

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074590.D
 Acq On : 20 Oct 2022 11:49
 Operator : VA/SY
 Sample : VD1020SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBL01

Quant Time: Oct 20 14:54:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	82768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	139937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	48539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	30990	49.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.080%
35) Dibromofluoromethane	7.810	113	39349	50.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.540%
50) Toluene-d8	10.269	98	139622	49.849	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.575	95	36751	45.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.860%

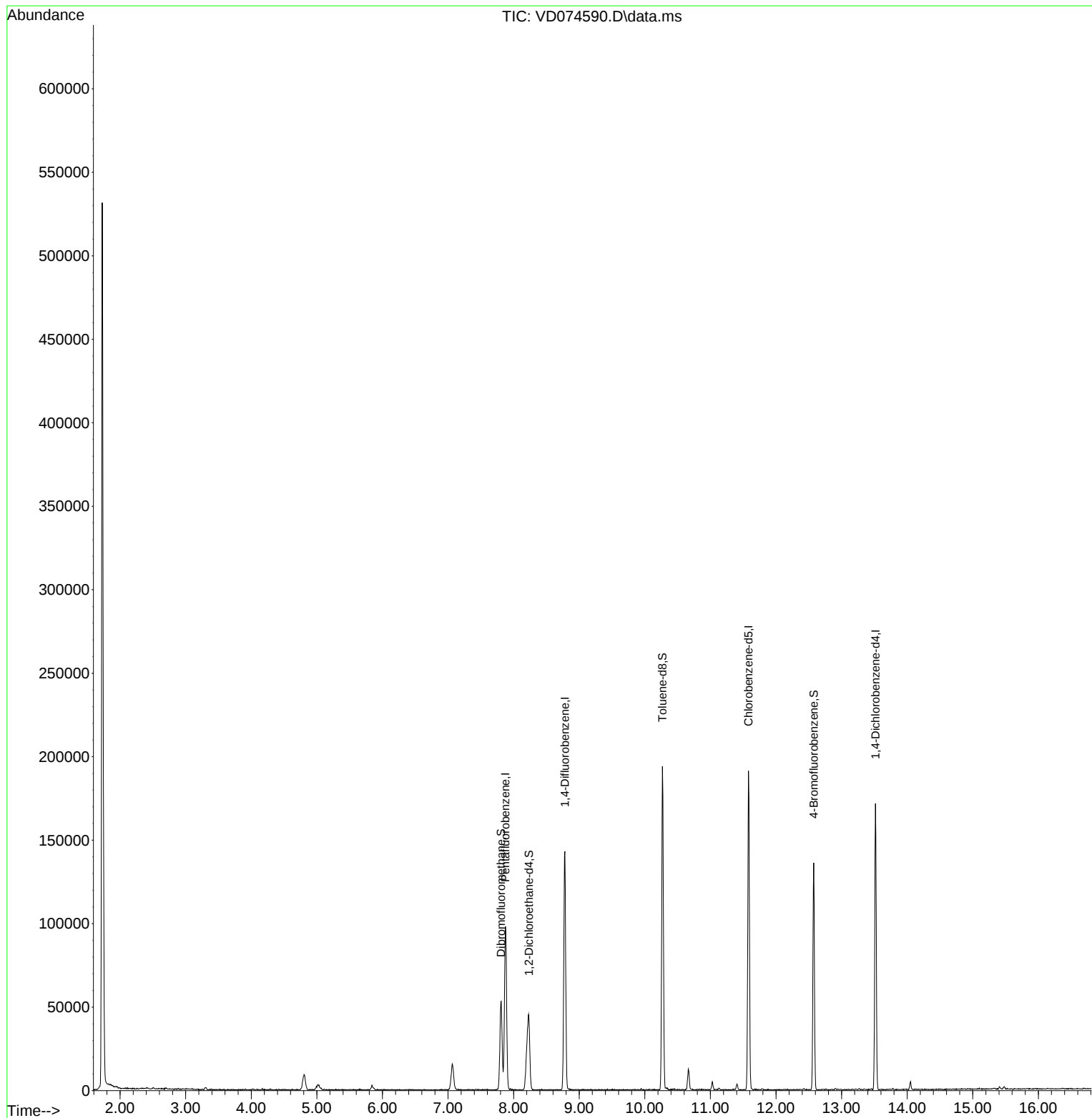
Target Compounds	Qvalue

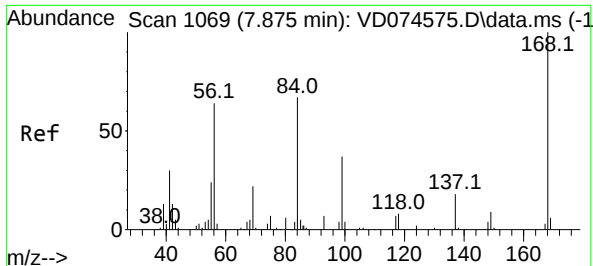
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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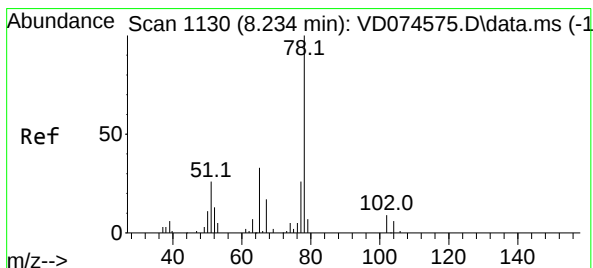
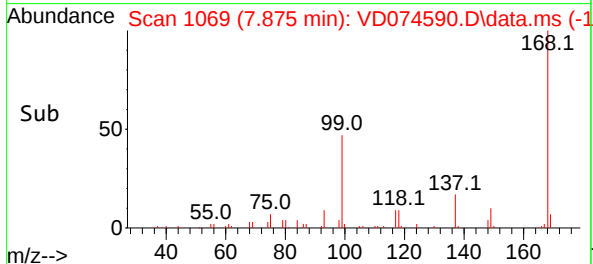
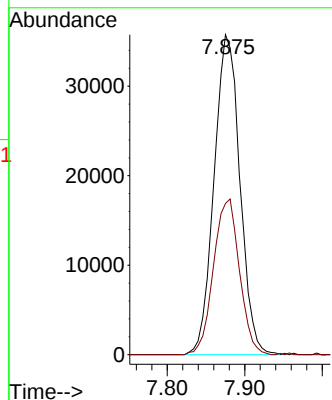
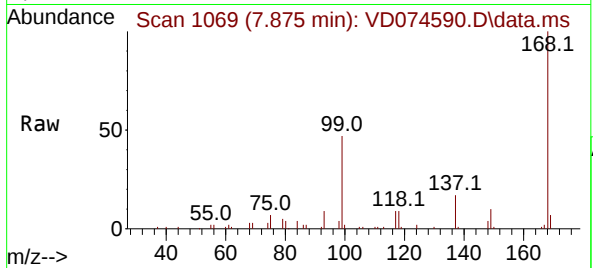




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074590.D
Acq: 20 Oct 2022 11:49

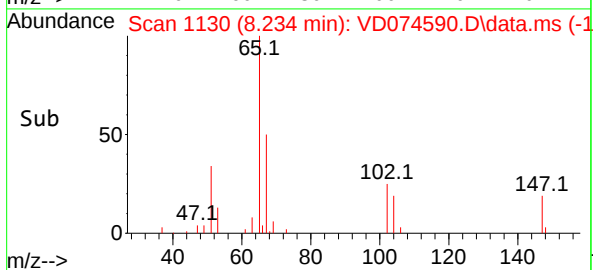
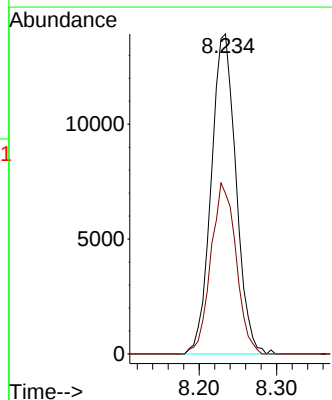
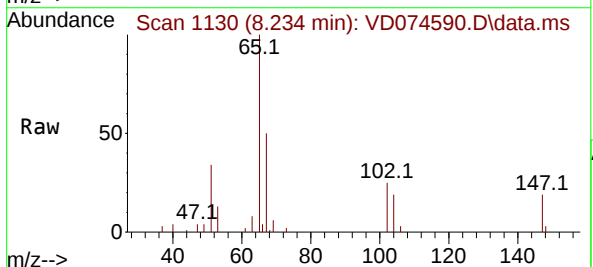
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

