

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074729.D
 Acq On : 04 Nov 2022 11:09
 Operator : VA/SY
 Sample : VD1104SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1104SBL01

Quant Time: Nov 07 00:24:11 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	7.881	168	140421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57318	51.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.080%
35) Dibromofluoromethane	7.805	113	70507	48.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.269	98	225700	42.826	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.660%
62) 4-Bromofluorobenzene	12.575	95	64654	42.489	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.980%

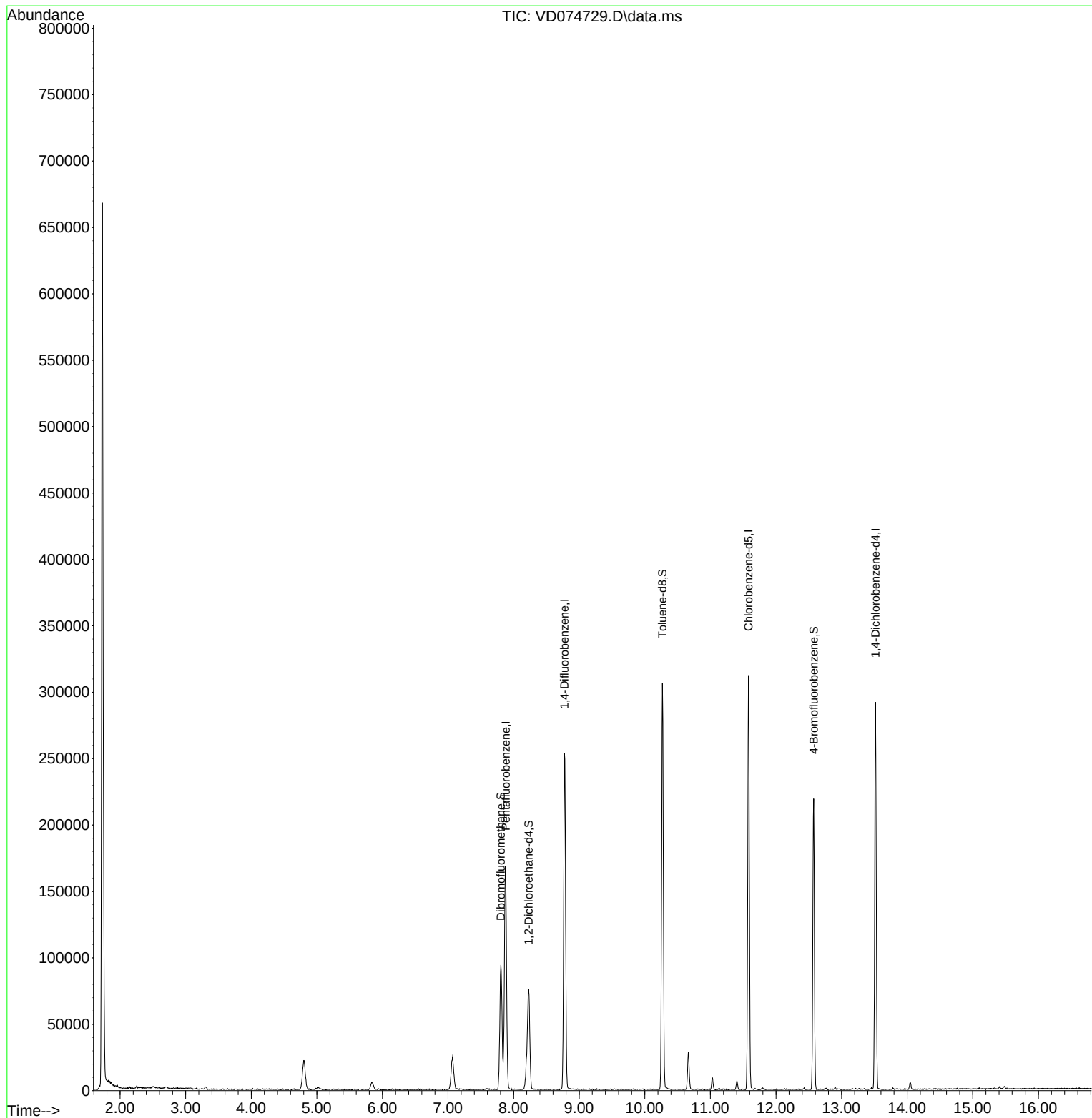
Target Compounds	Qvalue

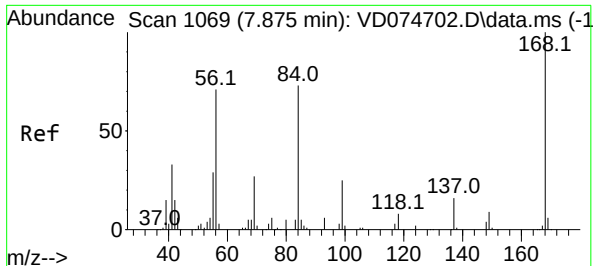
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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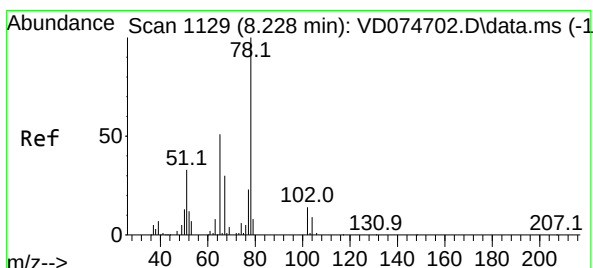
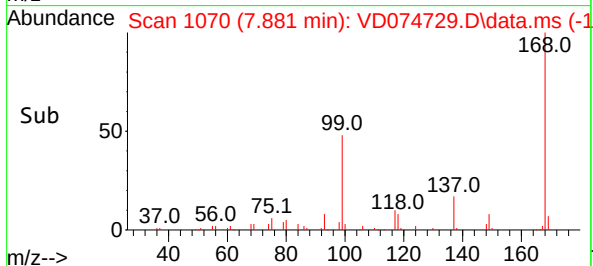
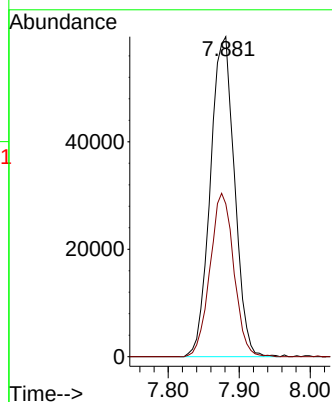
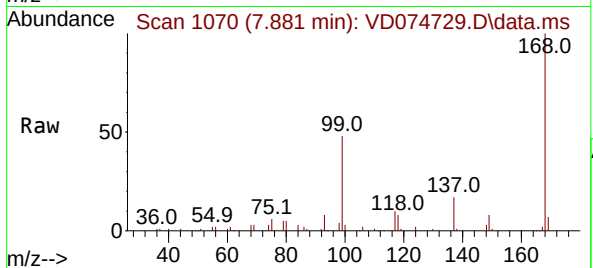




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074729.D
Acq: 04 Nov 2022 11:09

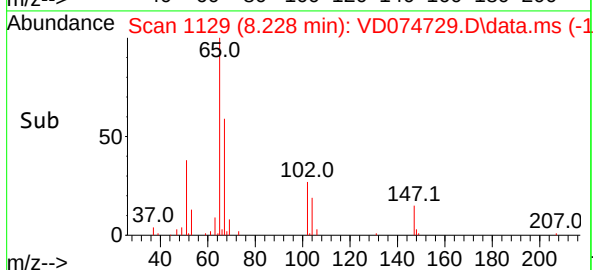
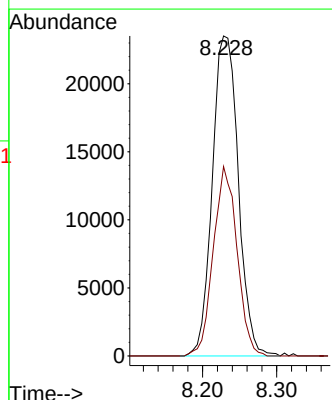
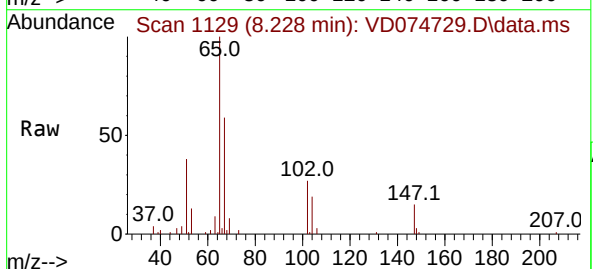
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBL01

