

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
 Data File : VD074609.D
 Acq On : 21 Oct 2022 12:14
 Operator : VA/SY
 Sample : VD1021SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBL01

Quant Time: Oct 21 23:09:28 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	82446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	137631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	112511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	51121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29408	46.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.440%
35) Dibromofluoromethane	7.804	113	37870	49.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.269	98	132046	47.935	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.575	95	34505	43.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.560%

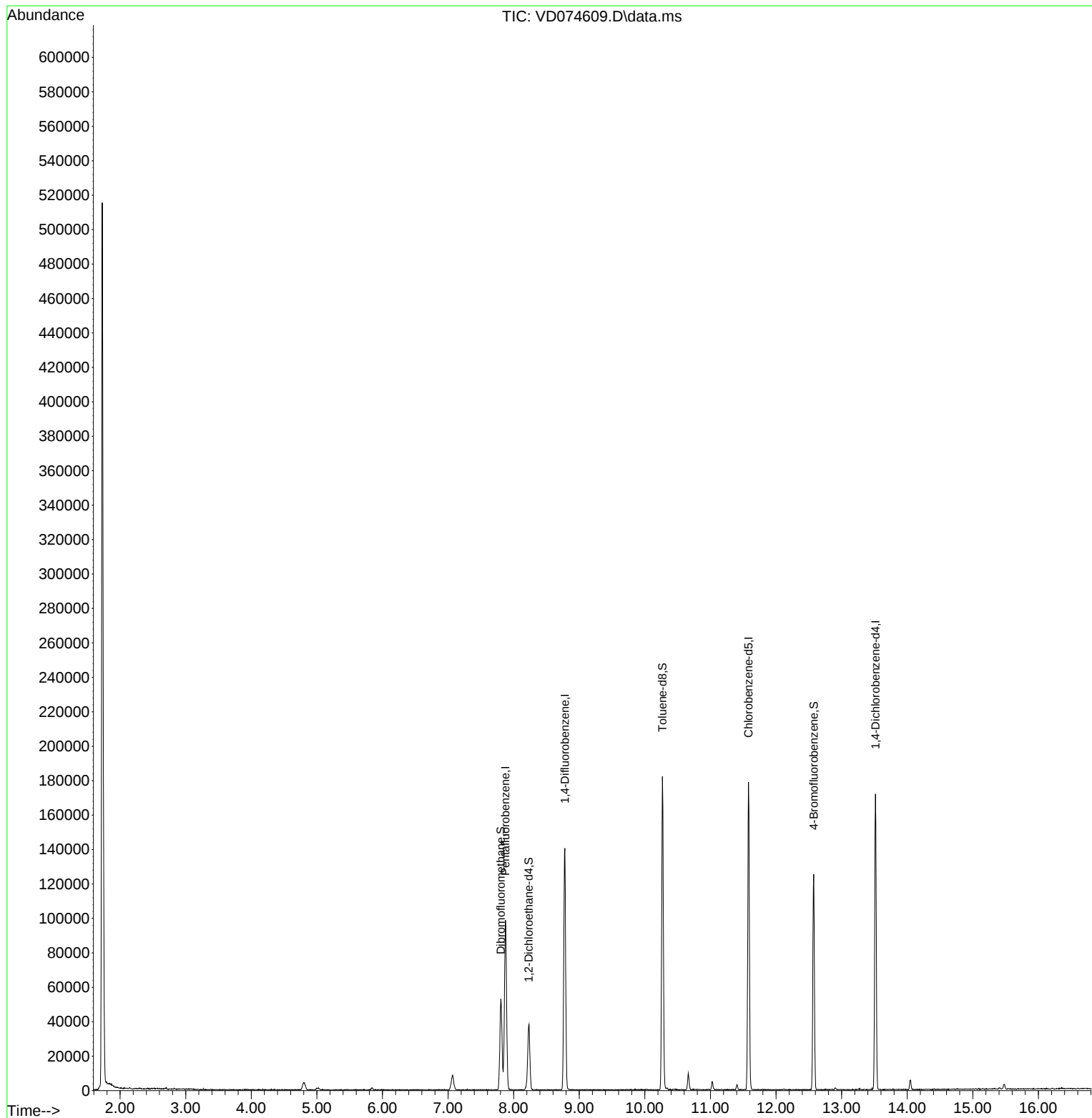
Target Compounds	Qvalue

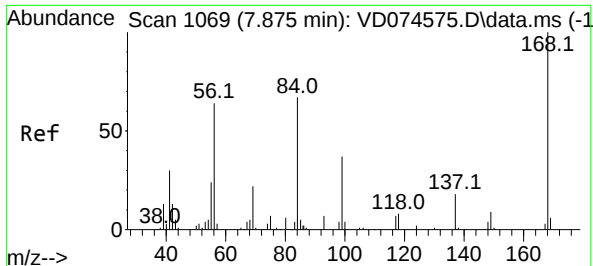
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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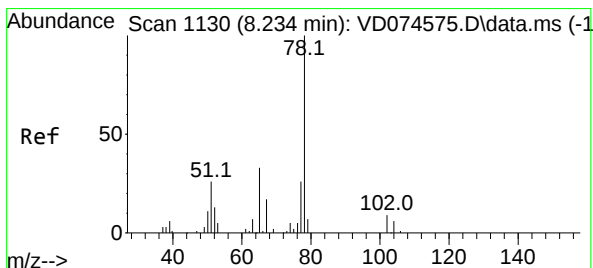
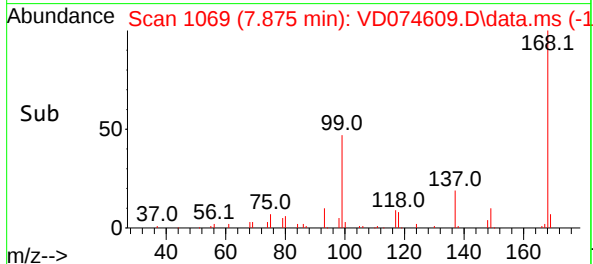
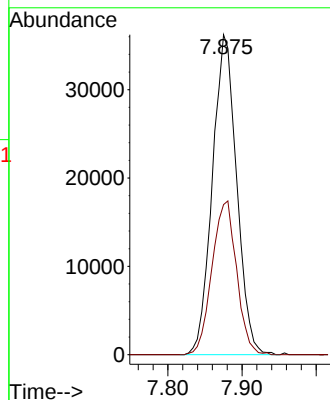
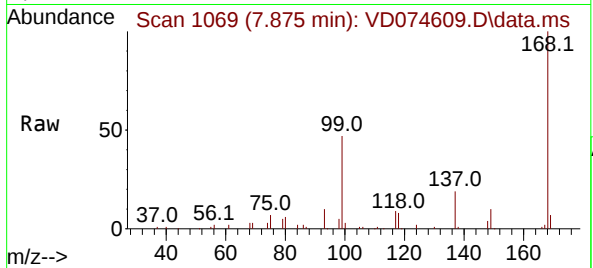




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

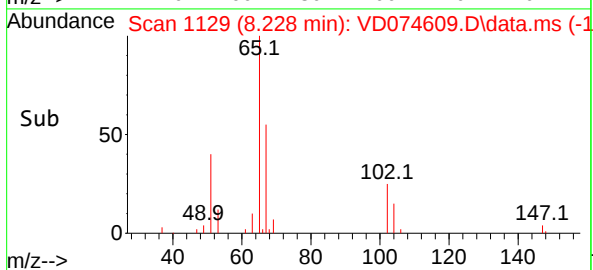
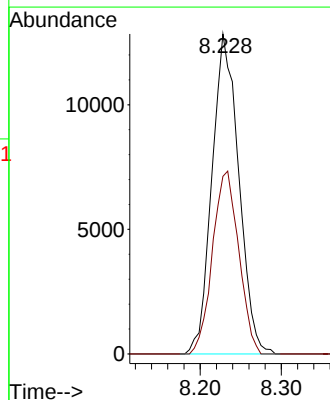
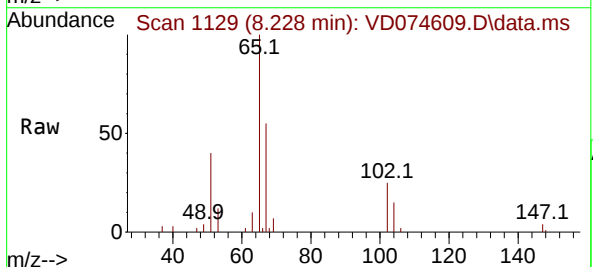
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

