

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073342.D
 Acq On : 25 May 2022 00:54
 Operator : VA/SY
 Sample : N2949-23
 Misc : 5.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS003-0006-01

Quant Time: May 25 05:32:41 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)

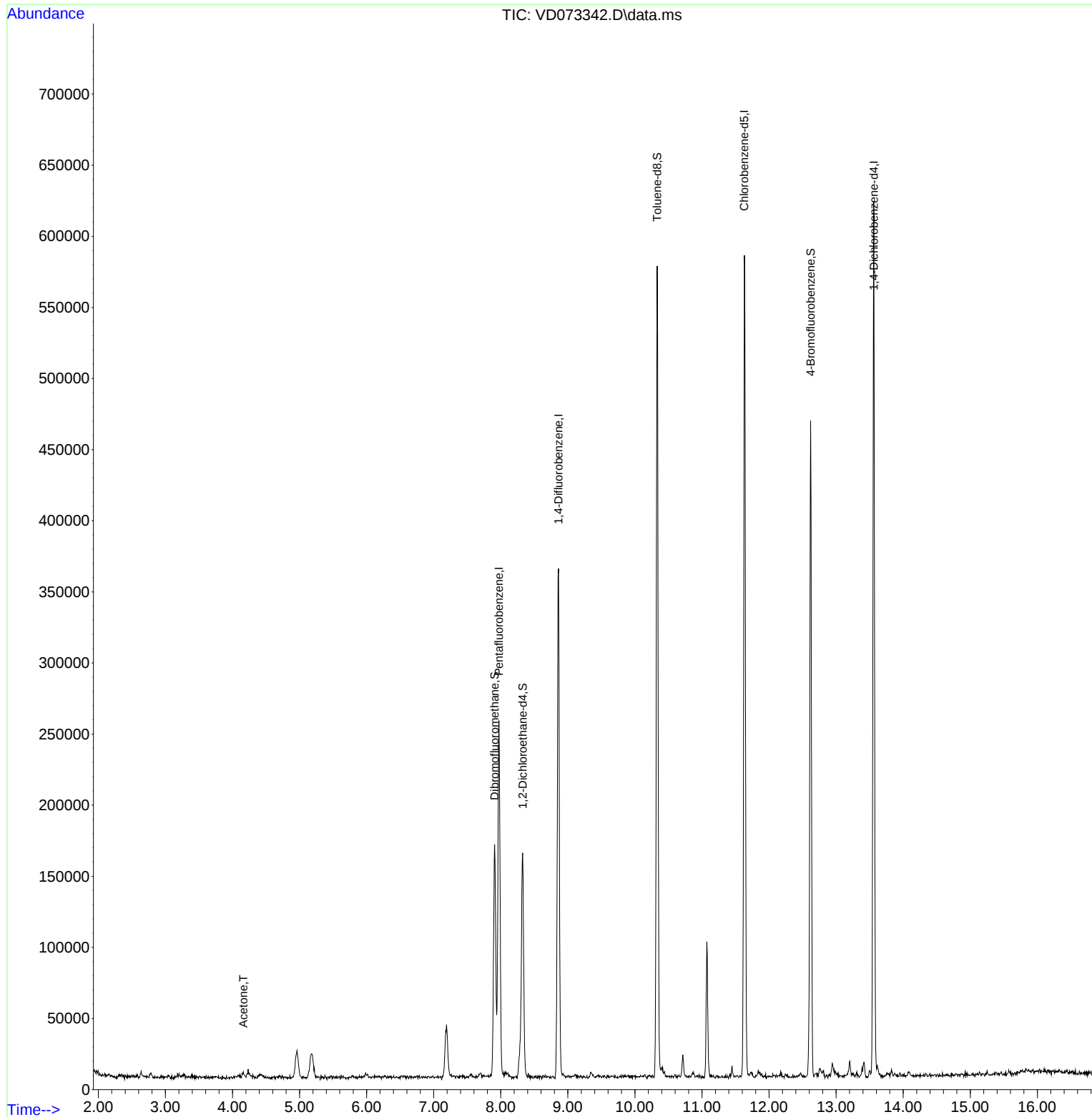
Internal Standards						
1) Pentafluorobenzene	7.973	168	178020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	307835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	349594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	162124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	122028	62.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.060%	
35) Dibromofluoromethane	7.908	113	115556	56.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.780%	
50) Toluene-d8	10.332	98	387950	51.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.620	95	152086	57.876	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.760%	
Target Compounds						
16) Acetone	4.162	43	5910	17.343	ug/l	Qvalue 97

