

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073302.D
 Acq On : 24 May 2022 01:28
 Operator : VA/SY
 Sample : N2949-02
 Misc : 5.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P037-SS002-0006-01

Quant Time: May 24 03:31:39 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)

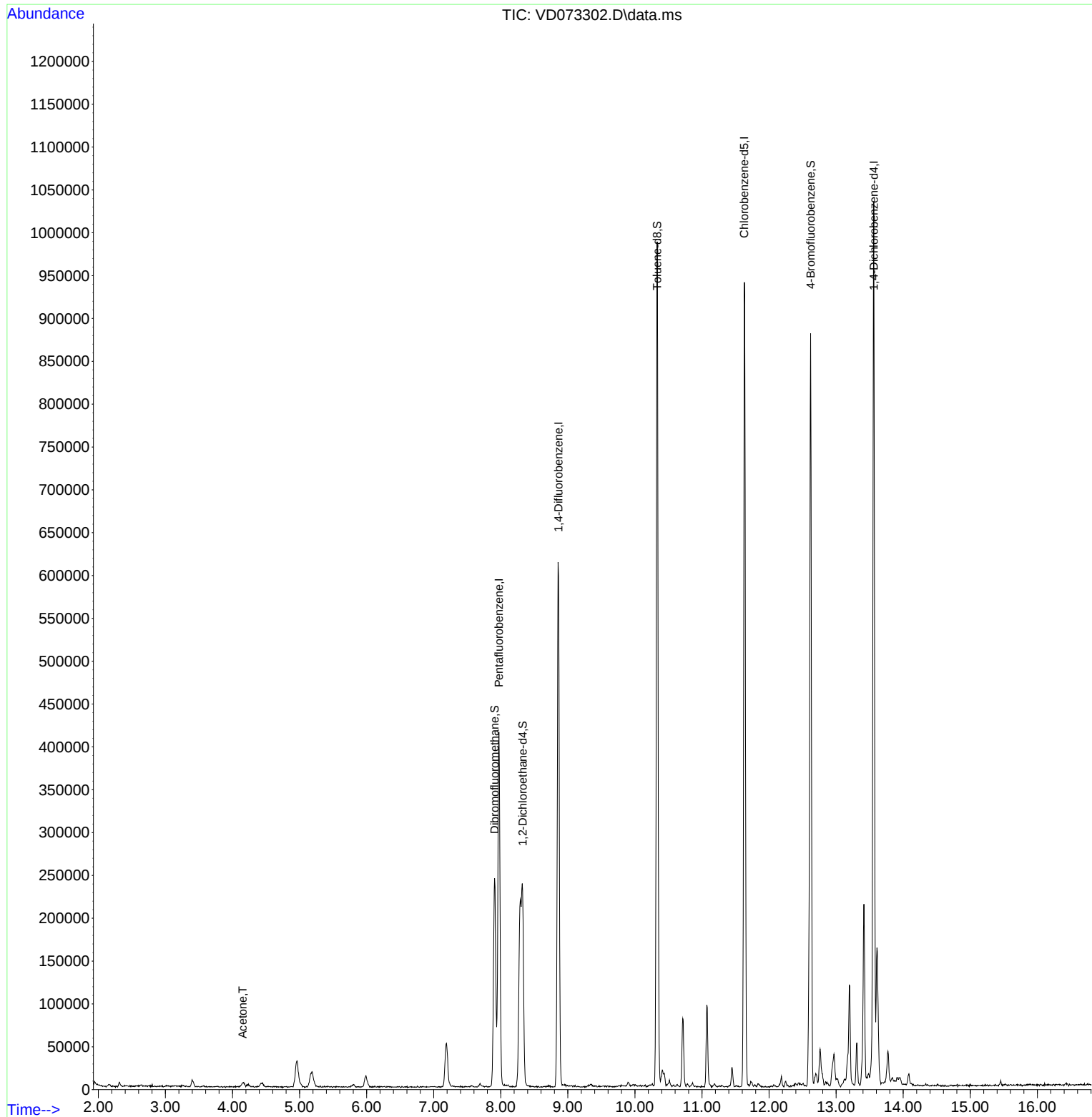
Internal Standards						
1) Pentafluorobenzene	7.973	168	294494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	536319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	553726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172840	53.107	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.220%			
35) Dibromofluoromethane	7.908	113	183211	51.769	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.540%			
50) Toluene-d8	10.332	98	655055	50.213	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.420%			
62) 4-Bromofluorobenzene	12.620	95	265036	57.890	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.780%			
Target Compounds					Qvalue	
16) Acetone	4.150	43	10120	17.952	ug/l	98

