

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
 Data File : VD071779.D
 Acq On : 24 Jan 2022 15:49
 Operator : VA/SY
 Sample : N1247-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-1A

Quant Time: Jan 25 04:11:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

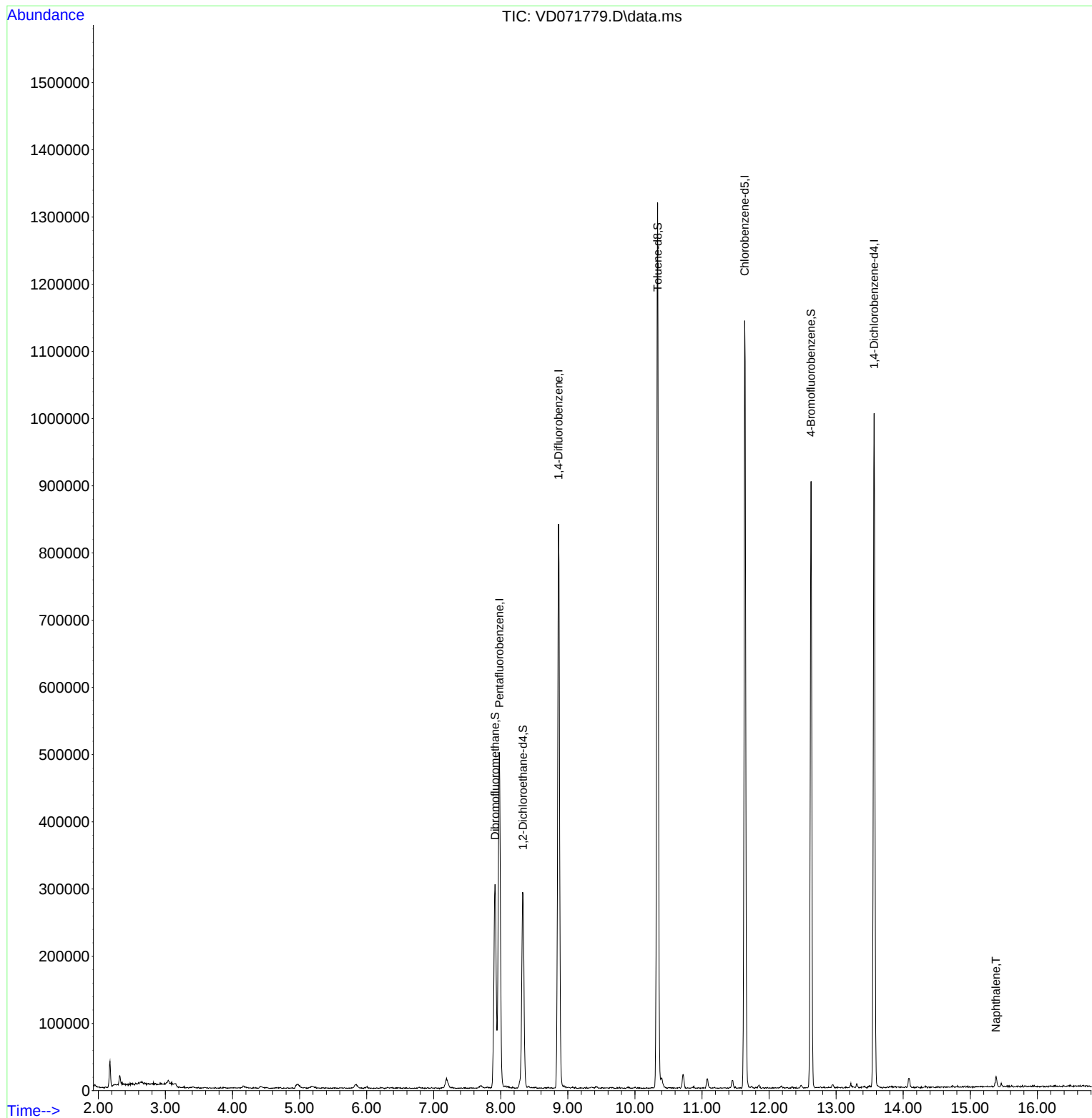
Internal Standards						
1) Pentafluorobenzene	7.979	168	338389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	645156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	586043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	238271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	237297	54.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.000%	
35) Dibromofluoromethane	7.914	113	215298	50.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.338	98	828973	51.940	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.626	95	251821	44.776	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.560%	
Target Compounds						
95) Naphthalene	15.384	128	10576	1.584	ug/l	Qvalue # 95

