

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078795.D
 Acq On : 29 Mar 2024 15:54
 Operator : RP/MD
 Sample : P1915-03
 Misc : 4.76G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A-GRAB

Quant Time: Mar 29 23:44:07 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	147720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	273440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	96419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68302	49.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.680%
35) Dibromofluoromethane	7.804	113	85342	48.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.940%
50) Toluene-d8	10.269	98	326748	50.465	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.575	95	77127	40.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.440%

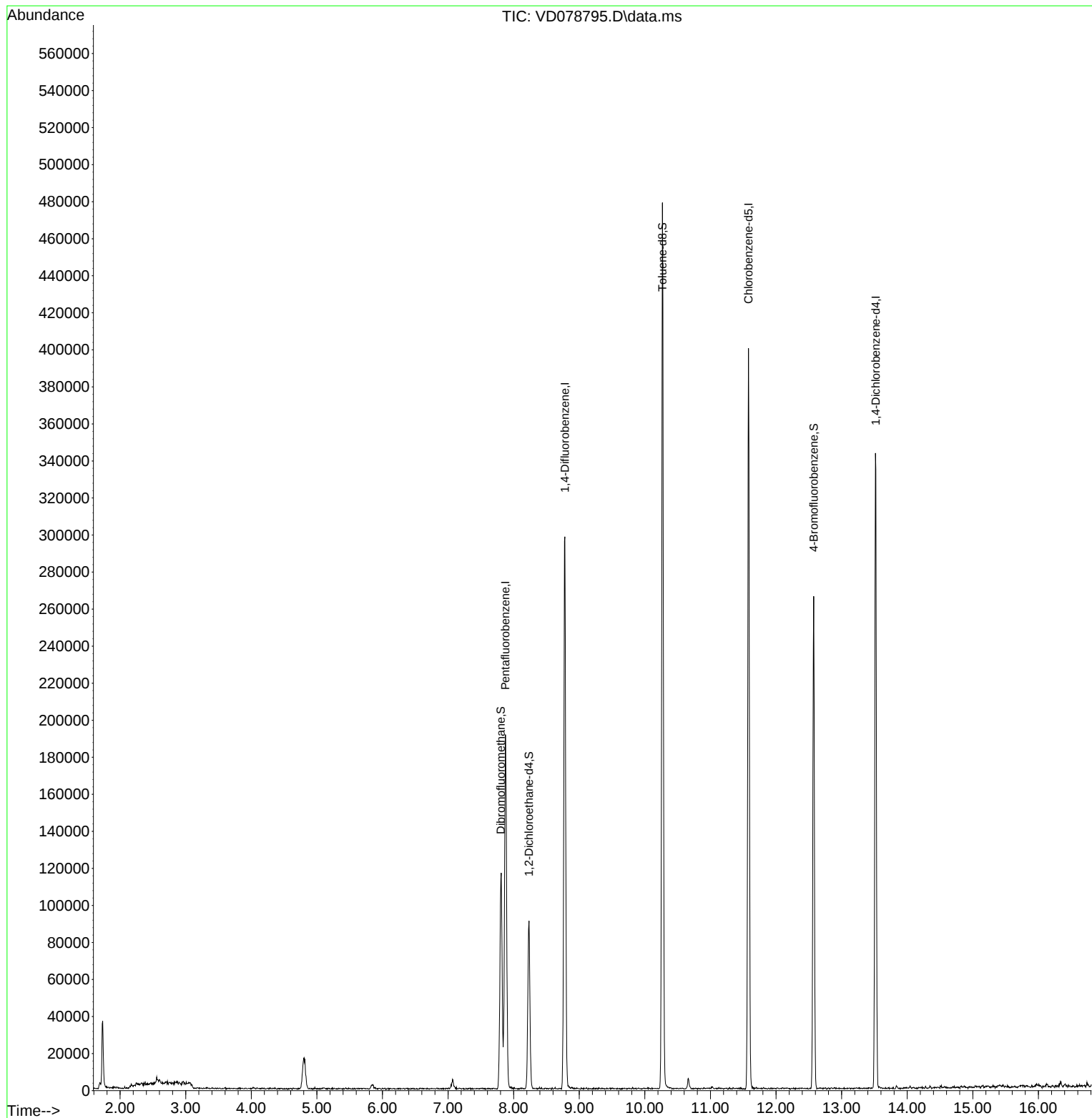
Target Compounds	Qvalue

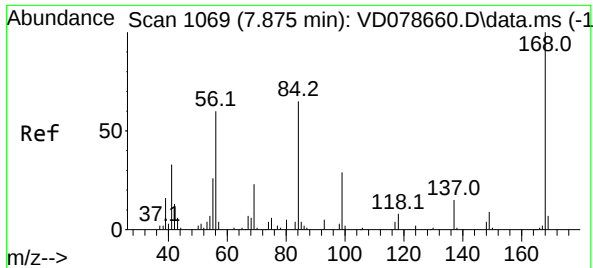
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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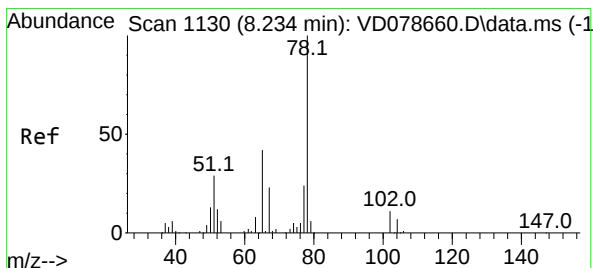
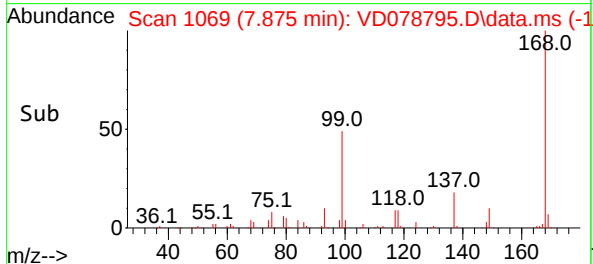
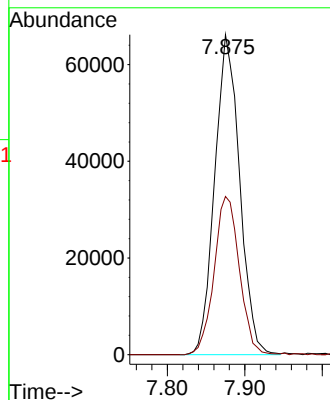
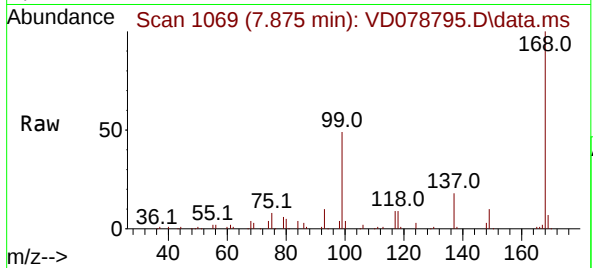




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

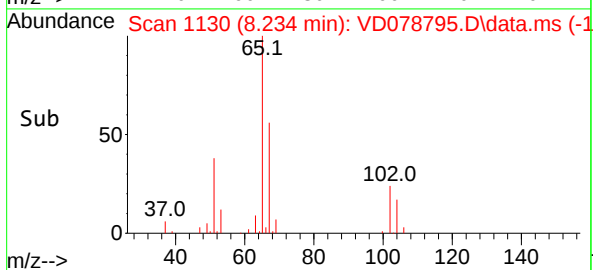
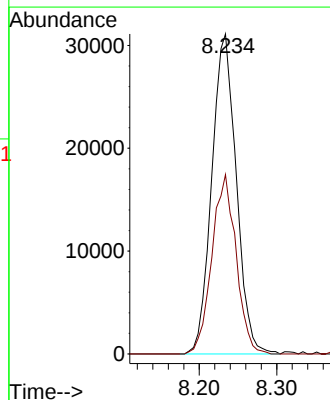
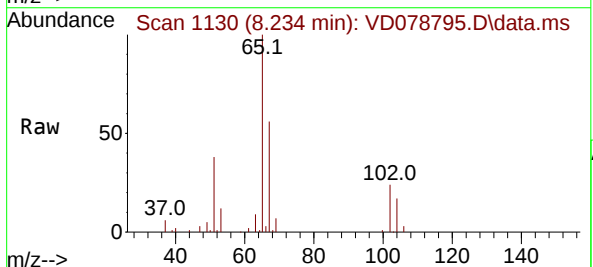
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

