

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
 Data File : VD076279.D
 Acq On : 30 May 2023 17:30
 Operator : KP/SY
 Sample : 02965-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-338

Quant Time: May 31 02:21:08 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)

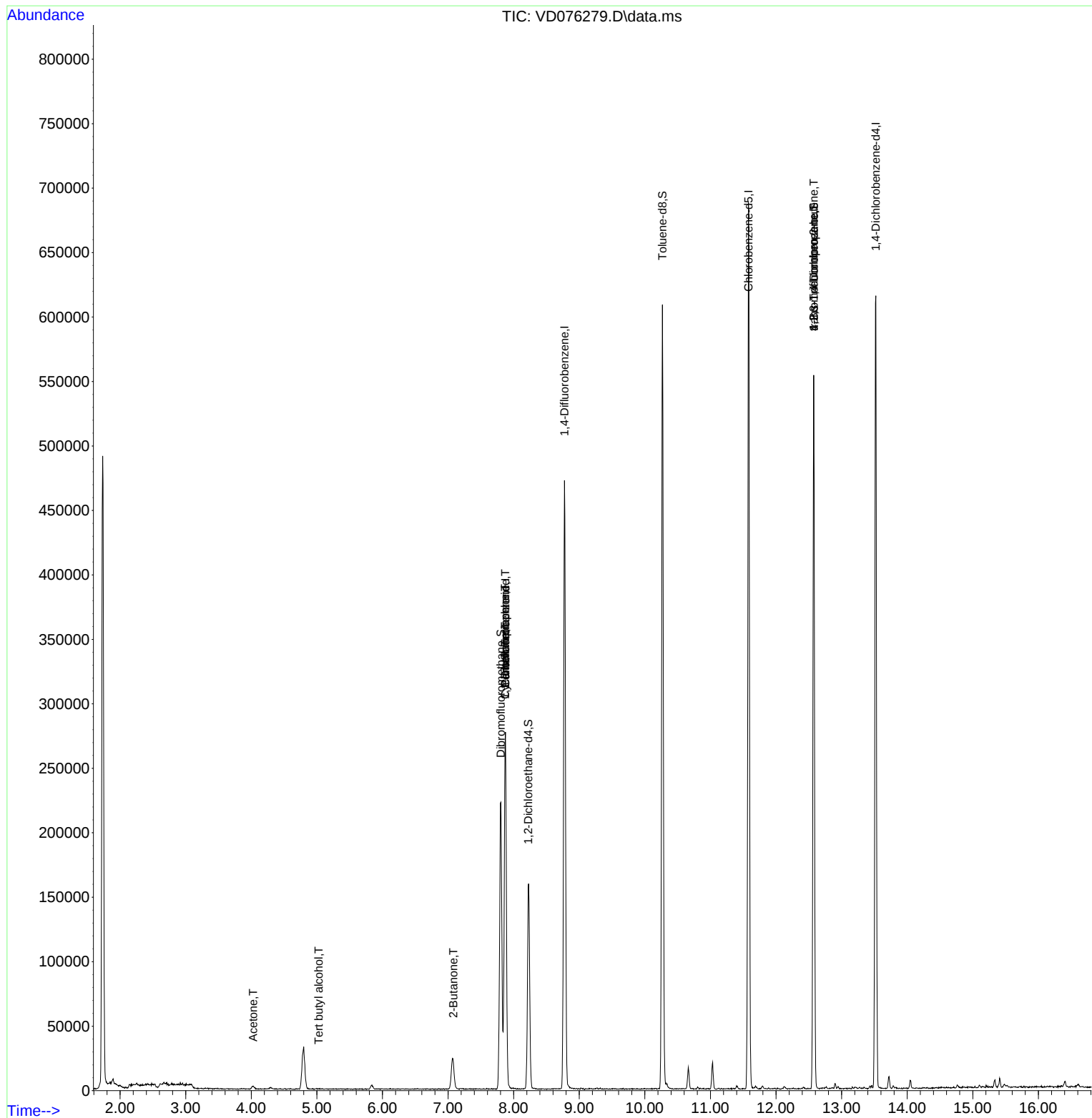
Internal Standards						
1) Pentafluorobenzene	7.875	168	230573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	450065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	422127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	181363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	123678	55.500	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.804	113	164154	52.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.540%
50) Toluene-d8	10.269	98	439027	36.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.400%
62) 4-Bromofluorobenzene	12.575	95	164985	48.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	746	Below Cal	#	40
11) Tert butyl alcohol	5.028	59	122	1.035	ug/l #	100
16) Acetone	4.028	43	3996	9.013	ug/l	92
17) Carbon Disulfide	4.281	76	202	Below Cal	#	73
20) Methylene Chloride	4.799	84	27022	Below Cal	#	82
25) 2-Butanone	7.081	43	1130	2.027	ug/l #	50
31) Cyclohexane	7.869	56	4448	1.303	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	16733	3.983	ug/l #	50
38) Carbon Tetrachloride	7.875	117	20085	5.292	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	82839	52.196	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	82839	109.498	ug/l #	5

