

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076214.D
 Acq On : 24 May 2023 15:10
 Operator : KP/SY
 Sample : 02864-03RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-280RE

Quant Time: May 24 16:27:43 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)

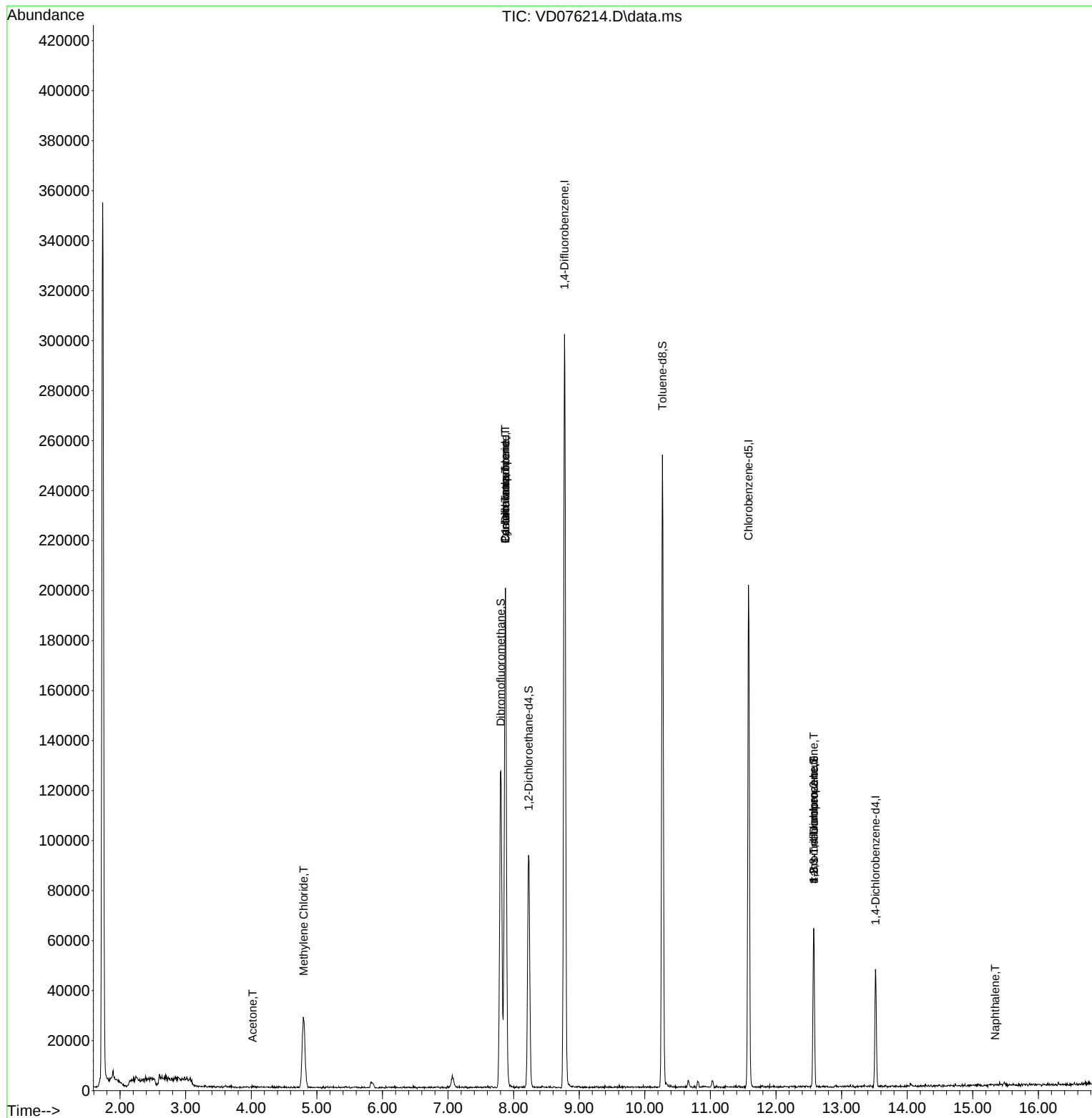
Internal Standards						
1) Pentafluorobenzene	7.875	168	161344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	290417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	130188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	13594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72750	46.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.300%
35) Dibromofluoromethane	7.805	113	97428	48.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.269	98	188406	24.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	48.160%#
62) 4-Bromofluorobenzene	12.575	95	19866	9.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.280%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	596	Below Cal	#	40
16) Acetone	4.022	43	599	1.931	ug/l #	44
20) Methylene Chloride	4.799	84	24266	1.305	ug/l #	80
31) Cyclohexane	7.875	56	3767	1.577	ug/l #	19
36) 1,1-Dichloropropene	7.875	75	12249	4.518	ug/l #	49
38) Carbon Tetrachloride	7.875	117	14234	5.813	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	10278	86.400	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	10278	181.252	ug/l #	5
95) Naphthalene	15.339	128	463	1.002	ug/l #	69

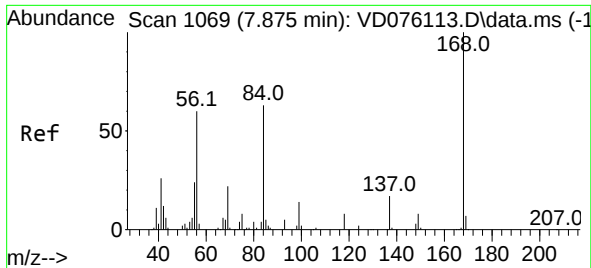
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