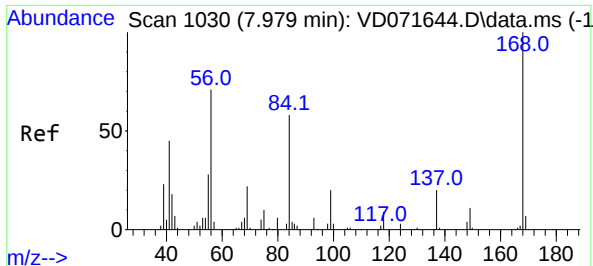
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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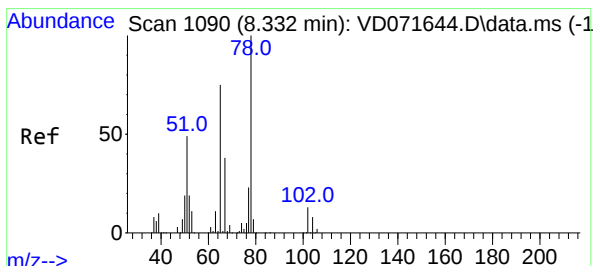
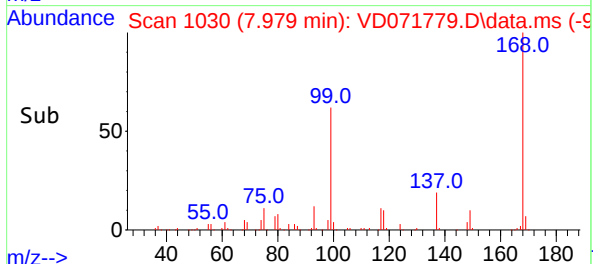
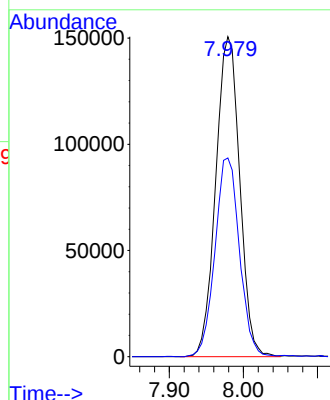
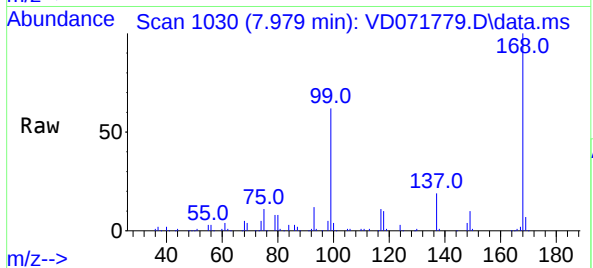




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071779.D
Acq: 24 Jan 2022 15:49

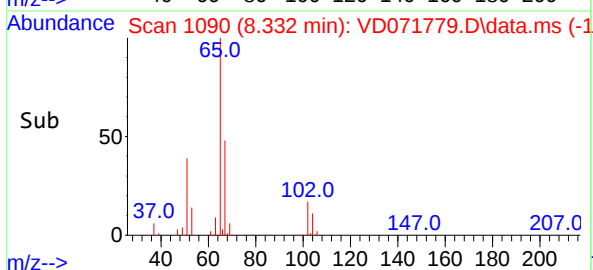
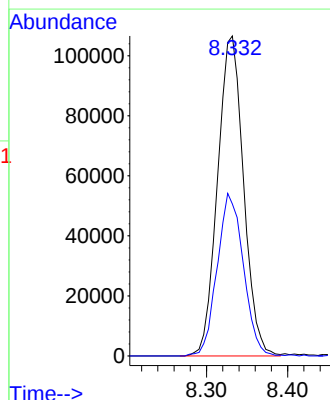
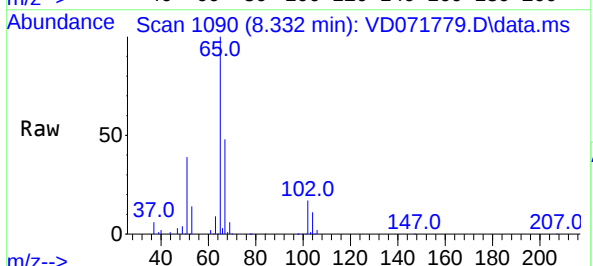
Instrument :
MSVOA_D
ClientSampleId :
SS-1A

