

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074466.D
 Acq On : 06 Oct 2022 15:12
 Operator : VA/SY
 Sample : N5014-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 07 01:26:27 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	541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	867	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.581	117	1099	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	442	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	490	101.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	203.880%#
35) Dibromofluoromethane	7.804	113	318	55.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.240%
50) Toluene-d8	10.269	98	1232	58.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.340%
62) 4-Bromofluorobenzene	12.569	95	338	52.713	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.420%

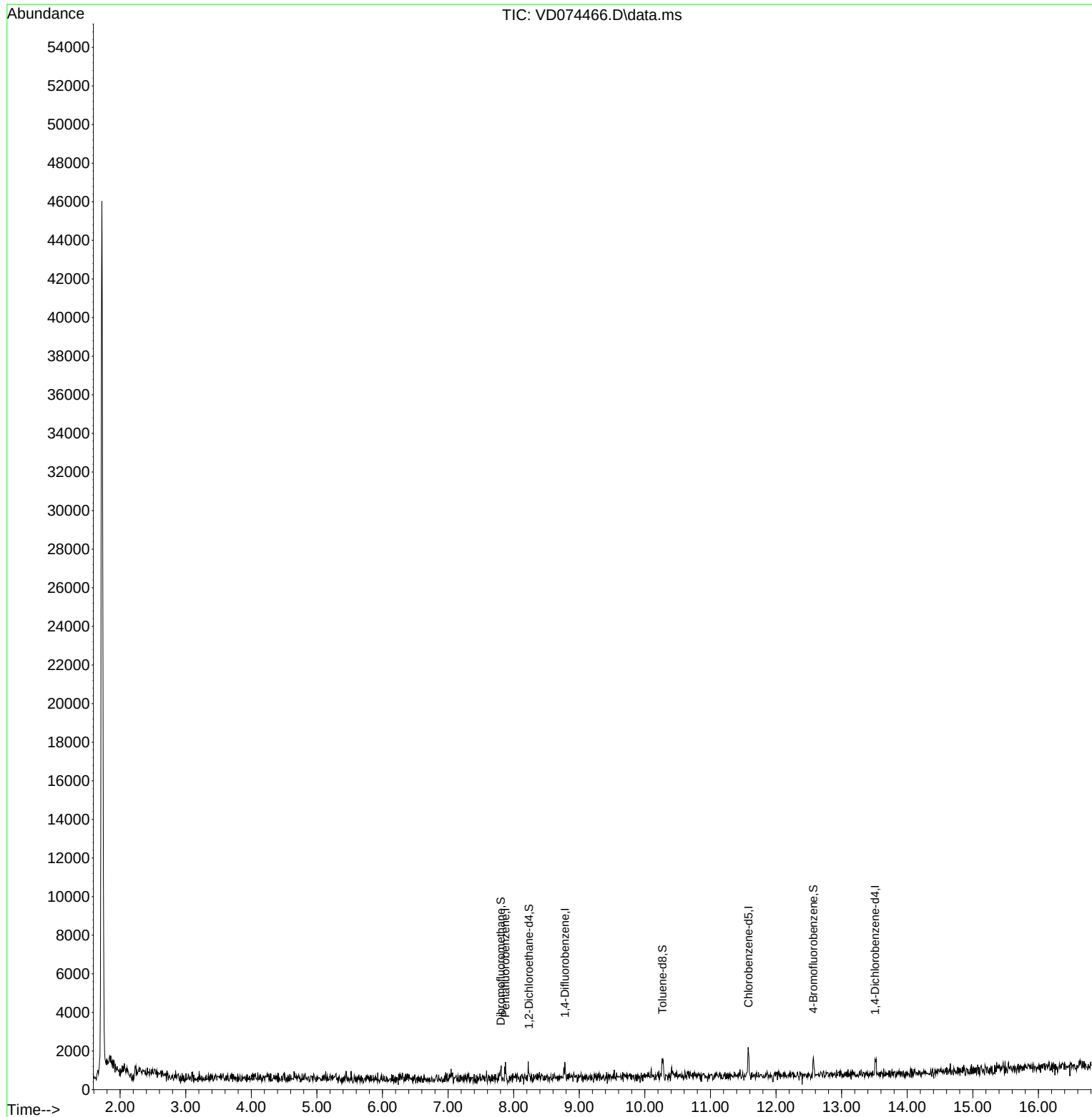
Target Compounds	Qvalue

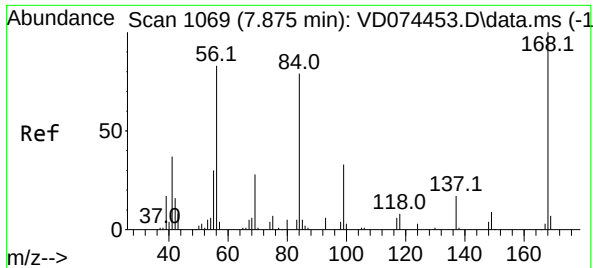
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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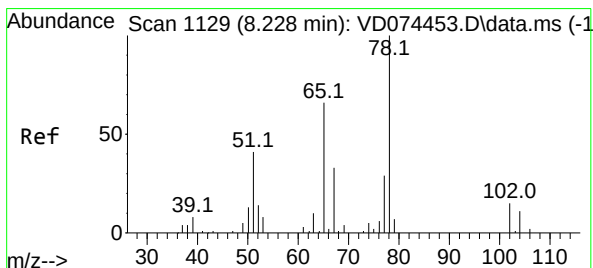
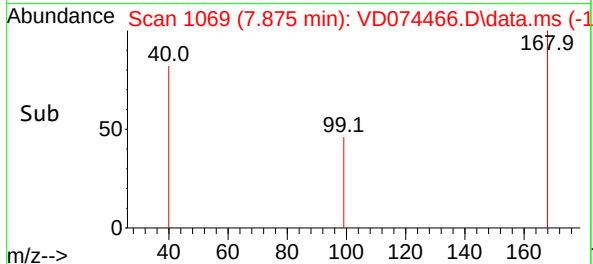
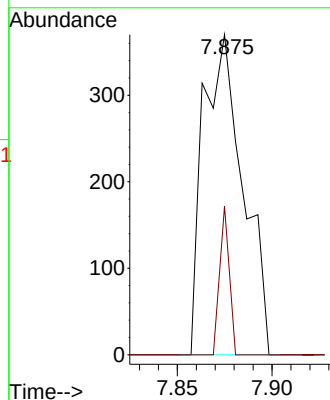
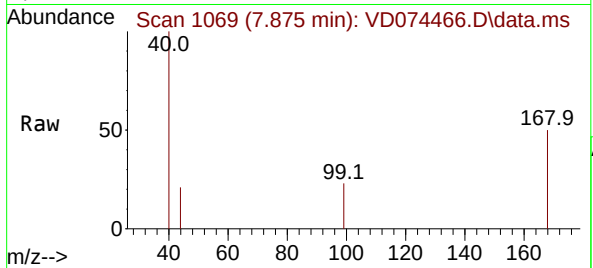




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074466.D
Acq: 06 Oct 2022 15:12

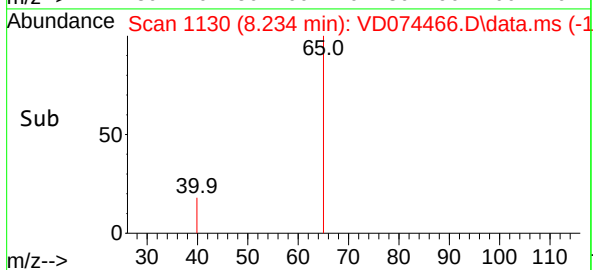
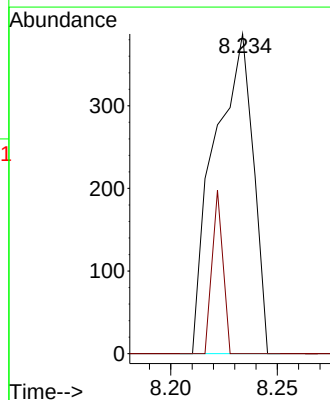
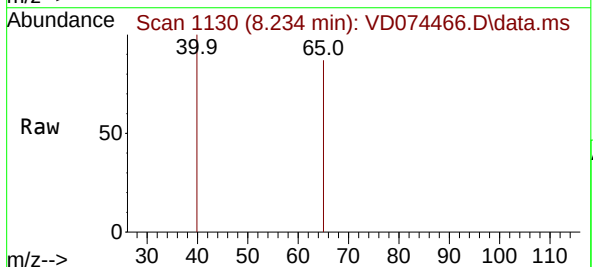
Instrument :
MSVOA_D
ClientSampleId :
SB-05-2.0-3.0