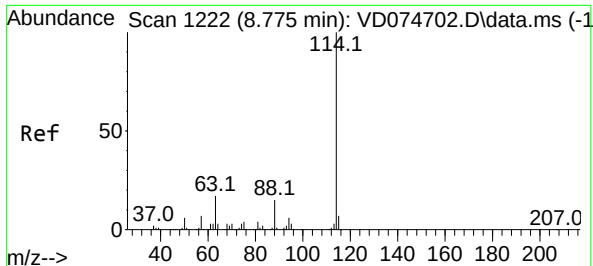
Tgt Ion:168 Resp: 140421
Ion Ratio Lower Upper
168 100
99 47.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 51.537 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074729.D
Acq: 04 Nov 2022 11:09

Tgt Ion: 65 Resp: 57318
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 114

Delta R.T. 0.000 min

Lab File: VD074729.D

Acq: 04 Nov 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

VD1104SBL01

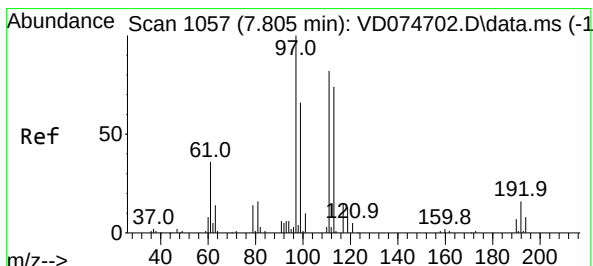
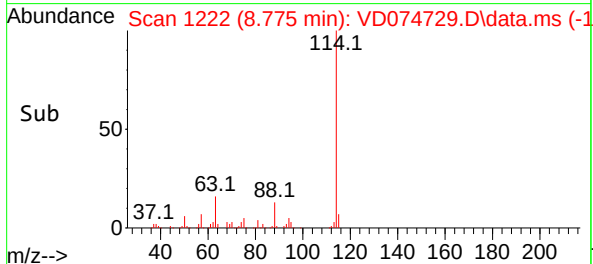
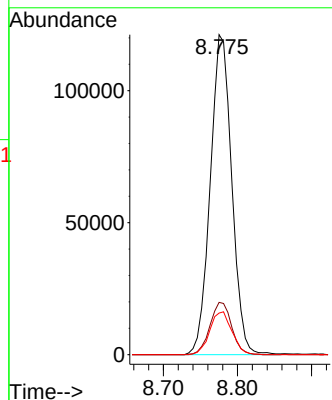
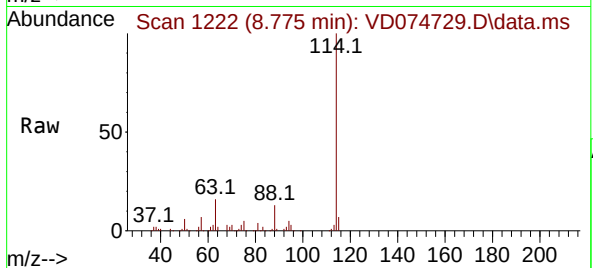
Tgt Ion:114 Resp: 244242

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 48.801 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074729.D

Acq: 04 Nov 2022 11:09

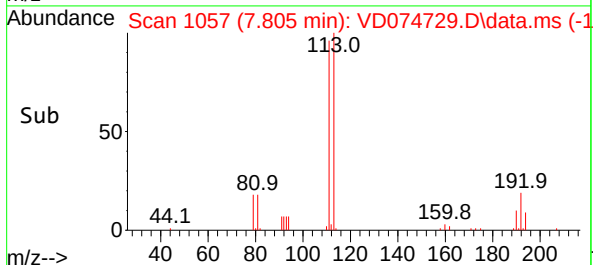
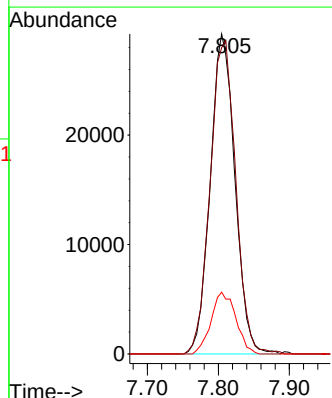
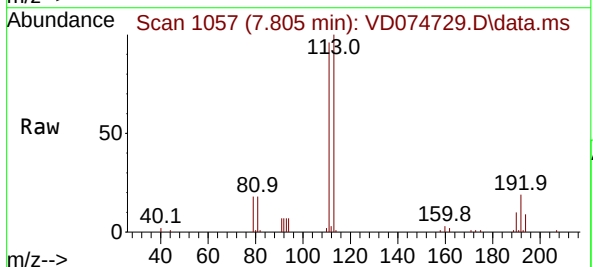
Tgt Ion:113 Resp: 70507

