

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071497.D
 Acq On : 28 Dec 2021 12:29
 Operator : VA/SY
 Sample : M5211-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-286

Quant Time: Dec 28 15:07:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

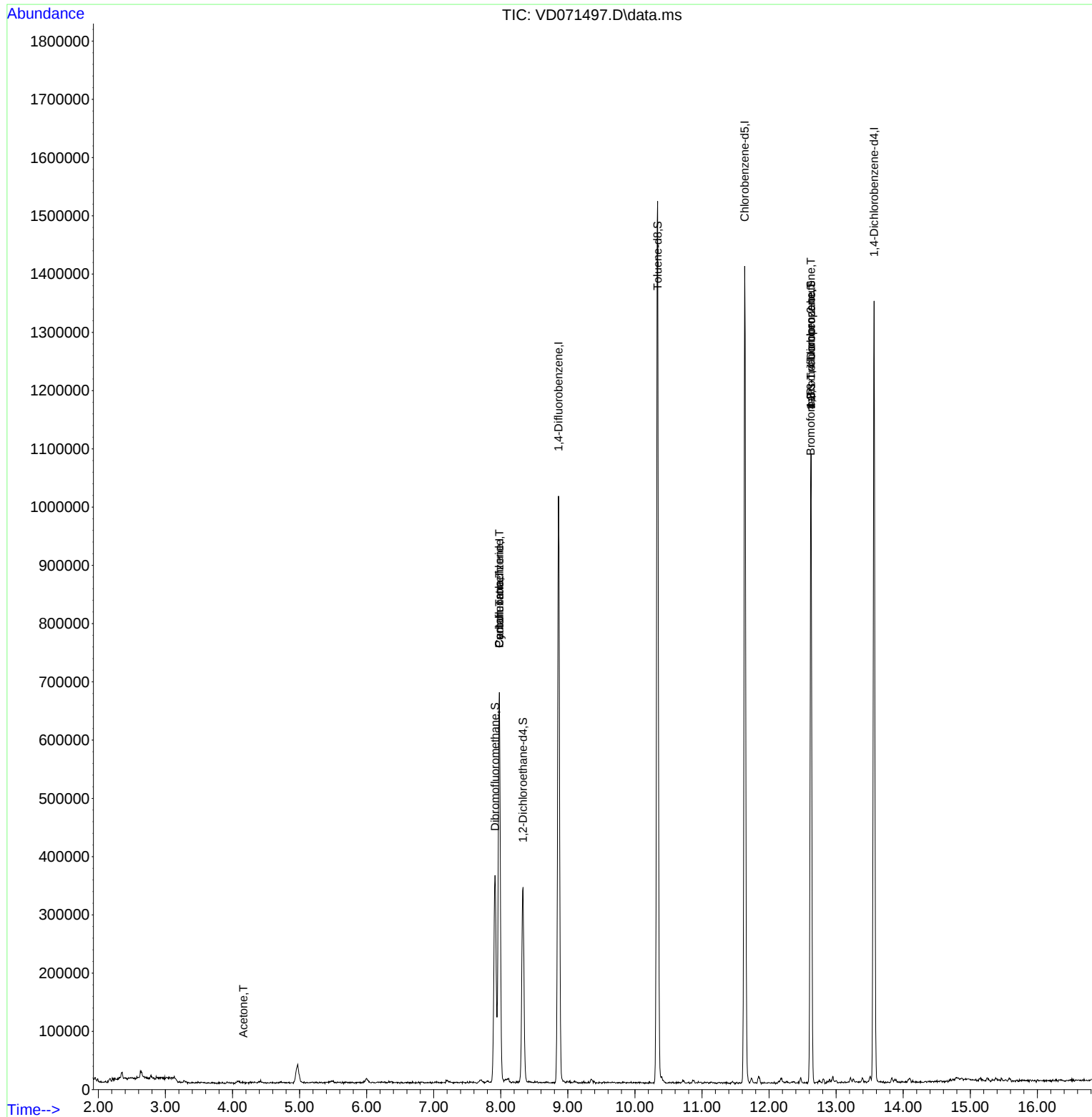
Internal Standards						
1) Pentafluorobenzene	7.979	168	463906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	801632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	735444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	328642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	266288	43.221	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.440%		
35) Dibromofluoromethane	7.914	113	251738	46.726	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.460%		
50) Toluene-d8	10.338	98	998919	49.063	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.626	95	335630	46.391	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.780%		
Target Compounds						
11) Tert butyl alcohol	5.203	59	330	Below Cal	#	71
16) Acetone	4.162	43	2214	1.431	ug/l #	40
20) Methylene Chloride	4.973	84	20933	Below Cal		92
31) Cyclohexane	7.979	56	15217	1.454	ug/l #	28
38) Carbon Tetrachloride	7.979	117	49900	5.876	ug/l #	16
71) Bromoform	12.620	173	3218	1.079	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	189317	48.482	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	189317	136.989	ug/l #	18