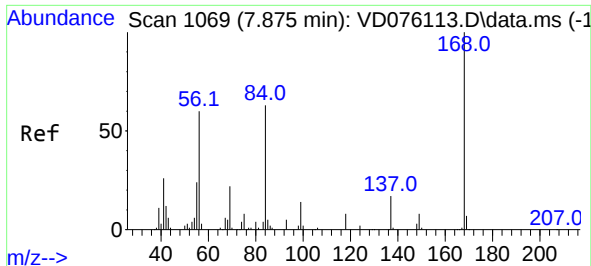
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
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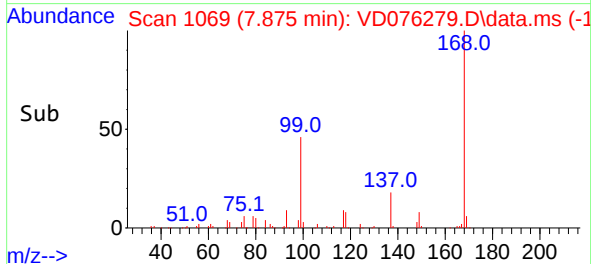
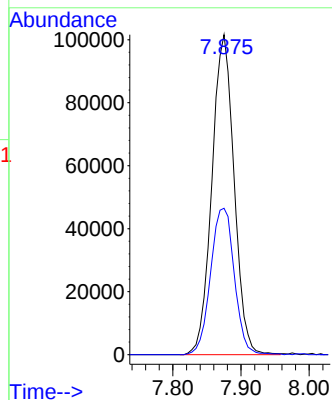
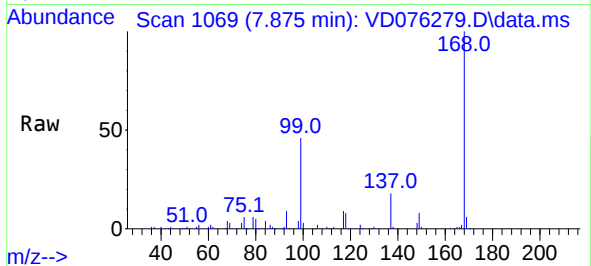




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

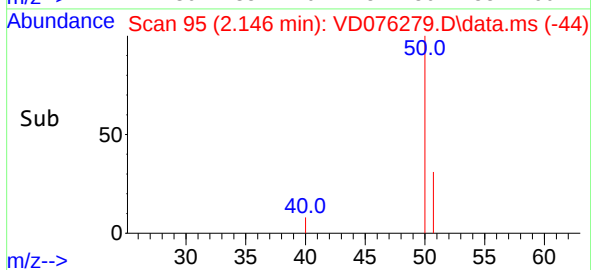
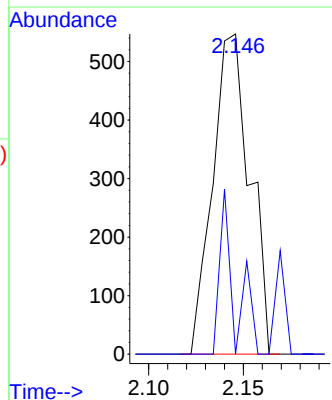
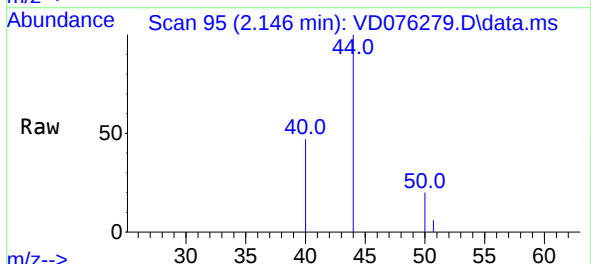
Instrument :
MSVOA_D
ClientSampleId :
ETGI-338

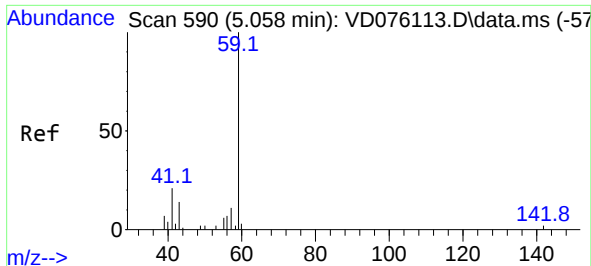
Tgt Ion:168 Resp: 230573
Ion Ratio Lower Upper
168 100
99 45.7 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

Tgt Ion: 50 Resp: 746
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

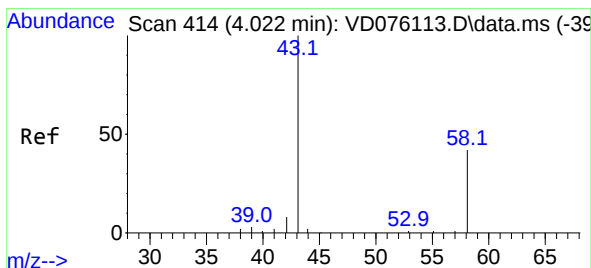
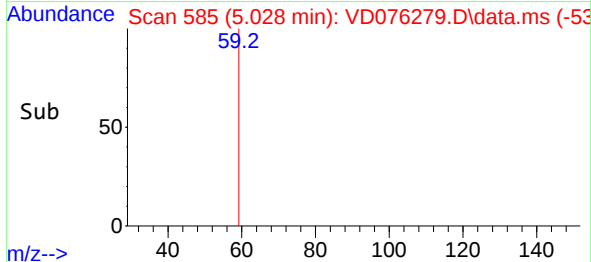
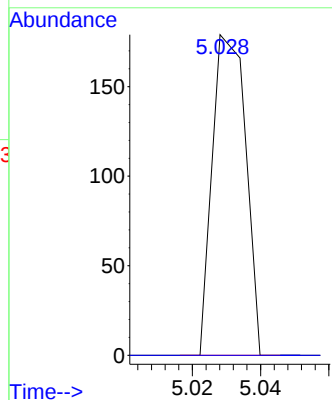
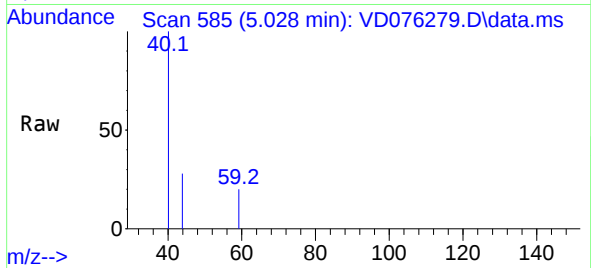