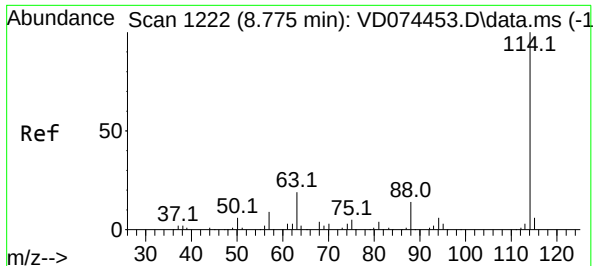
Tgt Ion:168 Resp: 541
Ion Ratio Lower Upper
168 100
99 46.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 101.943 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074466.D
Acq: 06 Oct 2022 15:12

Tgt Ion: 65 Resp: 490
Ion Ratio Lower Upper
65 100
67 14.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074466.D

Acq: 06 Oct 2022 15:12

Instrument :

MSVOA_D

ClientSampleId :

SB-05-2.0-3.0

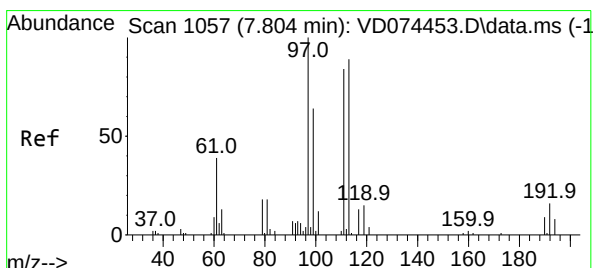
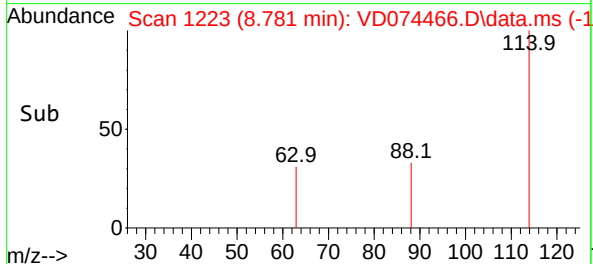
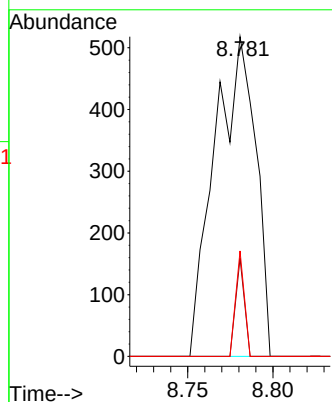
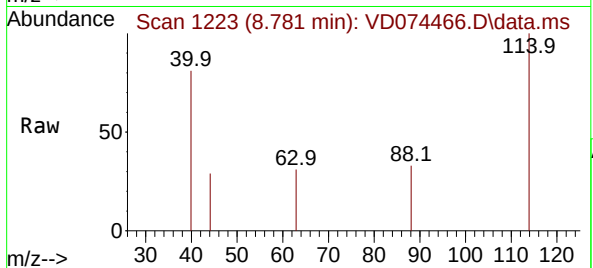
Tgt Ion:114 Resp: 867

Ion Ratio Lower Upper

114 100

63 30.7 0.0 33.2

88 33.0 0.0 28.2#



#35

Dibromofluoromethane

Concen: 55.623 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074466.D

Acq: 06 Oct 2022 15:12

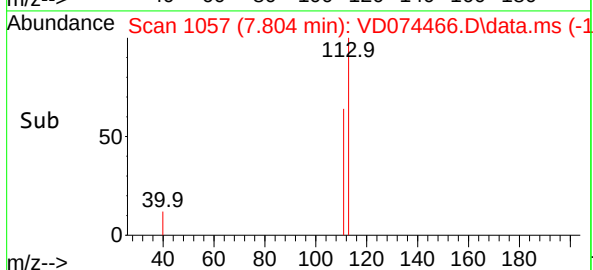
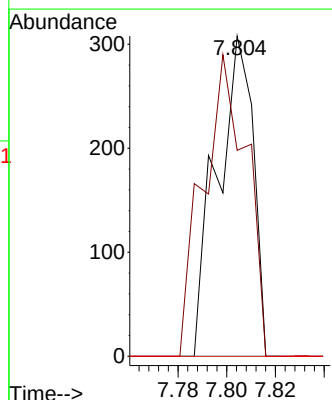
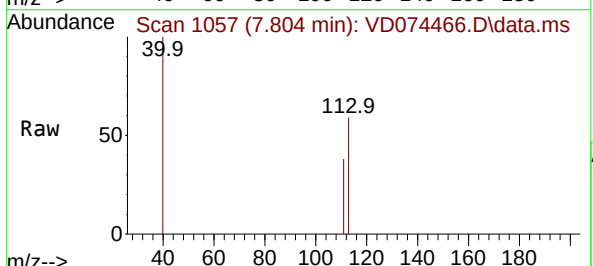
Tgt Ion:113 Resp: 318

