

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076198.D
 Acq On : 23 May 2023 17:30
 Operator : KP/SY
 Sample : 02864-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-280

Quant Time: May 24 06:42:36 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)

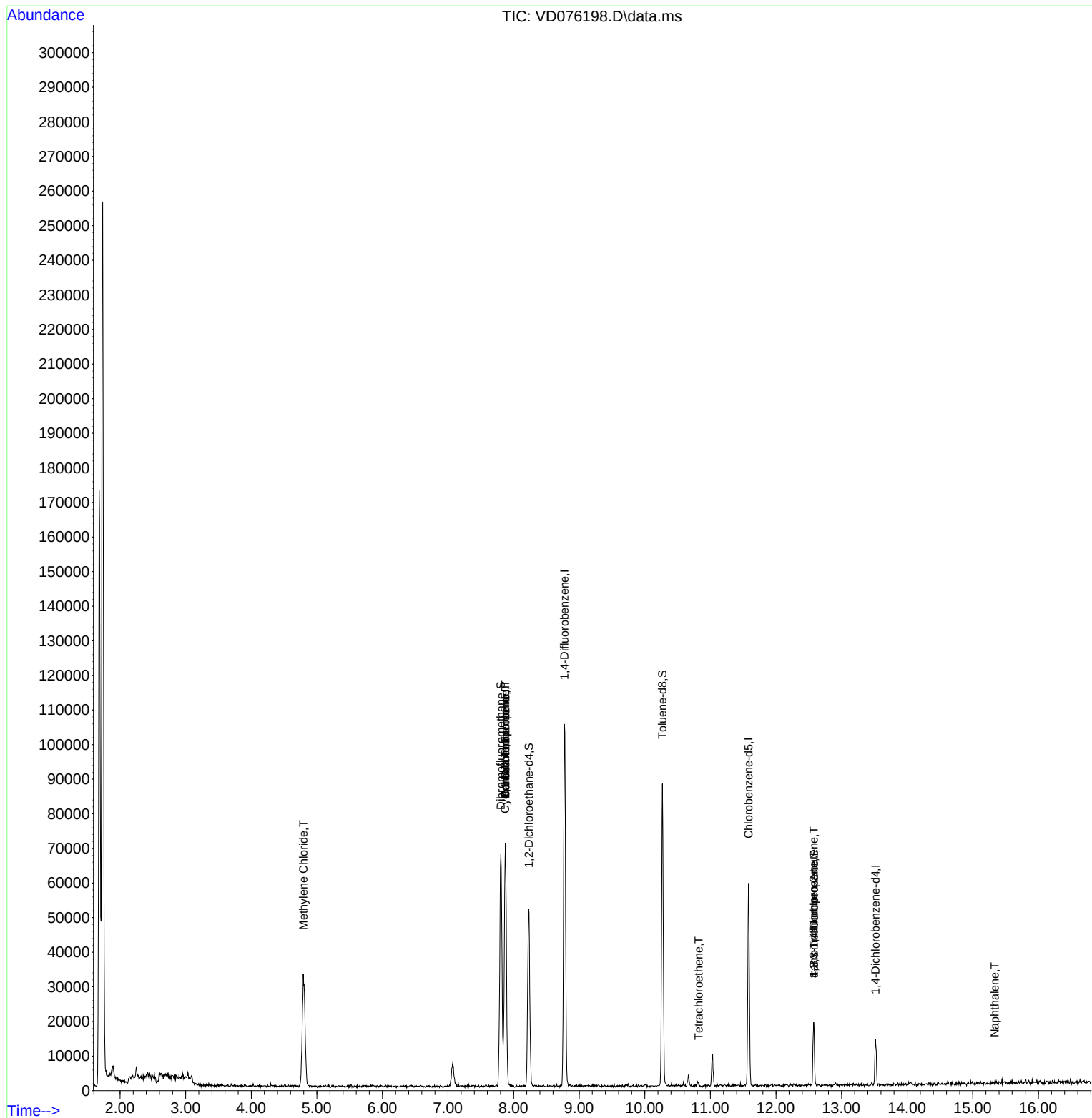
Internal Standards						
1) Pentafluorobenzene	7.875	168	58298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	101286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	37072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39366	69.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.740%	
35) Dibromofluoromethane	7.805	113	50088	71.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.080%	
50) Toluene-d8	10.269	98	63888	23.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 46.820%#	
62) 4-Bromofluorobenzene	12.575	95	5844	7.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 15.420%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	509	Below Cal	#	40
20) Methylene Chloride	4.793	84	27066	25.745	ug/l #	80
31) Cyclohexane	7.869	56	1358	1.574	ug/l #	22
36) 1,1-Dichloropropene	7.875	75	4227	4.470	ug/l #	47
38) Carbon Tetrachloride	7.875	117	5420	6.346	ug/l #	22
64) Tetrachloroethene	10.822	164	362	1.270	ug/l #	27
76) 1,2,3-Trichloropropane	12.575	75	2939	79.248	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	2939	166.249	ug/l #	5
95) Naphthalene	15.334	128	289	2.006	ug/l #	69

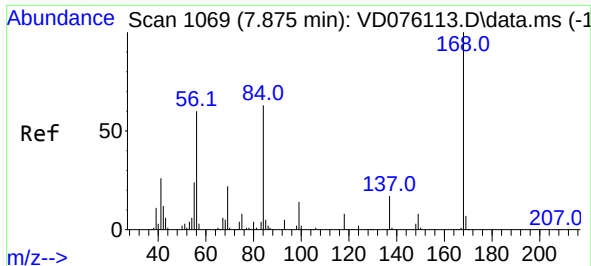
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ETGI-280