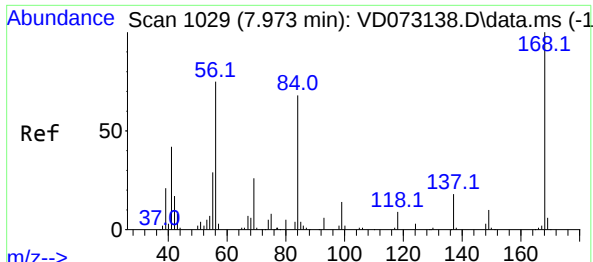
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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ClientSampleId :

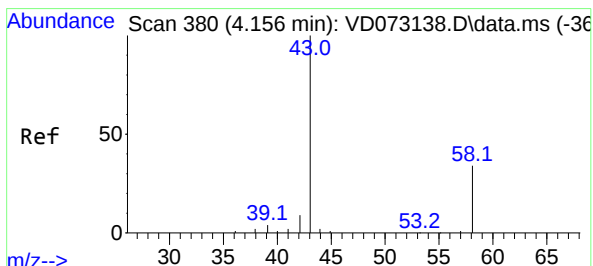
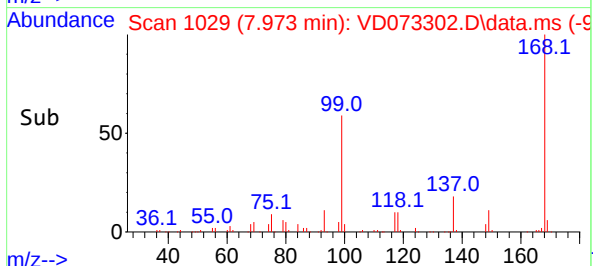
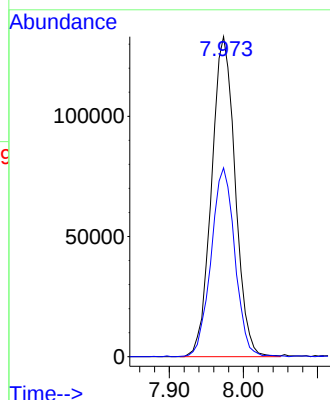
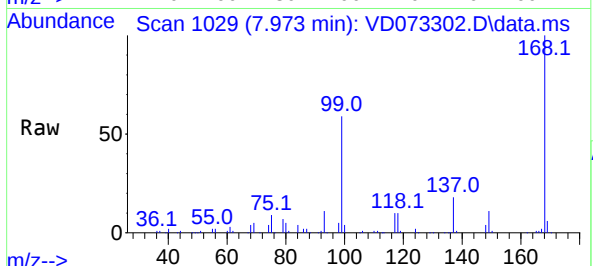
P037-SS002-0006-01

