

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078412.D
 Acq On : 14 Feb 2024 14:16
 Operator : RP/MD
 Sample : P1449-01
 Misc : 5.06G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-362

Quant Time: Feb 14 14:22:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	128473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	271009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64281	46.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.540%
35) Dibromofluoromethane	7.804	113	86117	50.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.269	98	354333	51.454	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.575	95	113153	56.464	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.920%

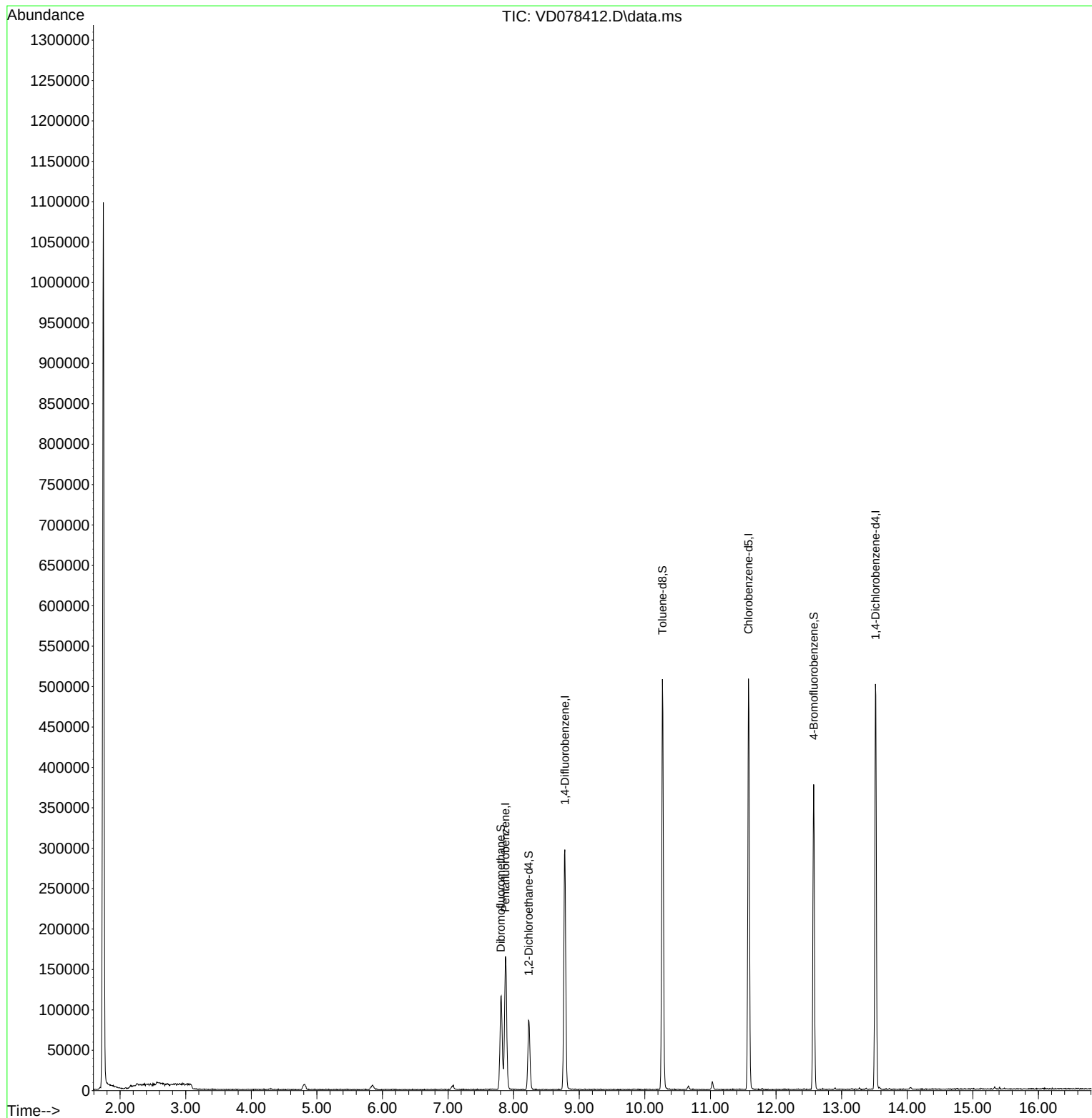
Target Compounds	Qvalue

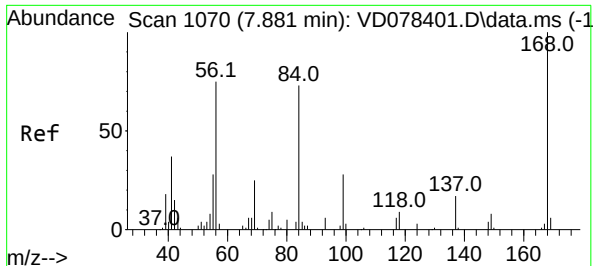
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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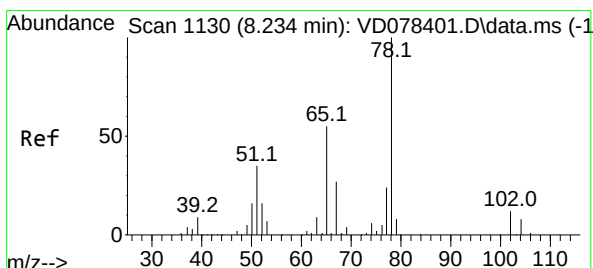
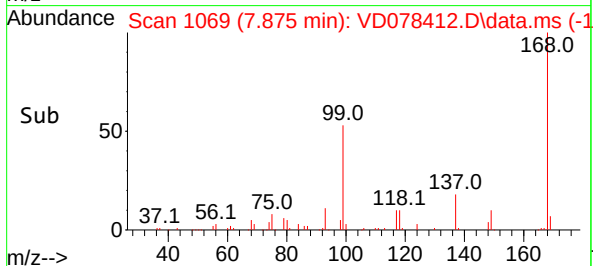
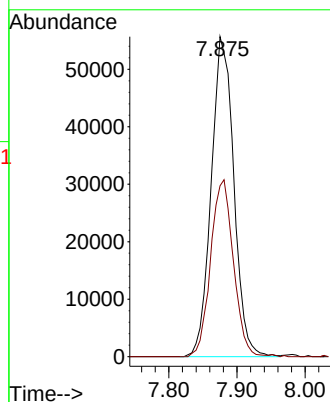
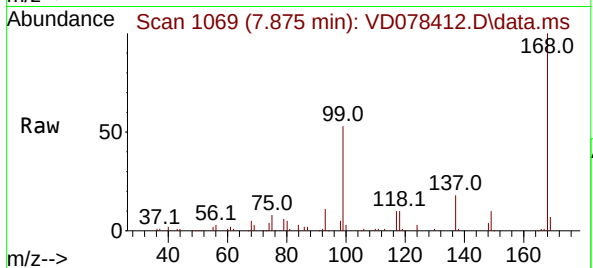




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078412.D
Acq: 14 Feb 2024 14:16

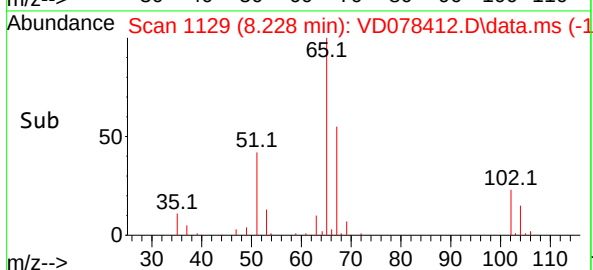
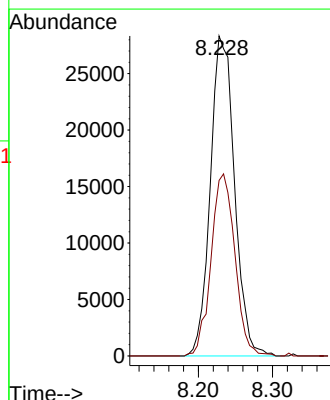
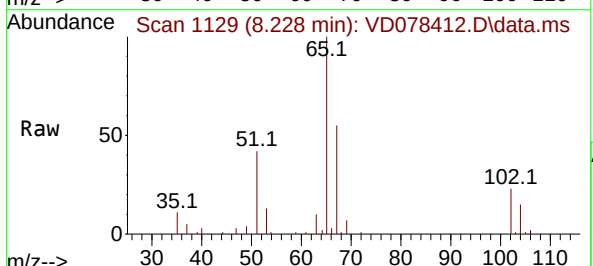
Instrument :
MSVOA_D
ClientSampleId :
ETGI-362