Quant Time: May 24 06:42:36 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

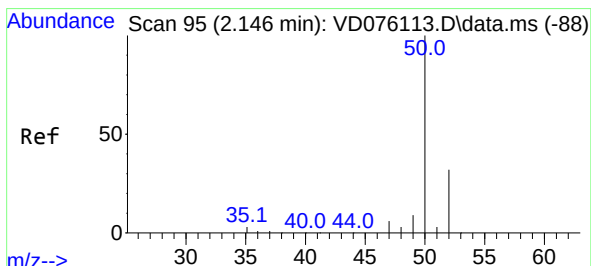
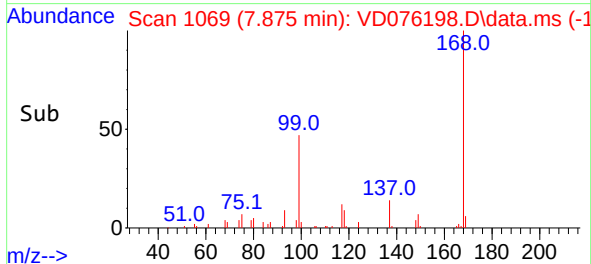
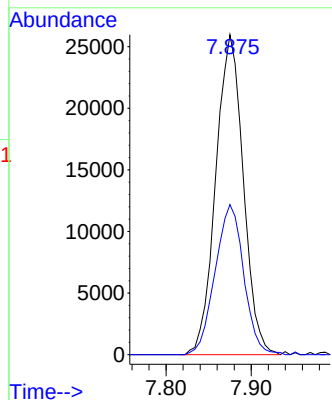
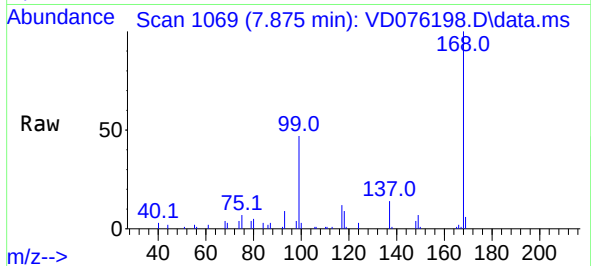




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

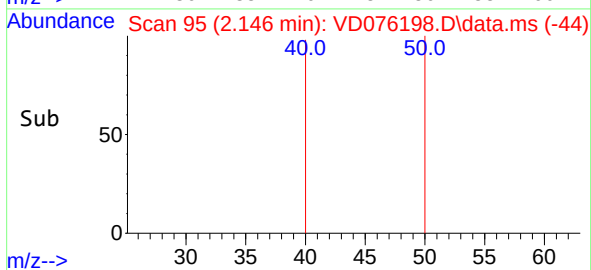
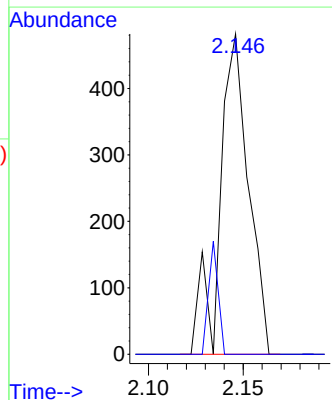
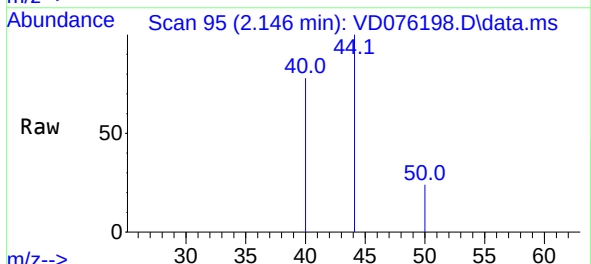
Instrument :
MSVOA_D
ClientSampleId :
ETGI-280

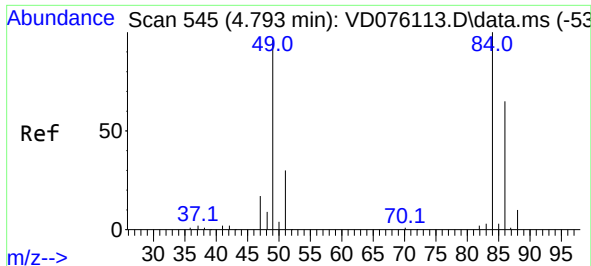
Tgt Ion:168 Resp: 58298
Ion Ratio Lower Upper
168 100
99 46.9 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

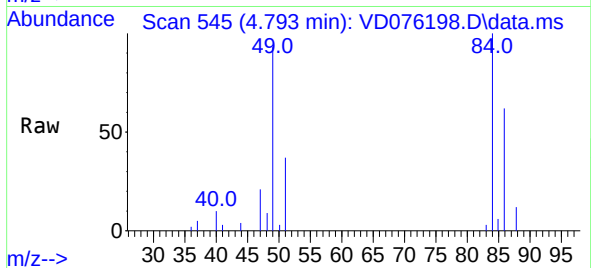
Tgt Ion: 50 Resp: 509
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#