Tgt Ion:168 Resp: 294494

Ion Ratio Lower Upper

168 100

99 58.9 49.8 74.6



#16

Acetone

Concen: 17.952 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD073302.D

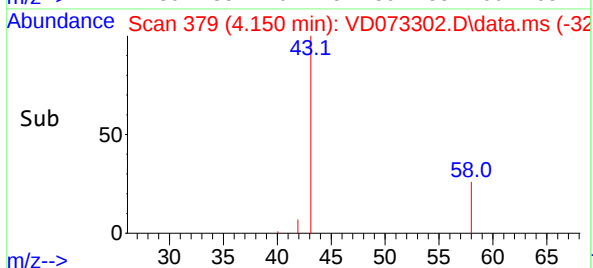
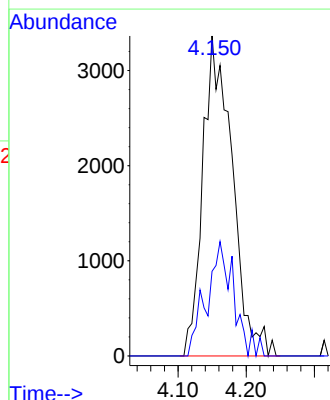
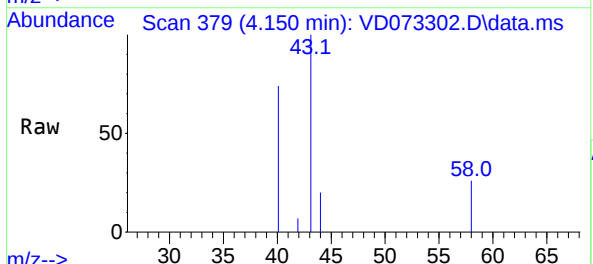
Acq: 24 May 2022 01:28

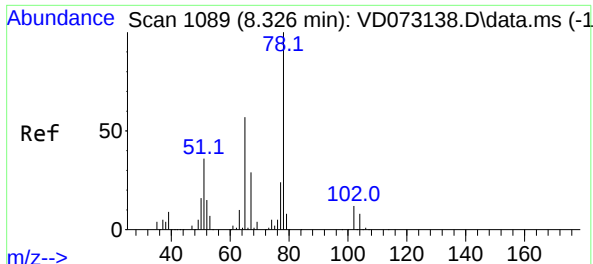
Tgt Ion: 43 Resp: 10120

Ion Ratio Lower Upper

43 100

58 26.4 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 53.107 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073302.D

Acq: 24 May 2022 01:28

Instrument :

MSVOA_D

ClientSampleId :

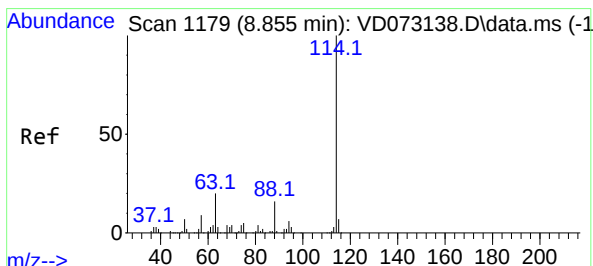
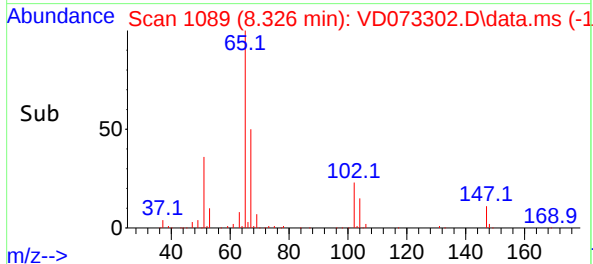
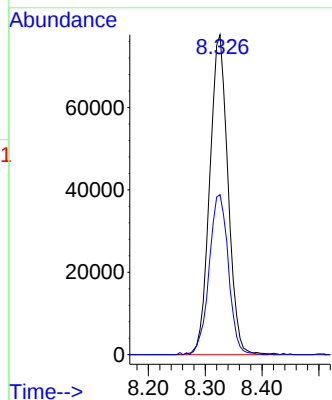
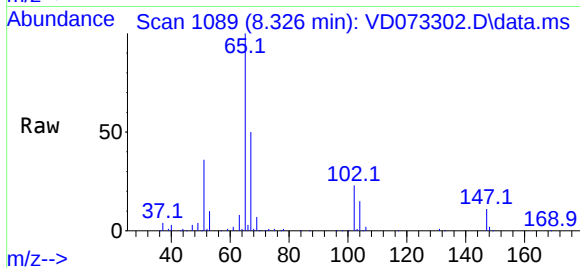
P037-SS002-0006-01