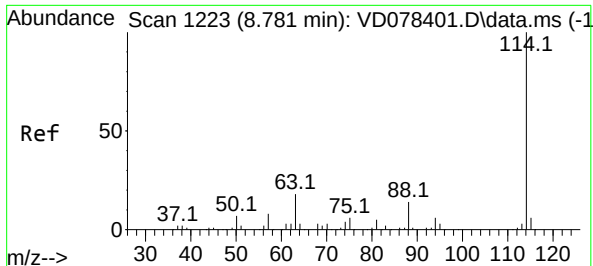
Tgt Ion:168 Resp: 128473
Ion Ratio Lower Upper
168 100
99 53.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 46.275 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078412.D
Acq: 14 Feb 2024 14:16

Tgt Ion: 65 Resp: 64281
Ion Ratio Lower Upper
65 100
67 56.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078412.D

Acq: 14 Feb 2024 14:16

Instrument :

MSVOA_D

ClientSampleId :

ETGI-362

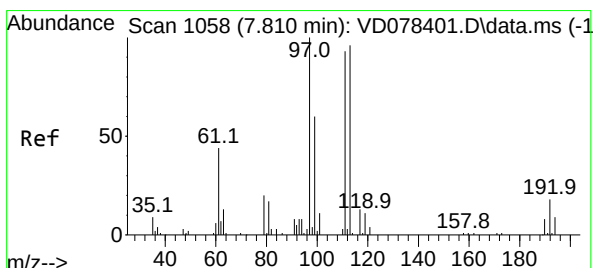
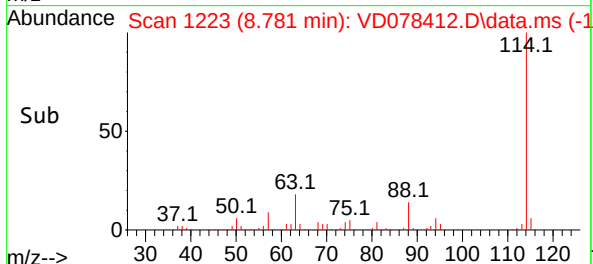
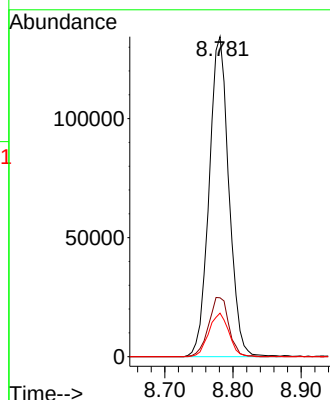
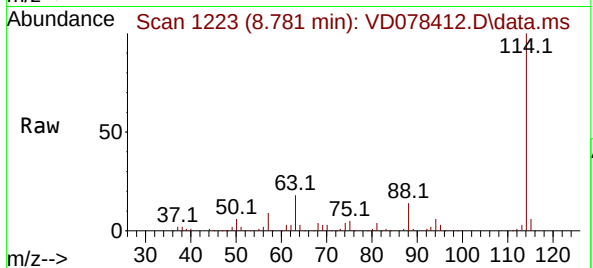
Tgt Ion:114 Resp: 271009

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.024 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078412.D

Acq: 14 Feb 2024 14:16

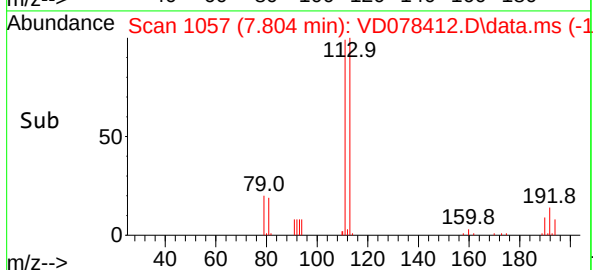
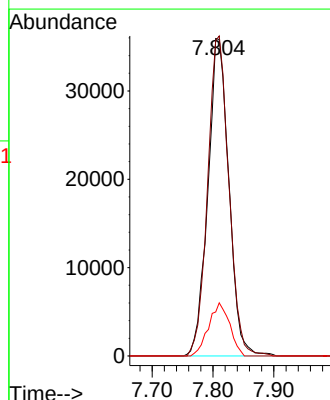
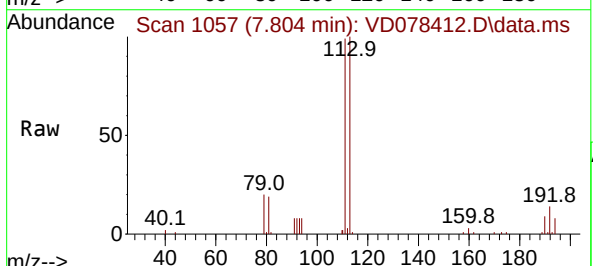
Tgt Ion:113 Resp: 86117

