

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079694.D
 Acq On : 09 Aug 2024 15:40
 Operator : RP/MD
 Sample : P3526-03
 Misc : 5.26G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-GRAB

Quant Time: Aug 10 02:11:01 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	207826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	417800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95076	45.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.060%
35) Dibromofluoromethane	7.799	113	107597	38.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.100%
50) Toluene-d8	10.269	98	376422	34.277	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.560%
62) 4-Bromofluorobenzene	12.569	95	75129	23.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.280%

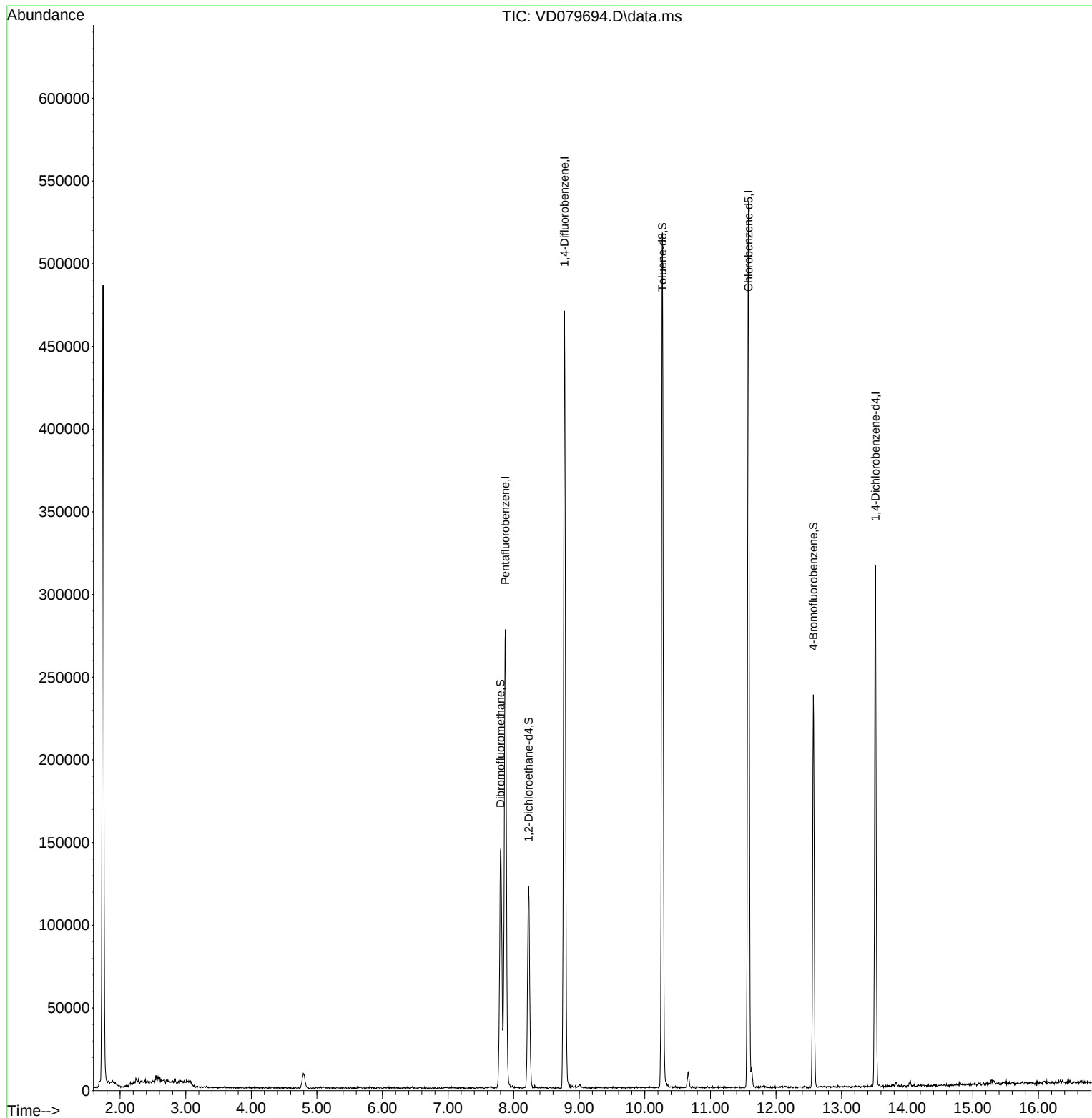
Target Compounds	Qvalue

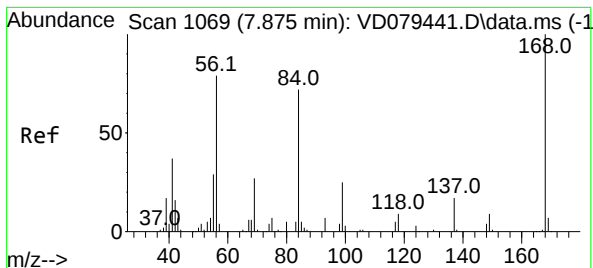
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079694.D

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Instrument :

MSVOA_D

ClientSampleId :

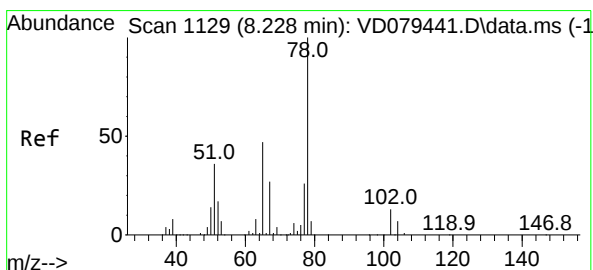
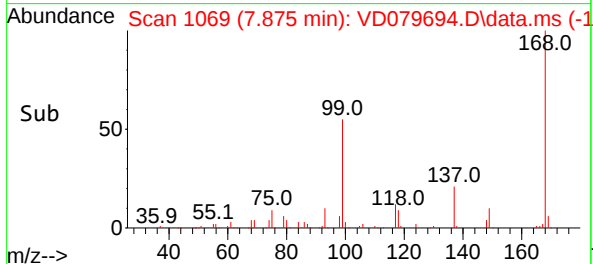
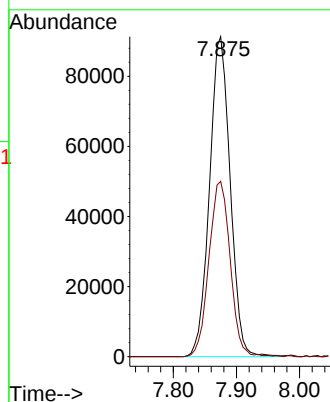
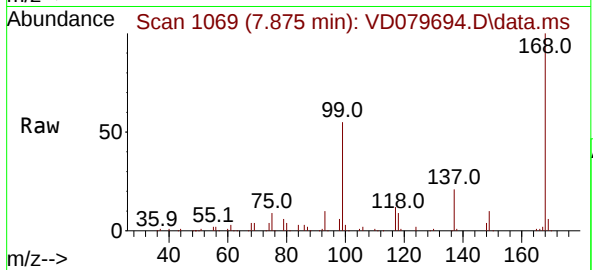
SP-1-GRAB

Tgt Ion:168 Resp: 207826

Ion Ratio Lower Upper

168 100

99 54.8 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 45.032 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079694.D

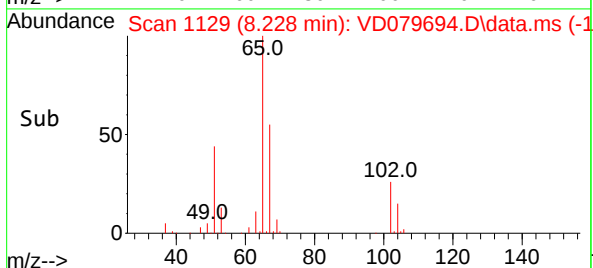
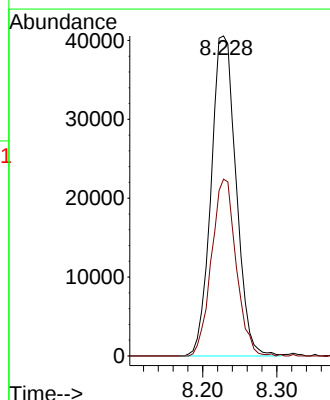
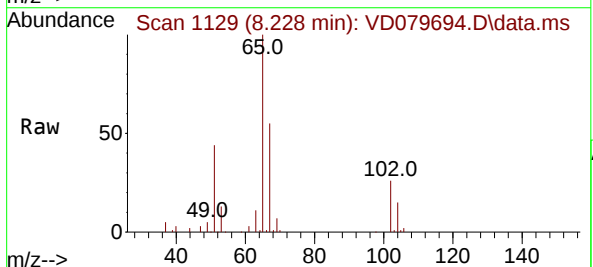
Acq: 09 Aug 2024 15:40