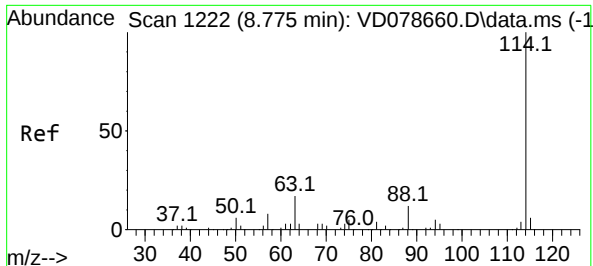
Tgt Ion:168 Resp: 147720
Ion Ratio Lower Upper
168 100
99 49.5 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 49.338 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Tgt Ion: 65 Resp: 68302
Ion Ratio Lower Upper
65 100
67 55.3 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: VD078795.D

Acq: 29 Mar 2024 15:54

Instrument :

MSVOA_D

ClientSampleId :

WC-A-GRAB

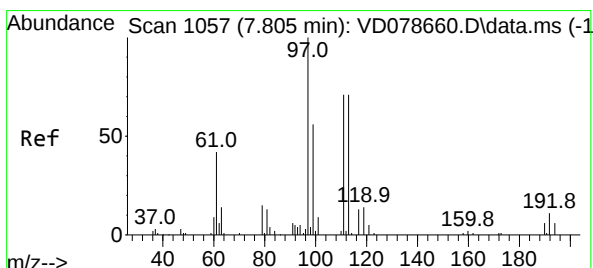
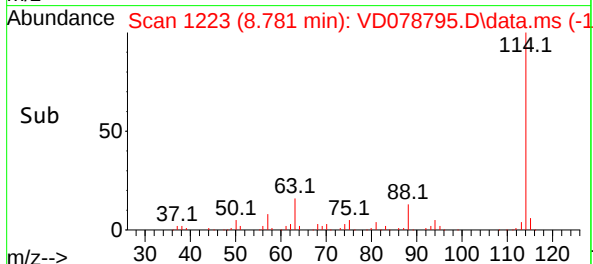
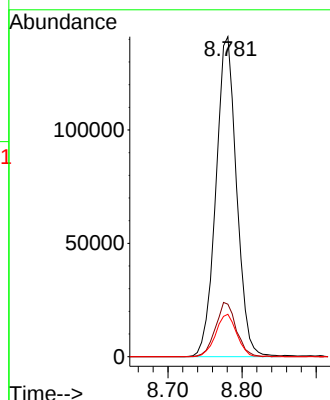
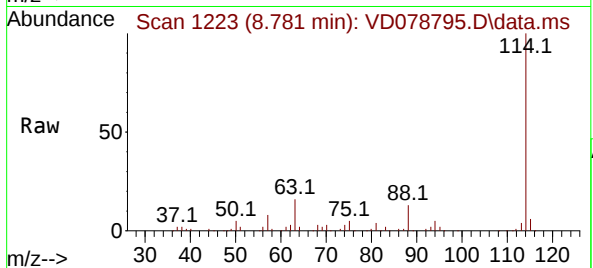
Tgt Ion:114 Resp: 273440

