

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076195.D
 Acq On : 23 May 2023 16:01
 Operator : KP/SY
 Sample : 02871-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-367

Quant Time: May 24 06:42:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

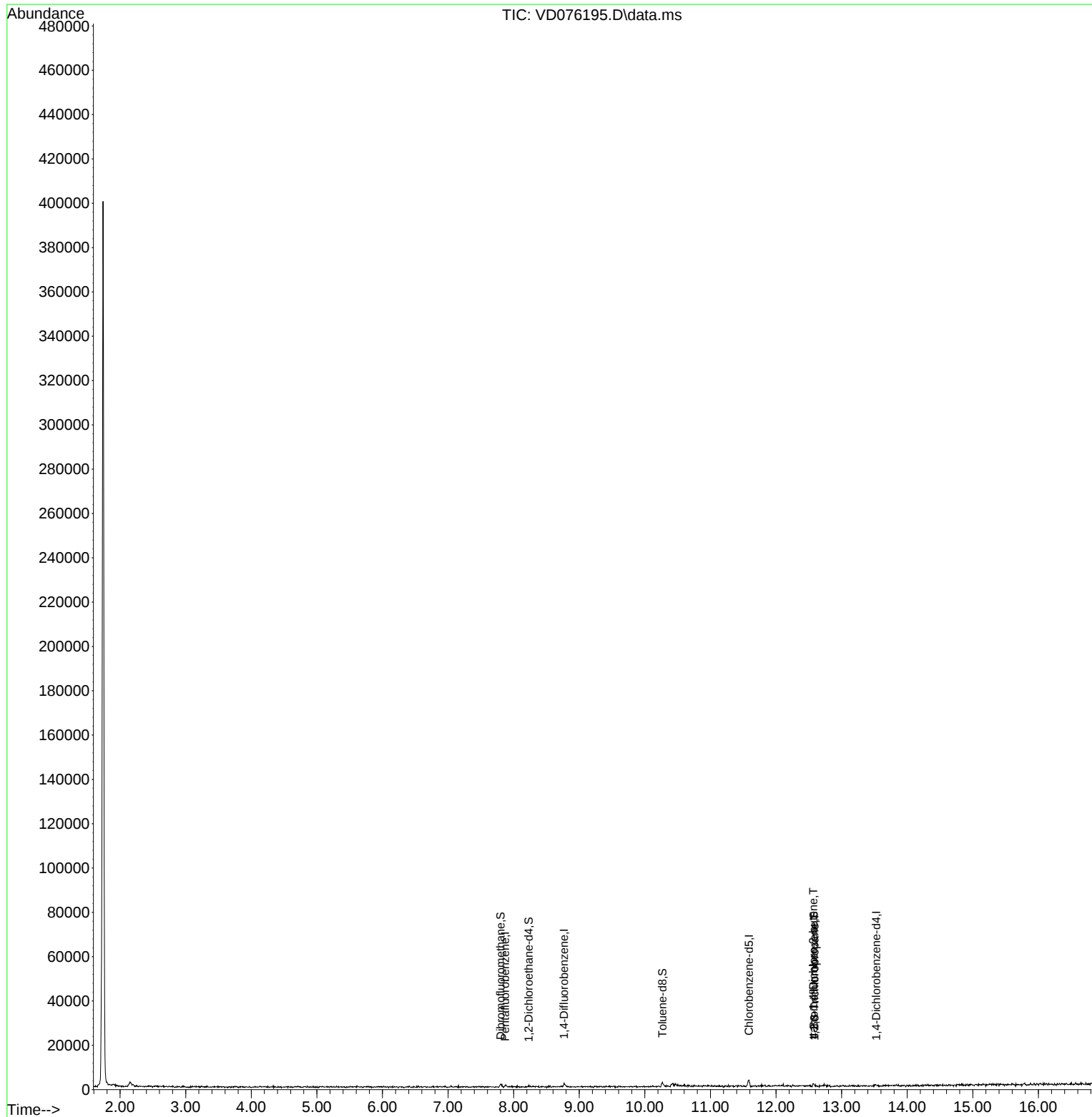
Internal Standards						
1) Pentafluorobenzene	7.869	168	845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	2403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	2335	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.528	152	416	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	490	60.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.000%	
35) Dibromofluoromethane	7.799	113	596	35.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 71.760%	
50) Toluene-d8	10.269	98	1982	30.610	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 61.220%	
62) 4-Bromofluorobenzene	12.575	95	504	28.021	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 56.040%	
Target Compounds						
					Qvalue	
76) 1,2,3-Trichloropropane	12.587	75	59	16.207	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	126	72.610	ug/l #	5