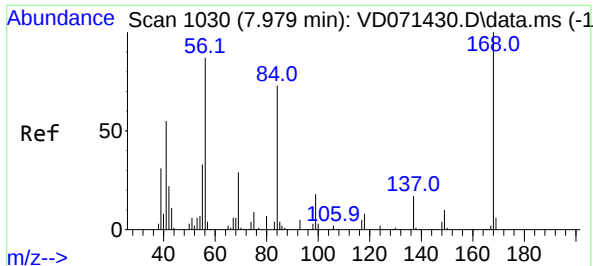
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :
ETGI-286

Quant Time: Dec 28 15:07:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

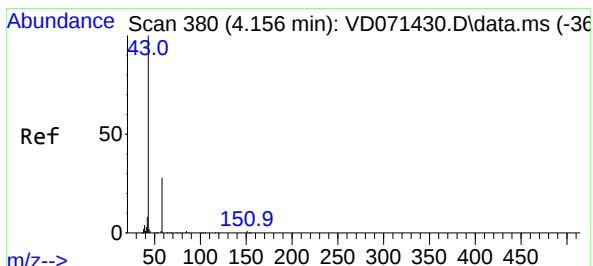
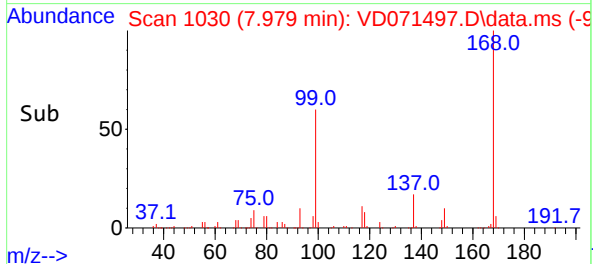
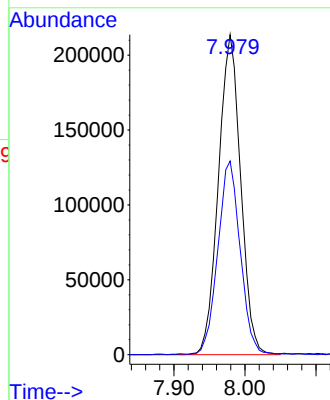
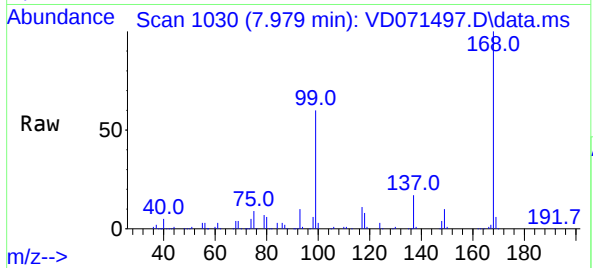




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

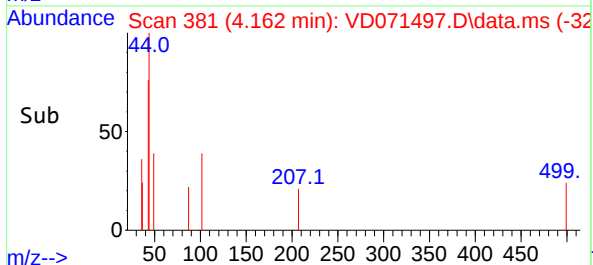
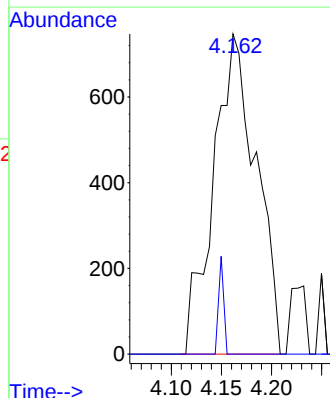
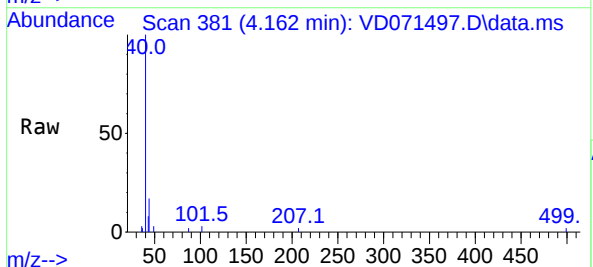
Instrument :
MSVOA_D
ClientSampleId :
ETGI-286