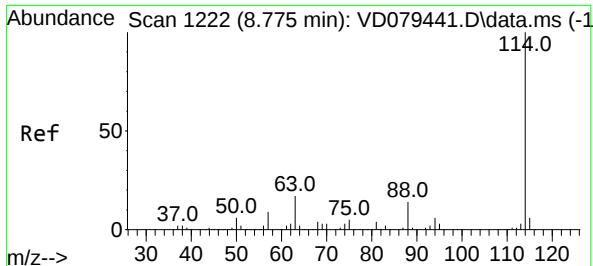
Tgt Ion: 65 Resp: 95076

Ion Ratio Lower Upper

65 100

67 54.5 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: VD079694.D

Acq: 09 Aug 2024 15:40

Instrument :

MSVOA_D

ClientSampleId :

SP-1-GRAB

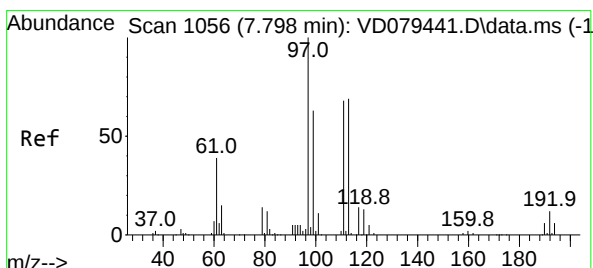
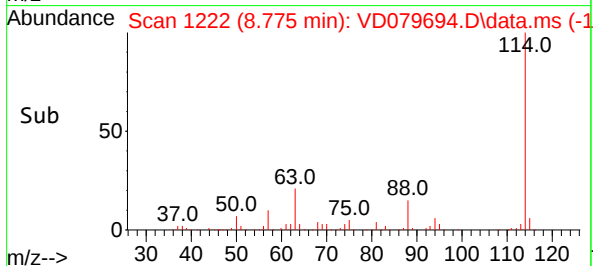
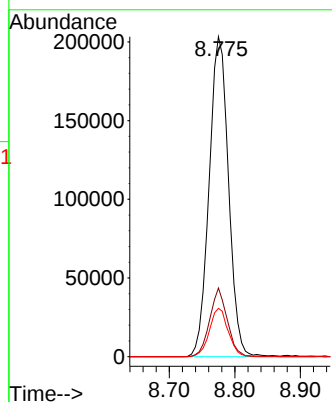
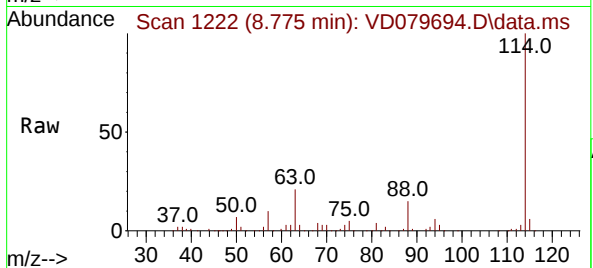
Tgt Ion:114 Resp: 417800

Ion Ratio Lower Upper

114 100

63 21.4 0.0 34.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 38.049 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079694.D

Acq: 09 Aug 2024 15:40

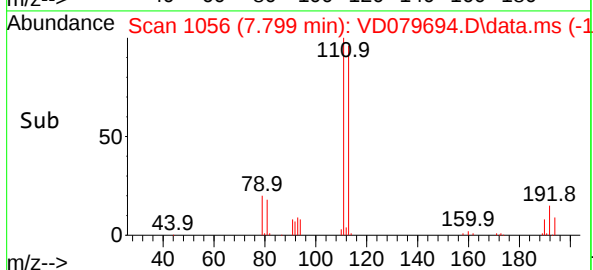
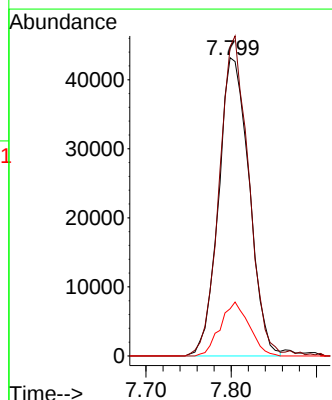
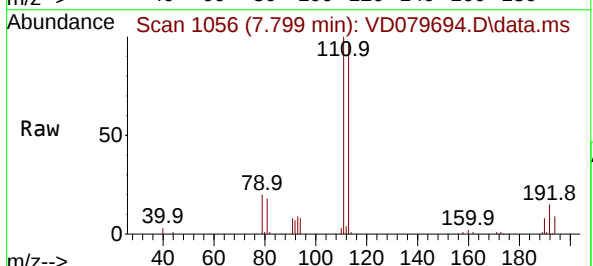
Tgt Ion:113 Resp: 107597

