

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073077.D
 Acq On : 18 May 2022 01:48
 Operator : VA/SY
 Sample : N2824-04
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAS-1

Quant Time: May 18 05:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

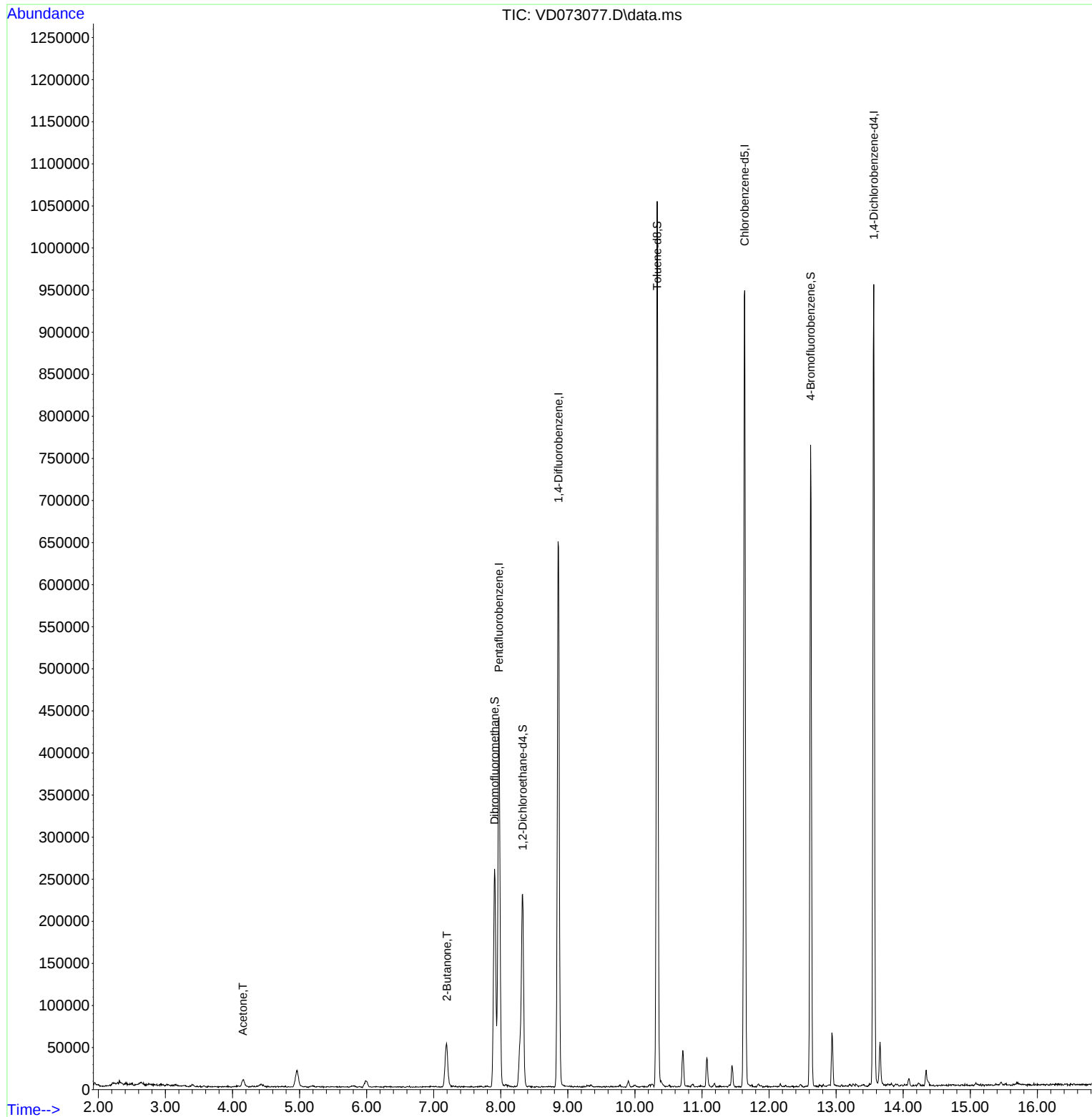
Internal Standards						
1) Pentafluorobenzene	7.973	168	305340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	559393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179811	47.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.180%
35) Dibromofluoromethane	7.908	113	191134	48.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.332	98	683584	47.976	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.620	95	244853	47.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.900%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	16307	23.599	ug/l	90
25) 2-Butanone	7.197	43	7559	7.224	ug/l	98

