

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073371.D
 Acq On : 25 May 2022 20:15
 Operator : VA/SY
 Sample : N2886-15
 Misc : 3.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS006-0006-01

Quant Time: May 26 02:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

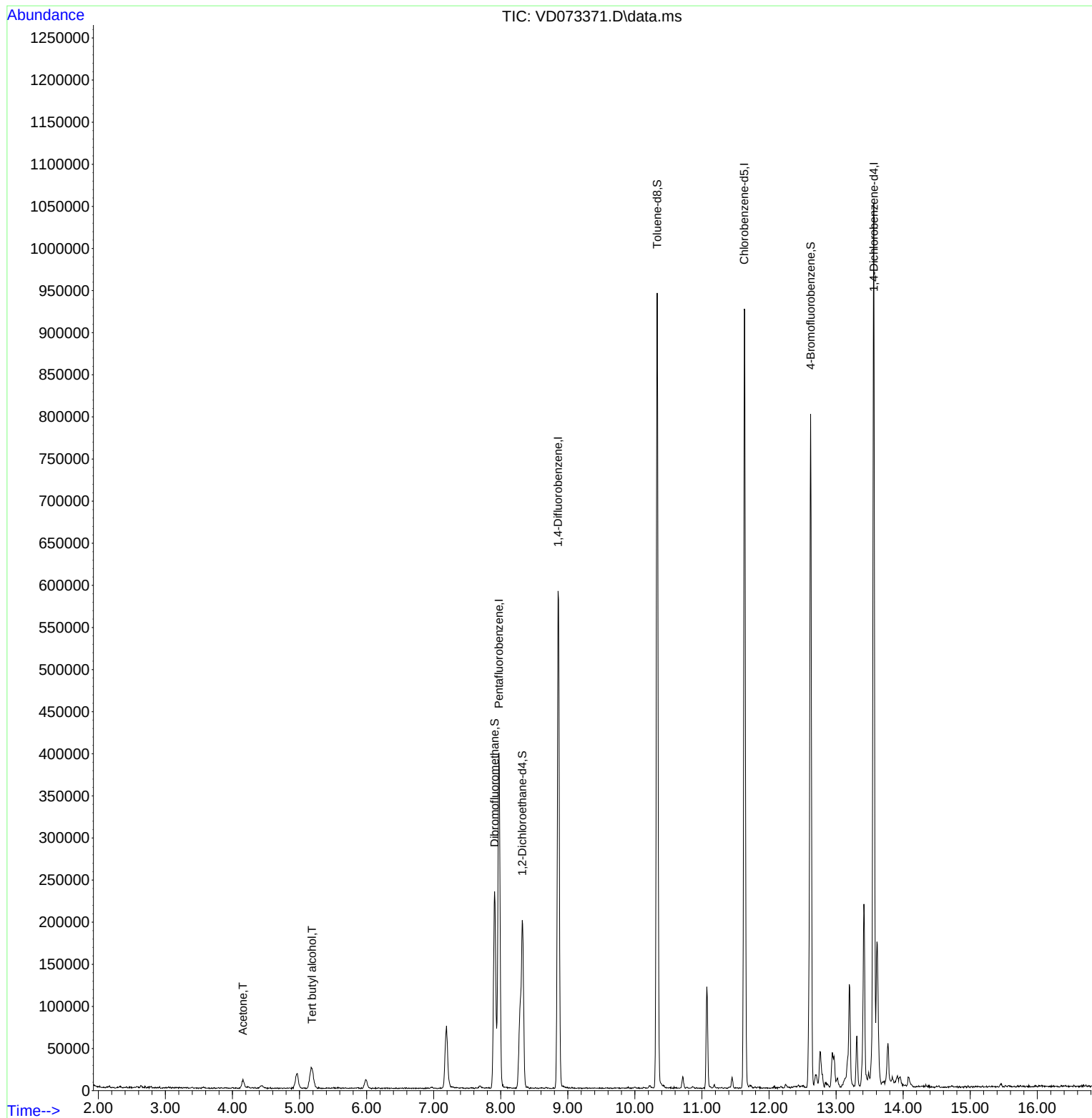
Internal Standards						
1) Pentafluorobenzene	7.973	168	293071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	508369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	544215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	277355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	151015	46.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.260%
35) Dibromofluoromethane	7.909	113	170204	50.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.480%
50) Toluene-d8	10.332	98	632351	51.137	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.620	95	250467	57.716	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	23224	46.216	ug/l #	75
16) Acetone	4.156	43	16497	29.406	ug/l #	79

