

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070666.D
 Acq On : 11 Oct 2021 18:03
 Operator : VA/SY
 Sample : M4142-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-330

Quant Time: Oct 12 05:42:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

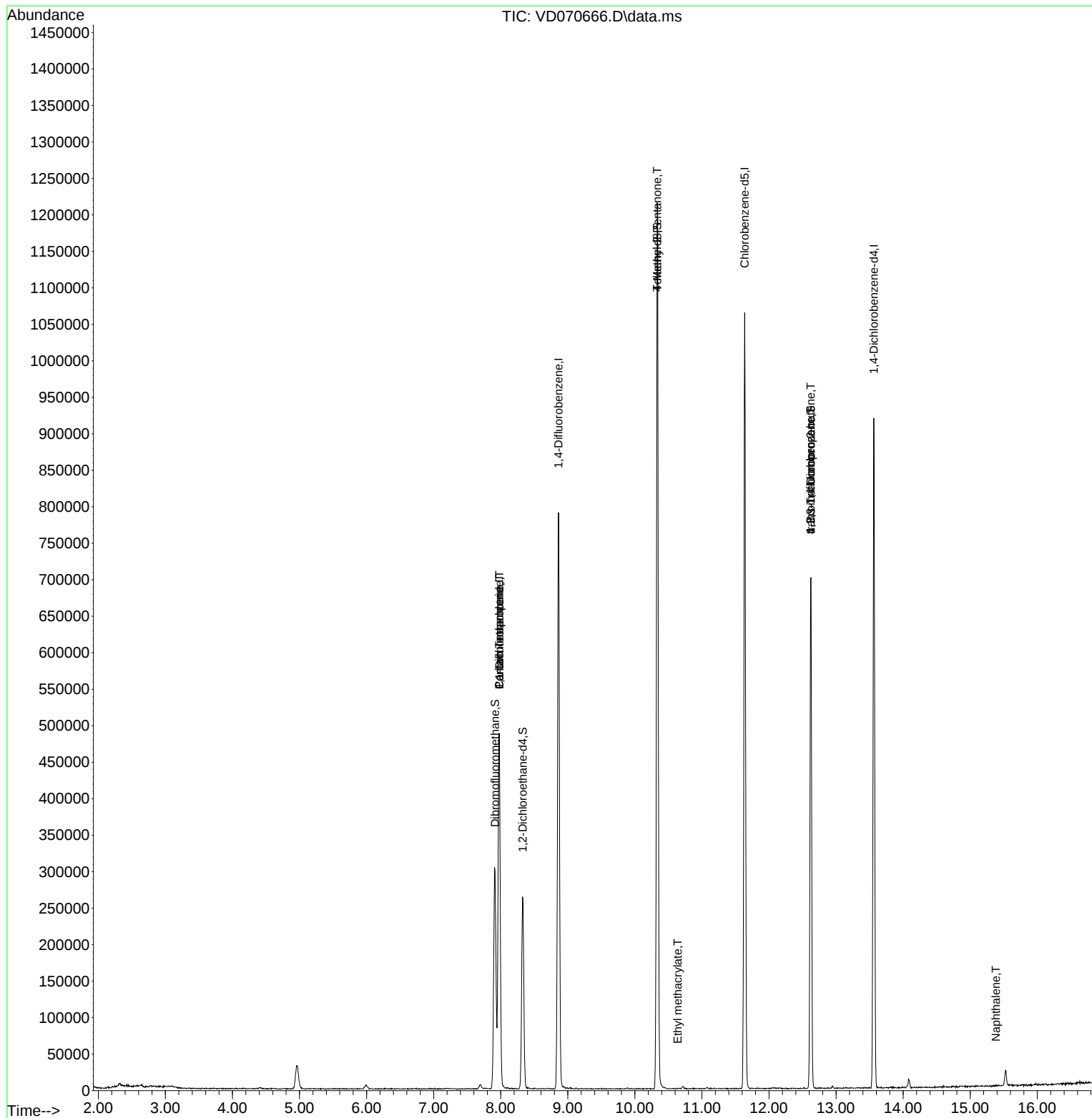
Internal Standards						
1) Pentafluorobenzene	7.979	168	345868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	682260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	622864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214010	52.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.160%	
35) Dibromofluoromethane	7.914	113	227804	50.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.440%	
50) Toluene-d8	10.332	98	868478	50.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.620	95	261414	45.105	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.200%	
Target Compounds						
5) Bromomethane	2.779	94	1022	Below Cal	Qvalue 88	
20) Methylene Chloride	4.956	84	27702	Below Cal	91	
36) 1,1-Dichloropropene	7.979	75	31322	4.323	ug/l #	50
38) Carbon Tetrachloride	7.979	117	38511	5.079	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	2833	1.245	ug/l #	1
56) Ethyl methacrylate	10.638	69	55	1.385	ug/l #	32
59) 2-Hexanone	10.861	43	62	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.620	75	120264	54.345	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	120264	120.656	ug/l #	17
95) Naphthalene	15.385	128	145	2.507	ug/l #	69