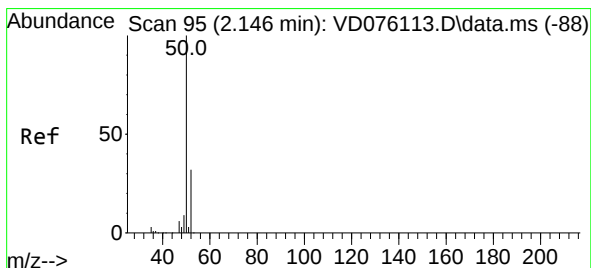
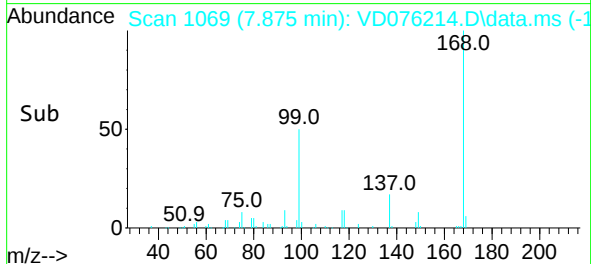
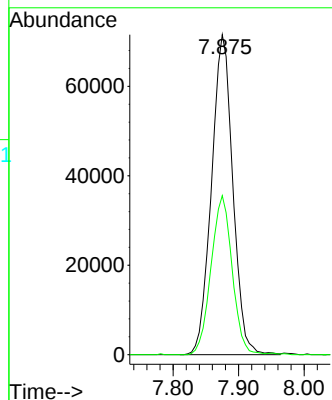
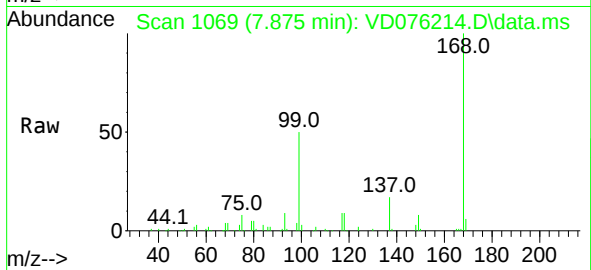




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076214.D
Acq: 24 May 2023 15:10

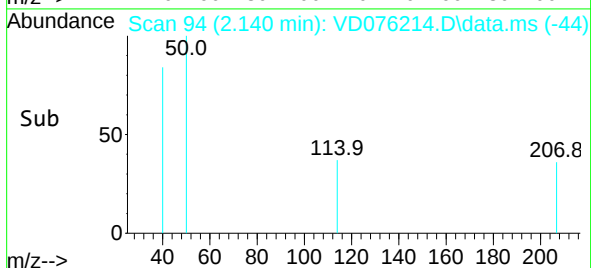
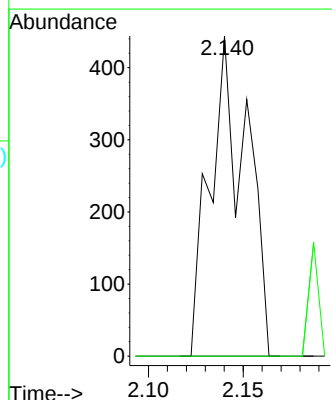
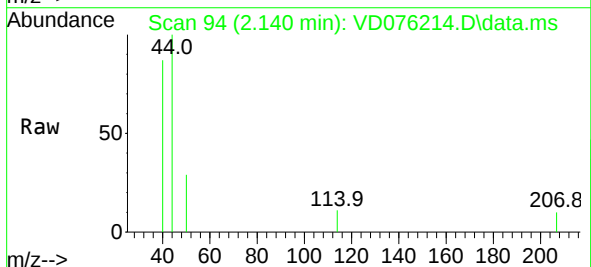
Instrument :
MSVOA_D
ClientSampleId :
ETGI-280RE

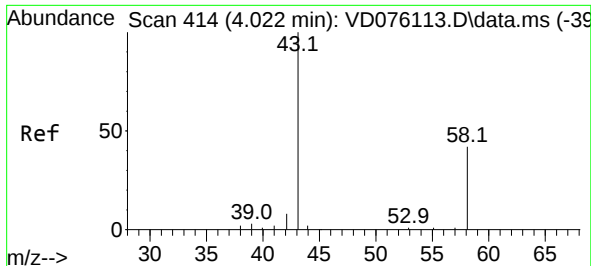
Tgt Ion:168 Resp: 161344
Ion Ratio Lower Upper
168 100
99 49.7 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076214.D
Acq: 24 May 2023 15:10

