

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073370.D
 Acq On : 25 May 2022 19:46
 Operator : VA/SY
 Sample : N2886-14
 Misc : 4.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS005-0006-01

Quant Time: May 26 04:07:45 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)

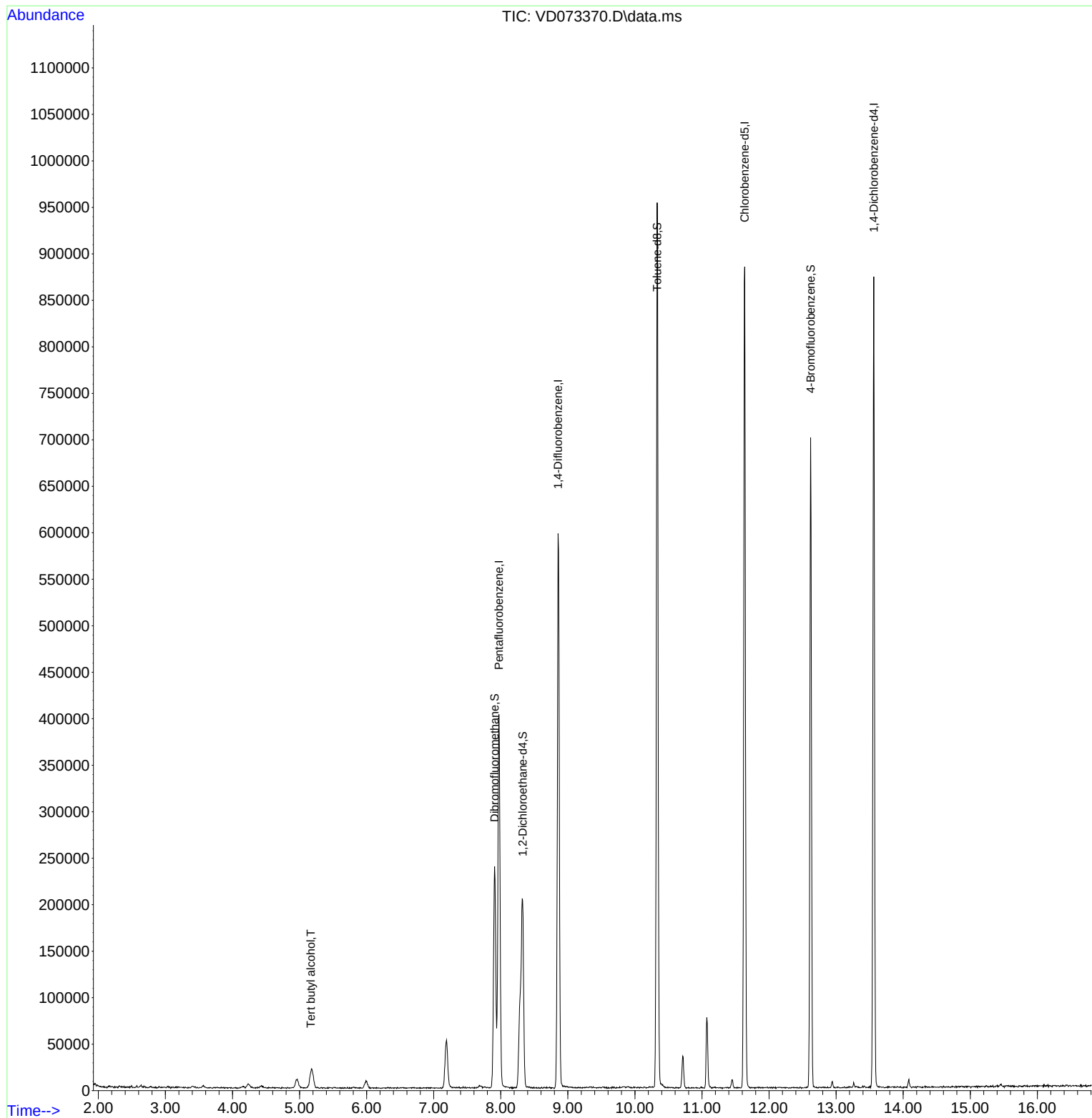
Internal Standards						
1) Pentafluorobenzene	7.973	168	287954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	512571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	526421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	229776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	155945	49.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.908	113	173593	51.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.332	98	622908	49.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.620	95	220449	50.382	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.760%
Target Compounds						
11) Tert butyl alcohol	5.167	59	18495	37.459	ug/l	Qvalue # 75