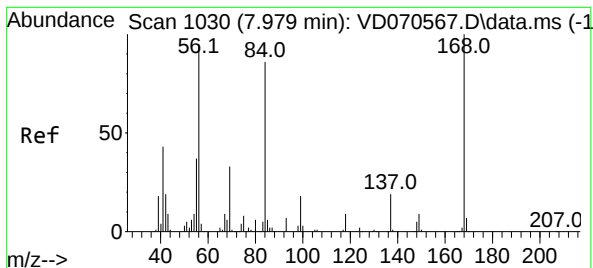
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD070666.D

Acq: 11 Oct 2021 18:03

Instrument :

MSVOA_D

ClientSampleId :

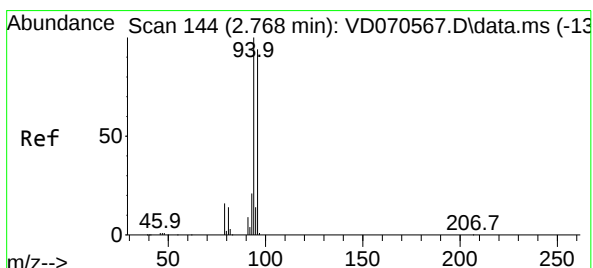
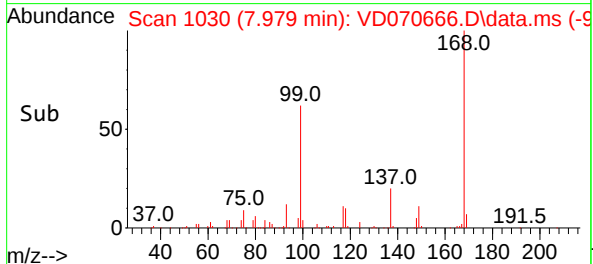
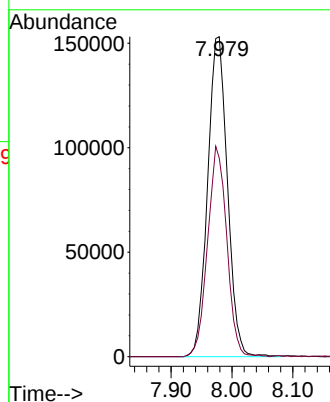
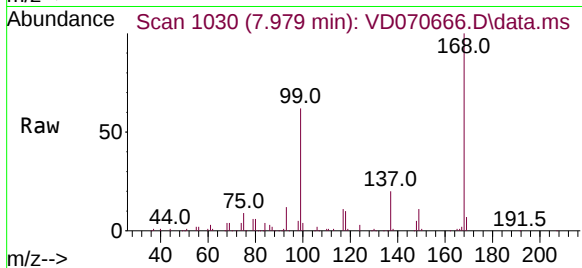
ETGI-330