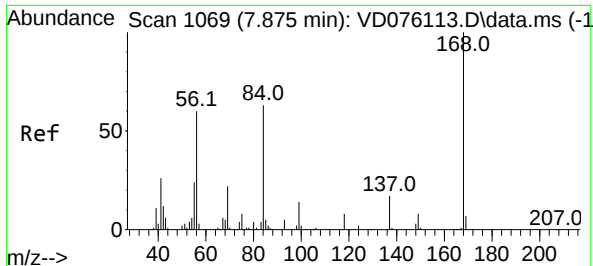
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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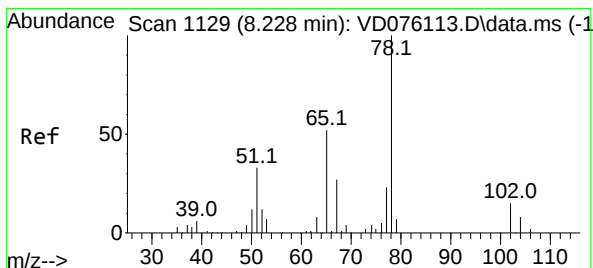
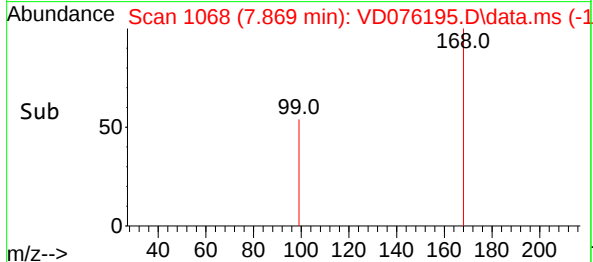
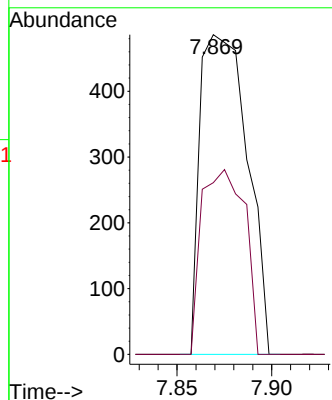
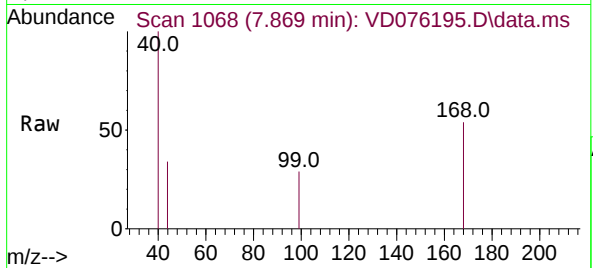




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076195.D
Acq: 23 May 2023 16:01

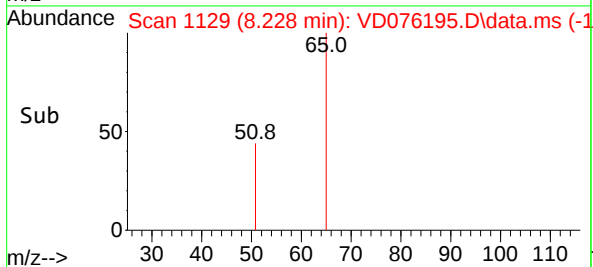
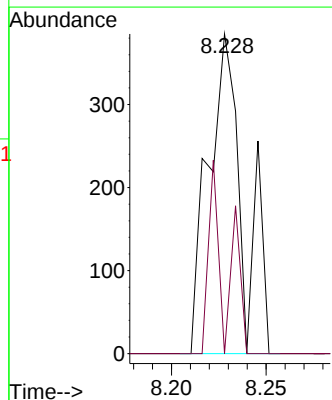
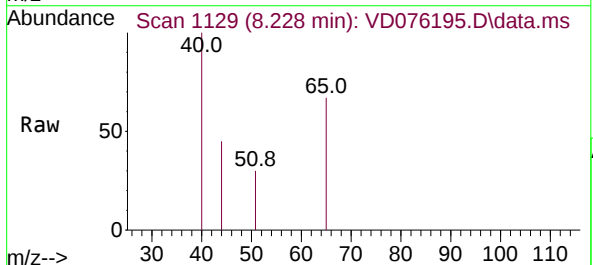
Instrument :
MSVOA_D
ClientSampleId :
ETGI-367

