

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078793.D
 Acq On : 29 Mar 2024 14:59
 Operator : RP/MD
 Sample : P1879-09
 Misc : 3.71G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-01(0-6)

Quant Time: Mar 29 23:43:28 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	7.875	168	158210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	287661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	87877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71334	48.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.220%
35) Dibromofluoromethane	7.810	113	89128	48.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.269	98	346563	50.879	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.575	95	76452	38.365	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.740%

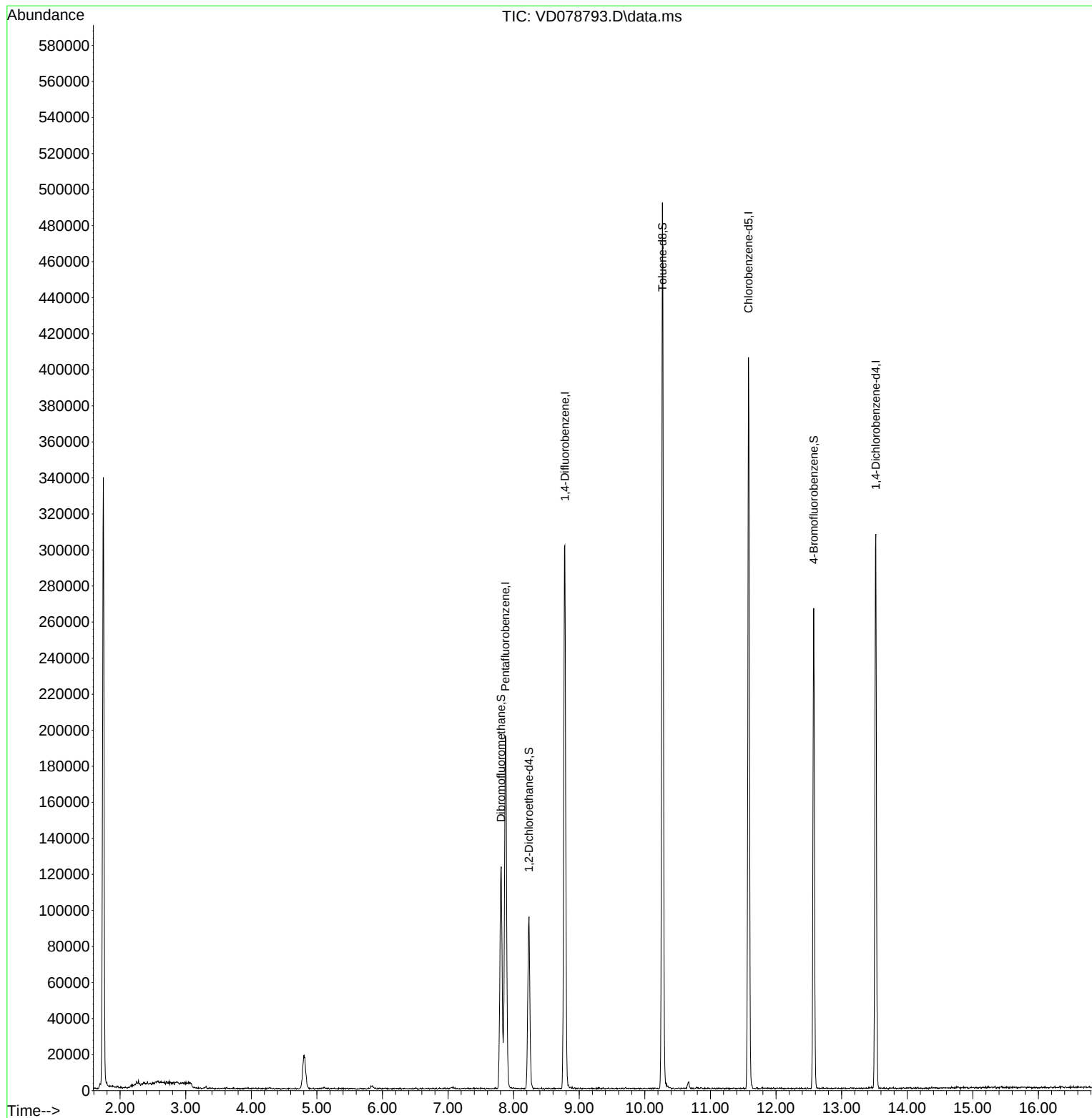
Target Compounds	Qvalue

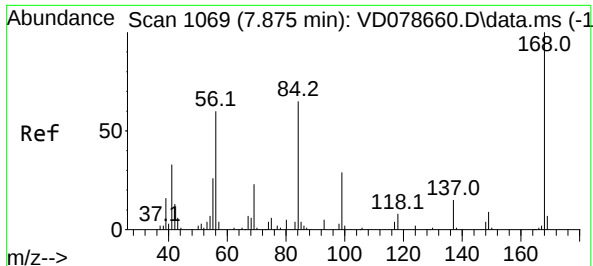
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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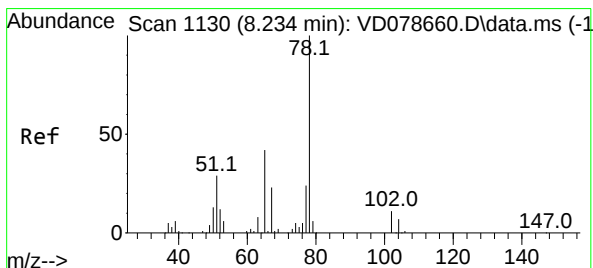
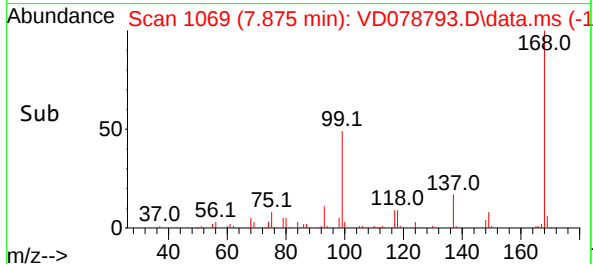
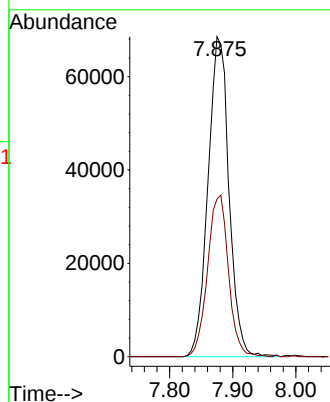
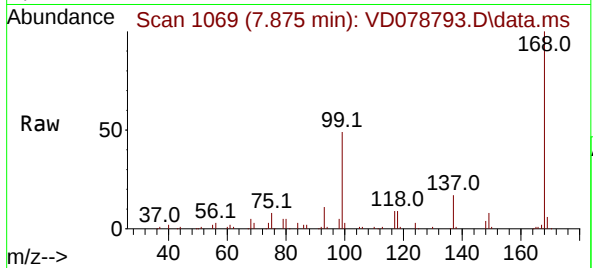




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

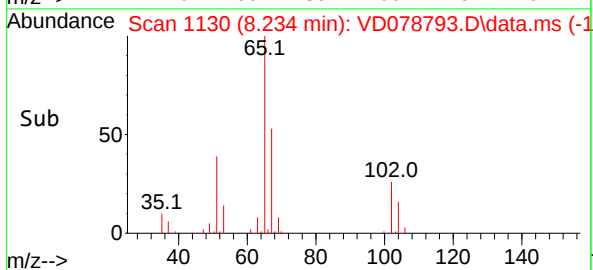
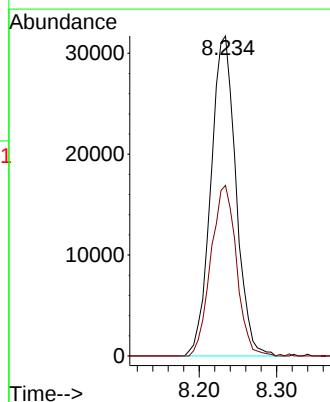
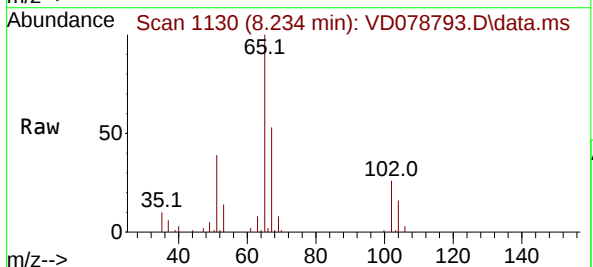
Instrument :
MSVOA_D
ClientSampleId :
HS-01(0-6)