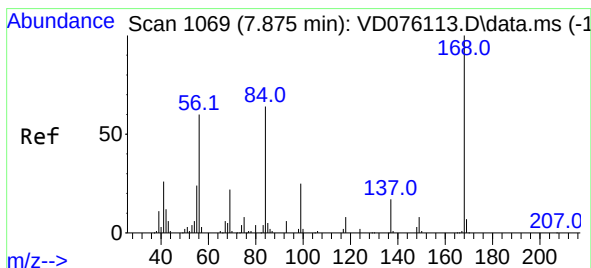
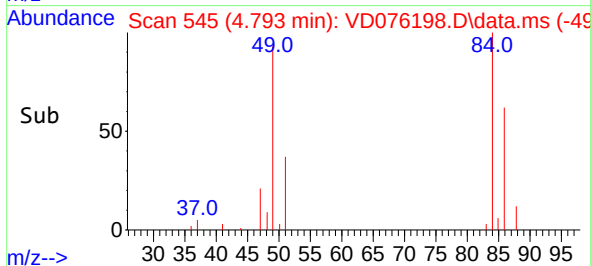
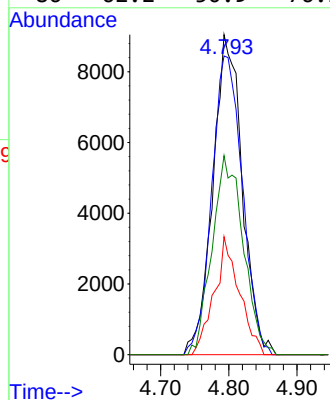
#20
Methylene Chloride
Concen: 25.745 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :
ETGI-280



Tgt Ion: 84 Resp: 27066

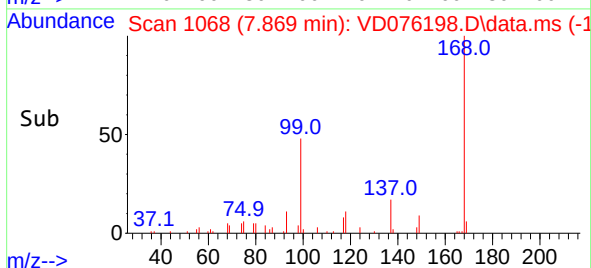
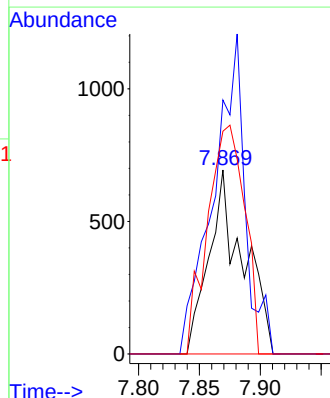
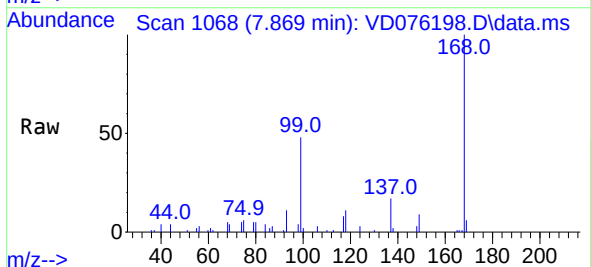
Ion	Ratio	Lower	Upper
84	100		
49	93.3	106.4	159.6#
51	36.9	32.4	48.6
86	62.2	50.9	76.3

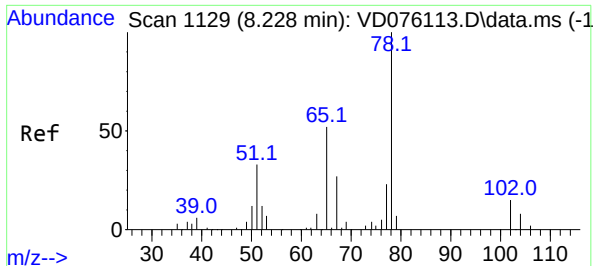


#31
Cyclohexane
Concen: 1.574 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

Tgt Ion: 56 Resp: 1358

Ion	Ratio	Lower	Upper
56	100		
69	138.0	25.5	38.3#
84	121.0	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 69.868 ug/l

RT: 8.234 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076198.D

Acq: 23 May 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

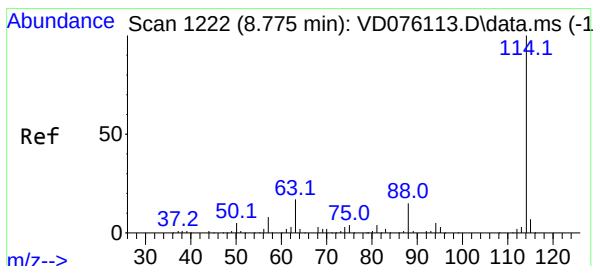
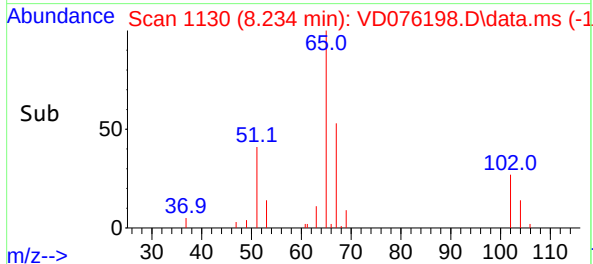
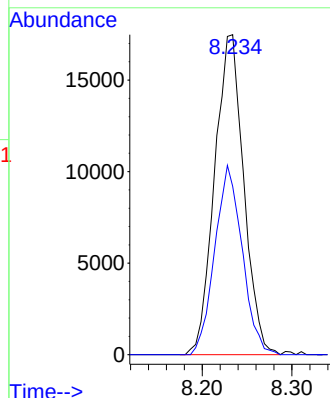
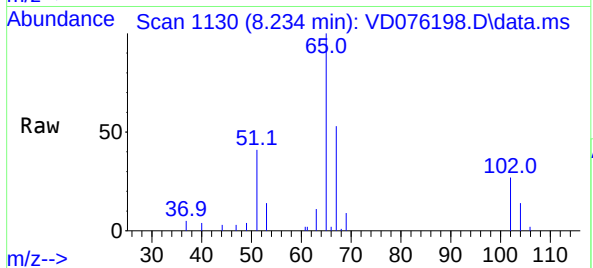
ETGI-280

