

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074865.D
 Acq On : 10 Nov 2022 14:02
 Operator : VA/SY
 Sample : N5511-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-03-110722

Quant Time: Nov 10 16:40:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	108608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	179965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	75544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55615	64.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.300%
35) Dibromofluoromethane	7.810	113	61762	58.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.040%
50) Toluene-d8	10.269	98	154257	39.724	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.440%
62) 4-Bromofluorobenzene	12.575	95	54070	48.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.440%

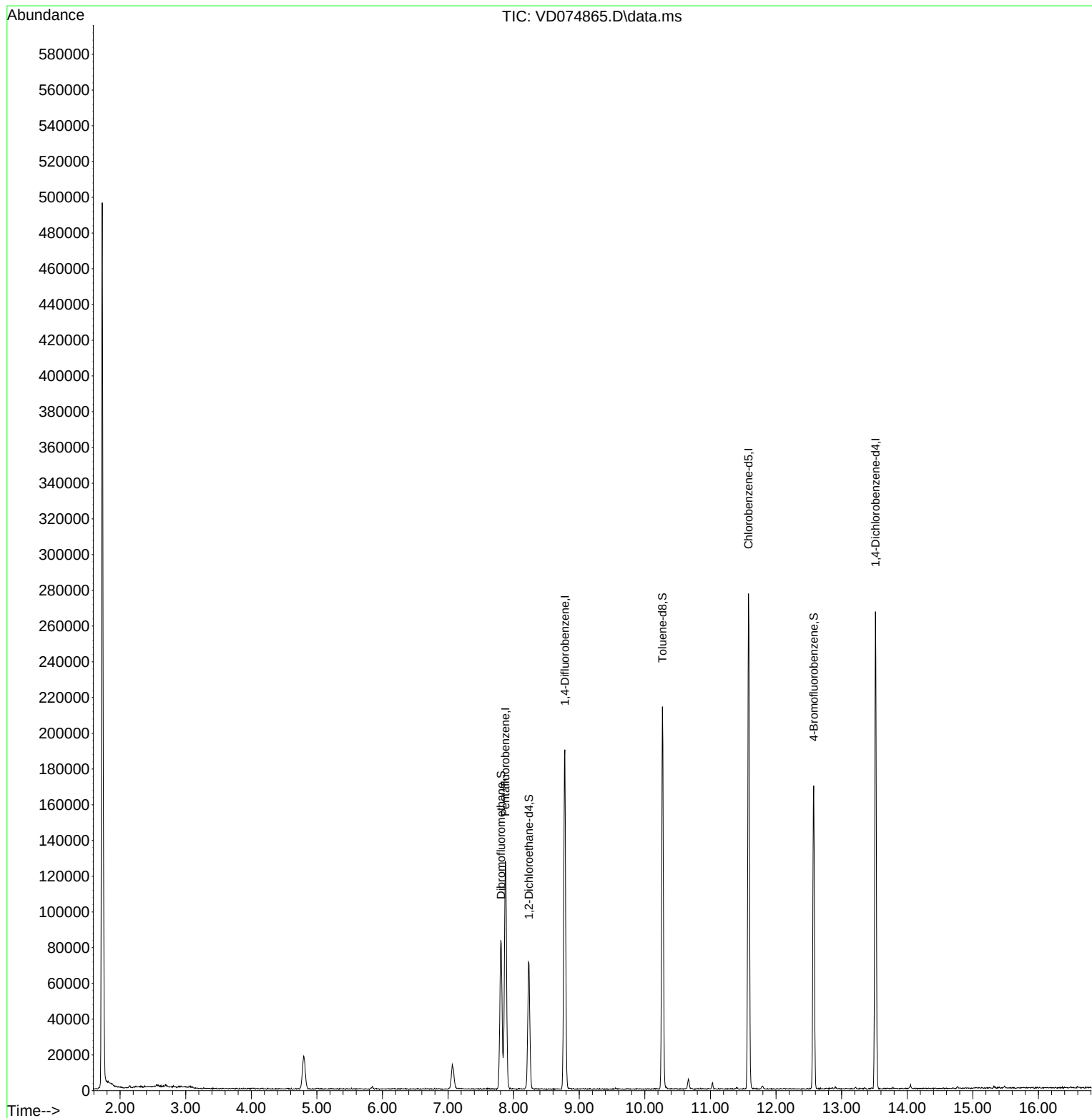
Target Compounds	Qvalue

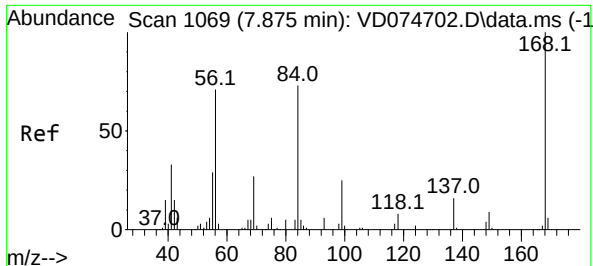
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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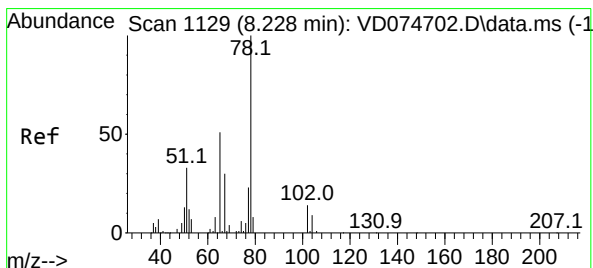
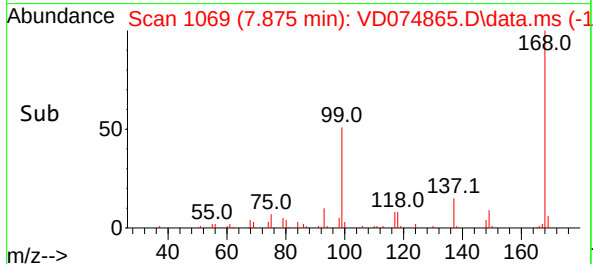
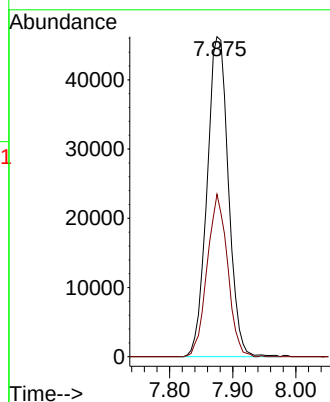
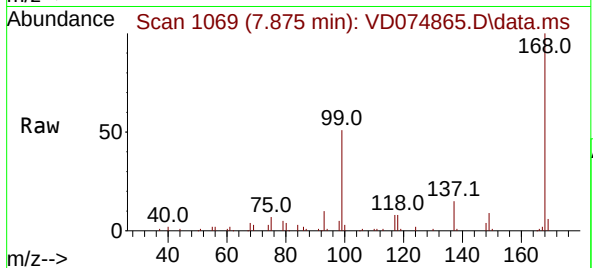




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074865.D
Acq: 10 Nov 2022 14:02

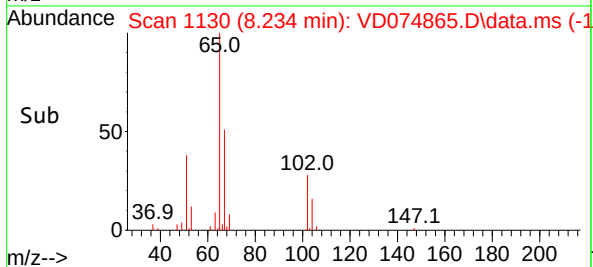
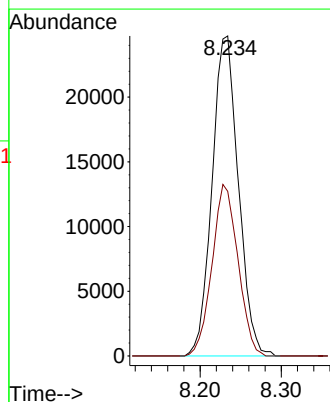
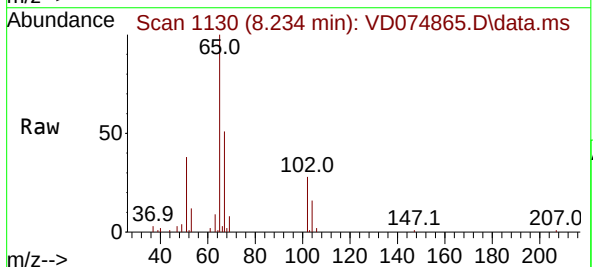
Instrument :
MSVOA_D
ClientSampleId :
PL-03-110722

