-Butanone

Concen: 22.707 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071856.D

Acq: 31 Jan 2022 20:18

Instrument :

MSVOA_D

ClientSampleId :

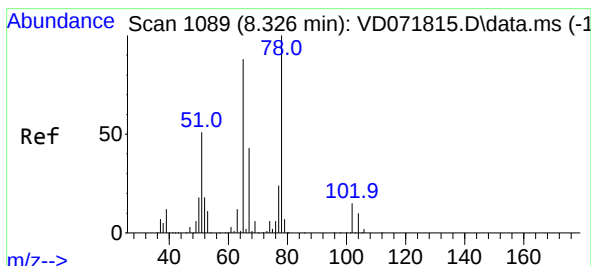
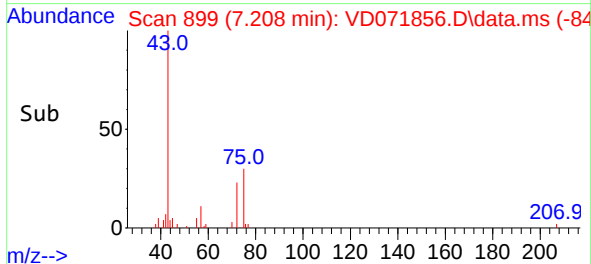
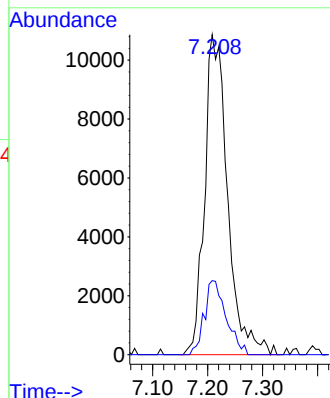
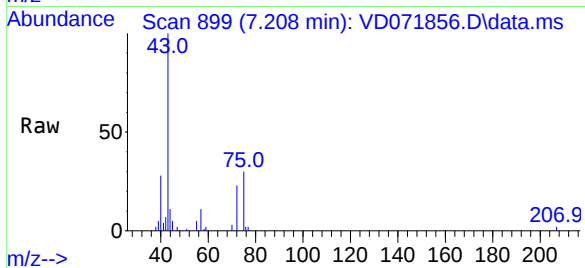
S-1

Tgt Ion: 43 Resp: 31566

Ion Ratio Lower Upper

43 100

72 23.2 18.6 27.8



#33

1,2-Dichloroethane-d4

Concen: 57.879 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071856.D

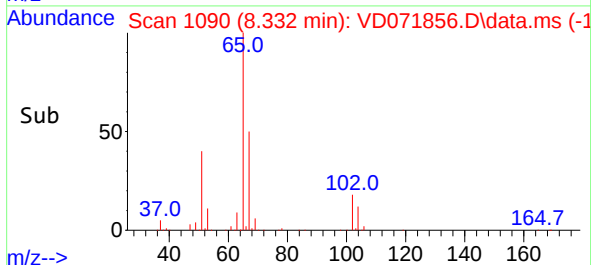
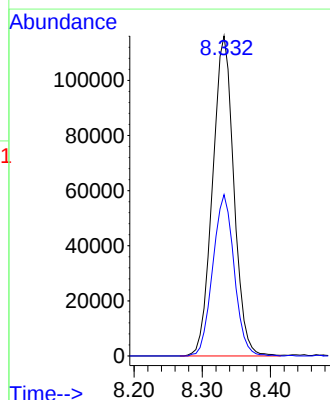
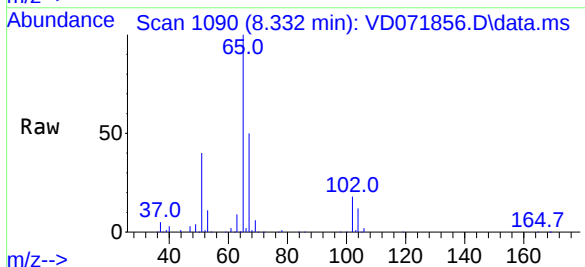
Acq: 31 Jan 2022 20:18