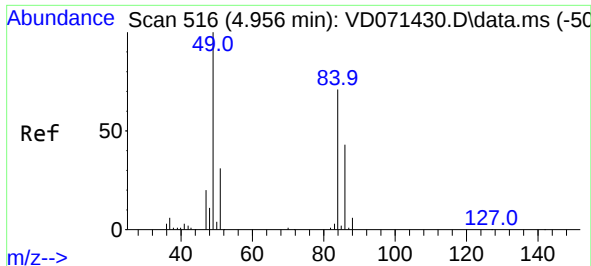
Tgt Ion:168 Resp: 463906
Ion Ratio Lower Upper
168 100
99 60.2 46.6 69.8



#16
Acetone
Concen: 1.431 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

Tgt Ion: 43 Resp: 2214
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



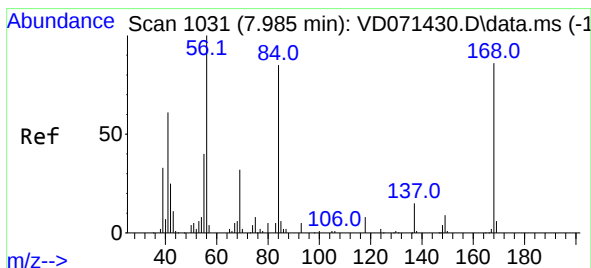
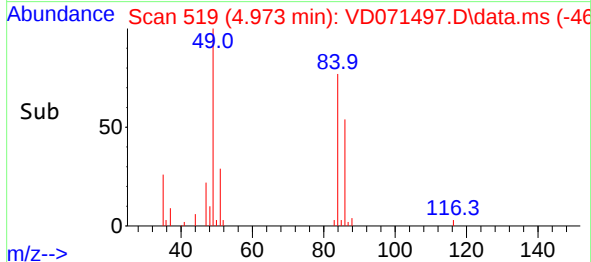
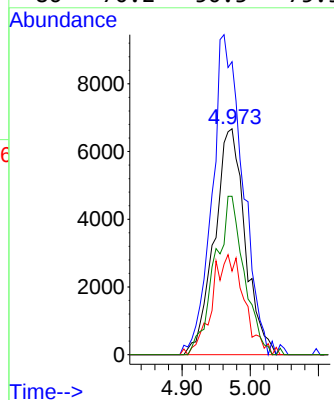
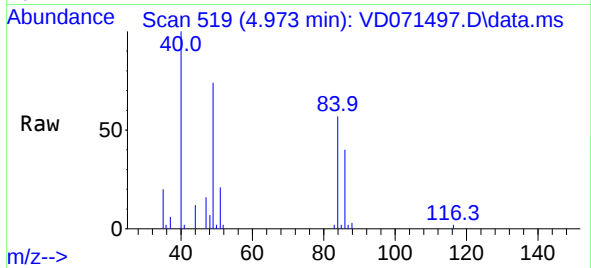


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
ETGI-286

Tgt Ion: 84 Resp: 20933

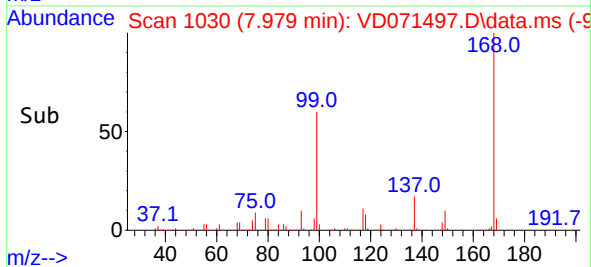
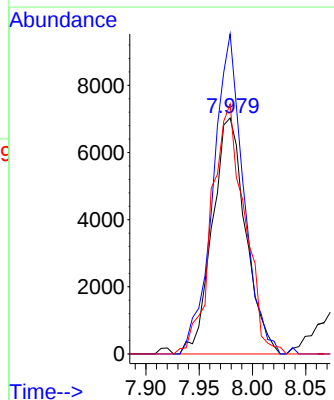
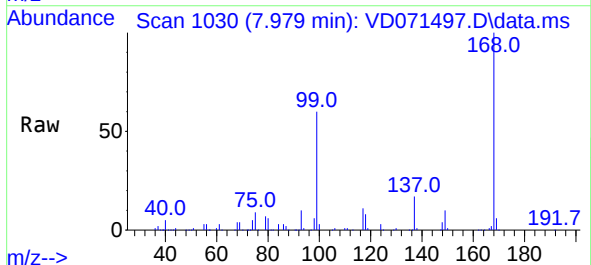
Ion	Ratio	Lower	Upper
84	100		
49	129.7	95.8	143.6
51	37.0	30.9	46.3
86	70.2	50.3	75.5

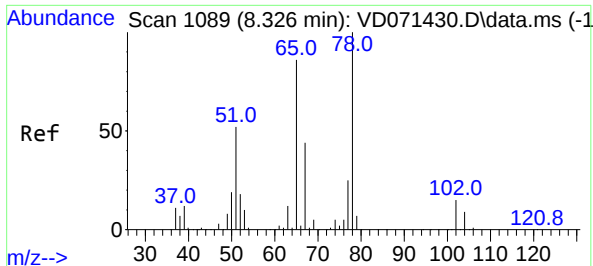


#31
Cyclohexane
Concen: 1.454 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