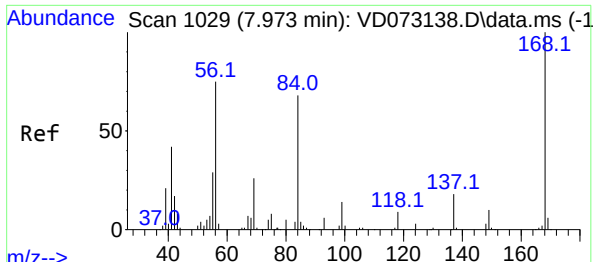
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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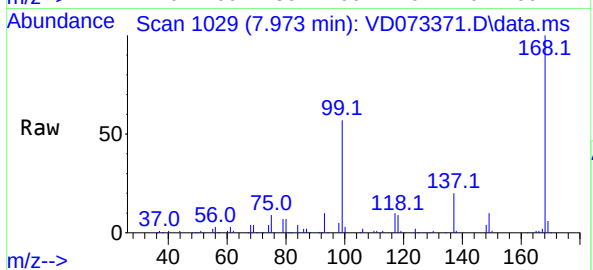
Quant Time: May 26 02:26:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



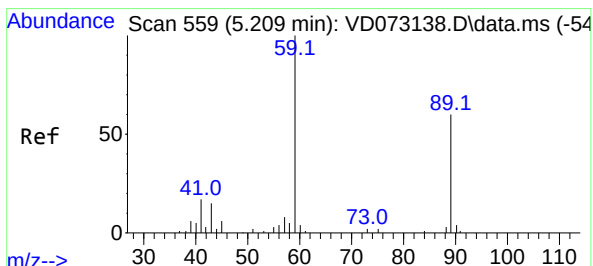
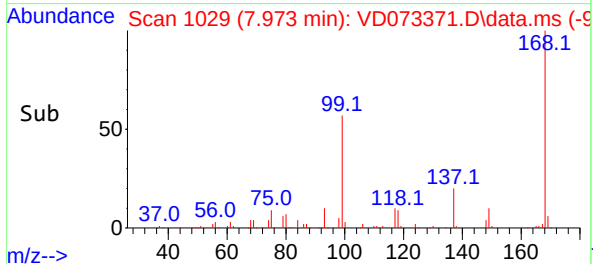
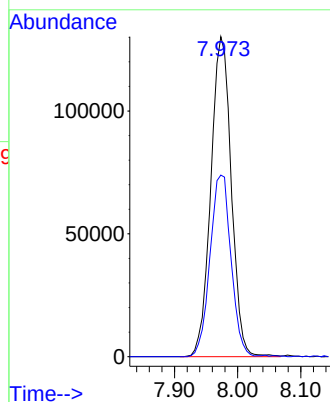


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073371.D
Acq: 25 May 2022 20:15

Instrument :
MSVOA_D
ClientSampleId :
P021-SS006-0006-01

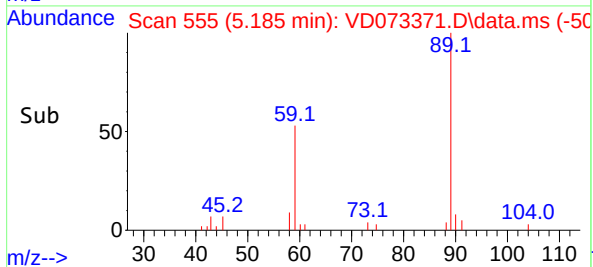
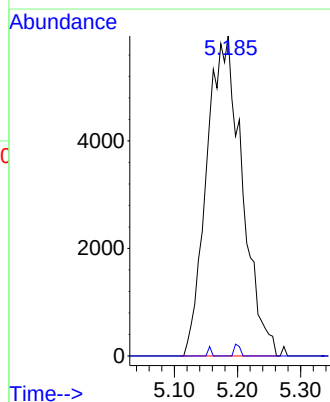
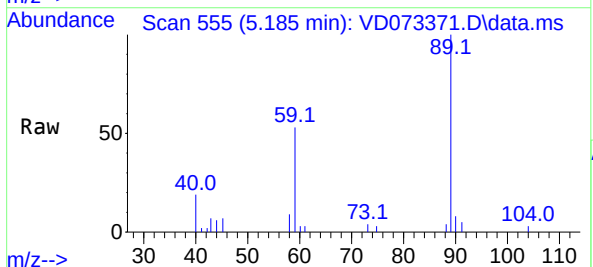


