

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077004.D
 Acq On : 14 Aug 2023 16:38
 Operator : JC/SY
 Sample : 03961-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-339

Quant Time: Aug 15 04:49:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	171445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	348598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	341572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73037	54.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.000%
35) Dibromofluoromethane	7.805	113	94453	50.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.800%
50) Toluene-d8	10.269	98	358424	59.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.080%
62) 4-Bromofluorobenzene	12.575	95	105857	50.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.600%

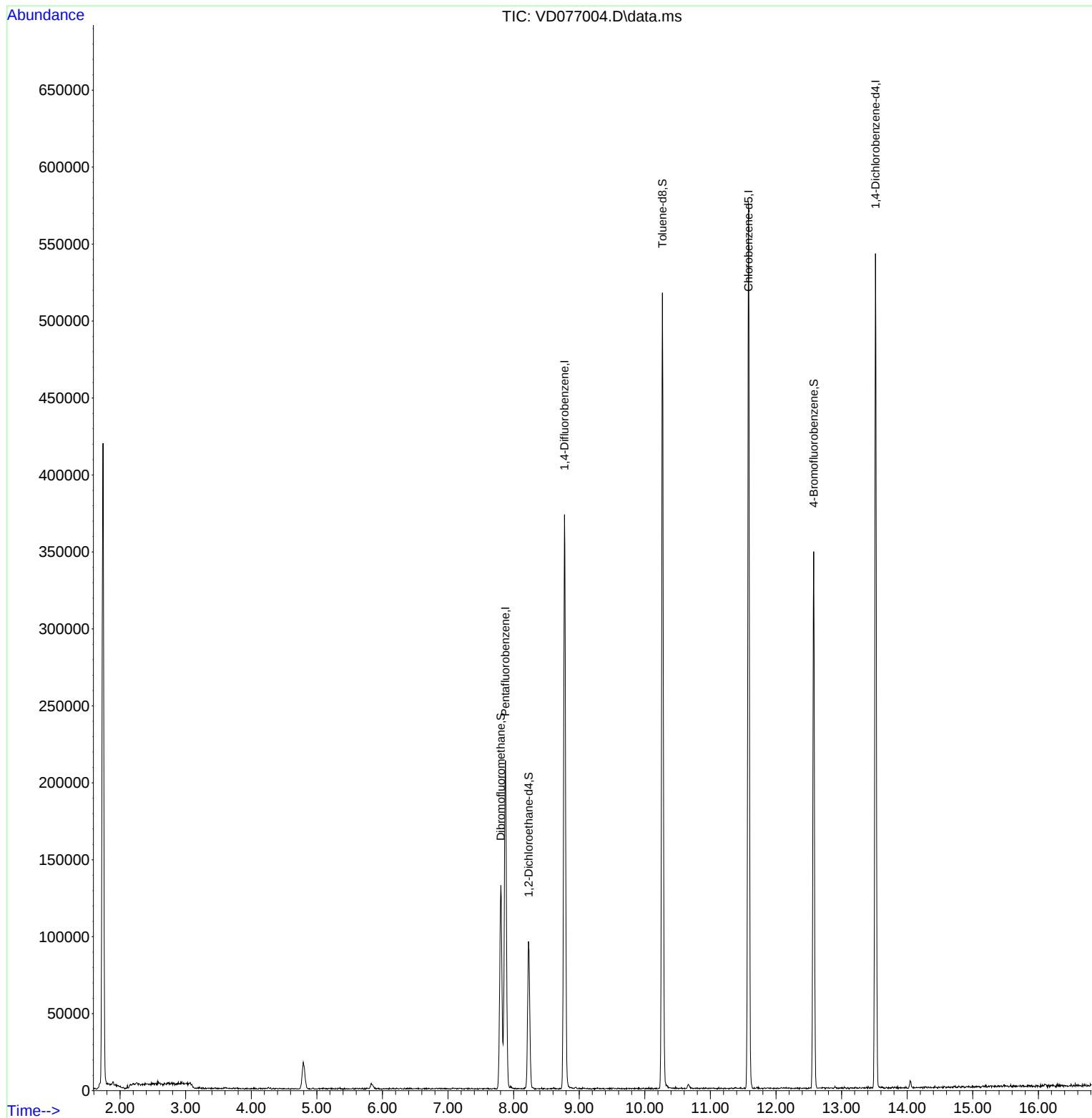
Target Compounds	Qvalue

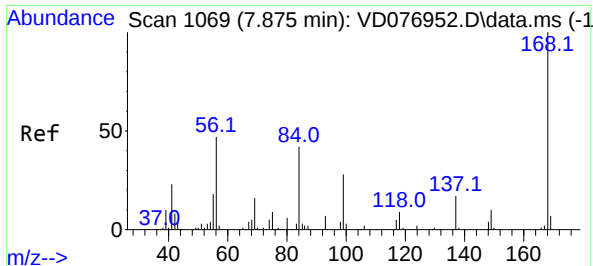
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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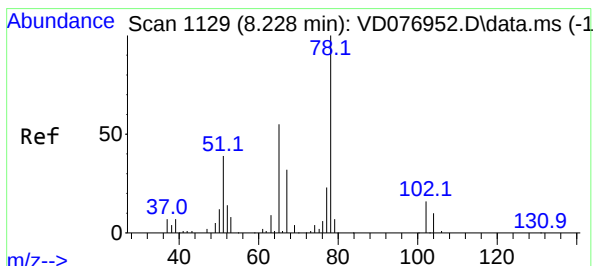
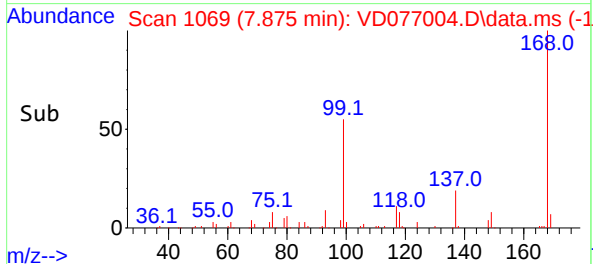
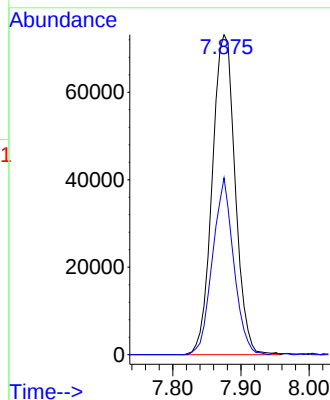
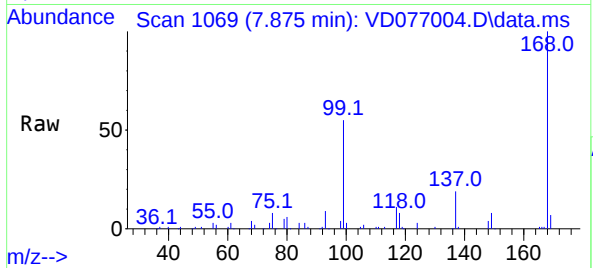




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

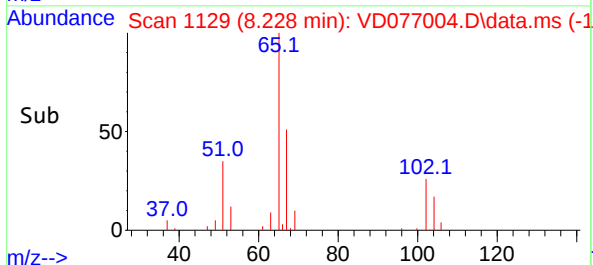
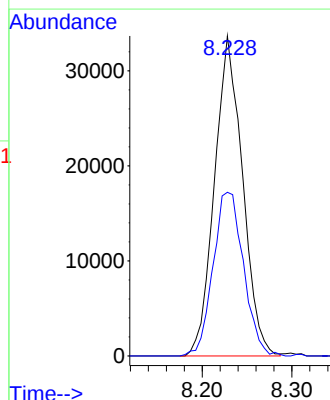
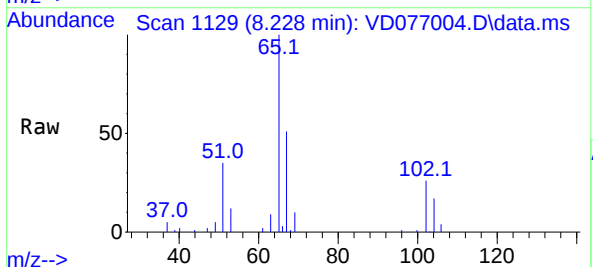
Instrument :
MSVOA_D
ClientSampleId :
ETGI-339