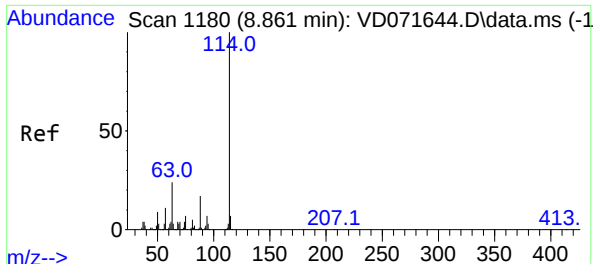
Tgt Ion:168 Resp: 338389
Ion Ratio Lower Upper
168 100
99 62.1 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 54.500 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071779.D
Acq: 24 Jan 2022 15:49

Tgt Ion: 65 Resp: 237297
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071779.D

Acq: 24 Jan 2022 15:49

Instrument :

MSVOA_D

ClientSampleId :

SS-1A

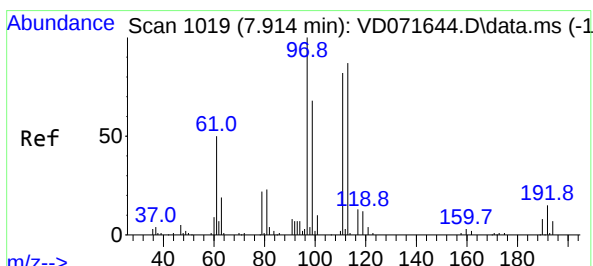
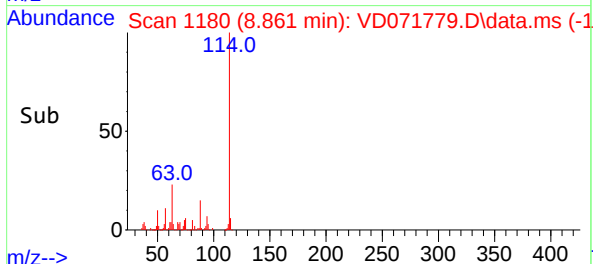
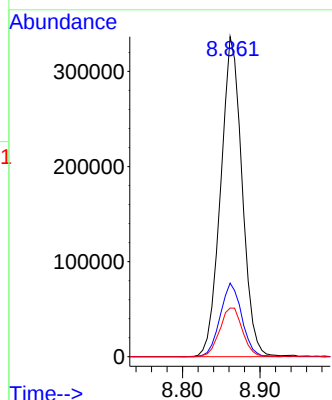
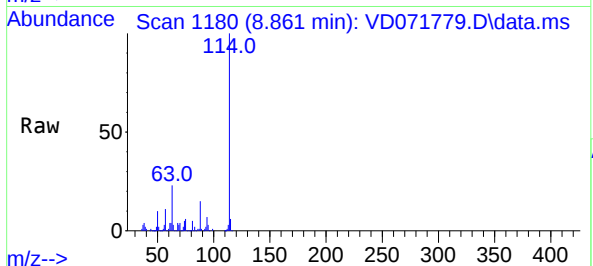
Tgt Ion:114 Resp: 645156

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.2

88 15.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.496 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071779.D