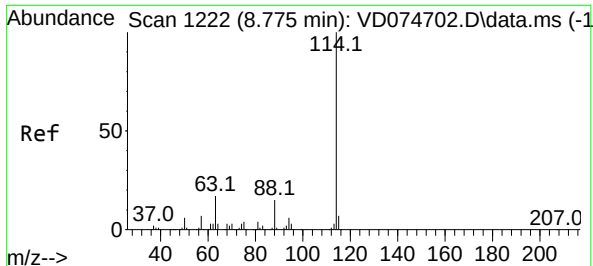
Tgt Ion:168 Resp: 108608
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 64.654 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074865.D
Acq: 10 Nov 2022 14:02

Tgt Ion: 65 Resp: 55615
Ion Ratio Lower Upper
65 100
67 52.9 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: VD074865.D

Acq: 10 Nov 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

PL-03-110722

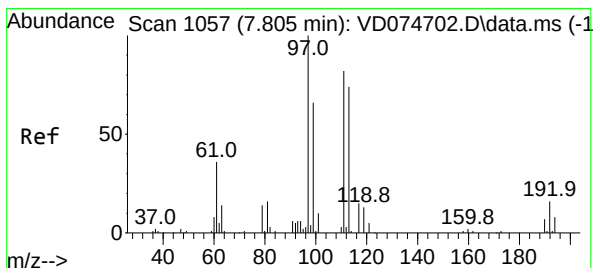
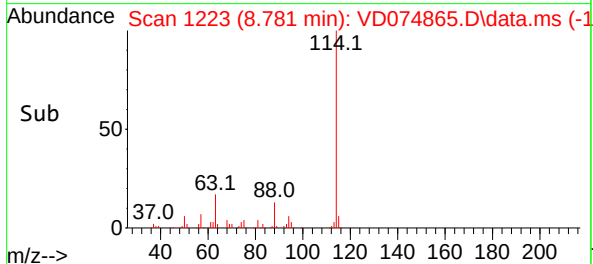
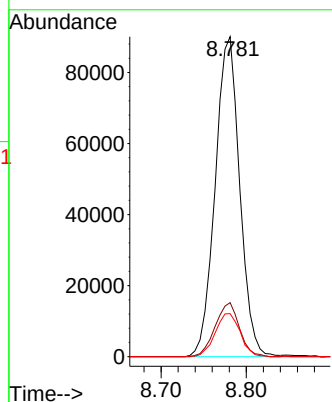
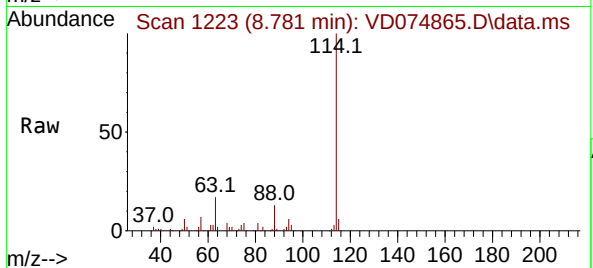
Tgt Ion:114 Resp: 179965

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 13.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.016 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074865.D

Acq: 10 Nov 2022 14:02

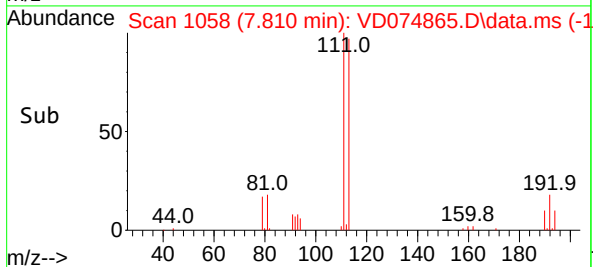
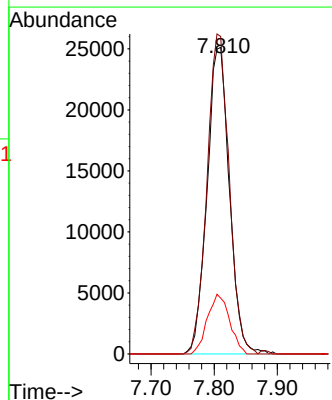
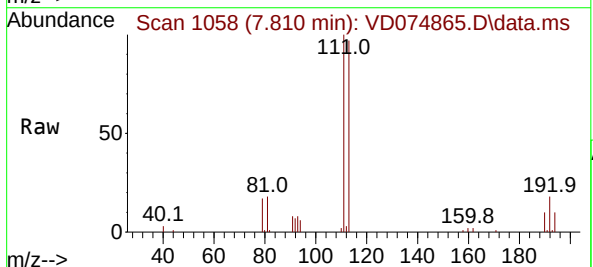
Tgt Ion:113 Resp: 61762