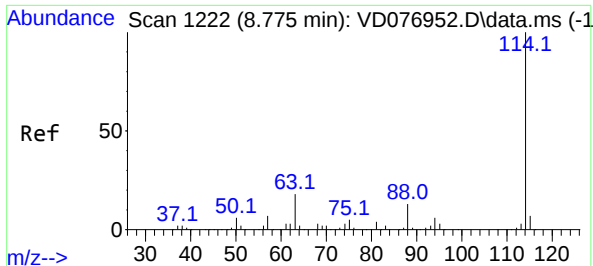
Tgt Ion:168 Resp: 171445
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 54.003 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

Tgt Ion: 65 Resp: 73037
Ion Ratio Lower Upper
65 100
67 55.5 0.0 115.0

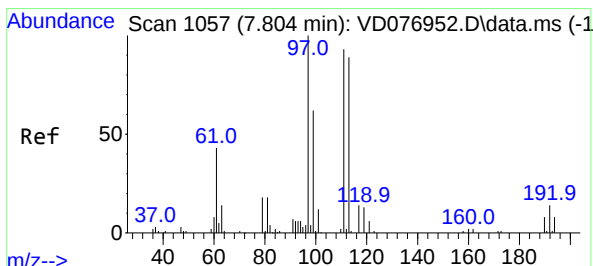
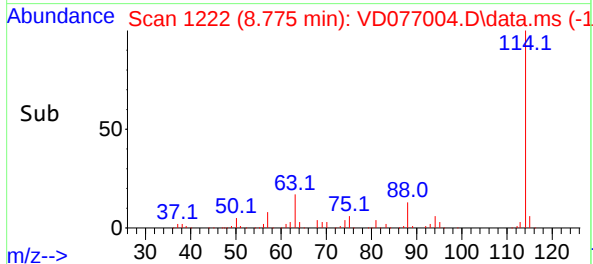
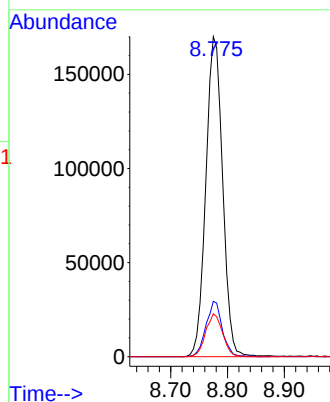
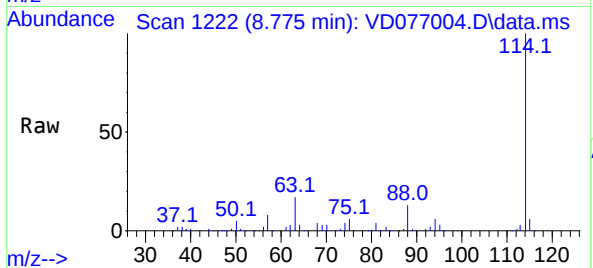




