

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078785.D
 Acq On : 28 Mar 2024 20:09
 Operator : RP/MD
 Sample : P1879-11
 Misc : 4.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-03(0-6)

Quant Time: Mar 29 01:38:50 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	138752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	260859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	232526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67285	51.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.480%
35) Dibromofluoromethane	7.810	113	83349	49.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.260%
50) Toluene-d8	10.269	98	317916	51.469	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.575	95	72918	40.352	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.700%

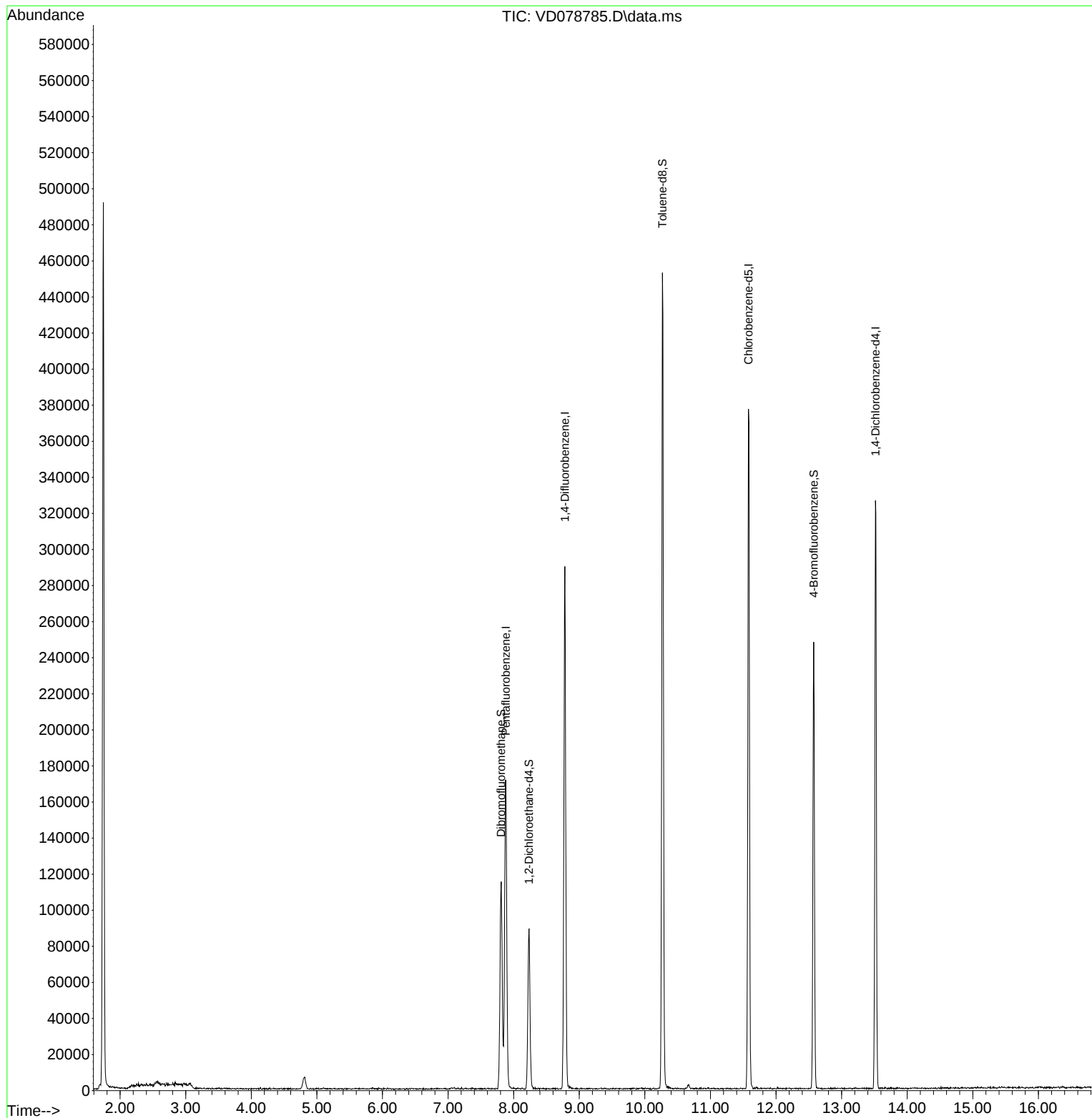
Target Compounds	Qvalue

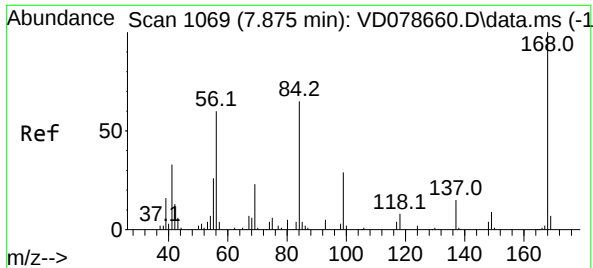
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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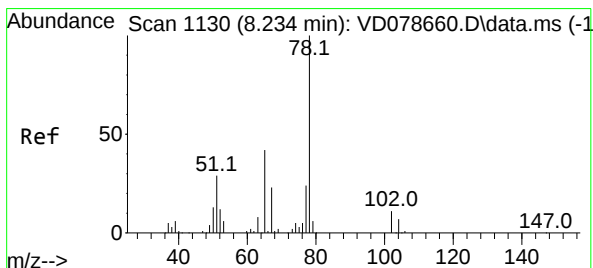
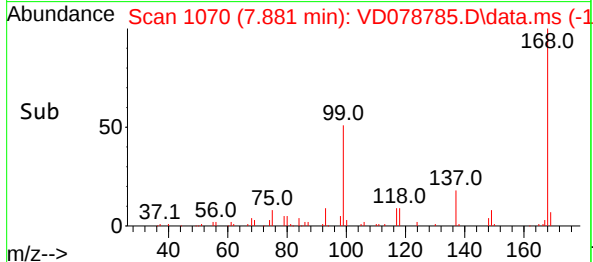
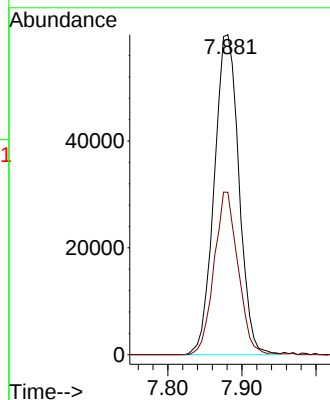
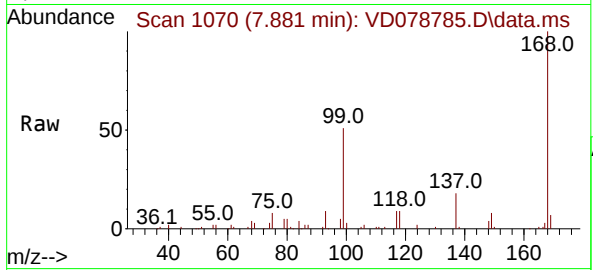




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078785.D
Acq: 28 Mar 2024 20:09

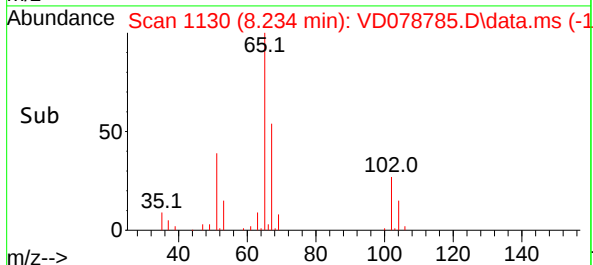
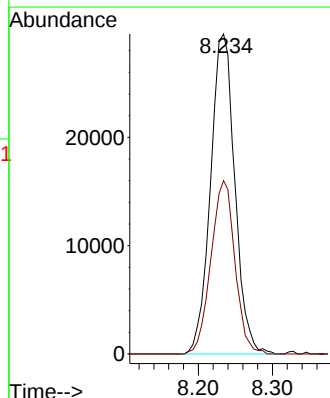
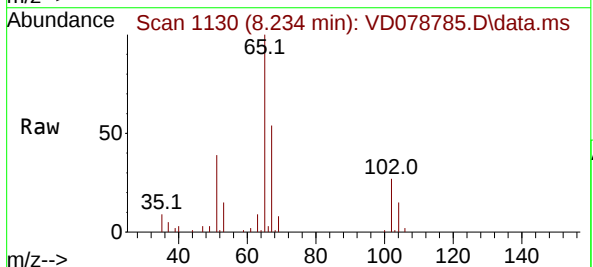
Instrument :
MSVOA_D
ClientSampleId :
HS-03(0-6)