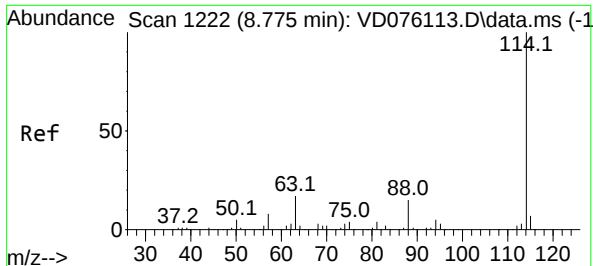
Tgt Ion:168 Resp: 845
Ion Ratio Lower Upper
168 100
99 53.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 60.000 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076195.D
Acq: 23 May 2023 16:01

Tgt Ion: 65 Resp: 490
Ion Ratio Lower Upper
65 100
67 29.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076195.D

Acq: 23 May 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

ETGI-367

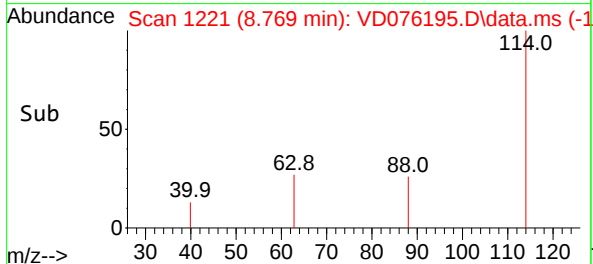
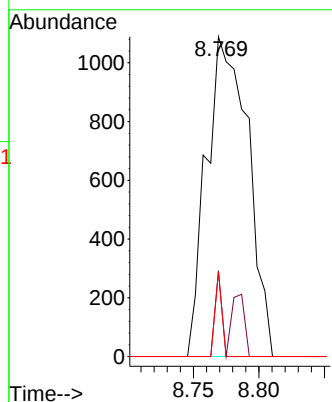
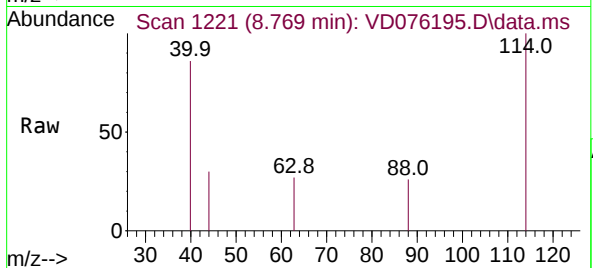
Tgt Ion:114 Resp: 2403

Ion Ratio Lower Upper

114 100

63 26.8 0.0 41.6

88 26.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 35.882 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076195.D

Acq: 23 May 2023 16:01

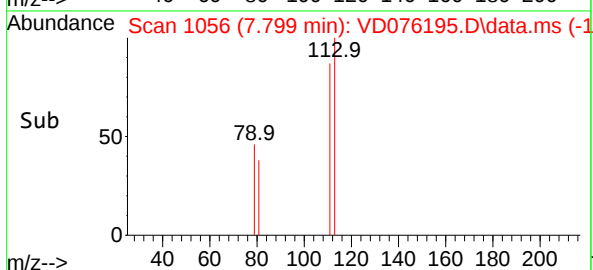
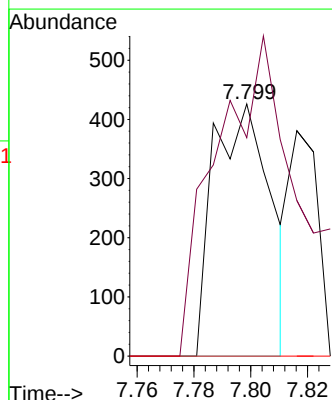
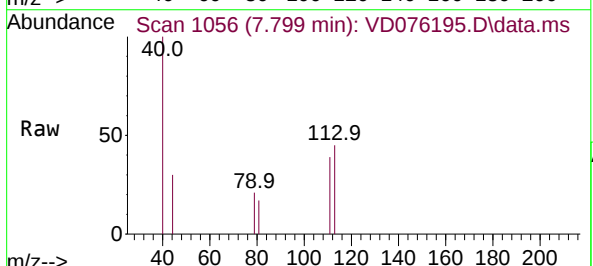
Tgt Ion:113 Resp: 596