Tgt Ion: 56 Resp: 15217

Ion	Ratio	Lower	Upper
56	100		
69	135.6	25.9	38.9#
84	103.7	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 43.221 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071497.D

Acq: 28 Dec 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

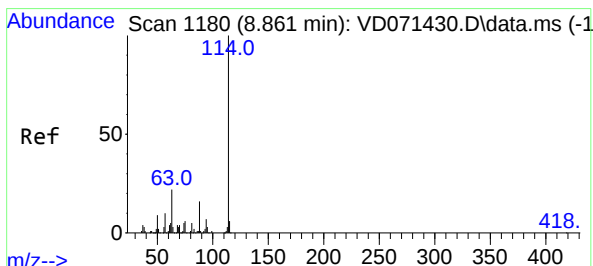
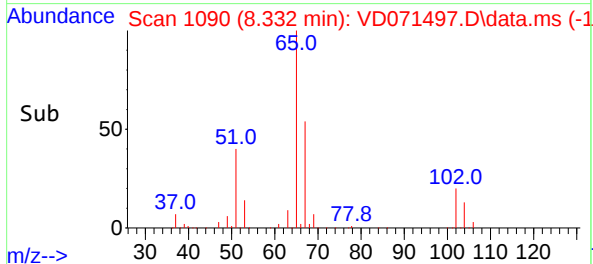
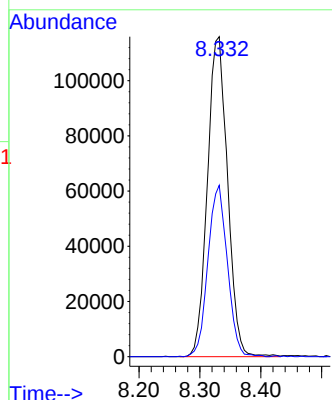
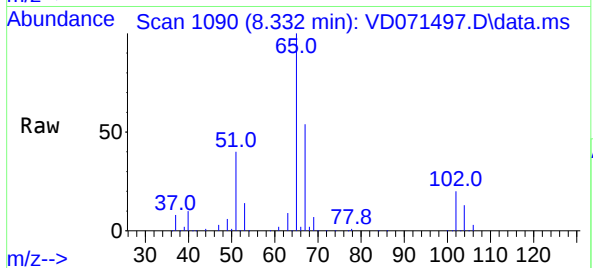
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Tgt Ion: 65 Resp: 266288

Ion Ratio Lower Upper

65 100

67 51.7 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071497.D

Acq: 28 Dec 2021 12:29

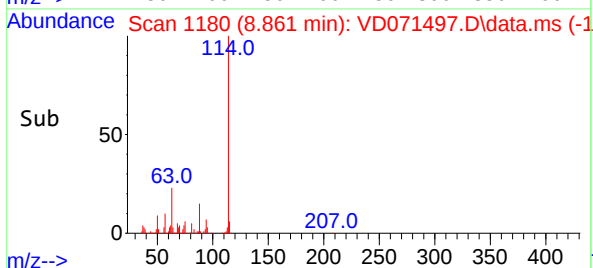
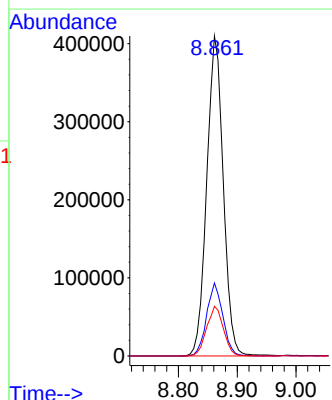
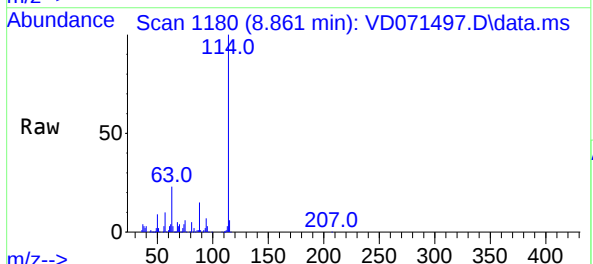
Tgt Ion: 114 Resp: 801632

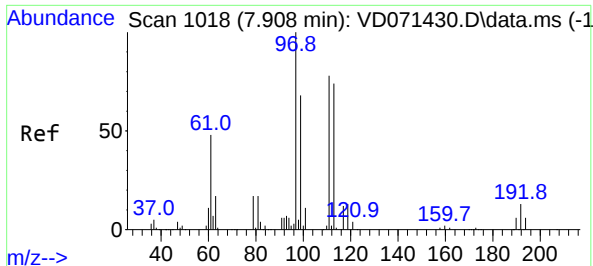
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.726 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD071497.D