Tgt Ion:168 Resp: 345868

Ion Ratio Lower Upper

168 100

99 62.1 51.4 77.0



#5

Bromomethane

Concen: Below Cal

RT: 2.779 min Scan# 146

Delta R.T. 0.011 min

Lab File: VD070666.D

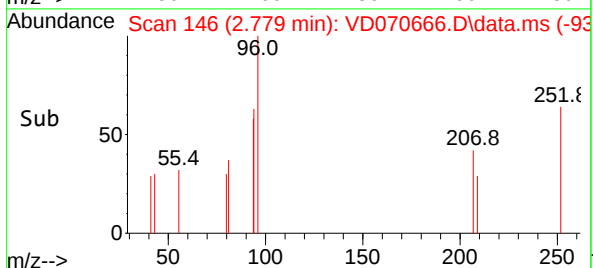
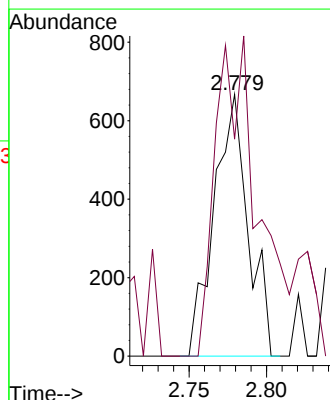
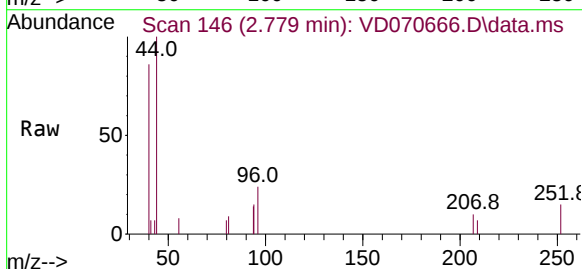
Acq: 11 Oct 2021 18:03

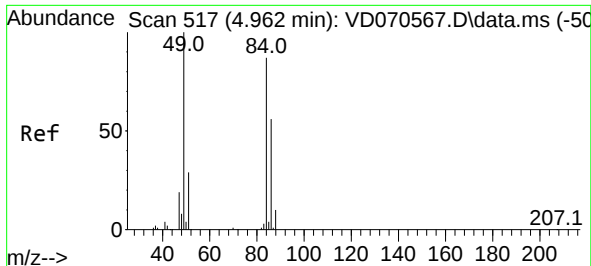
Tgt Ion: 94 Resp: 1022

Ion Ratio Lower Upper

94 100

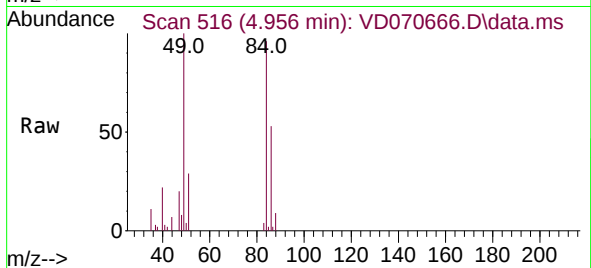
96 82.9 75.5 113.3



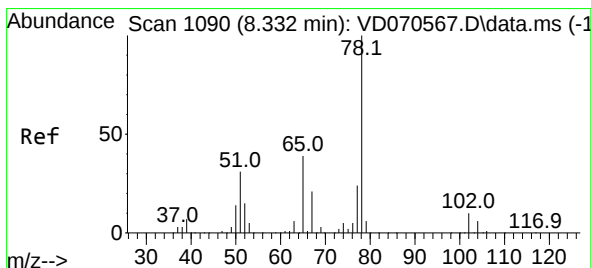
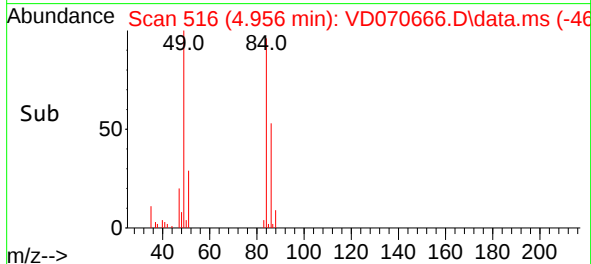
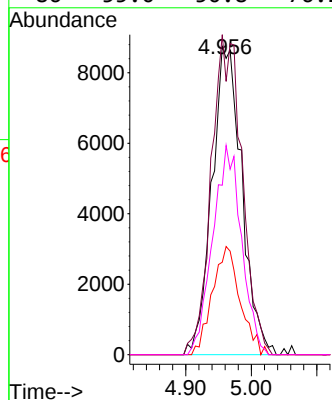