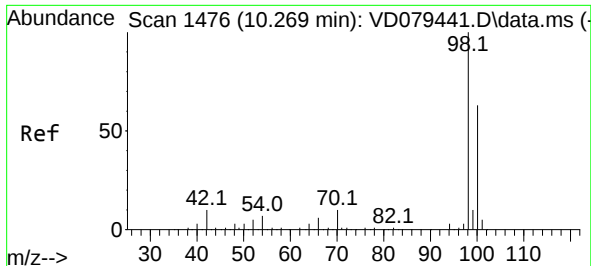
Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 17.1 15.4 23.0

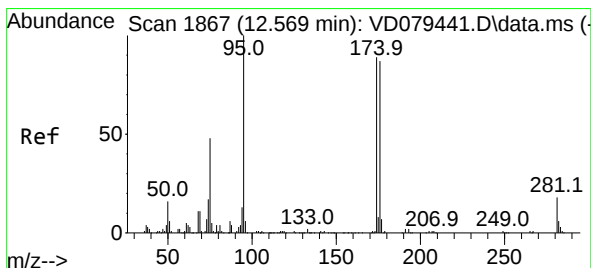
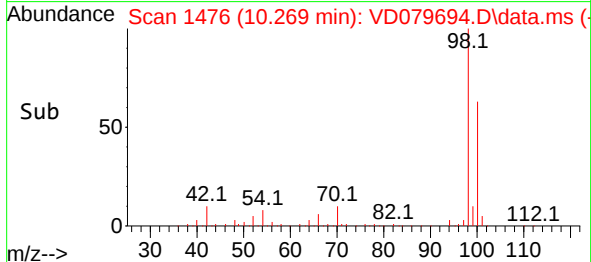
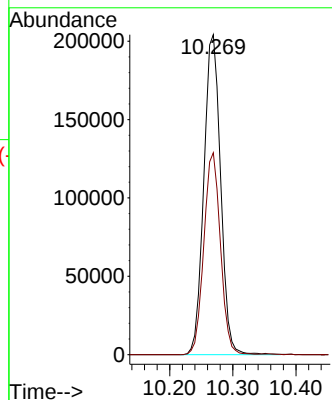
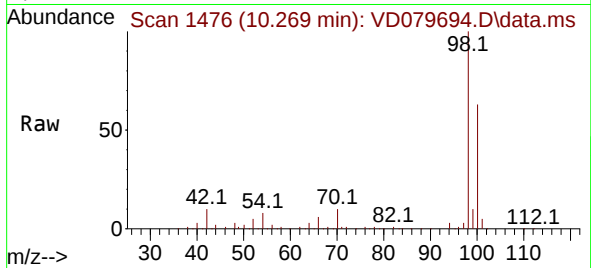




#50
Toluene-d8
Concen: 34.277 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079694.D
Acq: 09 Aug 2024 15:40