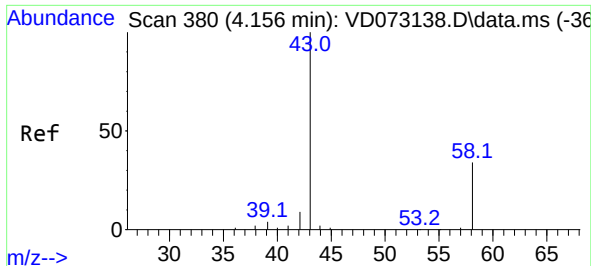
Tgt Ion:168 Resp: 293071
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#11
Tert butyl alcohol
Concen: 46.216 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD073371.D
Acq: 25 May 2022 20:15

Tgt Ion: 59 Resp: 23224
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.6#

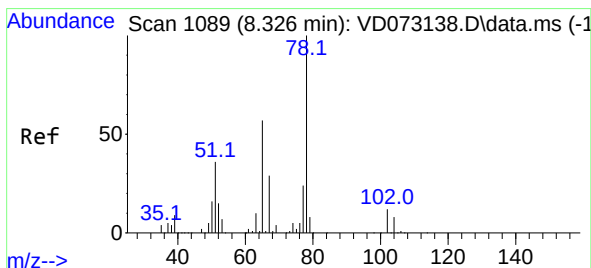
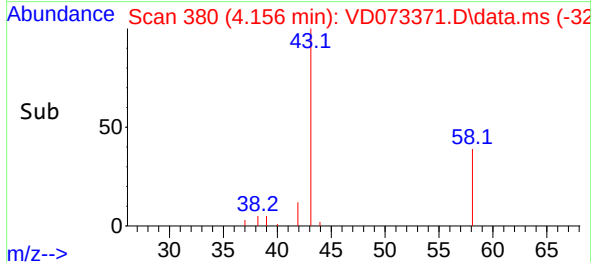
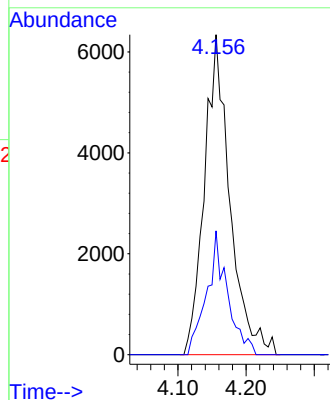
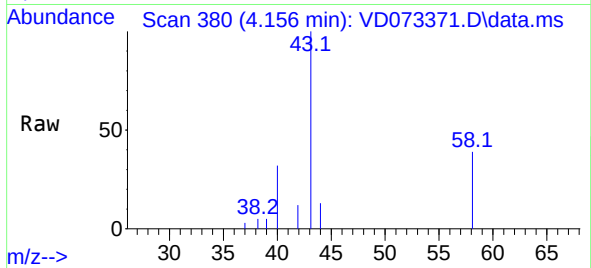




#16
Acetone
Concen: 29.406 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073371.D
Acq: 25 May 2022 20:15

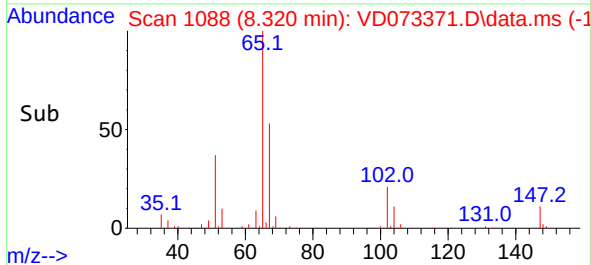
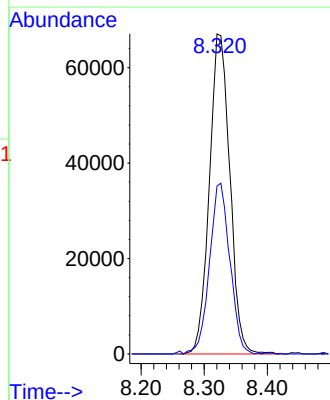
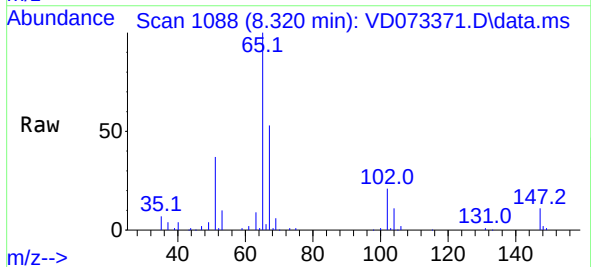
Instrument :
MSVOA_D
ClientSampleId :
P021-SS006-0006-01

