

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079495.D
 Acq On : 31 Jul 2024 14:33
 Operator : RP/MD
 Sample : P3376-13RE
 Misc : 4.83G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-VOCRE

Quant Time: Jul 31 16:03:04 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	136511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	218733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	124111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	17842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91628	66.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.140%
35) Dibromofluoromethane	7.799	113	98191	66.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.640%
50) Toluene-d8	10.269	98	254663	44.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.569	95	27927	16.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	33.580%

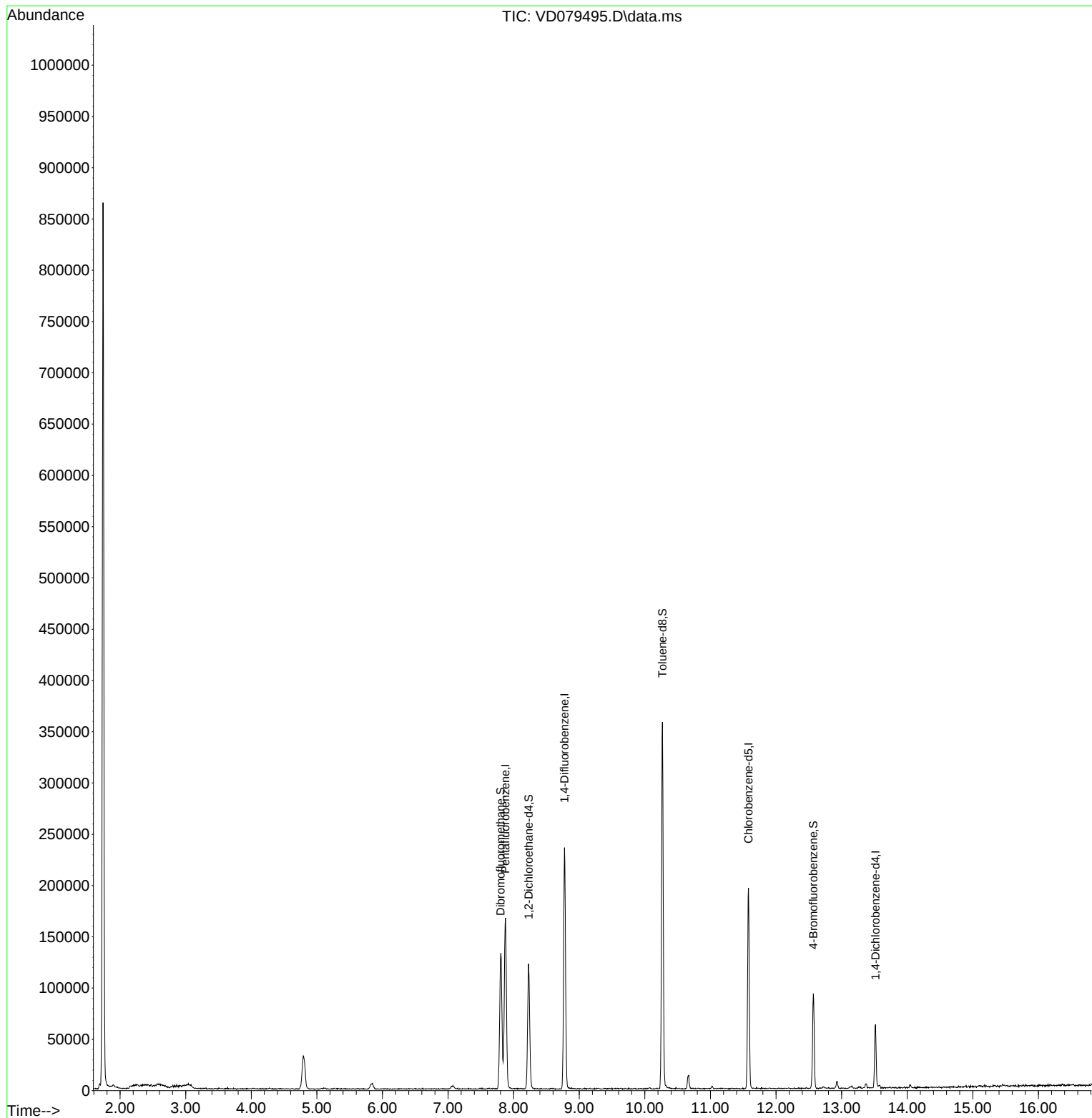
Target Compounds	Qvalue

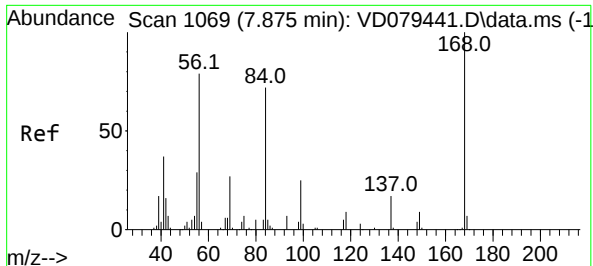
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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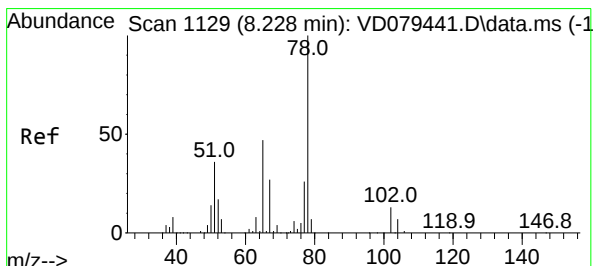
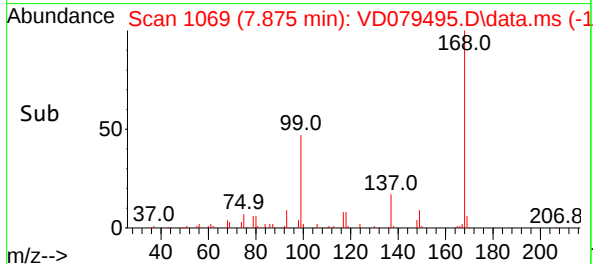
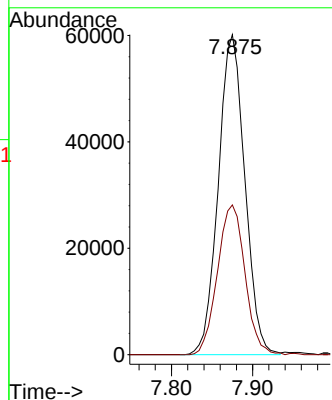
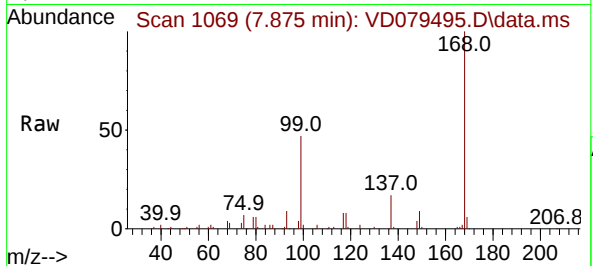




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

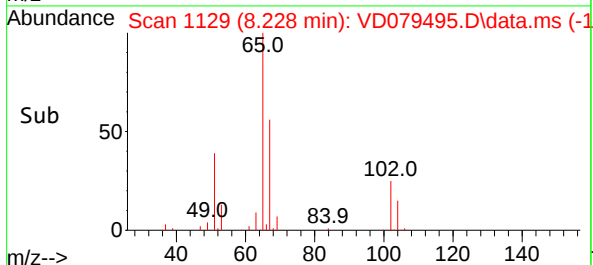
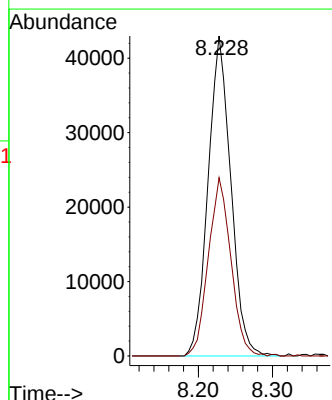
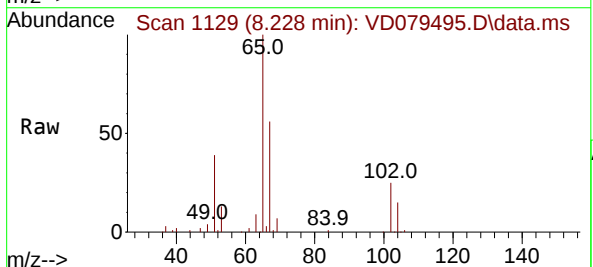
Instrument :
MSVOA_D
ClientSampleId :
WC-8-VOCRE