#11
Tert butyl alcohol
Concen: 1.035 ug/l
RT: 5.028 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

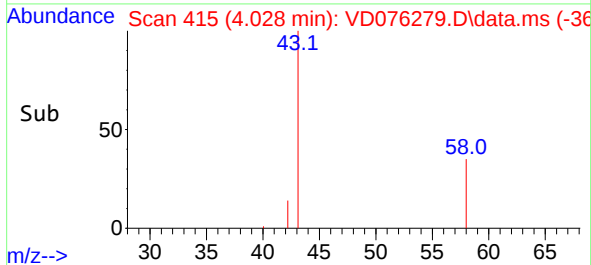
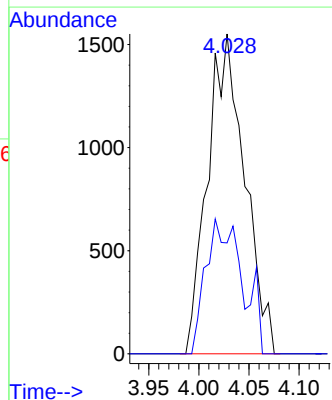
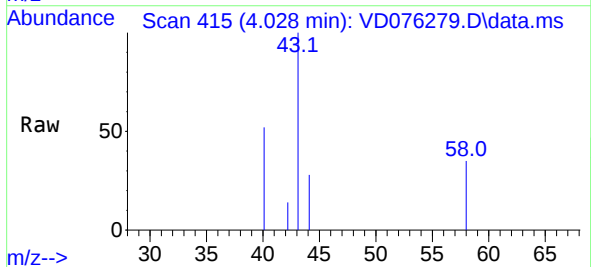
Instrument :
MSVOA_D
ClientSampleId :
ETGI-338

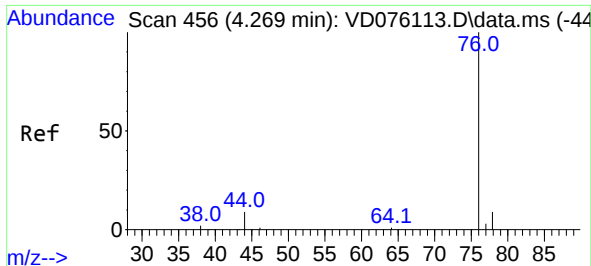
Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 9.013 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

Tgt Ion: 43 Resp: 3996
Ion Ratio Lower Upper
43 100
58 34.7 24.4 36.6

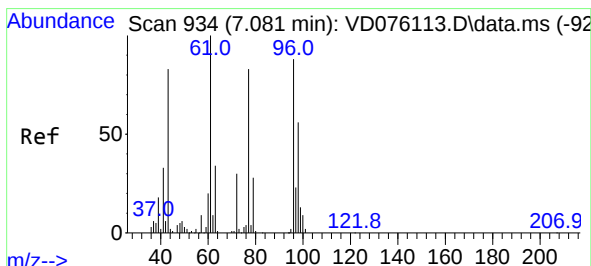
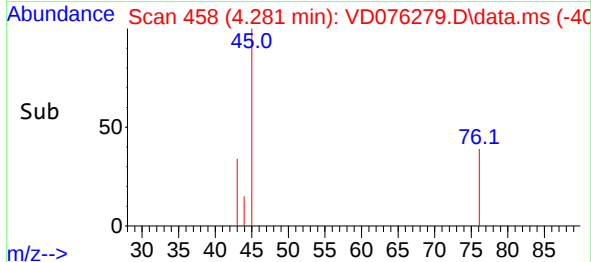
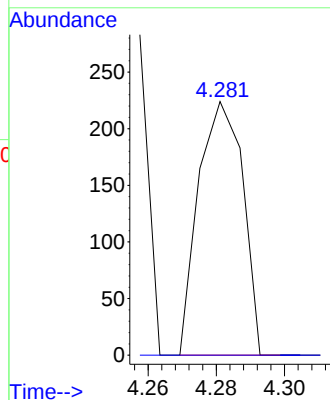
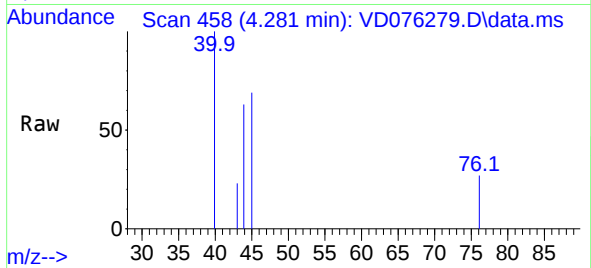




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.281 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