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Instrument :
MSVOA_D
ClientSampleId :
ETGI-330

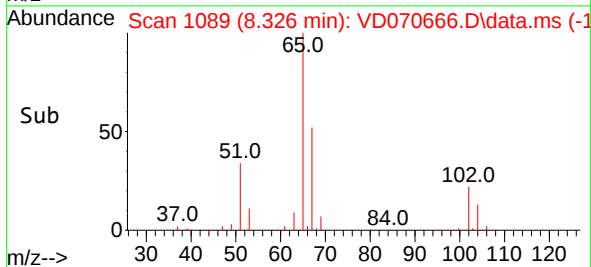
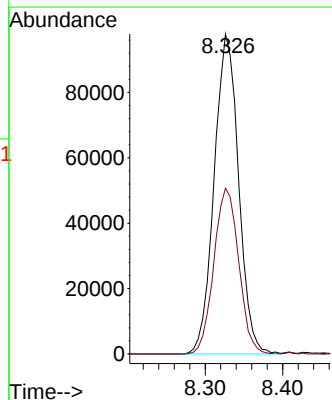
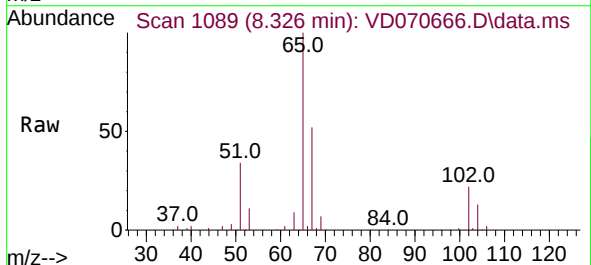


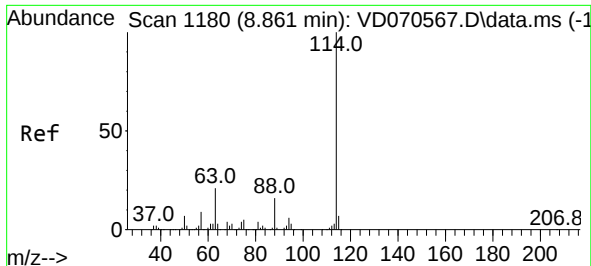
Tgt Ion:	84	Resp:	27702
Ion	Ratio	Lower	Upper
84	100		
49	103.9	91.4	137.2
51	30.0	26.7	40.1
86	55.0	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 52.577 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion:	65	Resp:	214010
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	110.2

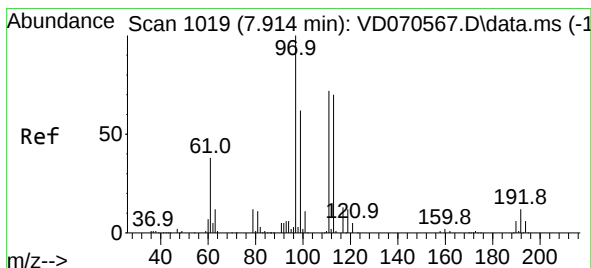
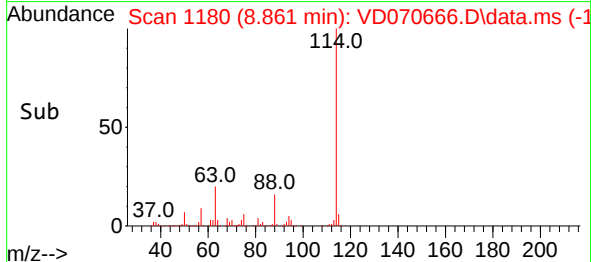
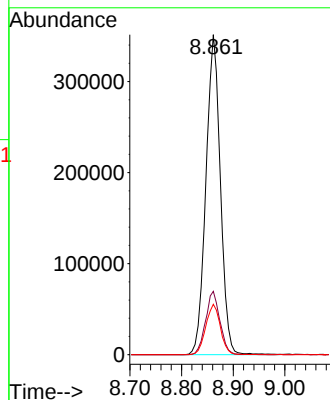
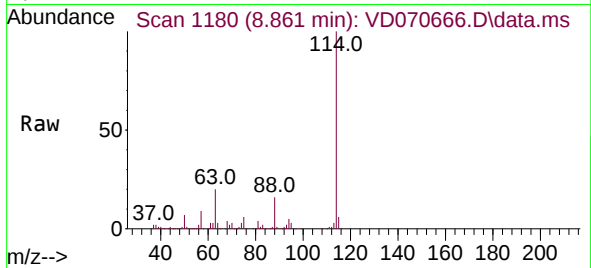




