

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)

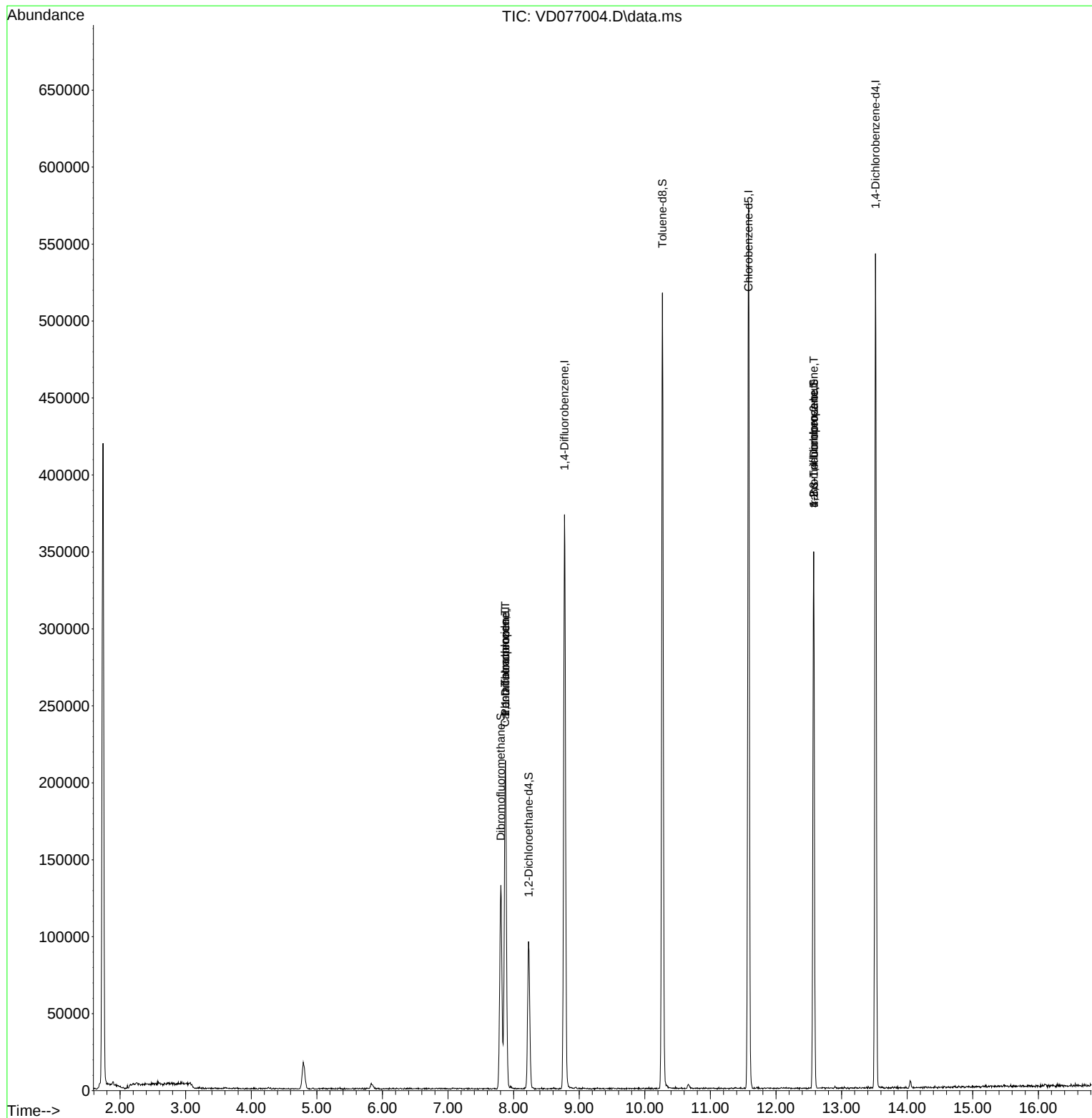
Internal Standards						
1) Pentafluorobenzene	7.875	168	171445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	348598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	341572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	4.034	43	58	Below Cal	#	32
20) Methylene Chloride	4.799	84	14000	Below Cal		90
31) Cyclohexane	7.881	56	3230	Below Cal	#	50
36) 1,1-Dichloropropene	7.875	75	12773	5.512	ug/l #	45
38) Carbon Tetrachloride	7.869	117	17455	7.037	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	52885	38.499	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52885	90.450	ug/l #	17