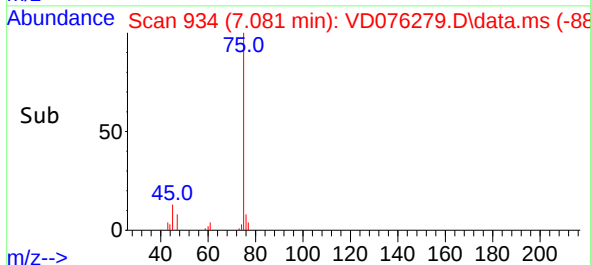
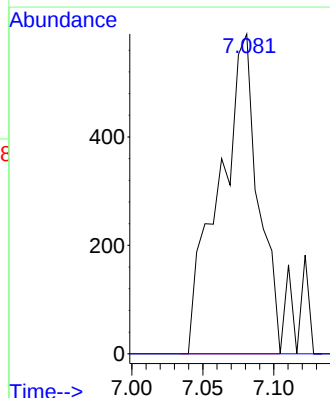
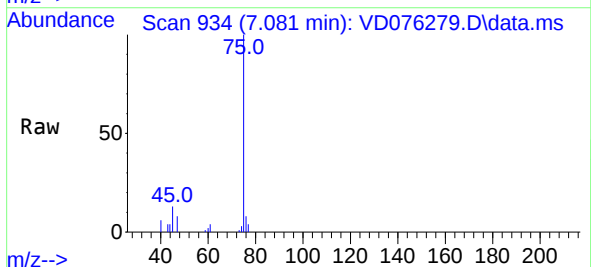
Instrument :
MSVOA_D
ClientSampleId :
ETGI-338

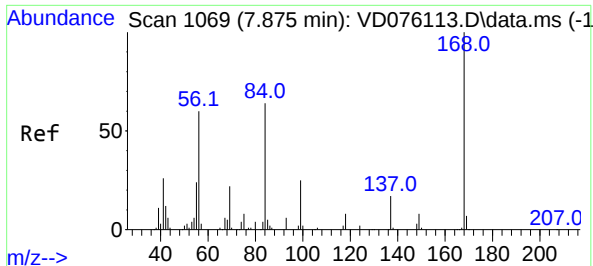
Tgt Ion: 76 Resp: 202
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#25
2-Butanone
Concen: 2.027 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#

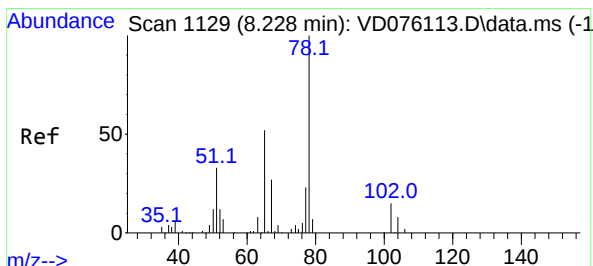
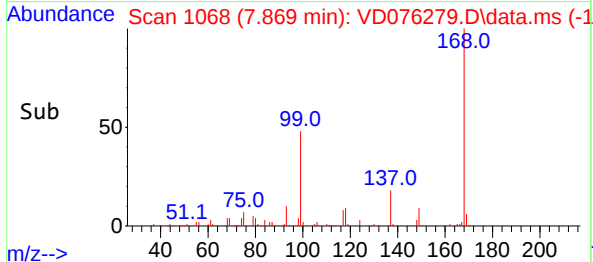
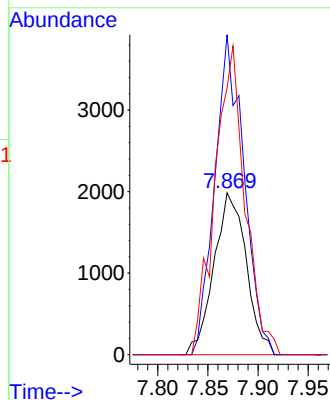
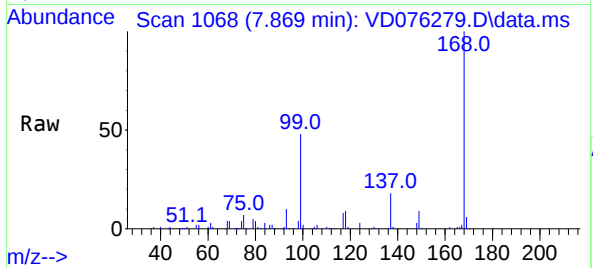




#31
Cyclohexane
Concen: 1.303 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

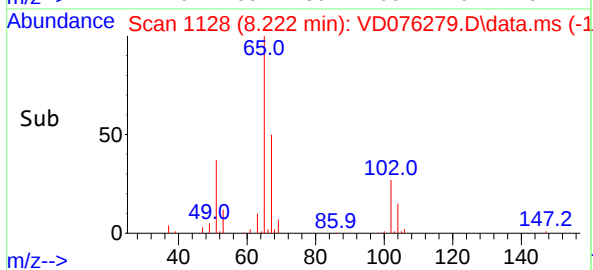
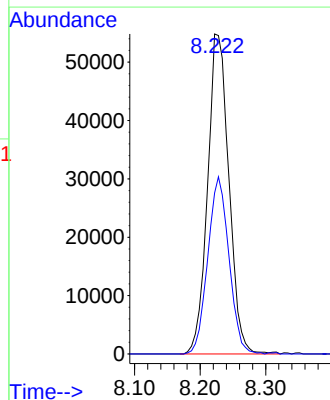
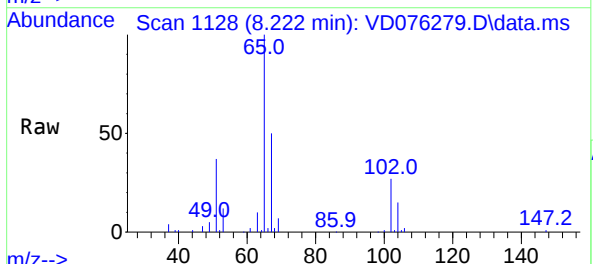
Instrument :
MSVOA_D
ClientSampleId :
ETGI-338

