

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074381.D
 Acq On : 21 Sep 2022 11:06
 Operator : VA/SY
 Sample : VD0921SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBL01

Quant Time: Sep 22 05:11:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	81601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	148322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	135160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	64240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44982	56.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.805	113	47731	48.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.269	98	189621	56.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.520%
62) 4-Bromofluorobenzene	12.569	95	57310	50.192	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.380%

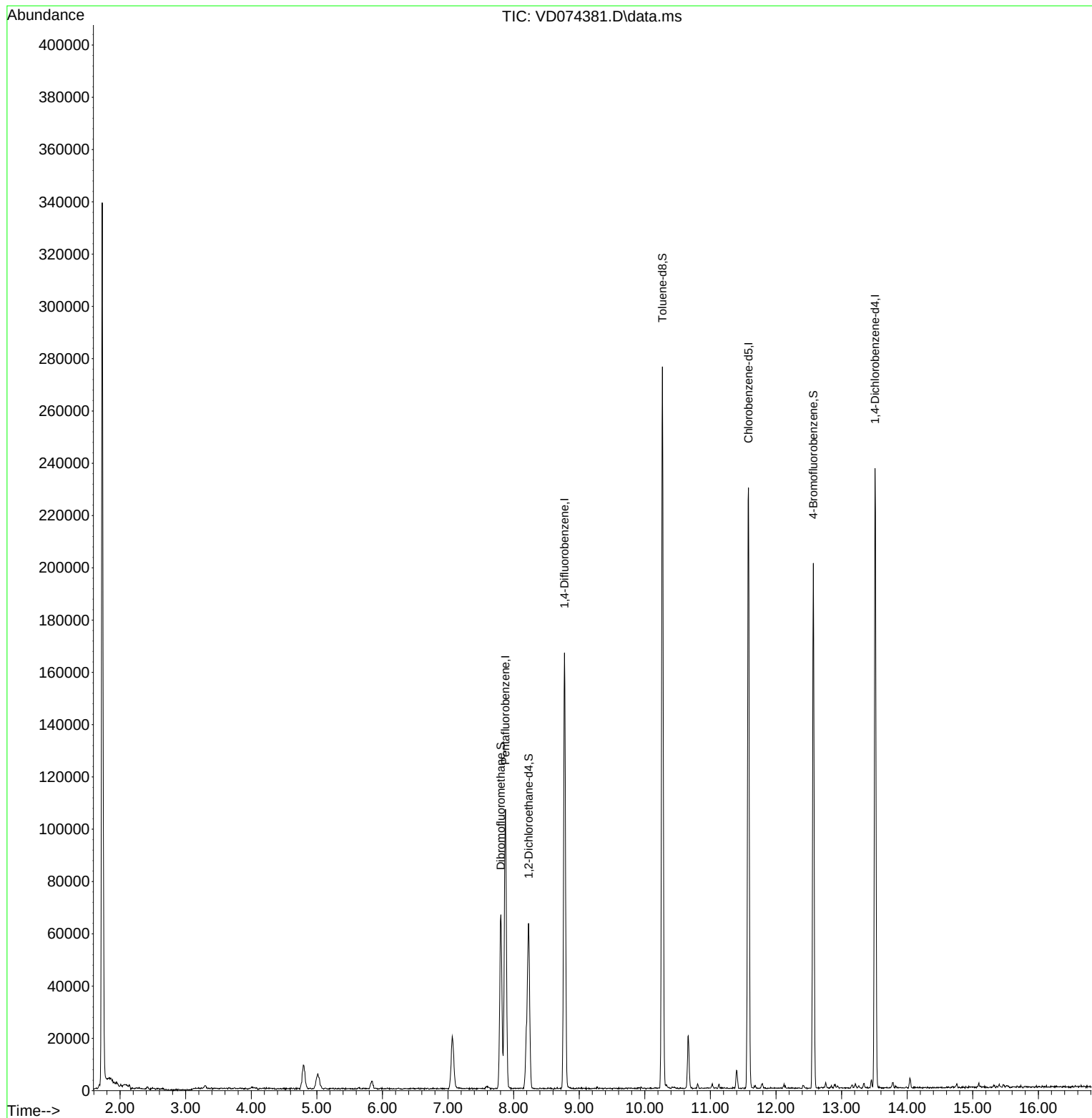
Target Compounds	Qvalue

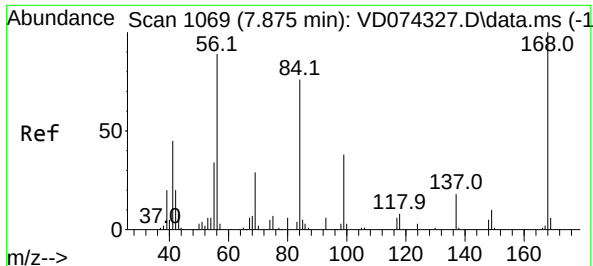
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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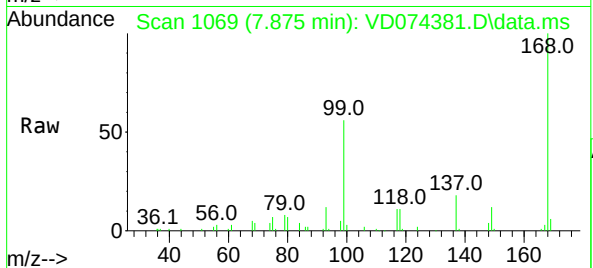
Quant Time: Sep 22 05:11:09 2022
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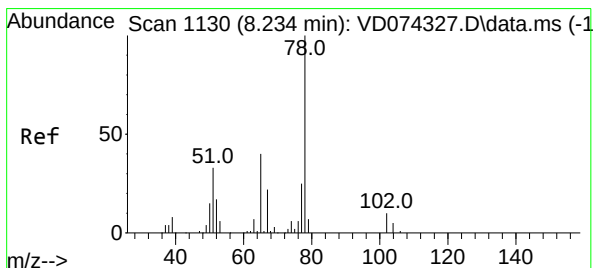
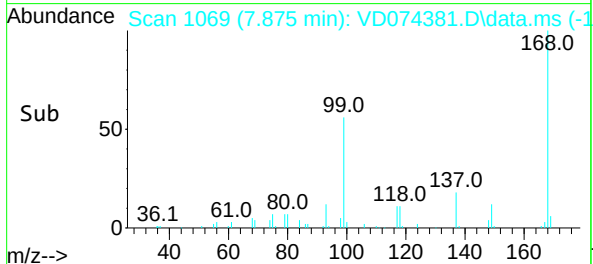
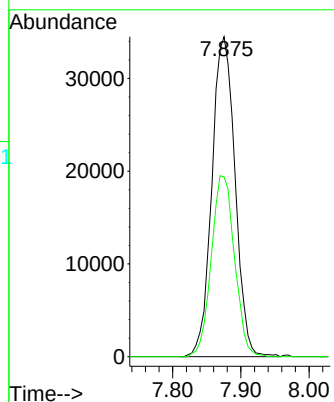


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBL01

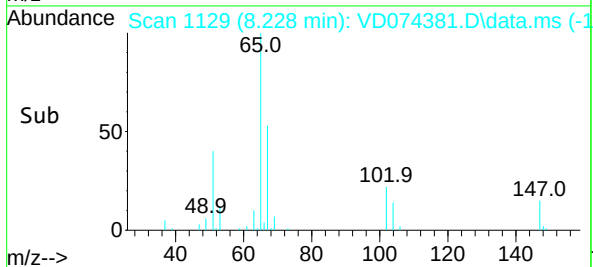
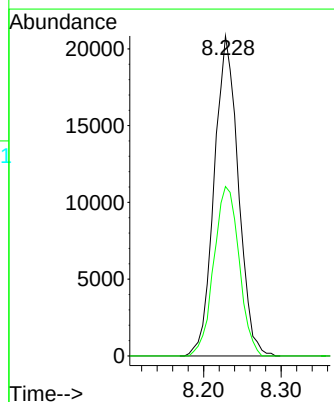
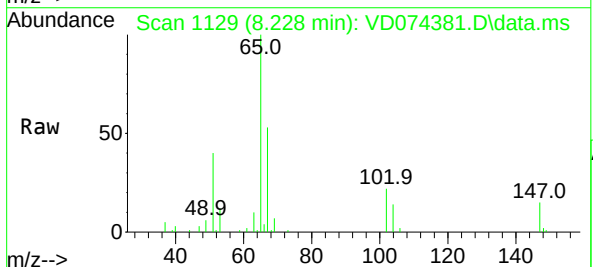


