

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079323.D
 Acq On : 02 Jul 2024 17:10
 Operator : RP/MD
 Sample : P3112-02RE
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOCRE

Quant Time: Jul 03 01:24:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116557	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	238053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	35890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66427	59.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.040%
35) Dibromofluoromethane	7.805	113	78593	50.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.269	98	190023	33.804	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.600%
62) 4-Bromofluorobenzene	12.569	95	42951	23.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.660%

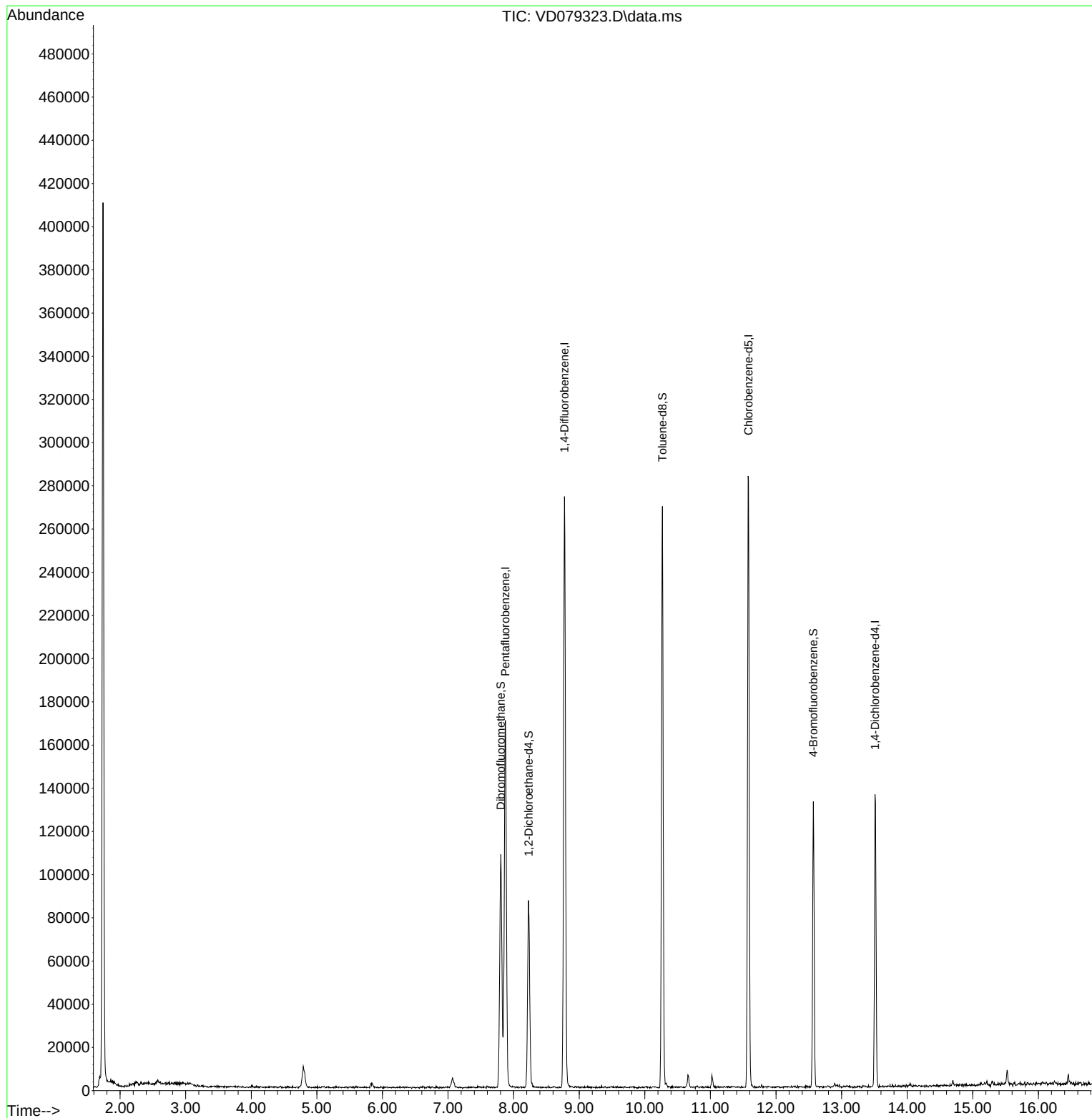
Target Compounds	Qvalue

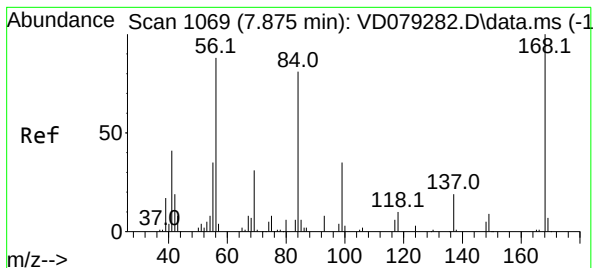
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079323.D

Acq: 02 Jul 2024 17:10

Instrument :

MSVOA_D

ClientSampleId :

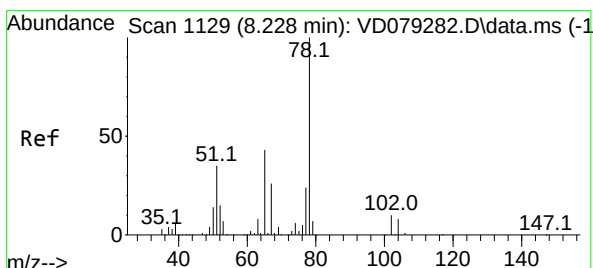
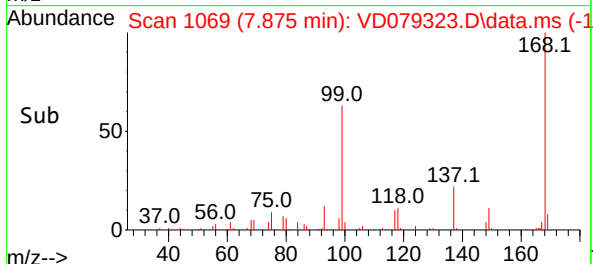
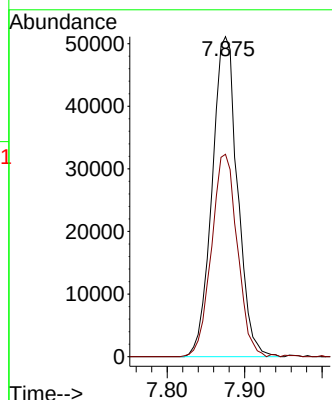
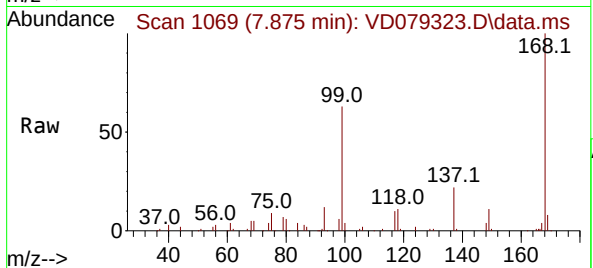
VOCRE

Tgt Ion:168 Resp: 116557

Ion Ratio Lower Upper

168 100

99 63.3 41.1 61.7#



#33

1,2-Dichloroethane-d4

Concen: 59.016 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079323.D

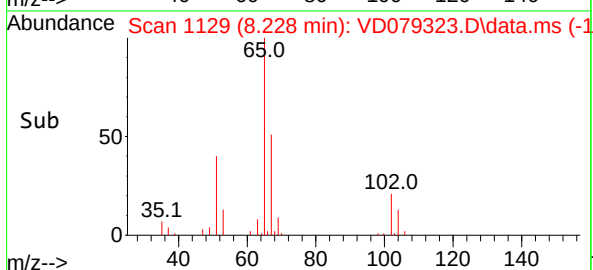
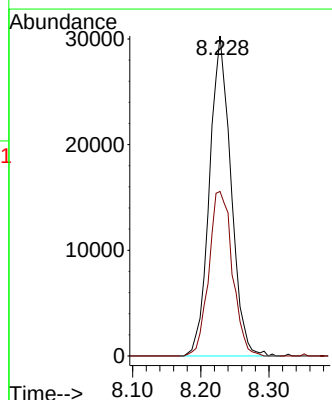
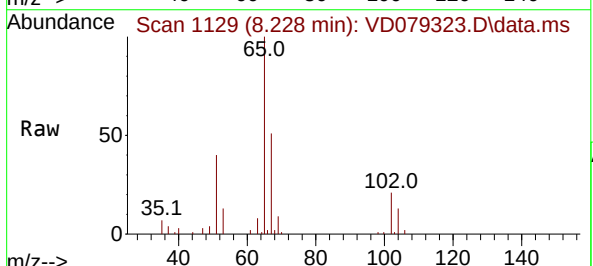
Acq: 02 Jul 2024 17:10

