

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079674.D
 Acq On : 08 Aug 2024 18:31
 Operator : RP/MD
 Sample : P3460-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11929

Quant Time: Aug 09 01:11:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	7536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	16748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6973	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	7630	99.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	199.320%#
35) Dibromofluoromethane	7.799	113	6263	56.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.620%
50) Toluene-d8	10.269	98	17055	39.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.680%
62) 4-Bromofluorobenzene	12.575	95	5019	40.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.020%

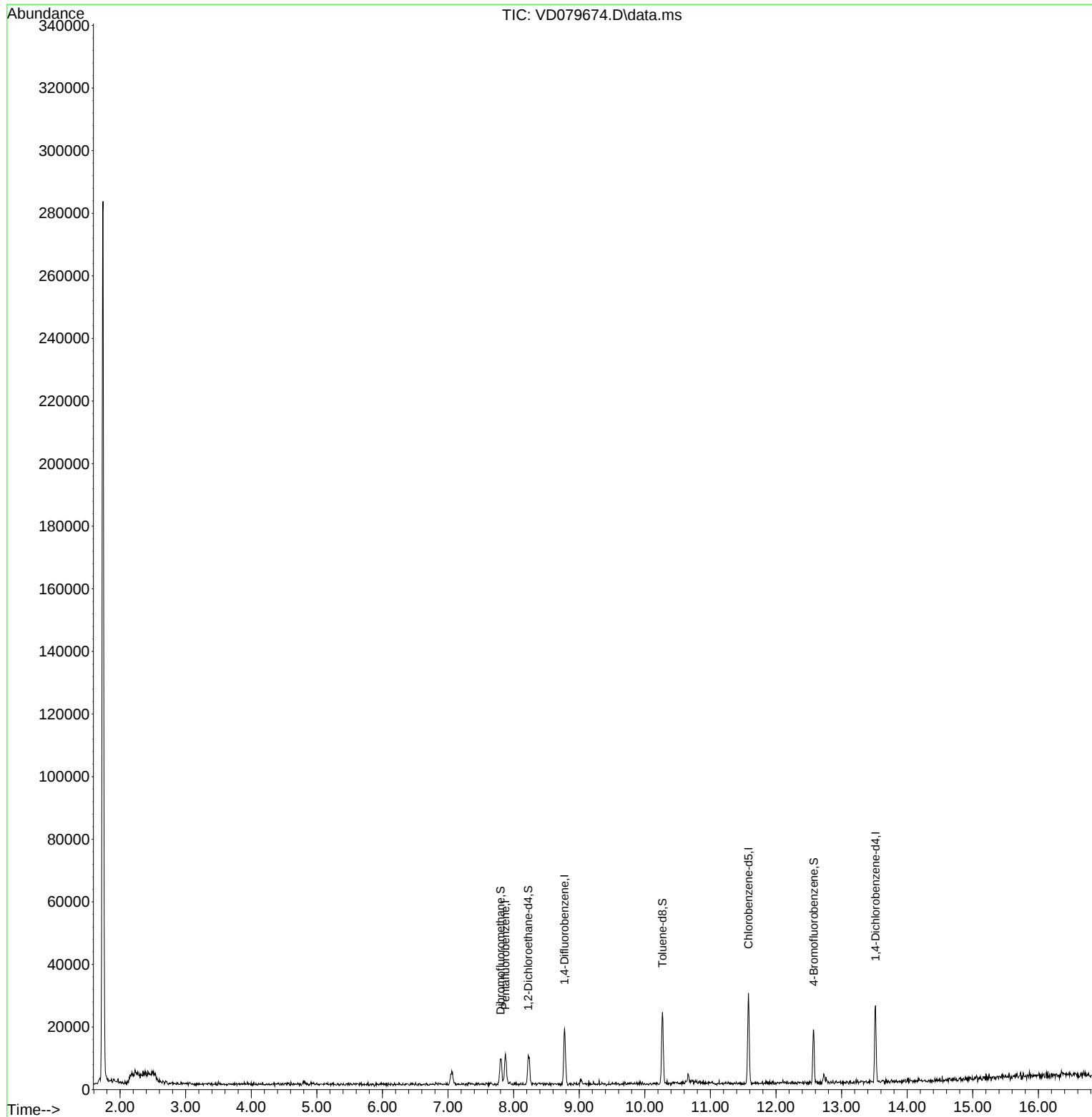
Target Compounds	Qvalue

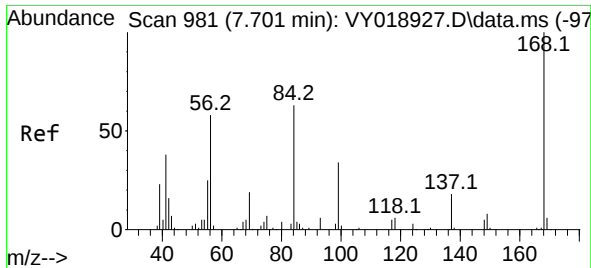
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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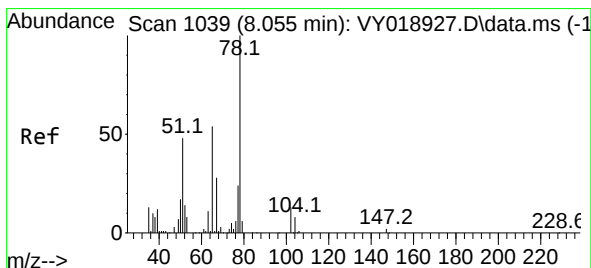
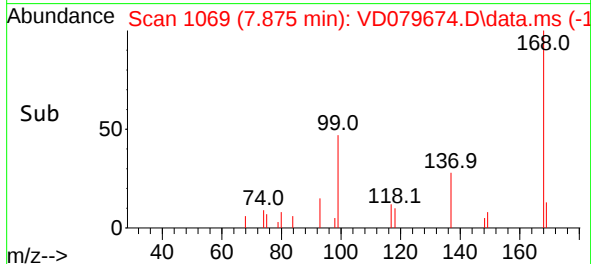
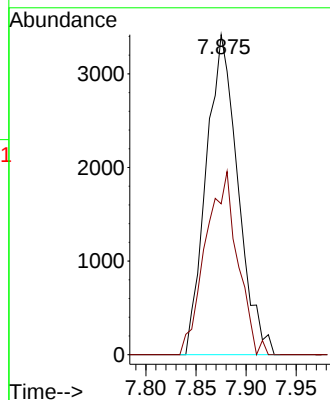
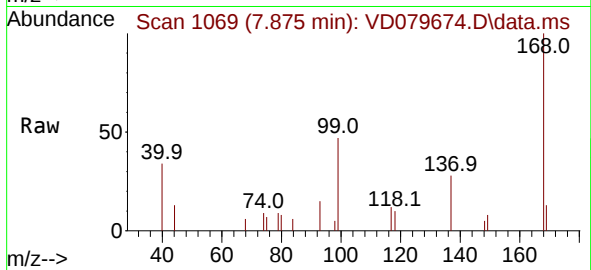




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079674.D
Acq: 08 Aug 2024 18:31

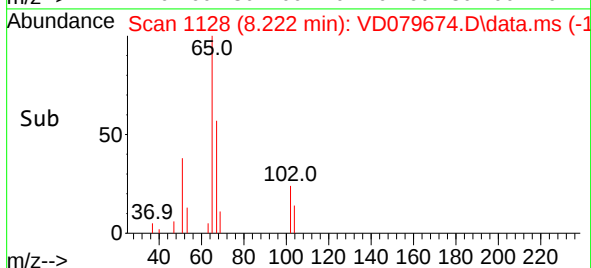
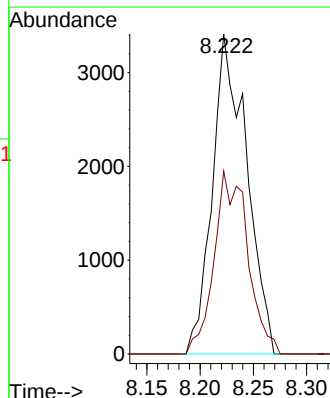
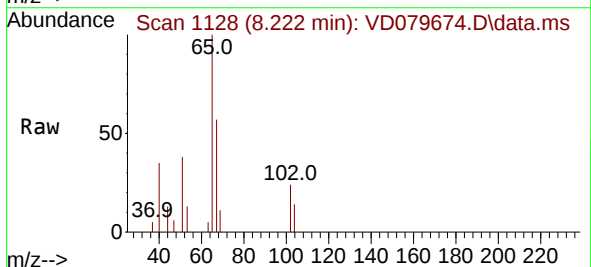
Instrument :
MSVOA_D
ClientSampleId :
72-11929