Tgt Ion: 65 Resp: 172840

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073302.D

Acq: 24 May 2022 01:28

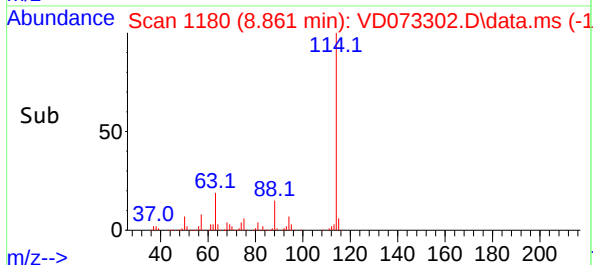
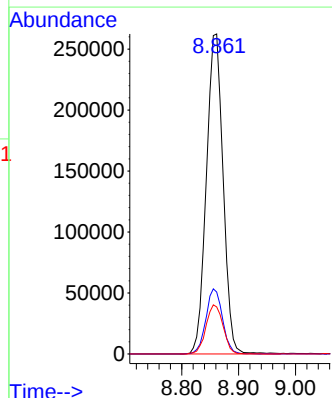
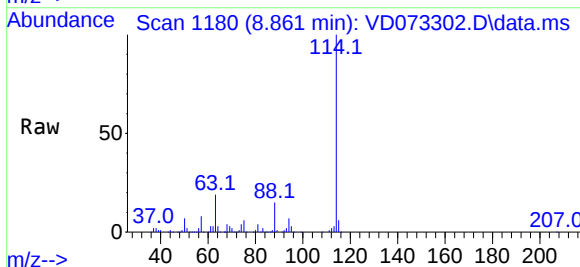
Tgt Ion: 114 Resp: 536319

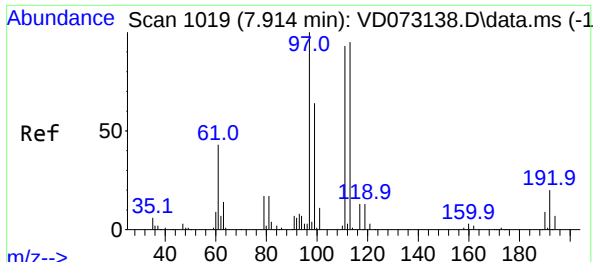
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 14.7 0.0 33.2

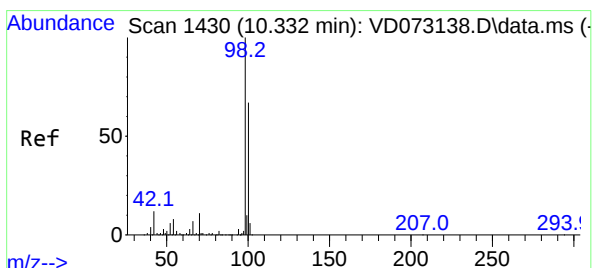
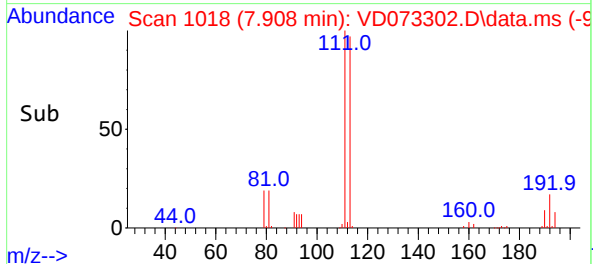
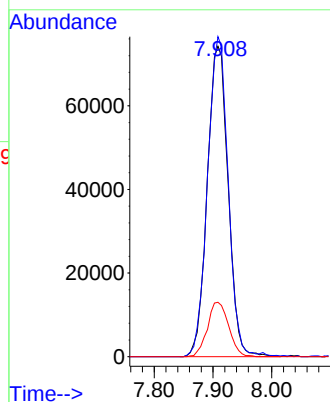
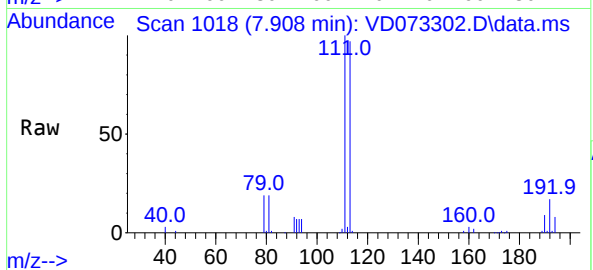