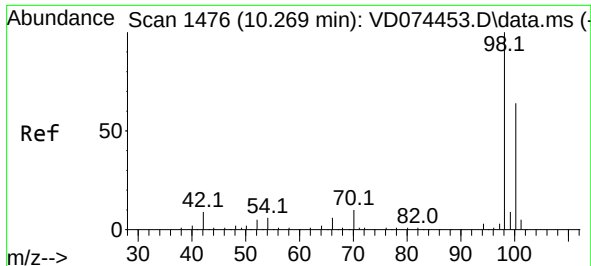
Ion Ratio Lower Upper

113 100

111 112.6 82.3 123.5

192 0.0 16.4 24.6#

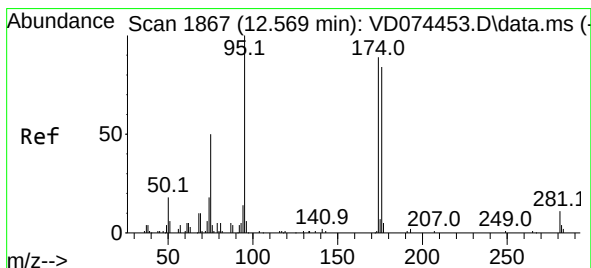
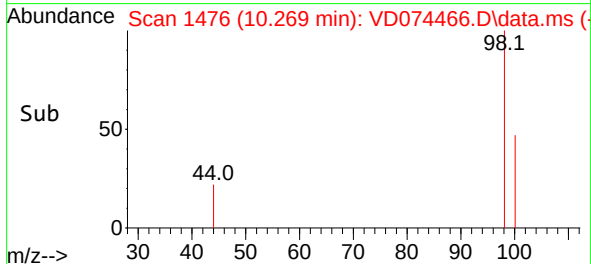
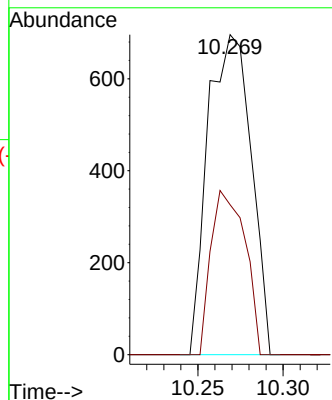
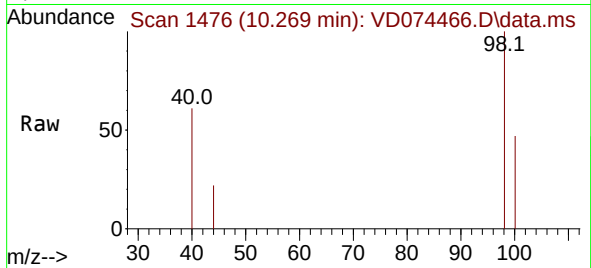




#50
Toluene-d8
Concen: 58.670 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074466.D
Acq: 06 Oct 2022 15:12

