

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076197.D
 Acq On : 23 May 2023 17:00
 Operator : KP/SY
 Sample : 02864-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-289

Quant Time: May 24 06:42:29 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)

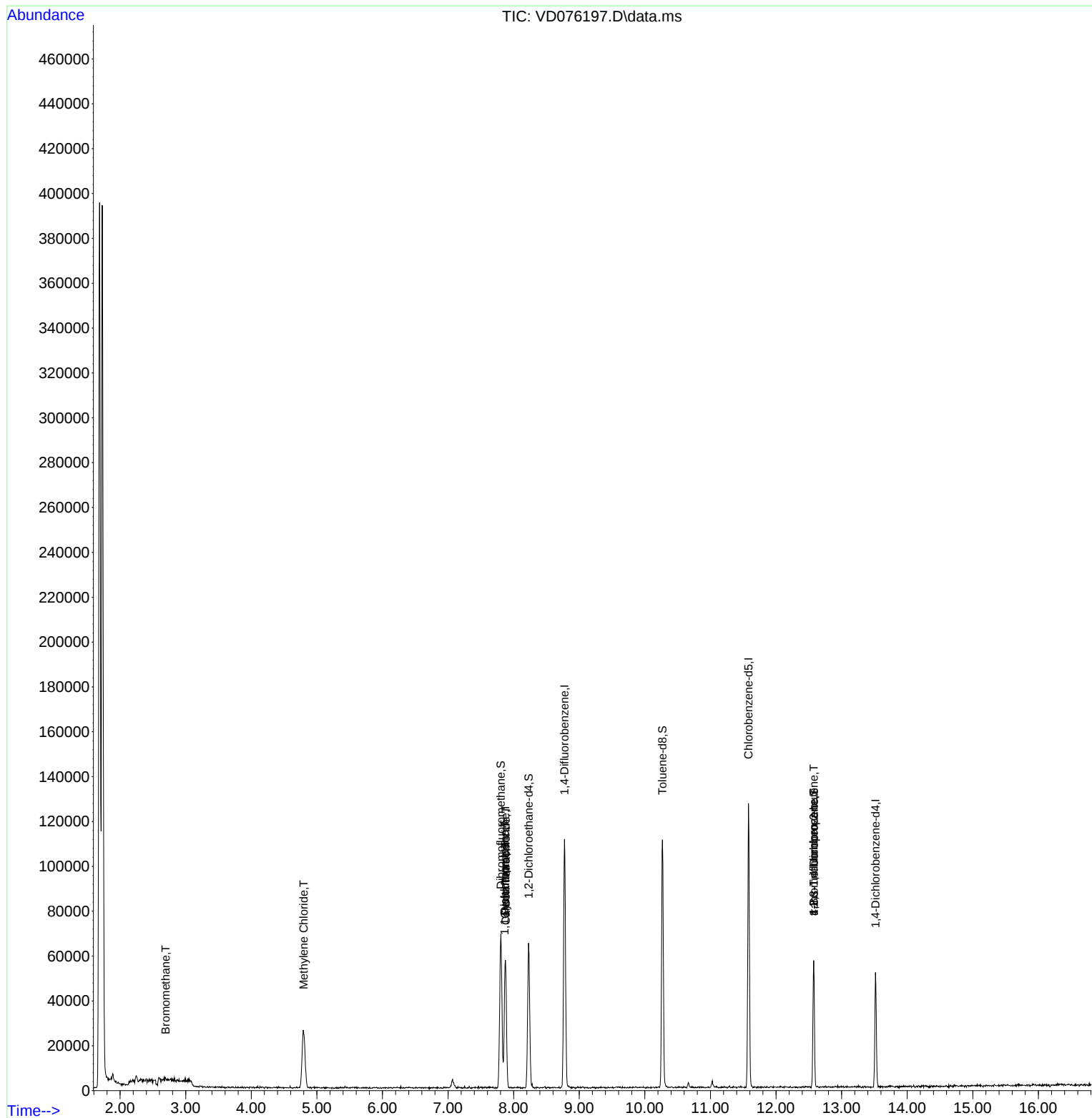
Internal Standards						
1) Pentafluorobenzene	7.875	168	50031	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	107492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	78218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48836	100.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 202.000%#	
35) Dibromofluoromethane	7.804	113	51137	68.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.640%	
50) Toluene-d8	10.269	98	85359	29.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 58.940%	
62) 4-Bromofluorobenzene	12.575	95	17537	21.796	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 43.600%	
Target Compounds						Qvalue
3) Chloromethane	2.140	50	228	Below Cal	#	40
5) Bromomethane	2.693	94	775	1.183	ug/l #	78
20) Methylene Chloride	4.799	84	23431	26.069	ug/l #	71
31) Cyclohexane	7.869	56	1156	1.561	ug/l #	37
36) 1,1-Dichloropropene	7.863	75	4084	4.070	ug/l #	42
38) Carbon Tetrachloride	7.881	117	4503	4.968	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	9286	75.716	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	9286	158.839	ug/l #	5