Acq: 28 Dec 2021 12:29

Instrument :

MSVOA_D

ClientSampleId :

ETGI-286

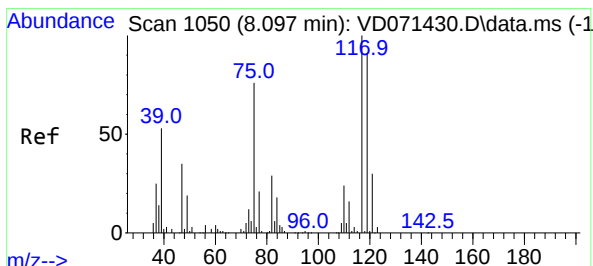
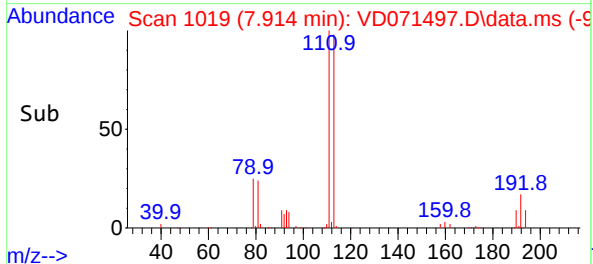
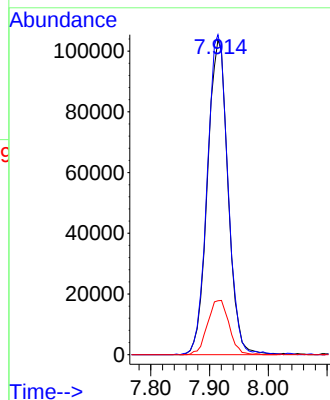
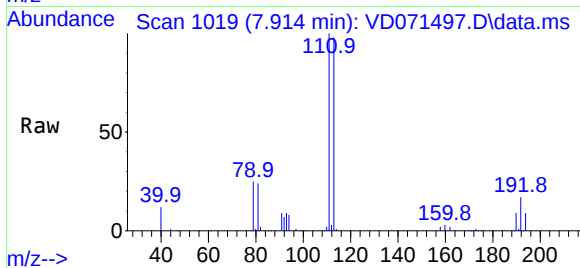
Tgt Ion:113 Resp: 251738

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 18.1 15.2 22.8



#38

Carbon Tetrachloride

Concen: 5.876 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071497.D

Acq: 28 Dec 2021 12:29

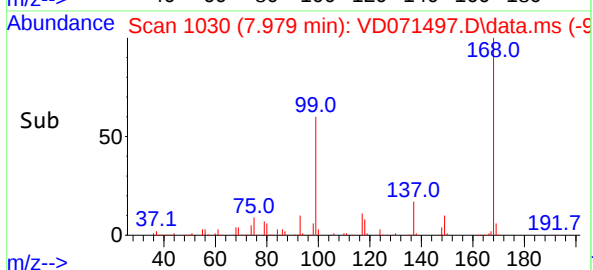
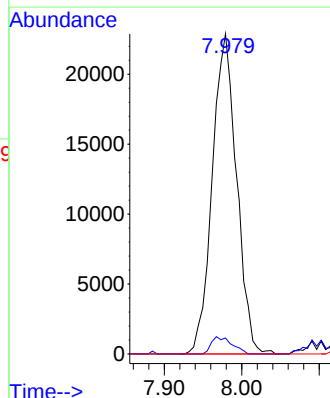
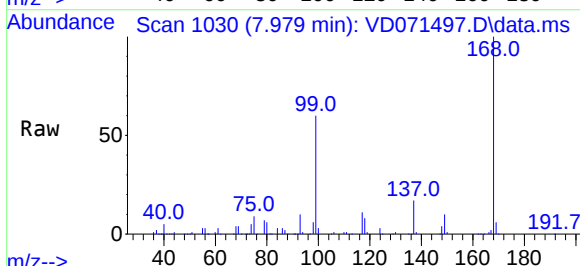
Tgt Ion:117 Resp: 49900

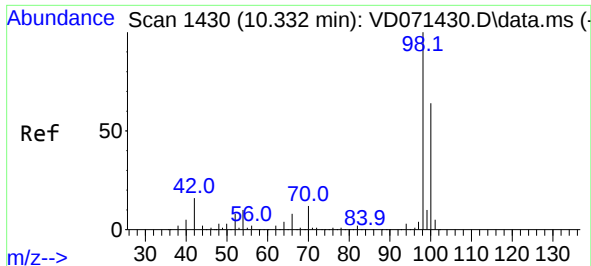
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