Tgt Ion: 50 Resp: 596
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#





#16

Acetone

Concen: 1.931 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD076214.D

Acq: 24 May 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

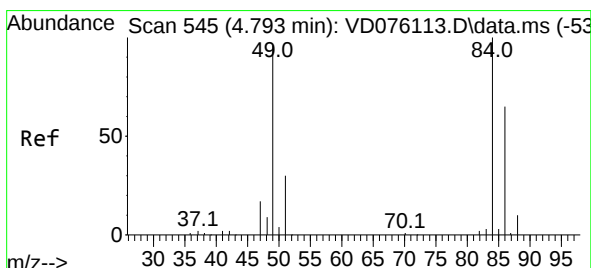
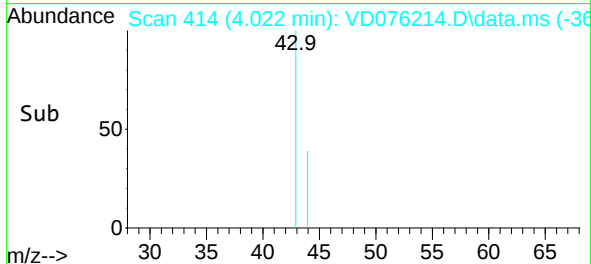
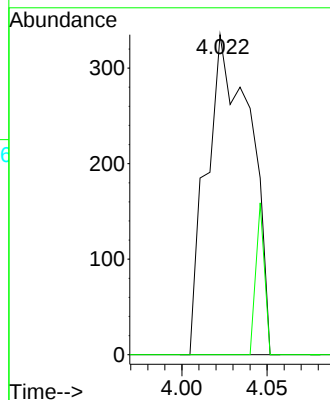
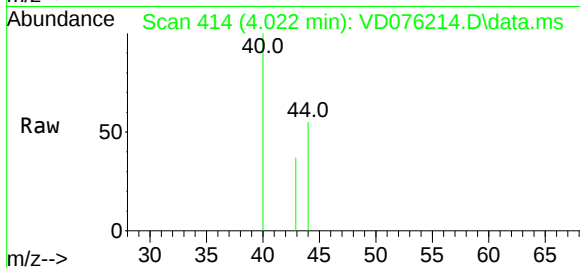
ETGI-280RE

Tgt Ion: 43 Resp: 599

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#20

Methylene Chloride

Concen: 1.305 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076214.D

Acq: 24 May 2023 15:10

Tgt Ion: 84 Resp: 24266

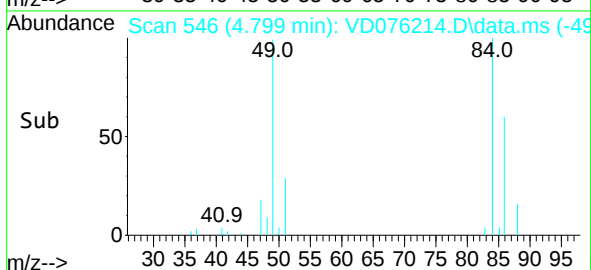
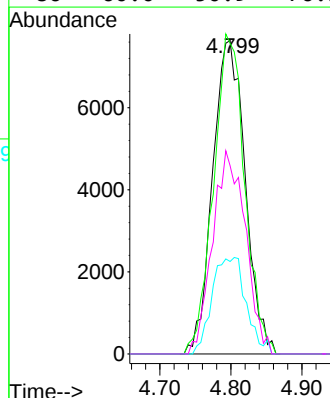
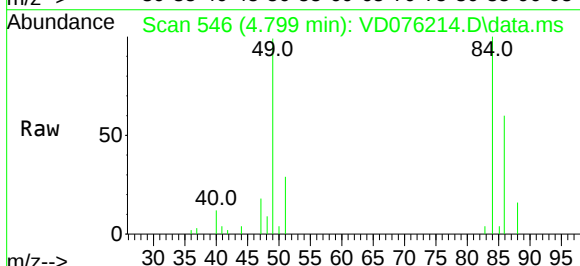
Ion Ratio Lower Upper

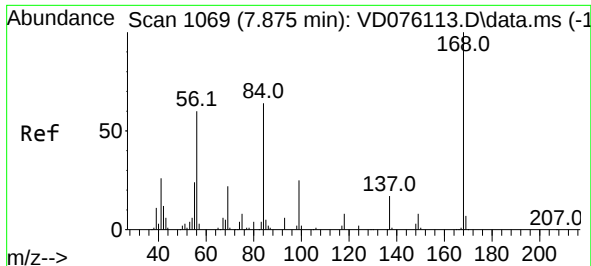
84 100

49 99.1 106.4 159.6#

51 29.5 32.4 48.6#

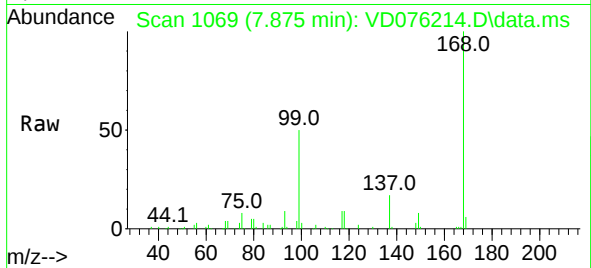
86 60.0 50.9 76.3



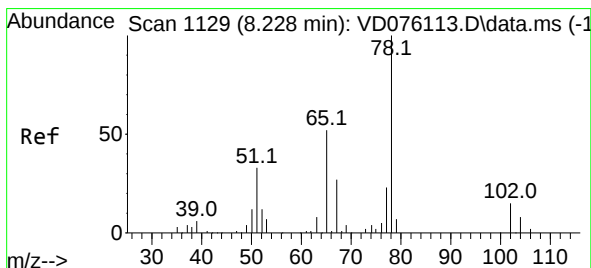
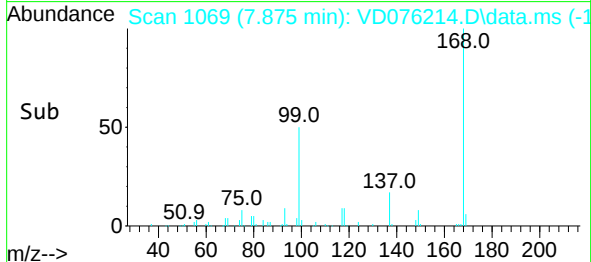
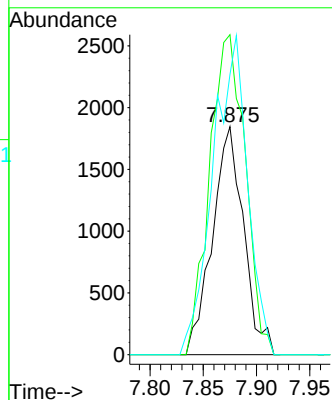