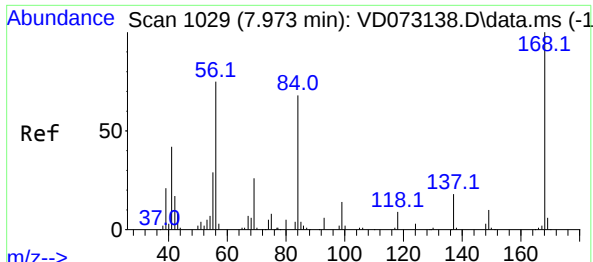
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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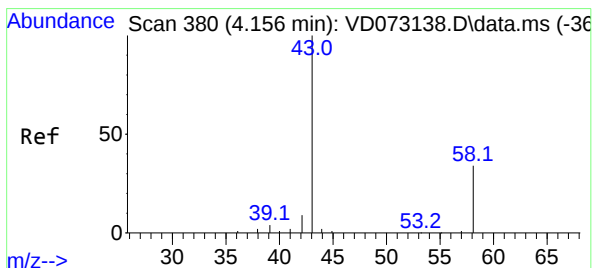
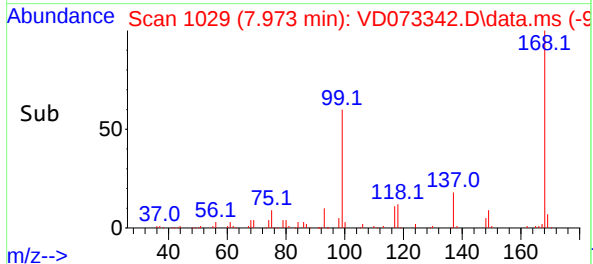
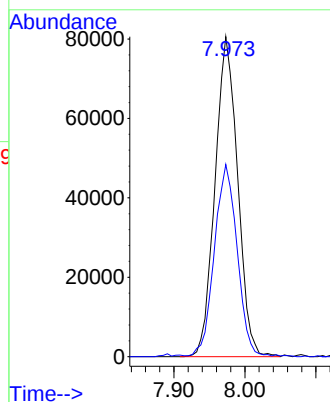
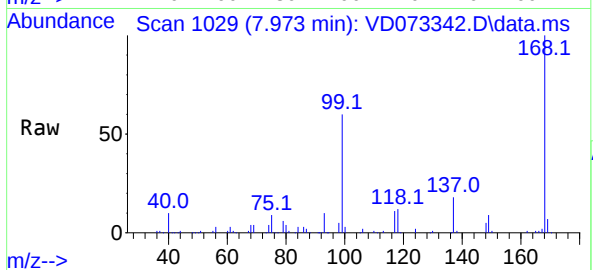




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073342.D
Acq: 25 May 2022 00:54

