

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078394.D
 Acq On : 09 Feb 2024 19:20
 Operator : RP/MD
 Sample : P1449-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-362

Quant Time: Feb 09 23:04:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	90612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	205985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105508	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56350	50.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.480%
35) Dibromofluoromethane	7.804	113	69774	47.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.269	98	273805	49.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.575	95	90961	54.707	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.420%

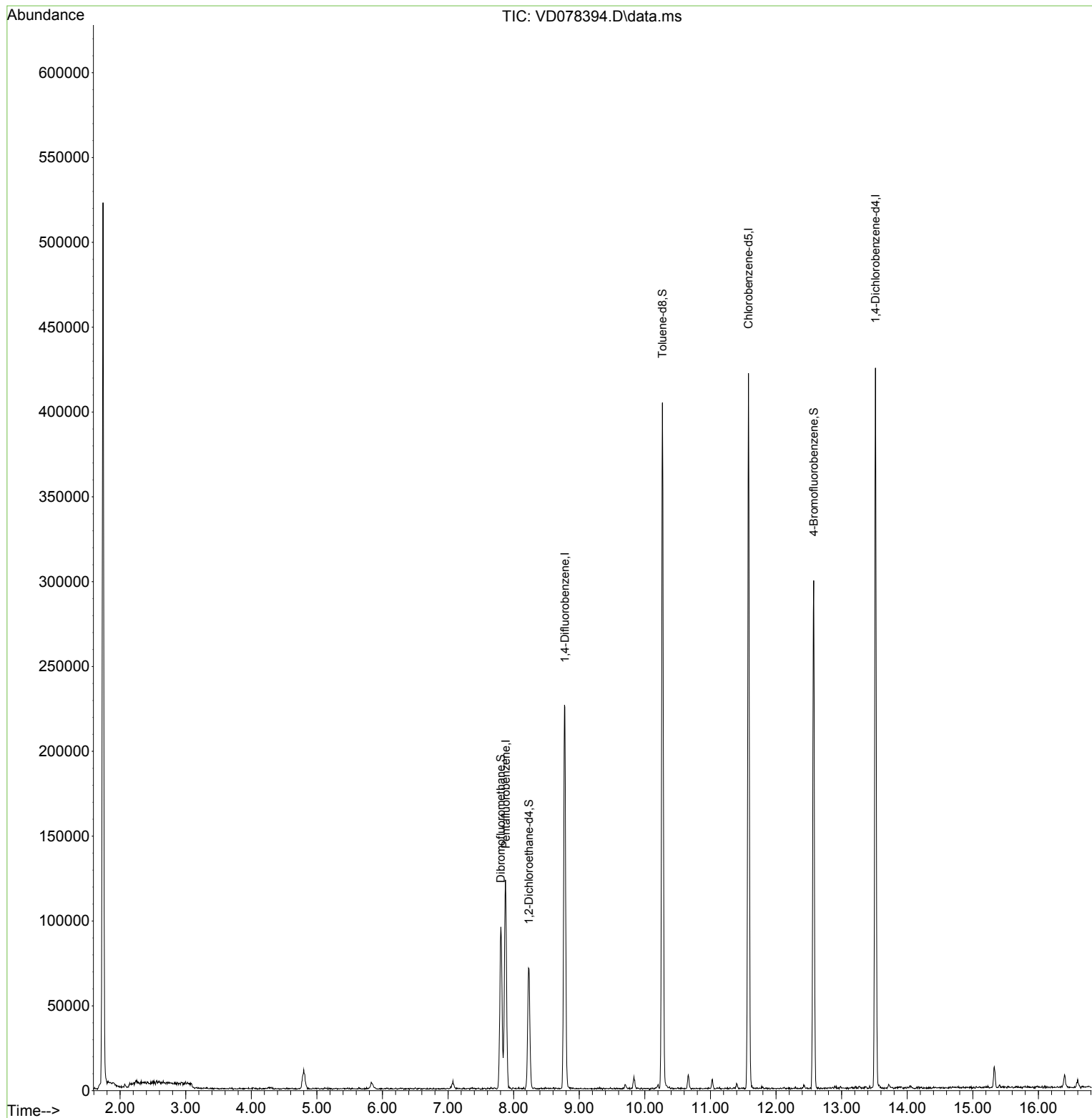
Target Compounds	Qvalue

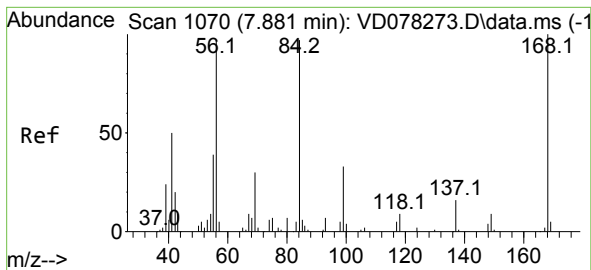
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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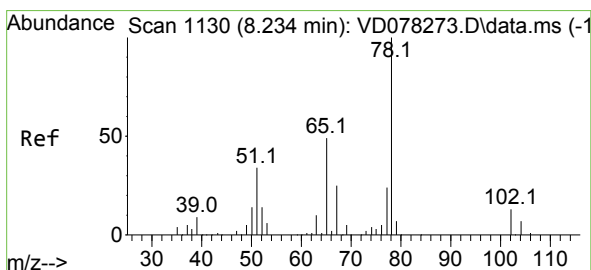
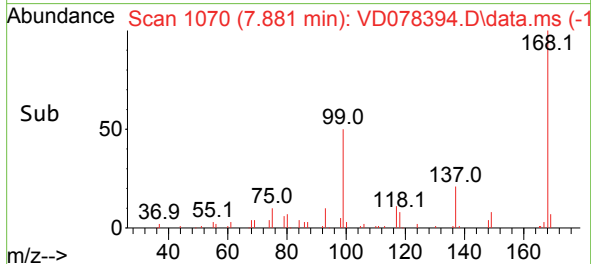
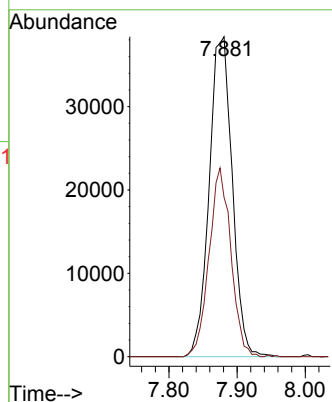
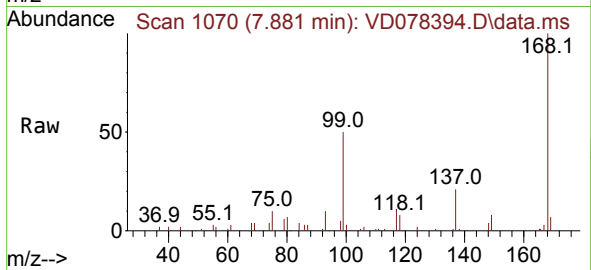




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

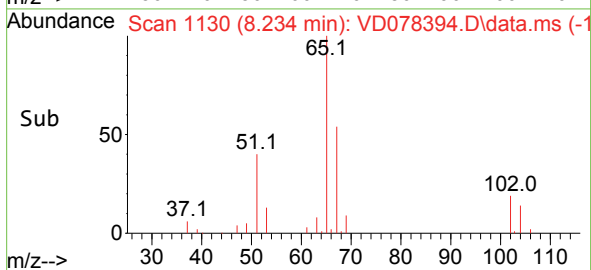
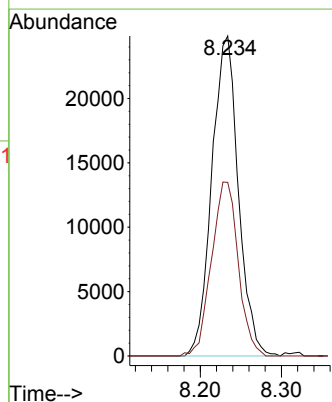
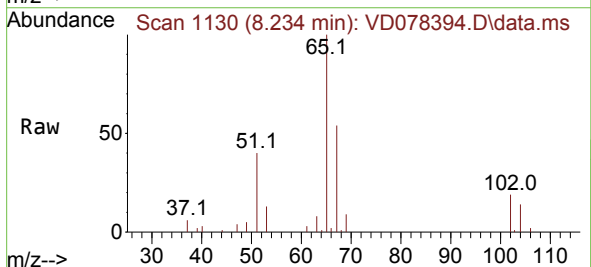
Instrument :
MSVOA_D
ClientSampleId :
ETGI-362