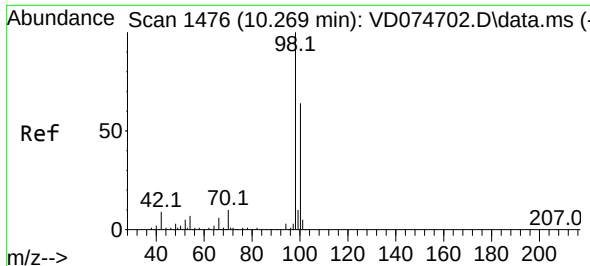
Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

192 19.4 16.4 24.6

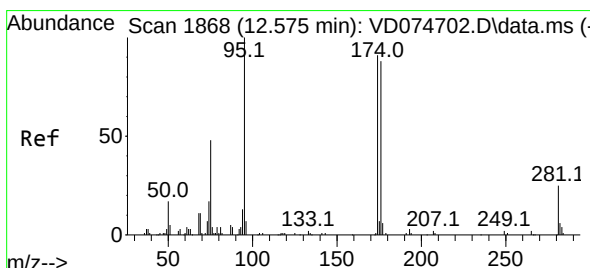
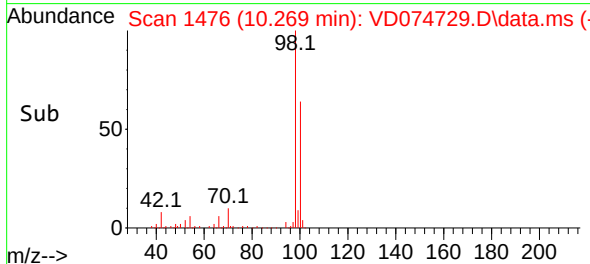
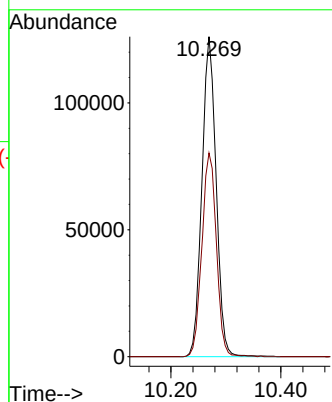
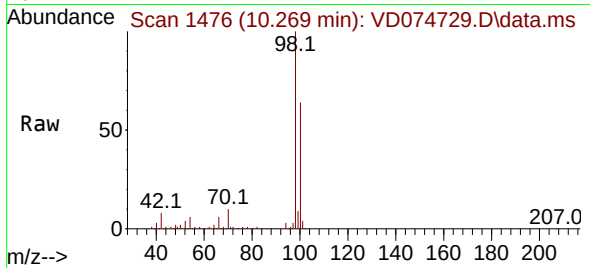




#50
Toluene-d8
Concen: 42.826 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074729.D
Acq: 04 Nov 2022 11:09

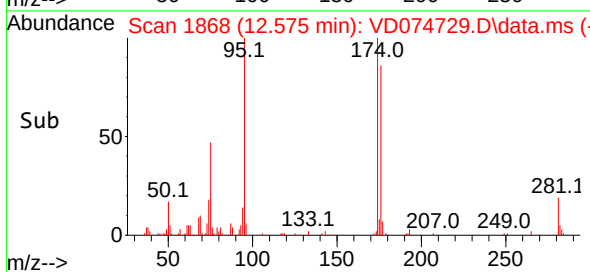
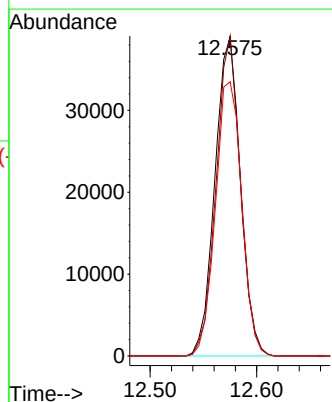
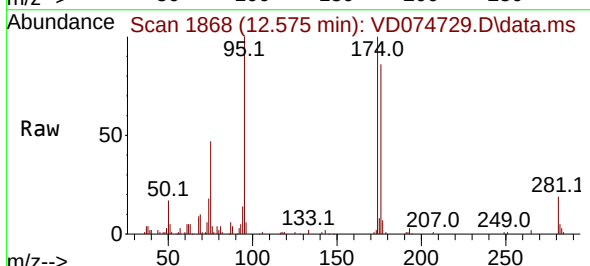
Instrument :
MSVOA_D
ClientSampleId :
VD1104SBL01

