

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078377.D
 Acq On : 08 Feb 2024 18:54
 Operator : RP/MD
 Sample : P1413-06
 Misc : 5.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-358

Quant Time: Feb 09 03:13:40 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	2130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	4564	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.581	117	4139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1364	51.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.460%	
35) Dibromofluoromethane	7.793	113	1743	53.643	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.280%	
50) Toluene-d8	10.269	98	5019	40.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.600%	
62) 4-Bromofluorobenzene	12.575	95	1636	44.408	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.820%	

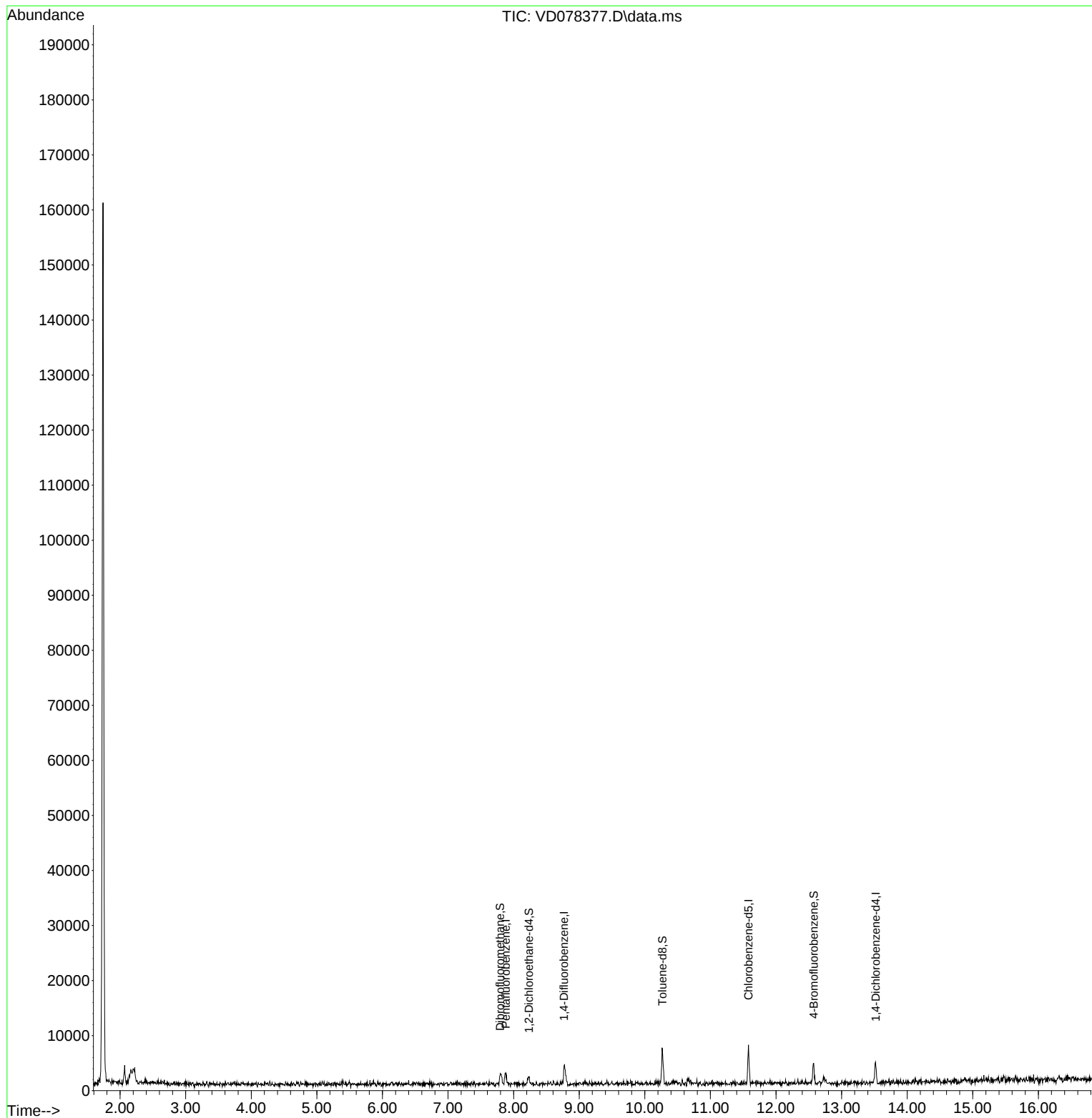
Target Compounds	Qvalue

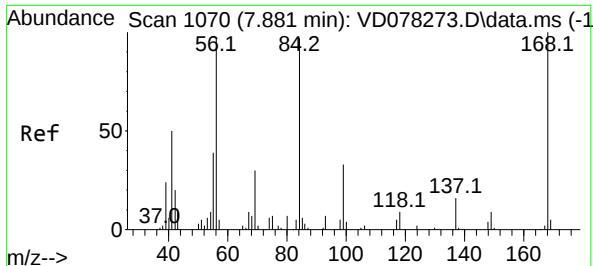
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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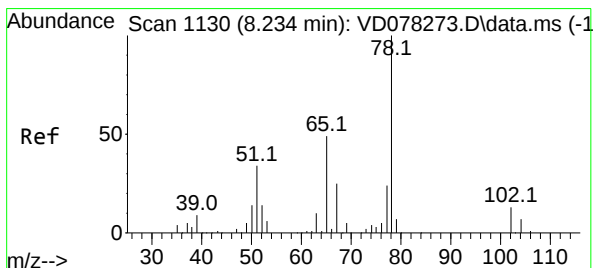
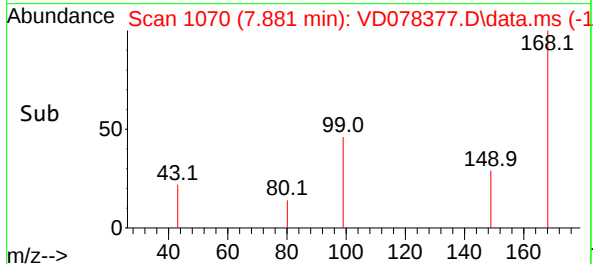
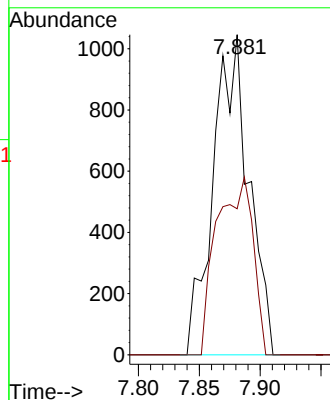
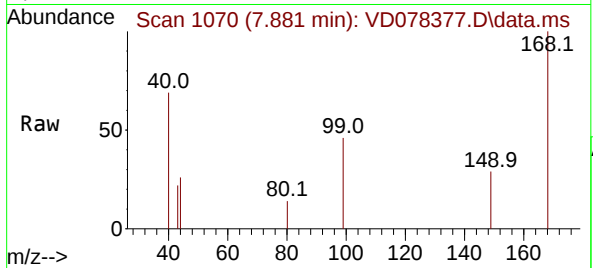




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

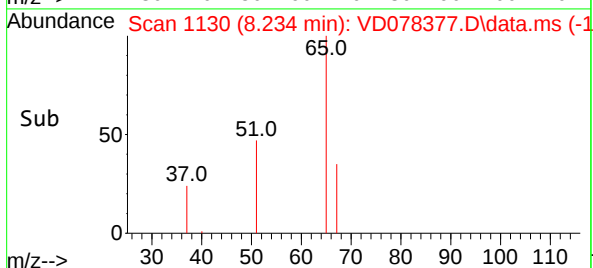
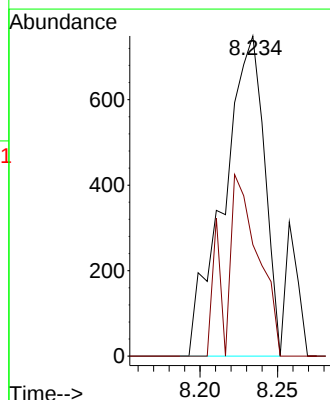
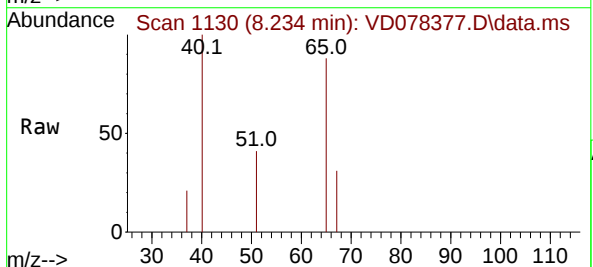
Instrument :
MSVOA_D
ClientSampleId :
ETGI-358