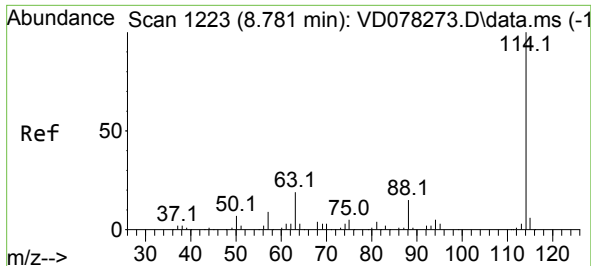
Tgt Ion:168 Resp: 90612
Ion Ratio Lower Upper
168 100
99 49.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.235 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

Tgt Ion: 65 Resp: 56350
Ion Ratio Lower Upper
65 100
67 54.9 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: VD078394.D

Acq: 09 Feb 2024 19:20

Instrument :

MSVOA_D

ClientSampleId :

ETGI-362

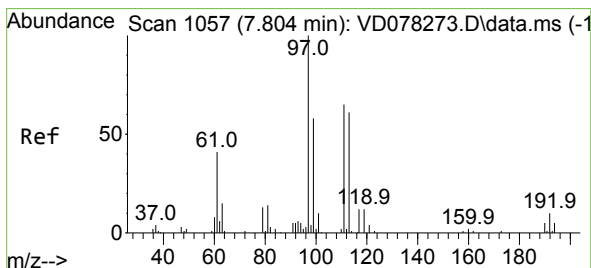
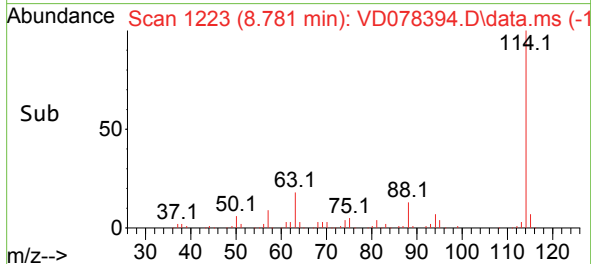
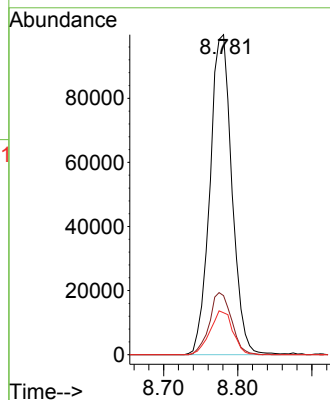
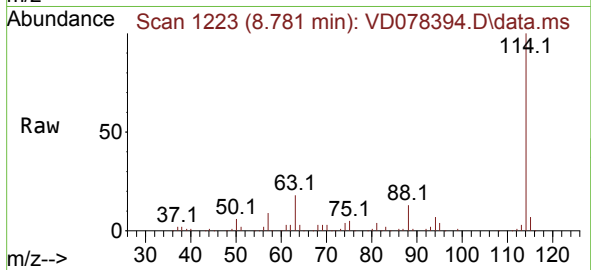
Tgt Ion:114 Resp: 205985

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.580 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078394.D

Acq: 09 Feb 2024 19:20

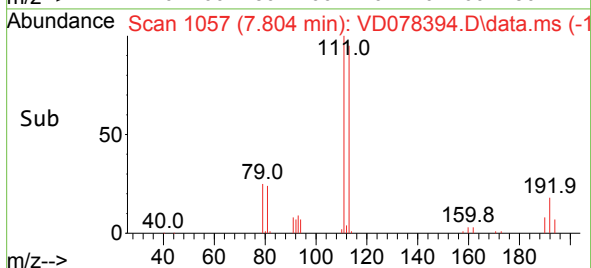
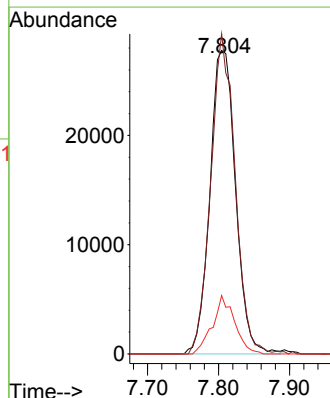
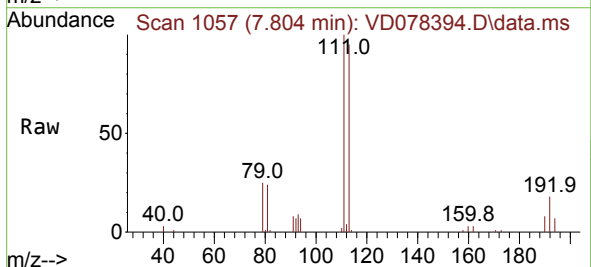
Tgt Ion:113 Resp: 69774