121 0.0 23.6 35.4#

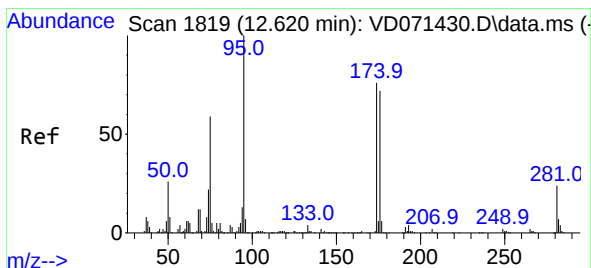
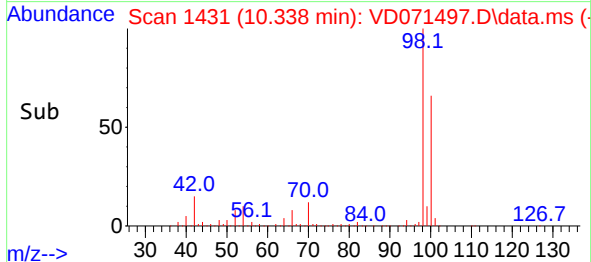
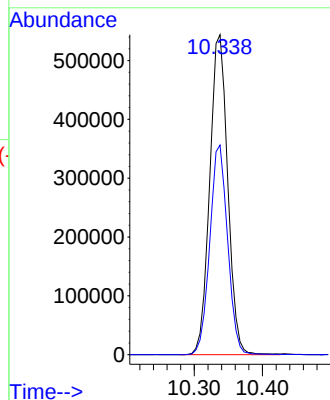
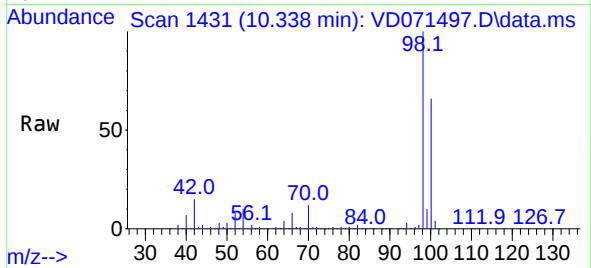




#50
Toluene-d8
Concen: 49.063 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

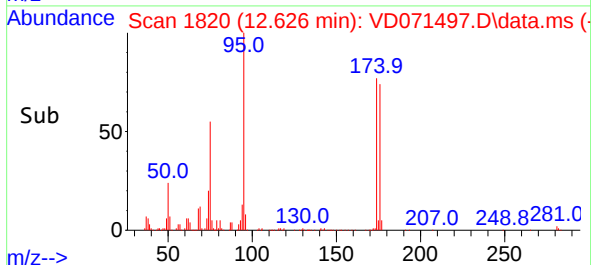
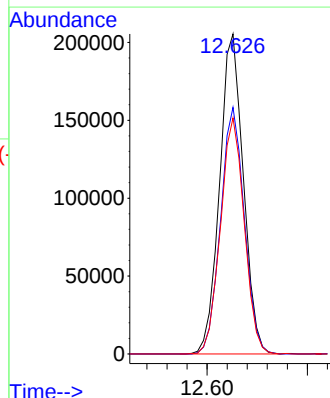
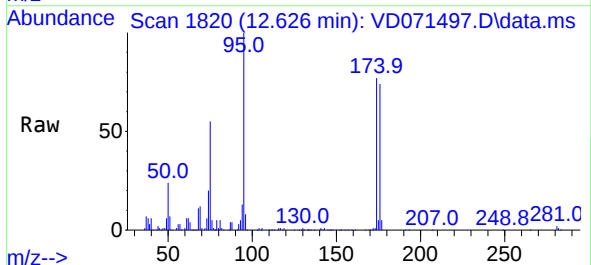
Instrument :
MSVOA_D
ClientSampleId :
ETGI-286

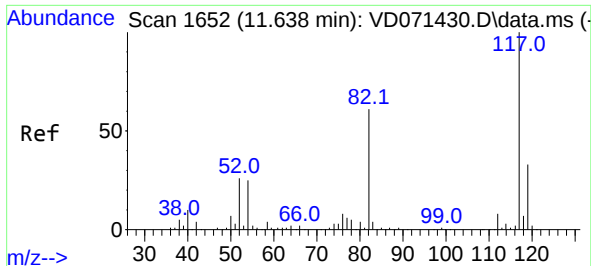
Tgt Ion: 98 Resp: 998919
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.391 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

Tgt Ion: 95 Resp: 335630
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 74.0 0.0 154.0