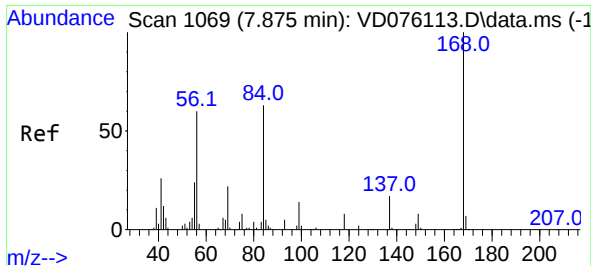
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

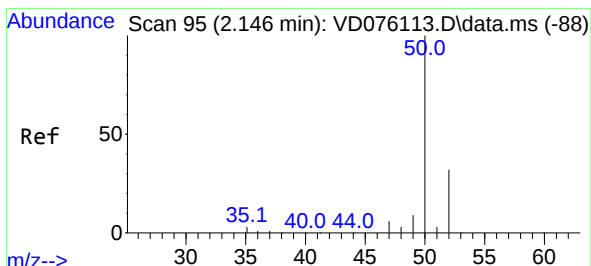
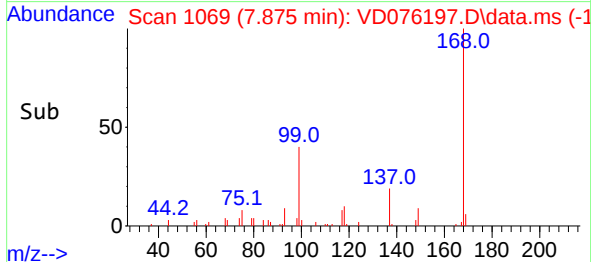
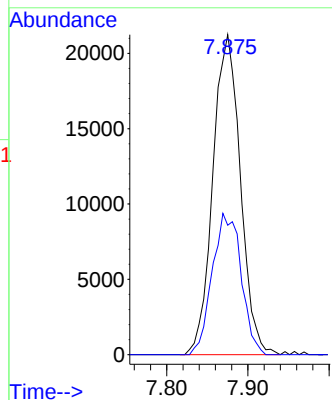
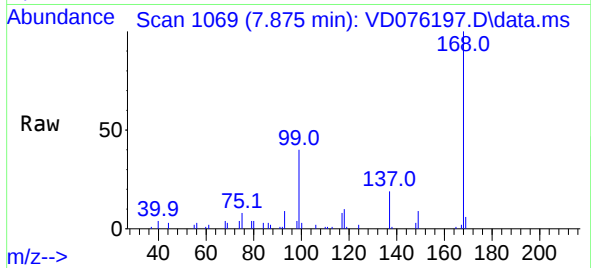




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

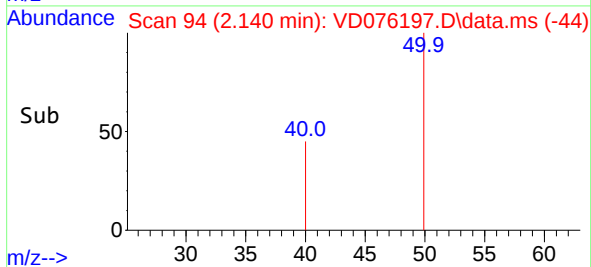
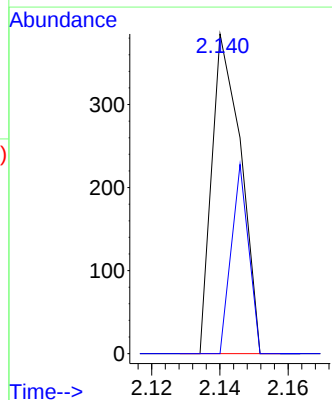
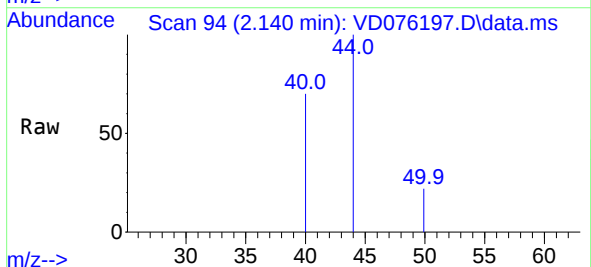
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289

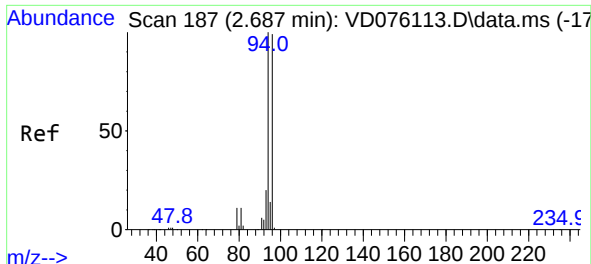
Tgt Ion:168 Resp: 50031
Ion Ratio Lower Upper
168 100
99 40.4 43.8 65.6#