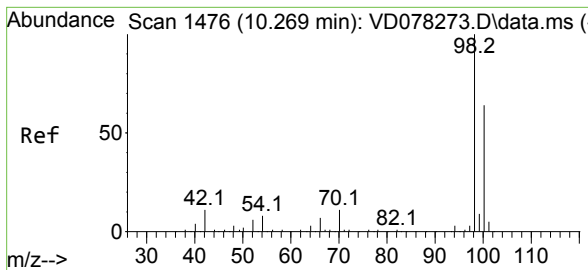
Ion Ratio Lower Upper

113 100

111 99.7 84.7 127.1

192 16.6 16.8 25.2#

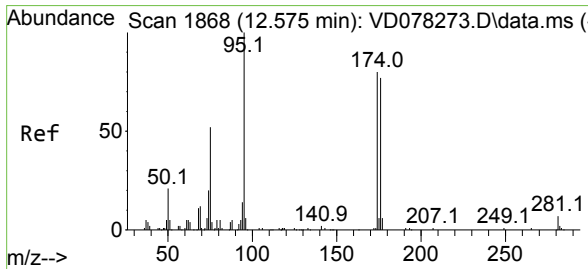
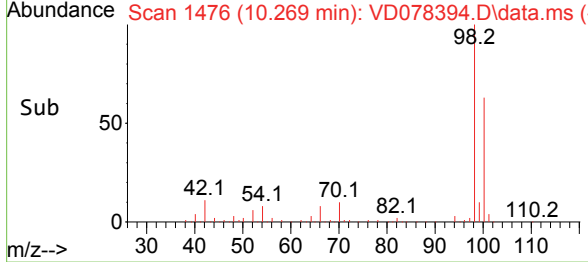
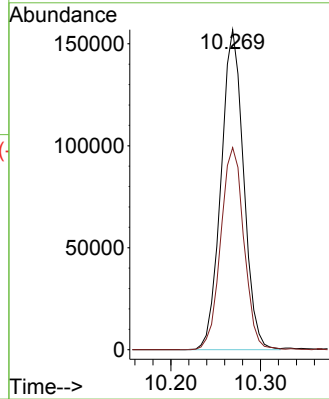
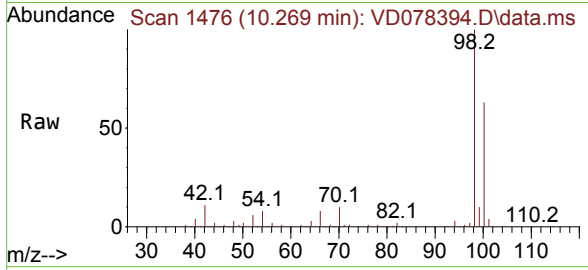




#50
Toluene-d8
Concen: 49.316 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