Tgt Ion: 65 Resp: 39366

Ion Ratio Lower Upper

65 100

67 55.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076198.D

Acq: 23 May 2023 17:30

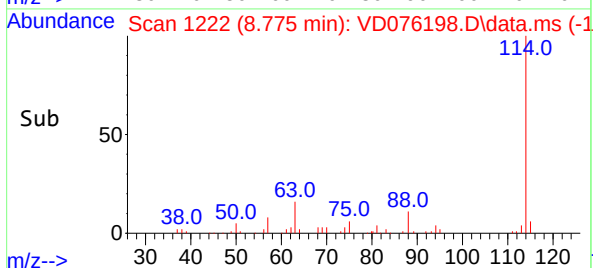
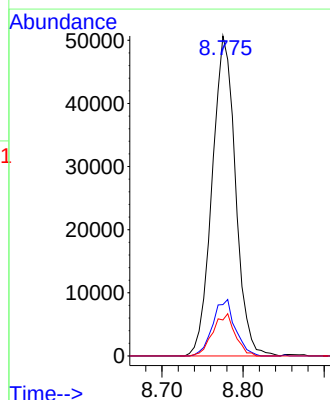
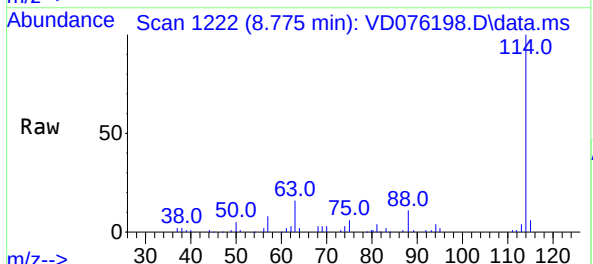
Tgt Ion: 114 Resp: 101286

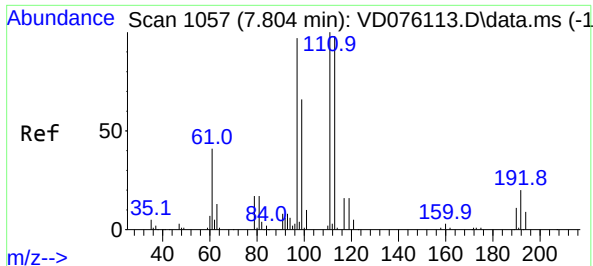
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 11.2 0.0 30.6

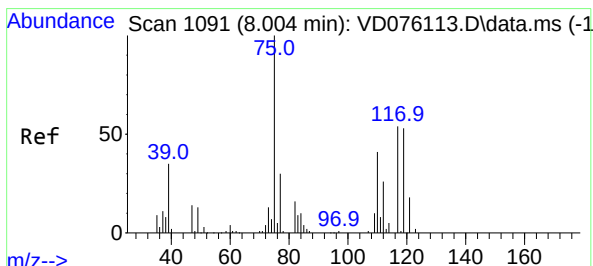
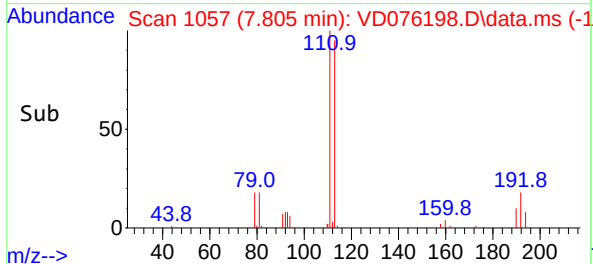
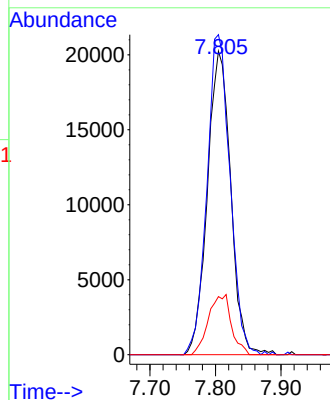
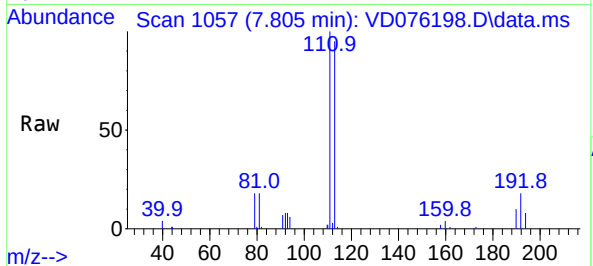




#35
Dibromofluoromethane
Concen: 71.543 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