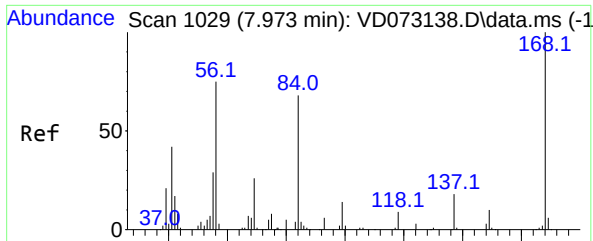
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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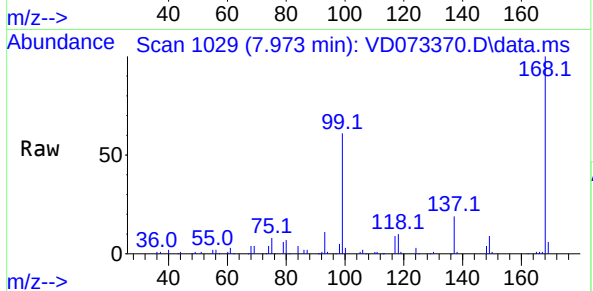
Quant Time: May 26 04:07:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



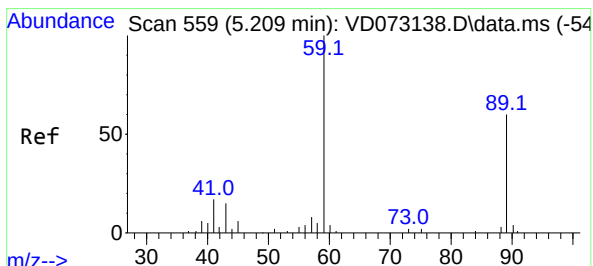
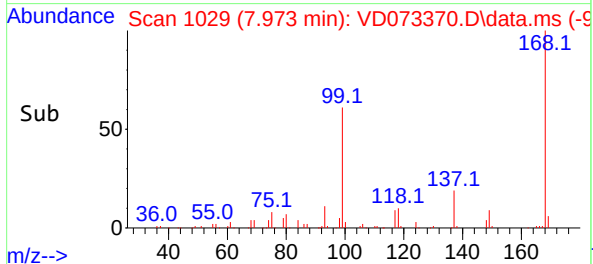
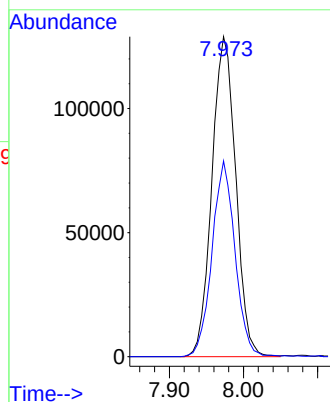


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073370.D
Acq: 25 May 2022 19:46

Instrument :
MSVOA_D
ClientSampleId :
P021-SS005-0006-01

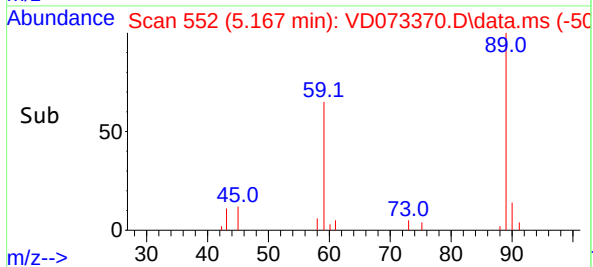
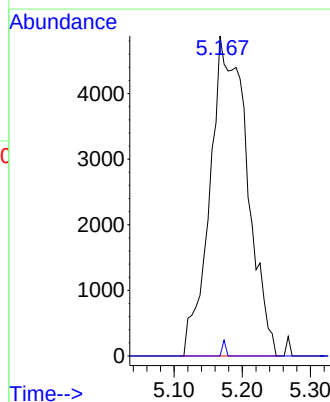
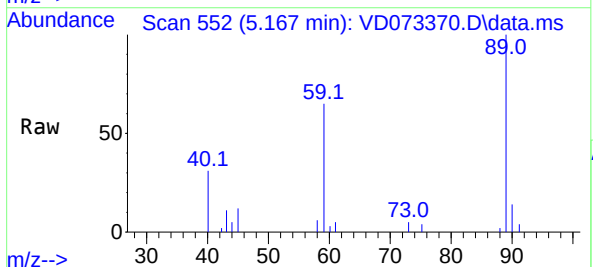