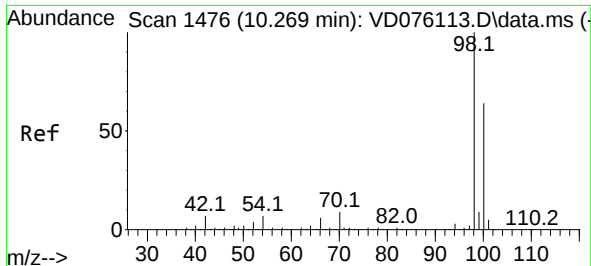
Ion Ratio Lower Upper

113 100

111 177.5 81.4 122.0#

192 0.0 15.2 22.8#

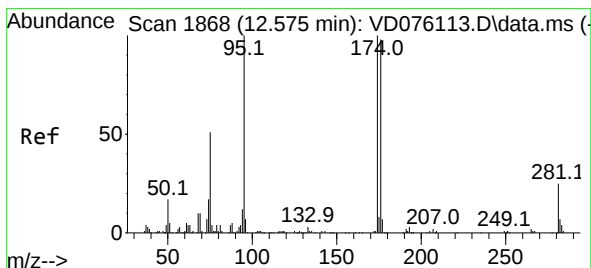
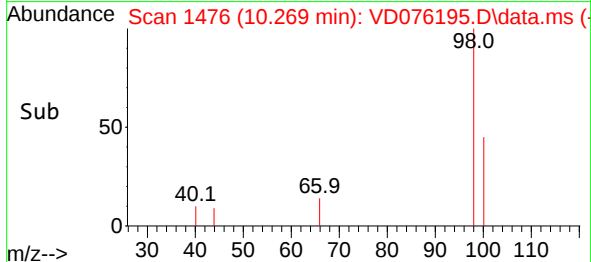
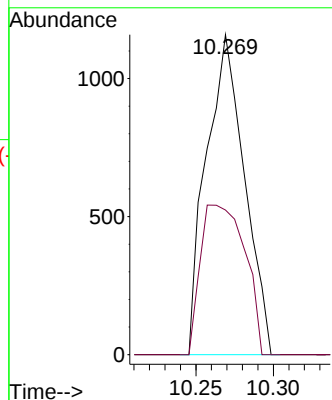
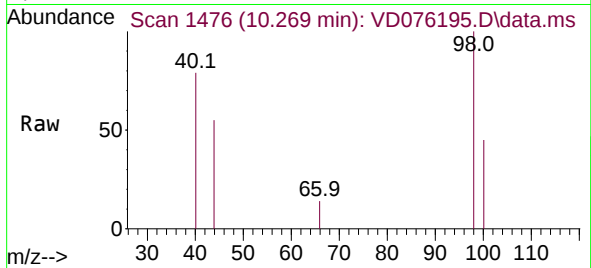




#50
Toluene-d8
Concen: 30.610 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076195.D
Acq: 23 May 2023 16:01

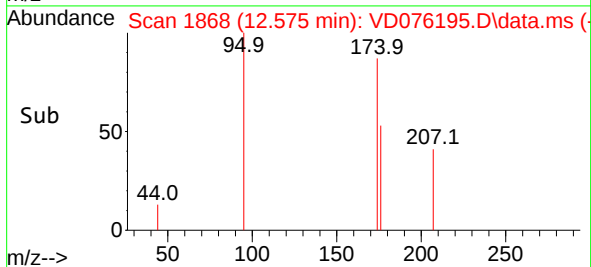
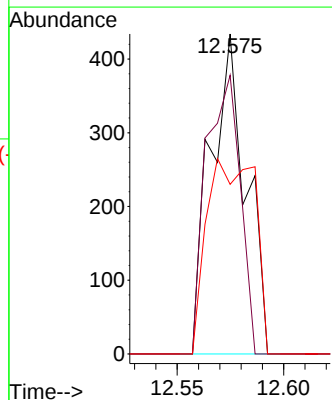
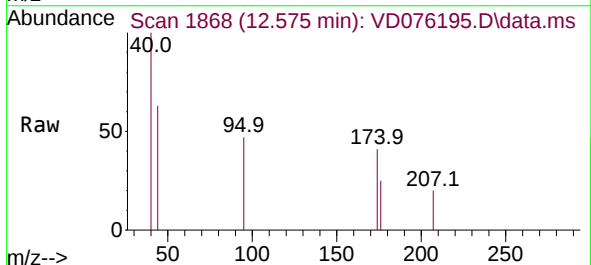
Instrument :
MSVOA_D
ClientSampleId :
ETGI-367