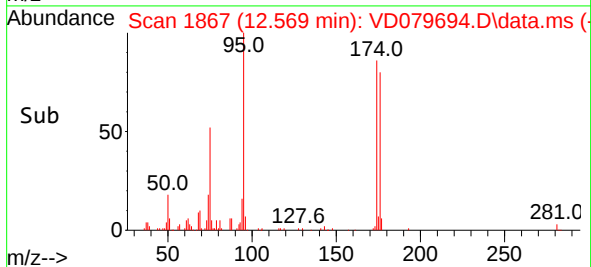
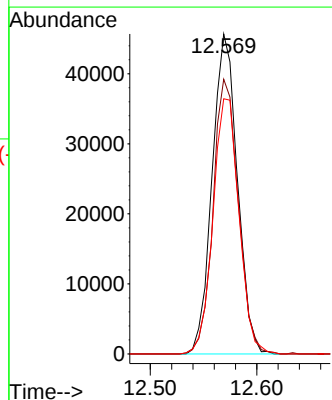
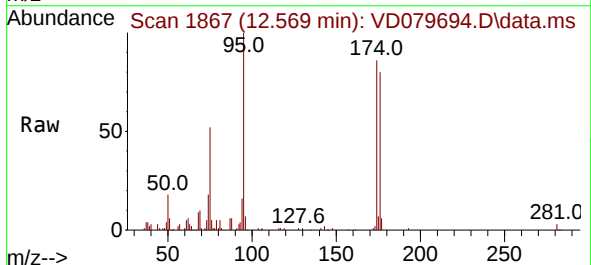
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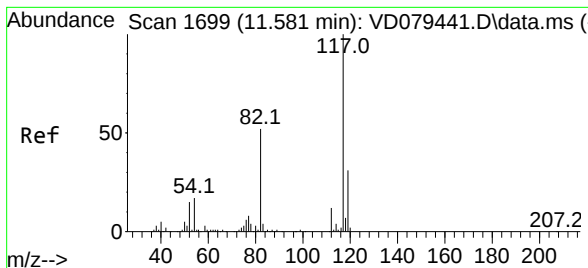
Tgt Ion: 98 Resp: 376422
Ion Ratio Lower Upper
98 100
100 62.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 23.641 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079694.D
Acq: 09 Aug 2024 15:40

Tgt Ion: 95 Resp: 75129
Ion Ratio Lower Upper
95 100
174 85.8 0.0 195.4
176 82.3 0.0 192.6

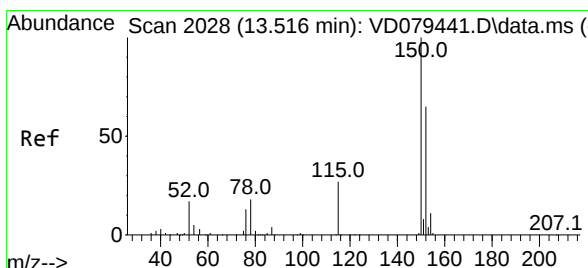
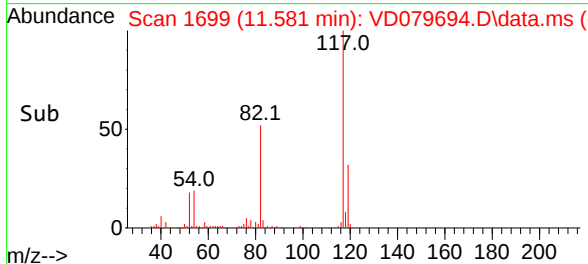
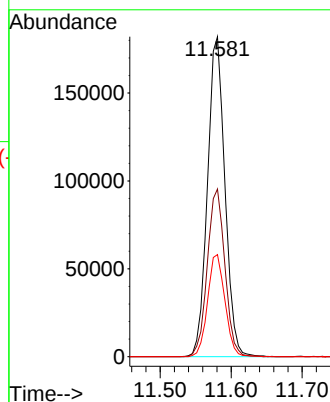
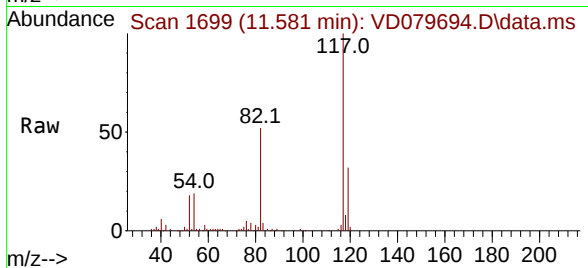




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079694.D
Acq: 09 Aug 2024 15:40

Instrument :
MSVOA_D
ClientSampleId :
SP-1-GRAB

Tgt Ion:117 Resp: 310727
Ion Ratio Lower Upper
117 100
82 52.4 39.8 59.6
119 31.9 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: VD079694.D
Acq: 09 Aug 2024 15:40

Tgt Ion:152 Resp: 84896
Ion Ratio Lower Upper
152 100
115 56.2 26.5 79.5
150 157.4 0.0 341.6