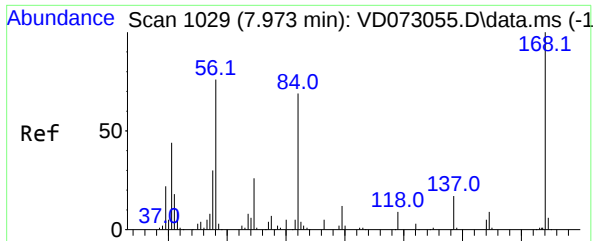
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SAS-1

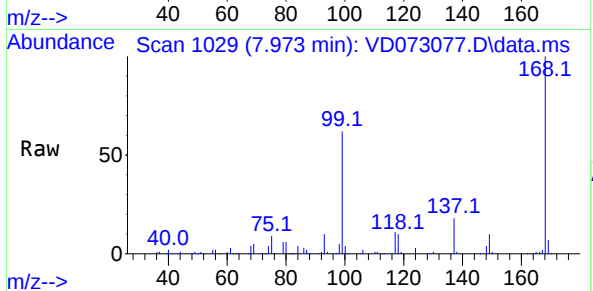
Quant Time: May 18 05:14:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
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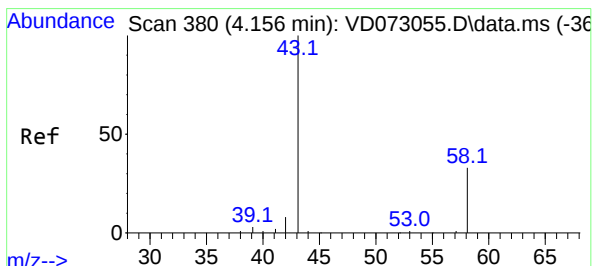
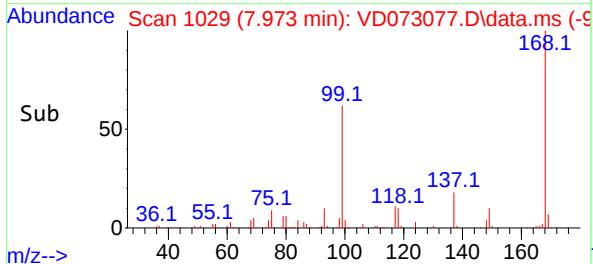
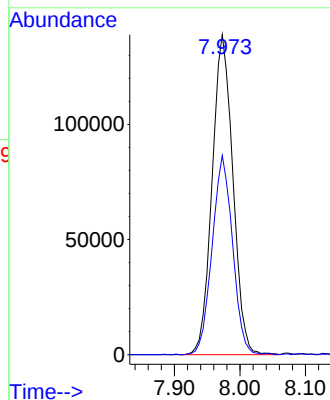


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Instrument :
MSVOA_D
ClientSampleId :
SAS-1

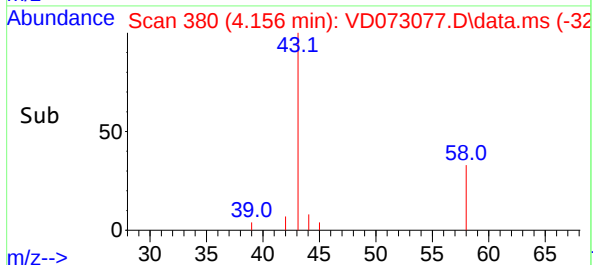
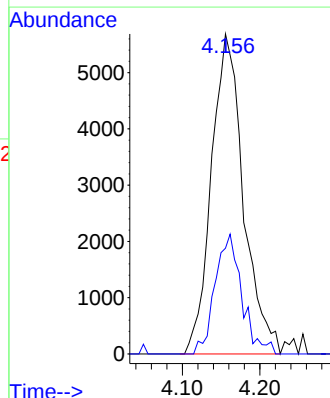
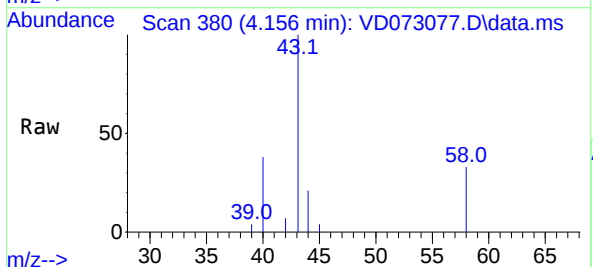