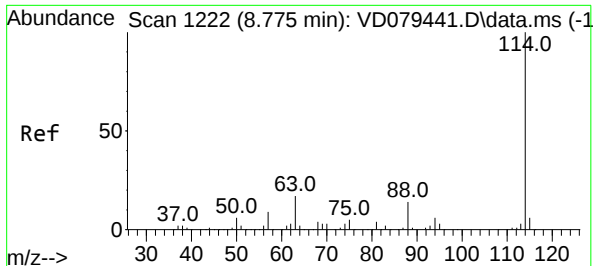
Tgt Ion:168 Resp: 136511
Ion Ratio Lower Upper
168 100
99 46.8 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 66.070 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Tgt Ion: 65 Resp: 91628
Ion Ratio Lower Upper
65 100
67 55.1 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: VD079495.D

Acq: 31 Jul 2024 14:33

Instrument :

MSVOA_D

ClientSampleId :

WC-8-VOCRE

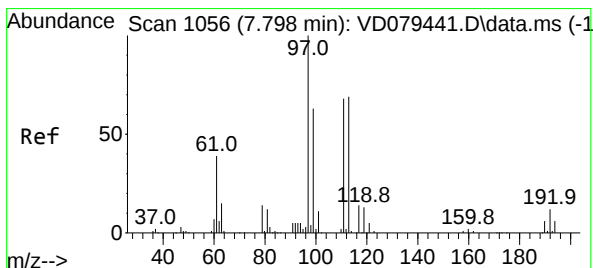
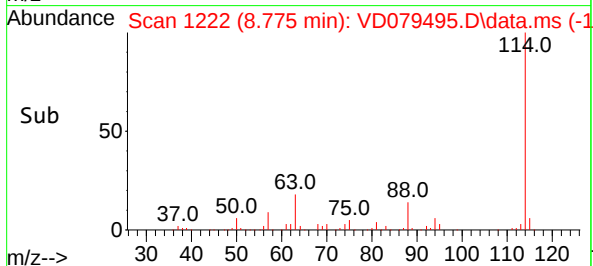
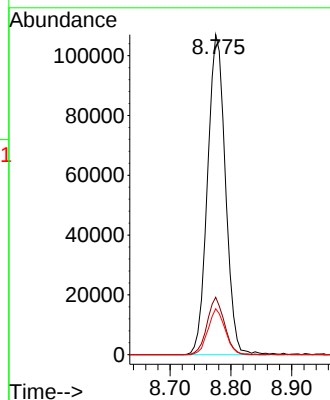
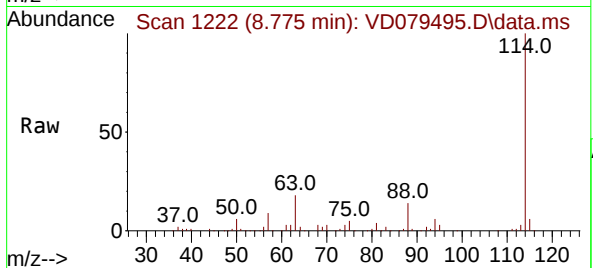
Tgt Ion:114 Resp: 218733

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 66.323 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079495.D

Acq: 31 Jul 2024 14:33

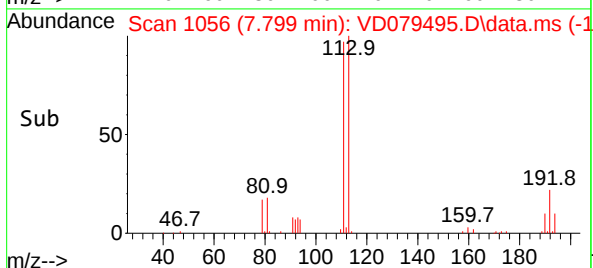
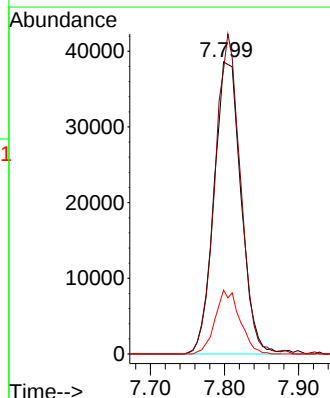
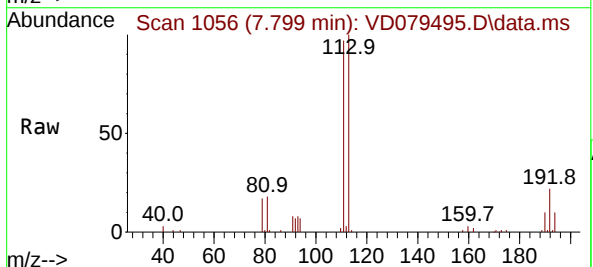
Tgt Ion:113 Resp: 98191