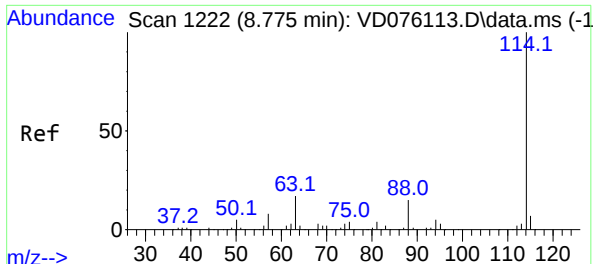
Tgt Ion: 56 Resp: 4448
Ion Ratio Lower Upper
56 100
69 197.6 25.5 38.3#
84 164.8 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 55.500 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

Tgt Ion: 65 Resp: 123678
Ion Ratio Lower Upper
65 100
67 54.9 0.0 102.2

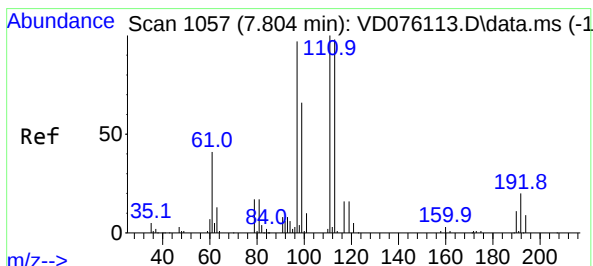
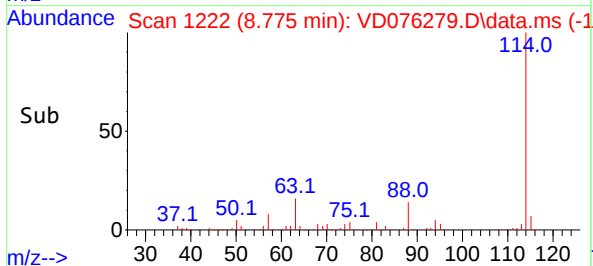
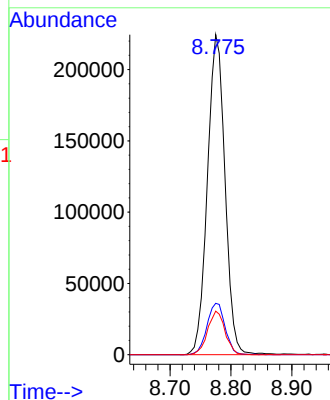
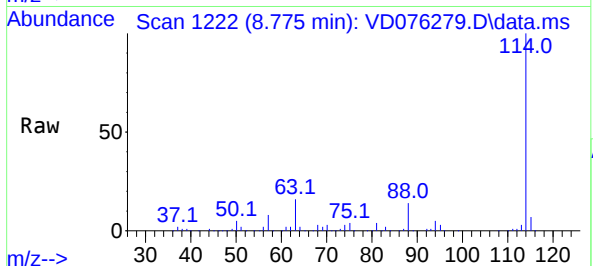




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

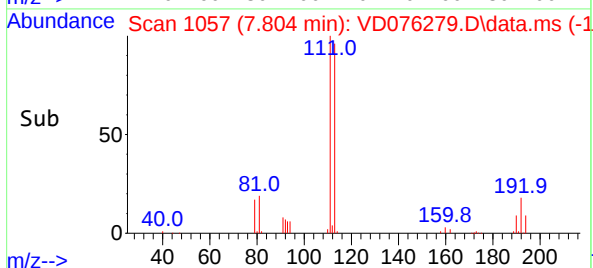
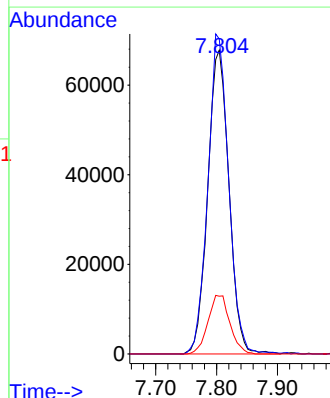
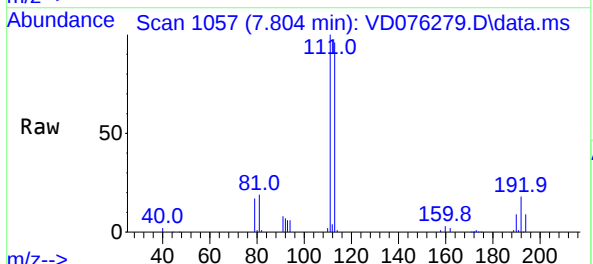
Instrument :
MSVOA_D
ClientSampleId :
ETGI-338

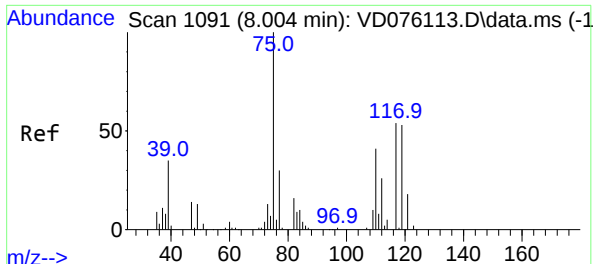
Tgt Ion:114 Resp: 450065
Ion Ratio Lower Upper
114 100
63 16.1 0.0 41.6
88 13.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.767 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