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

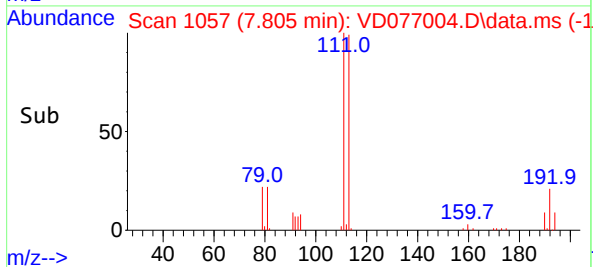
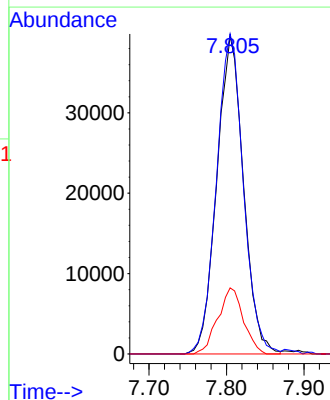
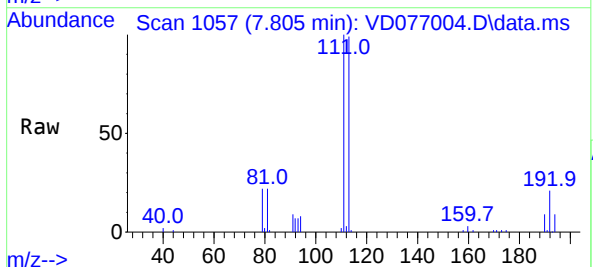
Instrument :
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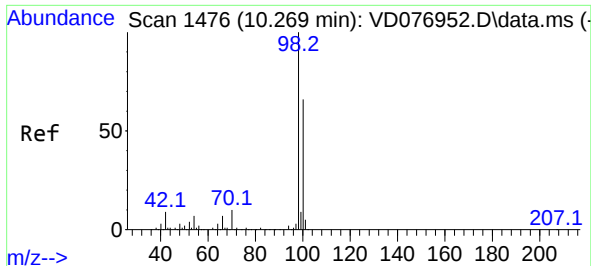
Tgt Ion:114 Resp: 348598
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 13.4 0.0 26.2



#35
Dibromofluoromethane
Concen: 50.399 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

Tgt Ion:113 Resp: 94453
Ion Ratio Lower Upper
113 100
111 101.6 84.7 127.1
192 19.9 16.8 25.2

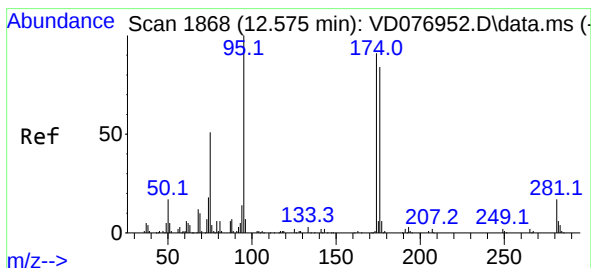
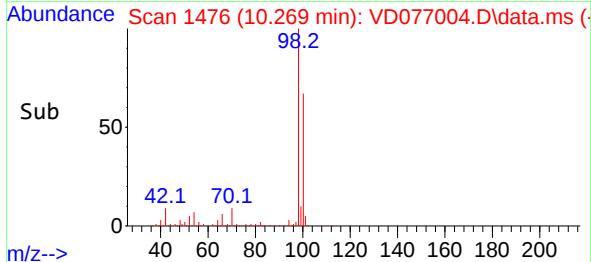
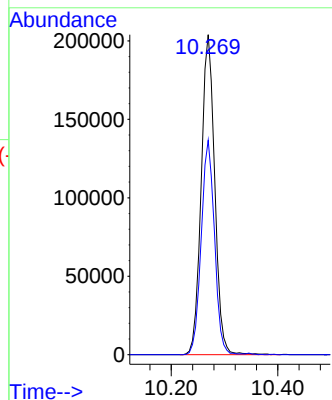
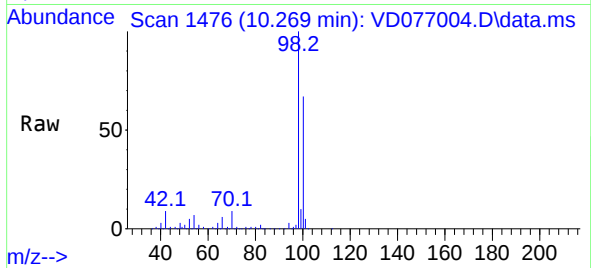




#50
Toluene-d8
Concen: 59.545 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

