

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074468.D
 Acq On : 06 Oct 2022 16:08
 Operator : VA/SY
 Sample : N5014-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Oct 07 01:26:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

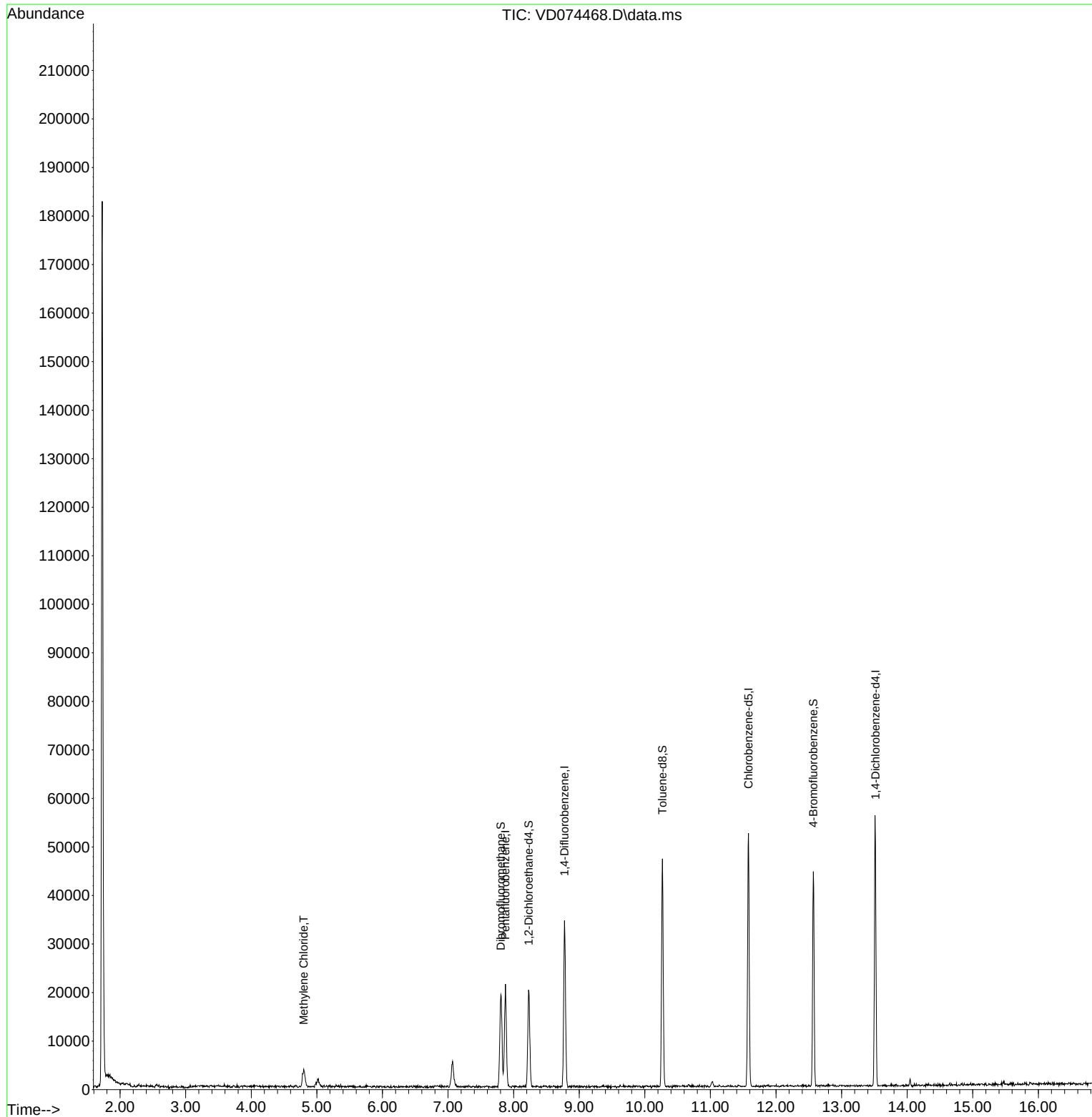
Internal Standards						
1) Pentafluorobenzene	7.875	168	17039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	32837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	33138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	15221	100.544	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	201.080%	#
35) Dibromofluoromethane	7.805	113	14493	66.933	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	133.860%	
50) Toluene-d8	10.269	98	34685	44.078	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	88.160%	
62) 4-Bromofluorobenzene	12.569	95	14003	58.322	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	116.640%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	3024	8.662	ug/l #	81