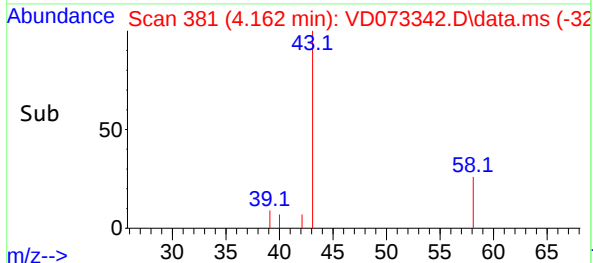
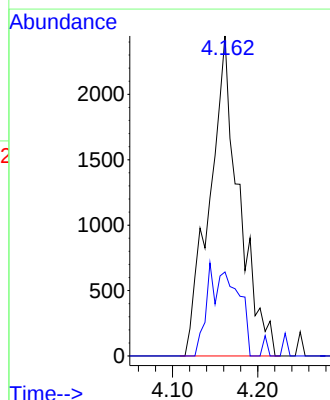
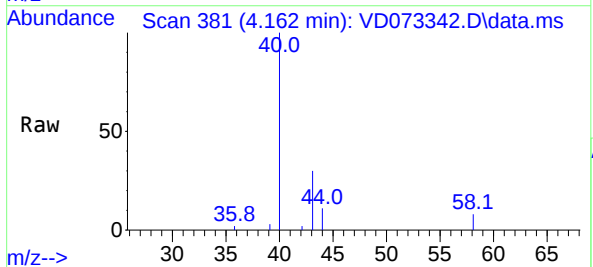
Instrument :
MSVOA_D
ClientSampleId :
P044-SS003-0006-01

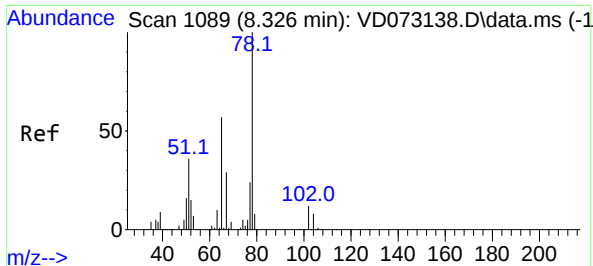
Tgt Ion:168 Resp: 178020
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#16
Acetone
Concen: 17.343 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073342.D
Acq: 25 May 2022 00:54

Tgt Ion: 43 Resp: 5910
Ion Ratio Lower Upper
43 100
58 26.2 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 62.026 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073342.D

Acq: 25 May 2022 00:54

Instrument :

MSVOA_D

ClientSampleId :

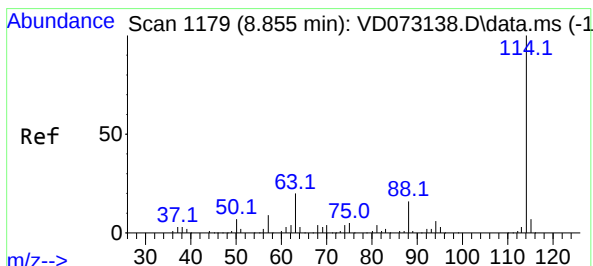
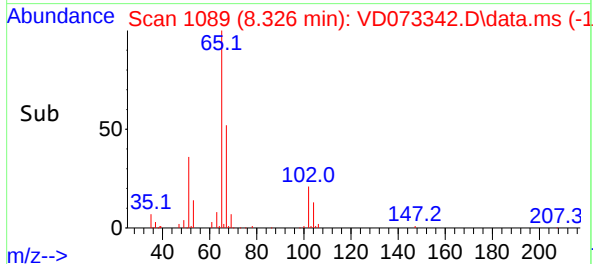
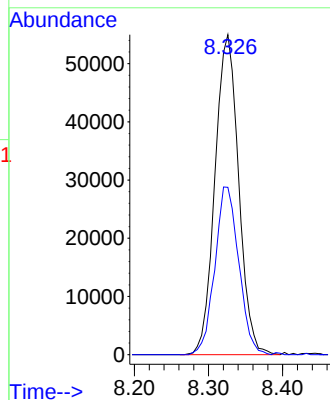
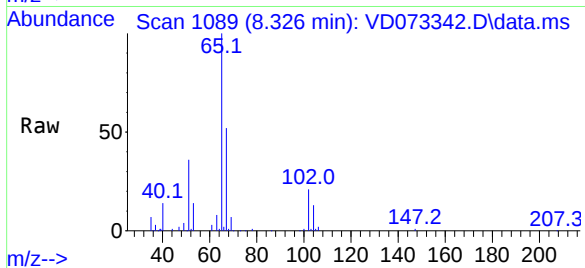
P044-SS003-0006-01