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

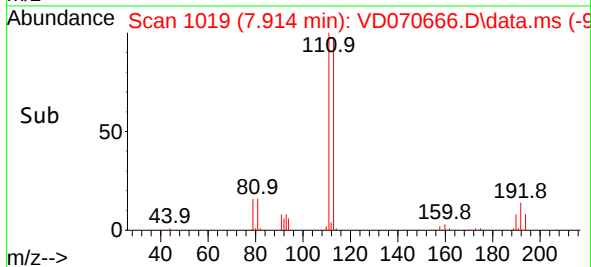
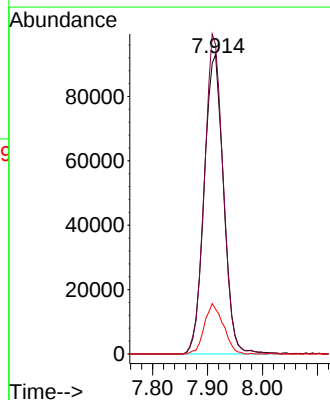
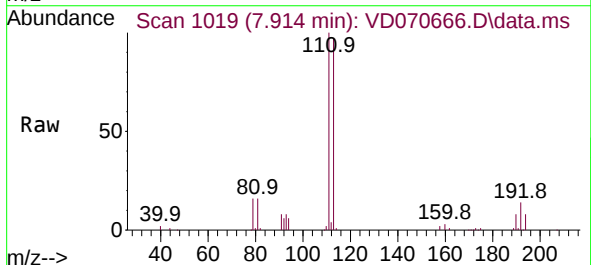
Instrument :
MSVOA_D
ClientSampleId :
ETGI-330

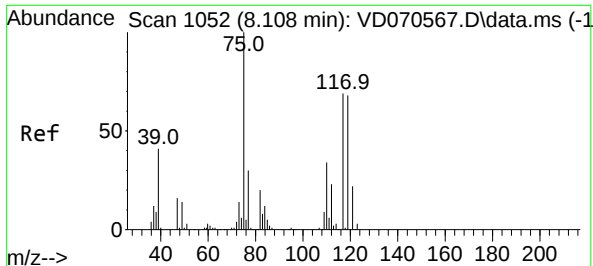
Tgt Ion:114 Resp: 682260
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.8
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.221 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion:113 Resp: 227804
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 16.5 12.7 19.1