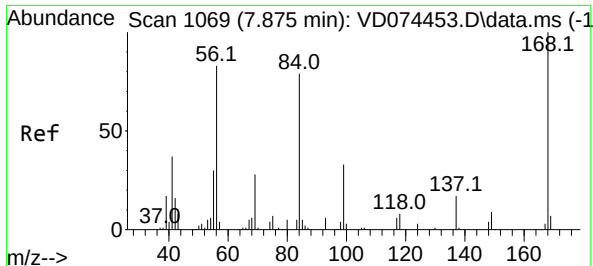
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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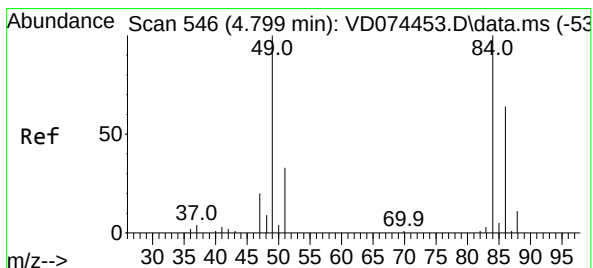
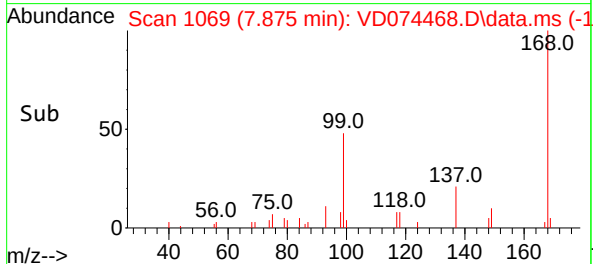
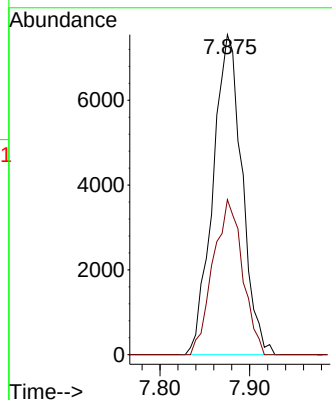
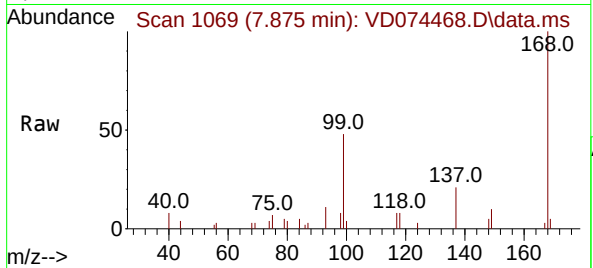




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

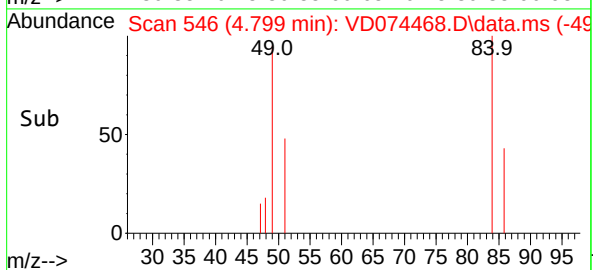
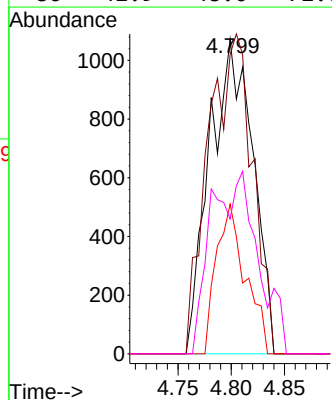
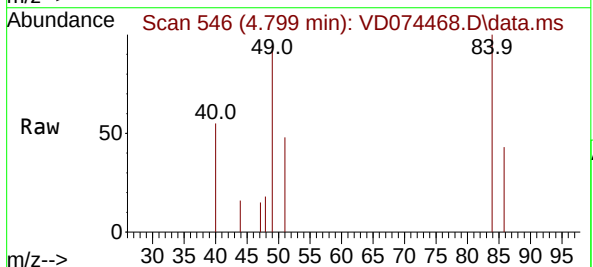
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

