

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074339.D
 Acq On : 16 Sep 2022 19:35
 Operator : VA/SY
 Sample : N4613-02
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(18-23)

Quant Time: Sep 17 04:24:18 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	114002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	193951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	176153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	78909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49335	44.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.860%
35) Dibromofluoromethane	7.804	113	51545	40.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.700%
50) Toluene-d8	10.269	98	214008	48.555	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.569	95	60435	39.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.460%

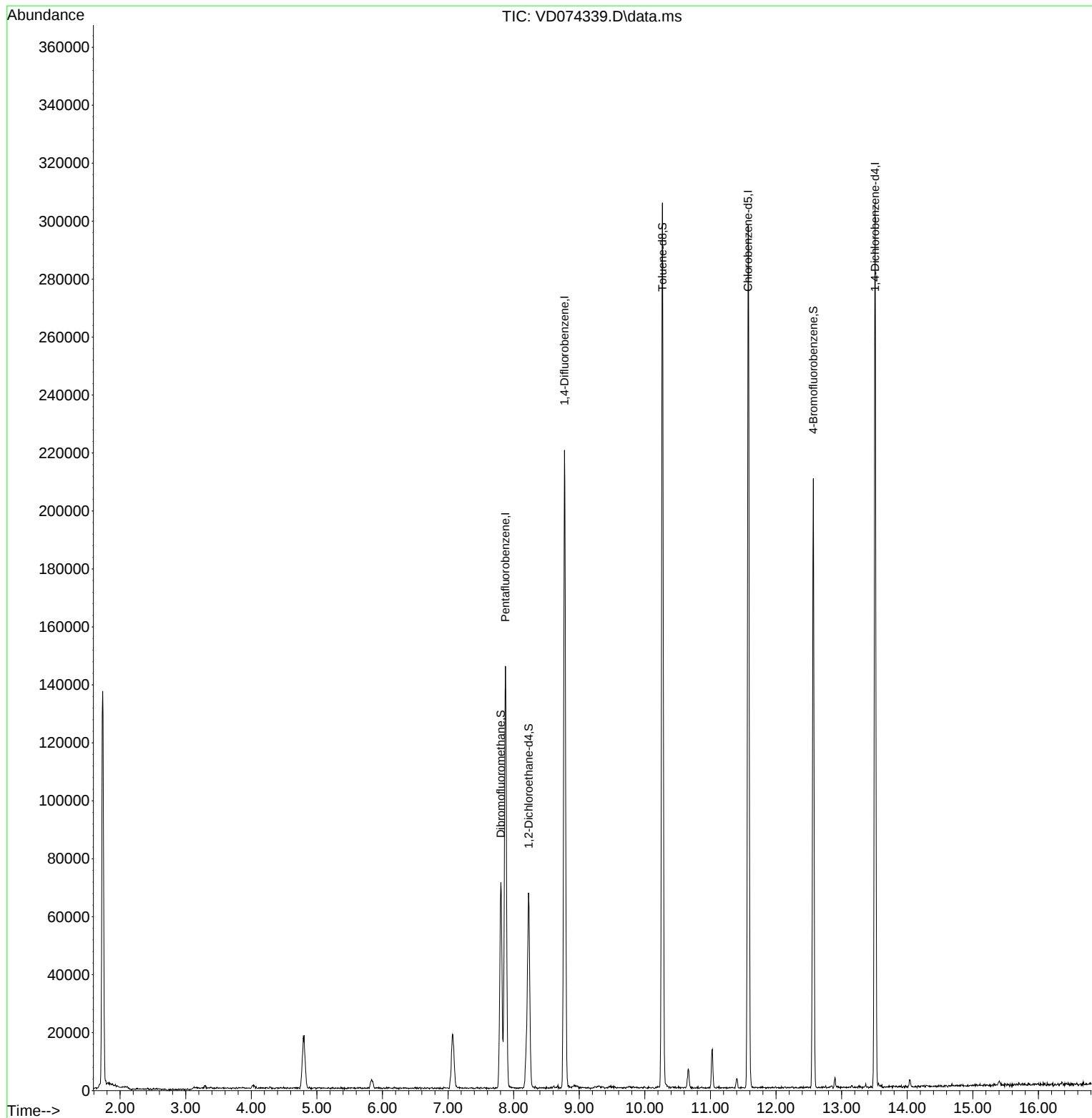
Target Compounds	Qvalue

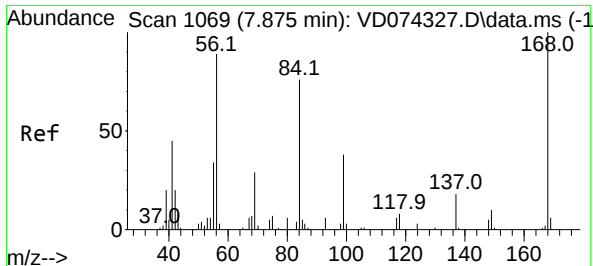
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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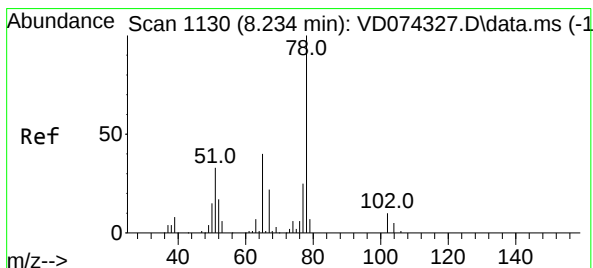
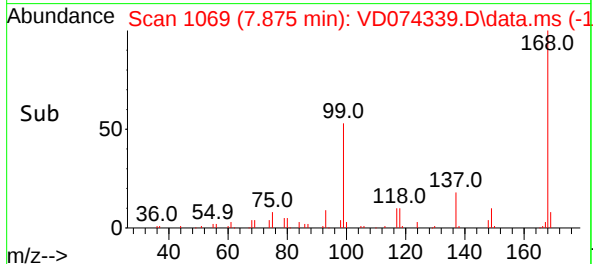
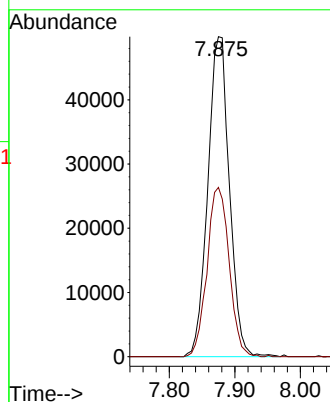
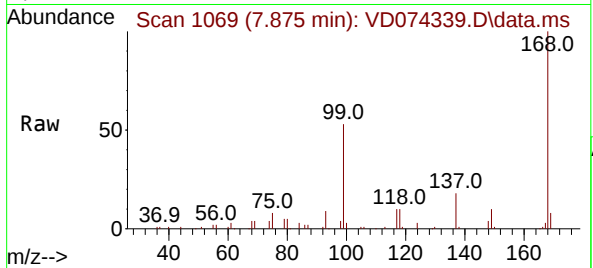




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

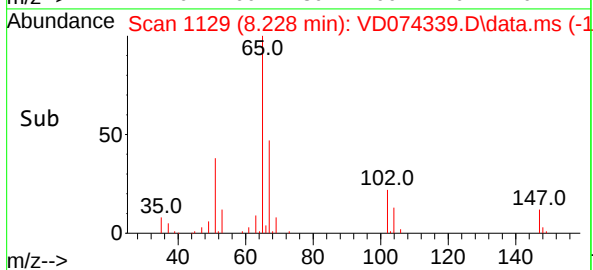
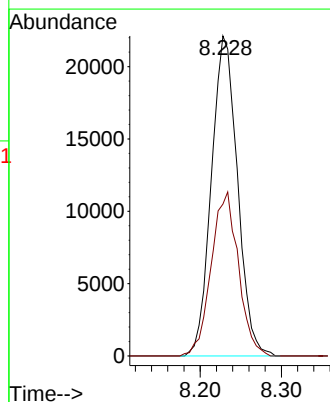
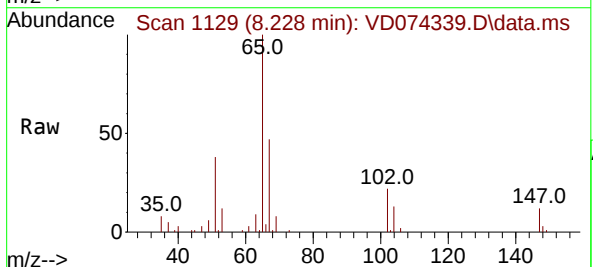
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(18-23)