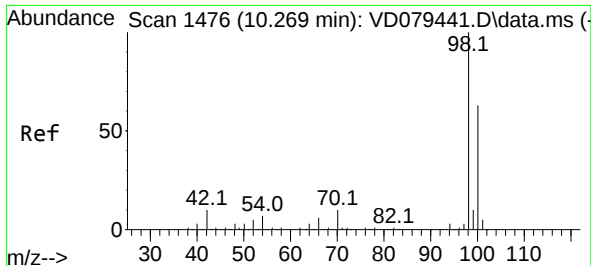
Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 19.9 15.4 23.0

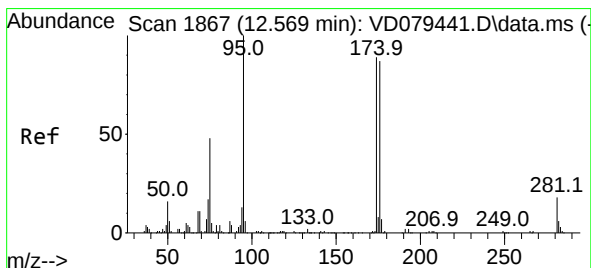
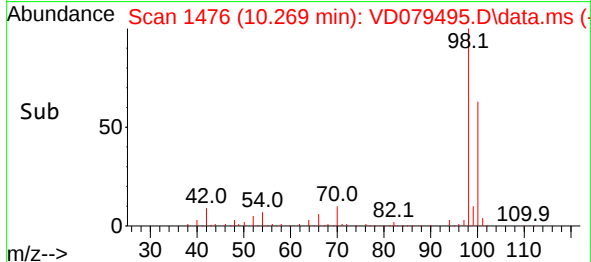
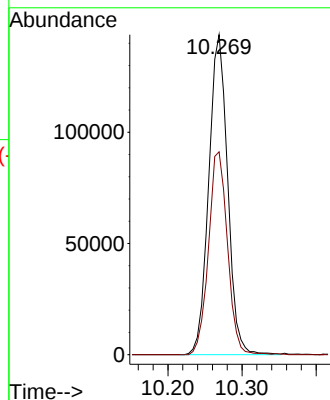
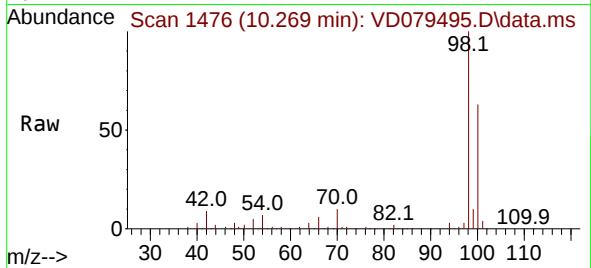




#50
Toluene-d8
Concen: 44.295 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