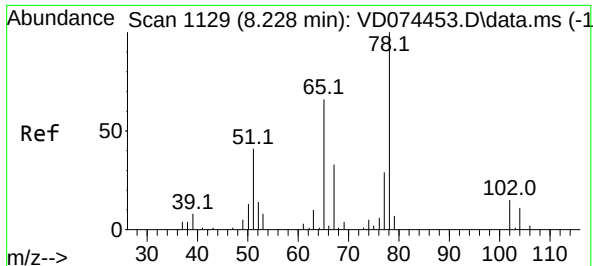
Tgt Ion:168 Resp: 17039
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#20
Methylene Chloride
Concen: 8.662 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Tgt Ion: 84 Resp: 3024
Ion Ratio Lower Upper
84 100
49 95.1 68.0 102.0
51 47.6 23.2 34.8#
86 42.9 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 100.544 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074468.D

Acq: 06 Oct 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

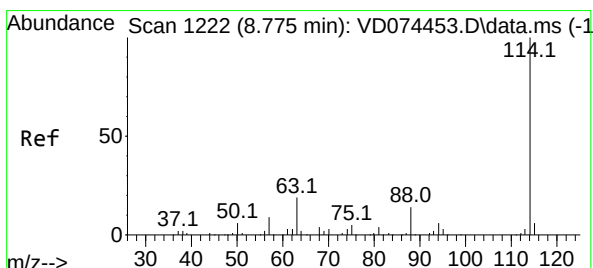
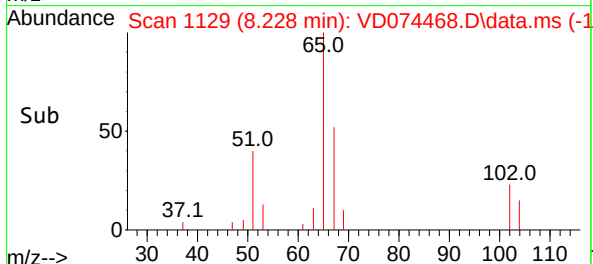
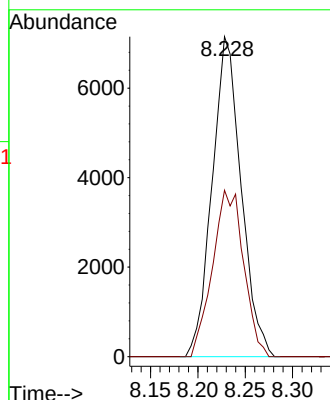
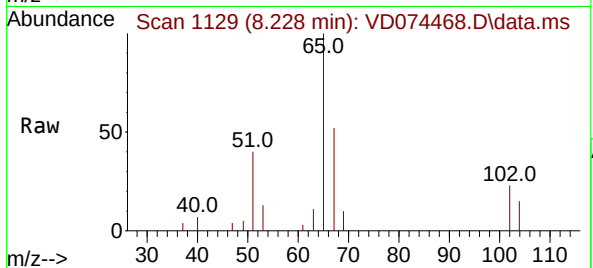
SB-06-0-2.0