#35
Dibromofluoromethane
Concen: 51.769 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073302.D
Acq: 24 May 2022 01:28

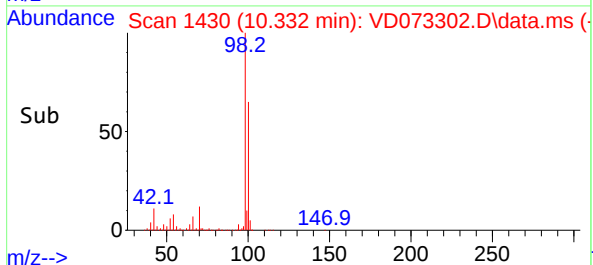
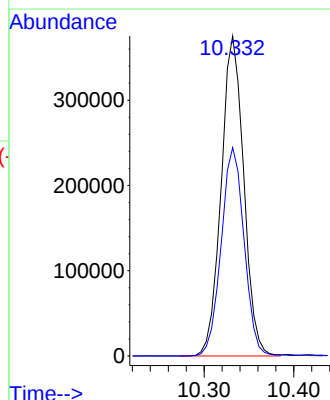
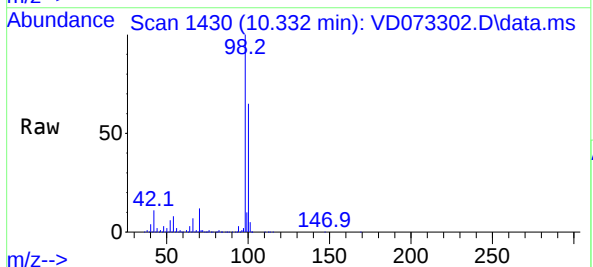
Instrument :
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ClientSampleId :
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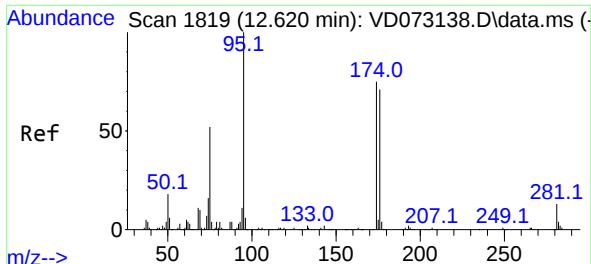
Tgt Ion:113 Resp: 183211
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 17.9 14.6 21.8



#50
Toluene-d8
Concen: 50.213 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073302.D
Acq: 24 May 2022 01:28

Tgt Ion: 98 Resp: 655055
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

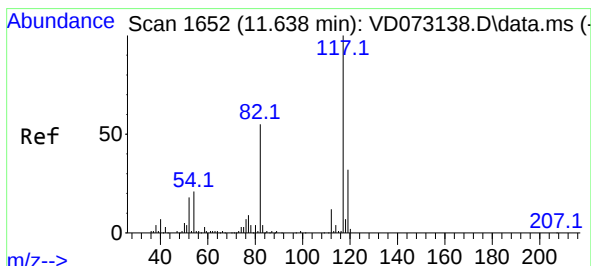
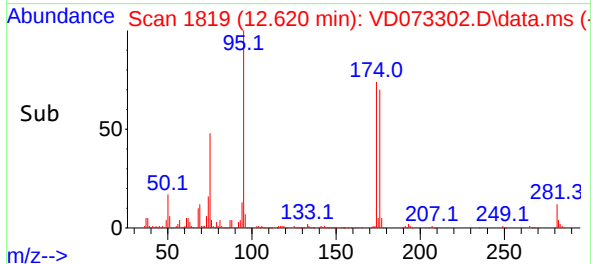
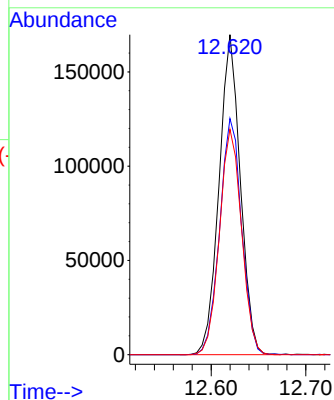
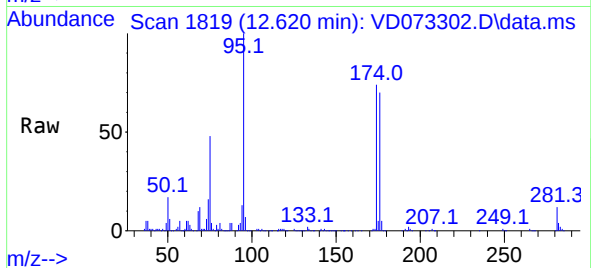