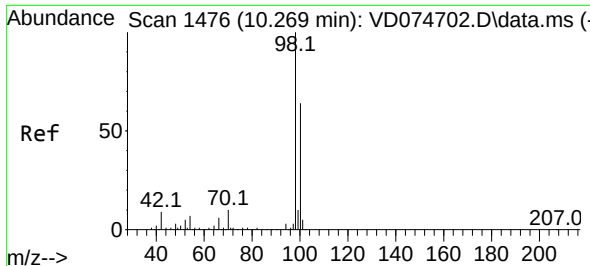
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 19.4 16.4 24.6

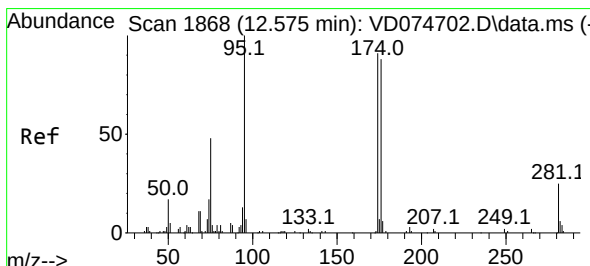
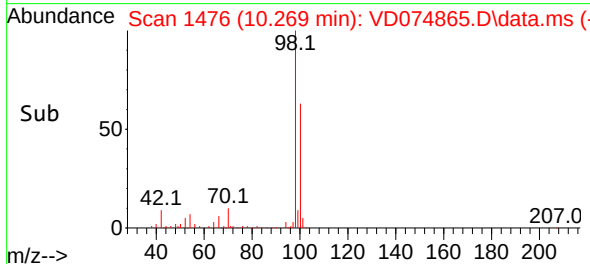
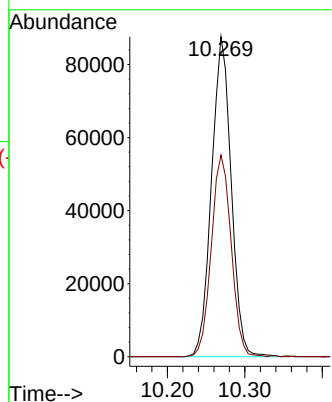
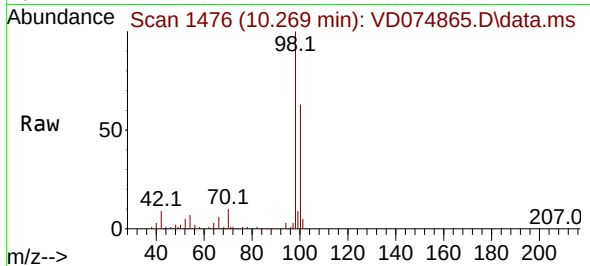




#50
Toluene-d8
Concen: 39.724 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074865.D
Acq: 10 Nov 2022 14:02