#31
Cyclohexane
Concen: 1.577 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076214.D
Acq: 24 May 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
ETGI-280RE

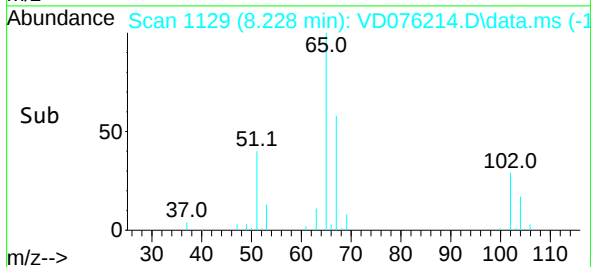
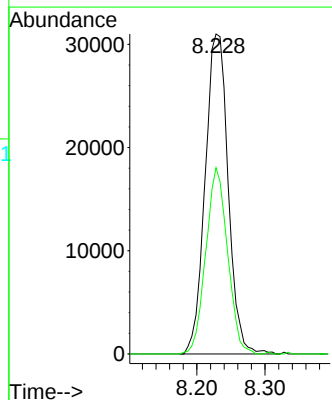
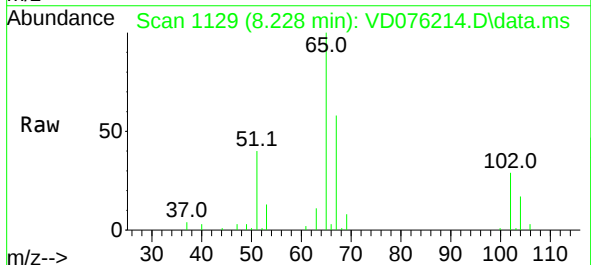


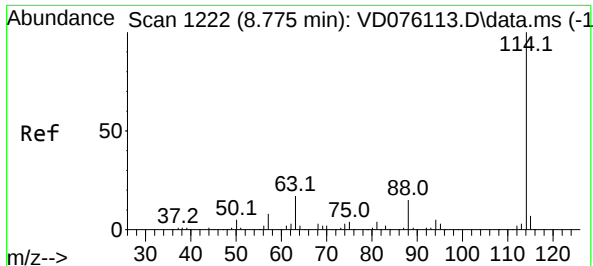
Tgt Ion: 56 Resp: 3767
Ion Ratio Lower Upper
56 100
69 140.4 25.5 38.3#
84 122.9 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 46.654 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076214.D
Acq: 24 May 2023 15:10

Tgt Ion: 65 Resp: 72750
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076214.D

Acq: 24 May 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

ETGI-280RE

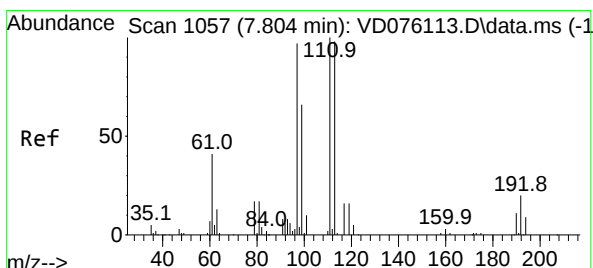
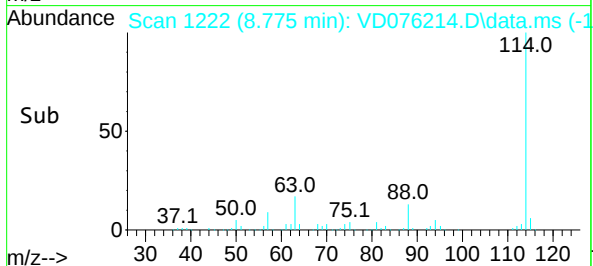
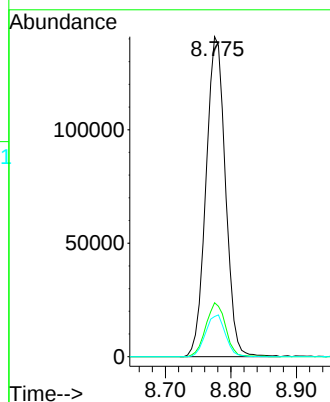
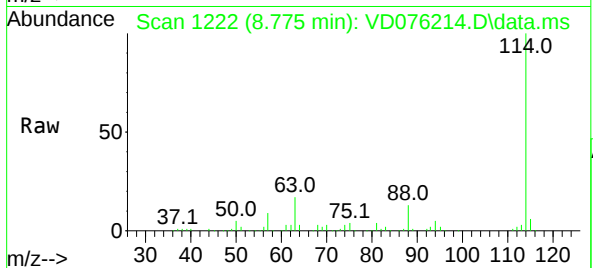
Tgt Ion:114 Resp: 290417