Tgt Ion: 65 Resp: 122028

Ion Ratio Lower Upper

65 100

67 53.0 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: VD073342.D

Acq: 25 May 2022 00:54

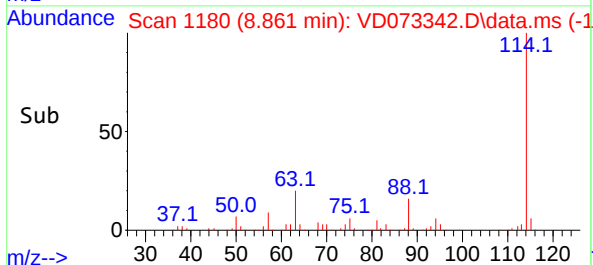
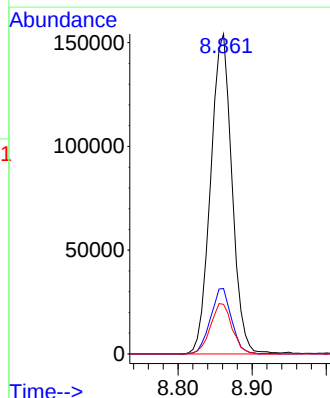
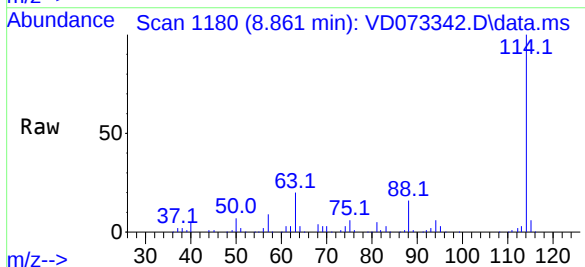
Tgt Ion: 114 Resp: 307835

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.5 0.0 33.2



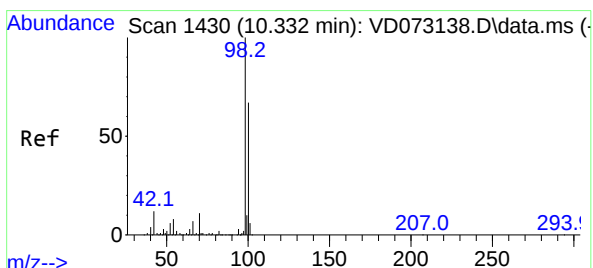
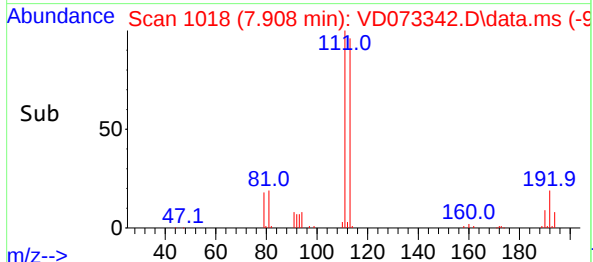
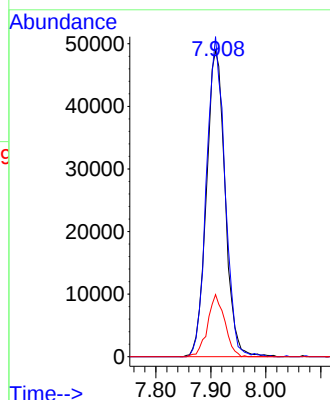
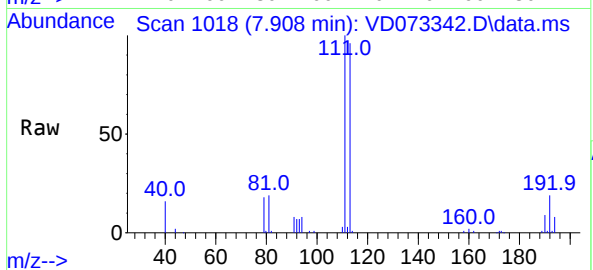


#35
Dibromofluoromethane
Concen: 56.888 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073342.D
Acq: 25 May 2022 00:54