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.2 0.0 24.6



#35

Dibromofluoromethane

Concen: 48.475 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078795.D

Acq: 29 Mar 2024 15:54

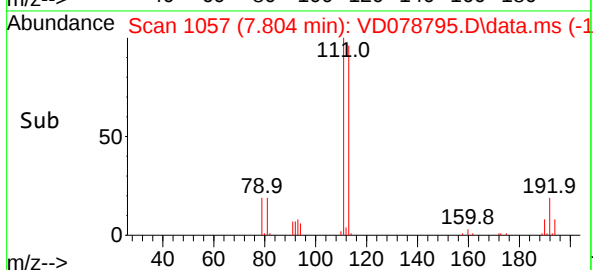
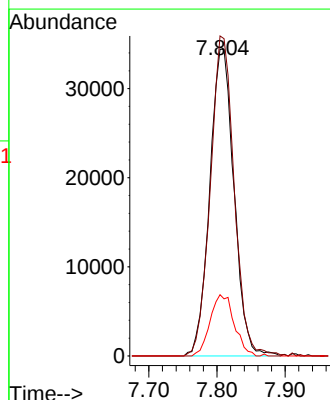
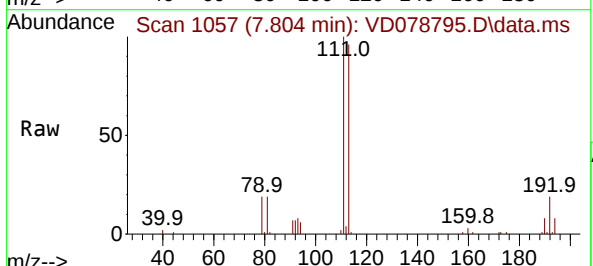
Tgt Ion:113 Resp: 85342

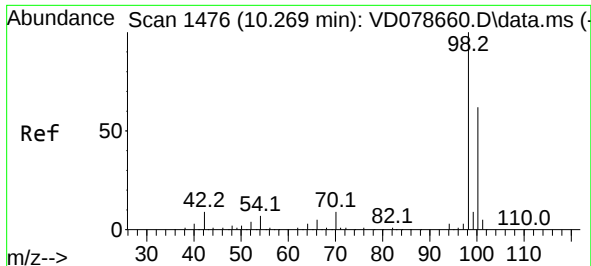
Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 19.7 15.4 23.0

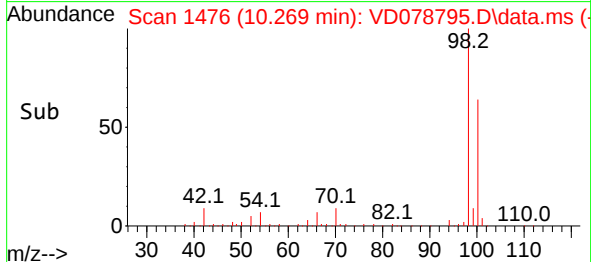
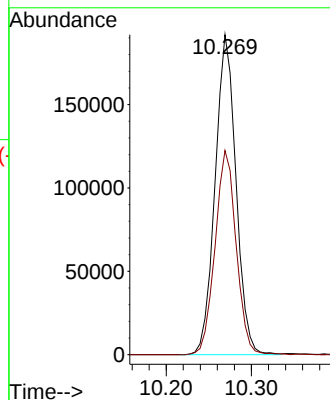
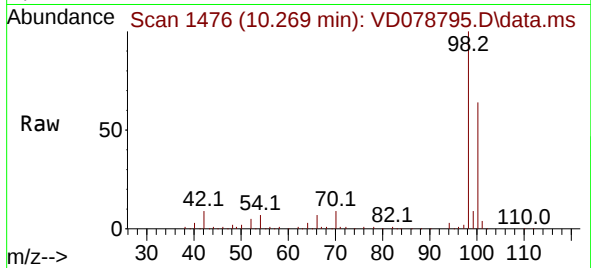




#50
Toluene-d8
Concen: 50.465 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