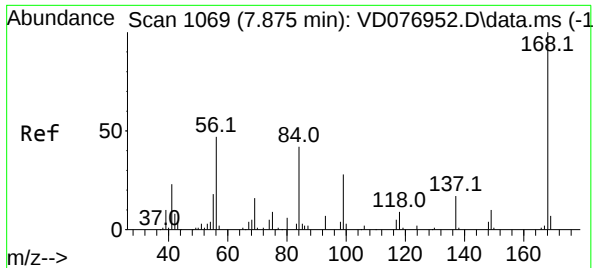
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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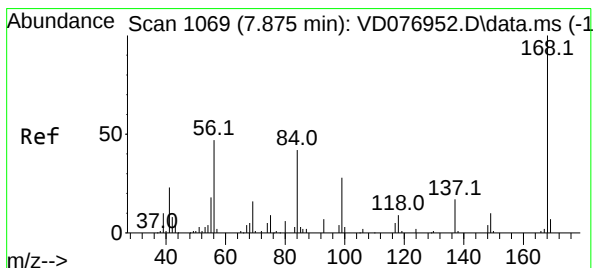
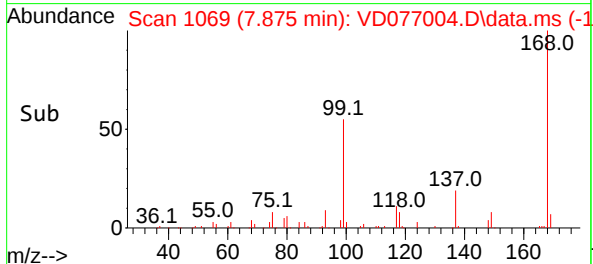
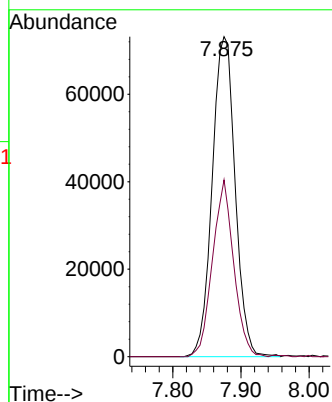
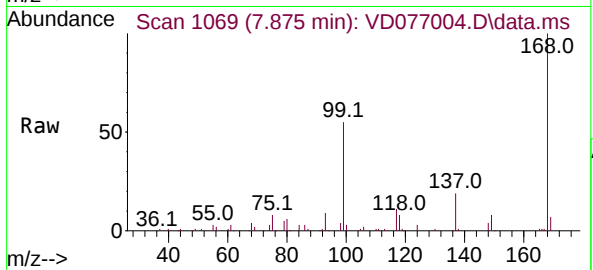




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

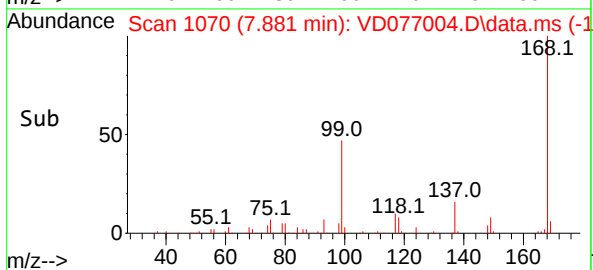
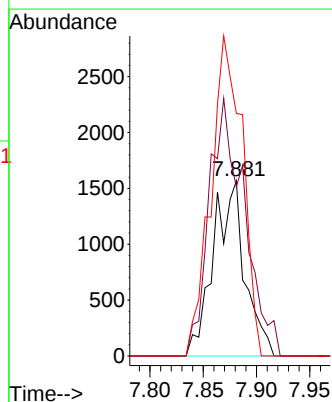
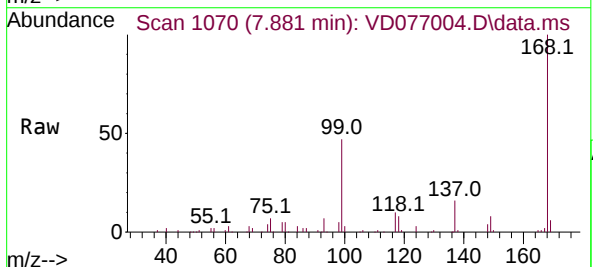
Instrument :
MSVOA_D
ClientSampleId :
ETGI-339