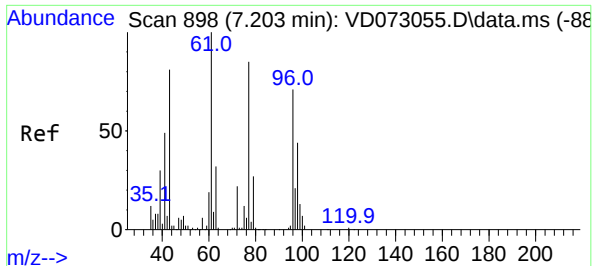
Tgt Ion:168 Resp: 305340
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#16
Acetone
Concen: 23.599 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Tgt Ion: 43 Resp: 16307
Ion Ratio Lower Upper
43 100
58 33.1 22.1 33.1





#25

2-Butanone

Concen: 7.224 ug/l

RT: 7.197 min Scan# 89

Delta R.T. -0.006 min

Lab File: VD073077.D

Acq: 18 May 2022 01:48

Instrument :

MSVOA_D

ClientSampleId :

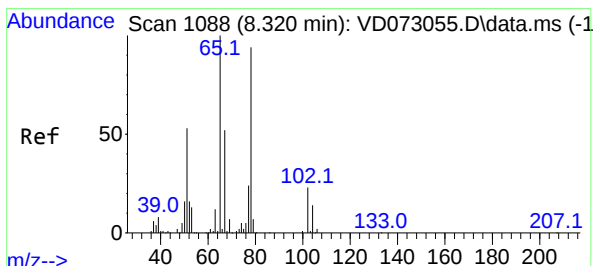
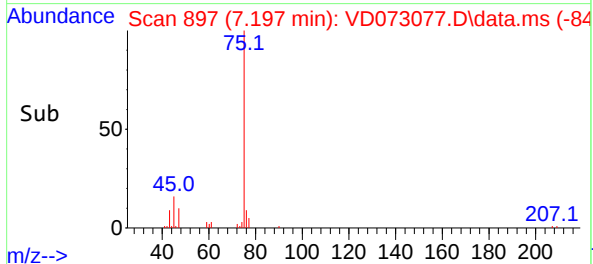
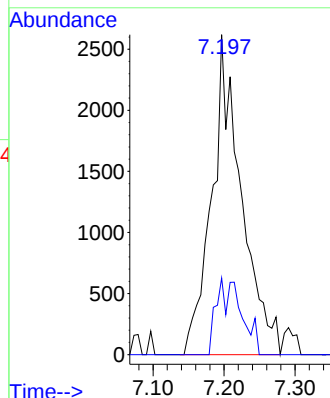
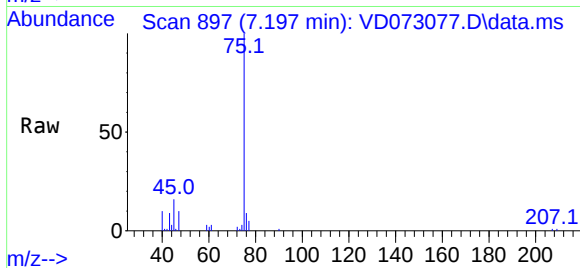
SAS-1