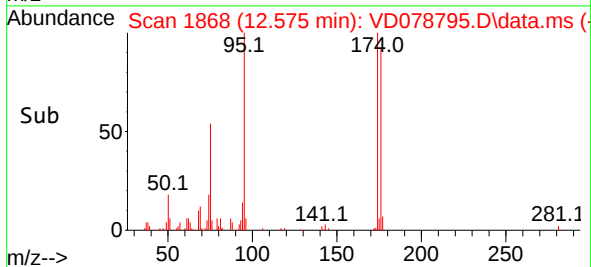
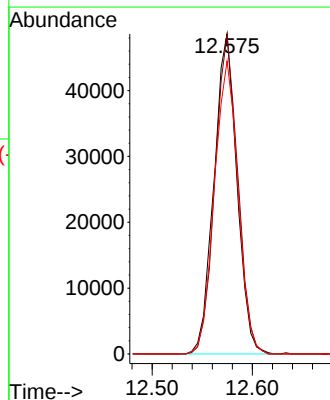
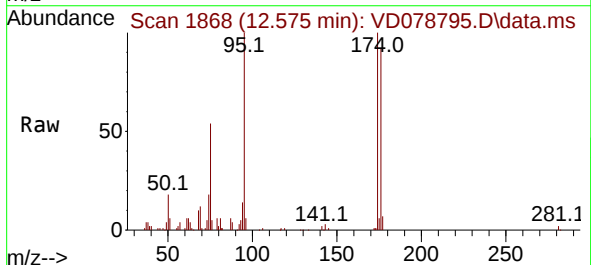
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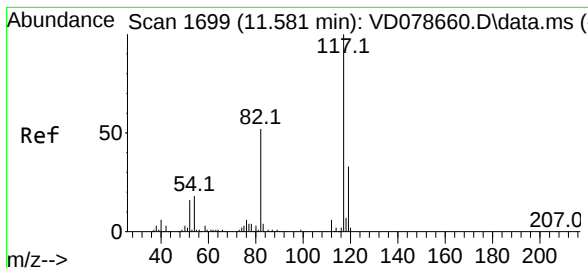
Tgt Ion: 98 Resp: 326748
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 40.717 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Tgt Ion: 95 Resp: 77127
Ion Ratio Lower Upper
95 100
174 99.2 0.0 195.2
176 94.7 0.0 188.2

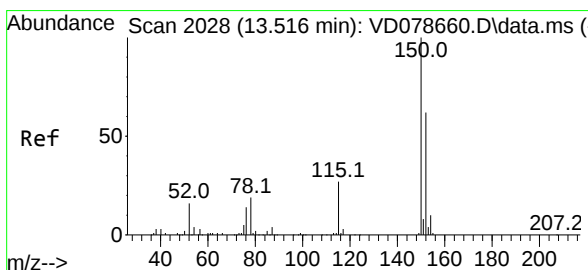
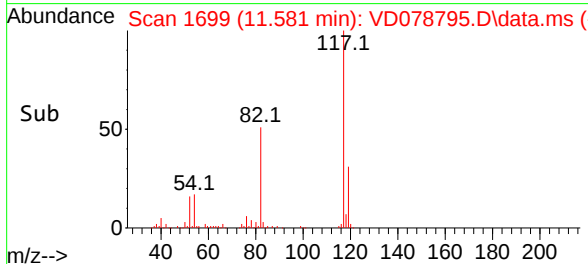
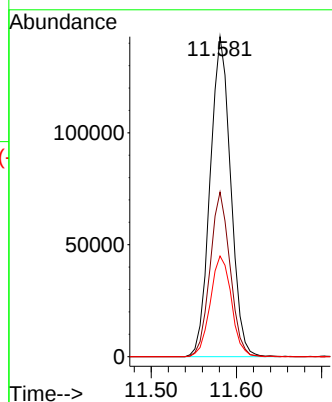
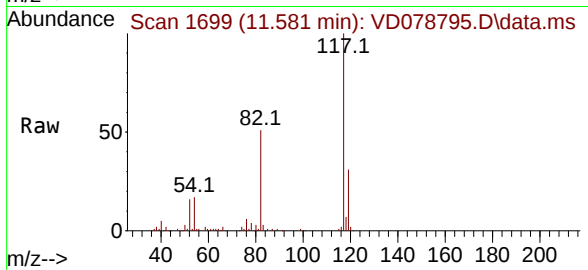




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078795.D
Acq: 29 Mar 2024 15:54

Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

Tgt Ion:117 Resp: 239488
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.2
119 31.5 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: VD078795.D
Acq: 29 Mar 2024 15:54

Tgt Ion:152 Resp: 96419
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.2
150 158.8 0.0 350.2