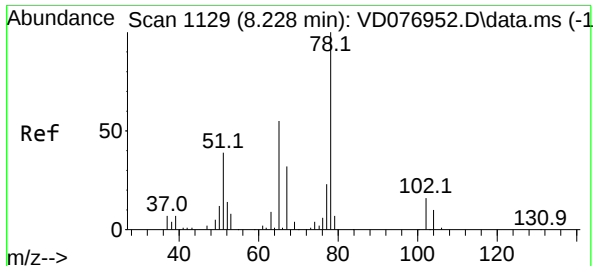
Tgt Ion:168 Resp: 171445
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#31
Cyclohexane
Concen: Below Cal
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

Tgt Ion: 56 Resp: 3230
Ion Ratio Lower Upper
56 100
69 96.5 28.6 43.0#
84 138.5 84.8 127.2#





#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

Instrument :

MSVOA_D

ClientSampleId :

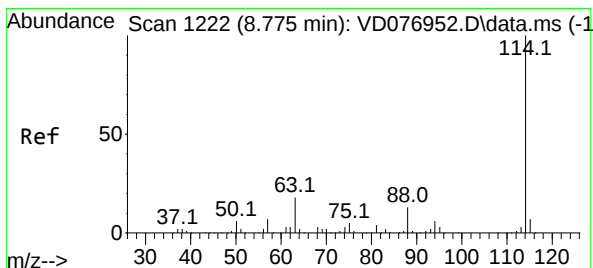
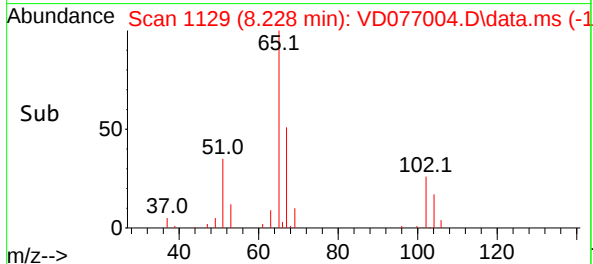
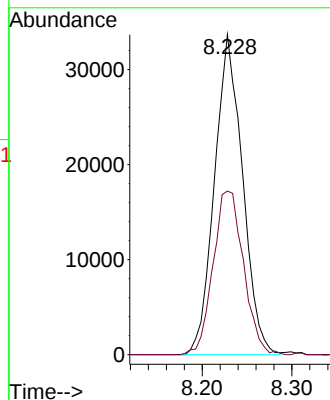
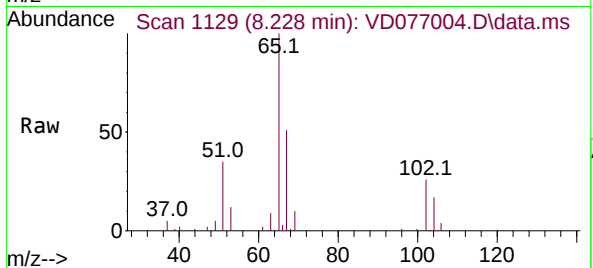
ETGI-339