Tgt Ion: 43 Resp: 7559

Ion Ratio Lower Upper

43 100

72 23.9 18.6 27.8



#33

1,2-Dichloroethane-d4

Concen: 47.089 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073077.D

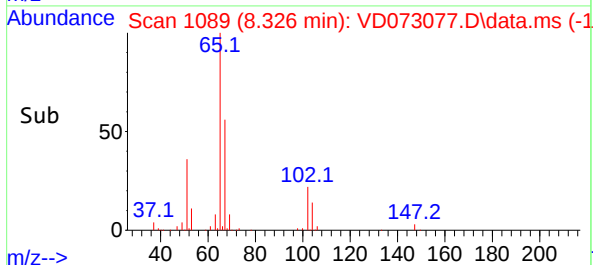
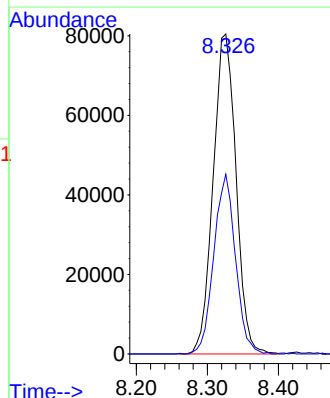
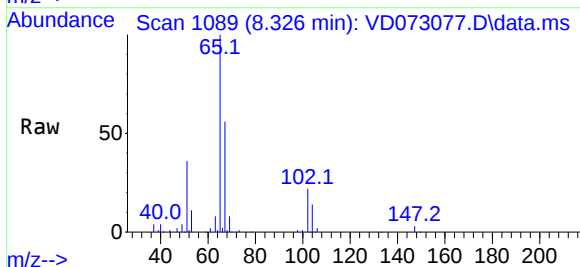
Acq: 18 May 2022 01:48

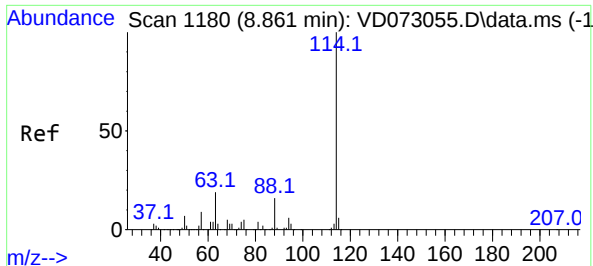
Tgt Ion: 65 Resp: 179811

Ion Ratio Lower Upper

65 100

67 53.2 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: VD073077.D

Acq: 18 May 2022 01:48

Instrument :

MSVOA_D

ClientSampleId :

SAS-1

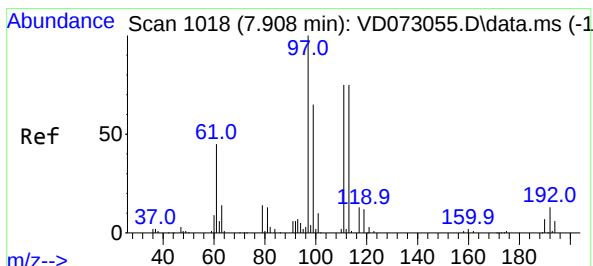
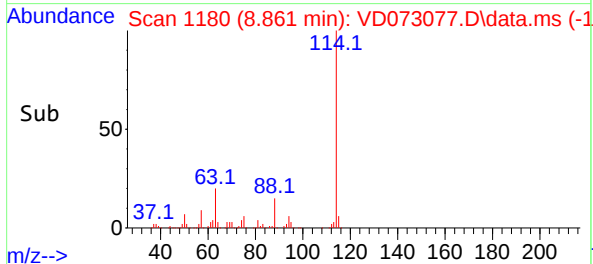
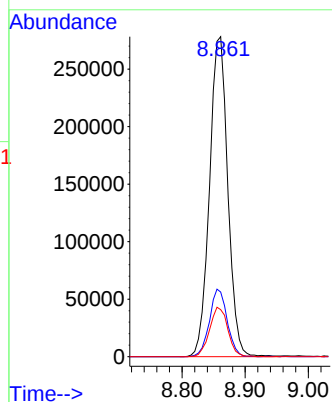
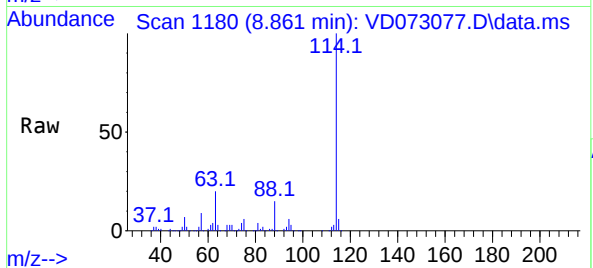
Tgt Ion:114 Resp: 559393

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 14.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.665 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073077.D