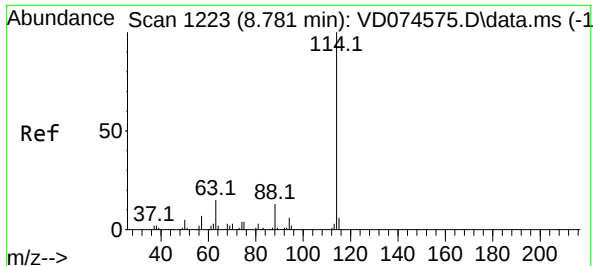
Tgt Ion:168 Resp: 82768
Ion Ratio Lower Upper
168 100
99 47.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 49.041 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074590.D
Acq: 20 Oct 2022 11:49

Tgt Ion: 65 Resp: 30990
Ion Ratio Lower Upper
65 100
67 54.3 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: VD074590.D

Acq: 20 Oct 2022 11:49

Instrument :

MSVOA_D

ClientSampleId :

VD1020SBL01

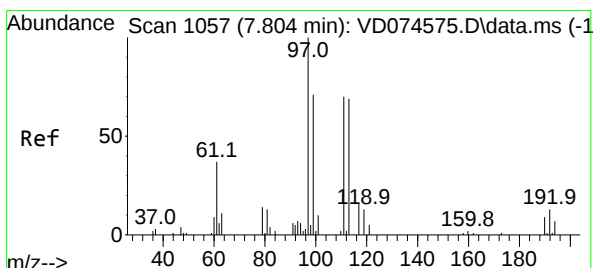
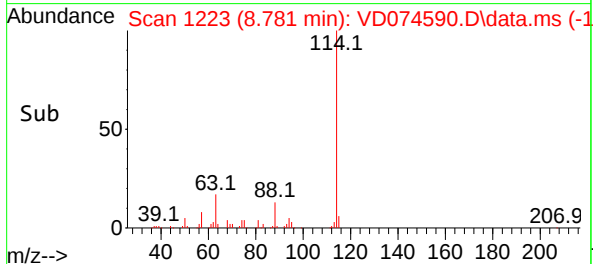
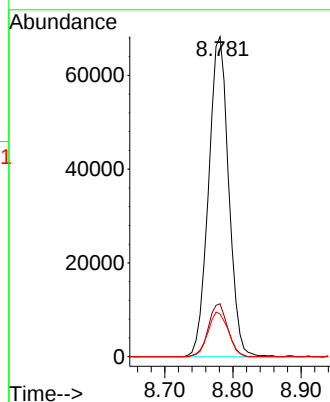
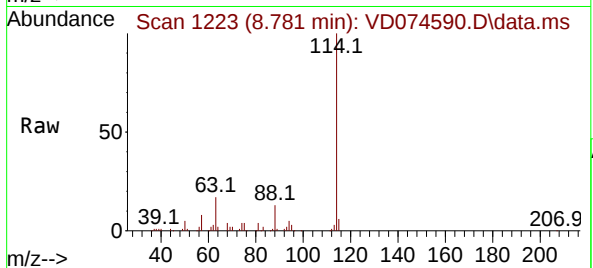
Tgt Ion:114 Resp: 139937

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.770 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074590.D

Acq: 20 Oct 2022 11:49

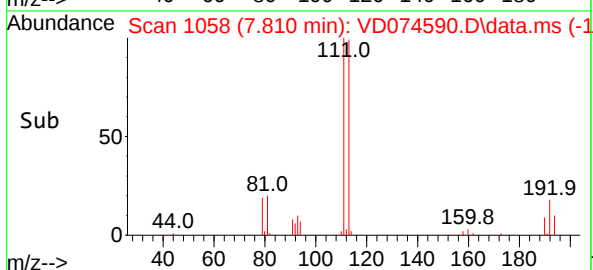
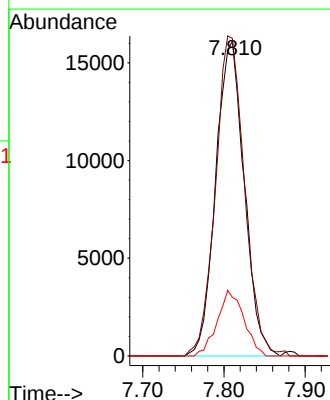
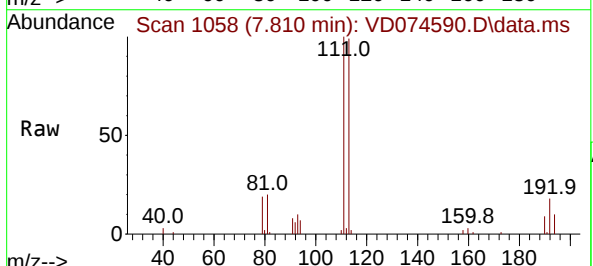
Tgt Ion:113 Resp: 39349