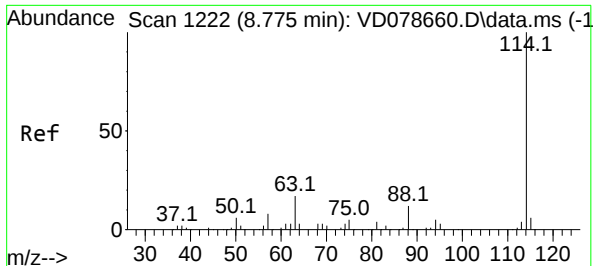
Tgt Ion:168 Resp: 138752
Ion Ratio Lower Upper
168 100
99 50.8 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 51.744 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078785.D
Acq: 28 Mar 2024 20:09

Tgt Ion: 65 Resp: 67285
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078785.D

Acq: 28 Mar 2024 20:09

Instrument :

MSVOA_D

ClientSampleId :

HS-03(0-6)

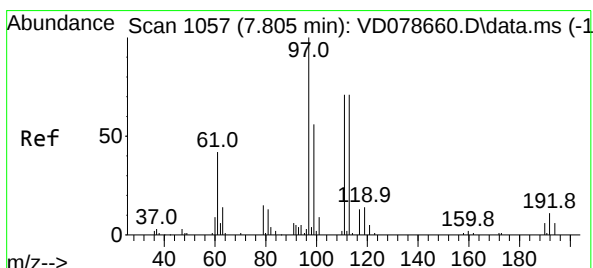
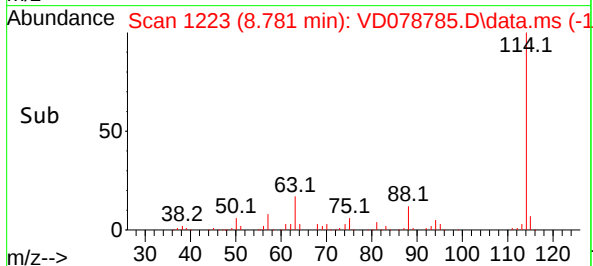
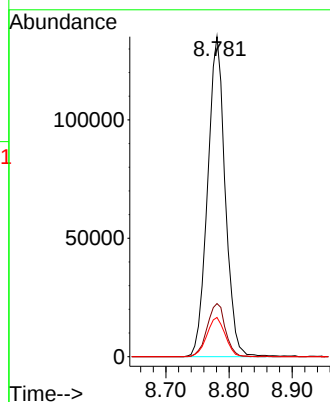
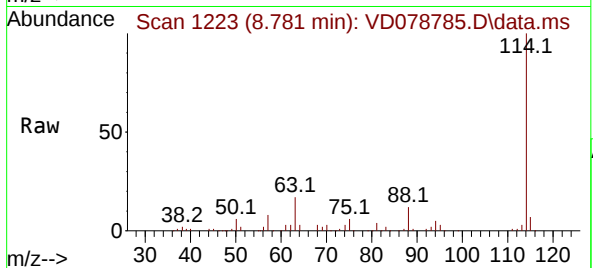
Tgt Ion:114 Resp: 260859

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 12.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 49.626 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078785.D