Ion Ratio Lower Upper

114 100

63 16.8 0.0 41.6

88 12.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.534 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076214.D

Acq: 24 May 2023 15:10

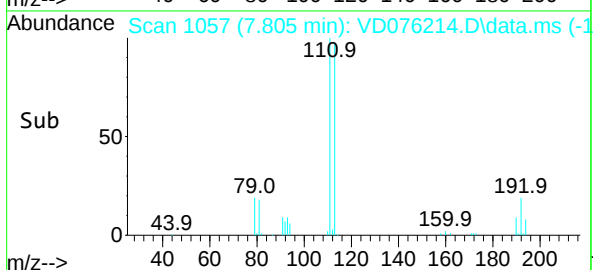
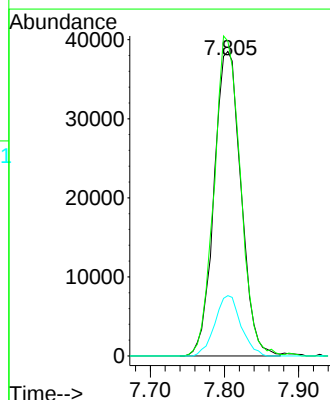
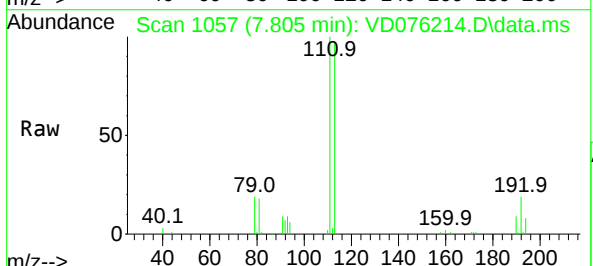
Tgt Ion:113 Resp: 97428

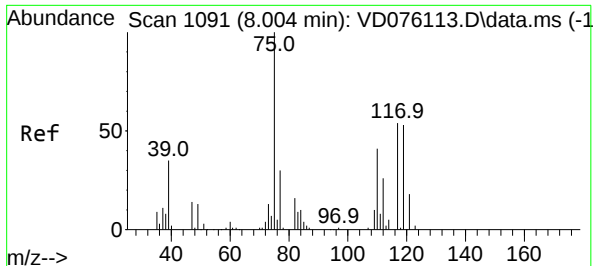
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 19.0 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.518 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076214.D

Acq: 24 May 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

ETGI-280RE

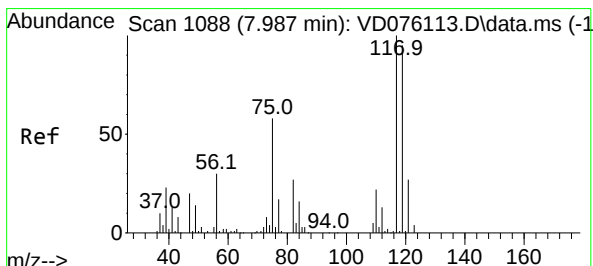
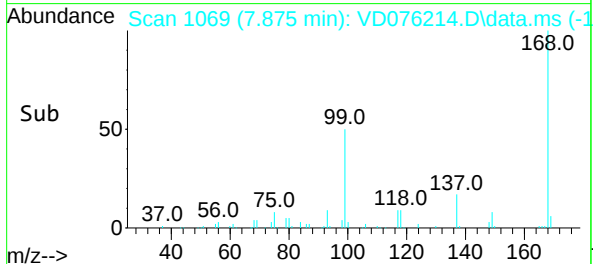
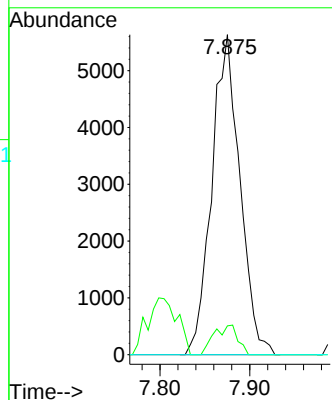
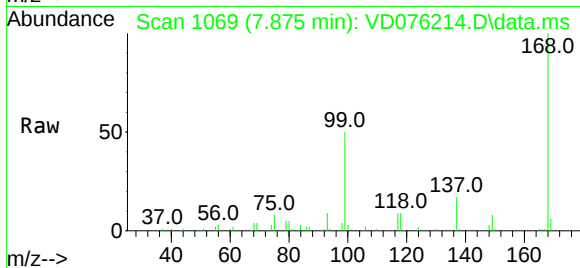
Tgt Ion: 75 Resp: 12249

Ion Ratio Lower Upper

75 100

110 7.8 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.813 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076214.D