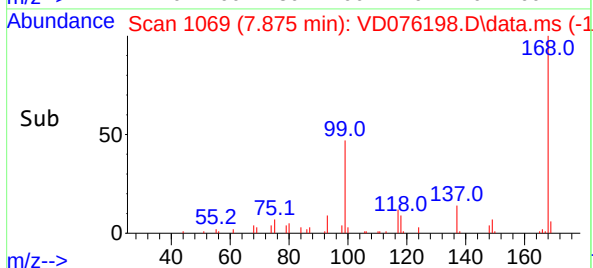
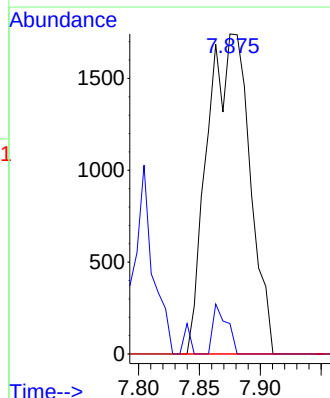
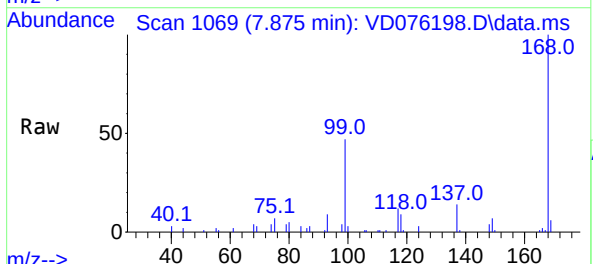
Instrument :
MSVOA_D
ClientSampleId :
ETGI-280

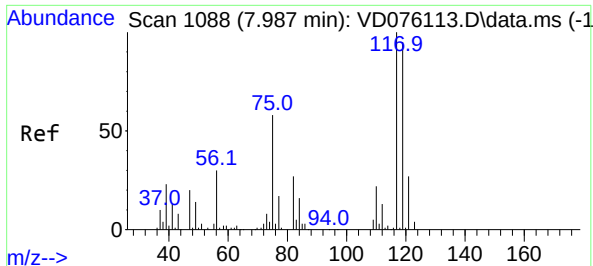
Tgt Ion:	113	Resp:	50088
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.4	122.0
192	19.4	15.2	22.8



#36
1,1-Dichloropropene
Concen: 4.470 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

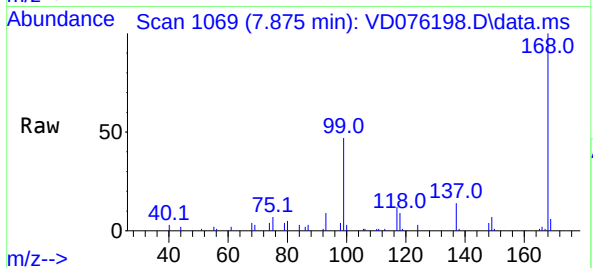
Tgt Ion:	75	Resp:	4227
Ion	Ratio	Lower	Upper
75	100		
110	5.2	17.1	51.2#
77	0.0	24.6	36.8#



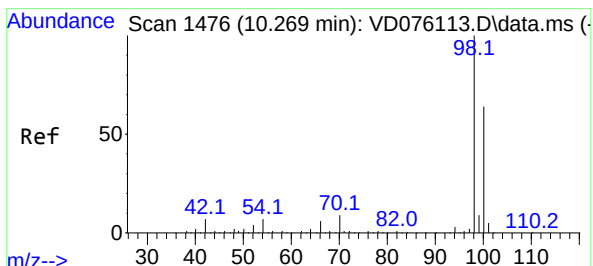
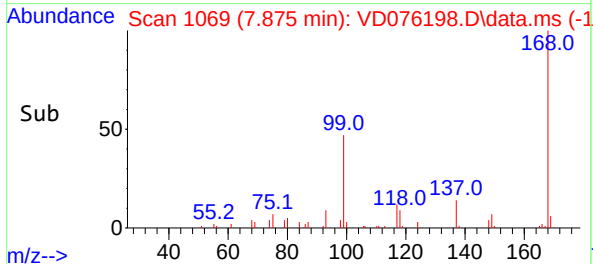
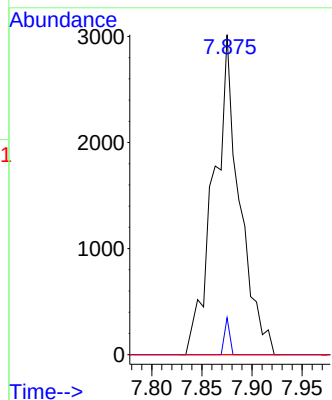