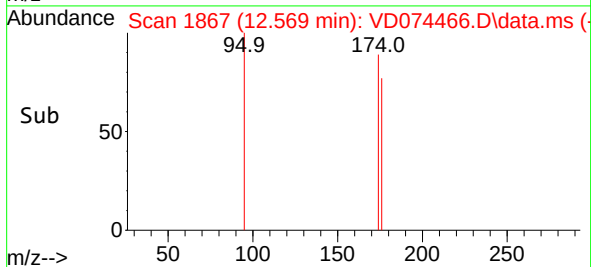
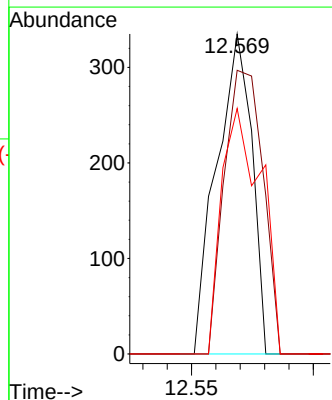
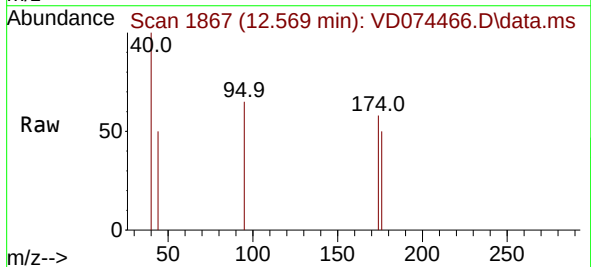
Instrument :
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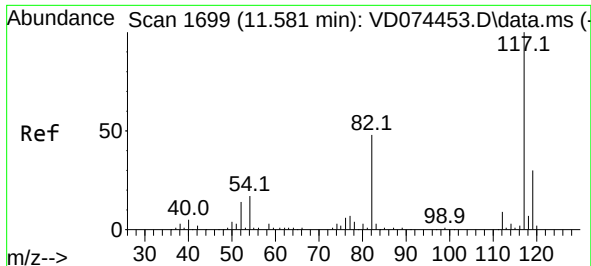
Tgt Ion: 98 Resp: 1232
Ion Ratio Lower Upper
98 100
100 40.3 51.4 77.0#



#62
4-Bromofluorobenzene
Concen: 52.713 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074466.D
Acq: 06 Oct 2022 15:12

Tgt Ion: 95 Resp: 338
Ion Ratio Lower Upper
95 100
174 97.0 0.0 197.0
176 86.1 0.0 182.6

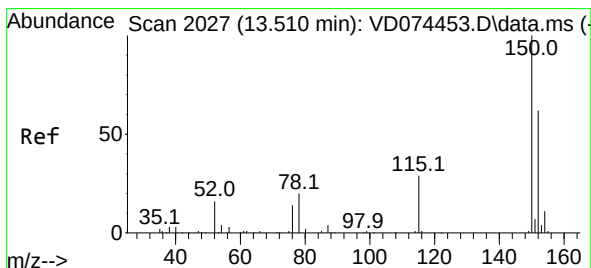
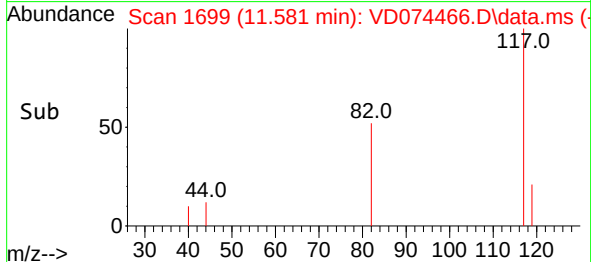
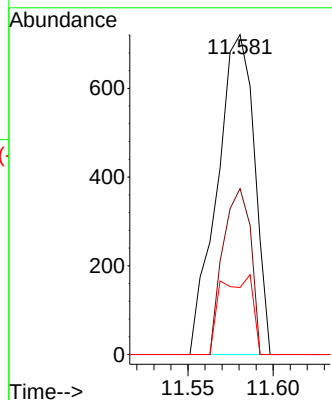
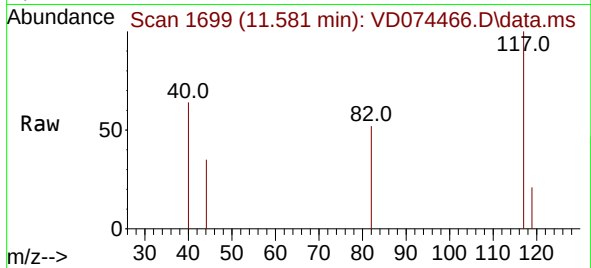




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074466.D
Acq: 06 Oct 2022 15:12

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

Tgt Ion:117 Resp: 1099
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 20.9 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074466.D
Acq: 06 Oct 2022 15:12

Tgt Ion:152 Resp: 442
Ion Ratio Lower Upper
152 100
115 17.9 26.8 80.4#
150 136.9 0.0 348.2