Acq: 24 May 2023 15:10

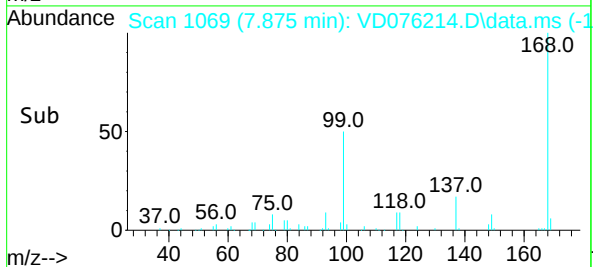
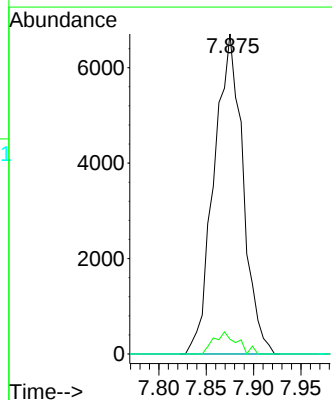
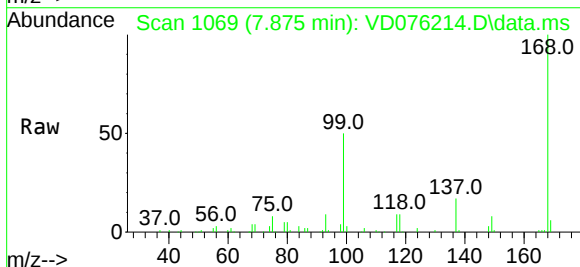
Tgt Ion: 117 Resp: 14234

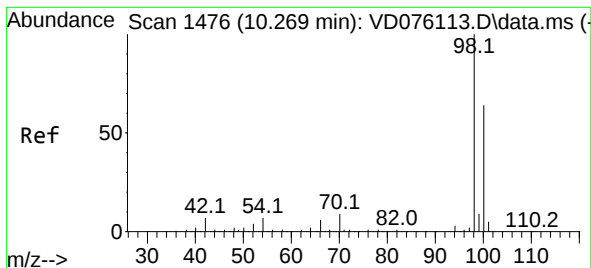
Ion Ratio Lower Upper

117 100

119 4.6 74.7 112.1#

121 0.0 25.9 38.9#

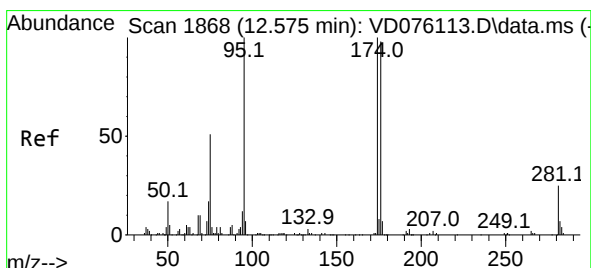
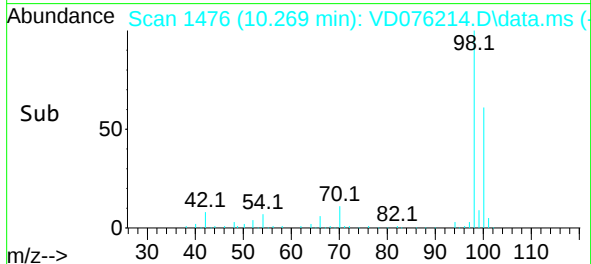
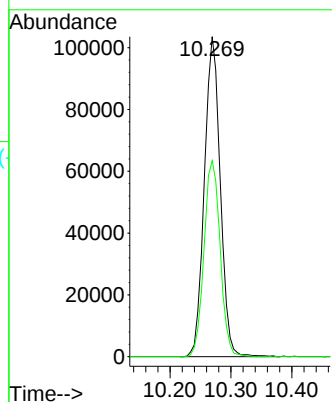
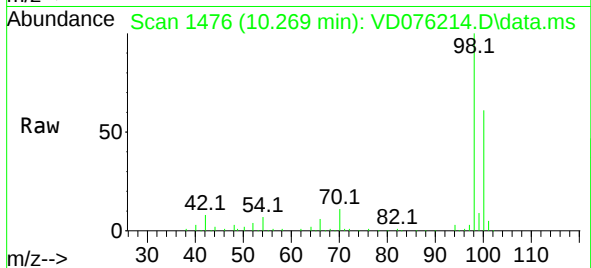




#50
Toluene-d8
Concen: 24.076 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076214.D
Acq: 24 May 2023 15:10

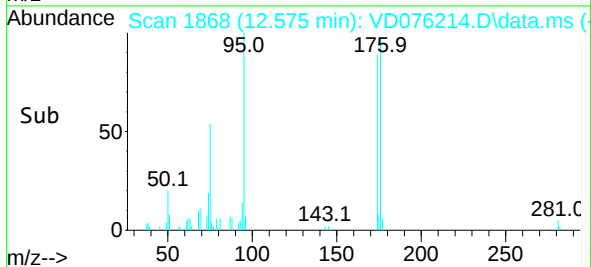
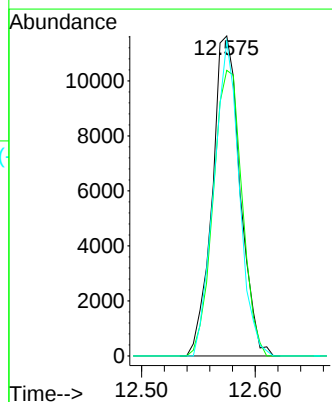
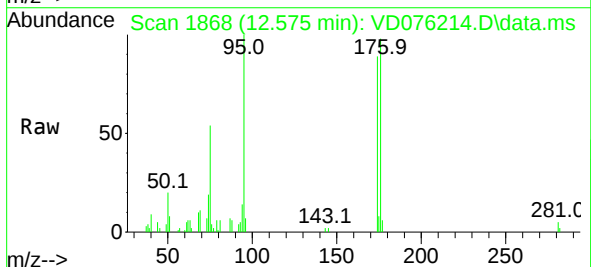
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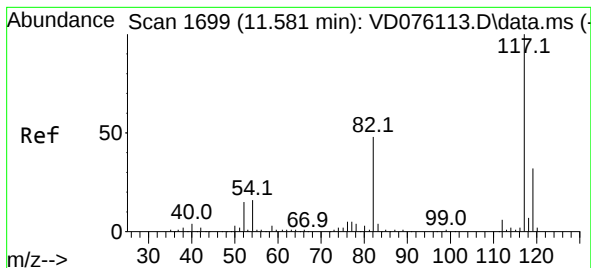
Tgt Ion: 98 Resp: 188406
Ion Ratio Lower Upper
98 100
100 62.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 9.139 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076214.D
Acq: 24 May 2023 15:10

