

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078745.D
 Acq On : 22 Mar 2024 16:16
 Operator : RP/MD
 Sample : P1842-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-03222024-A

Quant Time: Mar 22 23:21:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	19301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	34980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	34801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	14375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	13144	72.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.340%
35) Dibromofluoromethane	7.804	113	14408	63.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.940%
50) Toluene-d8	10.269	98	41898	50.584	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.574	95	10845	44.755	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.520%

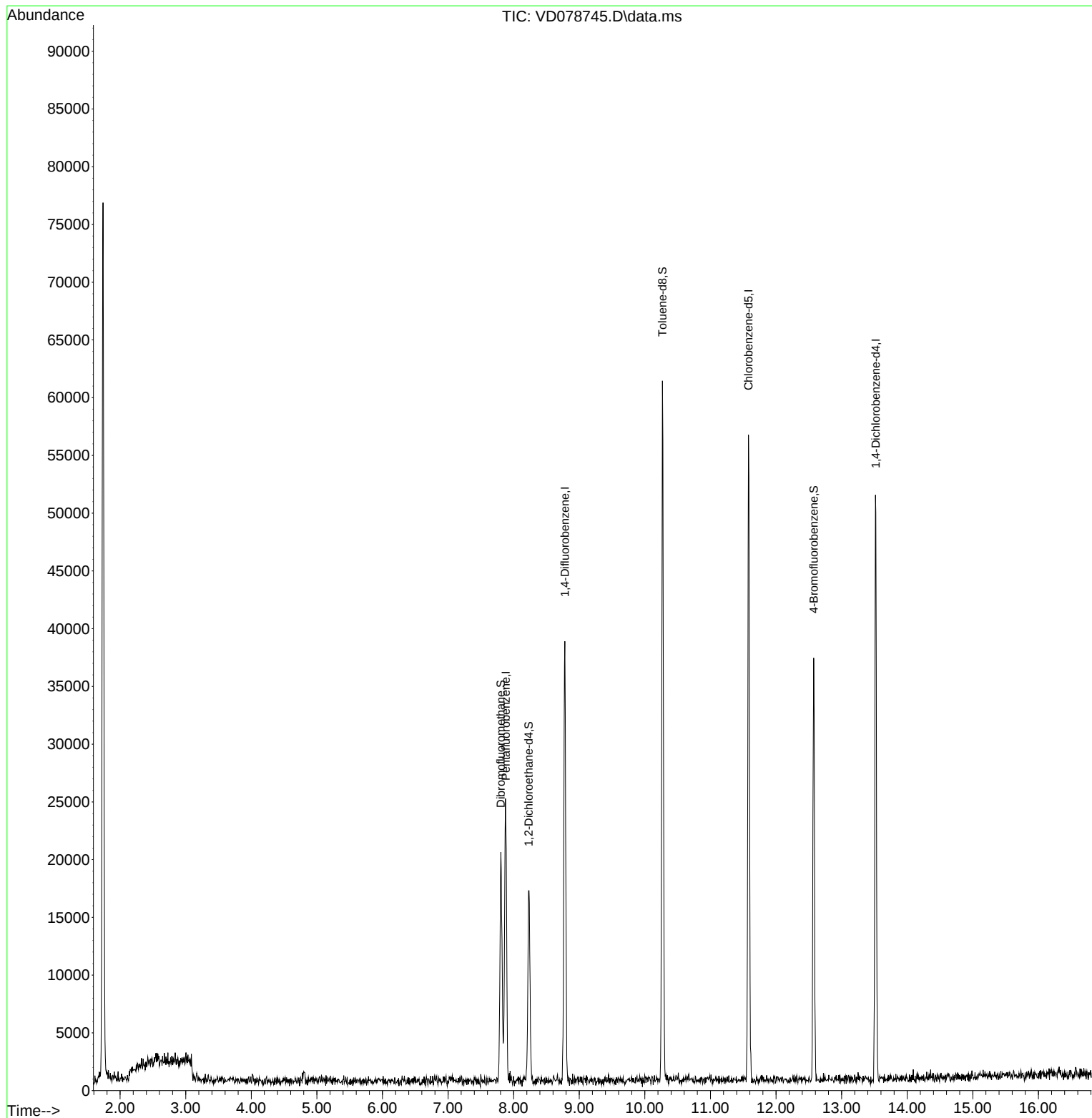
Target Compounds	Qvalue

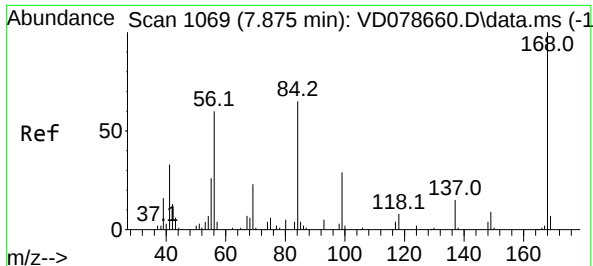
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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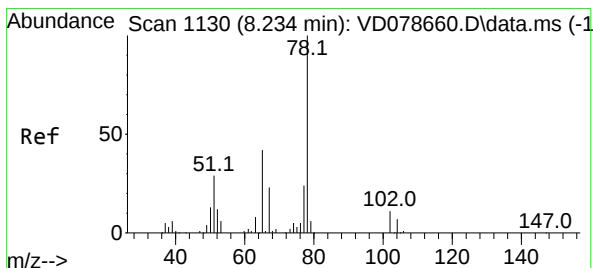
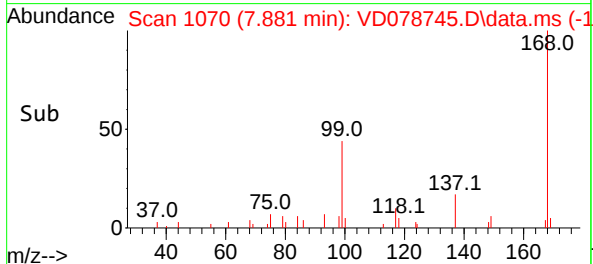
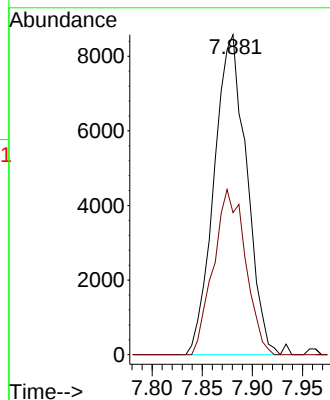
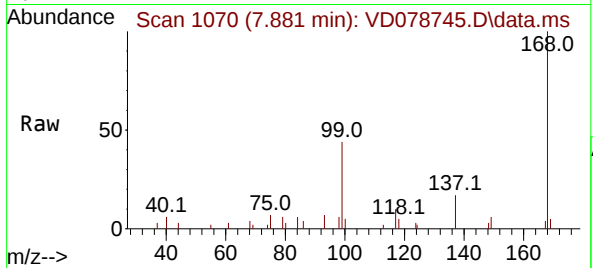




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

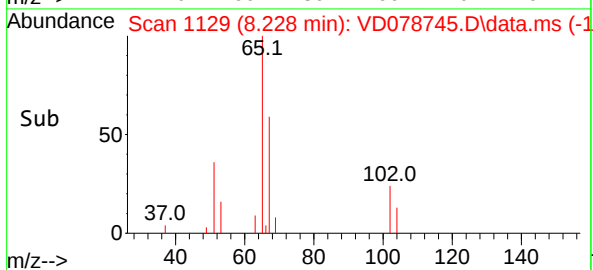
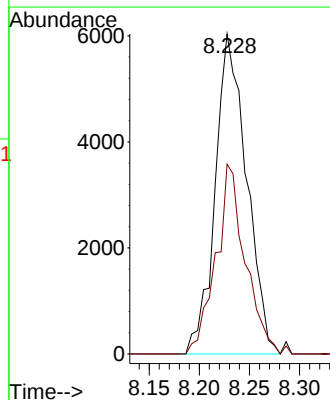
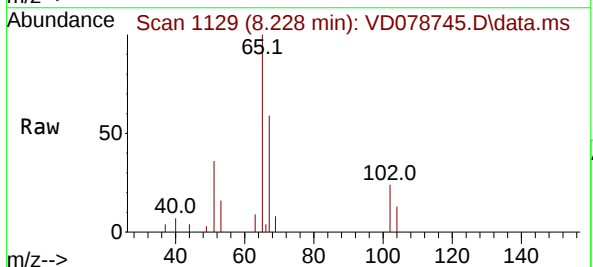
Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-A