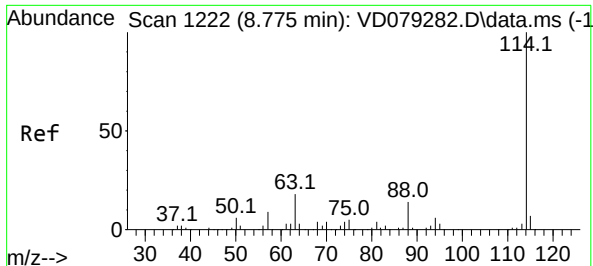
Tgt Ion: 65 Resp: 66427

Ion Ratio Lower Upper

65 100

67 56.3 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: VD079323.D

Acq: 02 Jul 2024 17:10

Instrument :

MSVOA_D

ClientSampleId :

VOCRE

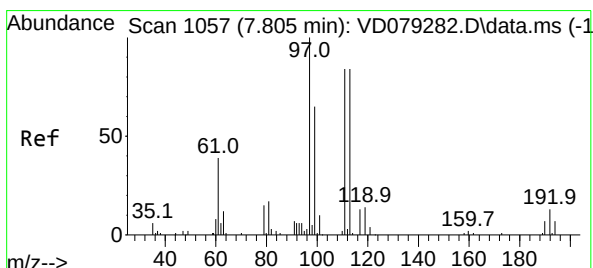
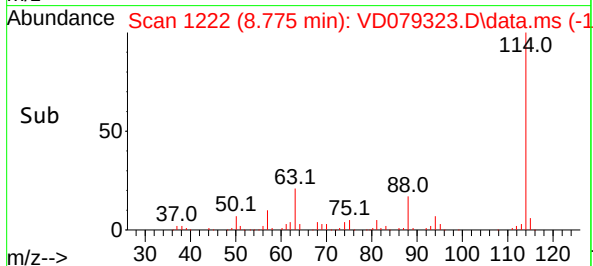
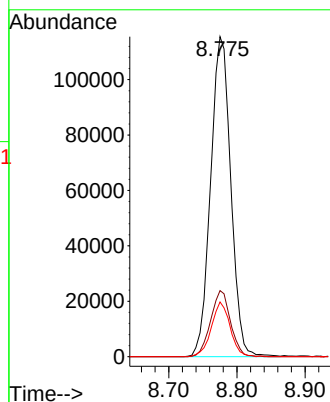
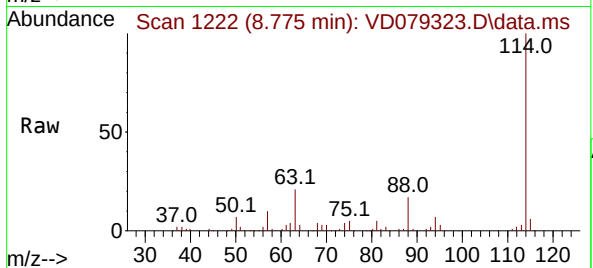
Tgt Ion:114 Resp: 238053

Ion Ratio Lower Upper

114 100

63 20.6 0.0 34.0

88 17.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.297 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079323.D