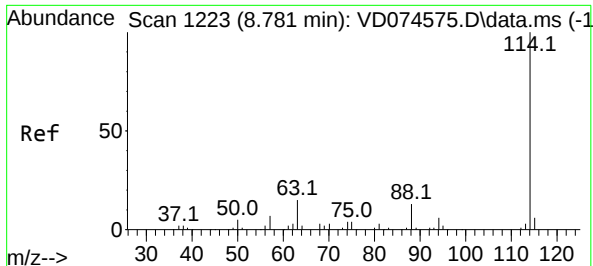
Tgt Ion:168 Resp: 82446
Ion Ratio Lower Upper
168 100
99 46.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 46.719 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion: 65 Resp: 29408
Ion Ratio Lower Upper
65 100
67 56.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074609.D

Acq: 21 Oct 2022 12:14

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBL01

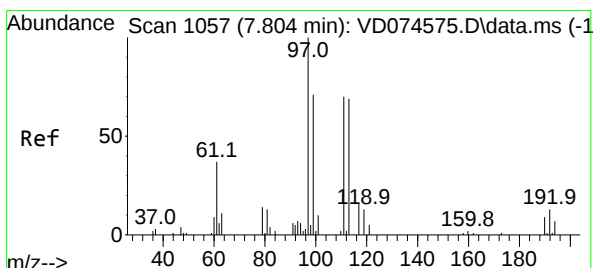
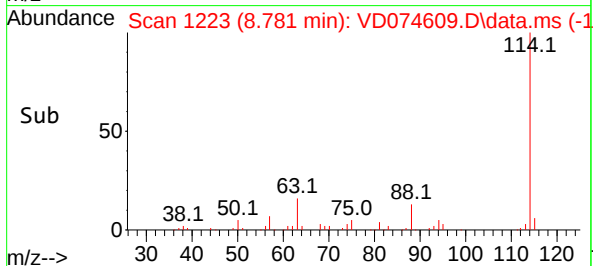
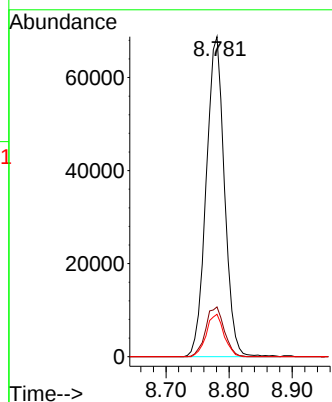
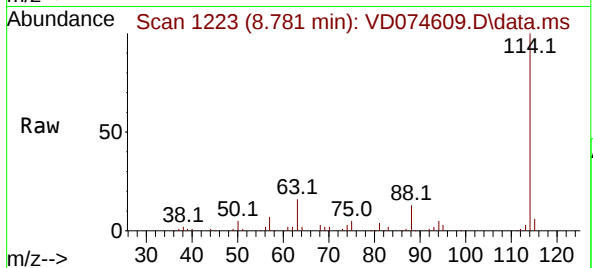
Tgt Ion:114 Resp: 137631

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.656 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074609.D