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Tgt Ion: 50 Resp: 228
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

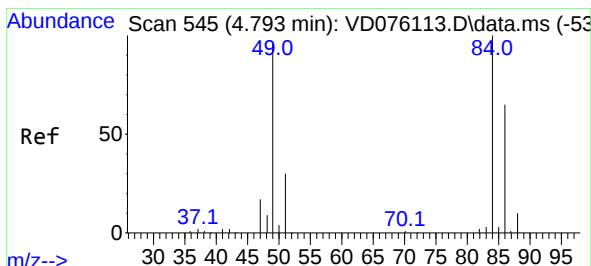
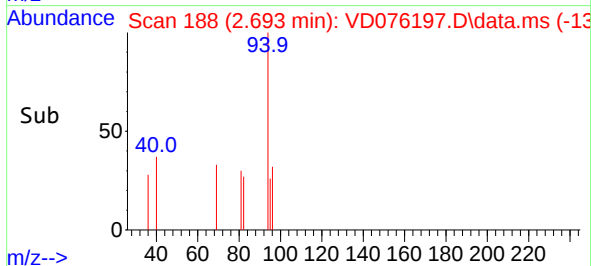
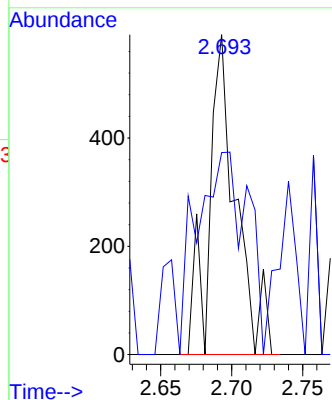
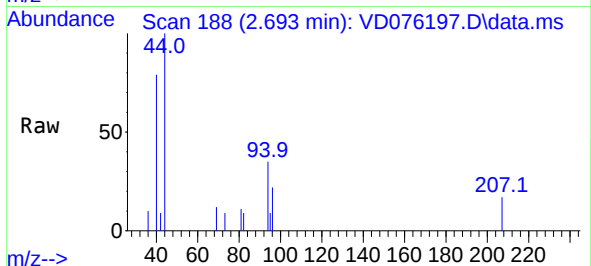




#5
Bromomethane
Concen: 1.183 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

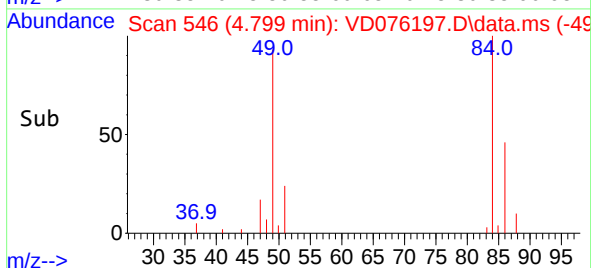
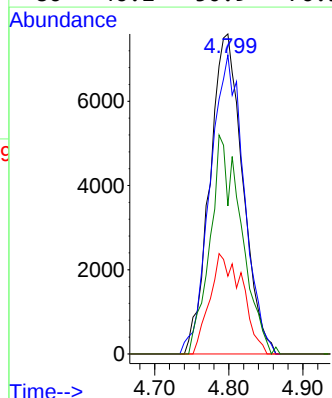
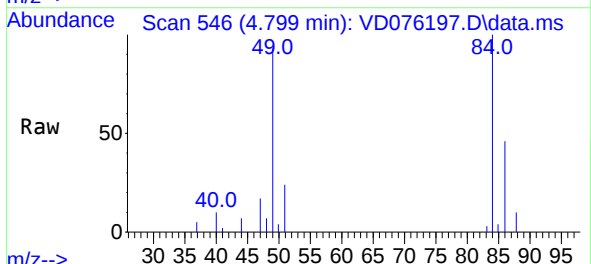
Instrument :
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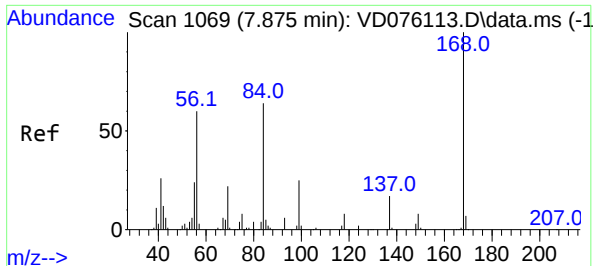
Tgt Ion: 94 Resp: 775
Ion Ratio Lower Upper
94 100
96 118.7 77.5 116.3#



#20
Methylene Chloride
Concen: 26.069 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Tgt Ion: 84 Resp: 23431
Ion Ratio Lower Upper
84 100
49 93.4 106.4 159.6#
51 24.3 32.4 48.6#
86 46.2 50.9 76.3#

