

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074488.D
 Acq On : 07 Oct 2022 14:00
 Operator : VA/SY
 Sample : N5014-03RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-2.0-3.0RE

Quant Time: Oct 08 02:24:36 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	2517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	5369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	5035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2200	98.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	196.760%#
35) Dibromofluoromethane	7.792	113	1927	54.429	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.860%
50) Toluene-d8	10.269	98	6444	49.837	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.574	95	1875	46.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.960%

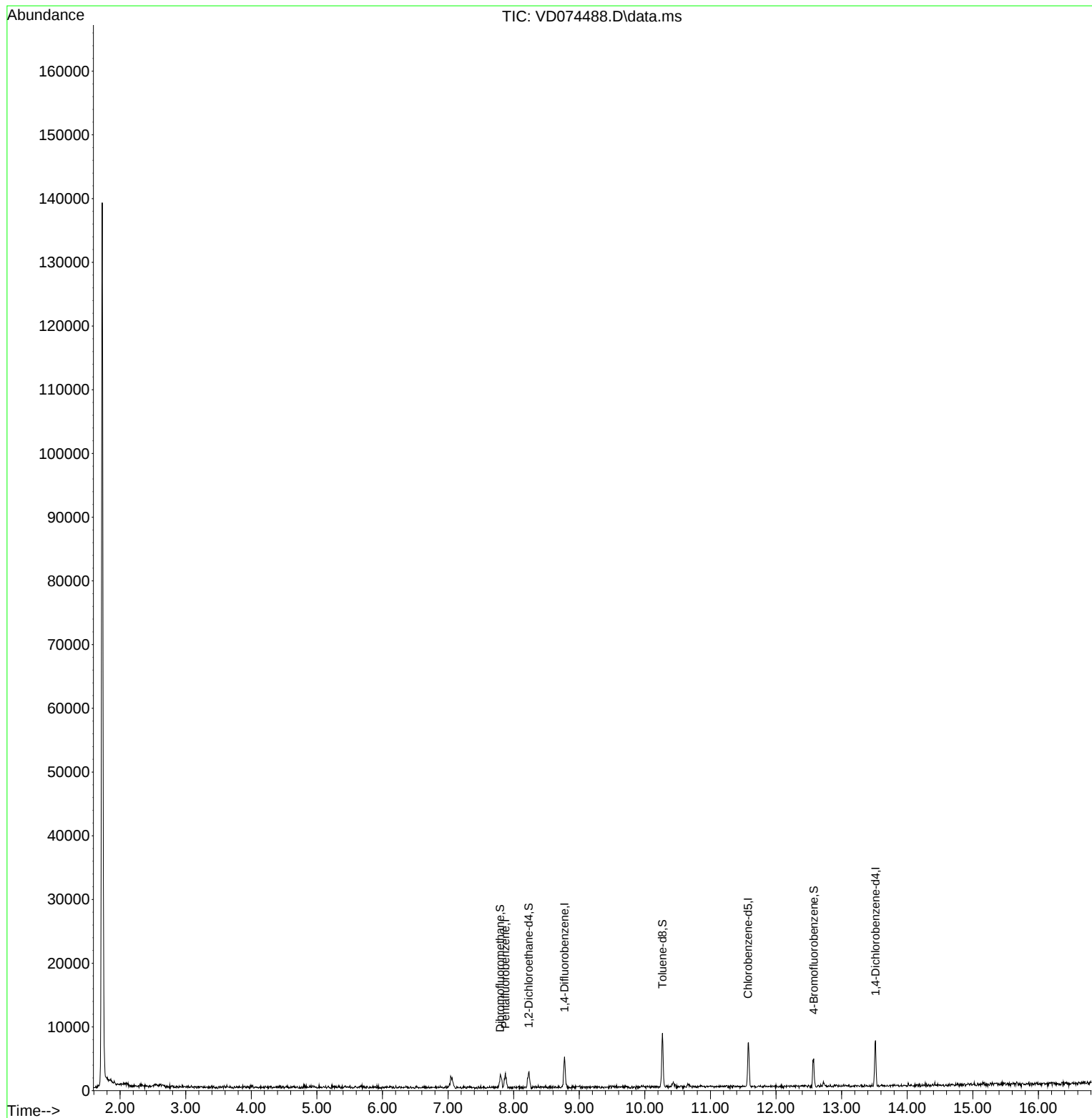
Target Compounds Qvalue

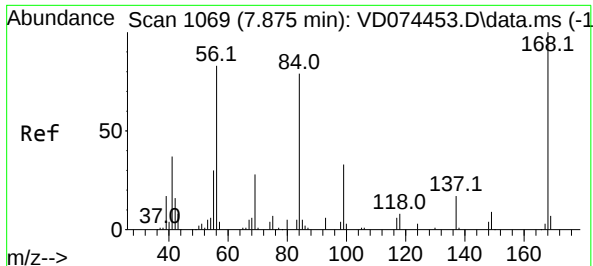
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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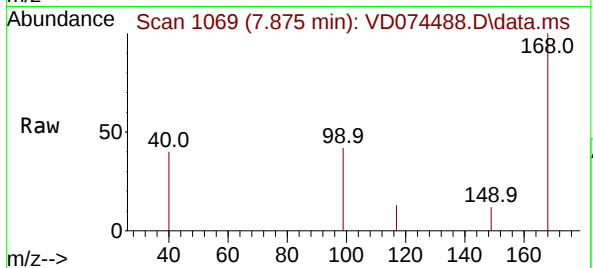
Quant Time: Oct 08 02:24:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
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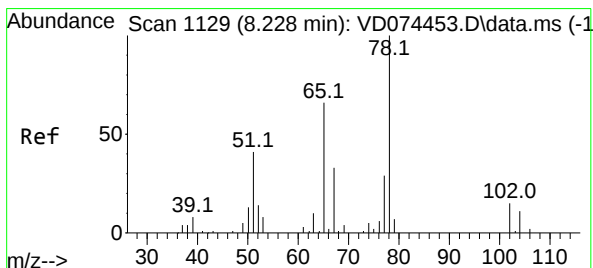
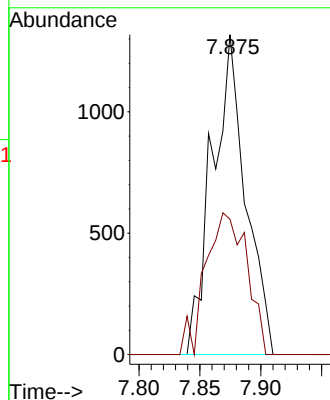
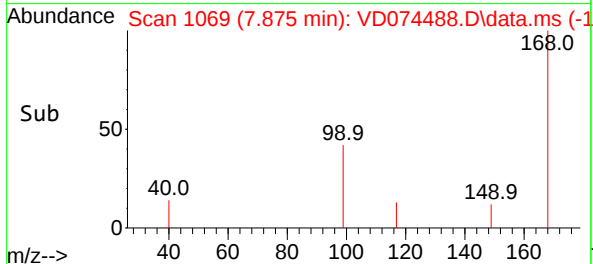


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
SB-05-2.0-3.0RE

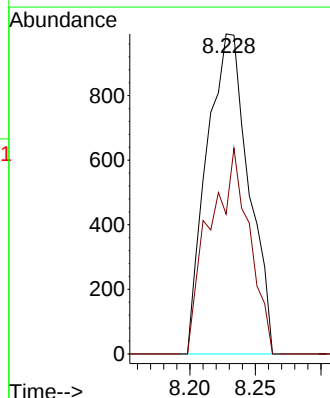
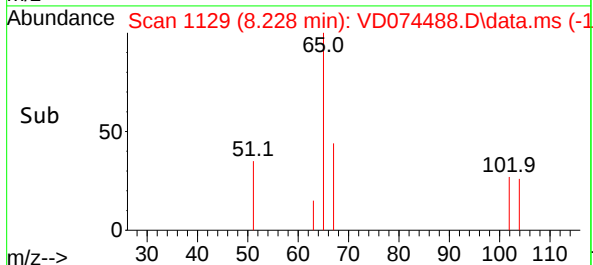
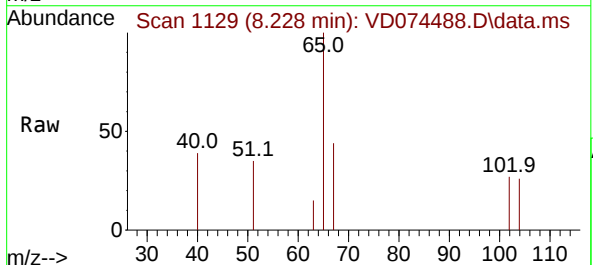


