

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074484.D
 Acq On : 07 Oct 2022 12:09
 Operator : VA/SY
 Sample : N5014-12RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-2.0-3.5RE

Quant Time: Oct 08 02:24:03 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	7.869	168	7075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	11835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	5526	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5181	82.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.840%#
35) Dibromofluoromethane	7.804	113	4689	55.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.520%
50) Toluene-d8	10.269	98	11214	36.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.380%
62) 4-Bromofluorobenzene	12.569	95	4339	44.644	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.280%

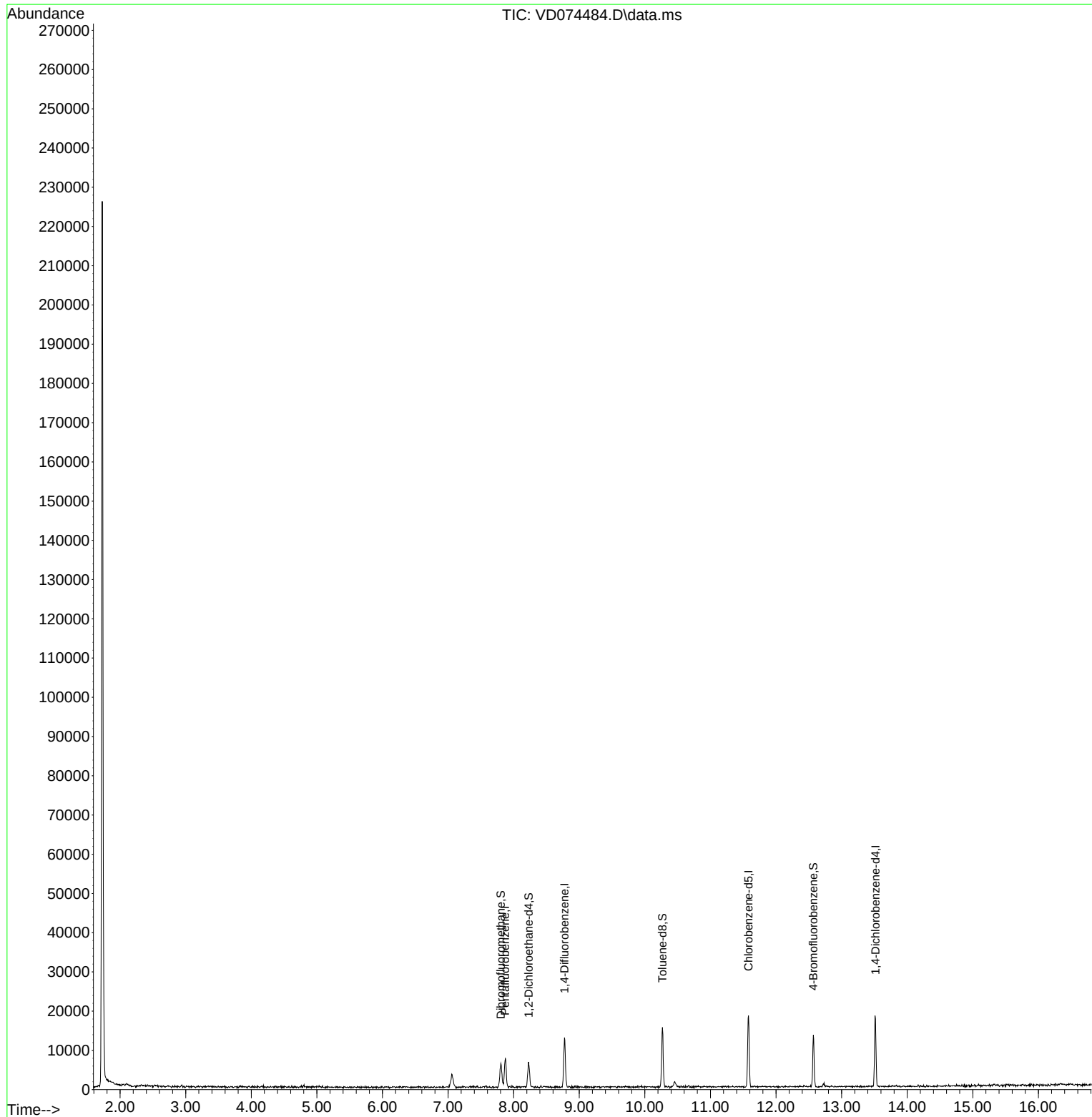
Target Compounds	Qvalue

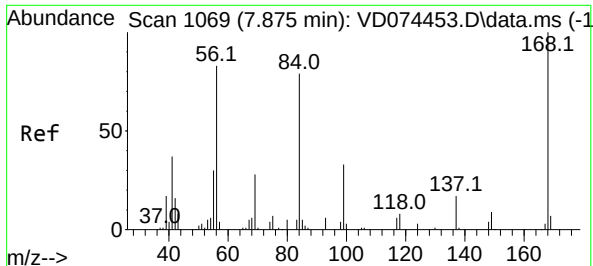
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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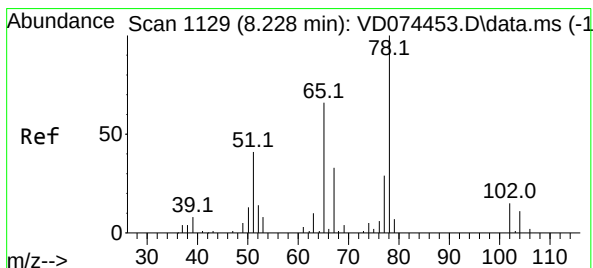
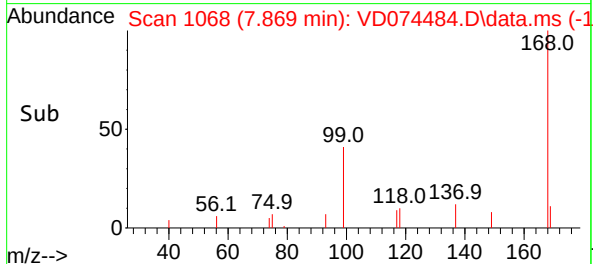
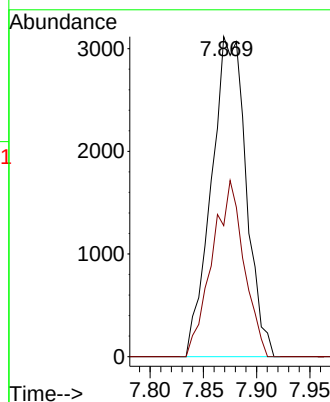
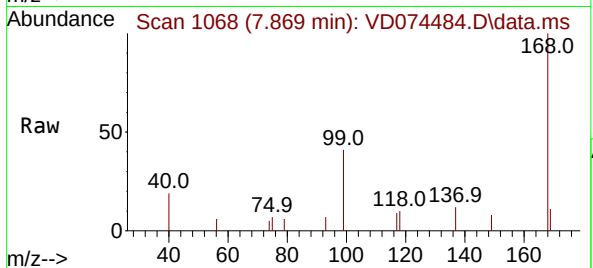




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

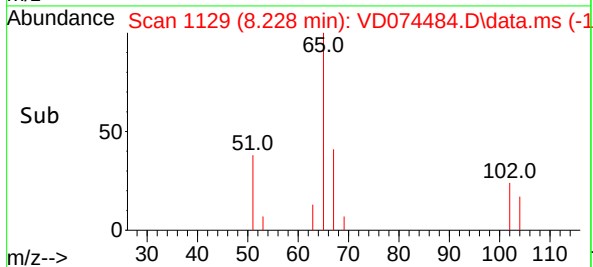
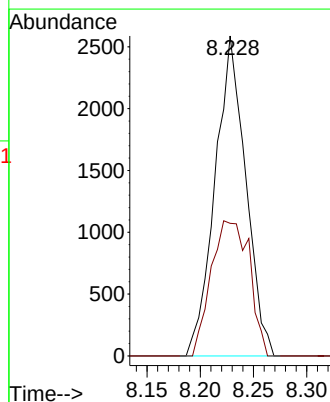
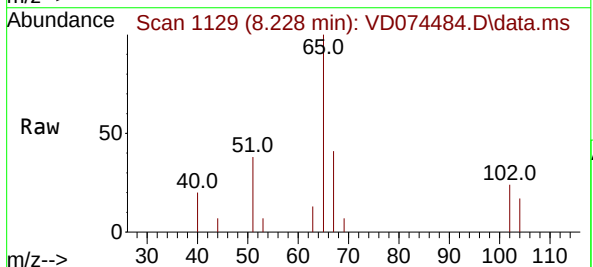
Instrument :
MSVOA_D
ClientSampleId :
SB-10-2.0-3.5RE