#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :
ETGI-280

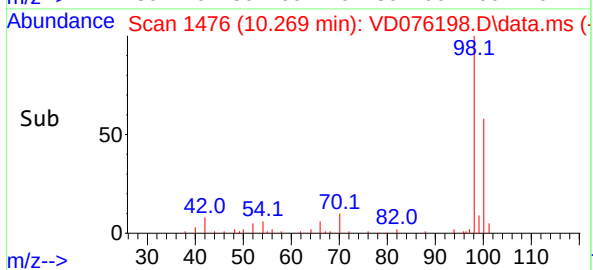
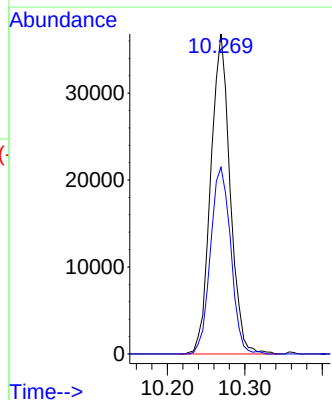
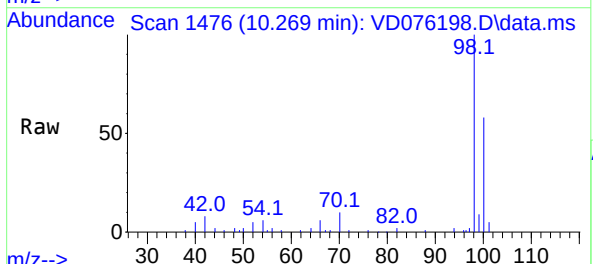


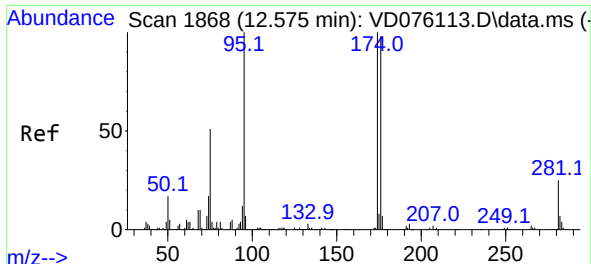
Tgt Ion:117 Resp: 5420
Ion Ratio Lower Upper
117 100
119 11.5 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 23.409 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

Tgt Ion: 98 Resp: 63888
Ion Ratio Lower Upper
98 100
100 61.1 52.1 78.1

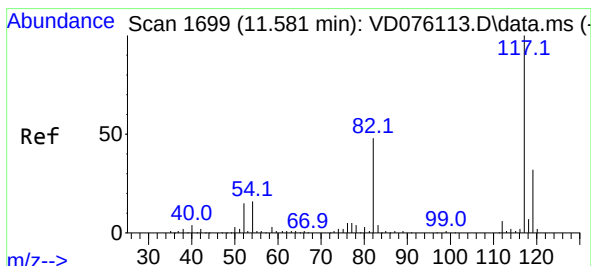
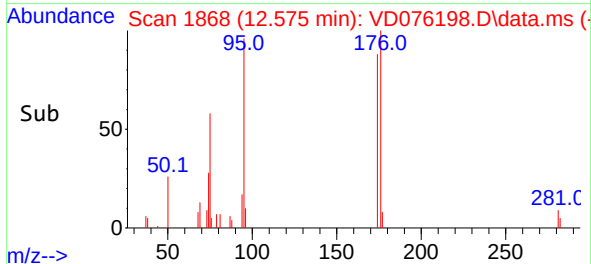
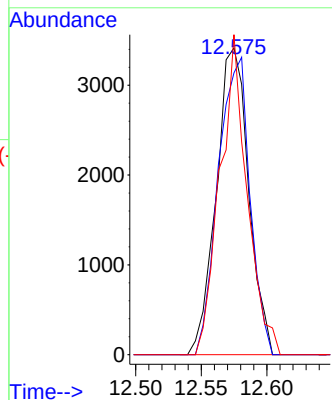
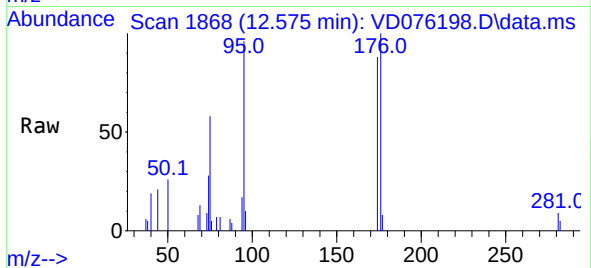




#62
4-Bromofluorobenzene
Concen: 7.708 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

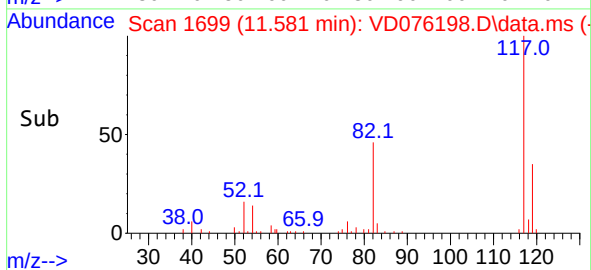
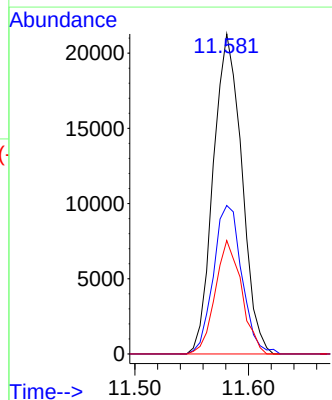
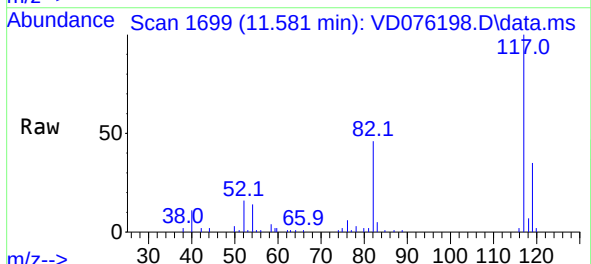
Instrument :
MSVOA_D
ClientSampleId :
ETGI-280