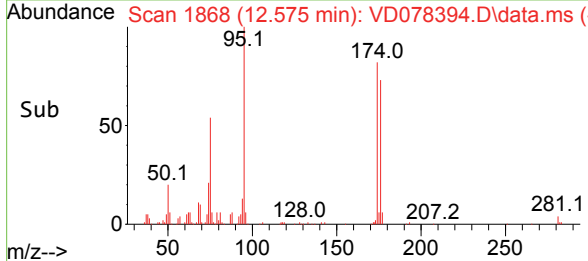
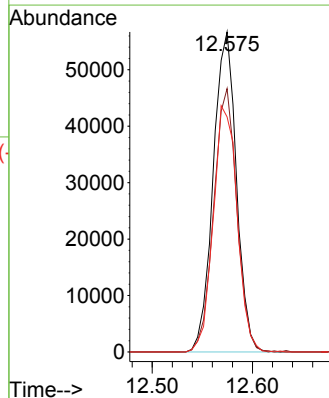
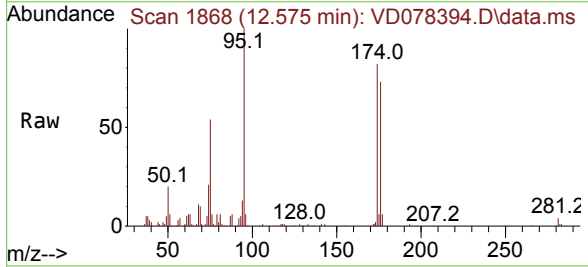
Instrument :
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ETGI-362

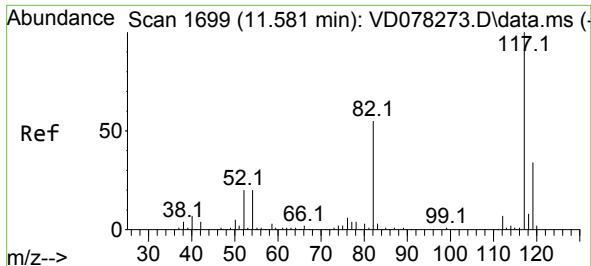
Tgt Ion: 98 Resp: 273805
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 54.707 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

Tgt Ion: 95 Resp: 90961
Ion Ratio Lower Upper
95 100
174 82.2 0.0 201.8
176 79.6 0.0 191.8

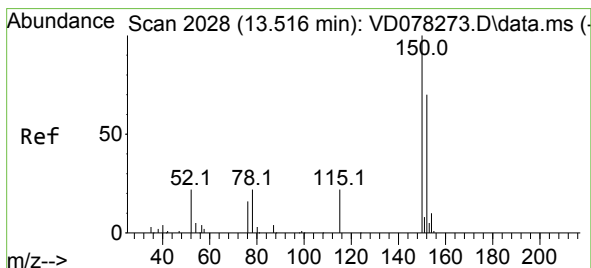
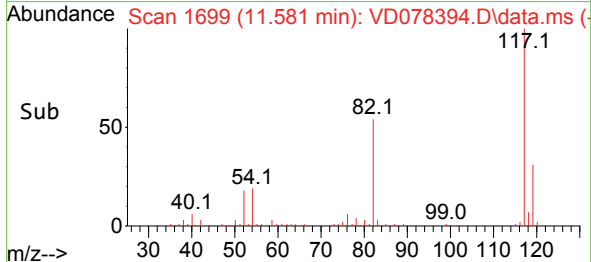
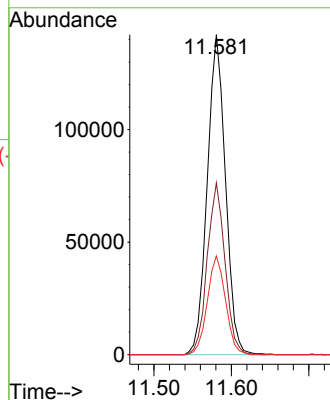
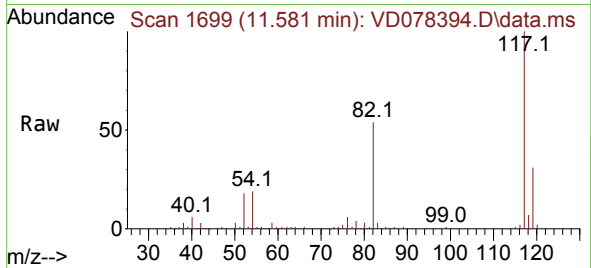




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

Instrument :
MSVOA_D
ClientSampleId :
ETGI-362

Tgt Ion:117 Resp: 231973
Ion Ratio Lower Upper
117 100
82 53.6 38.3 57.5
119 30.8 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: VD078394.D
Acq: 09 Feb 2024 19:20

Tgt Ion:152 Resp: 105508
Ion Ratio Lower Upper
152 100
115 59.6 27.1 81.3
150 158.4 0.0 353.6