Tgt Ion: 65 Resp: 15221

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074468.D

Acq: 06 Oct 2022 16:08

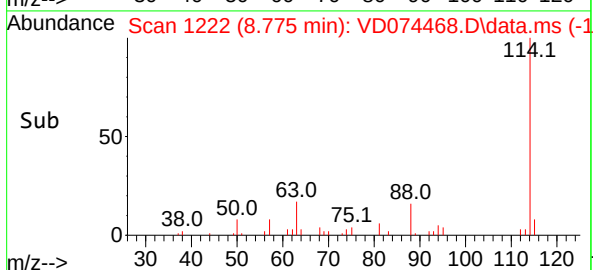
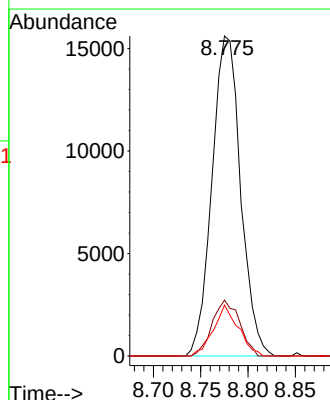
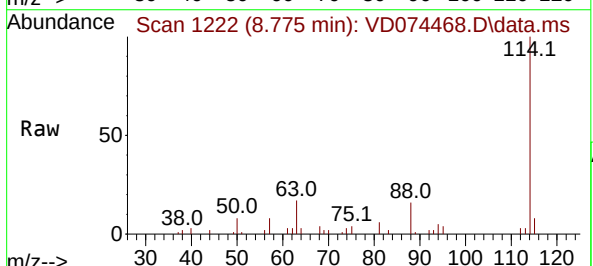
Tgt Ion: 114 Resp: 32837

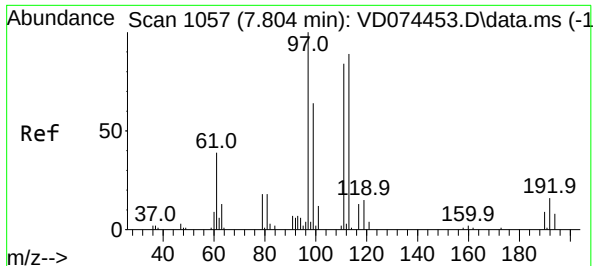
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 15.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 66.933 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074468.D

Acq: 06 Oct 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

SB-06-0-2.0

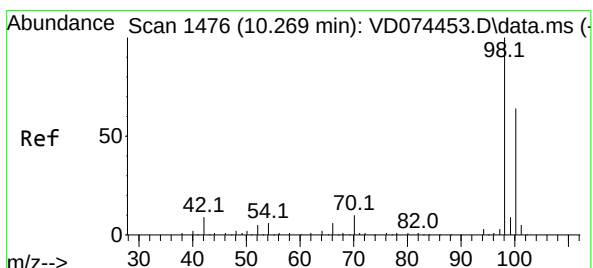
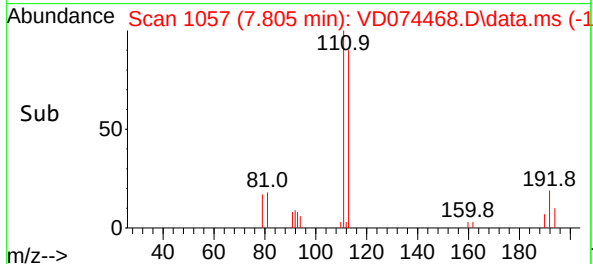
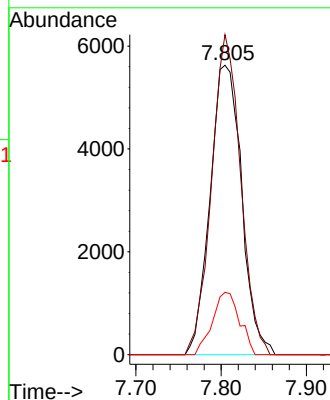
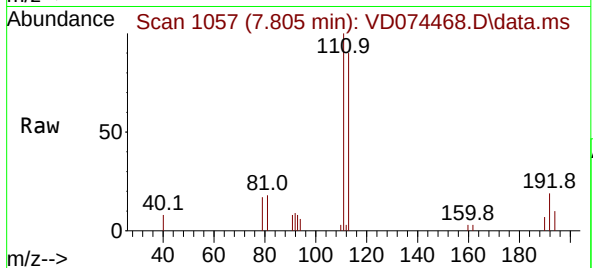
Tgt Ion:113 Resp: 14493