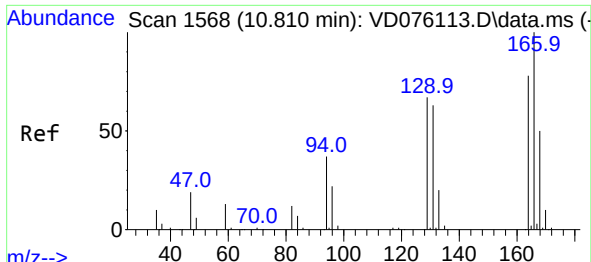
Tgt Ion:	95	Resp:	5844
Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	164.0
176	88.0	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

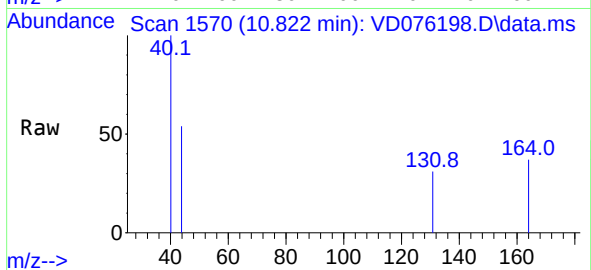
Tgt Ion:	117	Resp:	37072
Ion	Ratio	Lower	Upper
117	100		
82	46.4	44.0	66.0
119	35.4	25.1	37.7



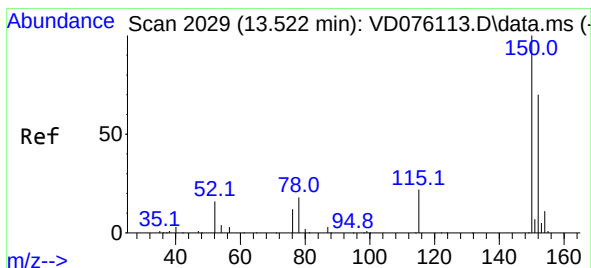
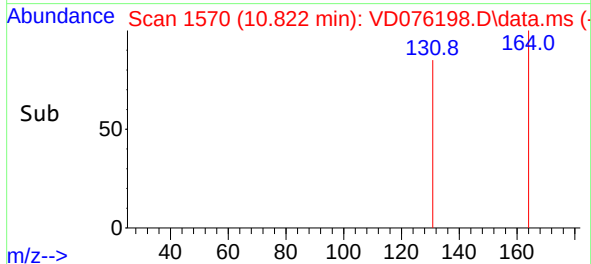
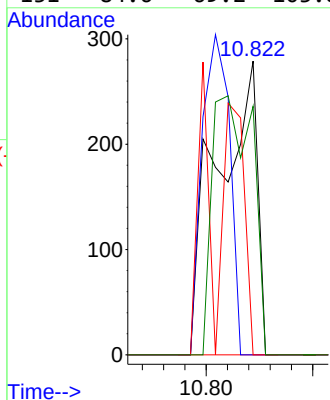


#64
Tetrachloroethene
Concen: 1.270 ug/l
RT: 10.822 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :
ETGI-280

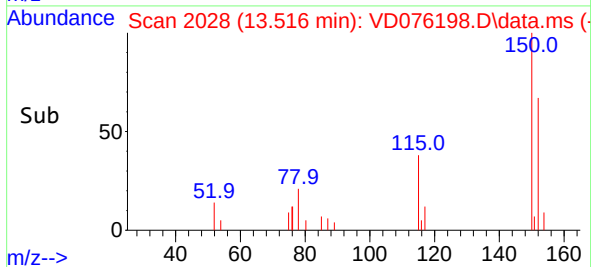
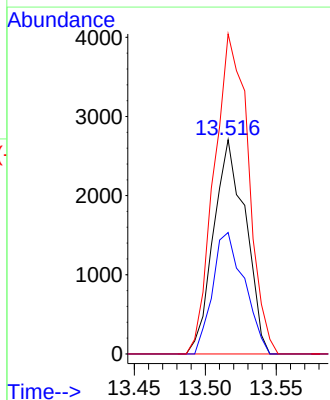
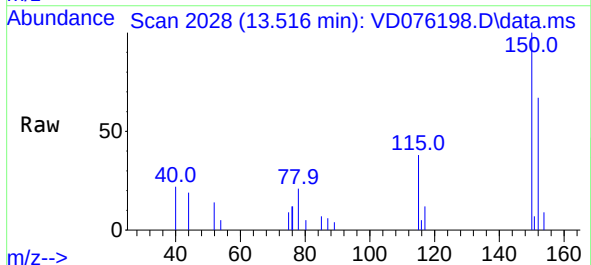


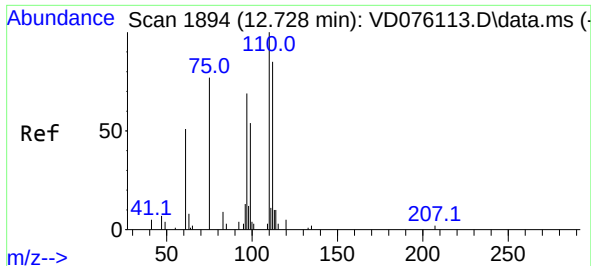
Tgt Ion:164 Resp: 362
Ion Ratio Lower Upper
164 100
166 0.0 94.9 142.3#
129 0.0 73.0 109.6#
131 84.6 69.2 103.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