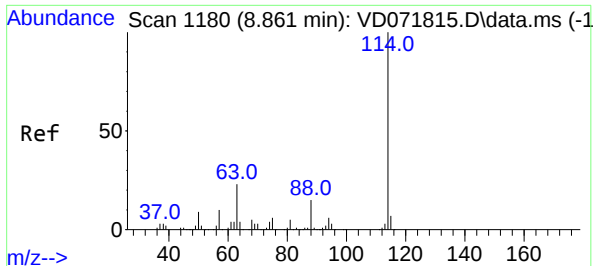
Tgt Ion: 65 Resp: 252132

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071856.D

Acq: 31 Jan 2022 20:18

Instrument :

MSVOA_D

ClientSampleId :

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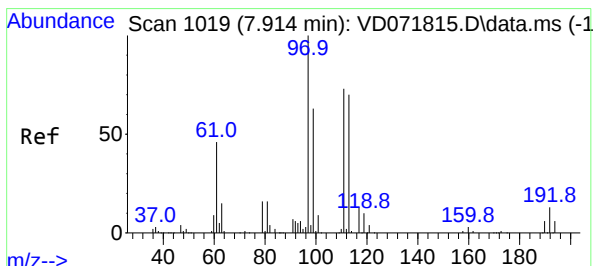
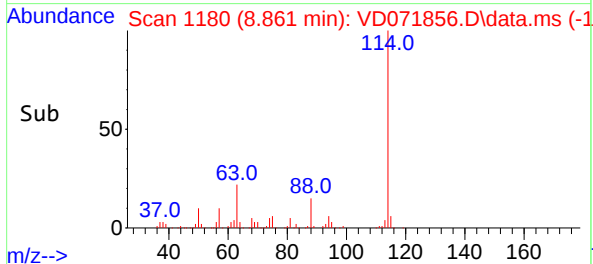
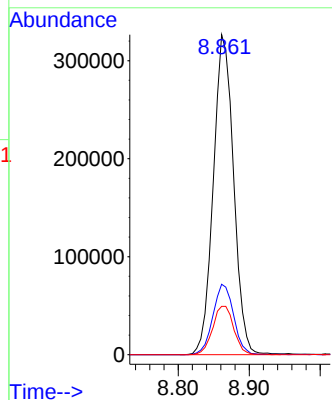
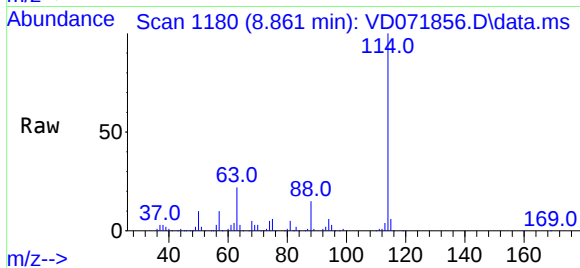
Tgt Ion:114 Resp: 647367

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.989 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071856.D

Acq: 31 Jan 2022 20:18

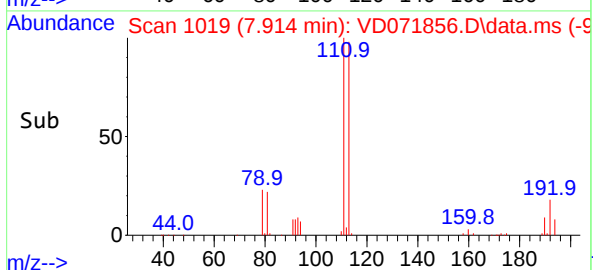
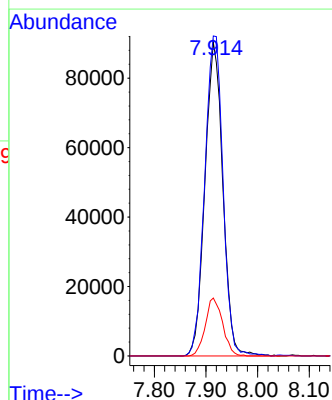
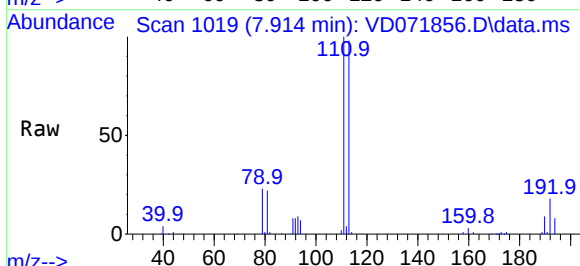
Tgt Ion:113 Resp: 216977