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

192 18.5 16.4 24.6



#50

Toluene-d8

Concen: 44.078 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074468.D

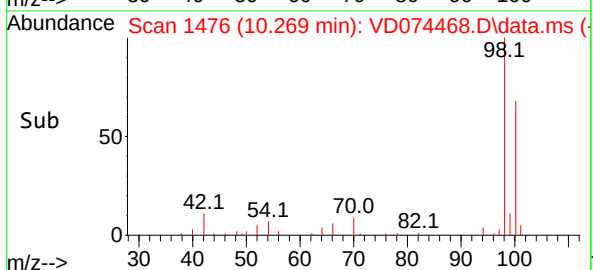
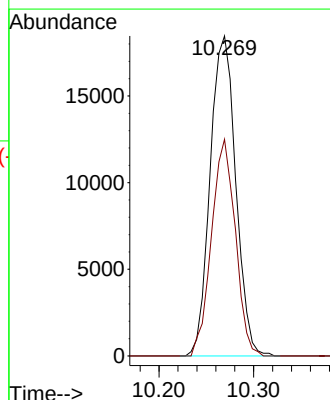
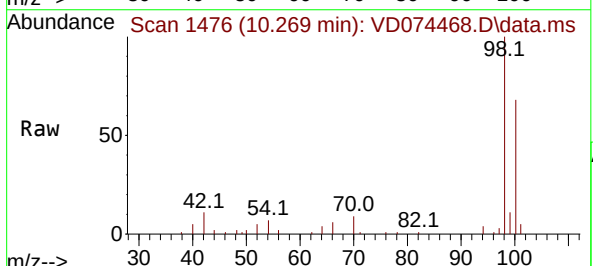
Acq: 06 Oct 2022 16:08

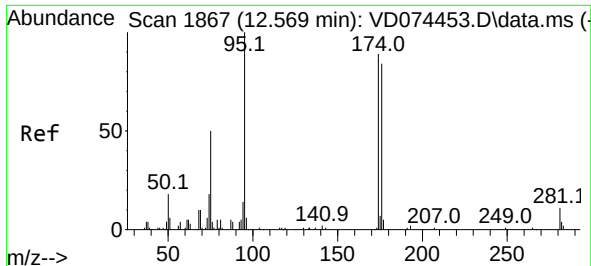
Tgt Ion: 98 Resp: 34685

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.0

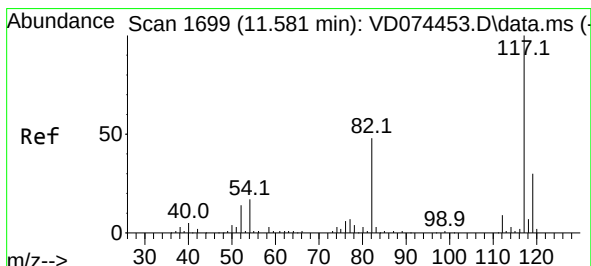
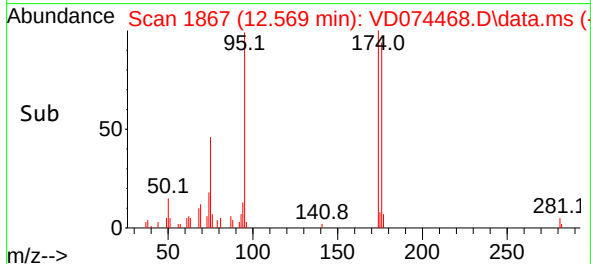
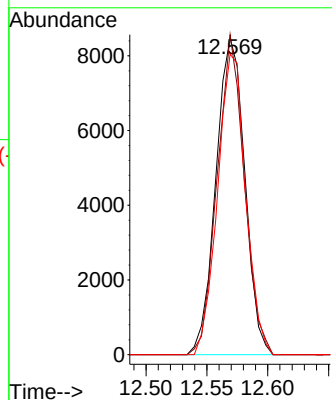
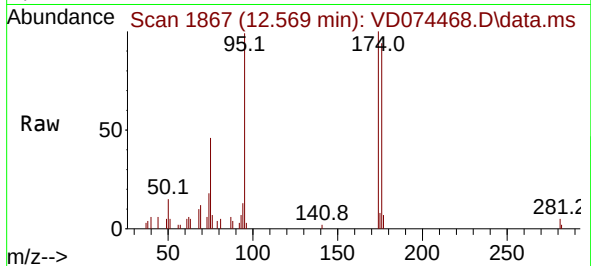