Acq: 02 Jul 2024 17:10

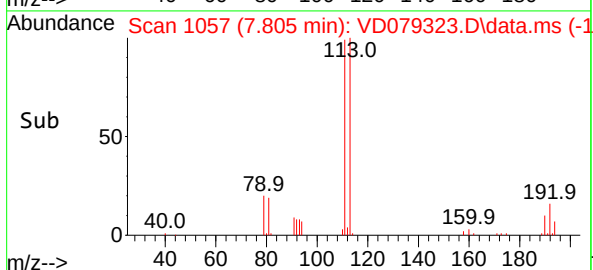
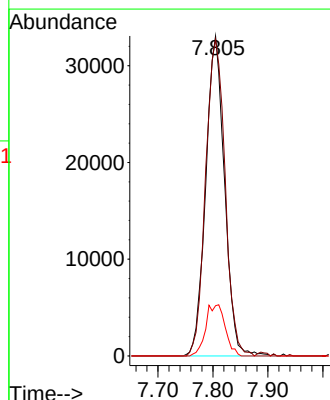
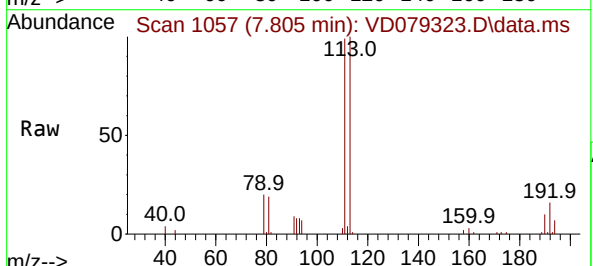
Tgt Ion:113 Resp: 78593

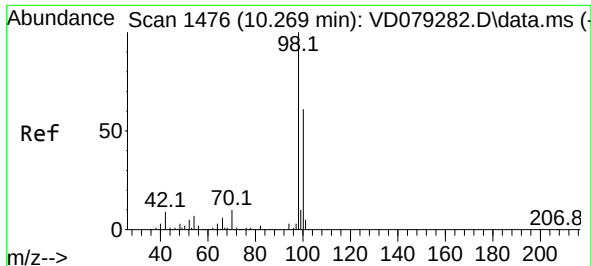
Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

192 16.6 15.4 23.0

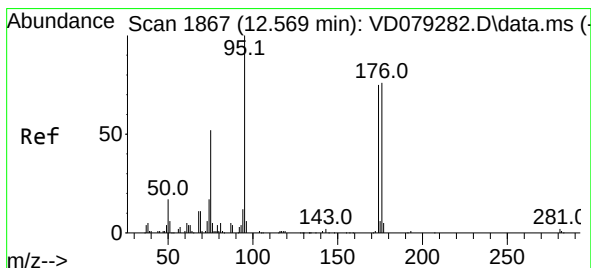
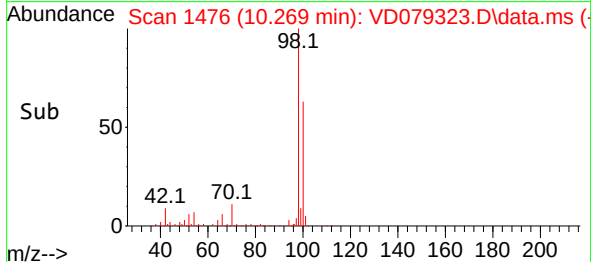
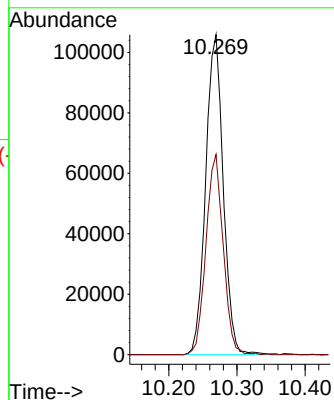
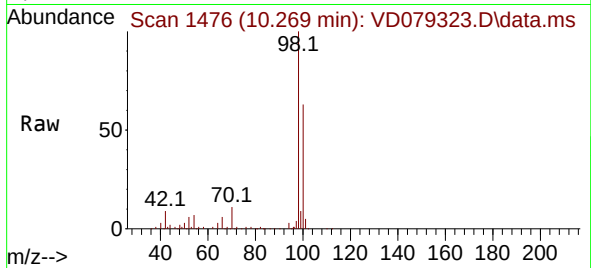




#50
Toluene-d8
Concen: 33.804 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