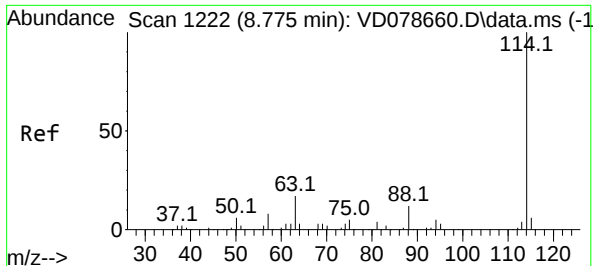
Tgt Ion:168 Resp: 19301
Ion Ratio Lower Upper
168 100
99 44.4 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 72.666 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

Tgt Ion: 65 Resp: 13144
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD078745.D

Acq: 22 Mar 2024 16:16

Instrument :

MSVOA_D

ClientSampleId :

EO-01-03222024-A

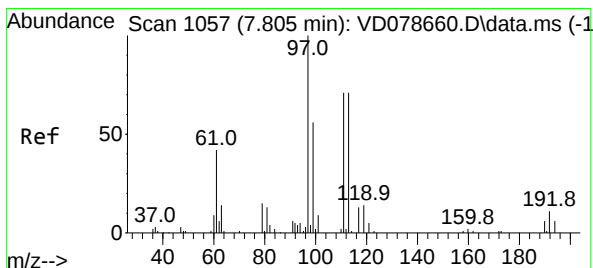
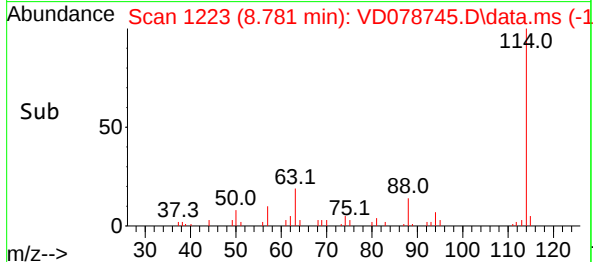
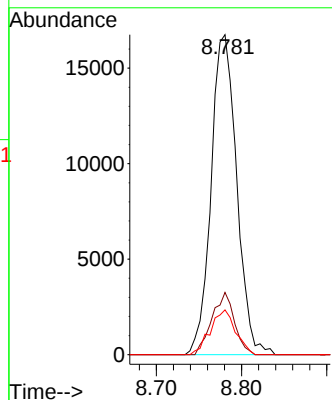
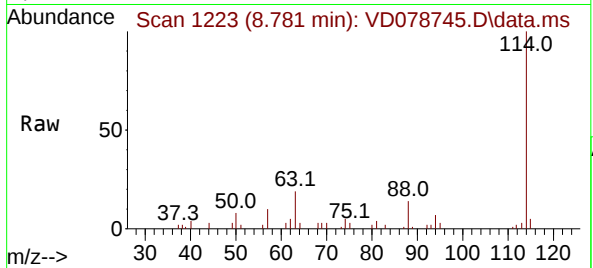
Tgt Ion:114 Resp: 34980

Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

88 14.0 0.0 24.6



#35

Dibromofluoromethane

Concen: 63.974 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078745.D

Acq: 22 Mar 2024 16:16

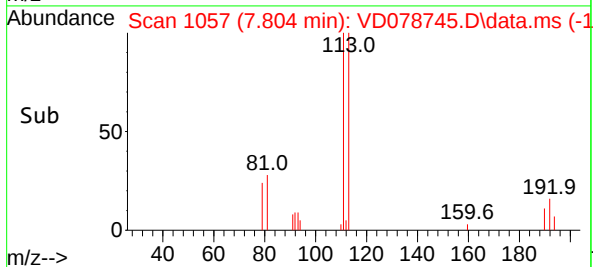
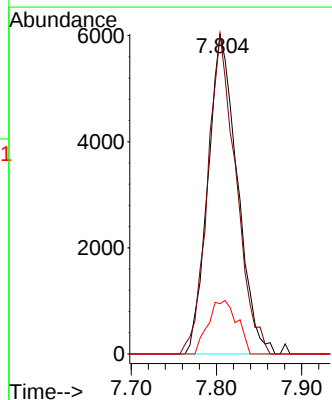
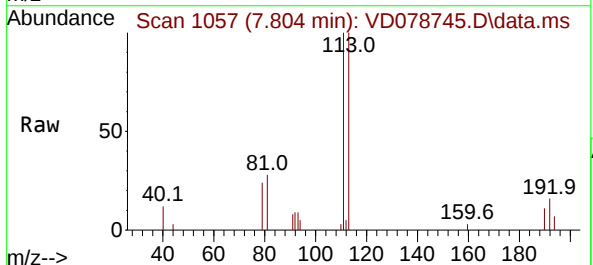
Tgt Ion:113 Resp: 14408