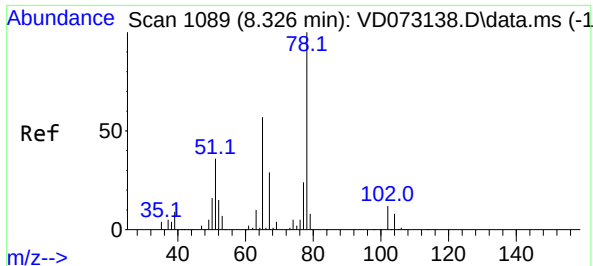
Tgt Ion:168 Resp: 287954
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#11
Tert butyl alcohol
Concen: 37.459 ug/l
RT: 5.167 min Scan# 552
Delta R.T. -0.042 min
Lab File: VD073370.D
Acq: 25 May 2022 19:46

Tgt Ion: 59 Resp: 18495
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.6#





#33

1,2-Dichloroethane-d4

Concen: 49.004 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073370.D

Acq: 25 May 2022 19:46

Instrument :

MSVOA_D

ClientSampleId :

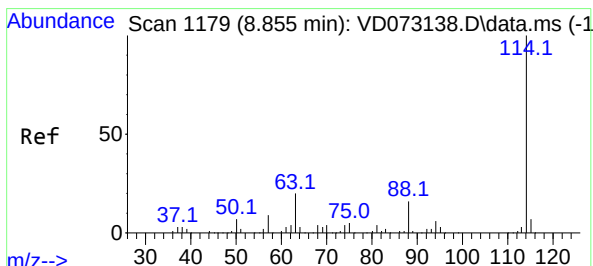
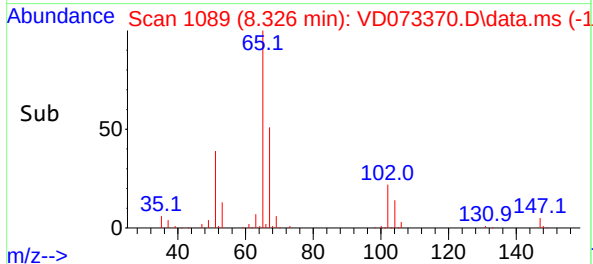
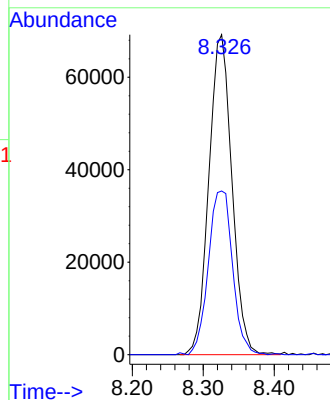
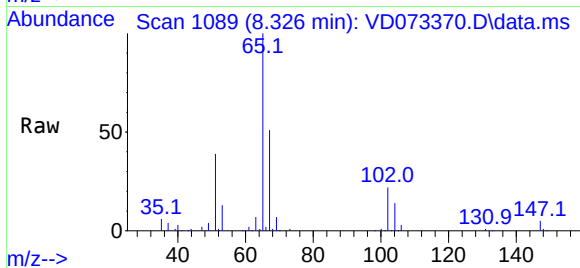
P021-SS005-0006-01