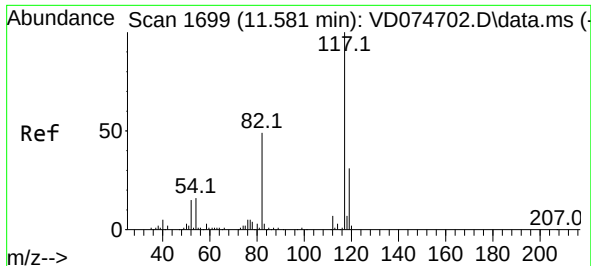
Tgt Ion: 98 Resp: 225700
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.489 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074729.D
Acq: 04 Nov 2022 11:09

Tgt Ion: 95 Resp: 64654
Ion Ratio Lower Upper
95 100
174 95.4 0.0 197.0
176 88.7 0.0 182.6

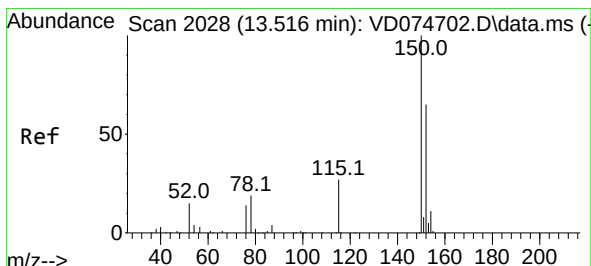
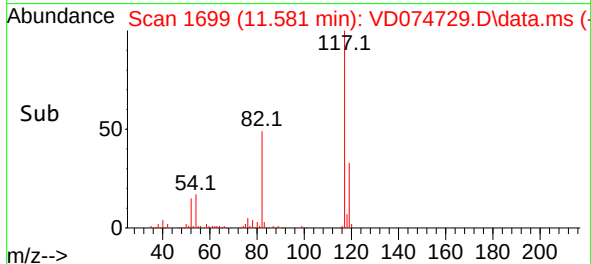
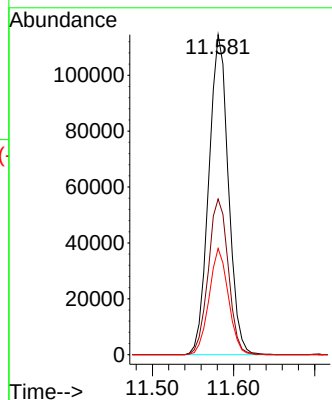
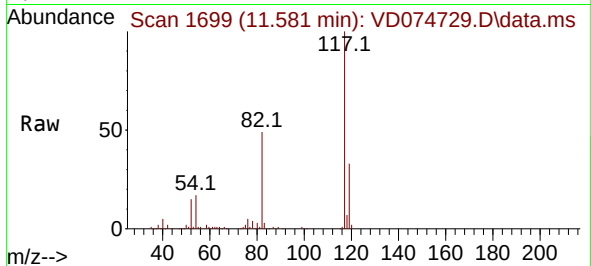




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074729.D
Acq: 04 Nov 2022 11:09

Instrument :
MSVOA_D
ClientSampleId :
VD1104SBL01

Tgt Ion:117 Resp: 191747
Ion Ratio Lower Upper
117 100
82 48.6 41.6 62.4
119 33.2 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: VD074729.D
Acq: 04 Nov 2022 11:09

Tgt Ion:152 Resp: 82957
Ion Ratio Lower Upper
152 100
115 54.1 26.8 80.4
150 156.8 0.0 348.2