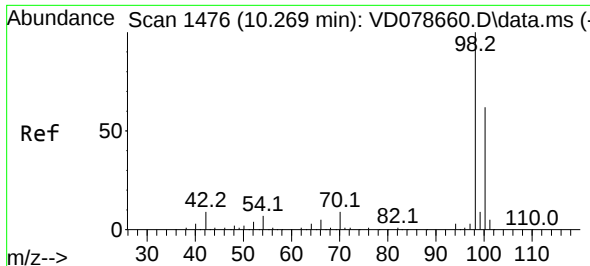
Ion Ratio Lower Upper

113 100

111 97.1 81.9 122.9

192 16.5 15.4 23.0

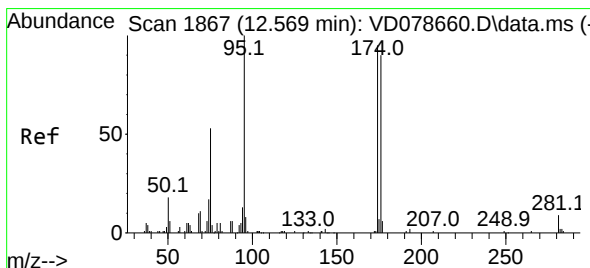
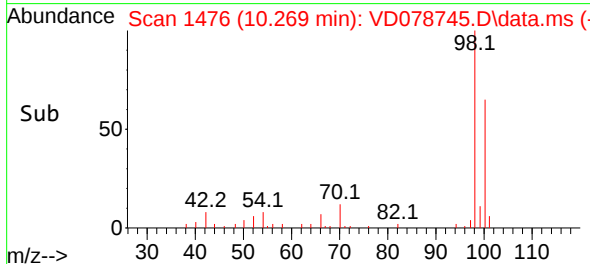
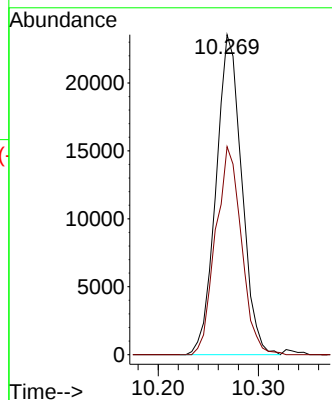
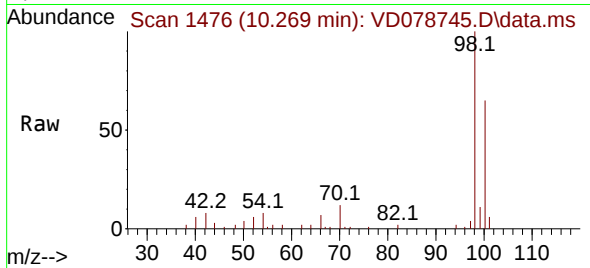




#50
Toluene-d8
Concen: 50.584 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