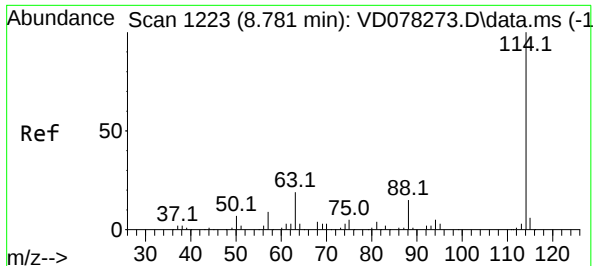
Tgt Ion:168 Resp: 2130
Ion Ratio Lower Upper
168 100
99 45.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.729 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Tgt Ion: 65 Resp: 1364
Ion Ratio Lower Upper
65 100
67 45.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD078377.D

Acq: 08 Feb 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

ETGI-358

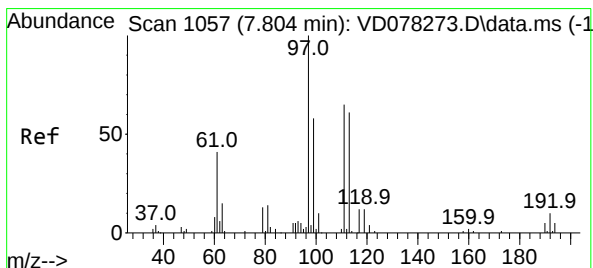
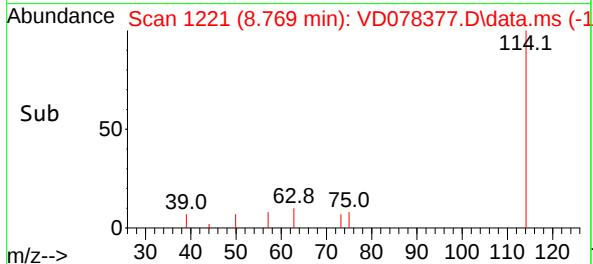
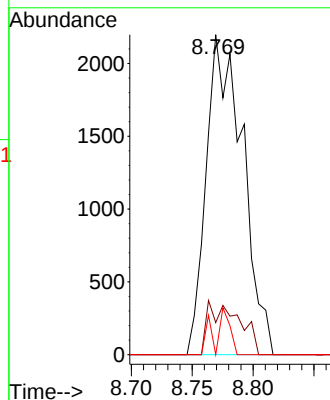
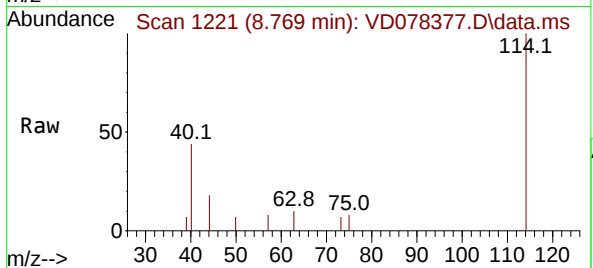
Tgt Ion:114 Resp: 4564

Ion Ratio Lower Upper

114 100

63 10.1 0.0 33.4

88 0.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.643 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VD078377.D

Acq: 08 Feb 2024 18:54

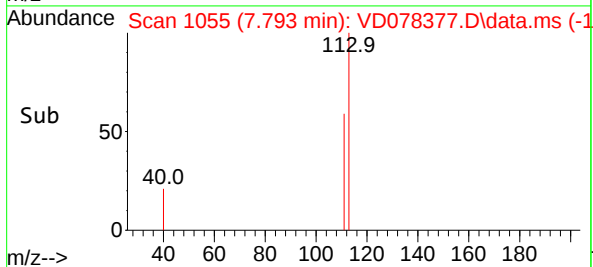
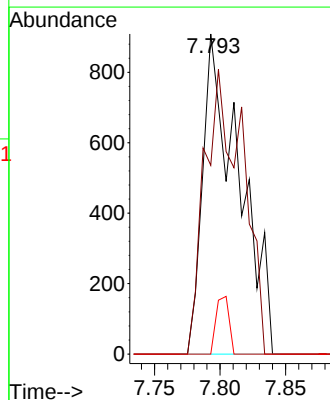
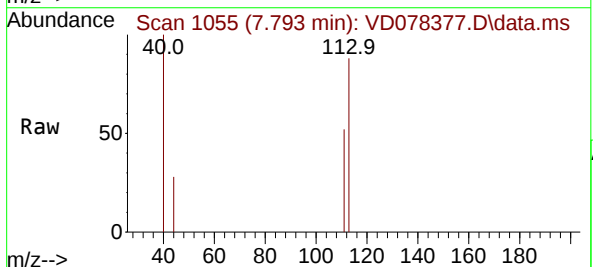
Tgt Ion:113 Resp: 1743