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# 1222

Delta R.T. 0.000 min

Lab File: VD077004.D

Acq: 14 Aug 2023 16:38

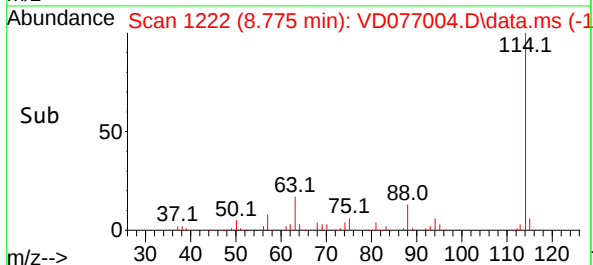
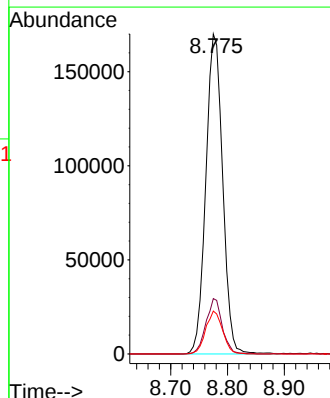
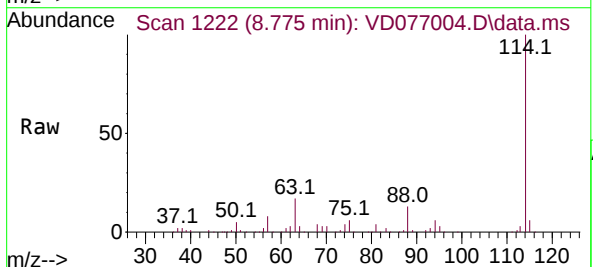
Tgt Ion: 114 Resp: 348598

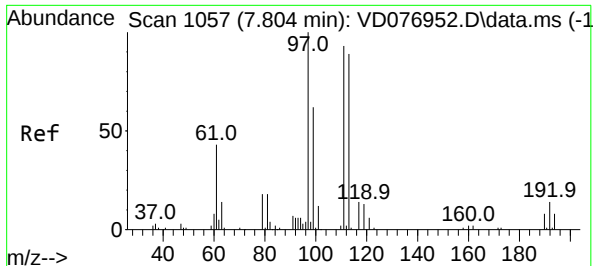
Ion Ratio Lower Upper

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

Instrument :

MSVOA_D

ClientSampleId :

ETGI-339

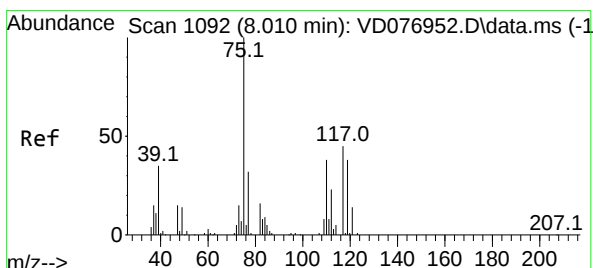
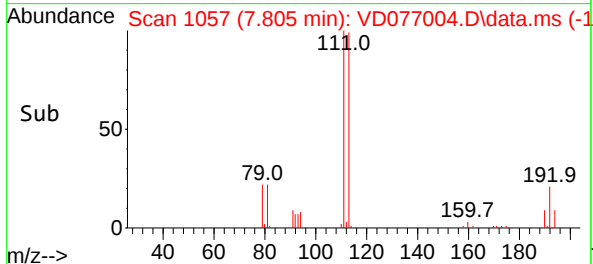
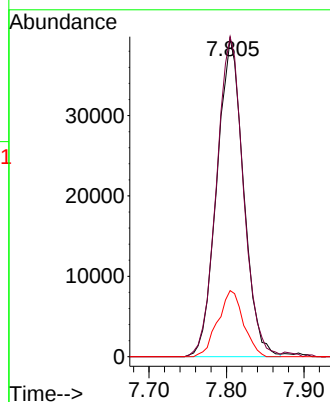
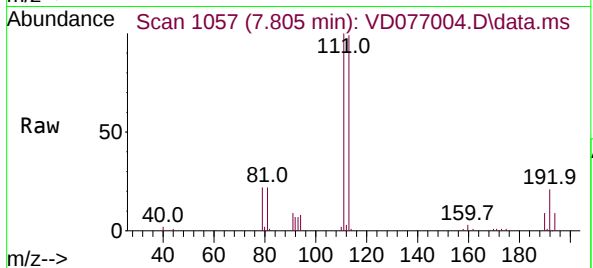
Tgt Ion:113 Resp: 94453

Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 19.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.512 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD077004.D

Acq: 14 Aug 2023 16:38

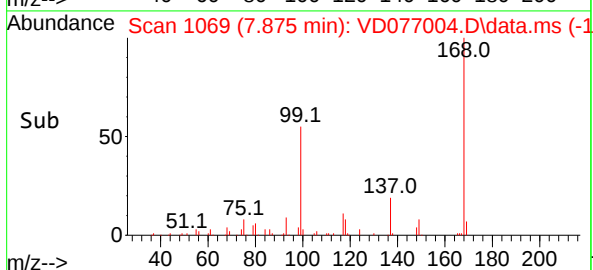
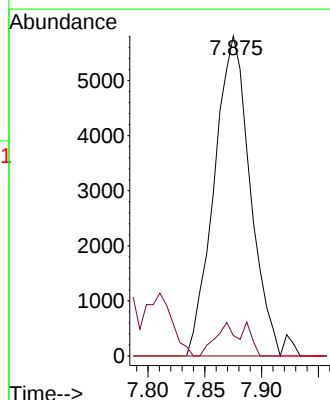
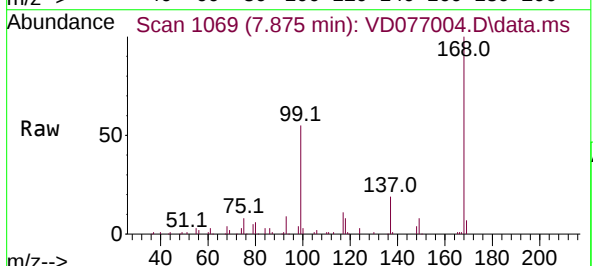
Tgt Ion: 75 Resp: 12773

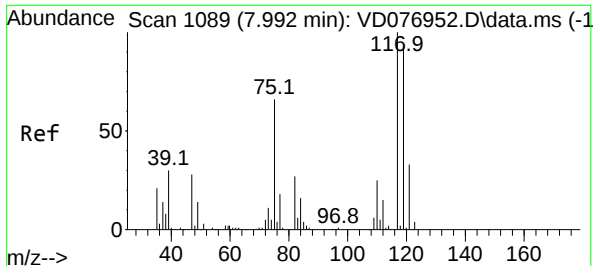
Ion Ratio Lower Upper

75 100

110 6.0 19.9 59.6#

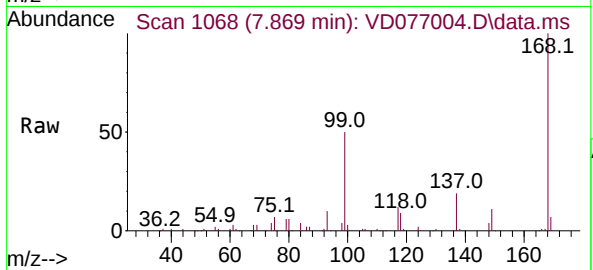
77 0.0 24.7 37.1#



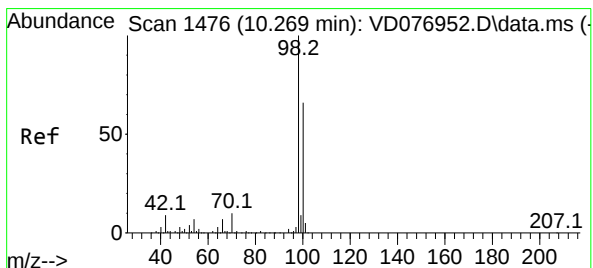
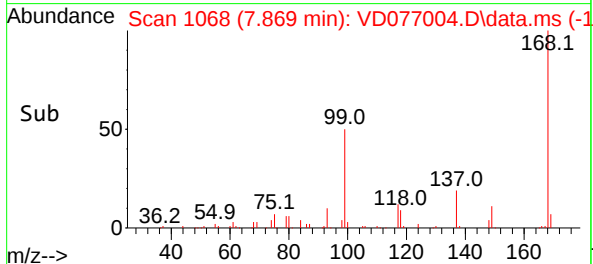
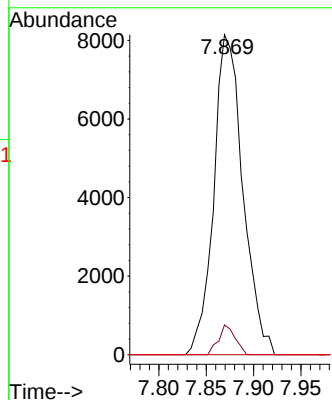