Tgt Ion: 95 Resp: 19866
Ion Ratio Lower Upper
95 100
174 92.1 0.0 164.0
176 89.8 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076214.D

Acq: 24 May 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

ETGI-280RE

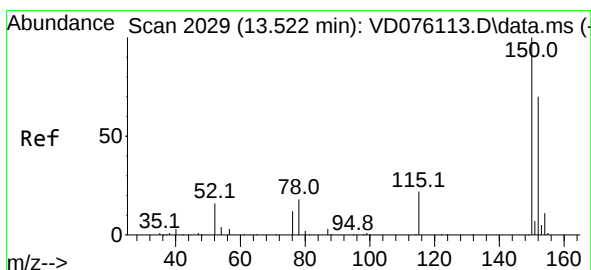
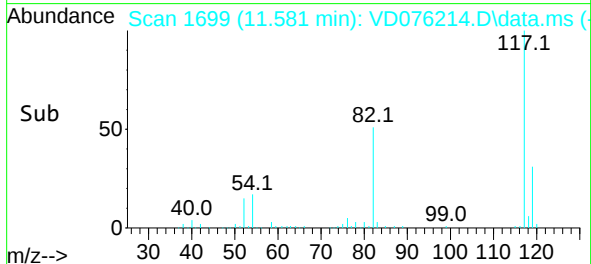
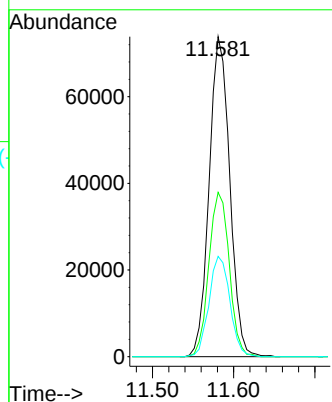
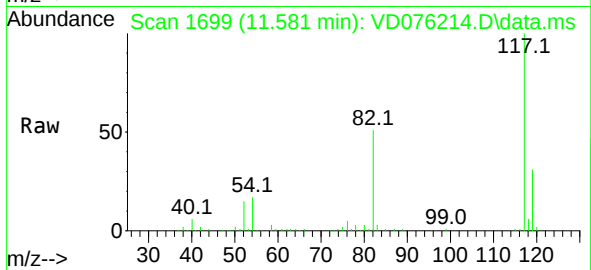
Tgt Ion:117 Resp: 130188

Ion Ratio Lower Upper

117 100

82 51.3 44.0 66.0

119 31.4 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076214.D

Acq: 24 May 2023 15:10

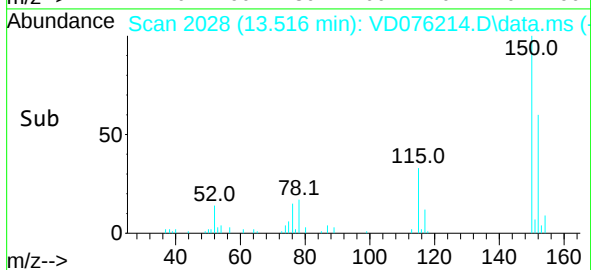
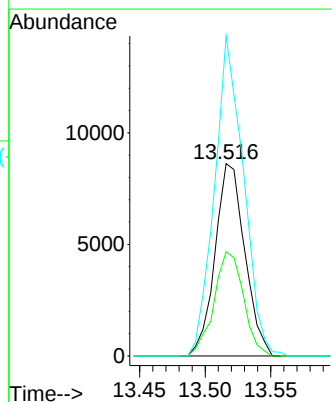
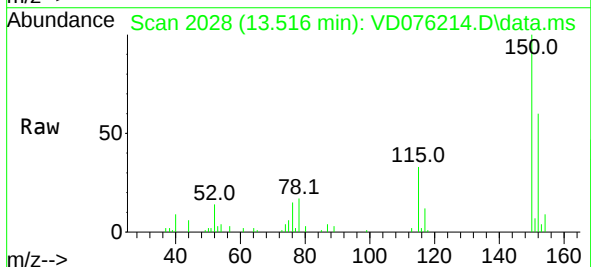
Tgt Ion:152 Resp: 13594