#62
4-Bromofluorobenzene
Concen: 58.322 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

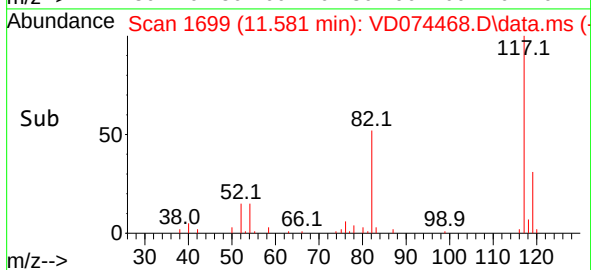
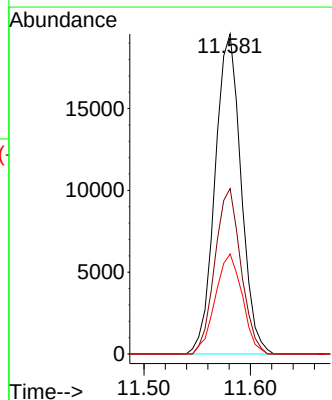
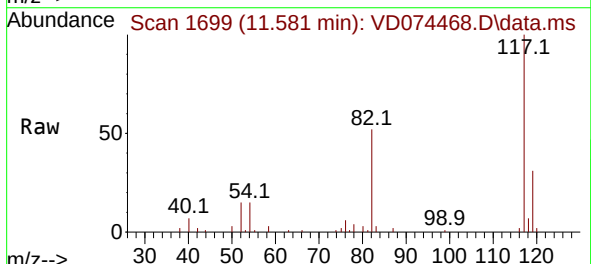
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0

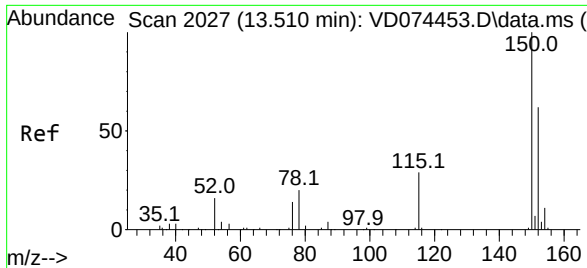
Tgt Ion: 95 Resp: 14003
Ion Ratio Lower Upper
95 100
174 94.4 0.0 197.0
176 92.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074468.D
Acq: 06 Oct 2022 16:08

Tgt Ion: 117 Resp: 33138
Ion Ratio Lower Upper
117 100
82 51.7 41.6 62.4
119 31.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074468.D

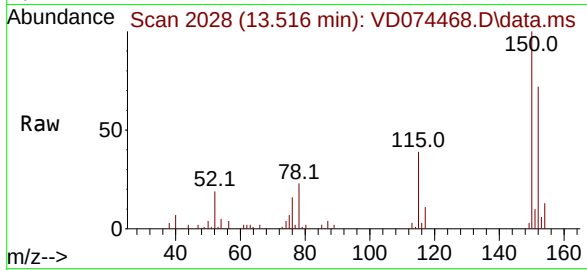
Acq: 06 Oct 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

SB-06-0-2.0



Tgt Ion:152 Resp: 15427

Ion Ratio Lower Upper

152 100

115 58.8 26.8 80.4

150 165.6 0.0 348.2