Acq: 18 May 2022 01:48

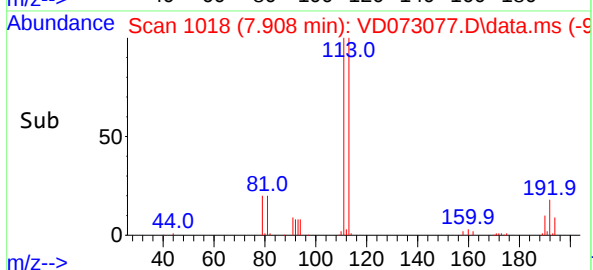
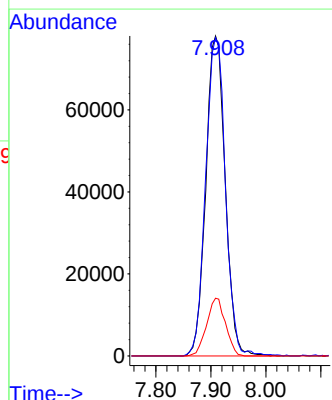
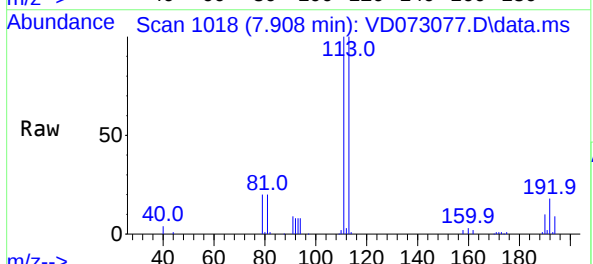
Tgt Ion:113 Resp: 191134

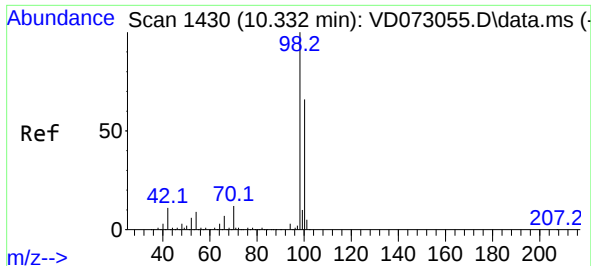
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 17.6 14.6 21.8

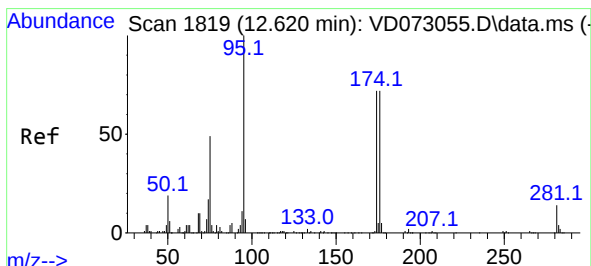
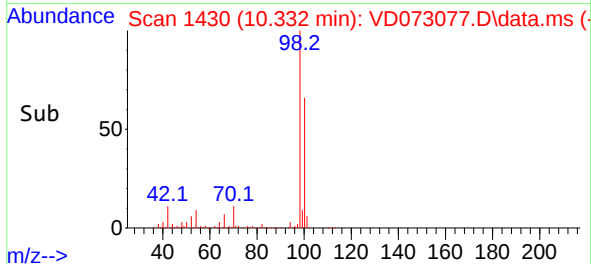
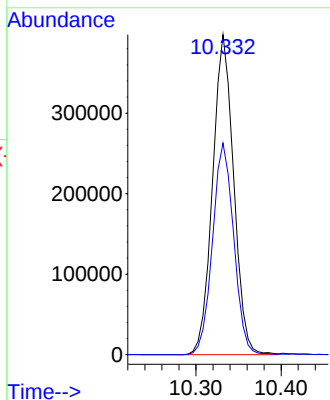
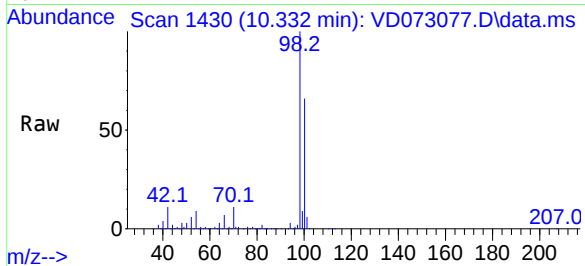




#50
Toluene-d8
Concen: 47.976 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