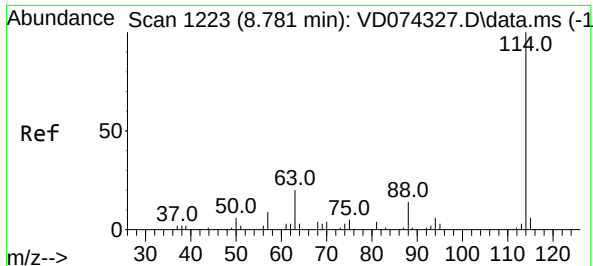
Tgt Ion:168 Resp: 81601
Ion Ratio Lower Upper
168 100
99 56.2 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 56.595 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Tgt Ion: 65 Resp: 44982
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074381.D

Acq: 21 Sep 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0921SBL01

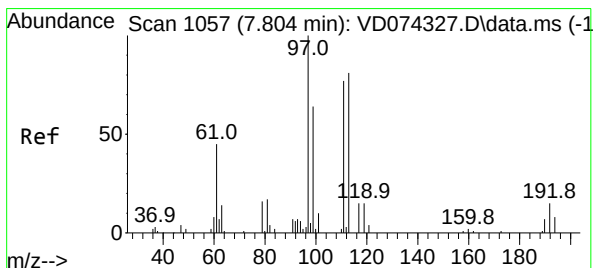
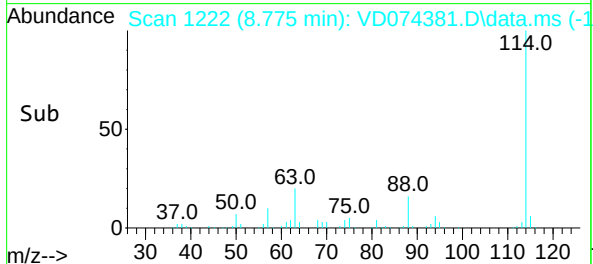
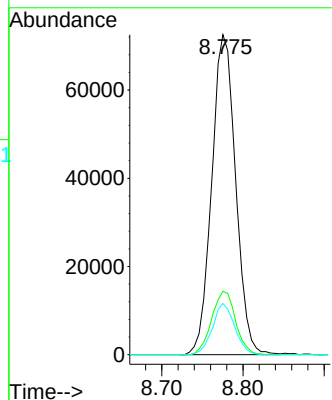
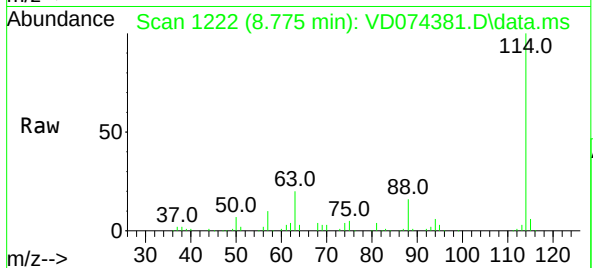
Tgt Ion:114 Resp: 148322

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 16.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 48.862 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074381.D