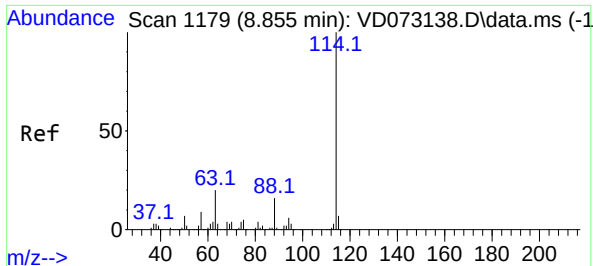
Tgt Ion: 43 Resp: 16497
Ion Ratio Lower Upper
43 100
58 38.7 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 46.626 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073371.D
Acq: 25 May 2022 20:15

Tgt Ion: 65 Resp: 151015
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073371.D

Acq: 25 May 2022 20:15

Instrument :

MSVOA_D

ClientSampleId :

P021-SS006-0006-01

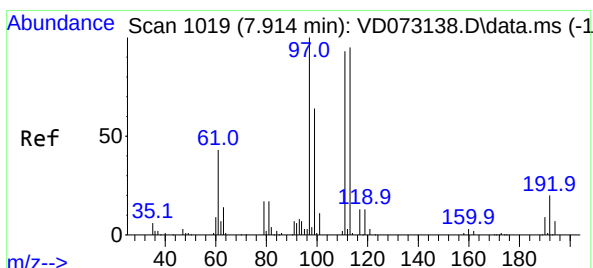
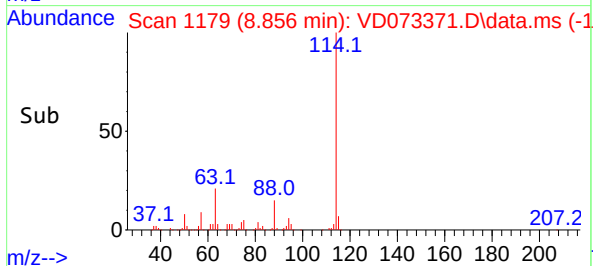
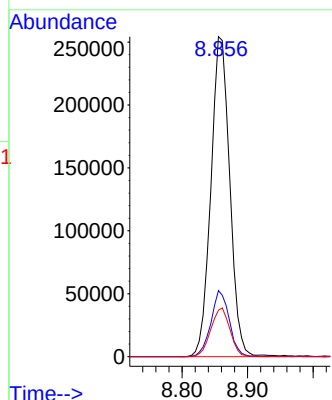
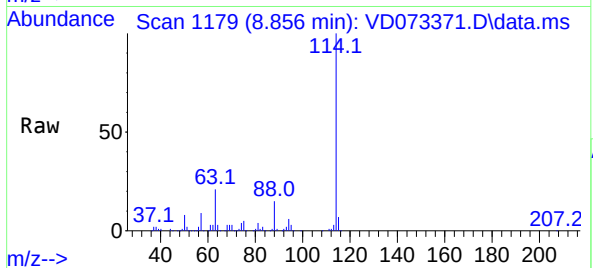
Tgt Ion:114 Resp: 508369

Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.738 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073371.D