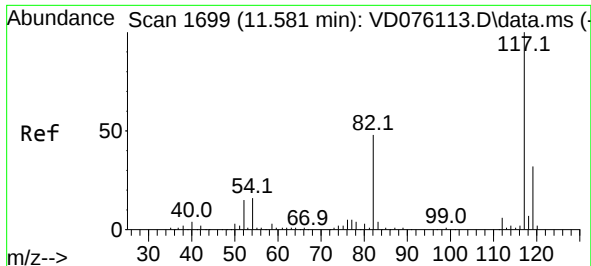
Tgt Ion: 98 Resp: 1982
Ion Ratio Lower Upper
98 100
100 54.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 28.021 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076195.D
Acq: 23 May 2023 16:01

Tgt Ion: 95 Resp: 504
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 82.3 0.0 156.8

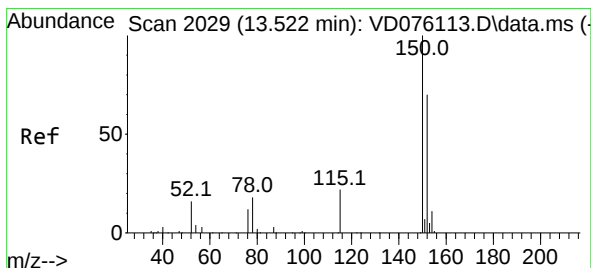
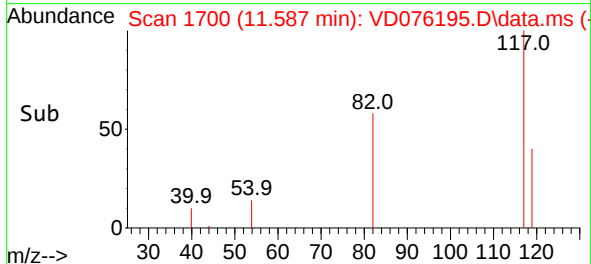
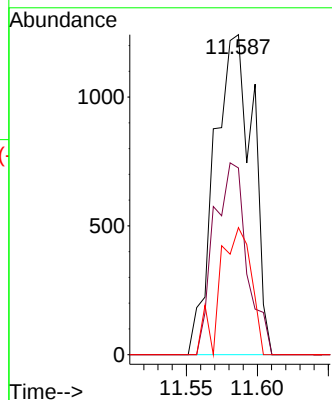
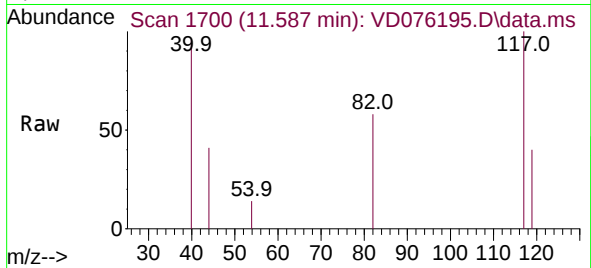




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076195.D
Acq: 23 May 2023 16:01