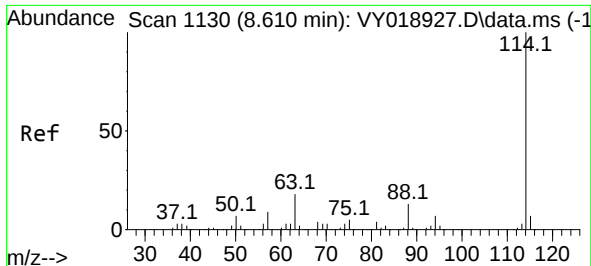
Tgt Ion:168 Resp: 7536
Ion Ratio Lower Upper
168 100
99 47.2 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 99.662 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD079674.D
Acq: 08 Aug 2024 18:31

Tgt Ion: 65 Resp: 7630
Ion Ratio Lower Upper
65 100
67 56.0 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079674.D

Acq: 08 Aug 2024 18:31

Instrument :

MSVOA_D

ClientSampleId :

72-11929

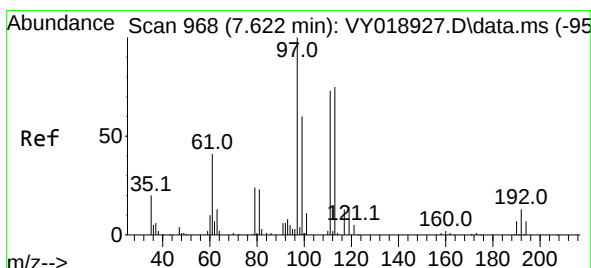
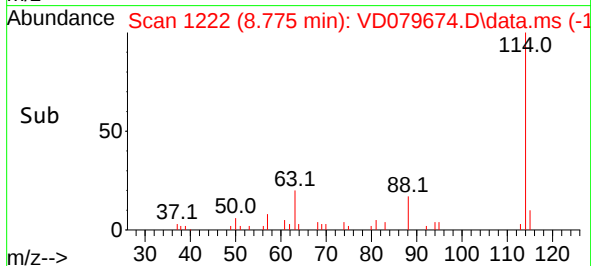
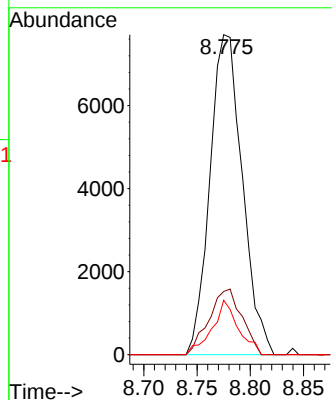
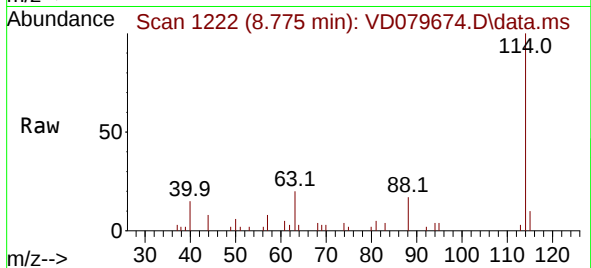
Tgt Ion:114 Resp: 16288

Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.0

88 17.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.810 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079674.D

Acq: 08 Aug 2024 18:31

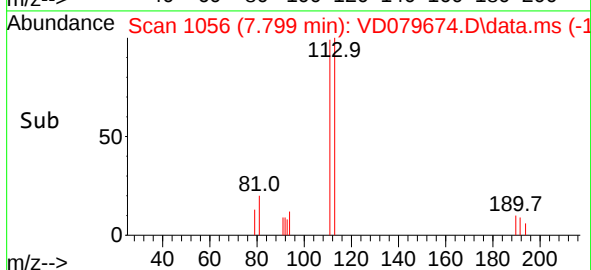
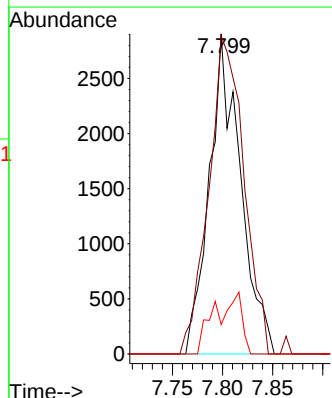
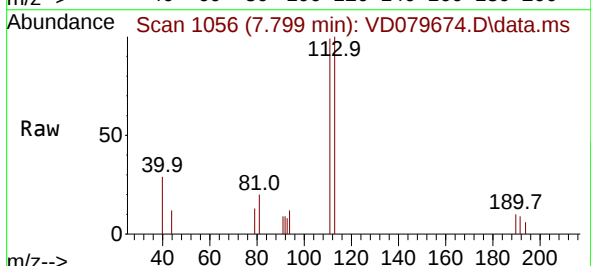
Tgt Ion:113 Resp: 6263