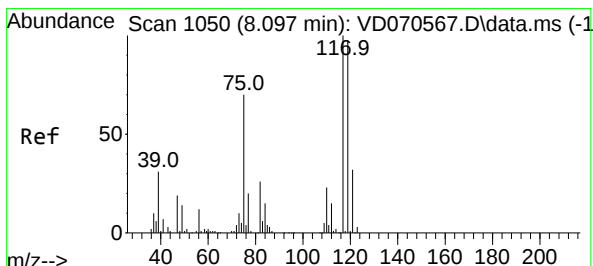
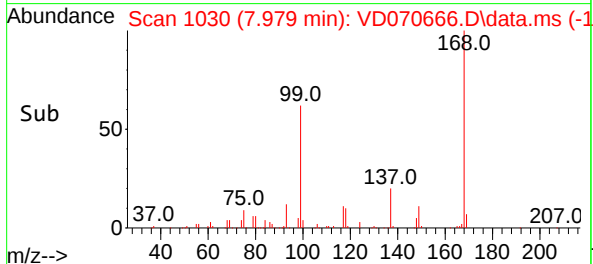
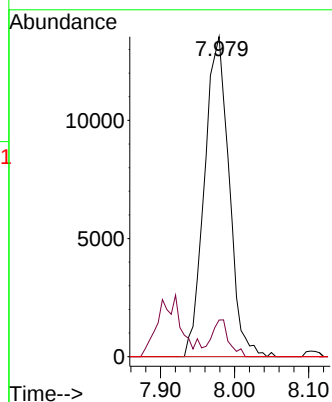
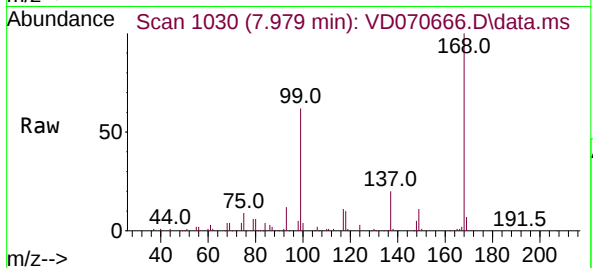




#36
1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

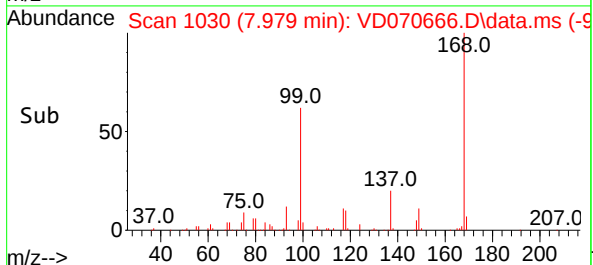
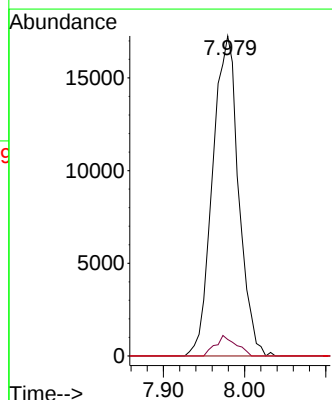
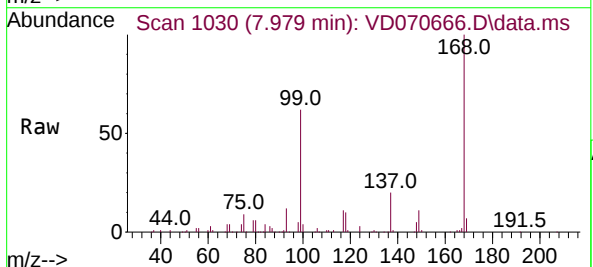
Instrument :
MSVOA_D
ClientSampleId :
ETGI-330

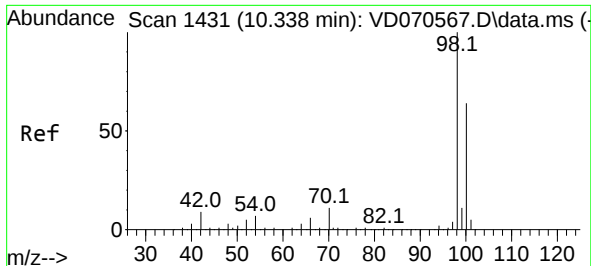
Tgt Ion: 75 Resp: 31322
Ion Ratio Lower Upper
75 100
110 8.1 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.079 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion: 117 Resp: 38511
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.0#
121 0.0 25.4 38.0#