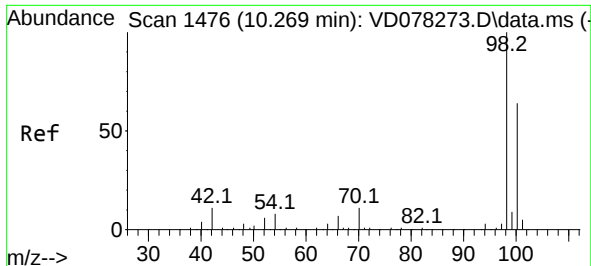
Ion Ratio Lower Upper

113 100

111 93.2 84.7 127.1

192 6.4 16.8 25.2#

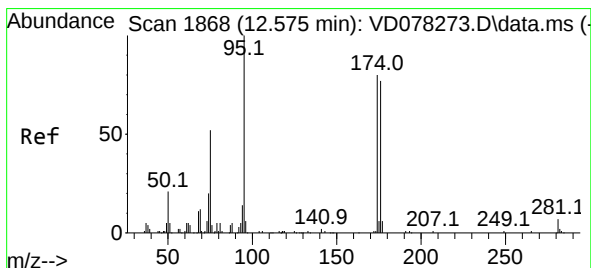
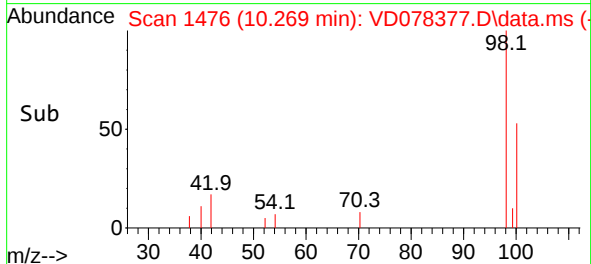
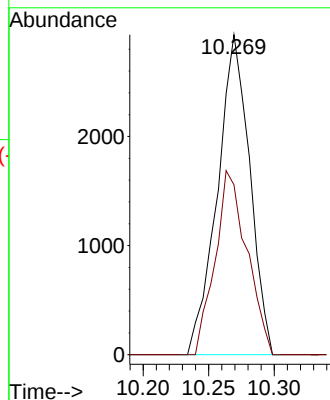
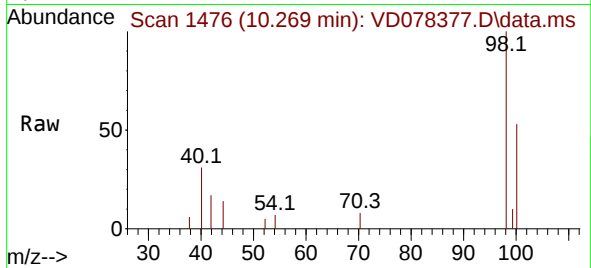




#50
Toluene-d8
Concen: 40.799 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