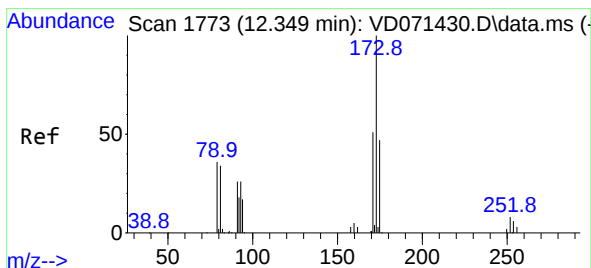
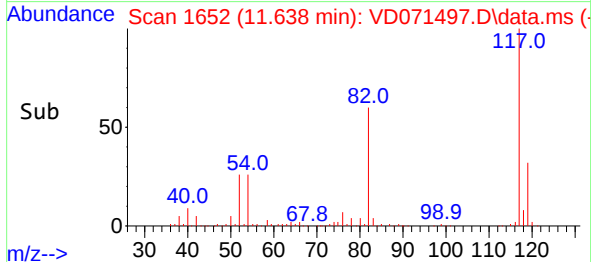
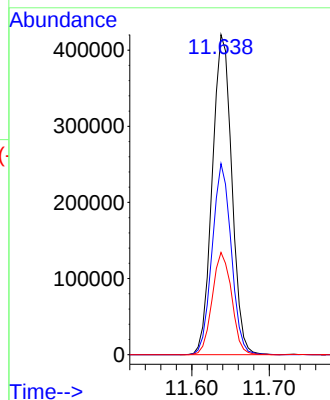
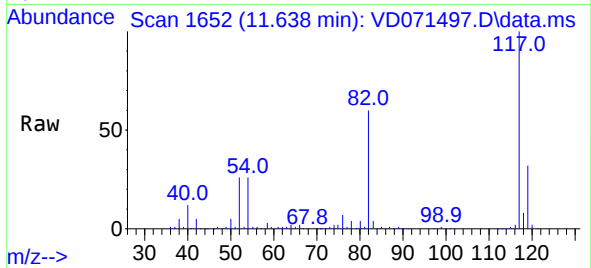




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

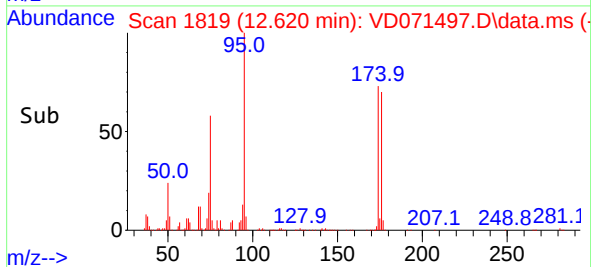
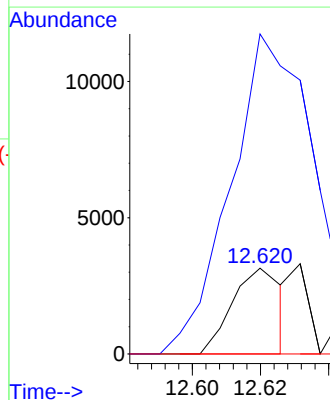
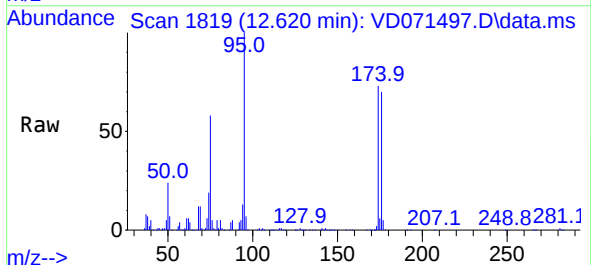
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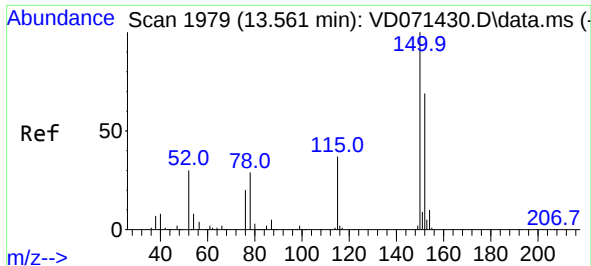
Tgt Ion:117 Resp: 735444
Ion Ratio Lower Upper
117 100
82 59.7 44.7 67.1
119 31.9 26.2 39.4



#71
Bromoform
Concen: 1.079 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

Tgt Ion:173 Resp: 3218
Ion Ratio Lower Upper
173 100
175 407.2 24.1 72.2#
254 0.0 0.1 0.1#