Acq: 25 May 2022 20:15

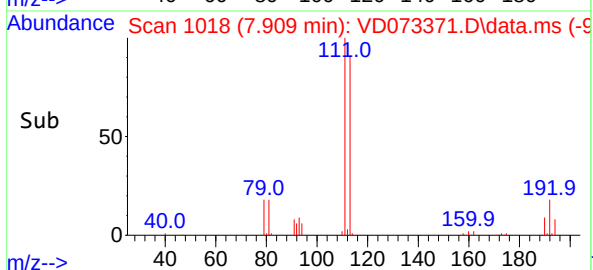
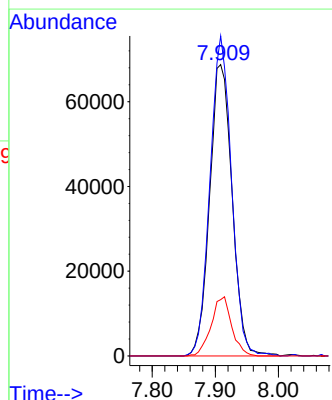
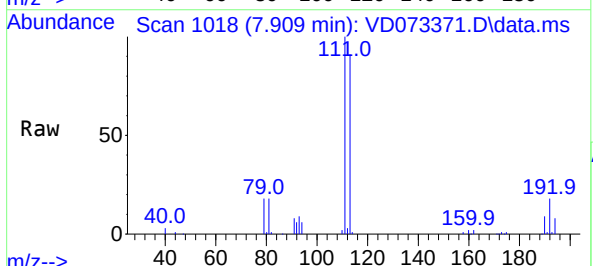
Tgt Ion:113 Resp: 170204

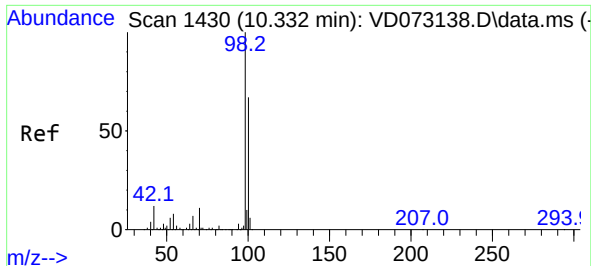
Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 18.5 14.6 21.8

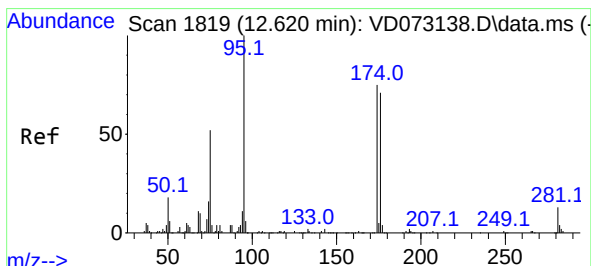
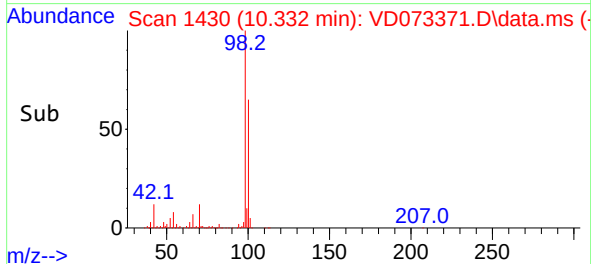
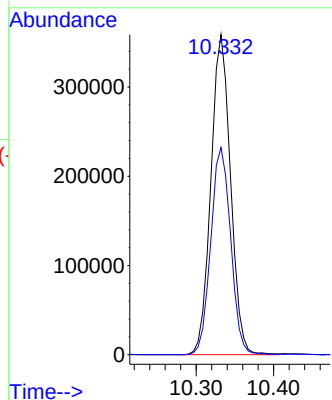
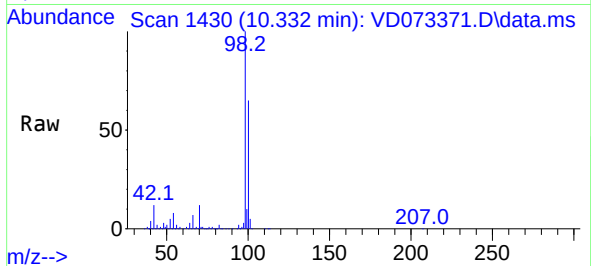




#50
Toluene-d8
Concen: 51.137 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073371.D
Acq: 25 May 2022 20:15