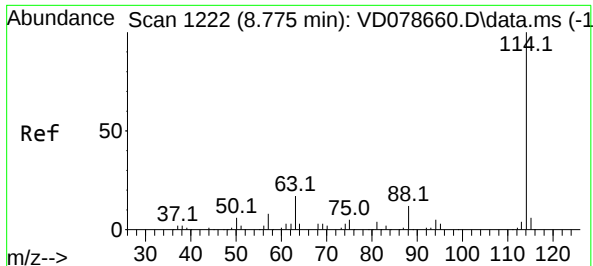
Tgt Ion:168 Resp: 158210
Ion Ratio Lower Upper
168 100
99 49.3 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 48.111 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

Tgt Ion: 65 Resp: 71334
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078793.D

Acq: 29 Mar 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

HS-01(0-6)

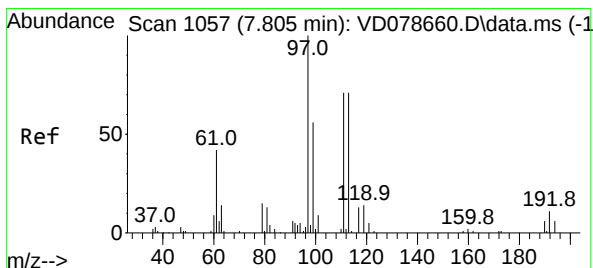
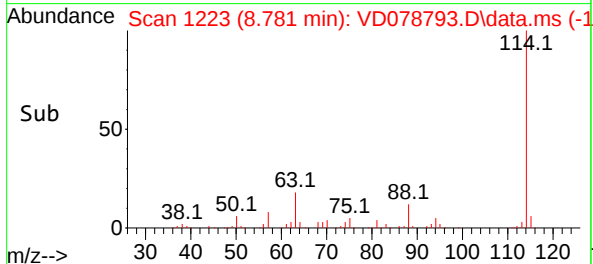
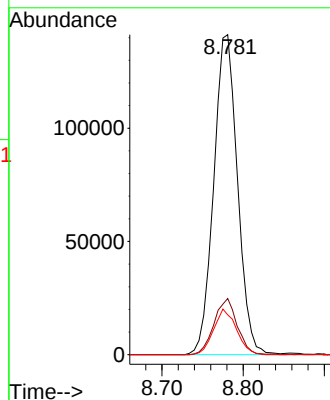
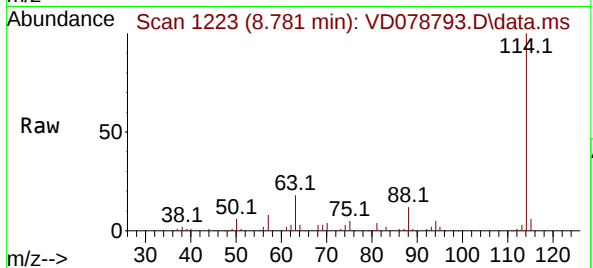
Tgt Ion:114 Resp: 287661