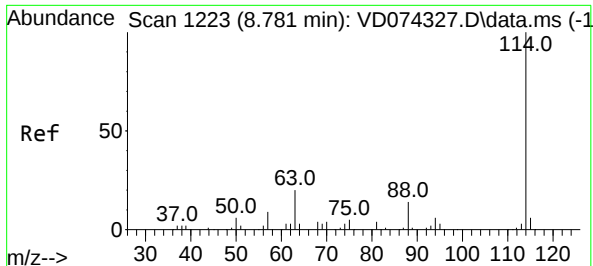
Tgt Ion:168 Resp: 114002
Ion Ratio Lower Upper
168 100
99 52.9 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 44.430 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

Tgt Ion: 65 Resp: 49335
Ion Ratio Lower Upper
65 100
67 53.4 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: VD074339.D

Acq: 16 Sep 2022 19:35

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(18-23)

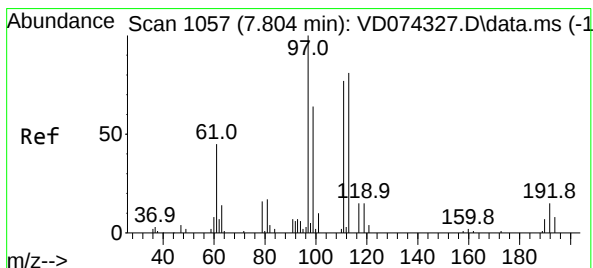
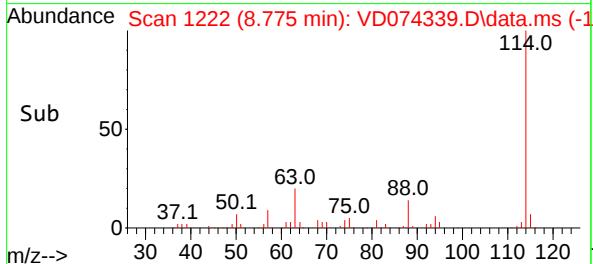
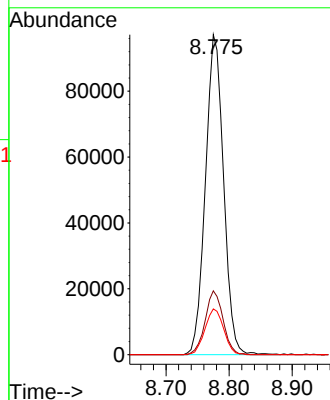
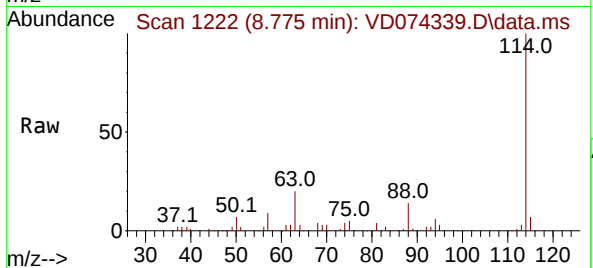
Tgt Ion:114 Resp: 193951

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 14.3 0.0 28.4



#35

Dibromofluoromethane

Concen: 40.352 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074339.D

Acq: 16 Sep 2022 19:35

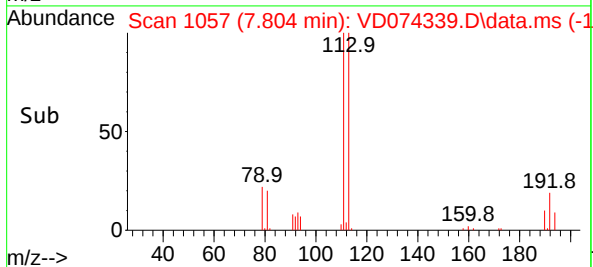
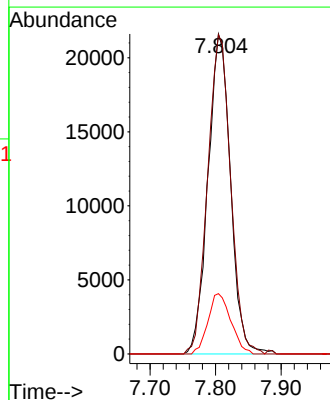
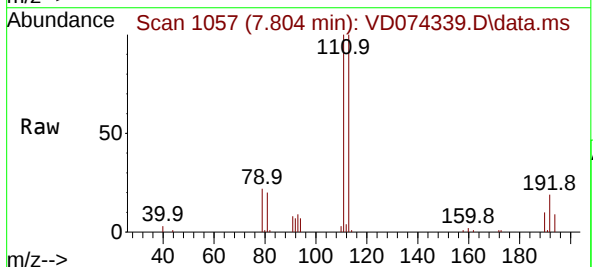
Tgt Ion:113 Resp: 51545