Tgt Ion: 65 Resp: 155945

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073370.D

Acq: 25 May 2022 19:46

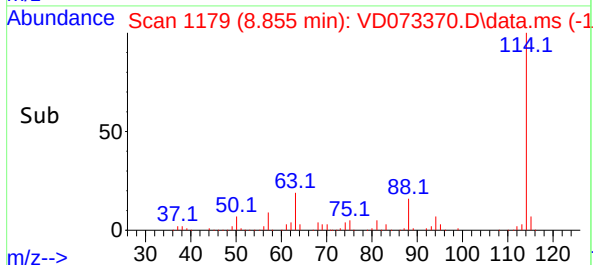
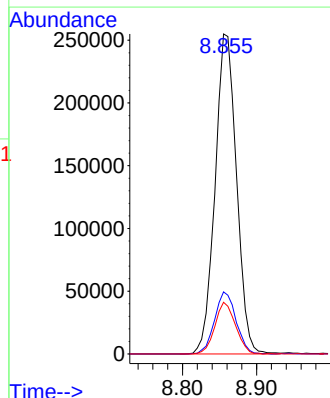
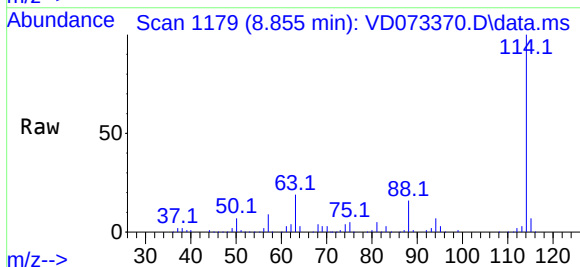
Tgt Ion: 114 Resp: 512571

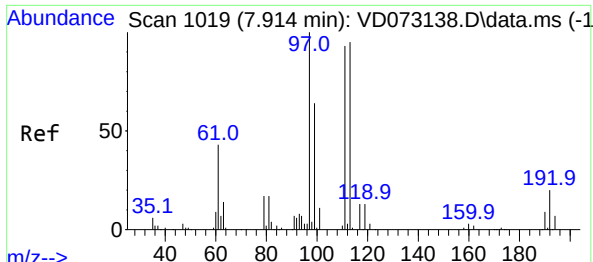
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 16.1 0.0 33.2

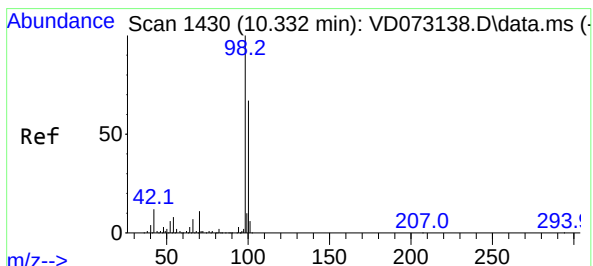
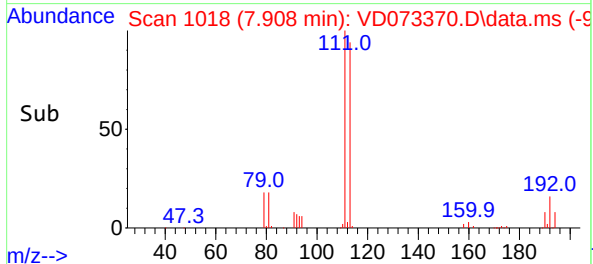
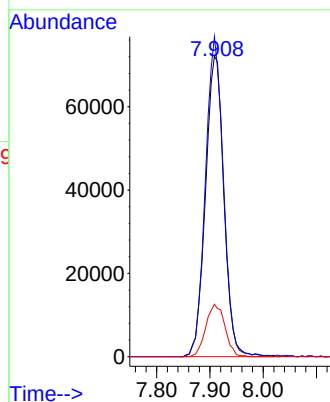
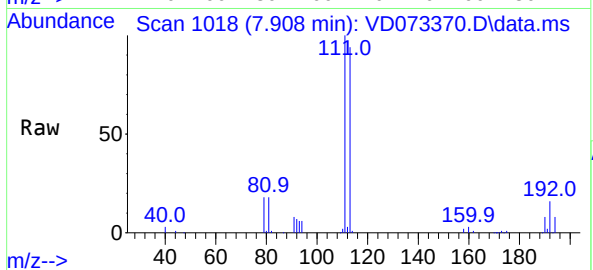