Instrument :
MSVOA_D
ClientSampleId :
P044-SS003-0006-01

Tgt Ion:113 Resp: 115556

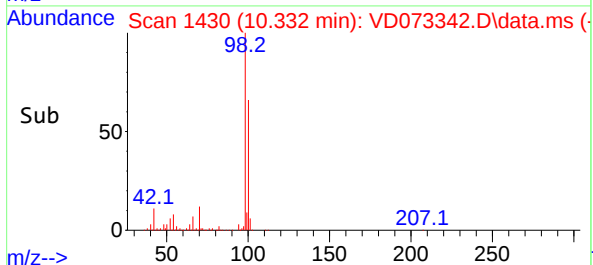
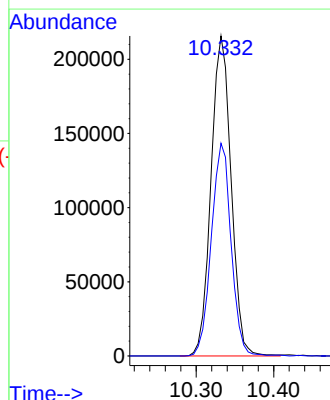
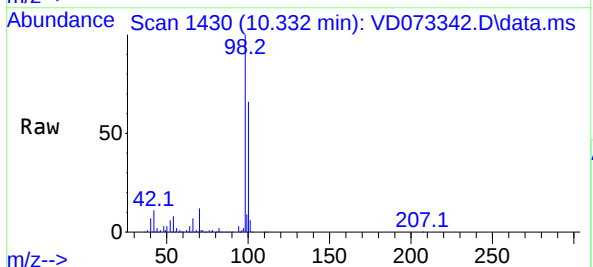
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	18.6	14.6	21.8

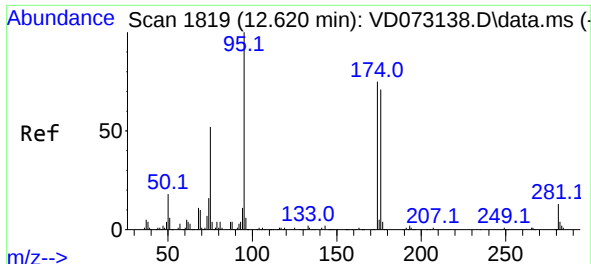


#50
Toluene-d8
Concen: 51.810 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073342.D
Acq: 25 May 2022 00:54

Tgt Ion: 98 Resp: 387950

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6

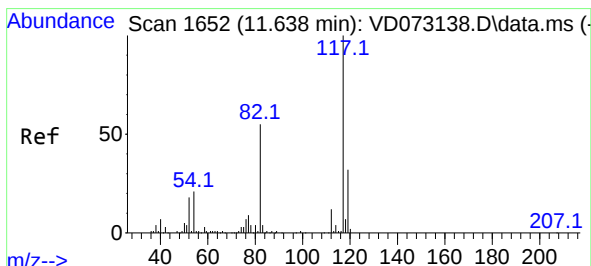
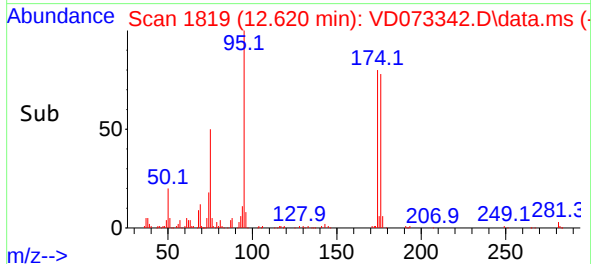
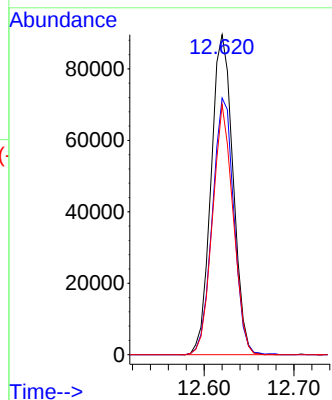
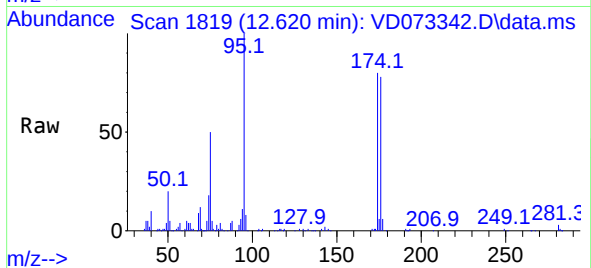