#38
Carbon Tetrachloride
Concen: 7.037 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

Instrument :
MSVOA_D
ClientSampleId :
ETGI-339

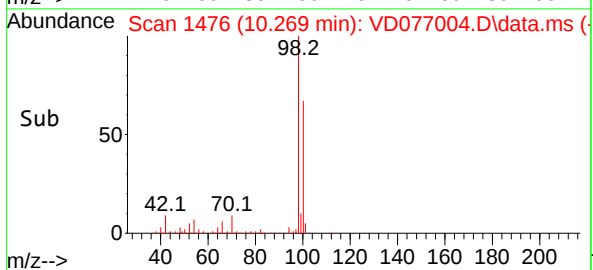
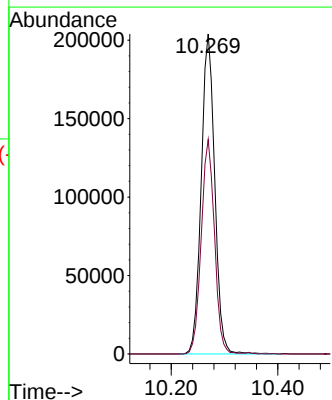
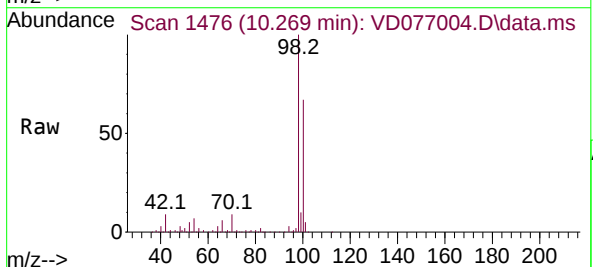


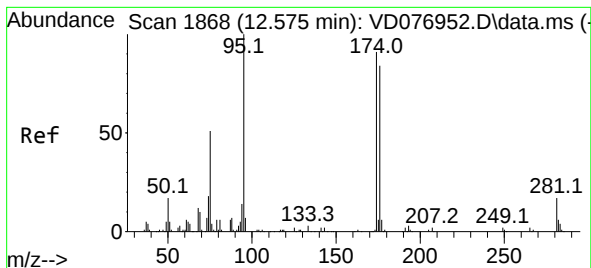
Tgt Ion:117 Resp: 17455
Ion Ratio Lower Upper
117 100
119 9.3 78.0 117.0#
121 0.0 24.2 36.2#