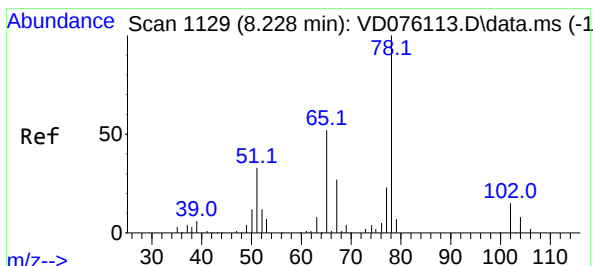
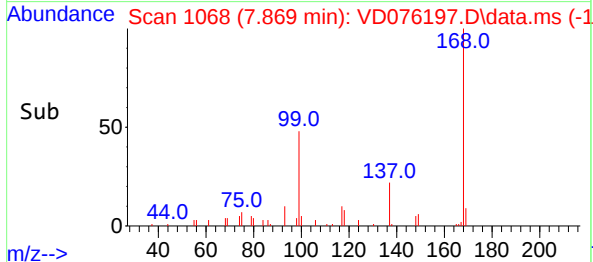
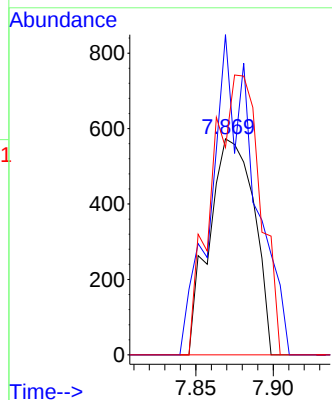
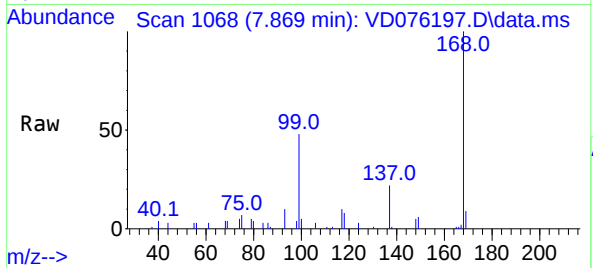




#31
Cyclohexane
Concen: 1.561 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

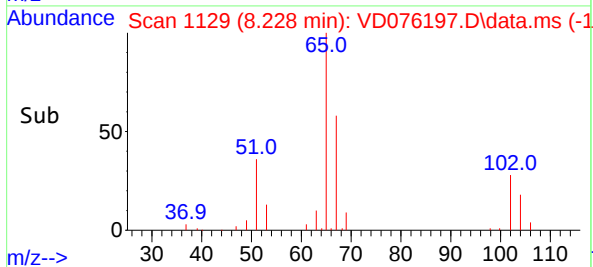
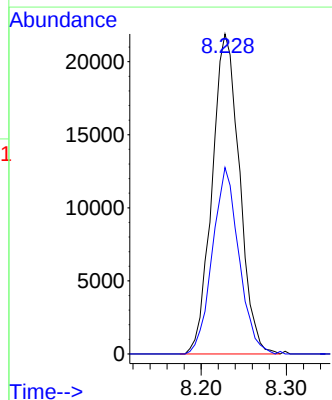
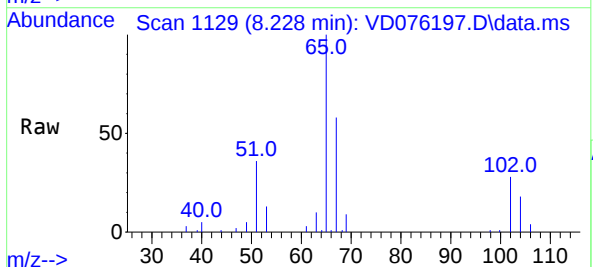
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289

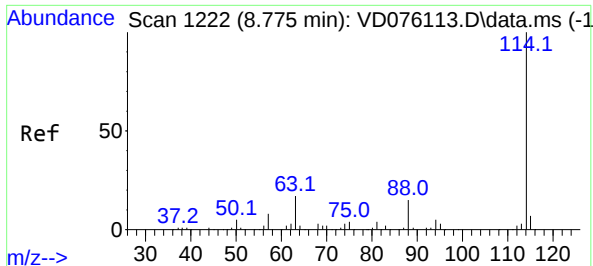
Tgt Ion: 56 Resp: 1156
Ion Ratio Lower Upper
56 100
69 148.2 25.5 38.3#
84 96.0 69.6 104.4



#33
1,2-Dichloroethane-d4
Concen: 100.997 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Tgt Ion: 65 Resp: 48836
Ion Ratio Lower Upper
65 100
67 56.4 0.0 102.2