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 12.5 0.0 24.6



#35

Dibromofluoromethane

Concen: 48.123 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078793.D

Acq: 29 Mar 2024 14:59

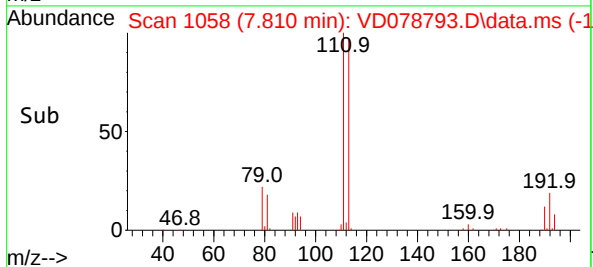
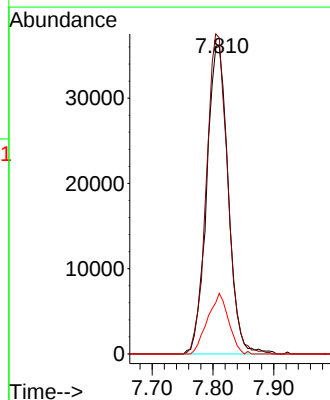
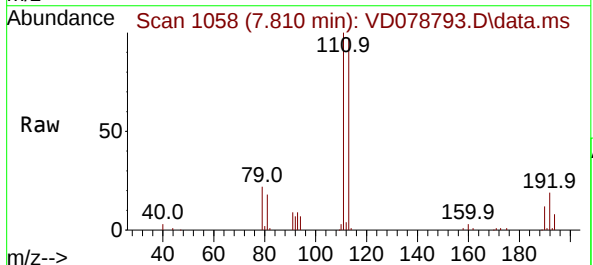
Tgt Ion:113 Resp: 89128

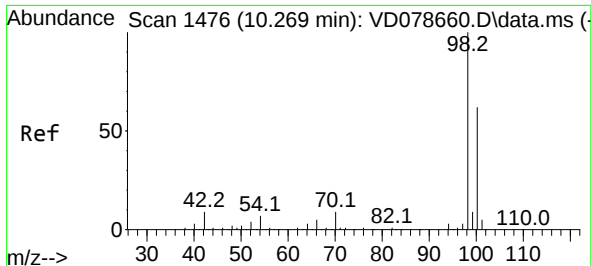
Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 19.1 15.4 23.0

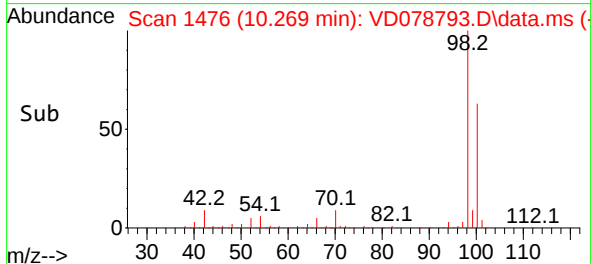
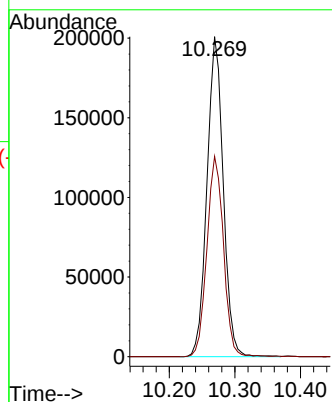
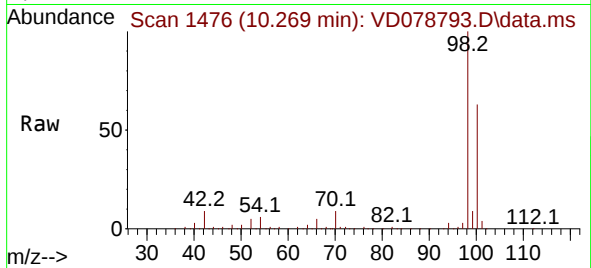




#50
Toluene-d8
Concen: 50.879 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