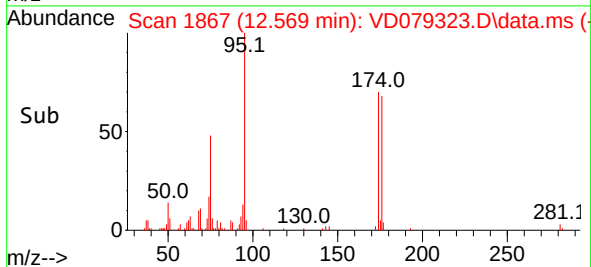
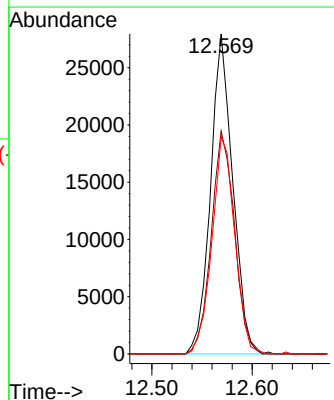
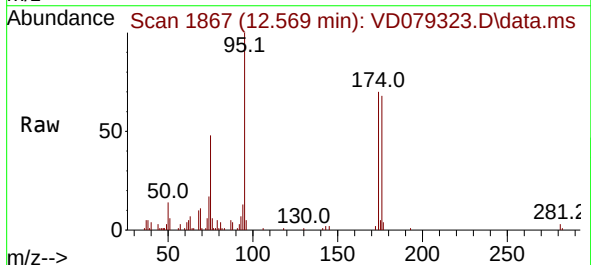
Instrument :
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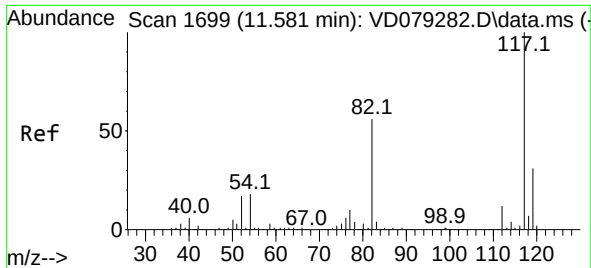
Tgt Ion: 98 Resp: 190023
Ion Ratio Lower Upper
98 100
100 61.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 23.827 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

Tgt Ion: 95 Resp: 42951
Ion Ratio Lower Upper
95 100
174 73.0 0.0 195.4
176 69.8 0.0 192.6

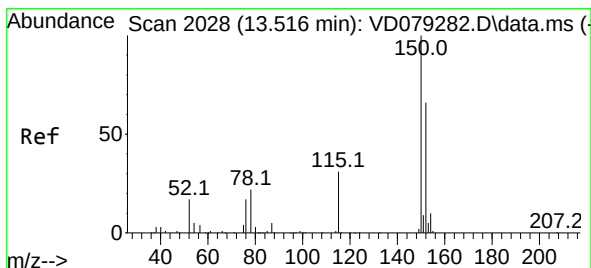
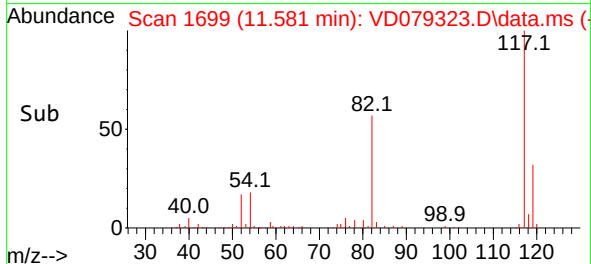
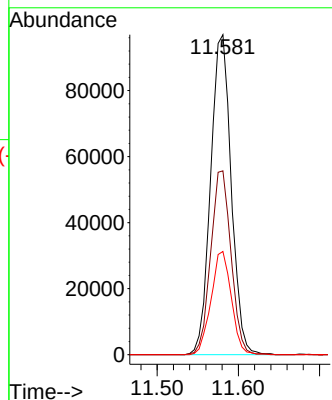
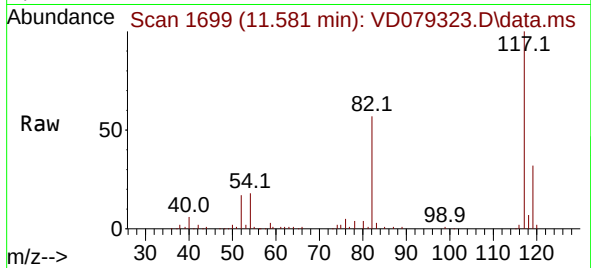




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

Instrument :
MSVOA_D
ClientSampleId :
VOCRE

Tgt Ion:117 Resp: 170546
Ion Ratio Lower Upper
117 100
82 57.5 39.8 59.6
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

Tgt Ion:152 Resp: 35890
Ion Ratio Lower Upper
152 100
115 61.3 26.5 79.5
150 155.1 0.0 341.6