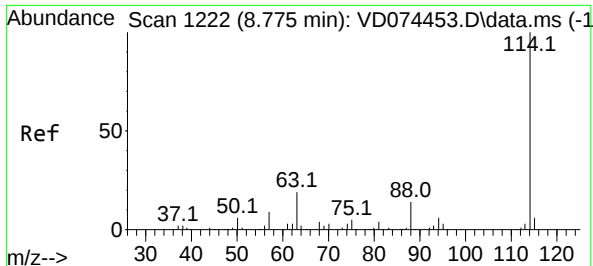
Tgt Ion:168 Resp: 2517
Ion Ratio Lower Upper
168 100
99 42.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 98.378 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Tgt Ion: 65 Resp: 2200
Ion Ratio Lower Upper
65 100
67 60.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074488.D

Acq: 07 Oct 2022 14:00

Instrument :

MSVOA_D

ClientSampleId :

SB-05-2.0-3.0RE

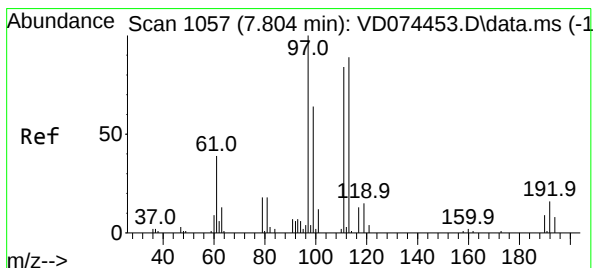
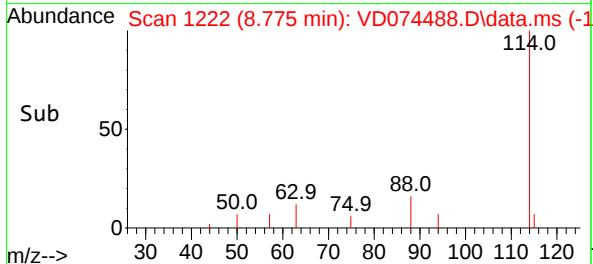
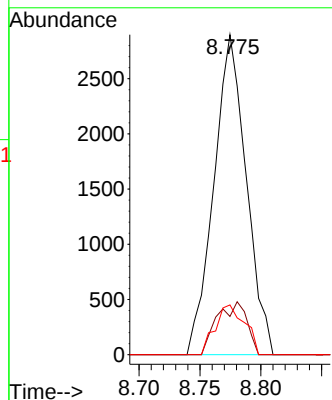
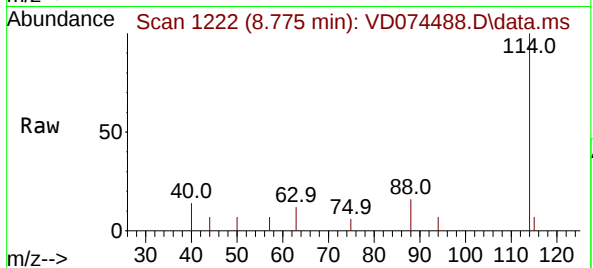
Tgt Ion:114 Resp: 5369

Ion Ratio Lower Upper

114 100

63 11.9 0.0 33.2

88 15.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 54.429 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VD074488.D

Acq: 07 Oct 2022 14:00

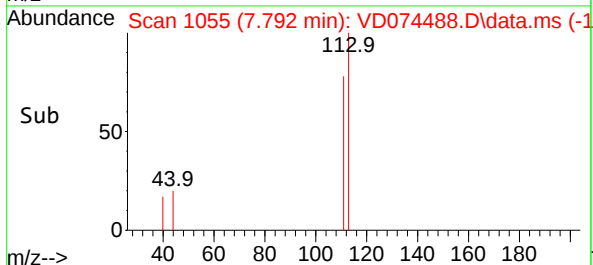
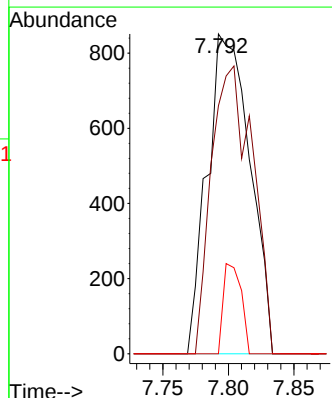
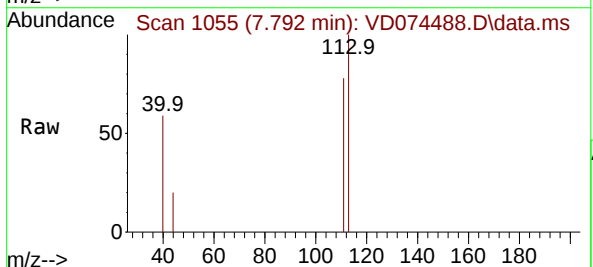
Tgt Ion:113 Resp: 1927