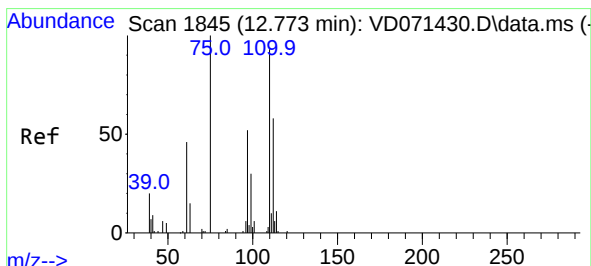
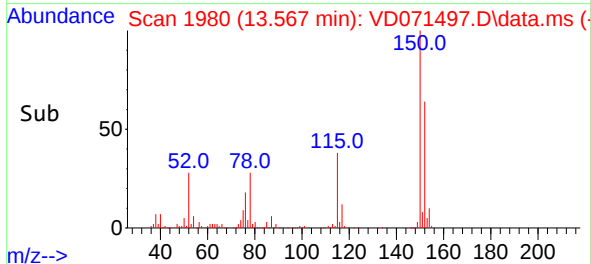
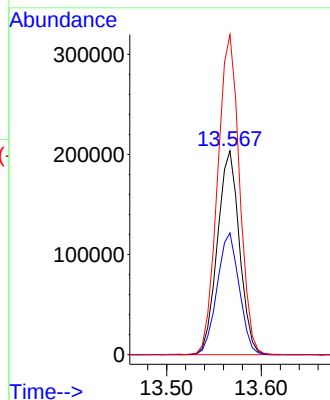
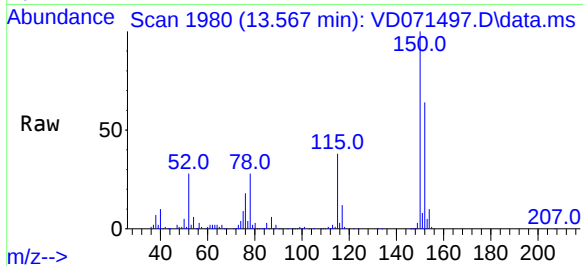




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

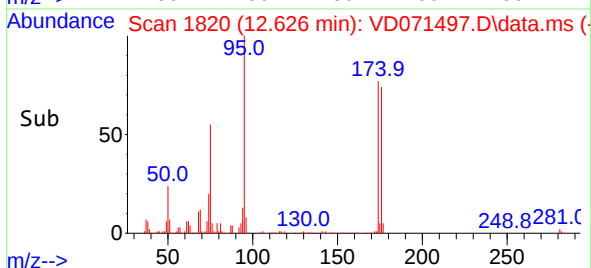
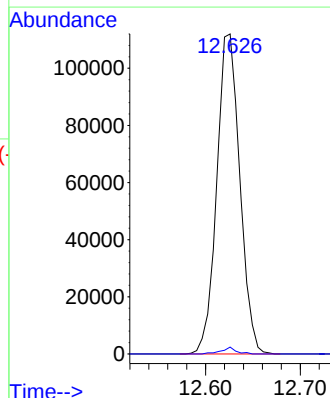
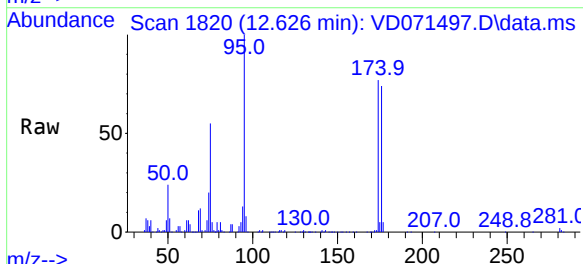
Instrument :
MSVOA_D
ClientSampleId :
ETGI-286

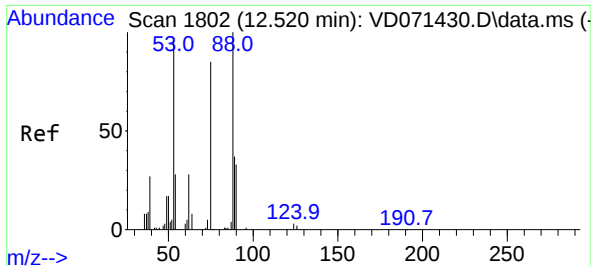
Tgt Ion:152 Resp: 328642
Ion Ratio Lower Upper
152 100
115 60.2 29.8 89.3
150 156.5 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 48.482 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071497.D
Acq: 28 Dec 2021 12:29

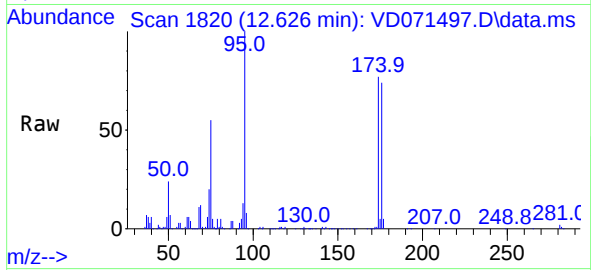
Tgt Ion: 75 Resp: 189317
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.989 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071497.D
 Acq: 28 Dec 2021 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-286



Tgt Ion: 75 Resp: 189317
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.1 34.5 51.7#