Acq: 24 Jan 2022 15:49

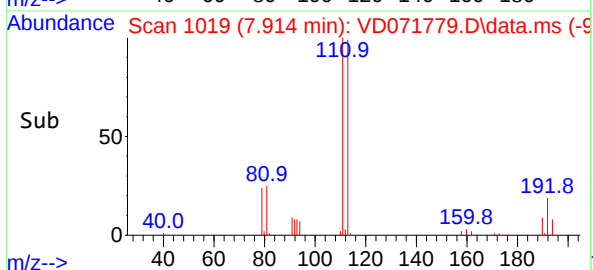
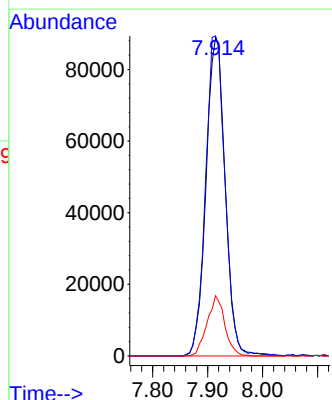
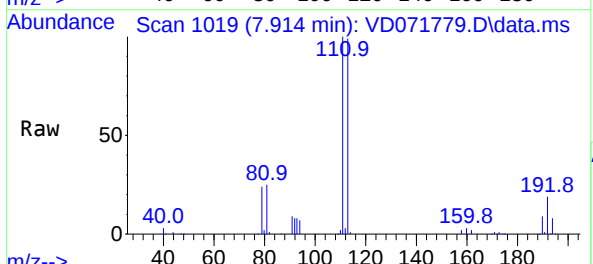
Tgt Ion:113 Resp: 215298

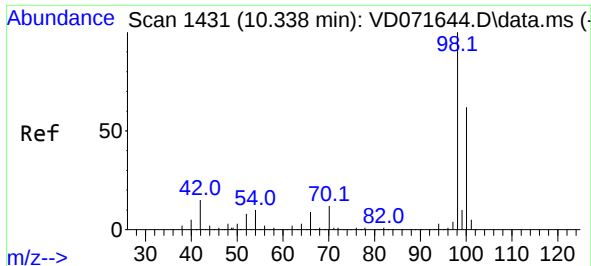
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 17.5 14.2 21.2

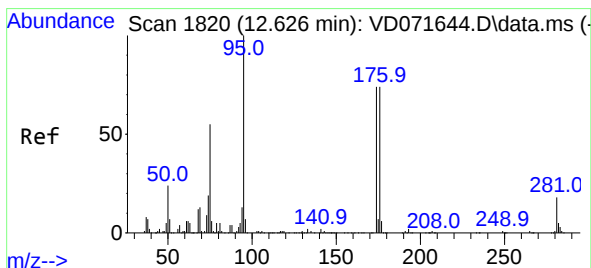
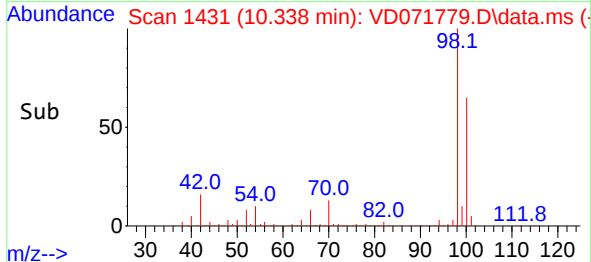
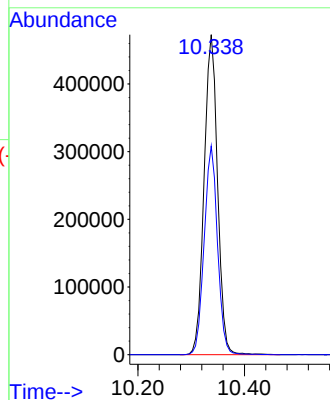
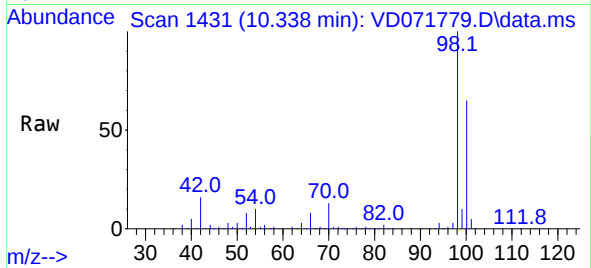