Acq: 28 Mar 2024 20:09

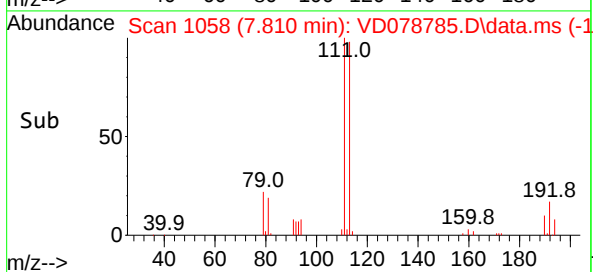
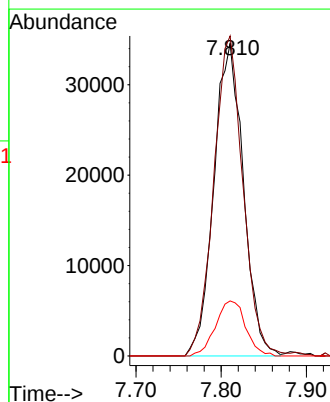
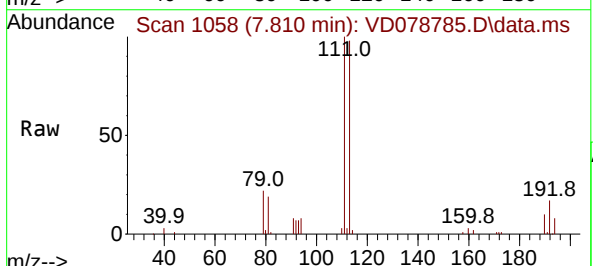
Tgt Ion:113 Resp: 83349

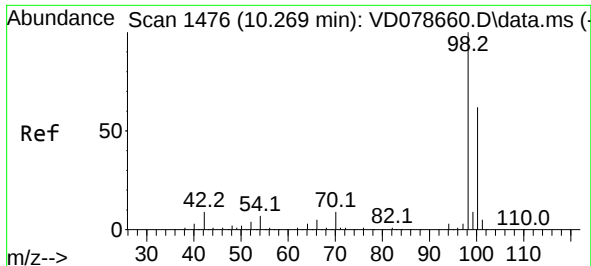
Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

192 17.9 15.4 23.0

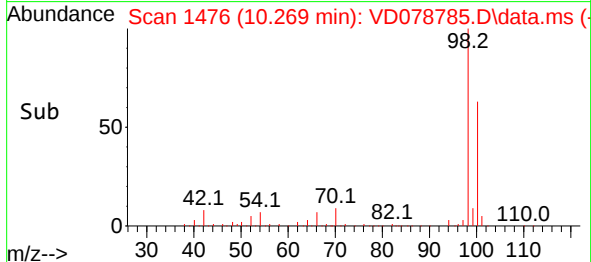
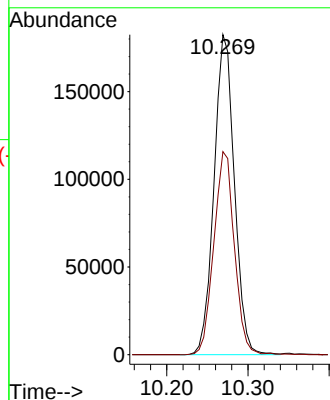
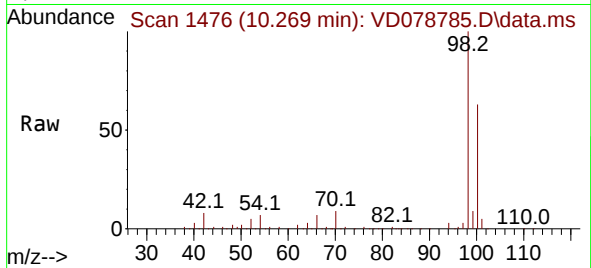




#50
Toluene-d8
Concen: 51.469 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078785.D
Acq: 28 Mar 2024 20:09