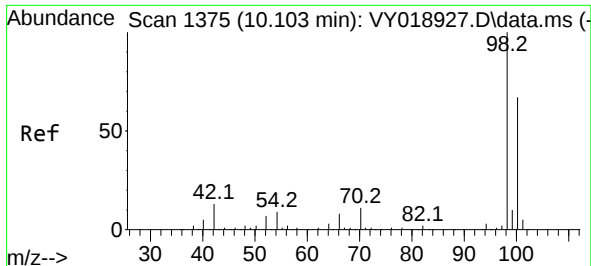
Ion Ratio Lower Upper

113 100

111 112.4 84.0 126.0

192 7.6 15.4 23.0#

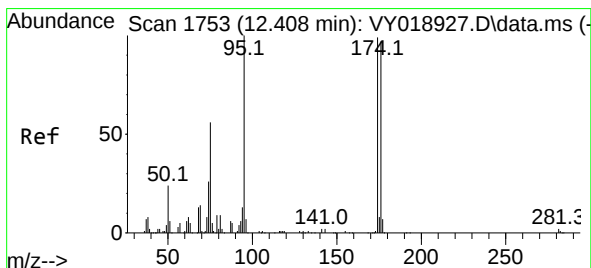
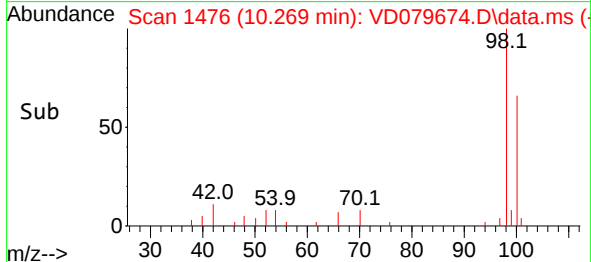
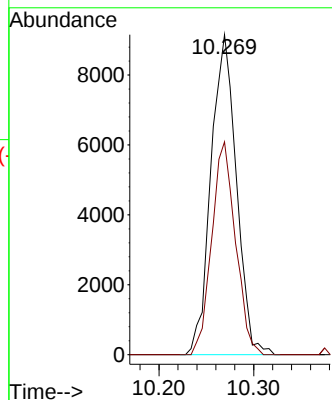
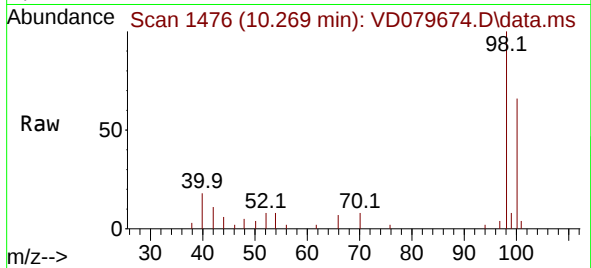




#50
Toluene-d8
Concen: 39.837 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD079674.D
Acq: 08 Aug 2024 18:31

