

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079782.D
 Acq On : 05 Sep 2024 13:43
 Operator : RP/MD
 Sample : VD0905SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0905SBL01

Quant Time: Sep 06 01:36:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	112624	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	235753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93742	61.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.100%
35) Dibromofluoromethane	7.805	113	82613	53.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.820%
50) Toluene-d8	10.269	98	336981	51.275	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.569	95	86689	47.142	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.280%

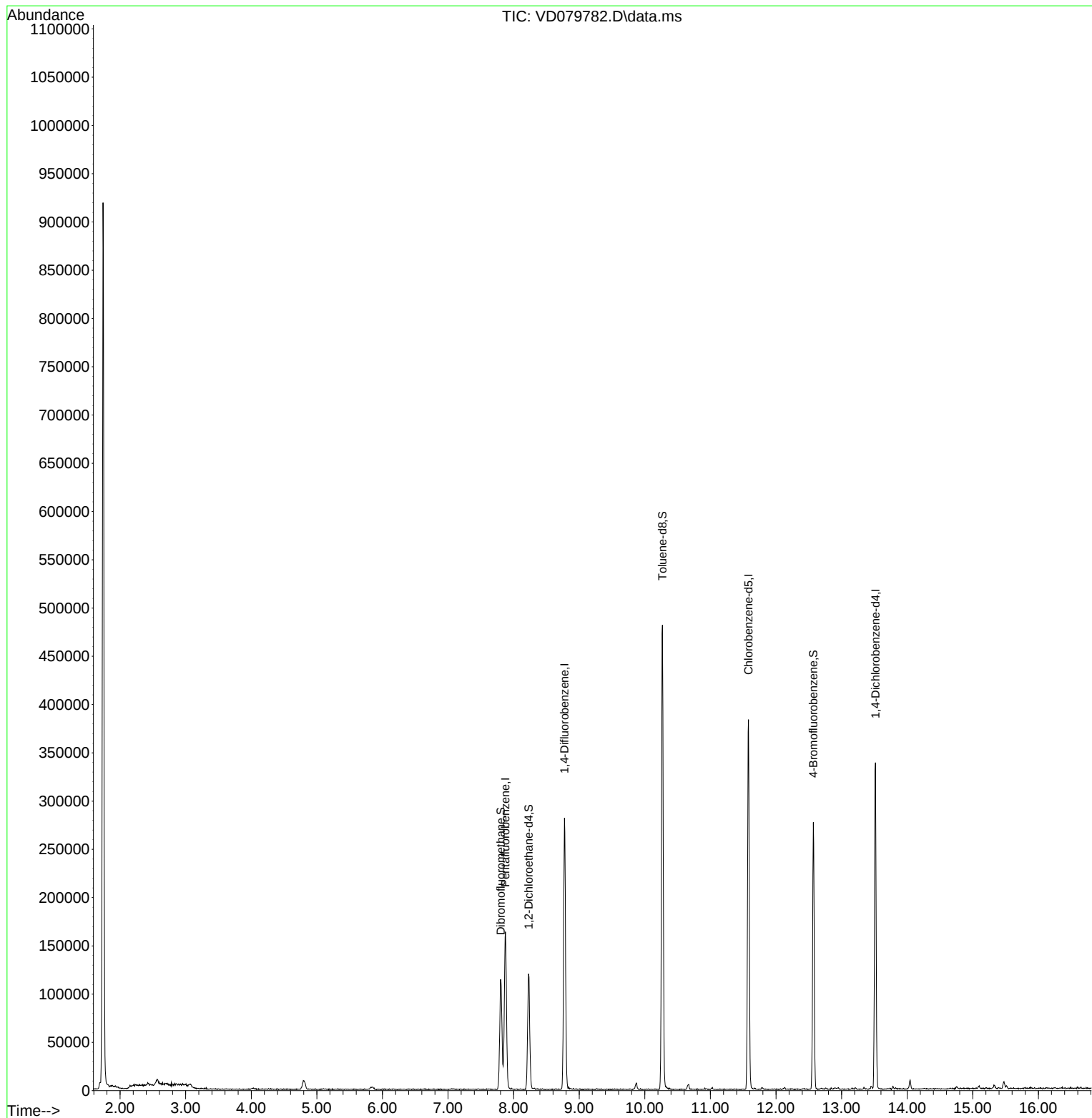
Target Compounds	Qvalue

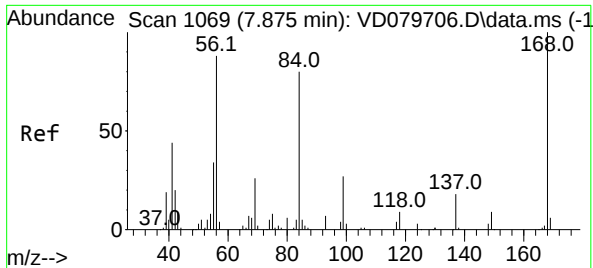
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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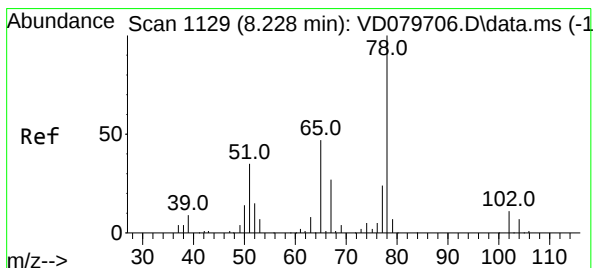
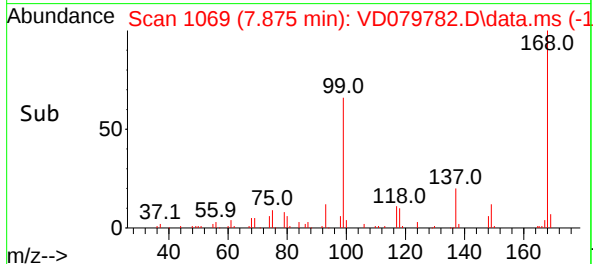
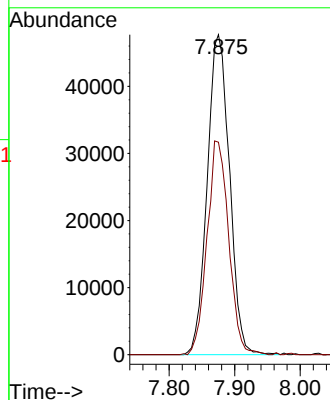
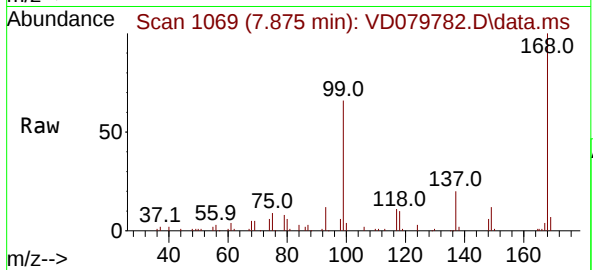




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

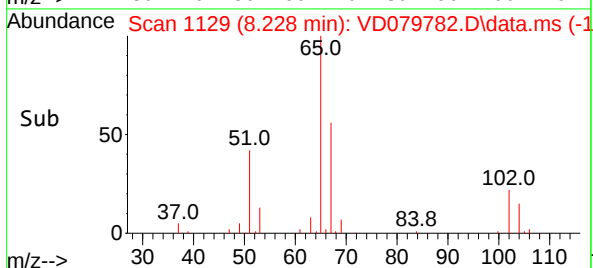
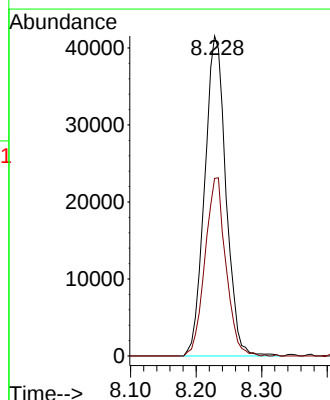
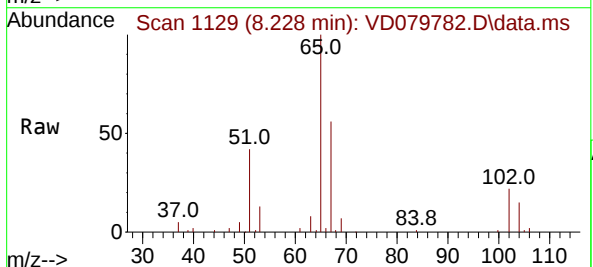
Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