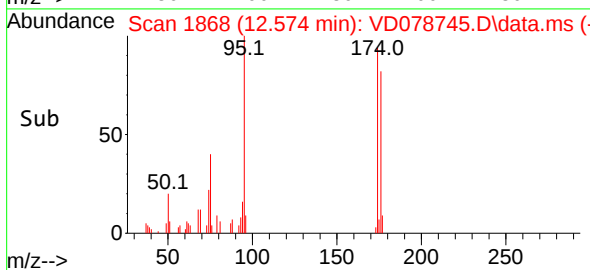
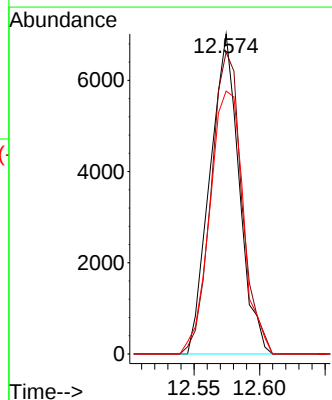
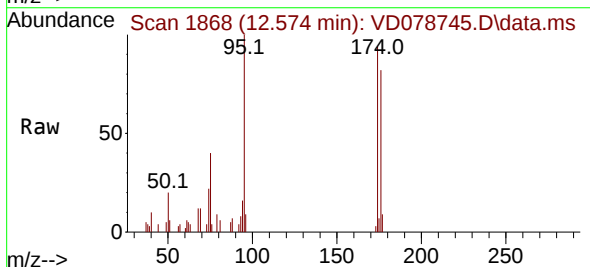
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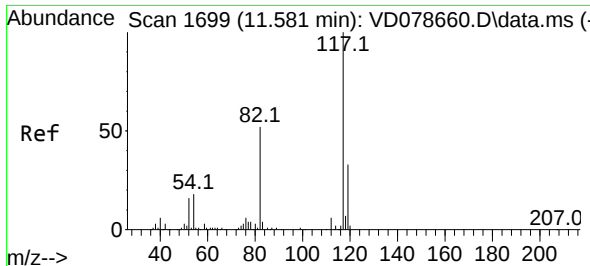
Tgt Ion: 98 Resp: 41898
Ion Ratio Lower Upper
98 100
100 65.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.755 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.005 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

Tgt Ion: 95 Resp: 10845
Ion Ratio Lower Upper
95 100
174 99.4 0.0 195.2
176 93.8 0.0 188.2

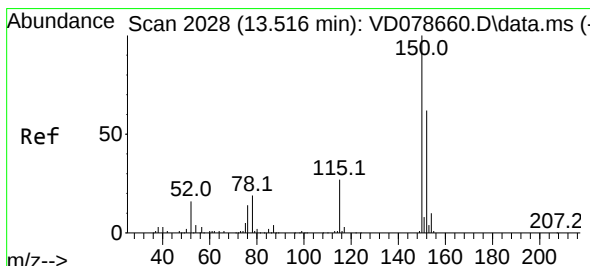
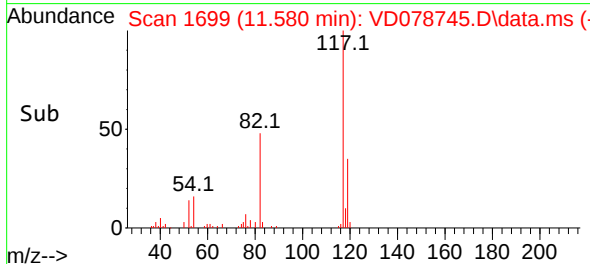
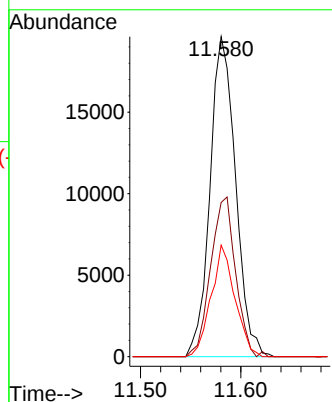
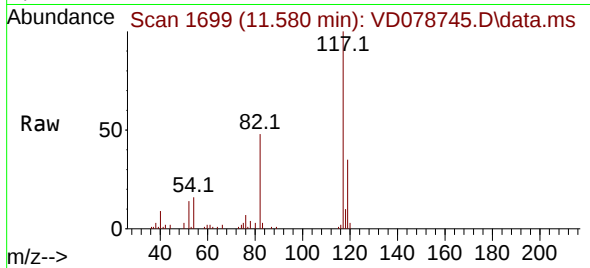




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-A

Tgt Ion:117 Resp: 34801
Ion Ratio Lower Upper
117 100
82 48.2 41.4 62.2
119 34.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.005 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

Tgt Ion:152 Resp: 14375
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.2
150 159.6 0.0 350.2