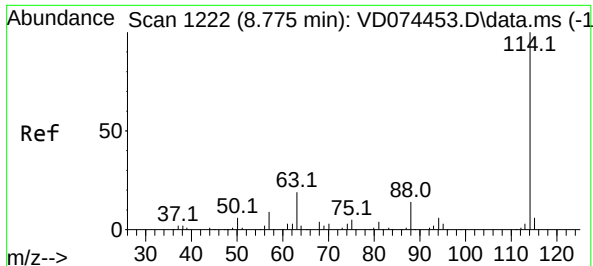
Tgt Ion:168 Resp: 7075
Ion Ratio Lower Upper
168 100
99 40.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 82.422 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Tgt Ion: 65 Resp: 5181
Ion Ratio Lower Upper
65 100
67 52.8 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: VD074484.D

Acq: 07 Oct 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

SB-10-2.0-3.5RE

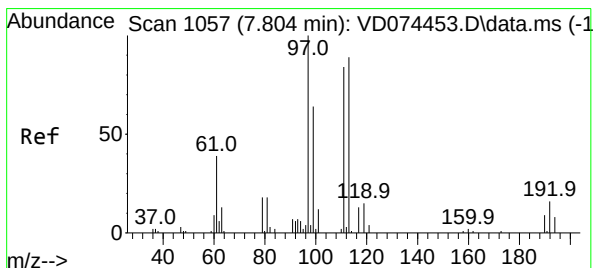
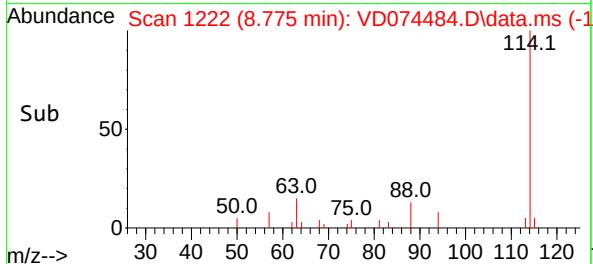
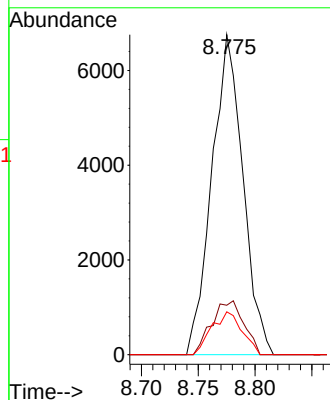
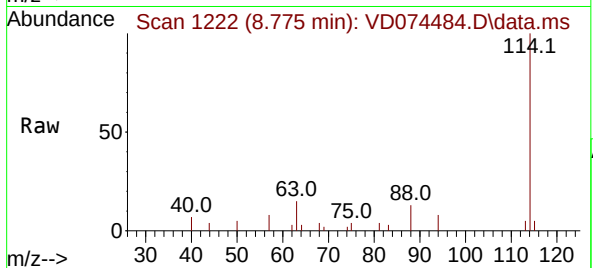
Tgt Ion:114 Resp: 12867

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.265 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074484.D

Acq: 07 Oct 2022 12:09

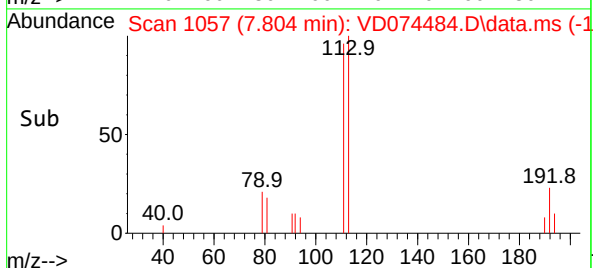
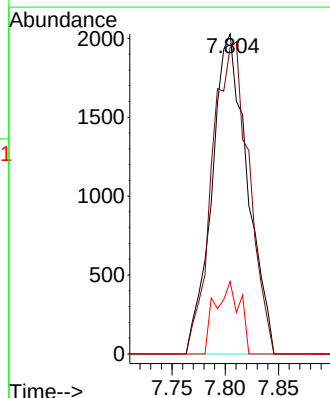
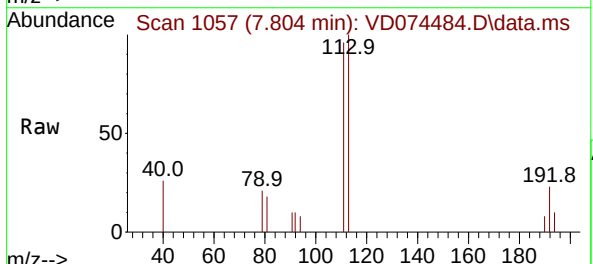
Tgt Ion:113 Resp: 4689