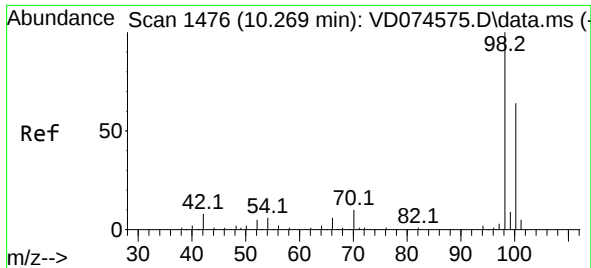
Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

192 19.4 16.4 24.6

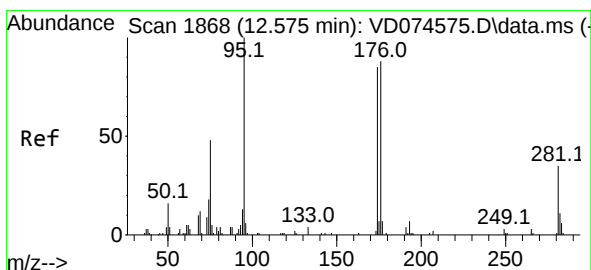
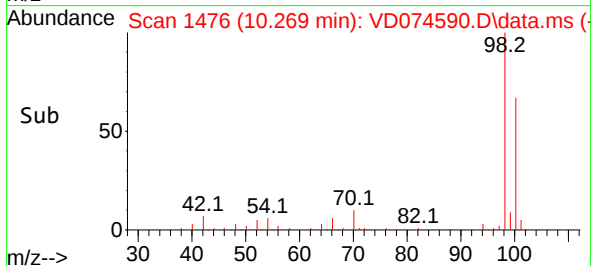
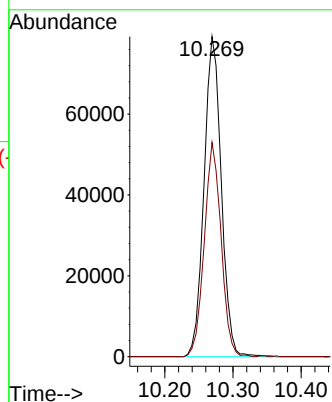
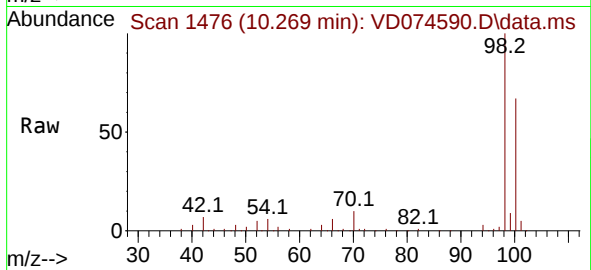




#50
Toluene-d8
Concen: 49.849 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074590.D
Acq: 20 Oct 2022 11:49