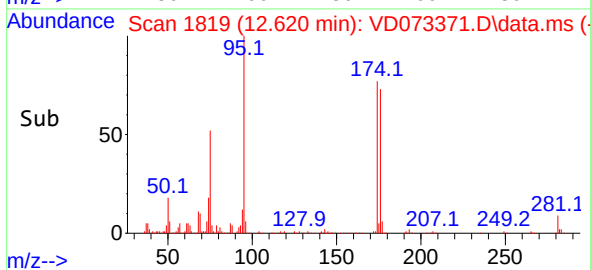
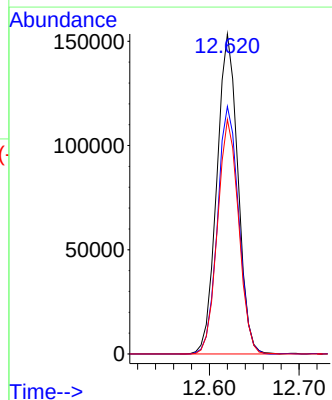
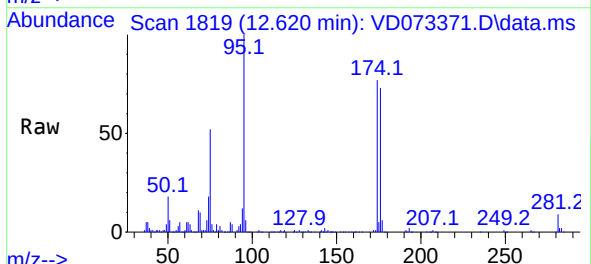
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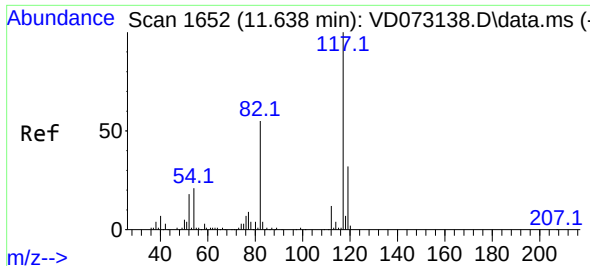
Tgt Ion: 98 Resp: 632351
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.716 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073371.D
Acq: 25 May 2022 20:15

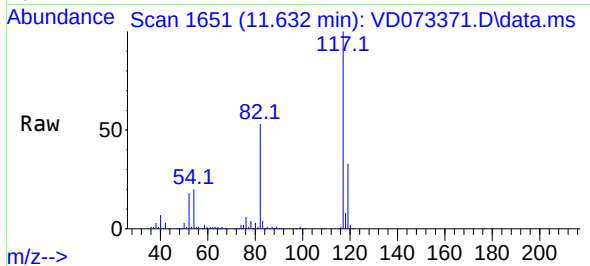
Tgt Ion: 95 Resp: 250467
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 73.2 0.0 145.4



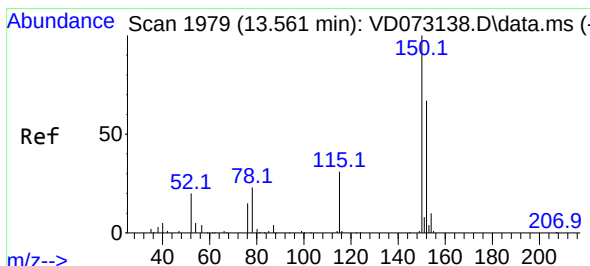
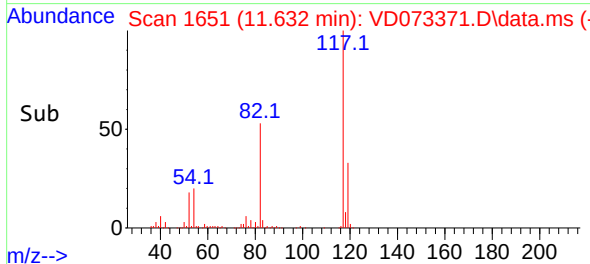
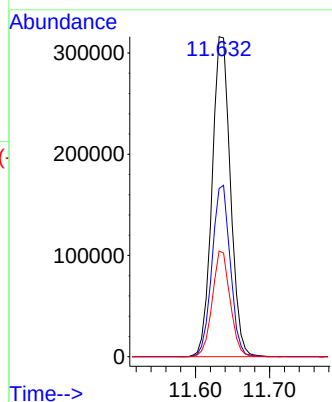


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073371.D
Acq: 25 May 2022 20:15

Instrument :
MSVOA_D
ClientSampleId :
P021-SS006-0006-01



Tgt Ion:117 Resp: 544215
Ion Ratio Lower Upper
117 100
82 52.6 45.3 67.9
119 33.0 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: VD073371.D
Acq: 25 May 2022 20:15

Tgt Ion:152 Resp: 277355
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 155.2 0.0 348.6