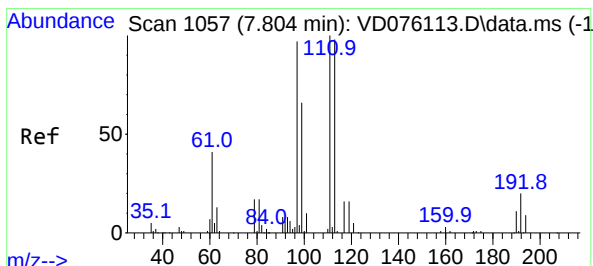
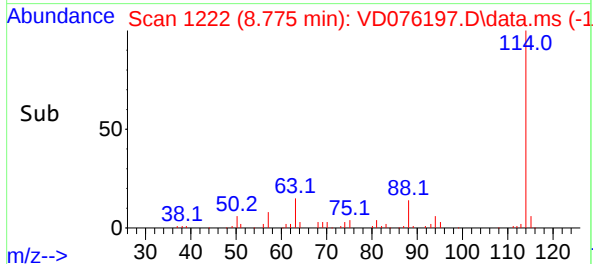
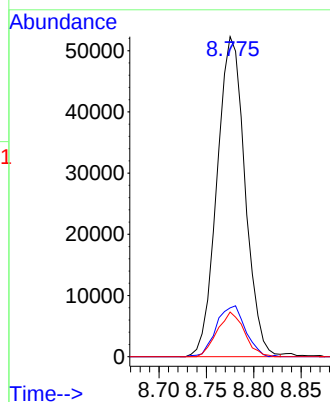
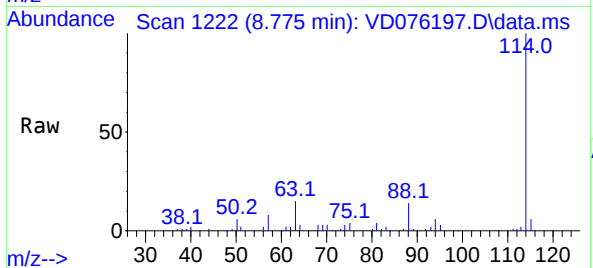




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

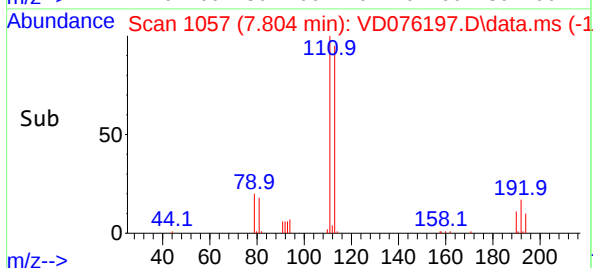
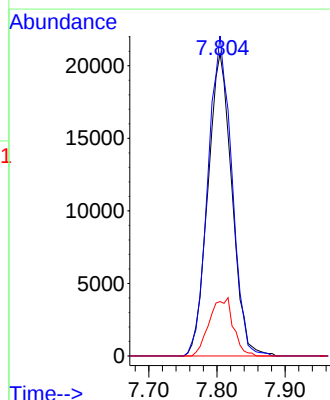
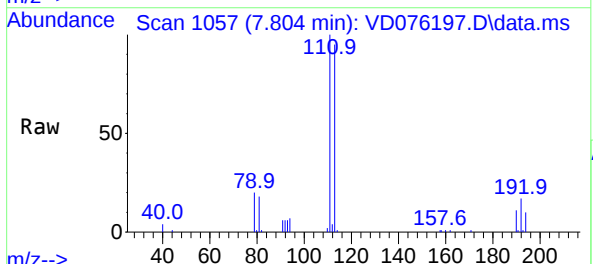
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289

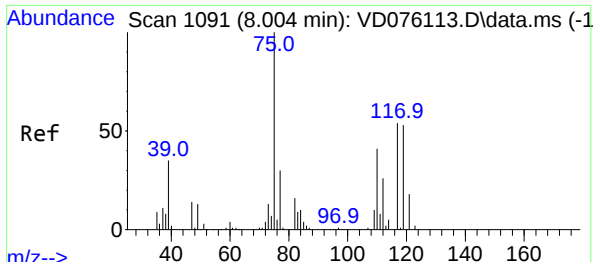
Tgt Ion:114 Resp: 107492
Ion Ratio Lower Upper
114 100
63 15.3 0.0 41.6
88 14.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 68.825 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Tgt Ion:113 Resp: 51137
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.0
192 19.0 15.2 22.8