Tgt Ion:113 Resp: 164154
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.9 15.2 22.8





#36

1,1-Dichloropropene

Concen: 3.983 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD076279.D

Acq: 30 May 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

ETGI-338

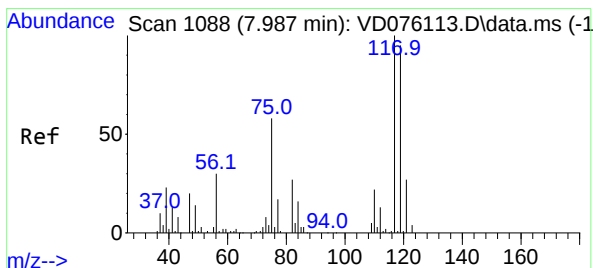
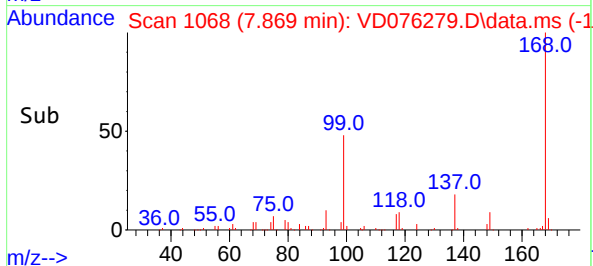
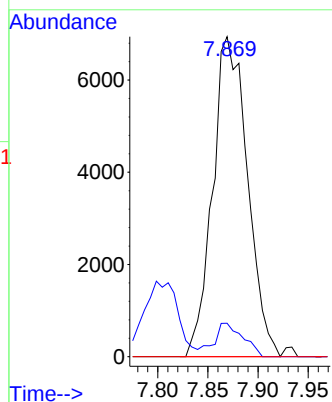
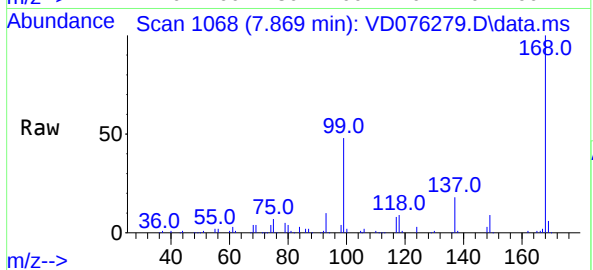
Tgt Ion: 75 Resp: 16733

Ion Ratio Lower Upper

75 100

110 8.7 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.292 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076279.D

Acq: 30 May 2023 17:30

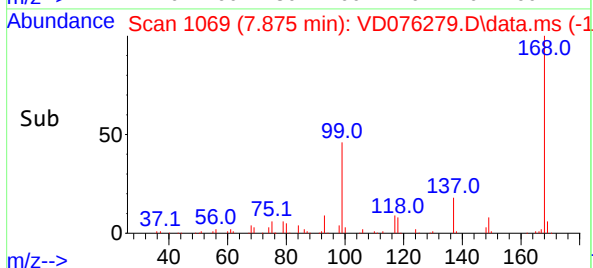
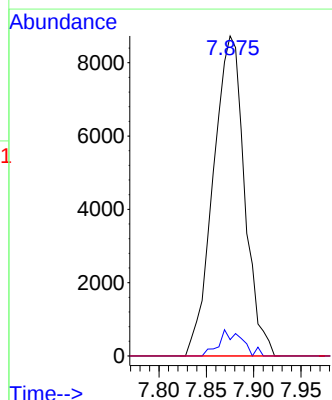
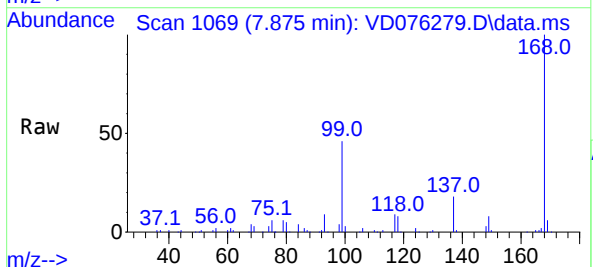
Tgt Ion: 117 Resp: 20085