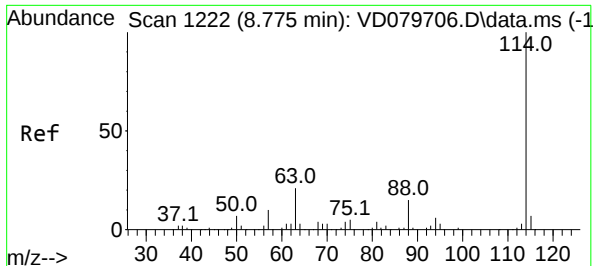
Tgt Ion:168 Resp: 112624
Ion Ratio Lower Upper
168 100
99 66.4 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 61.045 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Tgt Ion: 65 Resp: 93742
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079782.D

Acq: 05 Sep 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

VD0905SBL01

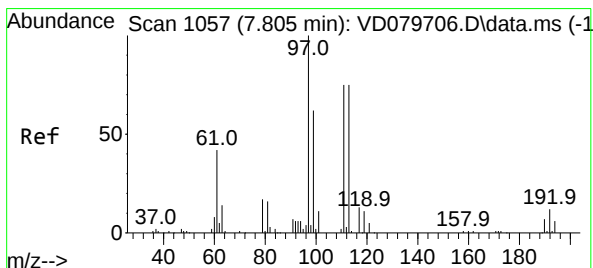
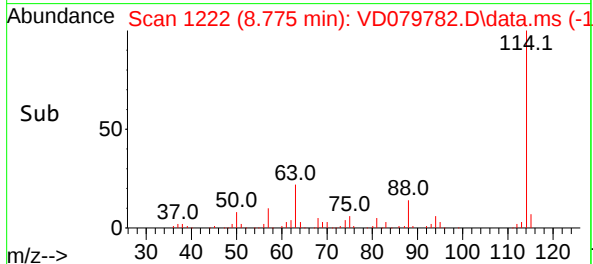
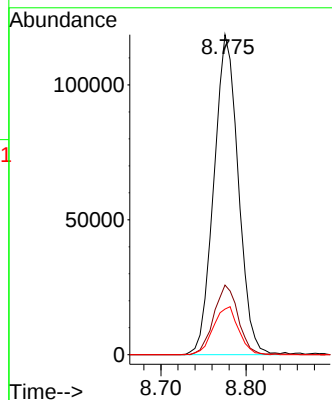
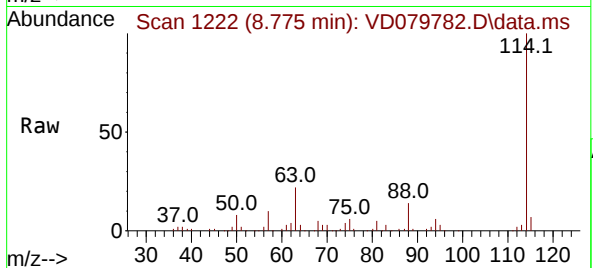
Tgt Ion:114 Resp: 235753

Ion Ratio Lower Upper

114 100

63 21.8 0.0 34.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.912 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079782.D

Acq: 05 Sep 2024 13:43

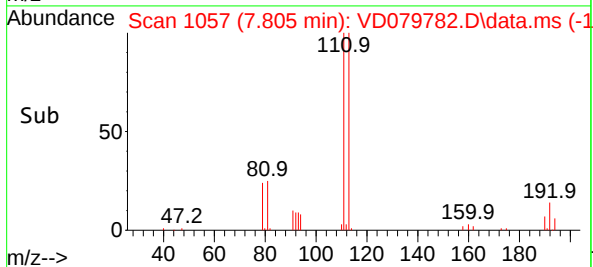
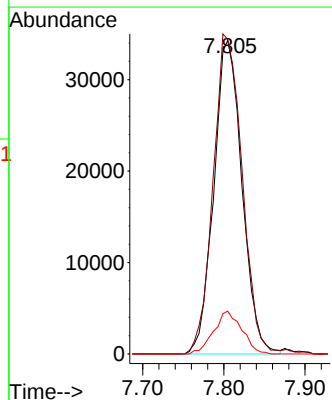
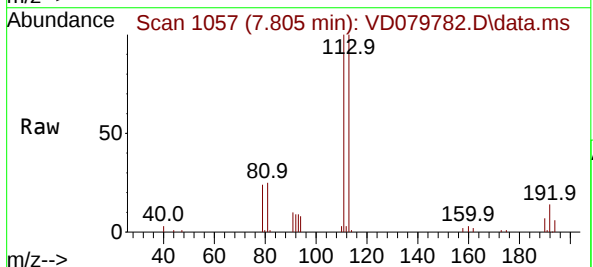
Tgt Ion:113 Resp: 82613