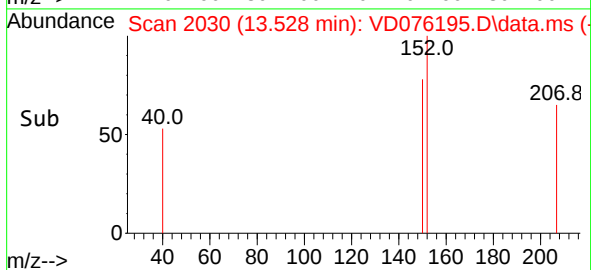
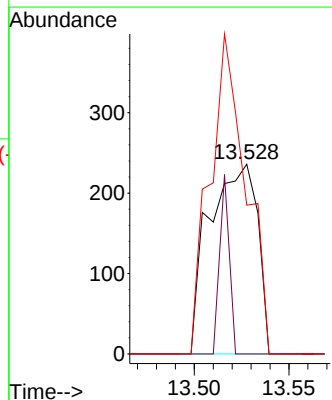
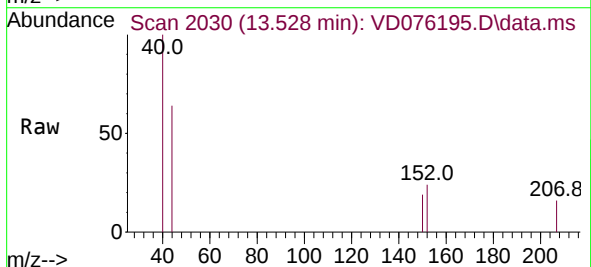
Instrument :
MSVOA_D
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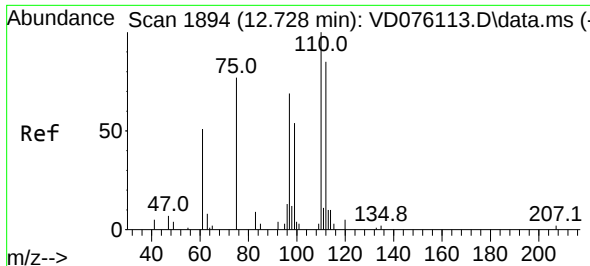
Tgt Ion:117 Resp: 2335
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 39.7 25.1 37.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.528 min Scan# 2030
Delta R.T. 0.006 min
Lab File: VD076195.D
Acq: 23 May 2023 16:01

Tgt Ion:152 Resp: 416
Ion Ratio Lower Upper
152 100
115 19.0 30.1 90.3#
150 126.2 0.0 364.8

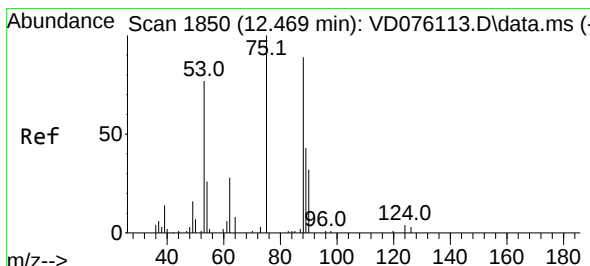
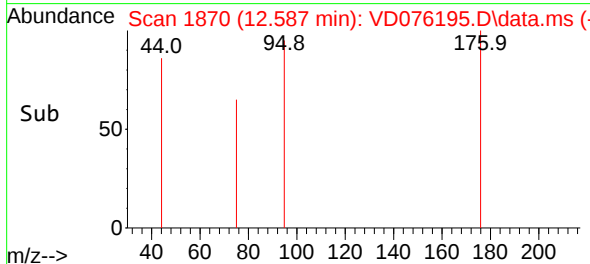
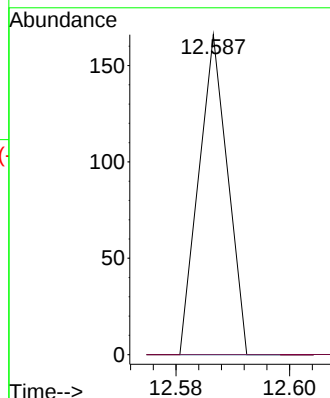
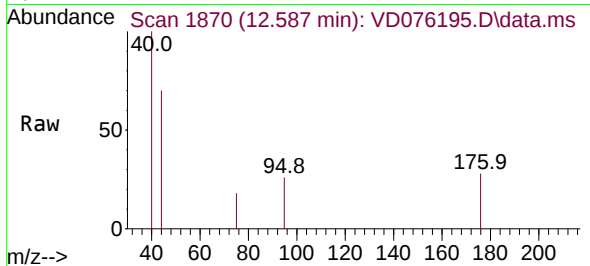




#76
1,2,3-Trichloropropane
Concen: 16.207 ug/l
RT: 12.587 min Scan# 1870
Delta R.T. -0.141 min
Lab File: VD076195.D
Acq: 23 May 2023 16:01

Instrument :
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ClientSampleId :
ETGI-367

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 72.610 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.094 min
Lab File: VD076195.D
Acq: 23 May 2023 16:01

Tgt Ion: 75 Resp: 126
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