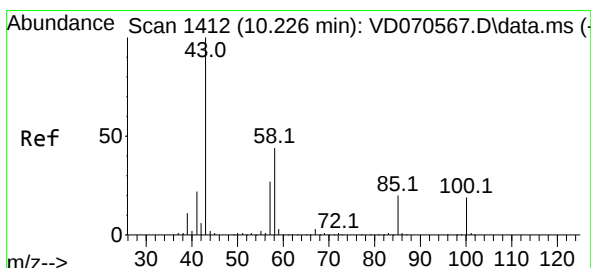
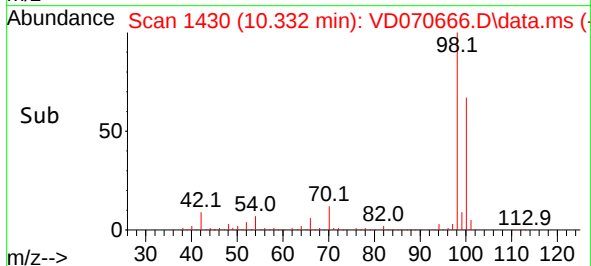
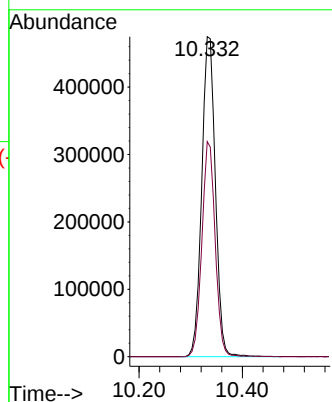
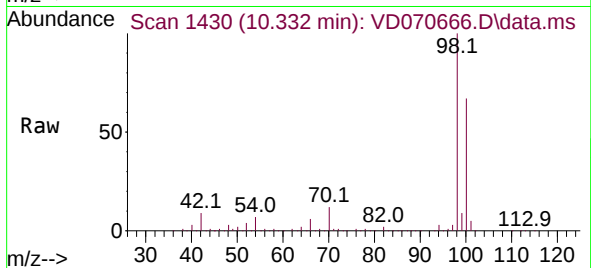




#50
Toluene-d8
Concen: 50.083 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

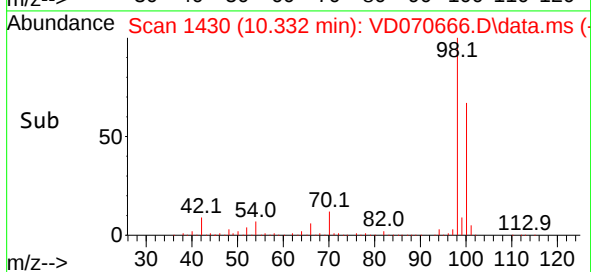
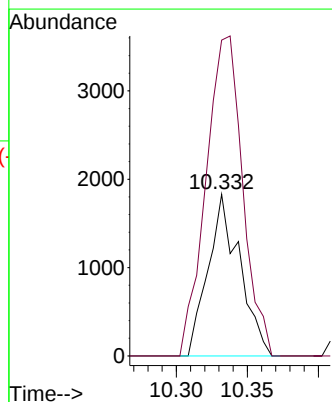
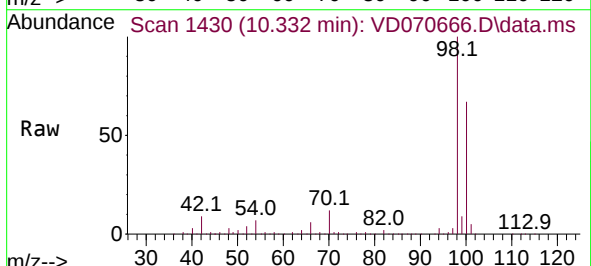
Instrument :
MSVOA_D
ClientSampleId :
ETGI-330

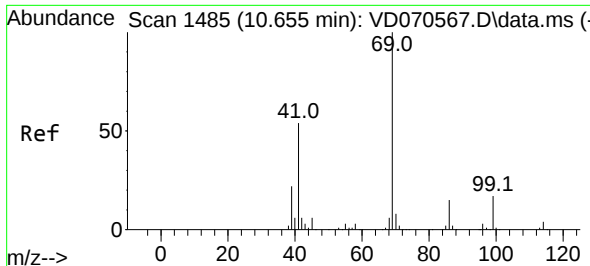
Tgt Ion: 98 Resp: 868478
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.245 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion: 43 Resp: 2833
Ion Ratio Lower Upper
43 100
58 229.8 35.0 52.6#