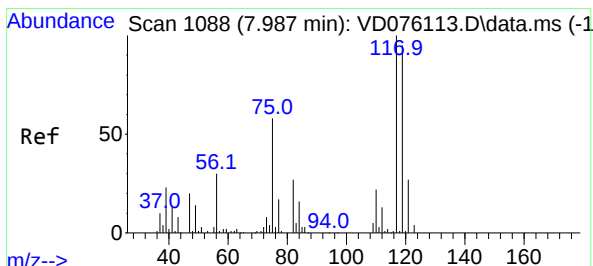
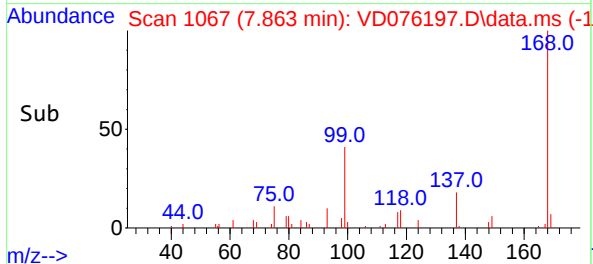
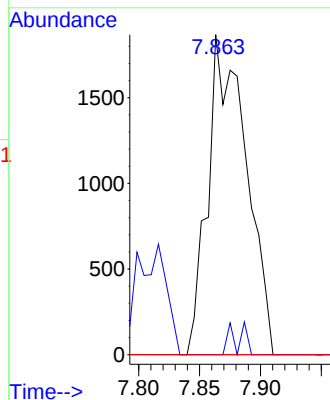
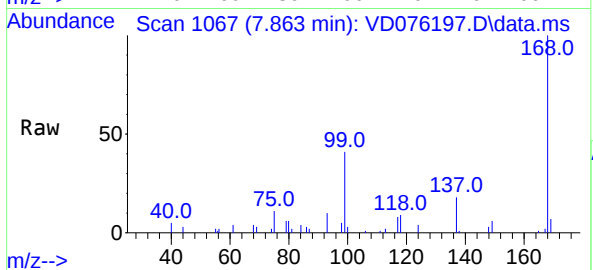




#36
1,1-Dichloropropene
Concen: 4.070 ug/l
RT: 7.863 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

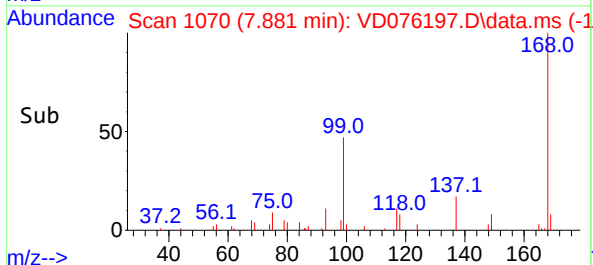
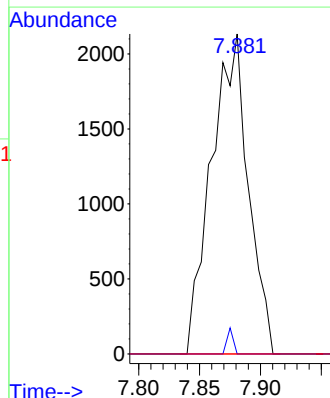
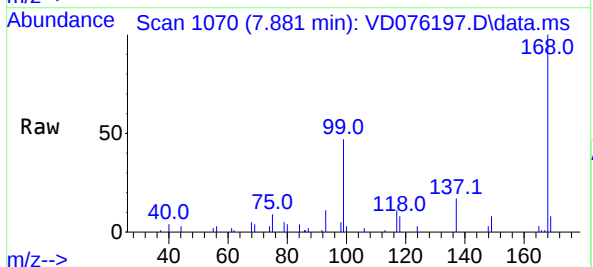
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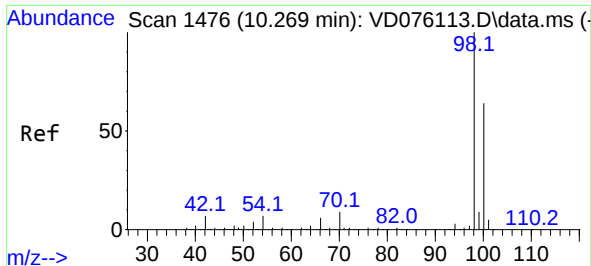
Tgt Ion: 75 Resp: 4084
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Tgt Ion: 117 Resp: 4503
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#

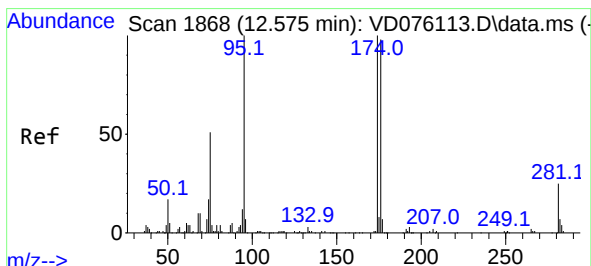
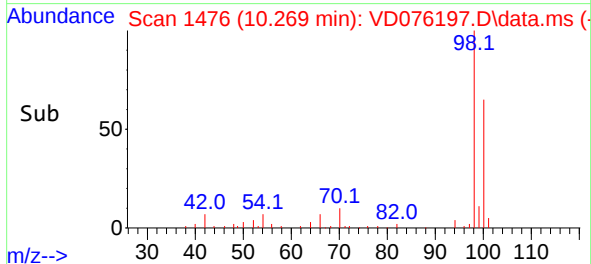
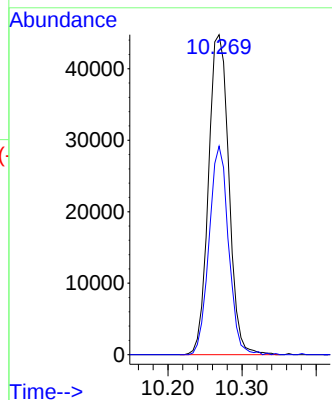
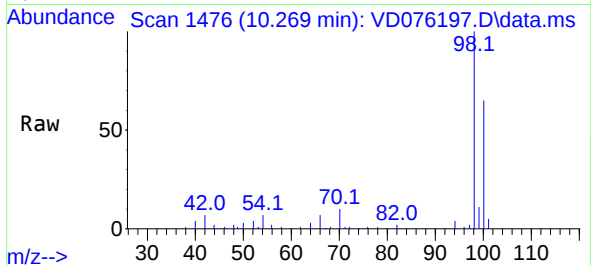