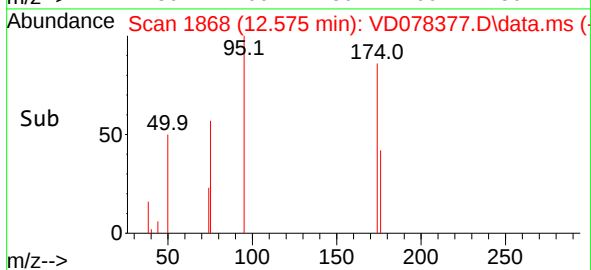
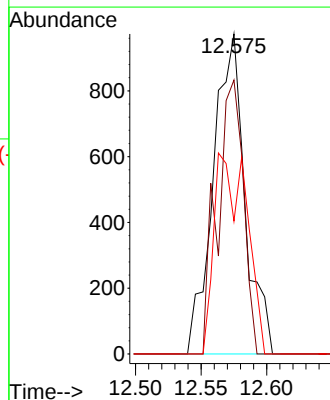
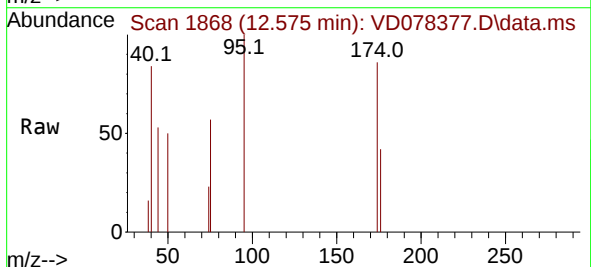
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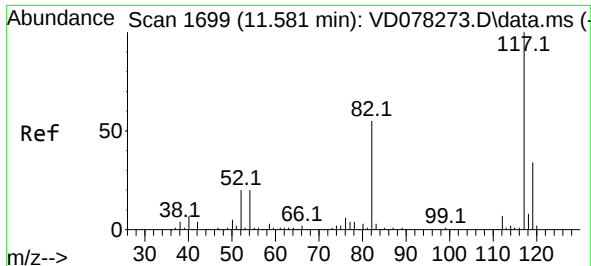
Tgt Ion: 98 Resp: 5019
Ion Ratio Lower Upper
98 100
100 56.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.408 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Tgt Ion: 95 Resp: 1636
Ion Ratio Lower Upper
95 100
174 69.9 0.0 201.8
176 64.4 0.0 191.8

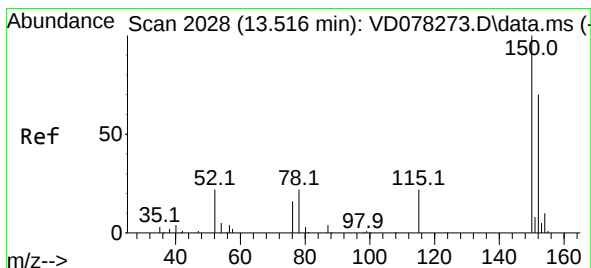
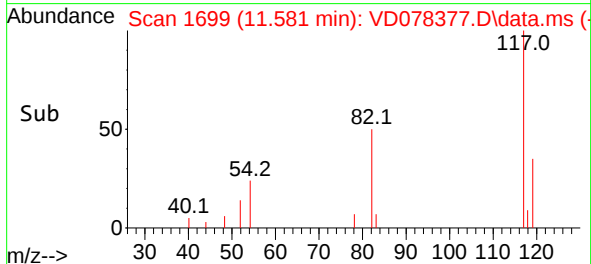
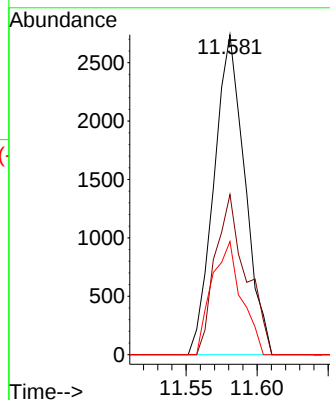
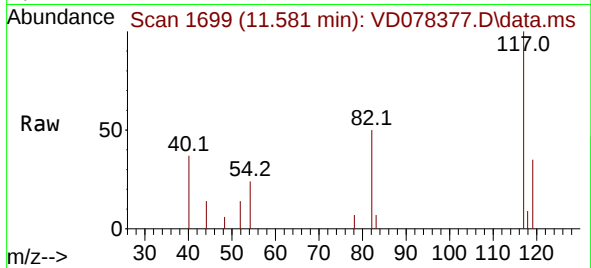




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Instrument :
MSVOA_D
ClientSampleId :
ETGI-358

Tgt Ion:	117	Resp:	4139
Ion	Ratio	Lower	Upper
117	100		
82	50.0	38.3	57.5
119	35.4	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078377.D
Acq: 08 Feb 2024 18:54

Tgt Ion:	152	Resp:	1048
Ion	Ratio	Lower	Upper
152	100		
115	65.6	27.1	81.3
150	221.2	0.0	353.6