Tgt Ion:152 Resp: 4238
Ion Ratio Lower Upper
152 100
115 56.4 30.1 90.3
150 159.4 0.0 364.8

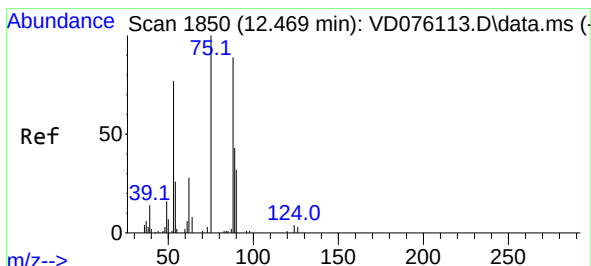
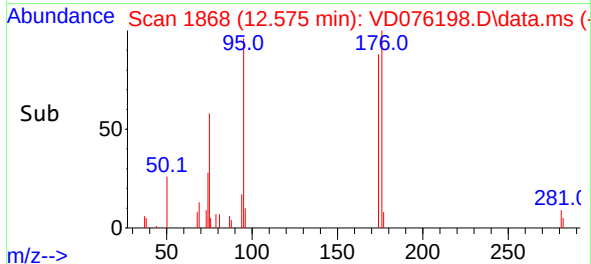
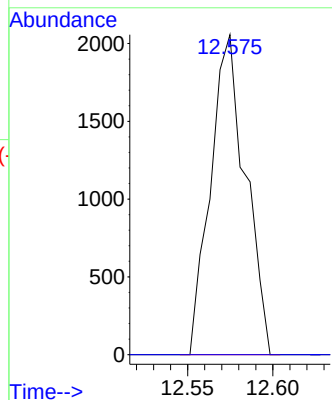
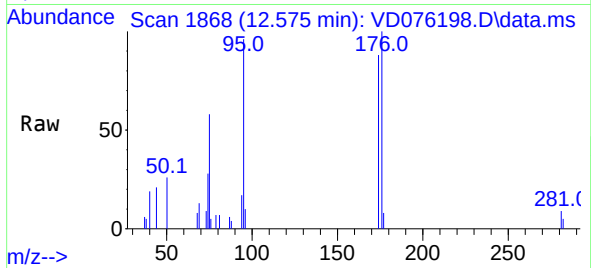




#76
1,2,3-Trichloropropane
Concen: 79.248 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

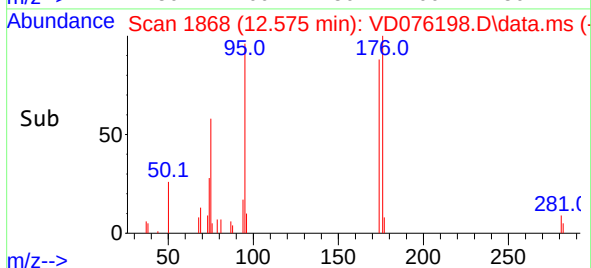
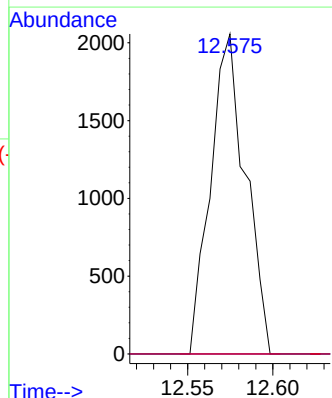
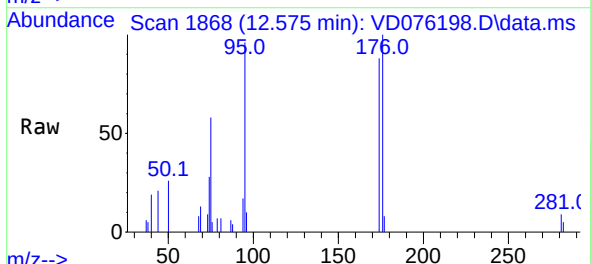
Instrument :
MSVOA_D
ClientSampleId :
ETGI-280

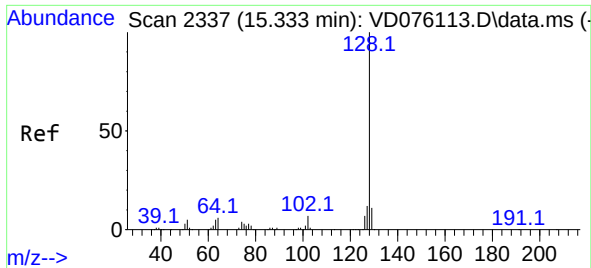
Tgt Ion: 75 Resp: 2939
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 166.249 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

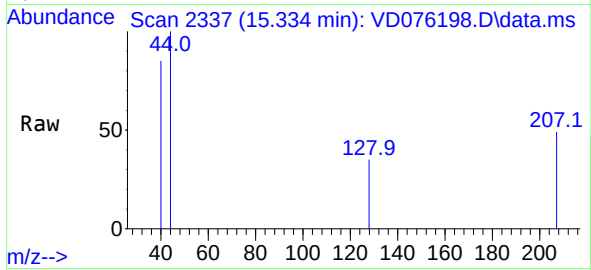
Tgt Ion: 75 Resp: 2939
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#95
Naphthalene
Concen: 2.006 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076198.D
Acq: 23 May 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :
ETGI-280



Tgt Ion:128 Resp: 289
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