#50
Toluene-d8
Concen: 29.470 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

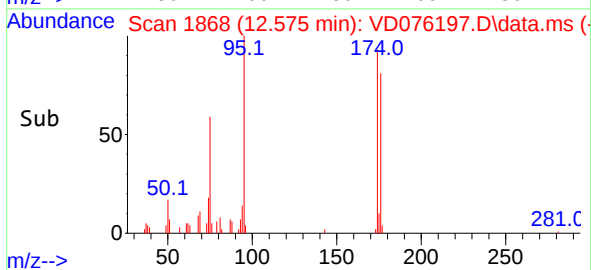
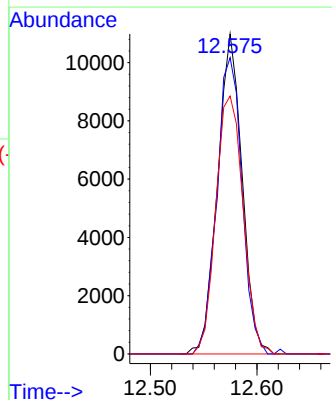
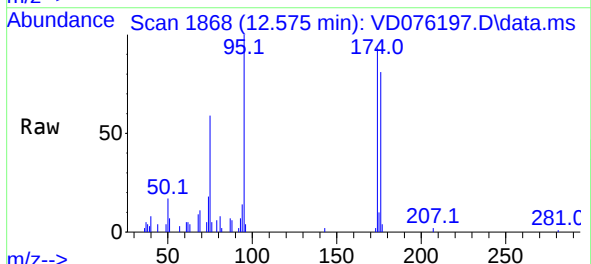
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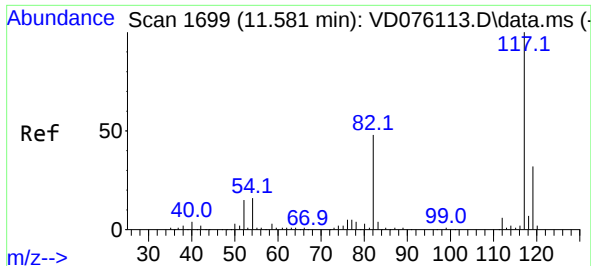
Tgt Ion: 98 Resp: 85359
Ion Ratio Lower Upper
98 100
100 62.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 21.796 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Tgt Ion: 95 Resp: 17537
Ion Ratio Lower Upper
95 100
174 95.3 0.0 164.0
176 89.4 0.0 156.8

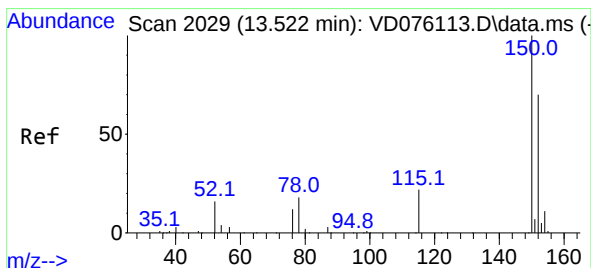
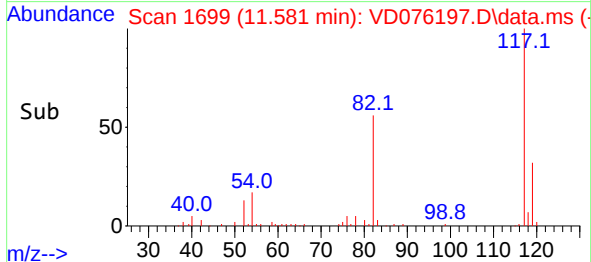
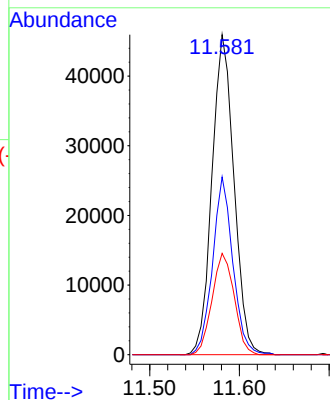
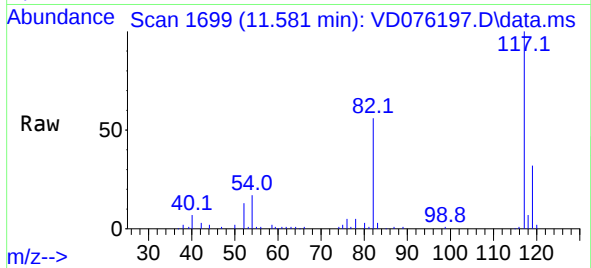