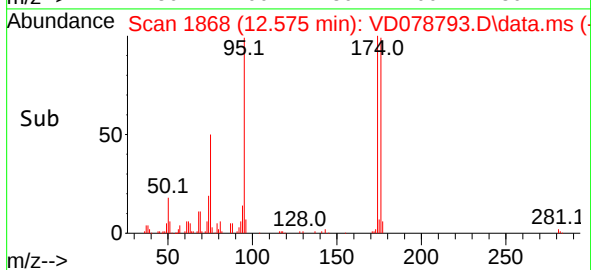
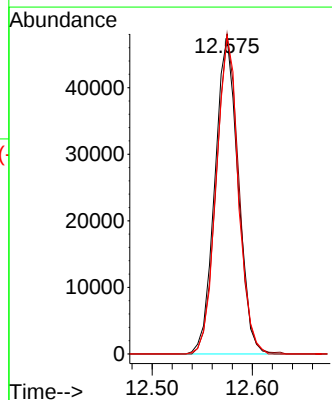
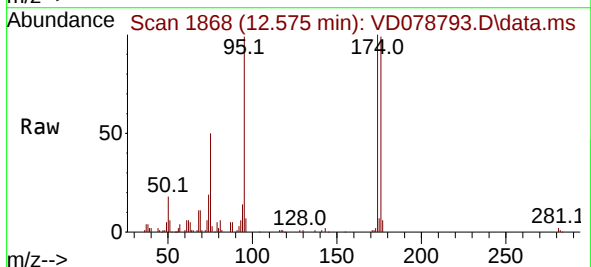
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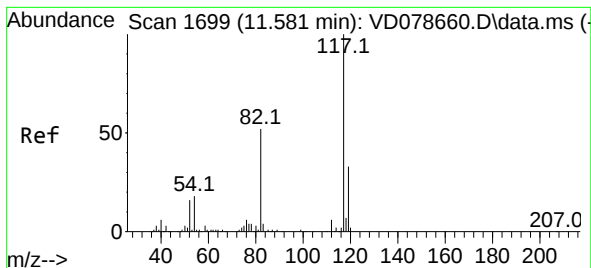
Tgt Ion: 98 Resp: 346563
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 38.365 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

Tgt Ion: 95 Resp: 76452
Ion Ratio Lower Upper
95 100
174 97.0 0.0 195.2
176 95.7 0.0 188.2

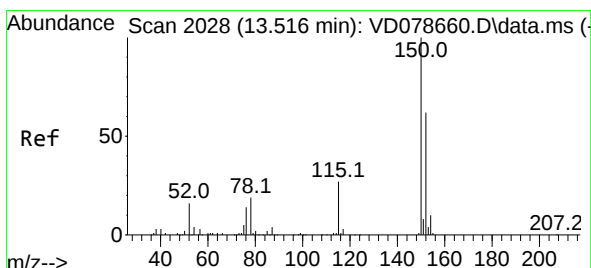
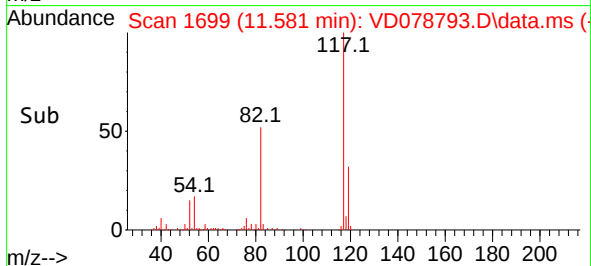
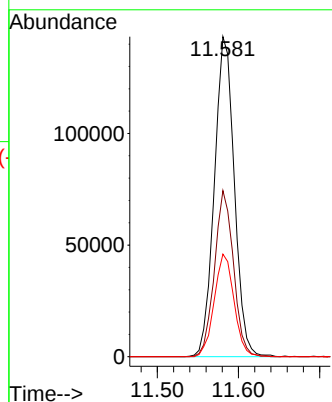
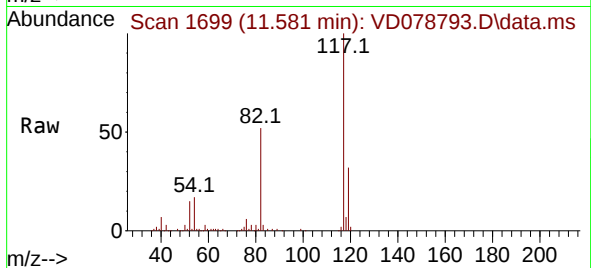




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
HS-01(0-6)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.4	62.2
119	32.1	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078793.D
Acq: 29 Mar 2024 14:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.2
150	155.4	0.0	350.2