Acq: 21 Oct 2022 12:14

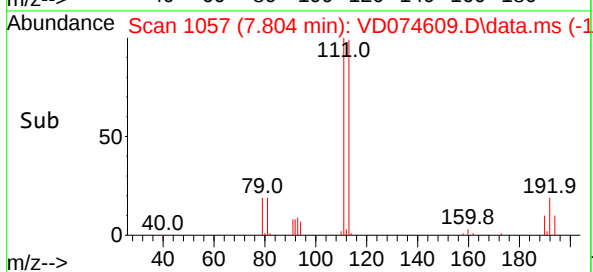
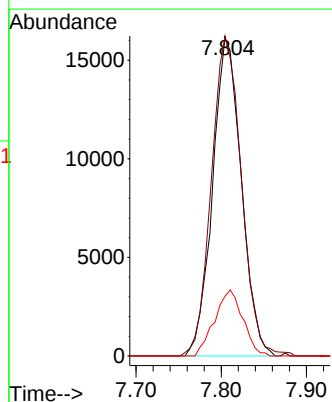
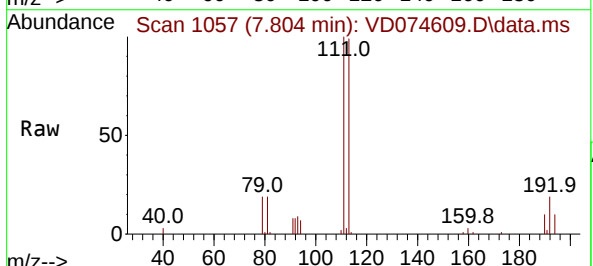
Tgt Ion:113 Resp: 37870

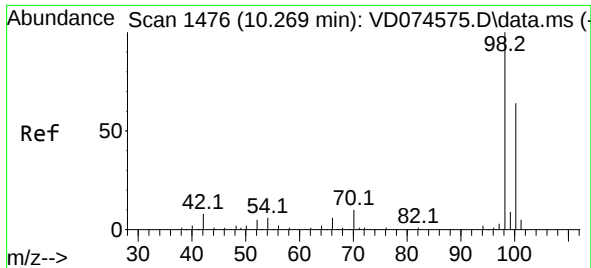
Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

192 20.4 16.4 24.6

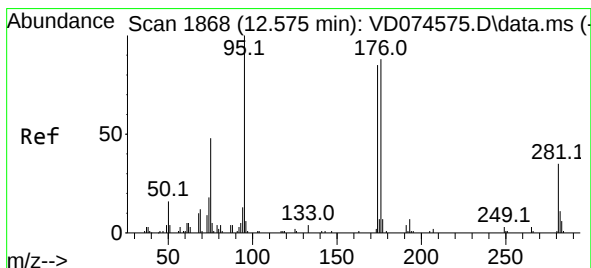
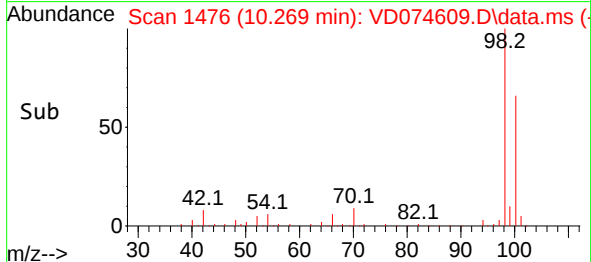
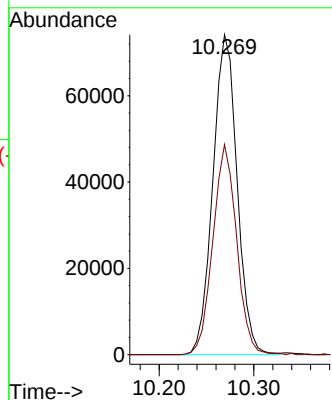
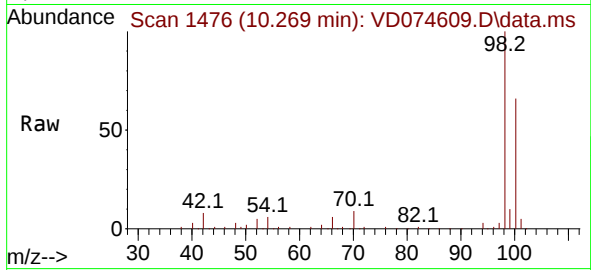




#50
Toluene-d8
Concen: 47.935 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