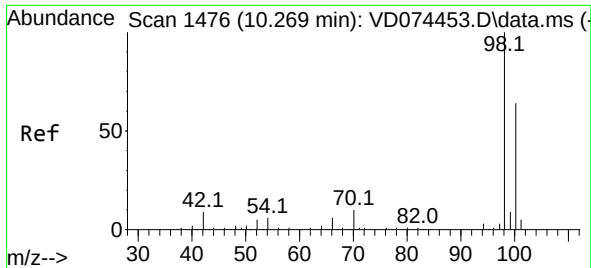
Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 15.7 16.4 24.6#

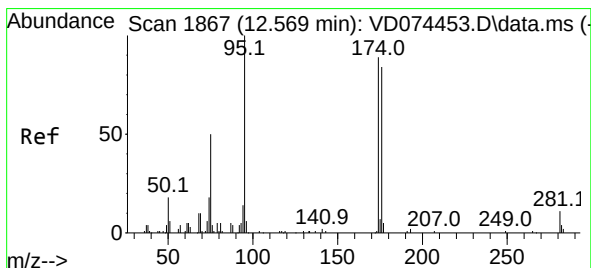
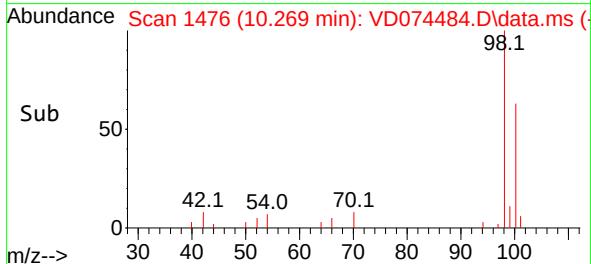
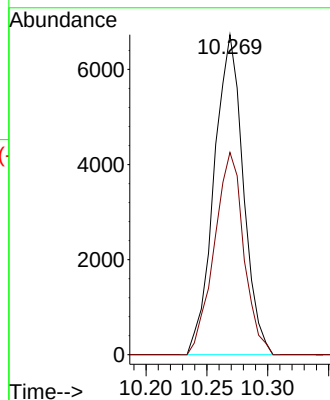
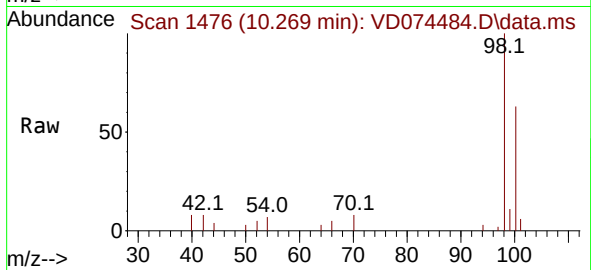




#50
Toluene-d8
Concen: 36.686 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