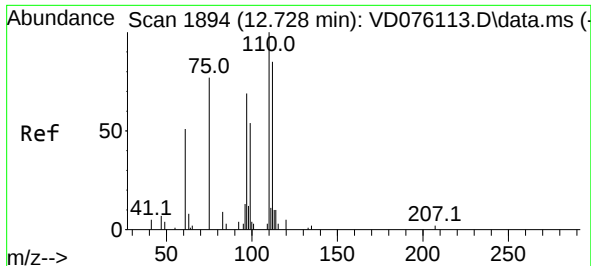
Ion Ratio Lower Upper

152 100

115 53.7 30.1 90.3

150 162.4 0.0 364.8

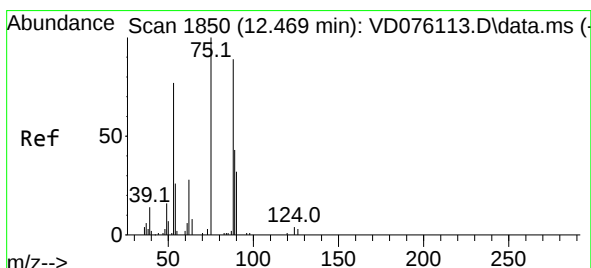
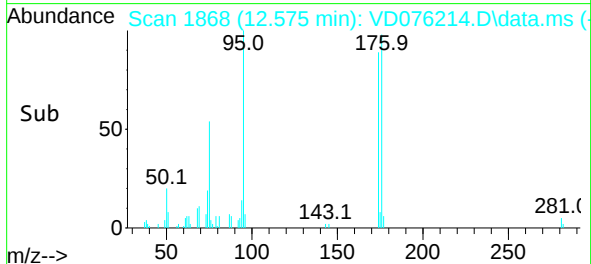
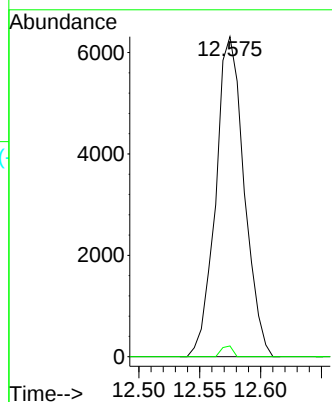
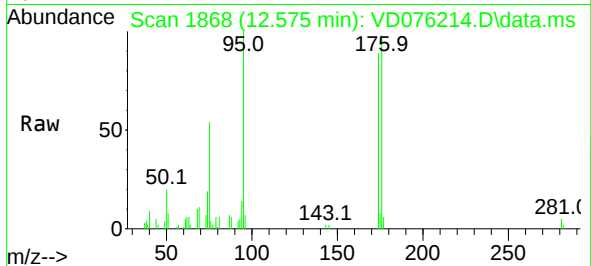




#76
1,2,3-Trichloropropane
Concen: 86.400 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076214.D
Acq: 24 May 2023 15:10

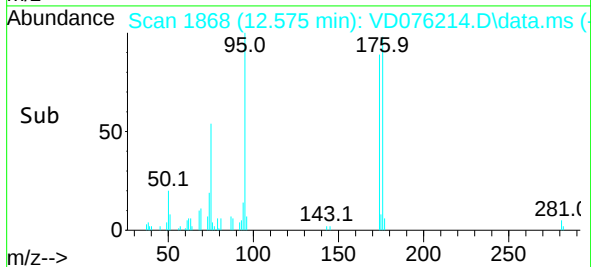
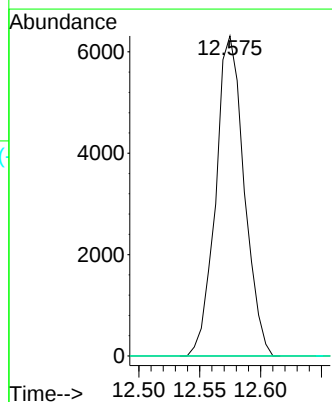
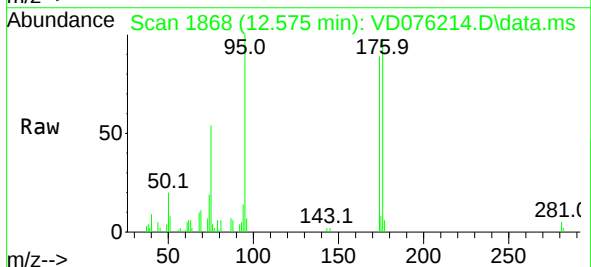
Instrument :
MSVOA_D
ClientSampleId :
ETGI-280RE

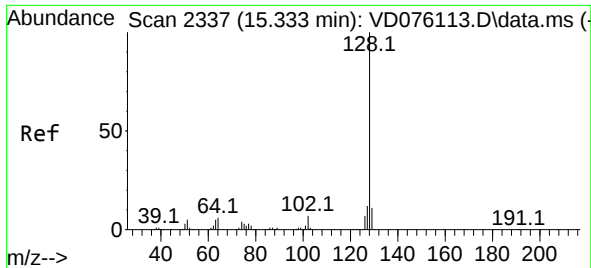
Tgt Ion: 75 Resp: 10278
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 181.252 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076214.D
Acq: 24 May 2023 15:10

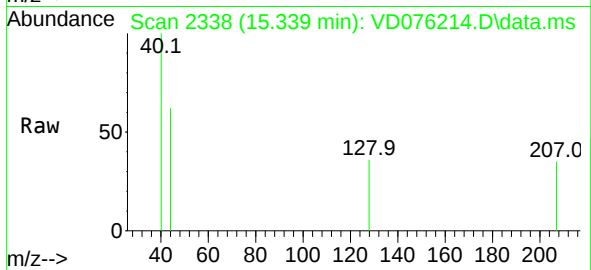
Tgt Ion: 75 Resp: 10278
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#95
Naphthalene
Concen: 1.002 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076214.D
Acq: 24 May 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
ETGI-280RE



Tgt Ion:128 Resp: 463
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