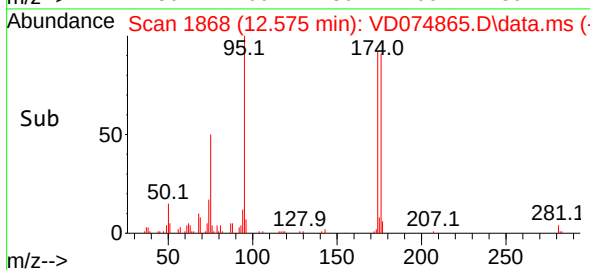
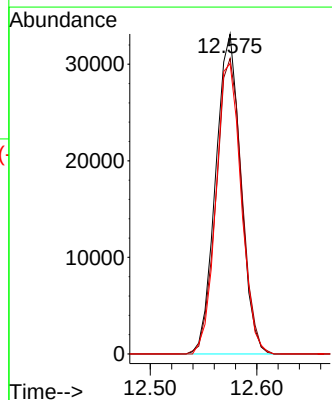
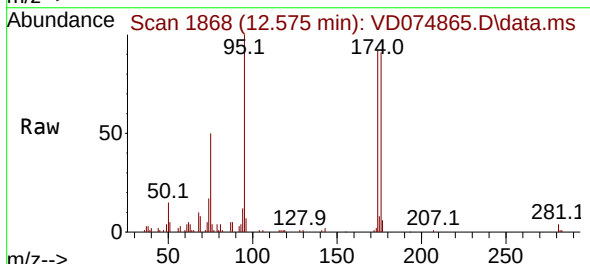
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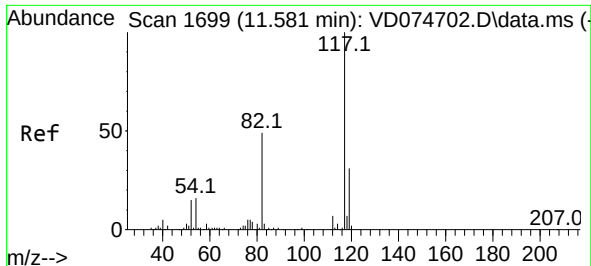
Tgt Ion: 98 Resp: 154257
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.225 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074865.D
Acq: 10 Nov 2022 14:02

Tgt Ion: 95 Resp: 54070
Ion Ratio Lower Upper
95 100
174 94.9 0.0 197.0
176 91.3 0.0 182.6

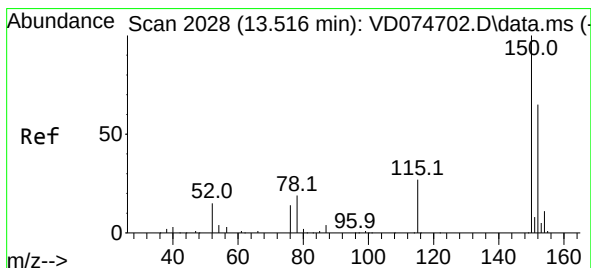
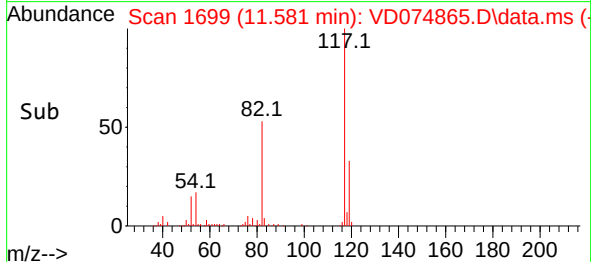
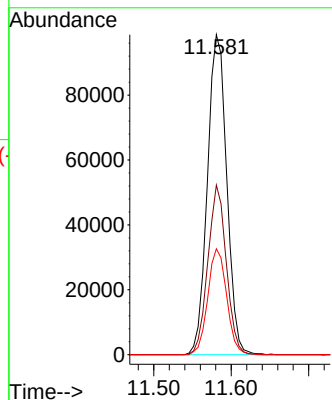
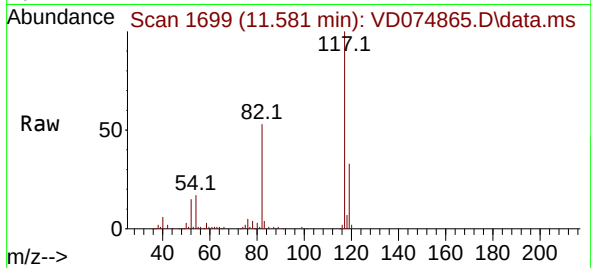




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074865.D
Acq: 10 Nov 2022 14:02

Instrument :
MSVOA_D
ClientSampleId :
PL-03-110722

Tgt Ion:117 Resp: 170864
Ion Ratio Lower Upper
117 100
82 53.0 41.6 62.4
119 33.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074865.D
Acq: 10 Nov 2022 14:02

Tgt Ion:152 Resp: 75544
Ion Ratio Lower Upper
152 100
115 55.8 26.8 80.4
150 155.1 0.0 348.2