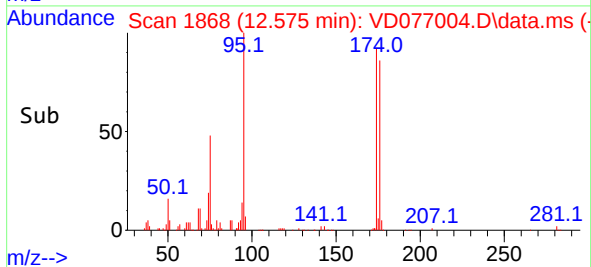
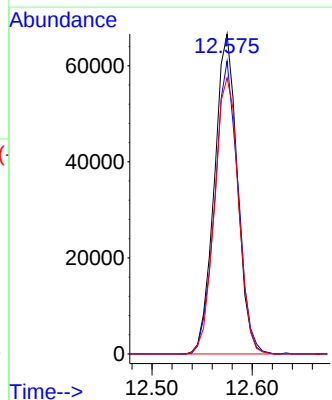
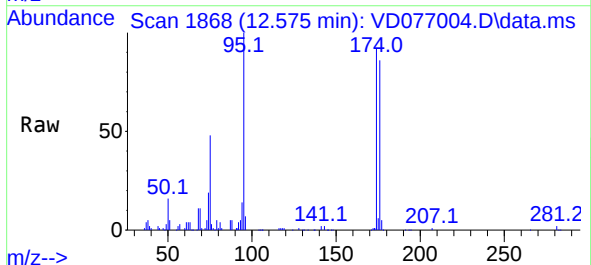
Instrument :
MSVOA_D
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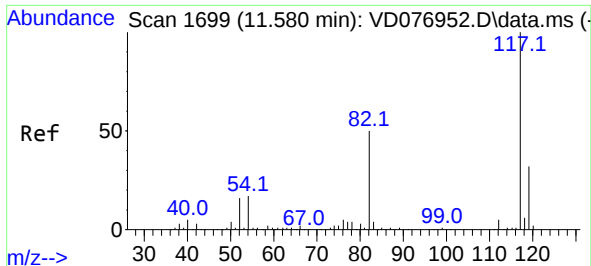
Tgt Ion: 98 Resp: 358424
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.305 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

Tgt Ion: 95 Resp: 105857
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 89.7 0.0 191.8

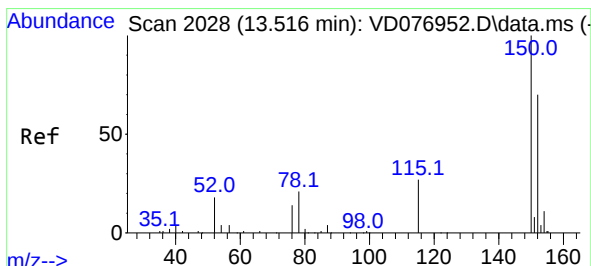
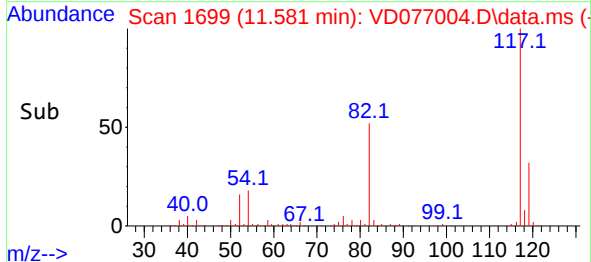
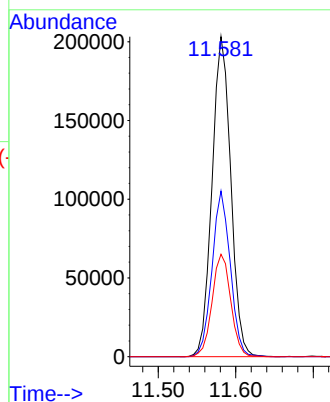
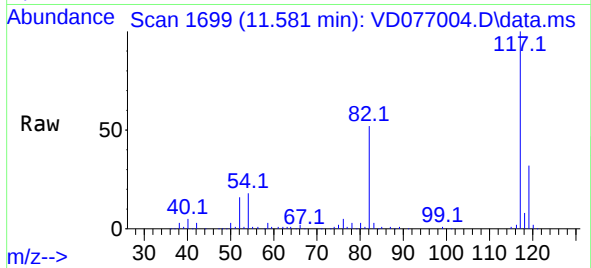




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

Instrument :
MSVOA_D
ClientSampleId :
ETGI-339

Tgt Ion:117 Resp: 341572
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 32.0 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: VD077004.D
Acq: 14 Aug 2023 16:38

Tgt Ion:152 Resp: 146431
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 156.3 0.0 353.6