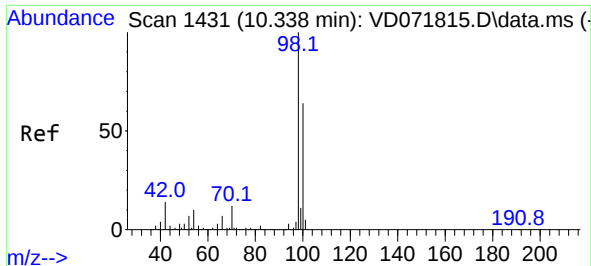
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 17.9 14.6 21.8

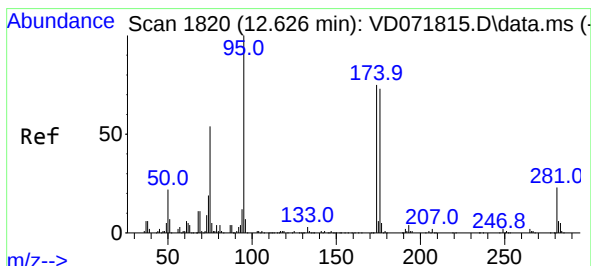
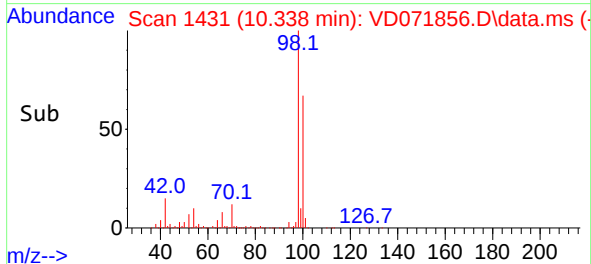
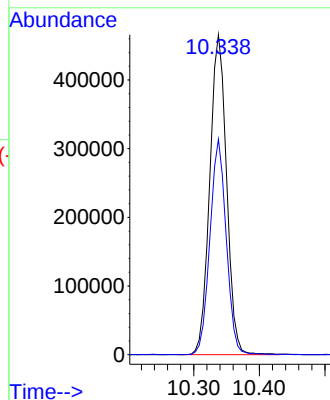
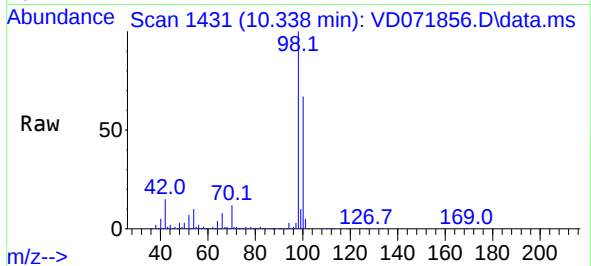




#50
Toluene-d8
Concen: 52.279 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