#50
Toluene-d8
Concen: 51.940 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071779.D
Acq: 24 Jan 2022 15:49

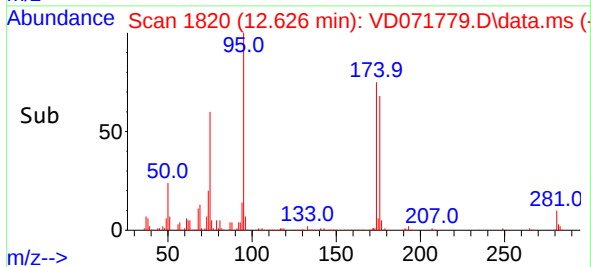
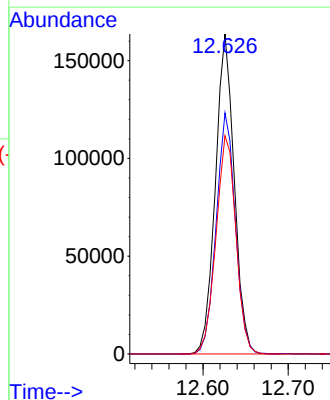
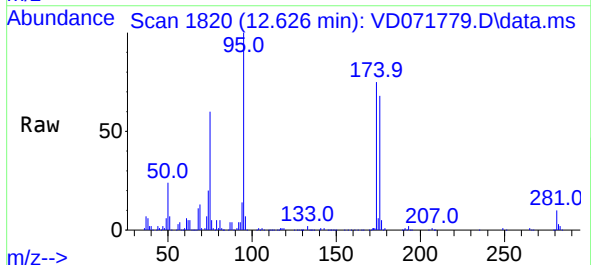
Instrument :
MSVOA_D
ClientSampleId :
SS-1A

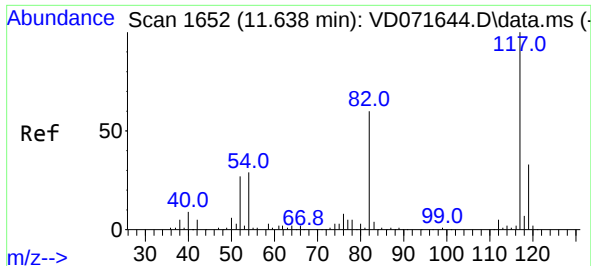
Tgt Ion: 98 Resp: 828973
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.776 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071779.D
Acq: 24 Jan 2022 15:49

Tgt Ion: 95 Resp: 251821
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.0
176 71.9 0.0 146.4

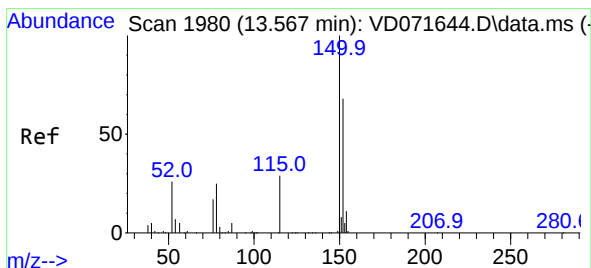
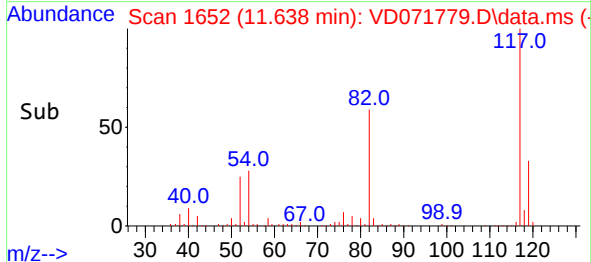
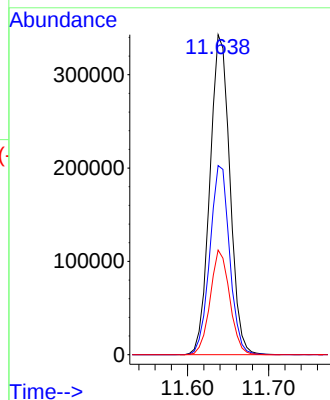
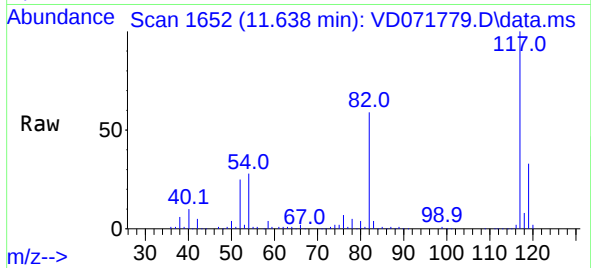