#35
Dibromofluoromethane
Concen: 51.324 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073370.D
Acq: 25 May 2022 19:46

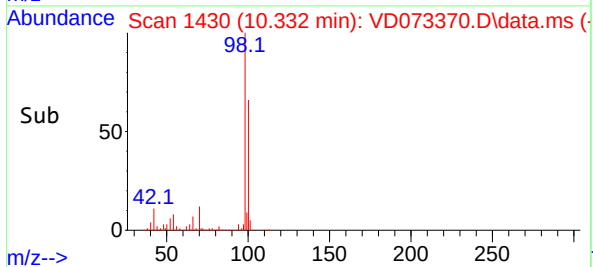
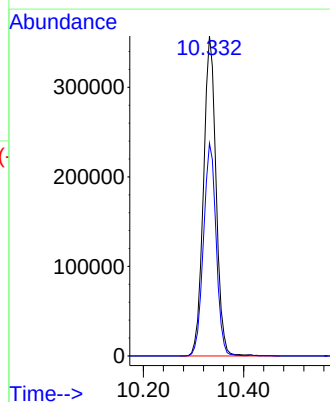
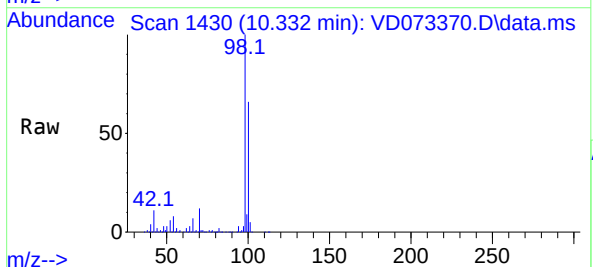
Instrument :
MSVOA_D
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P021-SS005-0006-01

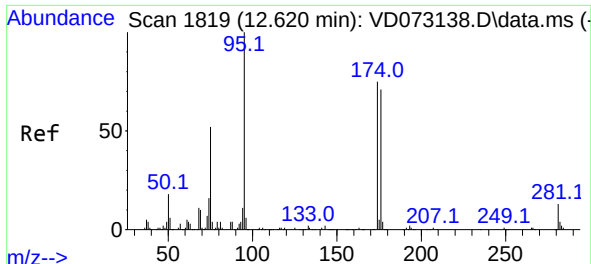
Tgt Ion:113 Resp: 173593
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 49.961 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073370.D
Acq: 25 May 2022 19:46

Tgt Ion: 98 Resp: 622908
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

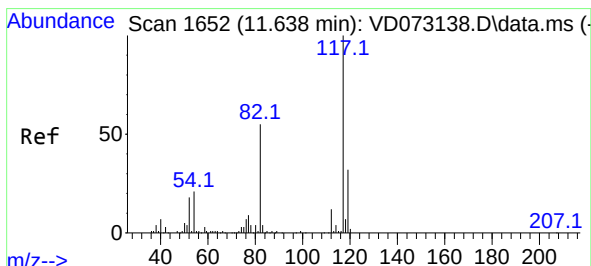
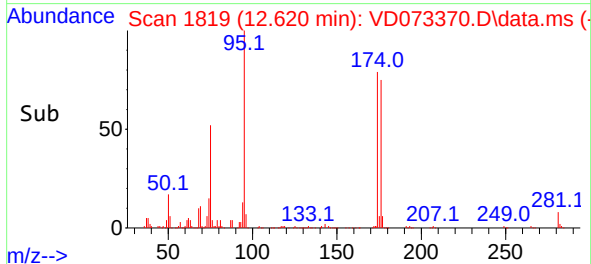
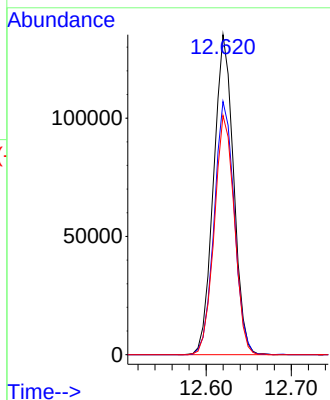
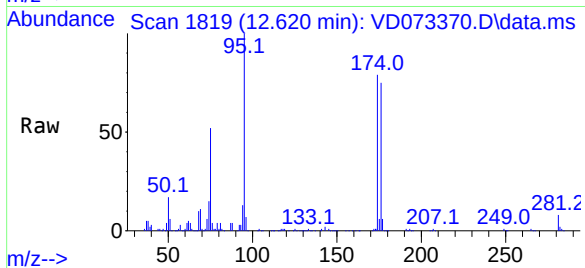