Acq: 21 Sep 2022 11:06

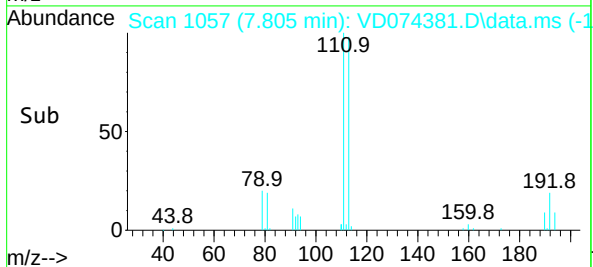
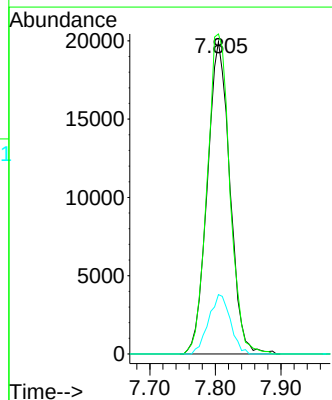
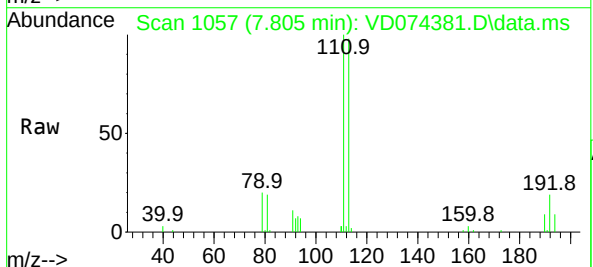
Tgt Ion:113 Resp: 47731

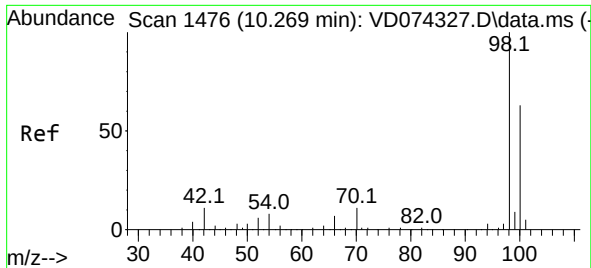
Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

192 18.3 16.2 24.2

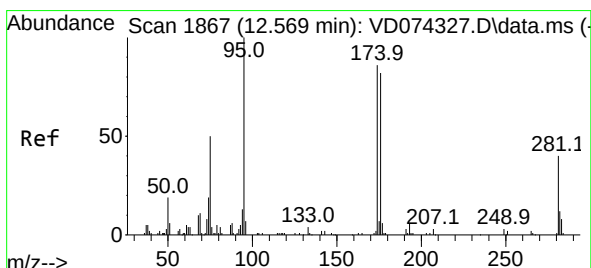
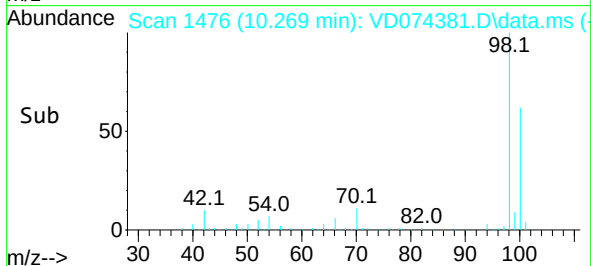
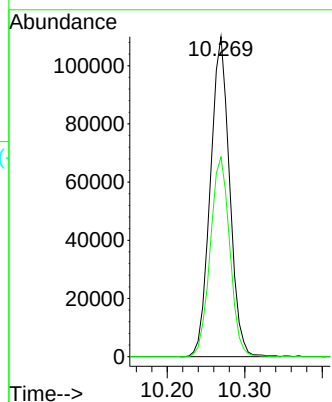
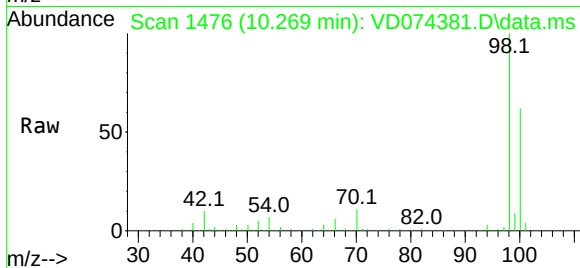




#50
Toluene-d8
Concen: 56.257 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