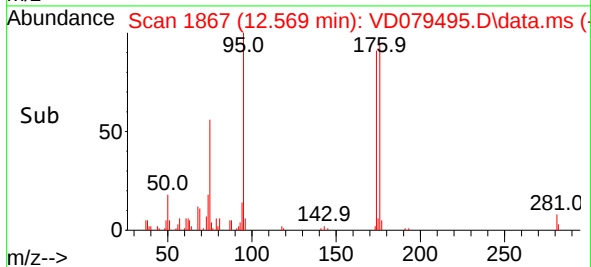
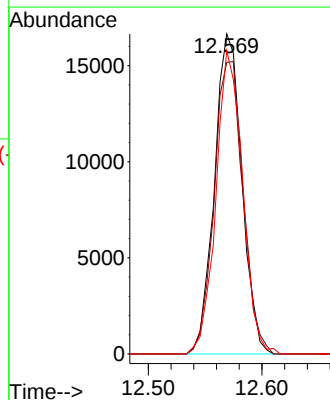
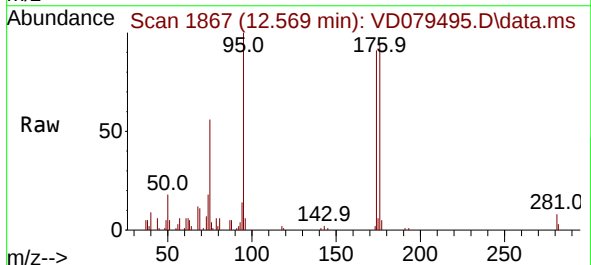
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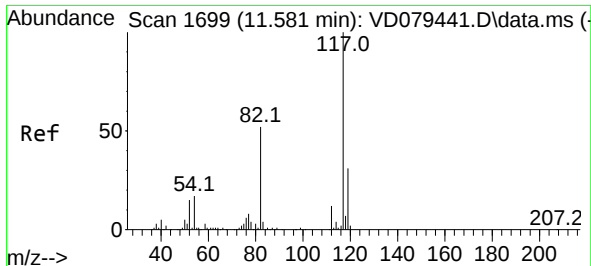
Tgt Ion: 98 Resp: 254663
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 16.786 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Tgt Ion: 95 Resp: 27927
Ion Ratio Lower Upper
95 100
174 96.1 0.0 195.4
176 92.0 0.0 192.6

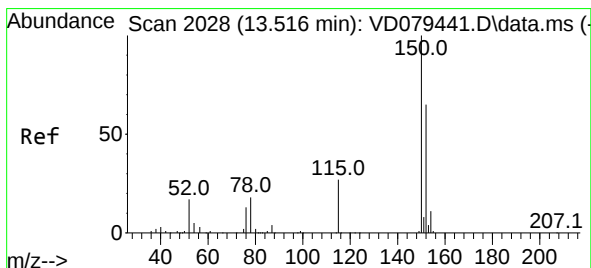
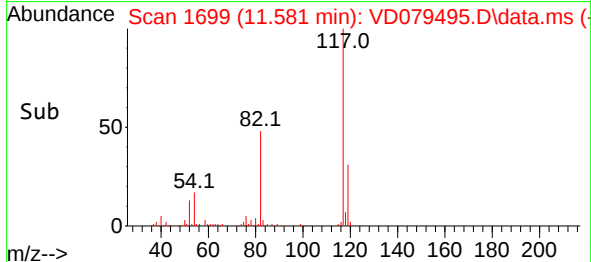
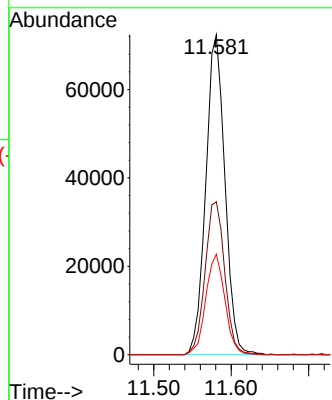
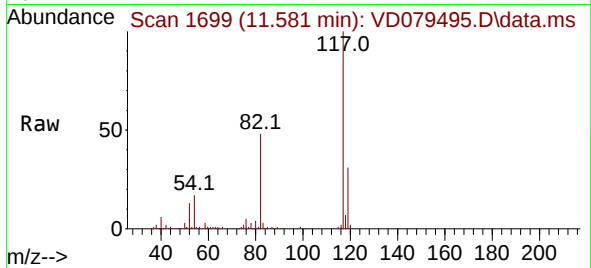




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Instrument :
MSVOA_D
ClientSampleId :
WC-8-VOCRE

Tgt Ion:117 Resp: 124111
Ion Ratio Lower Upper
117 100
82 47.8 39.8 59.6
119 31.4 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: VD079495.D
Acq: 31 Jul 2024 14:33

Tgt Ion:152 Resp: 17842
Ion Ratio Lower Upper
152 100
115 53.4 26.5 79.5
150 159.3 0.0 341.6