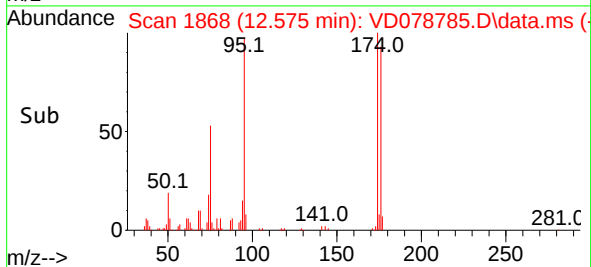
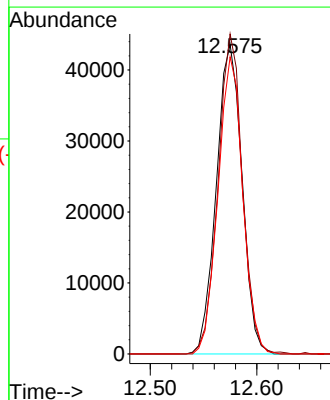
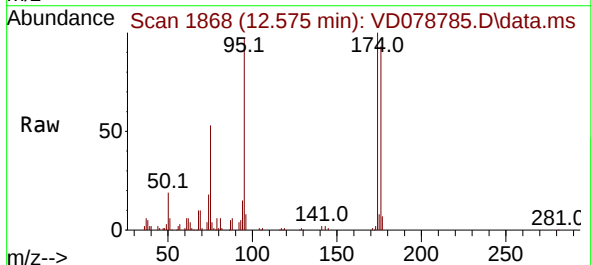
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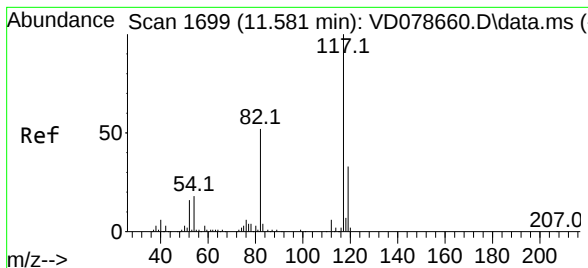
Tgt Ion: 98 Resp: 317916
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 40.352 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078785.D
Acq: 28 Mar 2024 20:09

Tgt Ion: 95 Resp: 72918
Ion Ratio Lower Upper
95 100
174 98.2 0.0 195.2
176 92.5 0.0 188.2

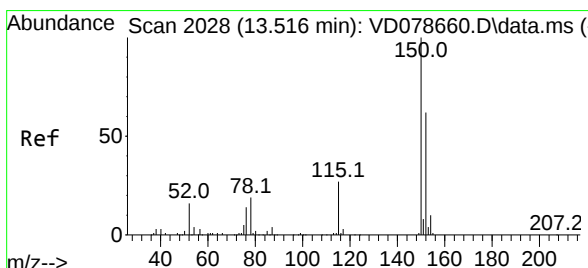
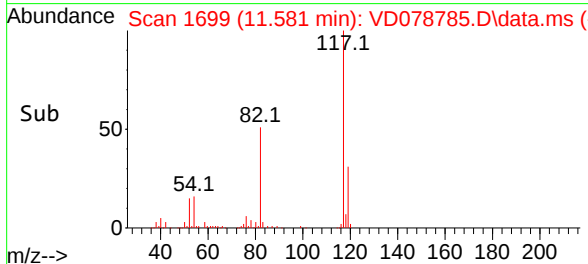
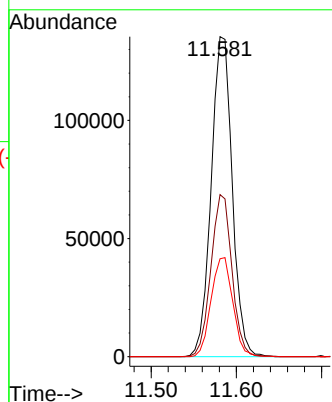
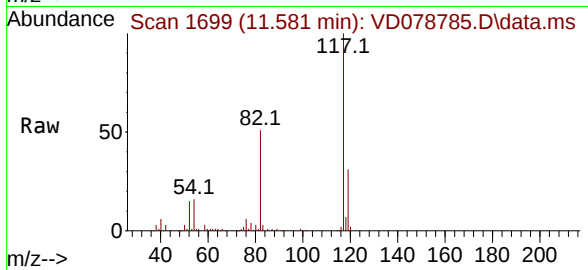




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078785.D
Acq: 28 Mar 2024 20:09

Instrument :
MSVOA_D
ClientSampleId :
HS-03(0-6)

Tgt Ion:117 Resp: 232526
Ion Ratio Lower Upper
117 100
82 50.7 41.4 62.2
119 30.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078785.D
Acq: 28 Mar 2024 20:09

Tgt Ion:152 Resp: 93005
Ion Ratio Lower Upper
152 100
115 53.3 27.1 81.2
150 155.2 0.0 350.2