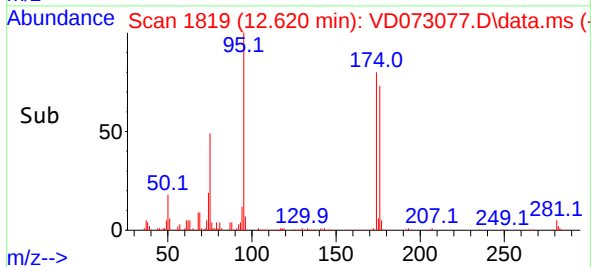
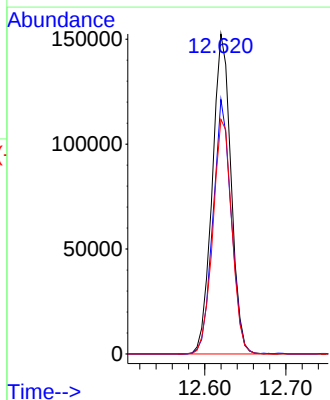
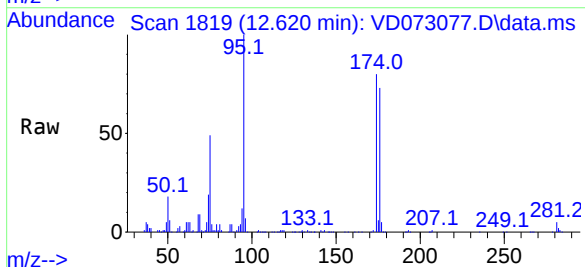
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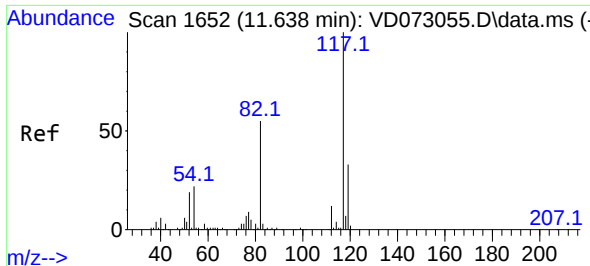
Tgt Ion: 98 Resp: 683584
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.445 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

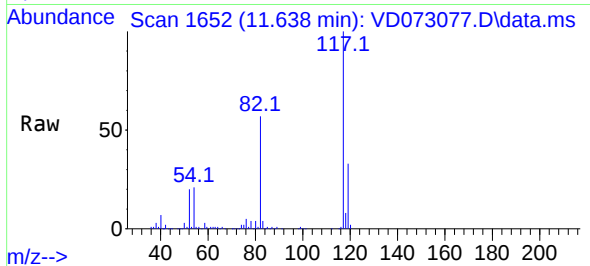
Tgt Ion: 95 Resp: 244853
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.3 0.0 145.4



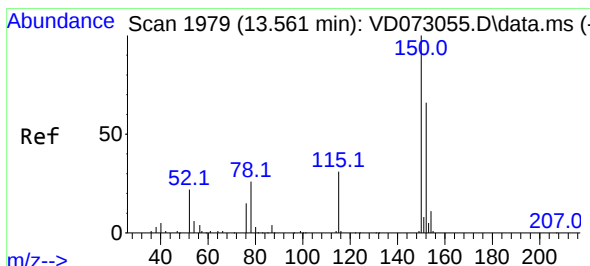
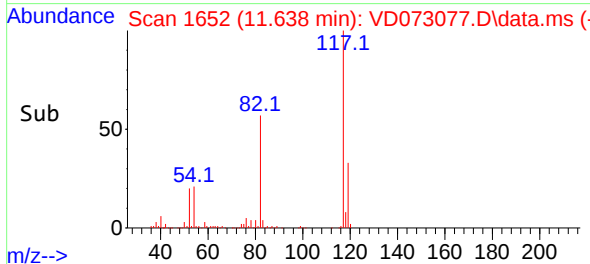
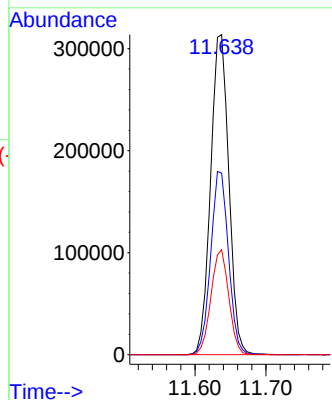


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073077.D
Acq: 18 May 2022 01:48

Instrument :
MSVOA_D
ClientSampleId :
SAS-1



Tgt Ion:117 Resp: 558851
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 32.8 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: VD073077.D
Acq: 18 May 2022 01:48

Tgt Ion:152 Resp: 248517
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 156.2 0.0 348.6