#62
4-Bromofluorobenzene
Concen: 50.382 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073370.D
Acq: 25 May 2022 19:46

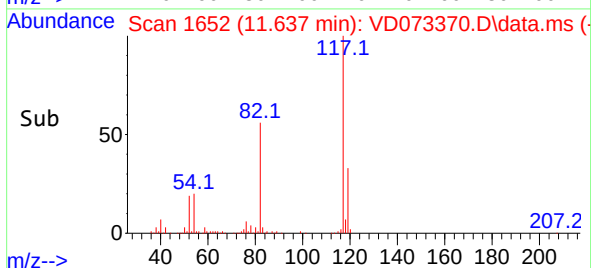
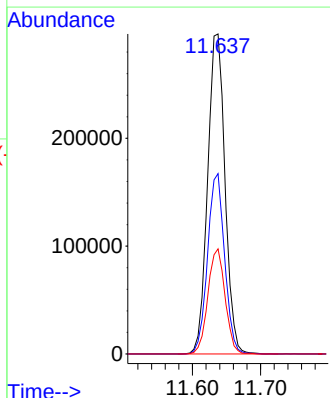
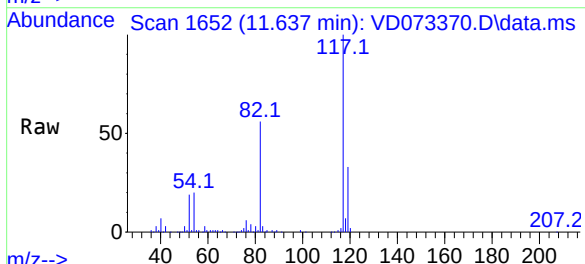
Instrument :
MSVOA_D
ClientSampleId :
P021-SS005-0006-01

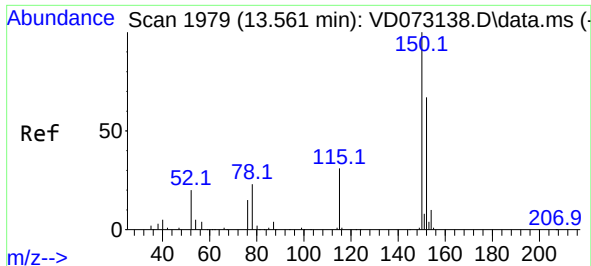
Tgt Ion:	95	Resp:	220449
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	152.8
176	74.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD073370.D
Acq: 25 May 2022 19:46

Tgt Ion:	117	Resp:	526421
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.3	67.9
119	32.9	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: VD073370.D

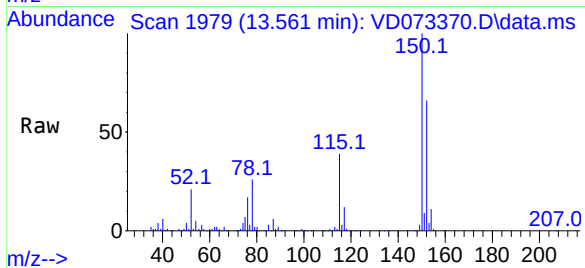
Acq: 25 May 2022 19:46

Instrument :

MSVOA_D

ClientSampleId :

P021-SS005-0006-01



Tgt Ion:152 Resp: 229776

Ion Ratio Lower Upper

152 100

115 59.2 31.3 93.8

150 155.7 0.0 348.6