#62
4-Bromofluorobenzene
Concen: 57.876 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073342.D
Acq: 25 May 2022 00:54

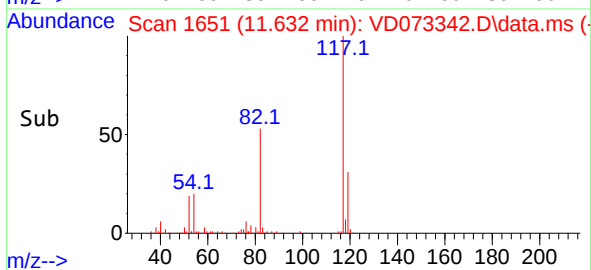
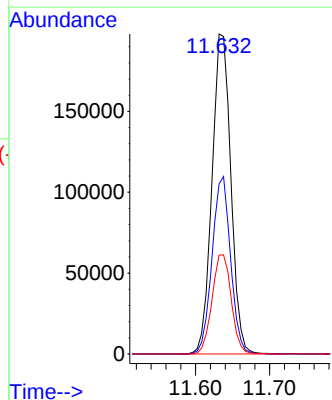
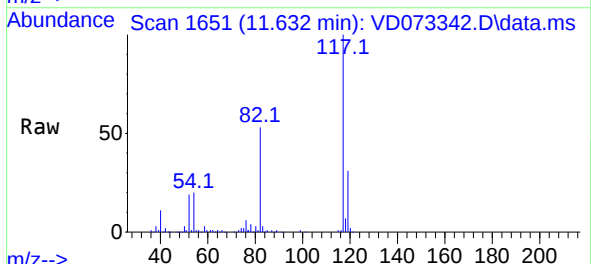
Instrument :
MSVOA_D
ClientSampleId :
P044-SS003-0006-01

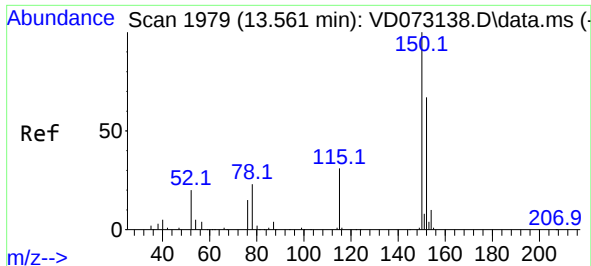
Tgt Ion:	95	Resp:	152086
Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	152.8
176	73.6	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073342.D
Acq: 25 May 2022 00:54

Tgt Ion:	117	Resp:	349594
Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.3	67.9
119	30.9	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: VD073342.D

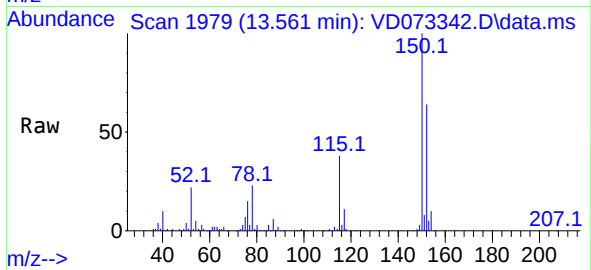
Acq: 25 May 2022 00:54

Instrument :

MSVOA_D

ClientSampleId :

P044-SS003-0006-01



Tgt Ion:152 Resp: 162124

Ion Ratio Lower Upper

152 100

115 59.9 31.3 93.8

150 155.3 0.0 348.6