#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

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

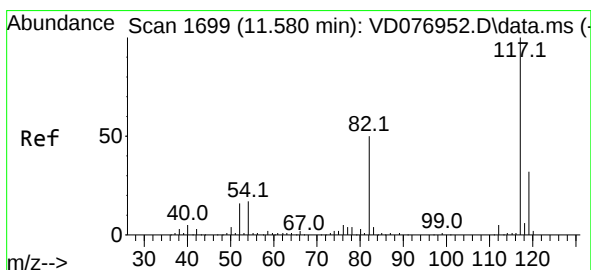
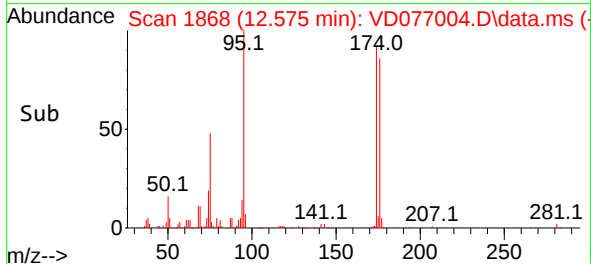
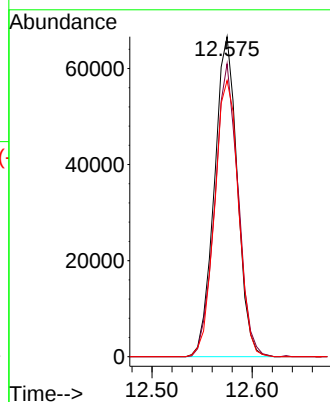
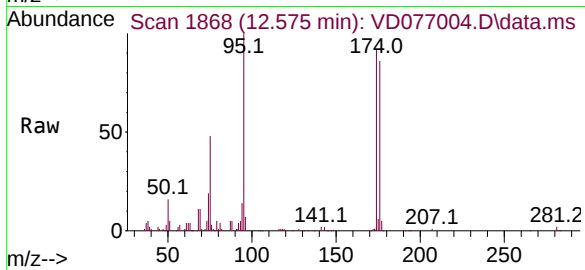




#62
4-Bromofluorobenzene
Concen: 50.305 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

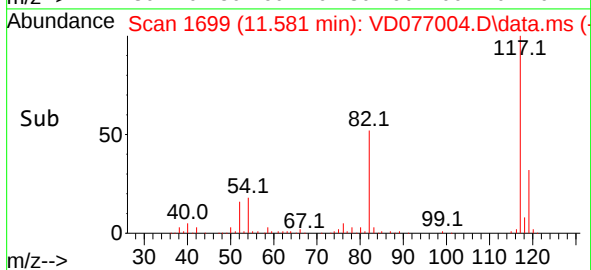
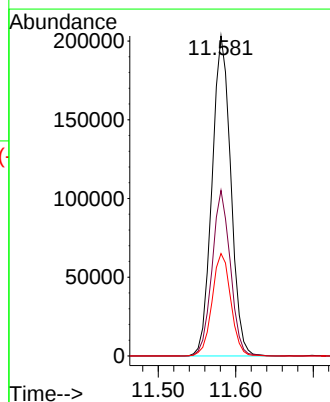
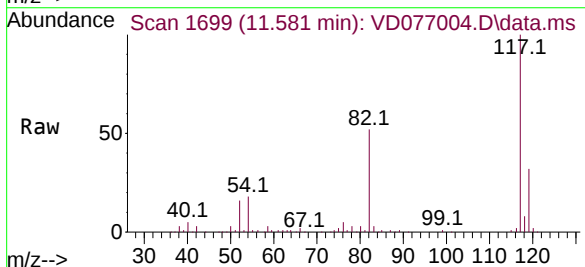
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MSVOA_D
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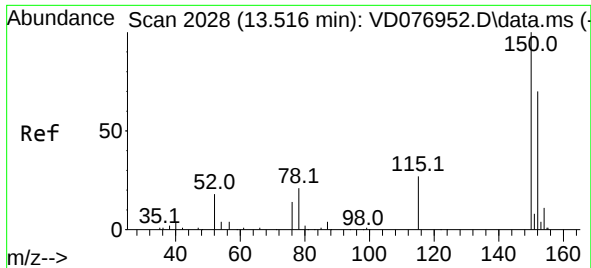
Tgt Ion: 95 Resp: 105857
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 89.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077004.D
Acq: 14 Aug 2023 16:38