#62
4-Bromofluorobenzene
Concen: 57.890 ug/l
RT: 12.620 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073302.D
Acq: 24 May 2022 01:28

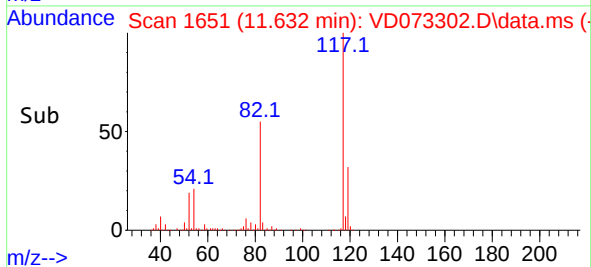
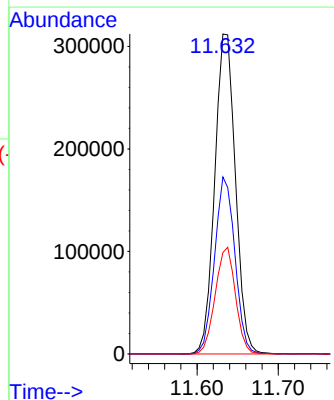
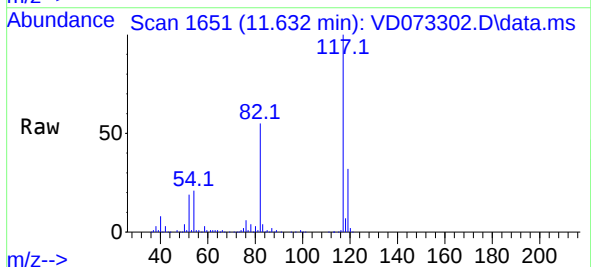
Instrument :
MSVOA_D
ClientSampleId :
P037-SS002-0006-01

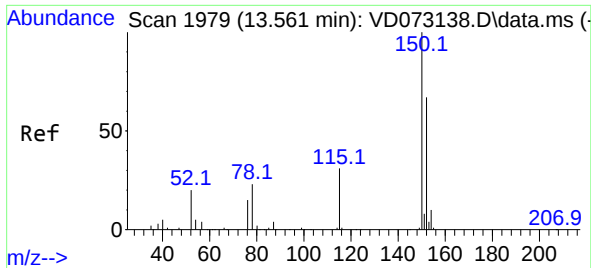
Tgt Ion: 95 Resp: 265036
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 73.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073302.D
Acq: 24 May 2022 01:28

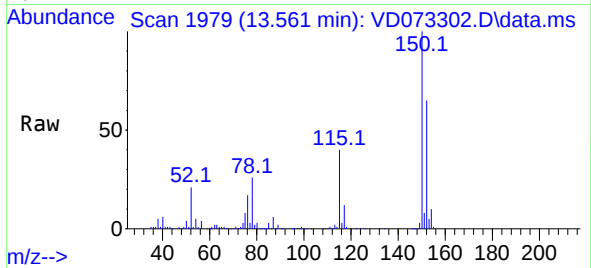
Tgt Ion: 117 Resp: 553726
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 31.7 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073302.D
 Acq: 24 May 2022 01:28

Instrument :
 MSVOA_D
 ClientSampleId :
 P037-SS002-0006-01



Tgt Ion:152 Resp: 272204

Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.3	93.8
150	155.3	0.0	348.6