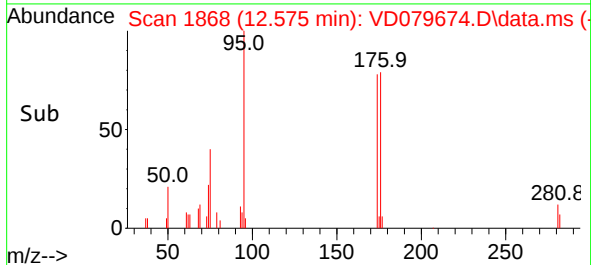
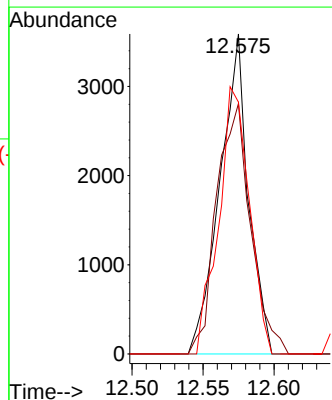
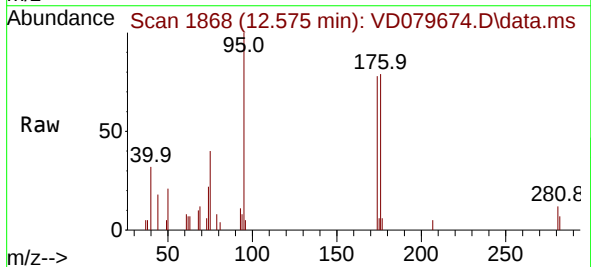
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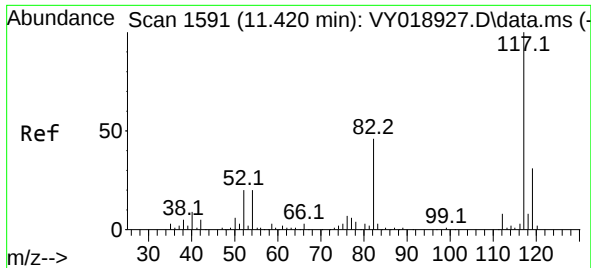
Tgt Ion: 98 Resp: 17055
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.512 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079674.D
Acq: 08 Aug 2024 18:31

Tgt Ion: 95 Resp: 5019
Ion Ratio Lower Upper
95 100
174 93.4 0.0 195.4
176 89.7 0.0 192.6

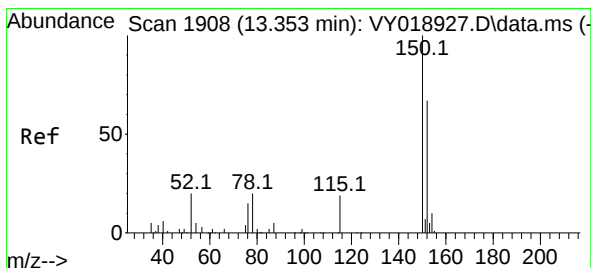
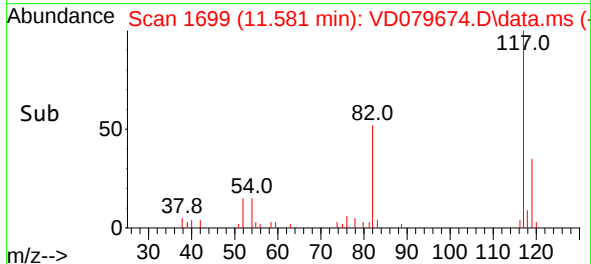
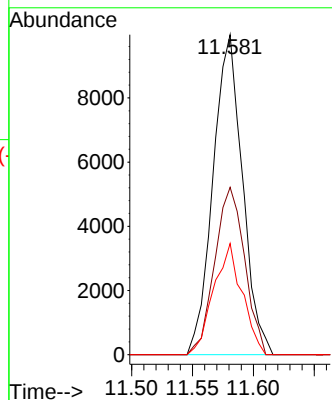
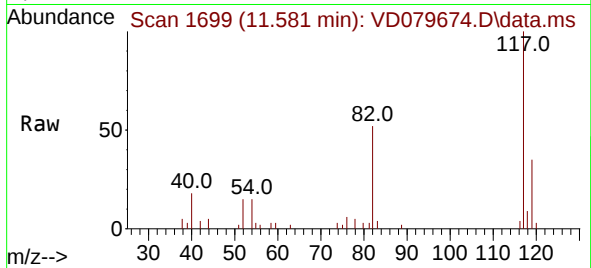




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079674.D
Acq: 08 Aug 2024 18:31

Instrument :
MSVOA_D
ClientSampleId :
72-11929

Tgt Ion:117	Resp:	16748
Ion	Ratio	Lower Upper
117	100	
82	52.3	39.8 59.6
119	34.7	25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079674.D
Acq: 08 Aug 2024 18:31

Tgt Ion:152	Resp:	6973
Ion	Ratio	Lower Upper
152	100	
115	56.0	26.5 79.5
150	157.1	0.0 341.6