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

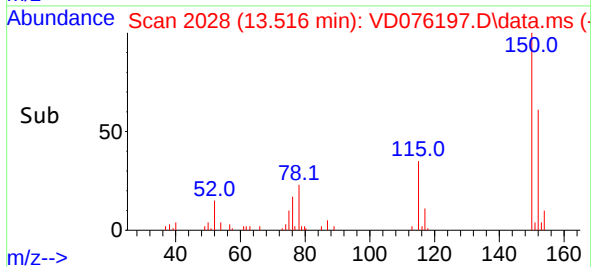
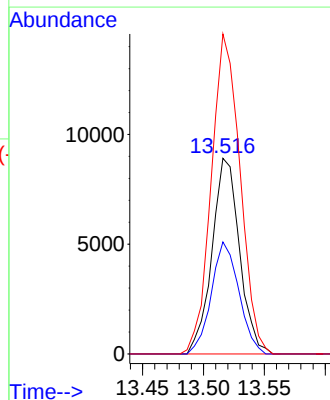
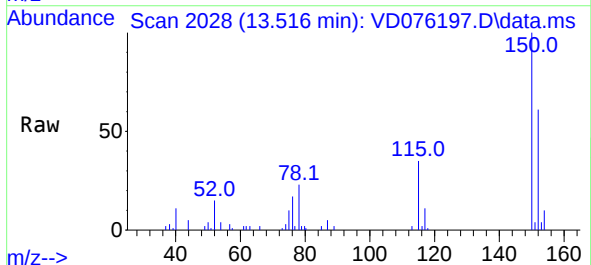
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289

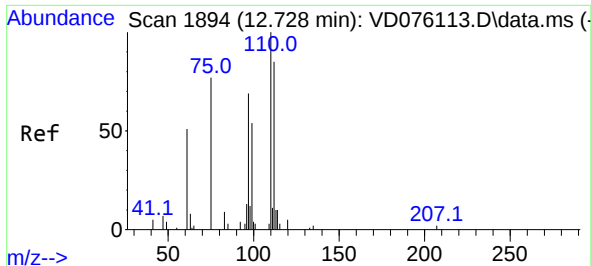
Tgt Ion:	117	Resp:	78218
Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.0	66.0
119	31.7	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Tgt Ion:	152	Resp:	14015
Ion	Ratio	Lower	Upper
152	100		
115	57.4	30.1	90.3
150	171.0	0.0	364.8

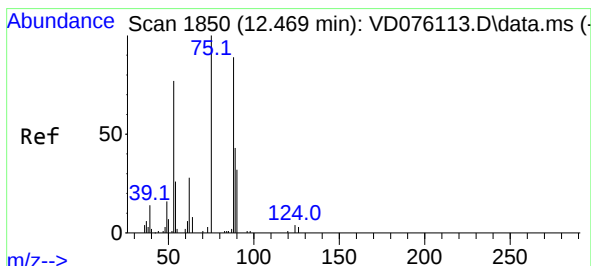
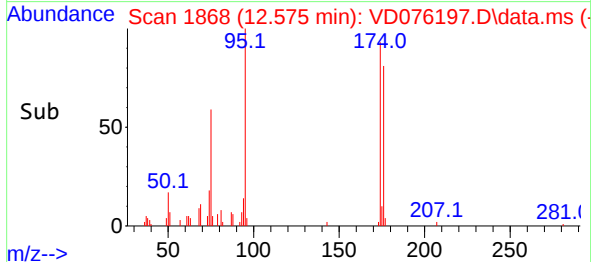
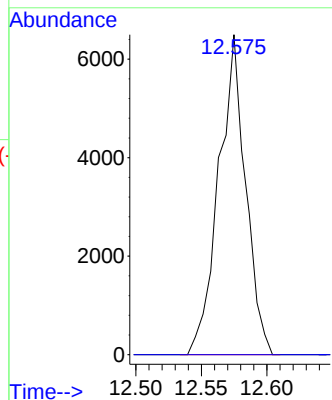
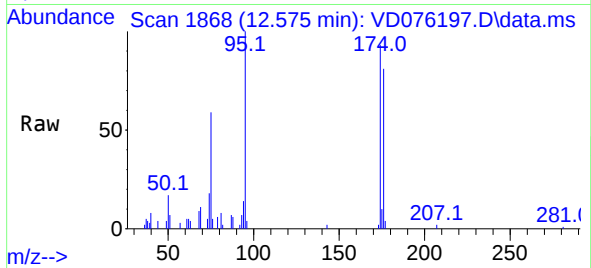




#76
1,2,3-Trichloropropane
Concen: 75.716 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Instrument :
MSVOA_D
ClientSampleId :
ETGI-289

Tgt Ion: 75 Resp: 9286
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 158.839 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076197.D
Acq: 23 May 2023 17:00

Tgt Ion: 75 Resp: 9286
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