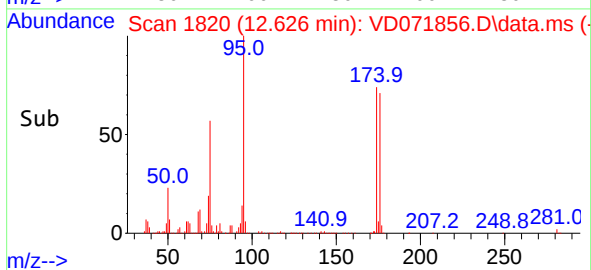
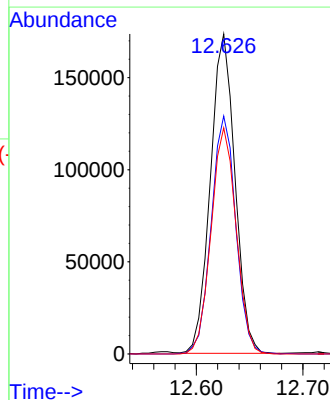
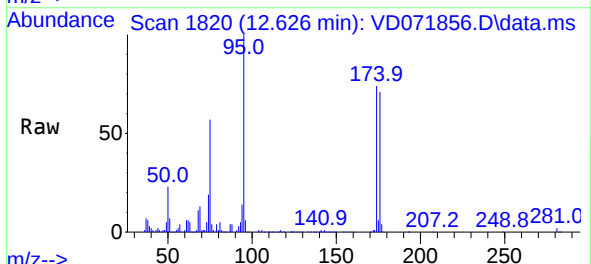
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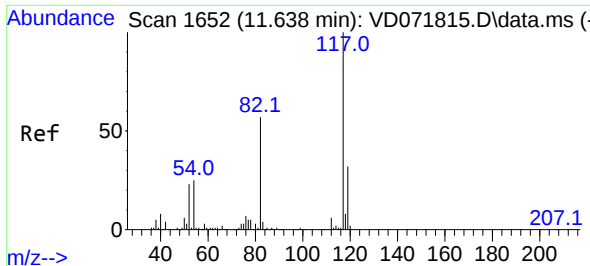
Tgt Ion: 98 Resp: 830838
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.029 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion: 95 Resp: 277648
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.8
176 71.9 0.0 145.4

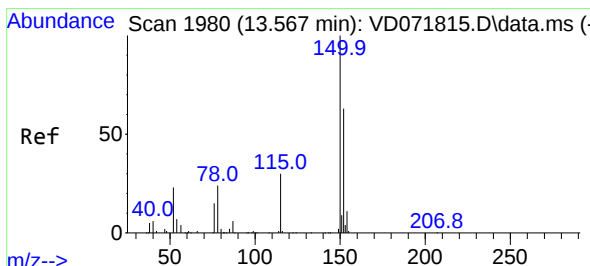
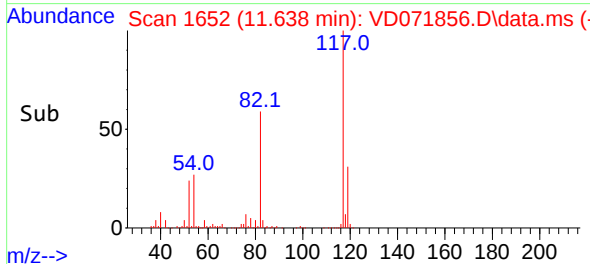
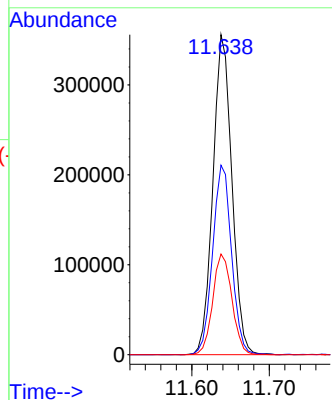
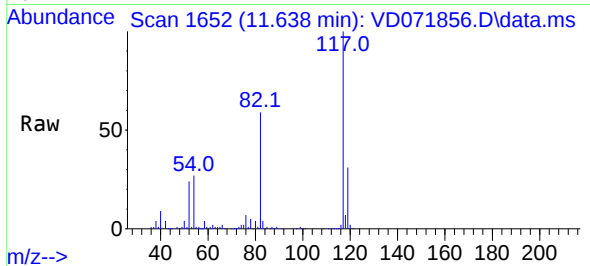




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Instrument :
MSVOA_D
ClientSampleId :
S-1

Tgt Ion:117 Resp: 605029
Ion Ratio Lower Upper
117 100
82 59.2 45.3 67.9
119 31.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071856.D
Acq: 31 Jan 2022 20:18

Tgt Ion:152 Resp: 274596
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.2 0.0 348.6