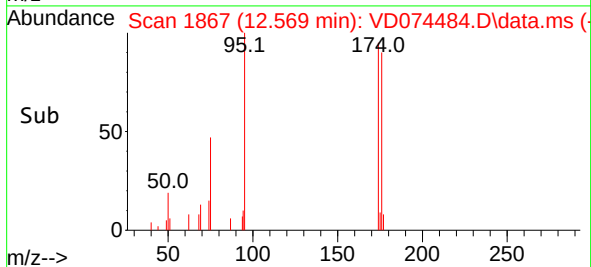
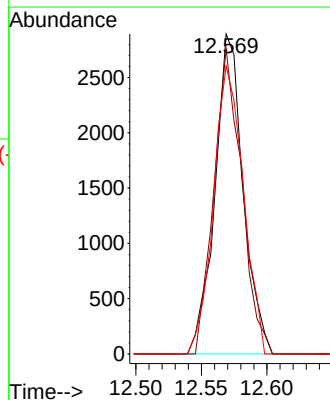
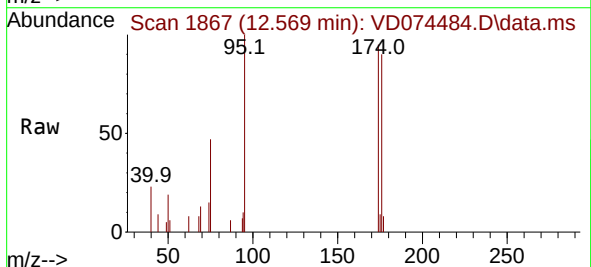
Instrument :
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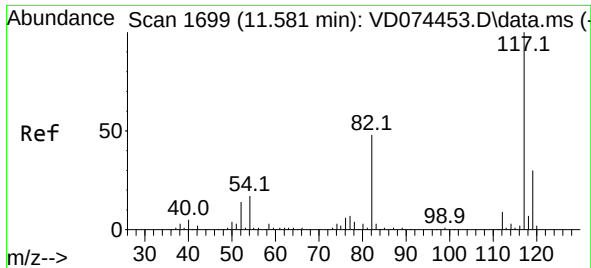
Tgt Ion: 98 Resp: 11214
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.644 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Tgt Ion: 95 Resp: 4339
Ion Ratio Lower Upper
95 100
174 93.6 0.0 197.0
176 95.1 0.0 182.6

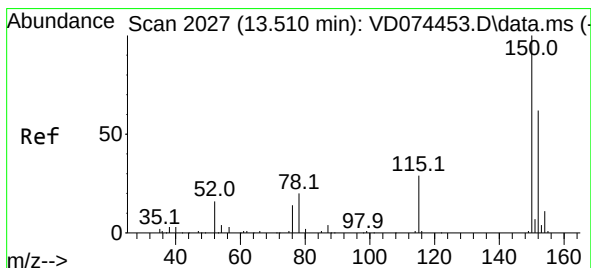
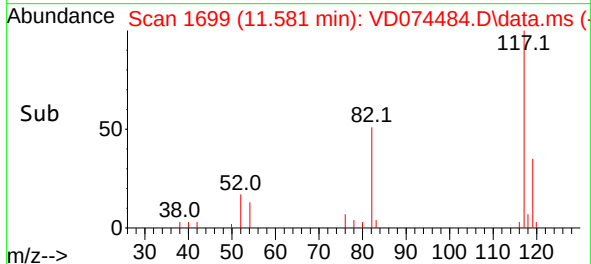
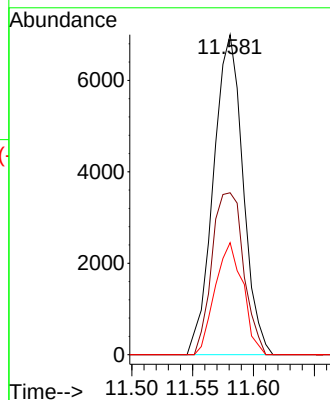
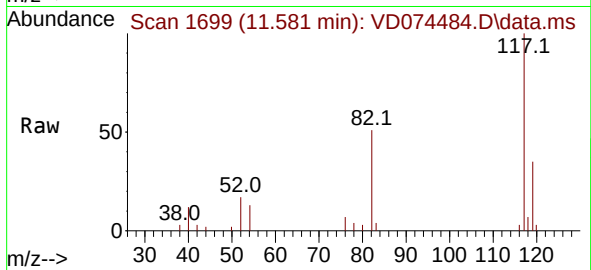




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074484.D
Acq: 07 Oct 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
SB-10-2.0-3.5RE

Tgt Ion:117	Resp:	11835
Ion	Ratio	Lower Upper
117	100	
82	50.6	41.6 62.4
119	35.0	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: VD074484.D
Acq: 07 Oct 2022 12:09

Tgt Ion:152	Resp:	5526
Ion	Ratio	Lower Upper
152	100	
115	56.5	26.8 80.4
150	160.9	0.0 348.2