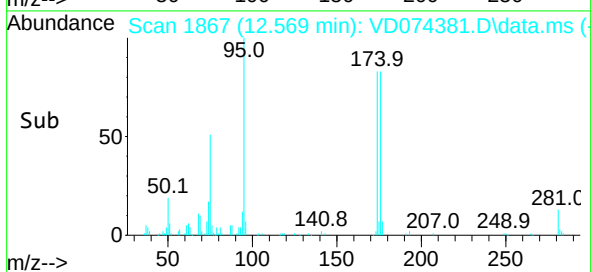
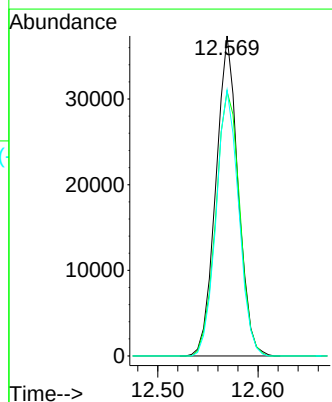
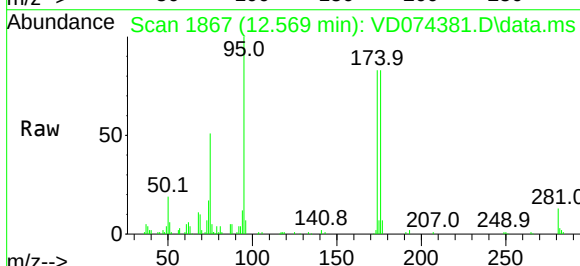
Instrument :
MSVOA_D
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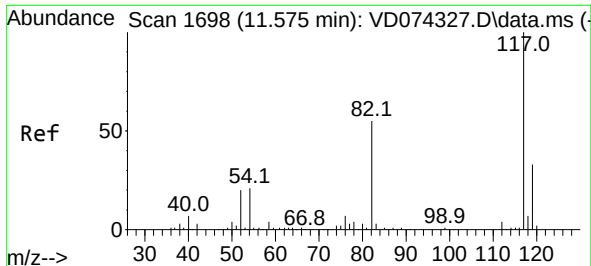
Tgt Ion: 98 Resp: 189621
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 50.192 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Tgt Ion: 95 Resp: 57310
Ion Ratio Lower Upper
95 100
174 88.6 0.0 179.2
176 84.2 0.0 171.4

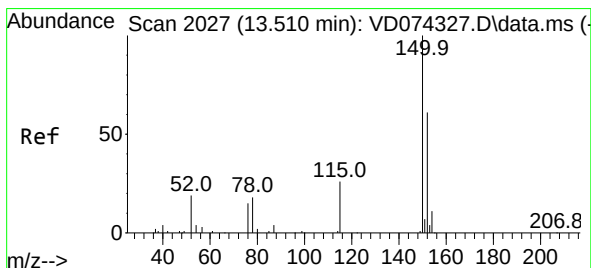
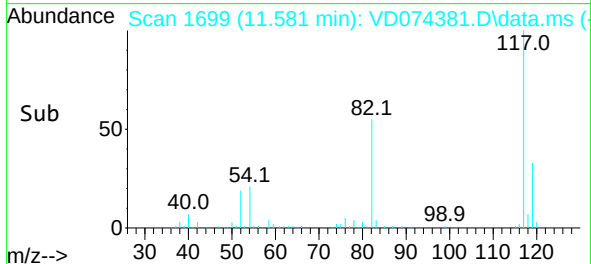
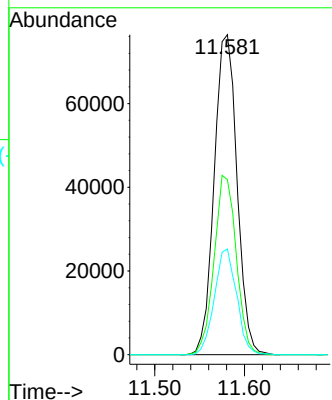
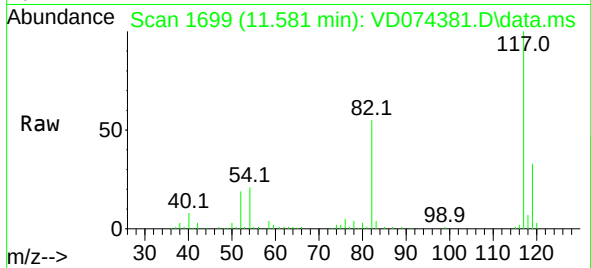




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBL01

Tgt Ion:117 Resp: 135160
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Tgt Ion:152 Resp: 64240
Ion Ratio Lower Upper
152 100
115 57.9 28.4 85.2
150 156.7 0.0 351.0