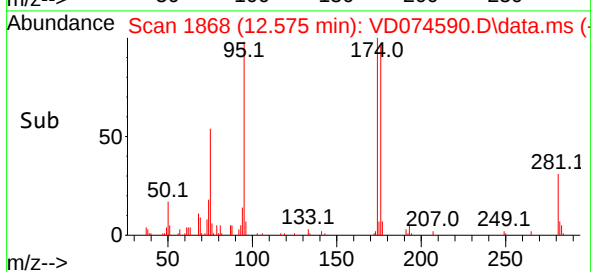
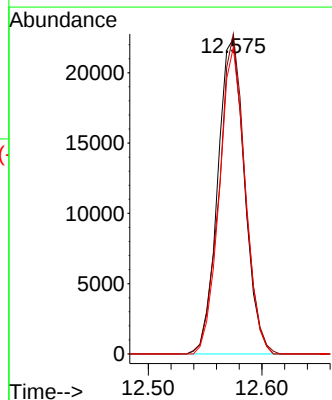
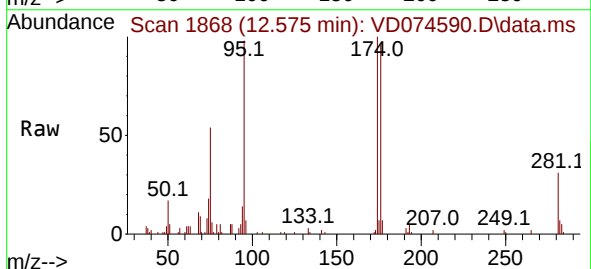
Instrument :
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VD1020SBL01

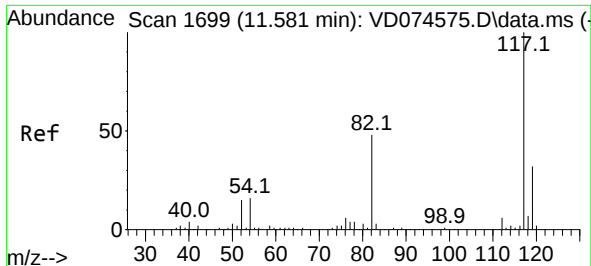
Tgt Ion: 98 Resp: 139622
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.433 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074590.D
Acq: 20 Oct 2022 11:49

Tgt Ion: 95 Resp: 36751
Ion Ratio Lower Upper
95 100
174 97.9 0.0 197.0
176 93.4 0.0 182.6

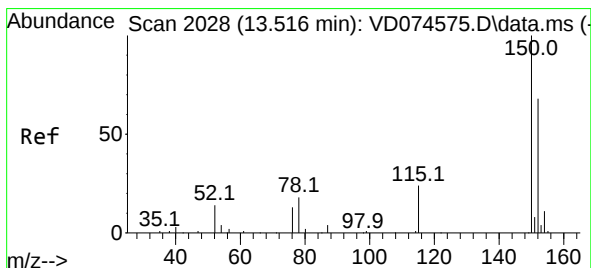
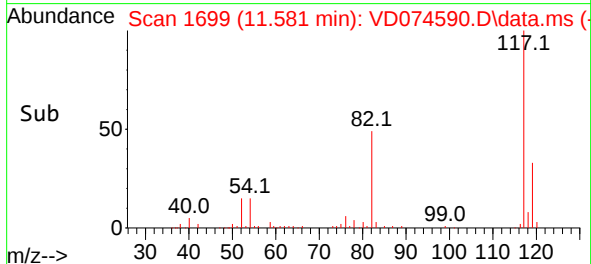
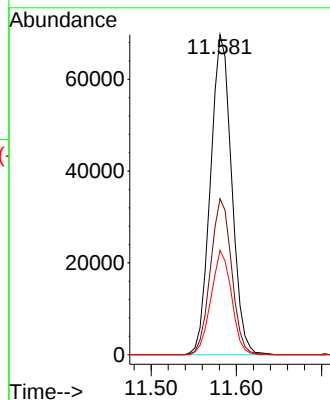
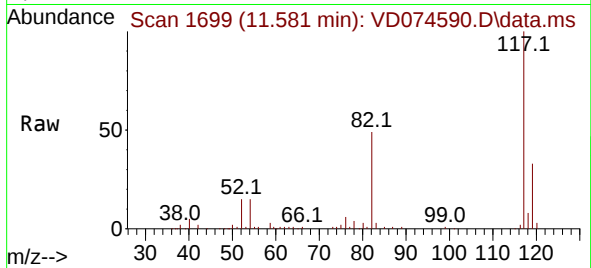




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074590.D
Acq: 20 Oct 2022 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

Tgt Ion:117 Resp: 120570
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 32.6 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: VD074590.D
Acq: 20 Oct 2022 11:49

Tgt Ion:152 Resp: 48539
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 159.6 0.0 348.2