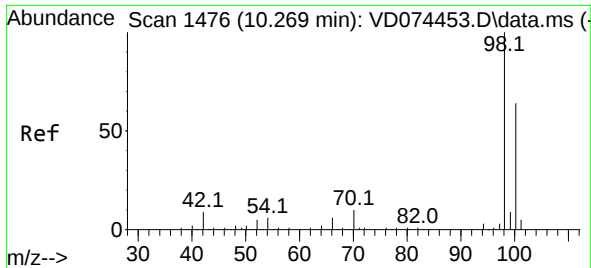
Ion Ratio Lower Upper

113 100

111 86.9 82.3 123.5

192 11.7 16.4 24.6#

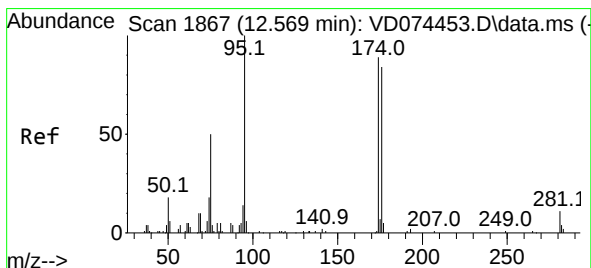
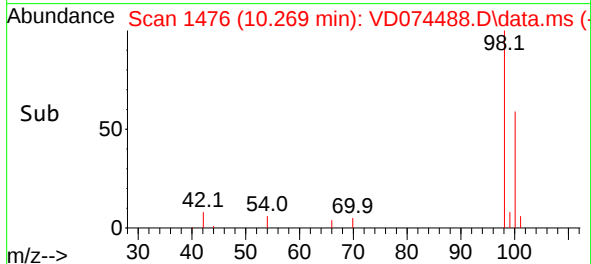
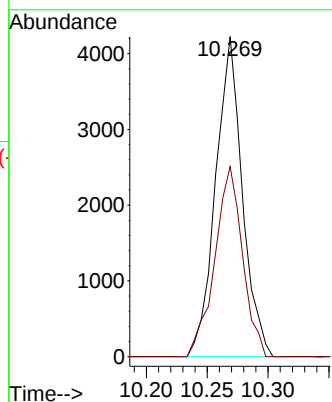
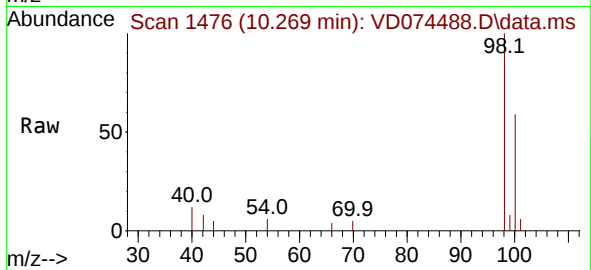




#50
Toluene-d8
Concen: 49.837 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