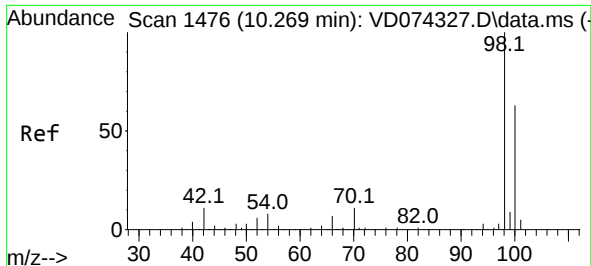
Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

192 19.2 16.2 24.2

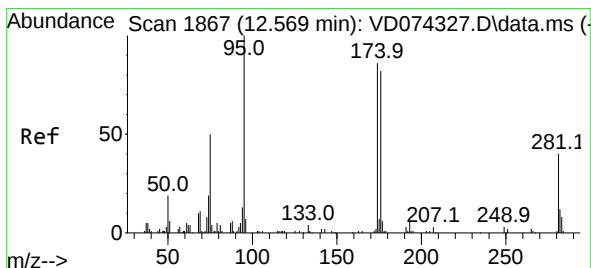
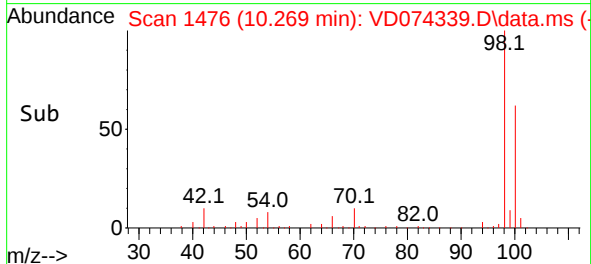
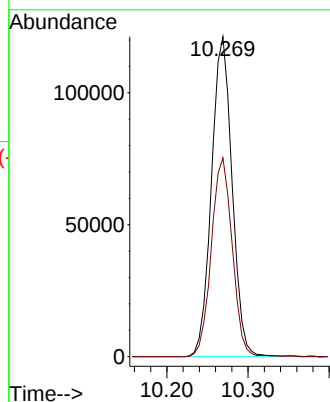
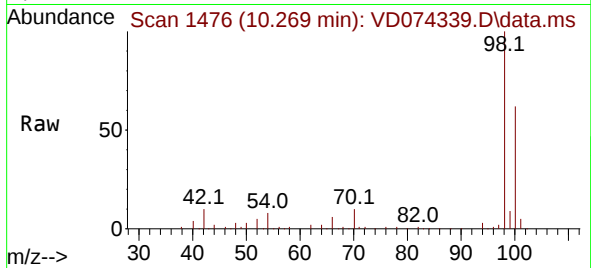




#50
Toluene-d8
Concen: 48.555 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