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11779
Delta R.T. 0.001 min
Lab File: VD071779.D
Acq: 24 Jan 2022 15:49

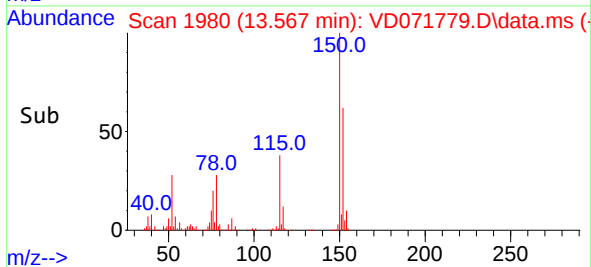
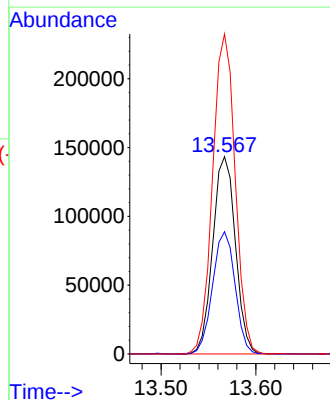
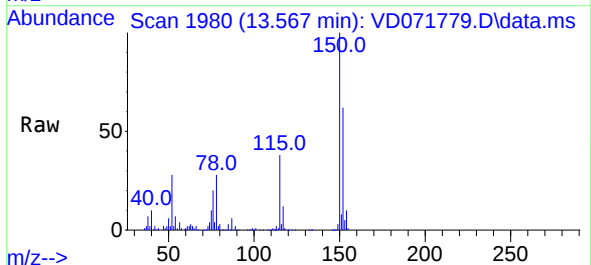
Instrument :
MSVOA_D
ClientSampleId :
SS-1A

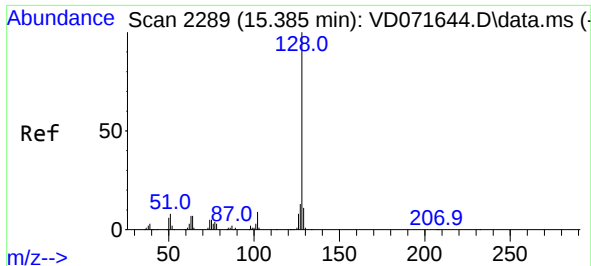
Tgt Ion:117 Resp: 586043
Ion Ratio Lower Upper
117 100
82 59.1 46.9 70.3
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071779.D
Acq: 24 Jan 2022 15:49

Tgt Ion:152 Resp: 238271
Ion Ratio Lower Upper
152 100
115 61.6 31.5 94.5
150 161.2 0.0 348.0





#95

Naphthalene

Concen: 1.584 ug/l

RT: 15.384 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD071779.D

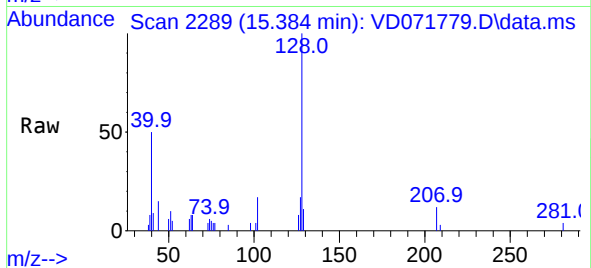
Acq: 24 Jan 2022 15:49

Instrument :

MSVOA_D

ClientSampleId :

SS-1A



Tgt Ion:128 Resp: 10576

Ion	Ratio	Lower	Upper
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128	100		
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127	16.4	10.9	16.3#
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129	12.5	9.1	13.7
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