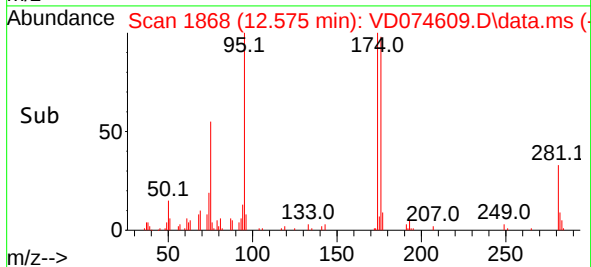
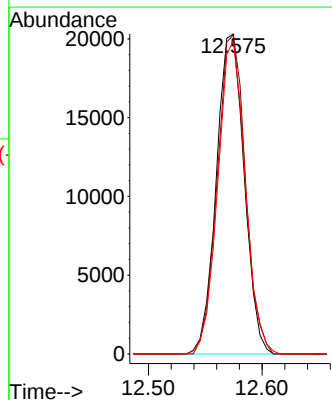
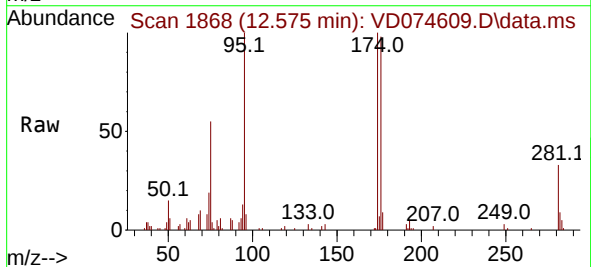
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

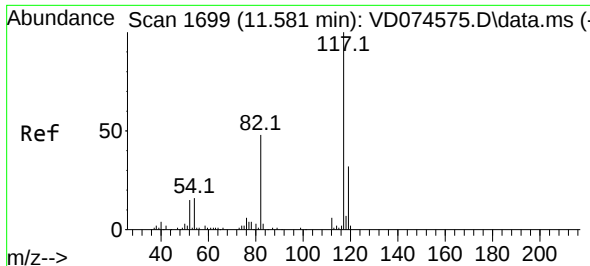
Tgt Ion: 98 Resp: 132046
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.280 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion: 95 Resp: 34505
Ion Ratio Lower Upper
95 100
174 100.5 0.0 197.0
176 96.8 0.0 182.6

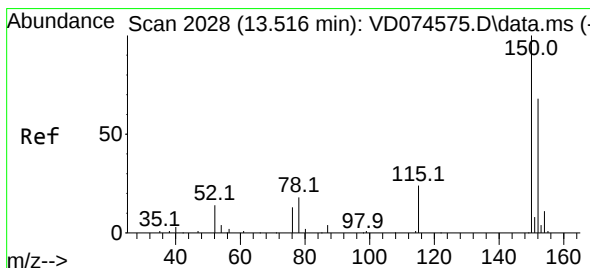
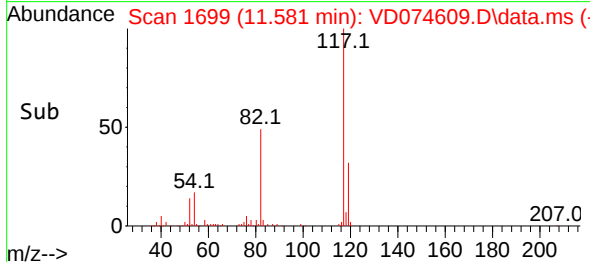
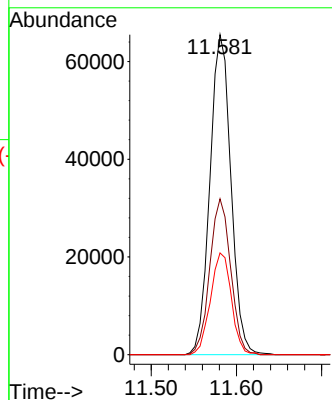
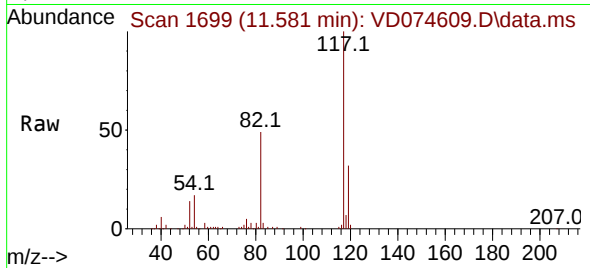




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

Tgt Ion:117 Resp: 112511
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 31.8 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: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion:152 Resp: 51121
Ion Ratio Lower Upper
152 100
115 56.4 26.8 80.4
150 155.7 0.0 348.2