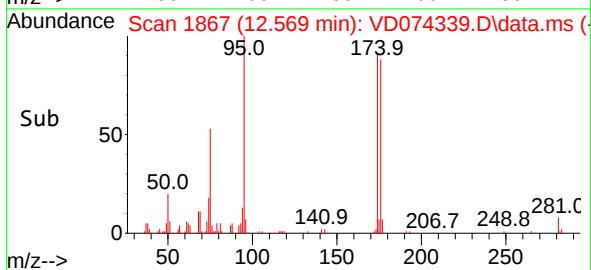
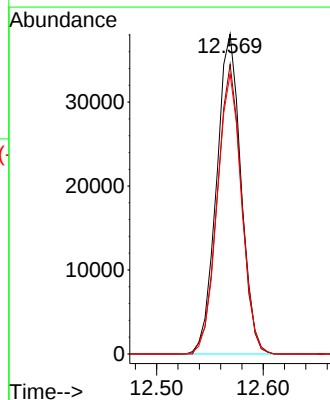
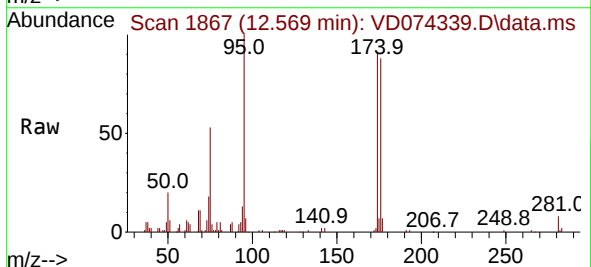
Instrument :
MSVOA_D
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SASP2-T-6-(18-23)

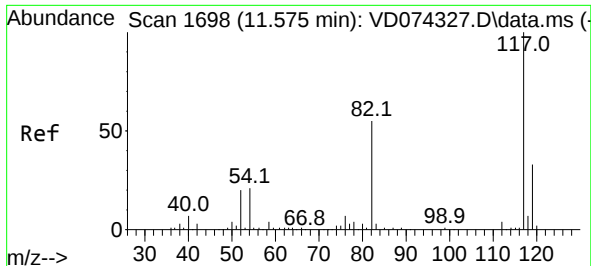
Tgt Ion: 98 Resp: 214008
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 39.228 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

Tgt Ion: 95 Resp: 60435
Ion Ratio Lower Upper
95 100
174 89.6 0.0 179.2
176 87.4 0.0 171.4

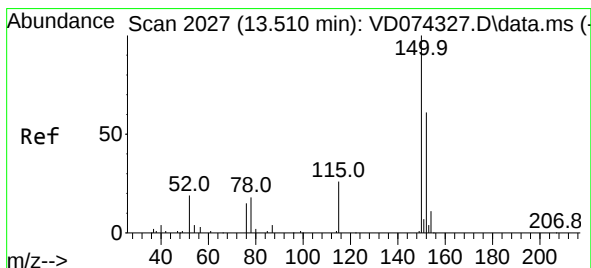
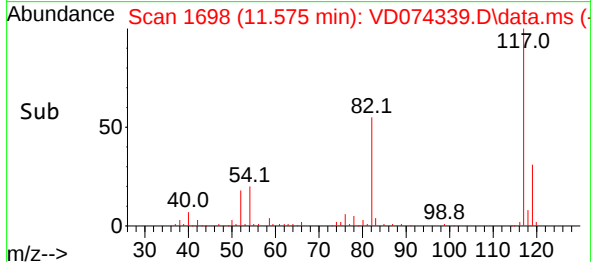
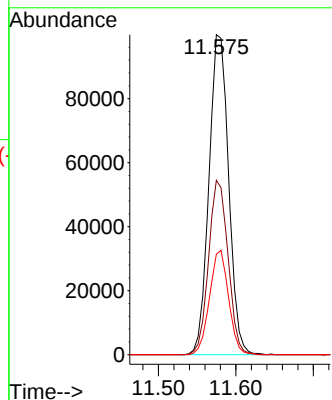
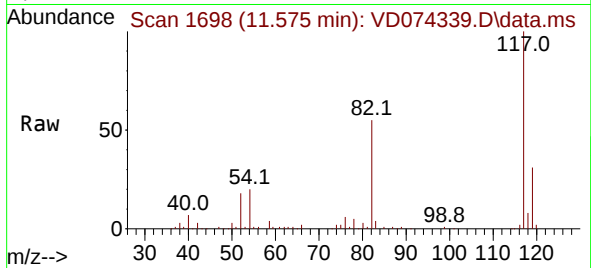




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074339.D
Acq: 16 Sep 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(18-23)

Tgt Ion:117 Resp: 176153
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.4 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: VD074339.D
Acq: 16 Sep 2022 19:35

Tgt Ion:152 Resp: 78909
Ion Ratio Lower Upper
152 100
115 57.0 28.4 85.2
150 158.7 0.0 351.0