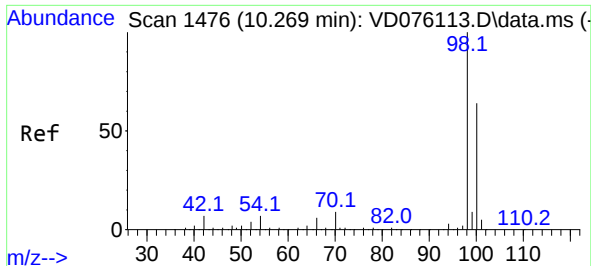
Ion Ratio Lower Upper

117 100

119 5.1 74.7 112.1#

121 0.0 25.9 38.9#

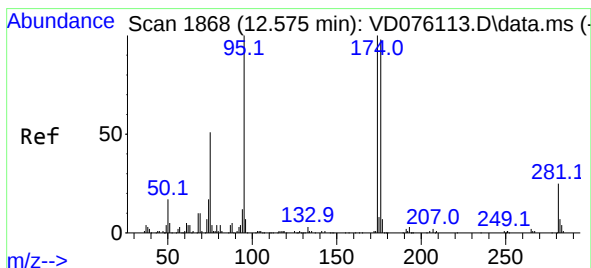
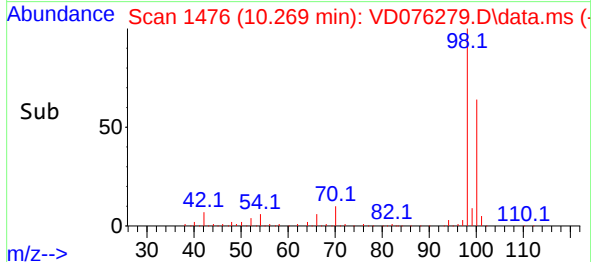
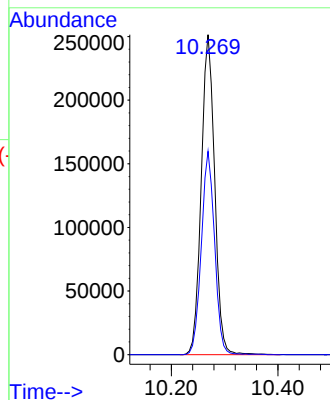
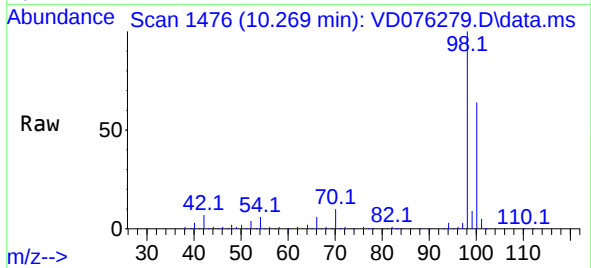




#50
Toluene-d8
Concen: 36.202 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

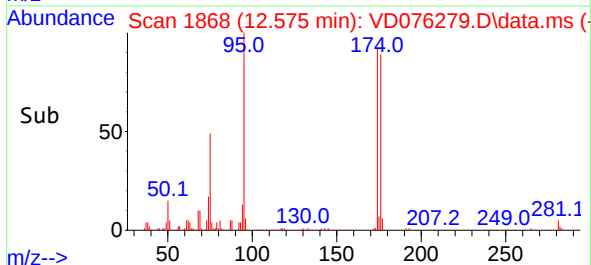
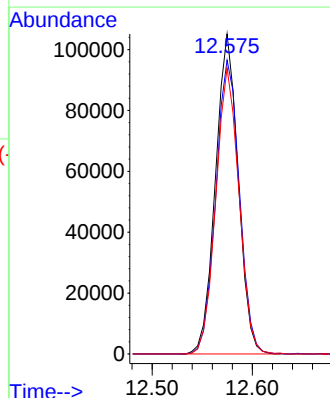
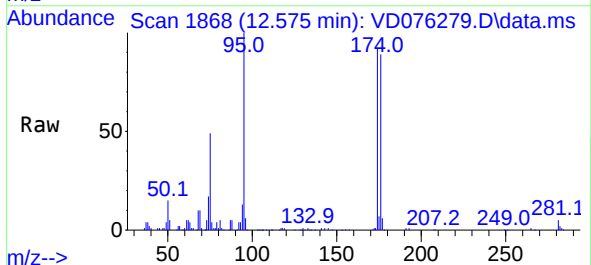
Instrument :
MSVOA_D
ClientSampleId :
ETGI-338

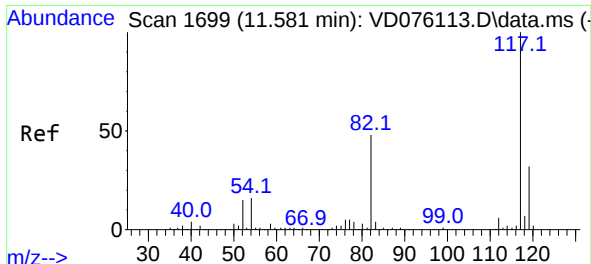
Tgt Ion: 98 Resp: 439027
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.975 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

Tgt Ion: 95 Resp: 164985
Ion Ratio Lower Upper
95 100
174 95.5 0.0 164.0
176 90.9 0.0 156.8

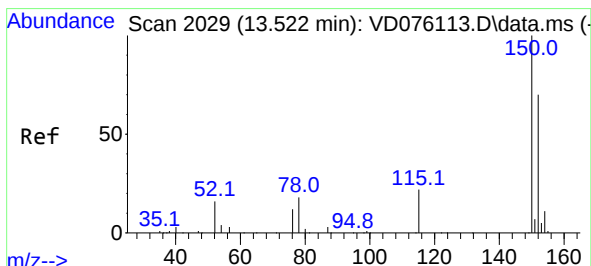
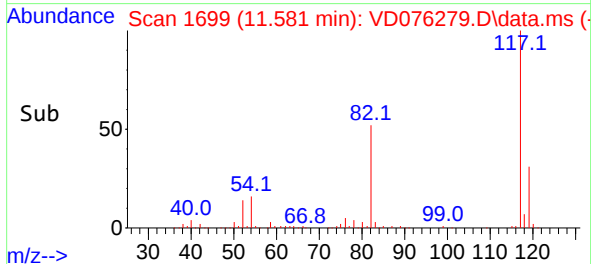
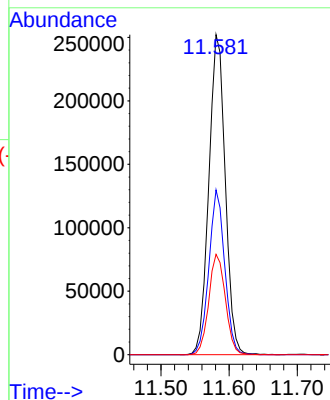
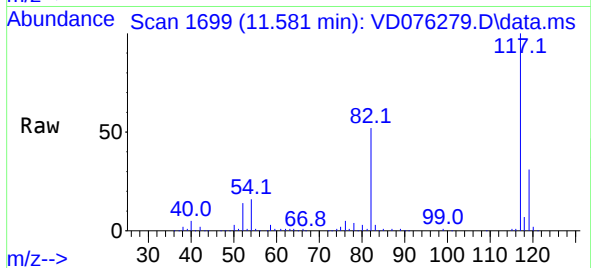