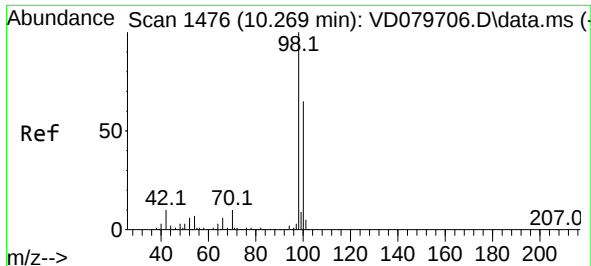
Ion Ratio Lower Upper

113 100

111 104.7 84.0 126.0

192 13.6 15.4 23.0#

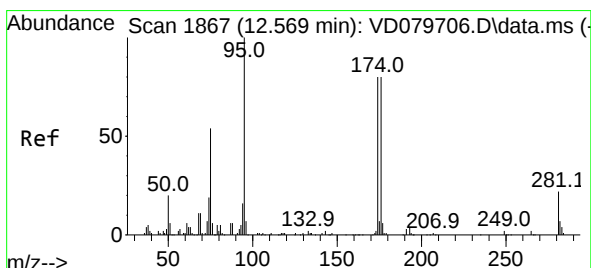
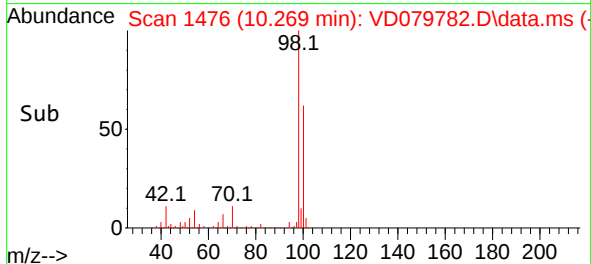
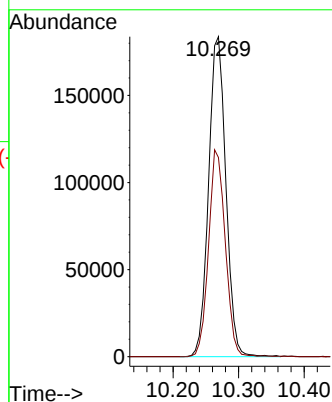
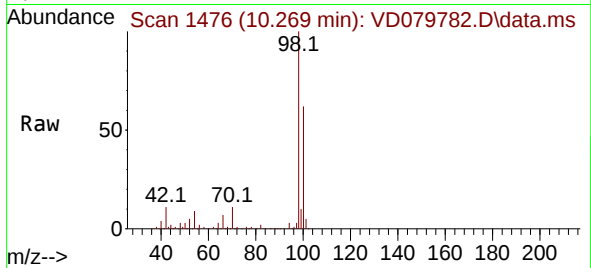




#50
Toluene-d8
Concen: 51.275 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