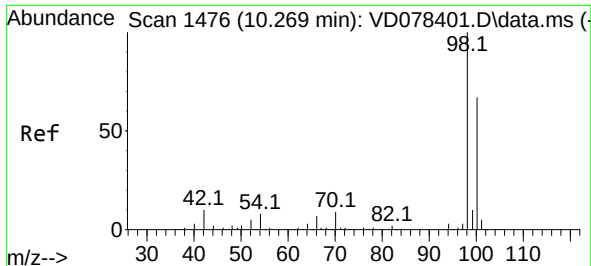
Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 16.7 16.8 25.2#

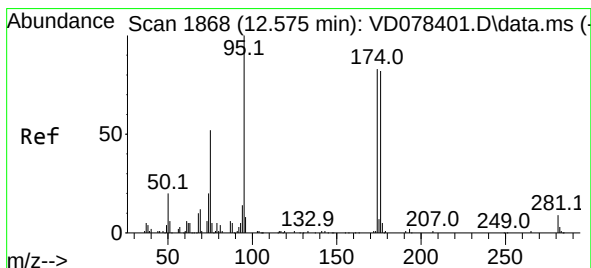
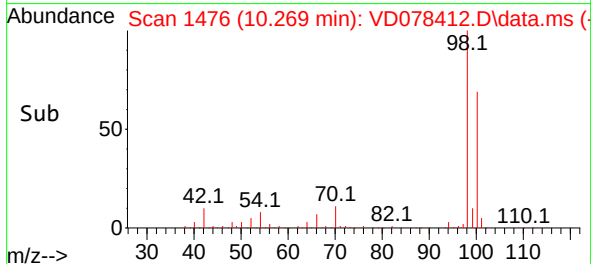
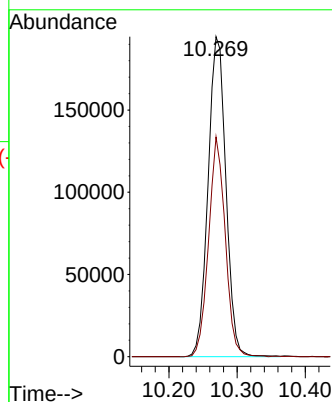
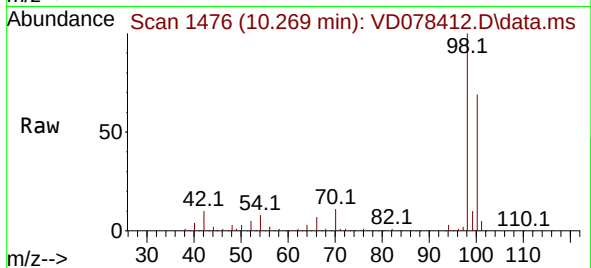




#50
Toluene-d8
Concen: 51.454 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078412.D
Acq: 14 Feb 2024 14:16