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

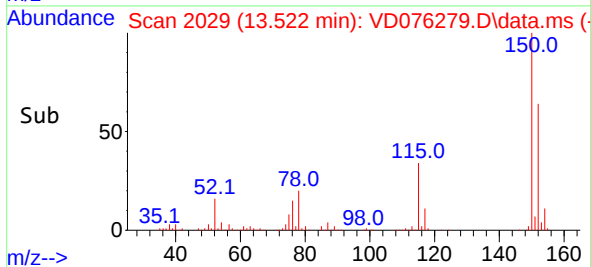
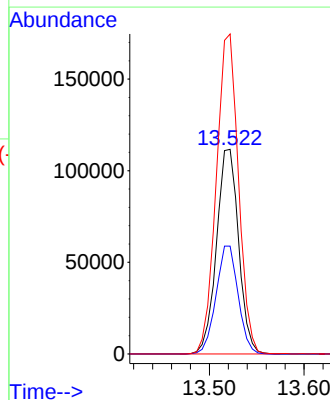
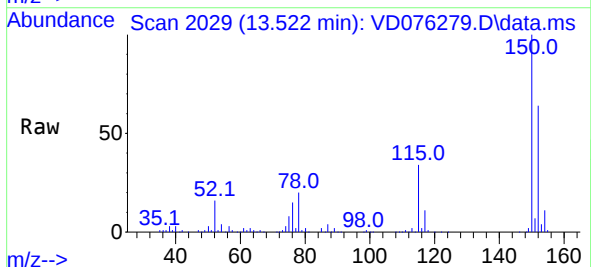
Instrument :
MSVOA_D
ClientSampleId :
ETGI-338

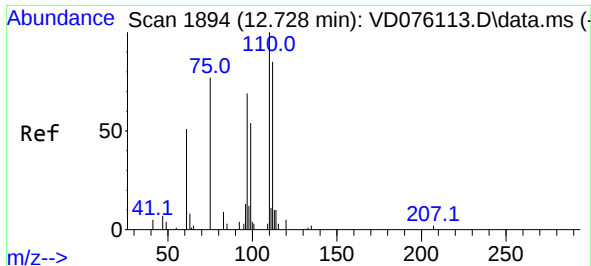
Tgt Ion:117 Resp: 422127
Ion Ratio Lower Upper
117 100
82 51.5 44.0 66.0
119 31.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

Tgt Ion:152 Resp: 181363
Ion Ratio Lower Upper
152 100
115 52.7 30.1 90.3
150 156.6 0.0 364.8

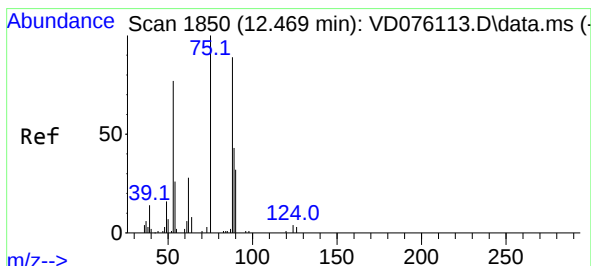
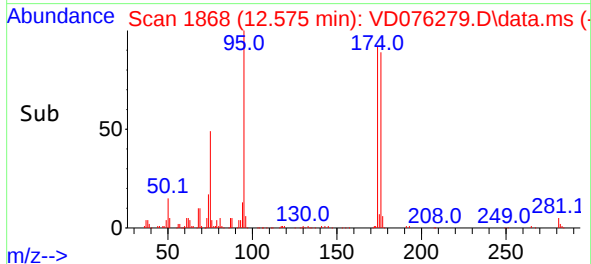
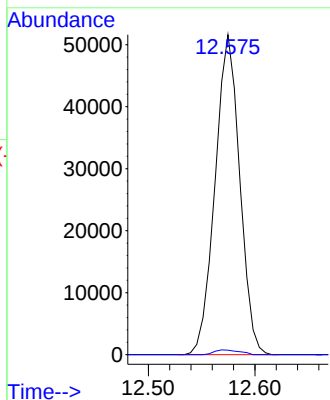
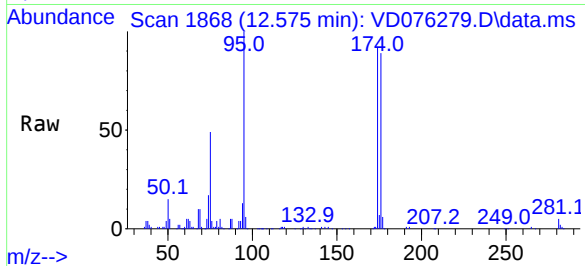




#76
1,2,3-Trichloropropane
Concen: 52.196 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :
ETGI-338

Tgt Ion: 75 Resp: 82839
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.498 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076279.D
Acq: 30 May 2023 17:30

Tgt Ion: 75 Resp: 82839
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.2 40.2 60.4#