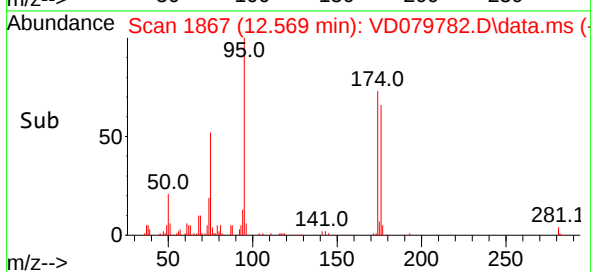
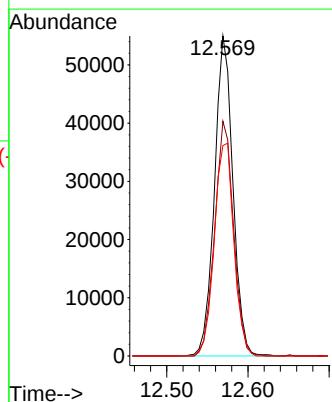
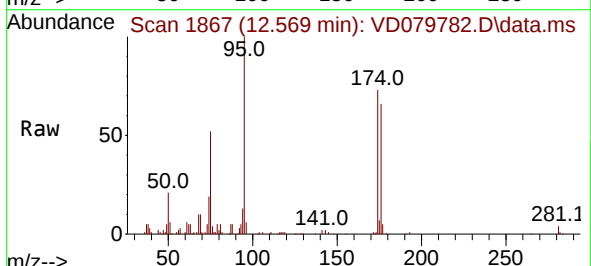
Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

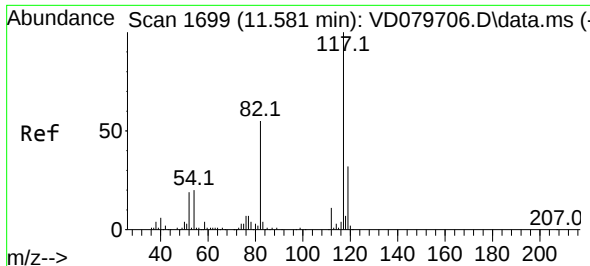
Tgt Ion: 98 Resp: 336981
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.142 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Tgt Ion: 95 Resp: 86689
Ion Ratio Lower Upper
95 100
174 75.2 0.0 195.4
176 70.8 0.0 192.6

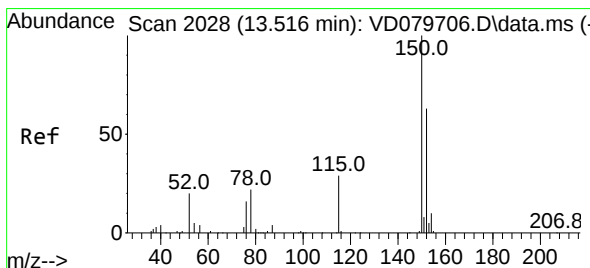
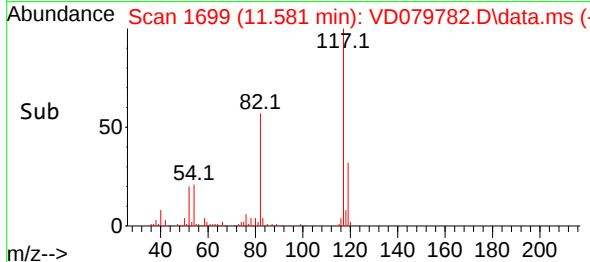
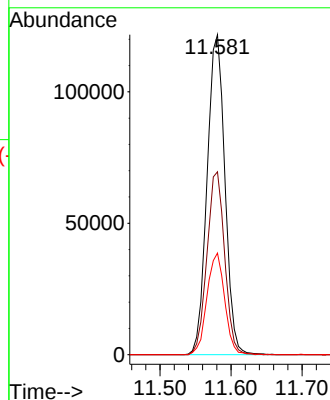
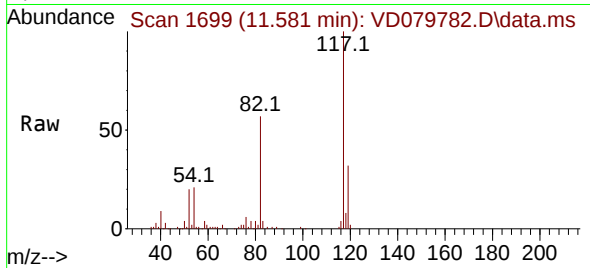




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :
VD0905SBL01

Tgt Ion:117 Resp: 212358
Ion Ratio Lower Upper
117 100
82 57.1 39.8 59.6
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079782.D
Acq: 05 Sep 2024 13:43

Tgt Ion:152 Resp: 86136
Ion Ratio Lower Upper
152 100
115 62.8 26.5 79.5
150 159.0 0.0 341.6