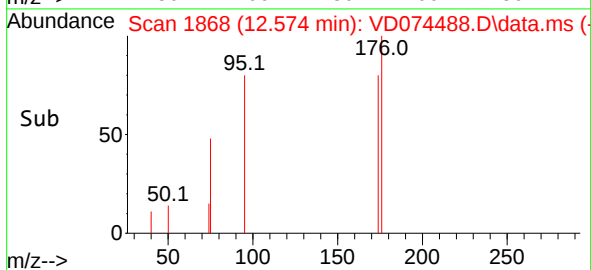
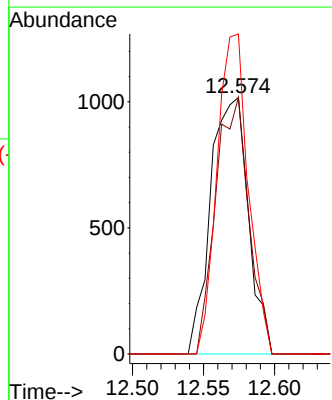
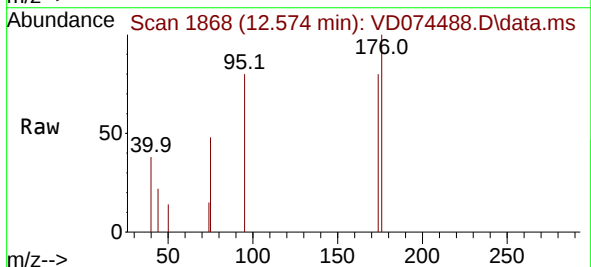
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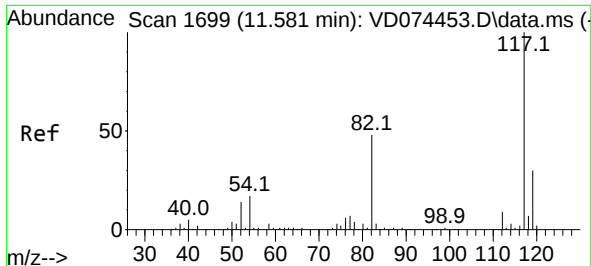
Tgt Ion: 98 Resp: 6444
Ion Ratio Lower Upper
98 100
100 61.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.485 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.005 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Tgt Ion: 95 Resp: 1875
Ion Ratio Lower Upper
95 100
174 88.2 0.0 197.0
176 103.7 0.0 182.6

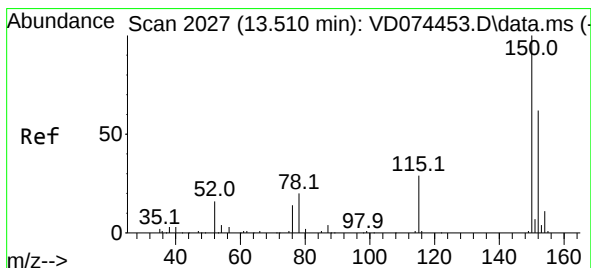
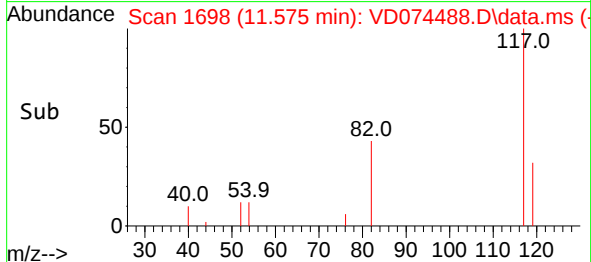
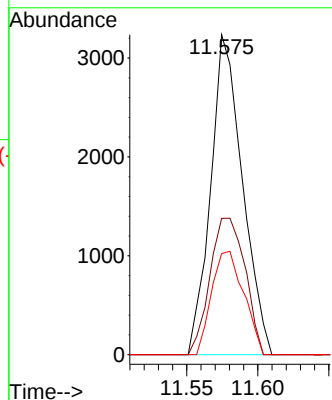
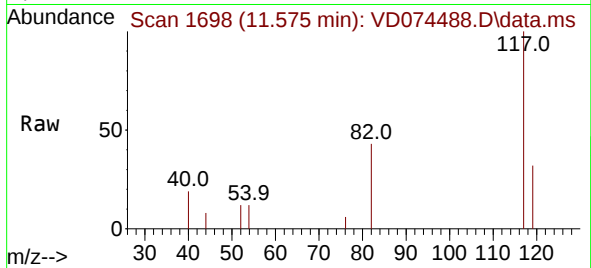




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
SB-05-2.0-3.0RE

Tgt Ion:117	Resp:	5035
Ion	Ratio	Lower Upper
117	100	
82	42.6	41.6 62.4
119	31.6	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Tgt Ion:152	Resp:	2404
Ion	Ratio	Lower Upper
152	100	
115	48.6	26.8 80.4
150	161.2	0.0 348.2