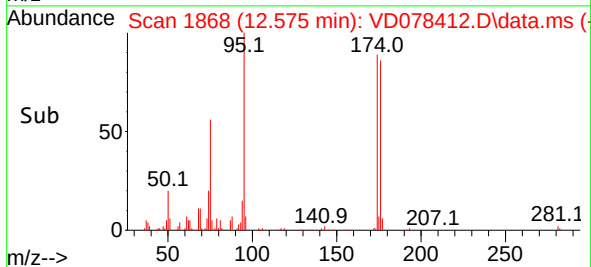
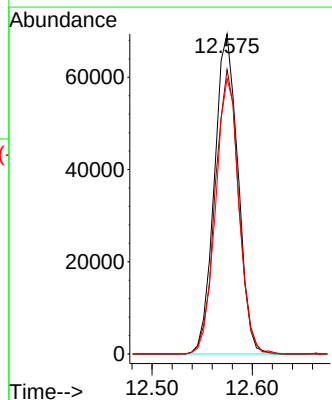
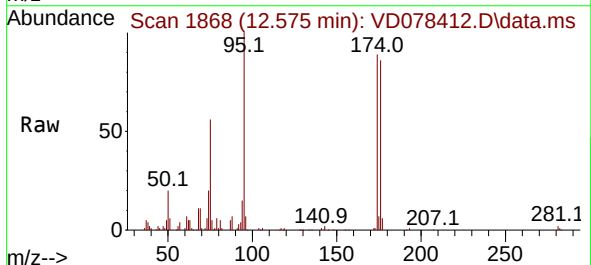
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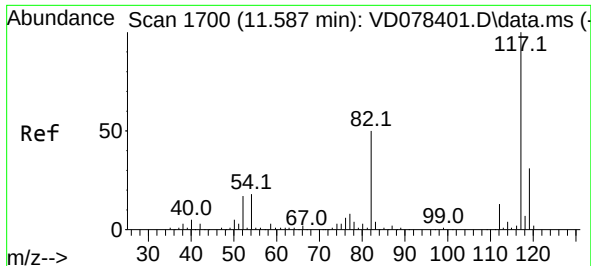
Tgt Ion: 98 Resp: 354333
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.464 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078412.D
Acq: 14 Feb 2024 14:16

Tgt Ion: 95 Resp: 113153
Ion Ratio Lower Upper
95 100
174 88.6 0.0 201.8
176 85.4 0.0 191.8

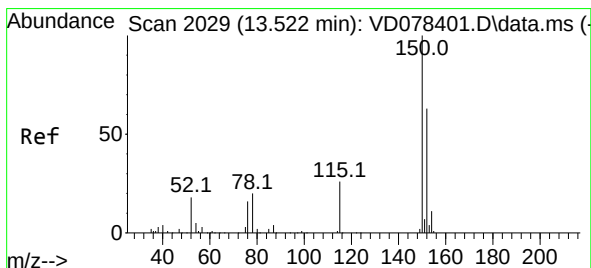
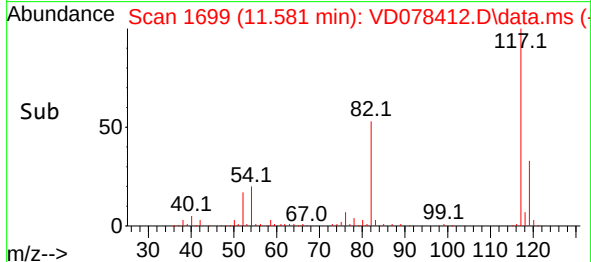
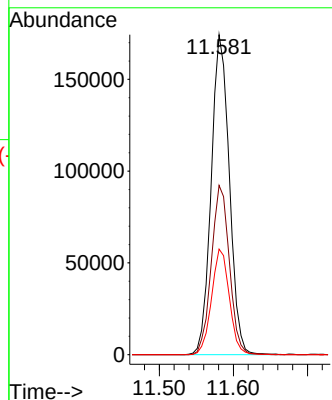
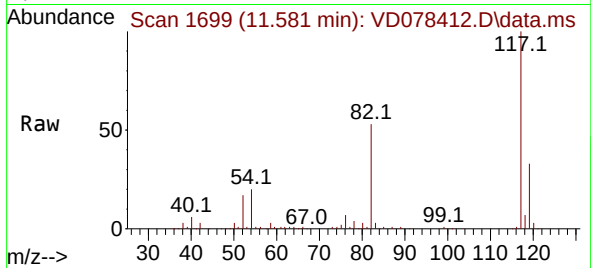




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078412.D
Acq: 14 Feb 2024 14:16

Instrument :
MSVOA_D
ClientSampleId :
ETGI-362

Tgt Ion:117 Resp: 295998
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 33.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078412.D
Acq: 14 Feb 2024 14:16

Tgt Ion:152 Resp: 132140
Ion Ratio Lower Upper
152 100
115 59.0 27.1 81.3
150 158.7 0.0 353.6