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

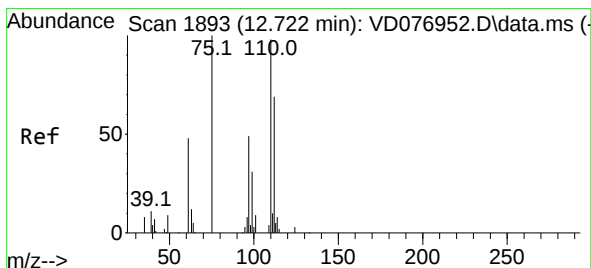
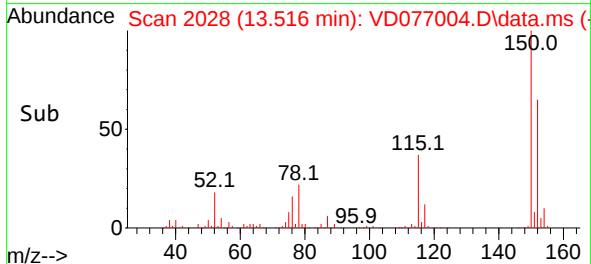
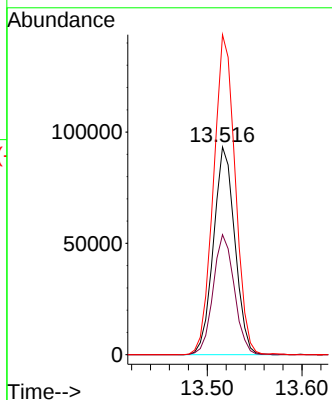
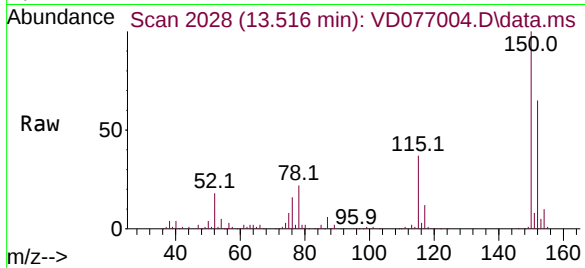




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077004.D
 Acq: 14 Aug 2023 16:38

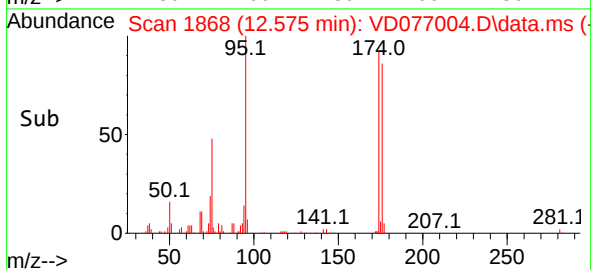
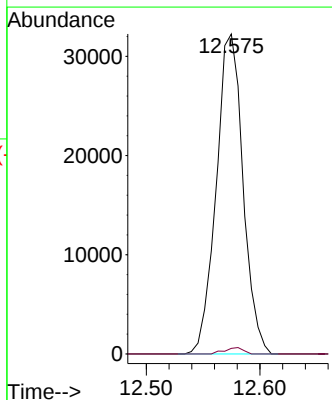
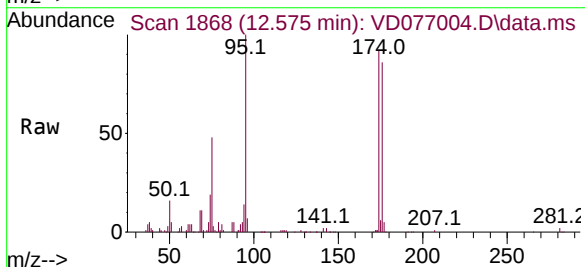
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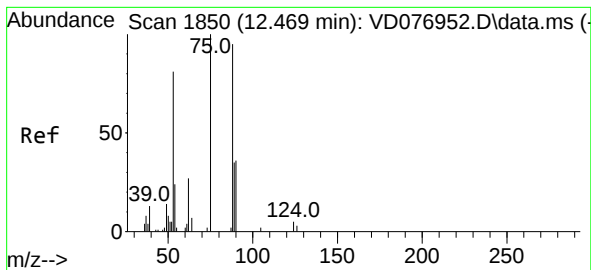
Tgt Ion:152 Resp: 146431
 Ion Ratio Lower Upper
 152 100
 115 57.2 27.1 81.3
 150 156.3 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 38.499 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD077004.D
 Acq: 14 Aug 2023 16:38

Tgt Ion: 75 Resp: 52885
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.450 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD077004.D
 Acq: 14 Aug 2023 16:38

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-339

Tgt Ion: 75 Resp: 52885
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