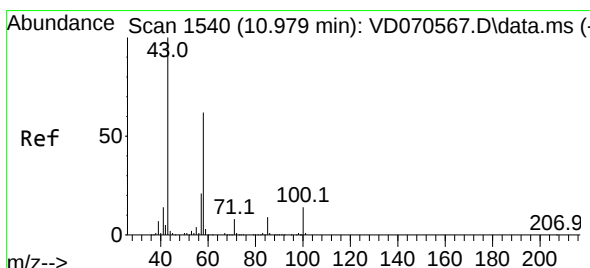
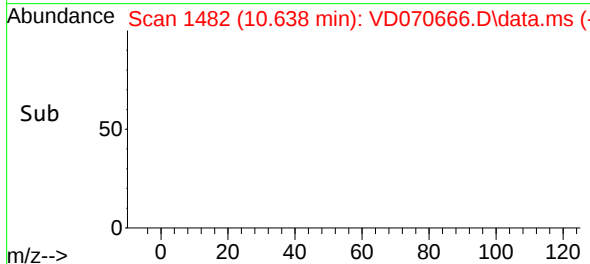
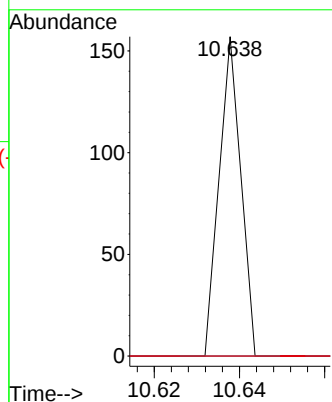
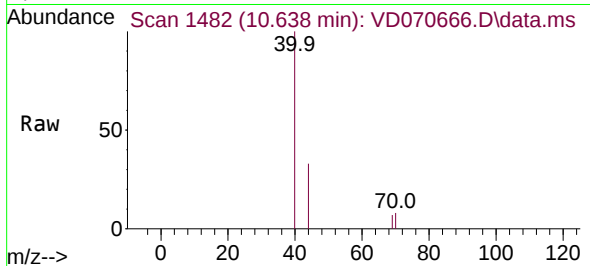




#56
Ethyl methacrylate
Concen: 1.385 ug/l
RT: 10.638 min Scan# 1482
Delta R.T. -0.017 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

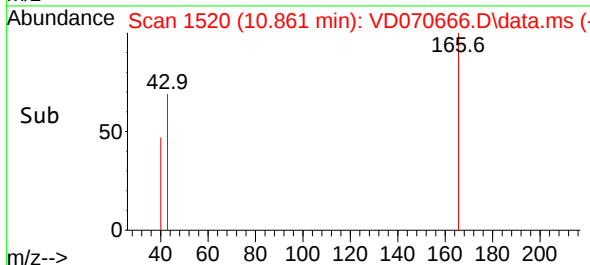
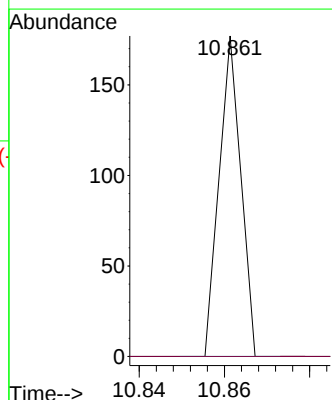
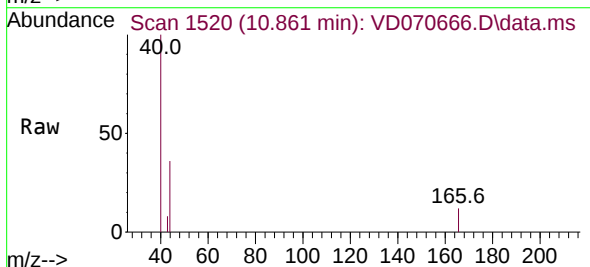
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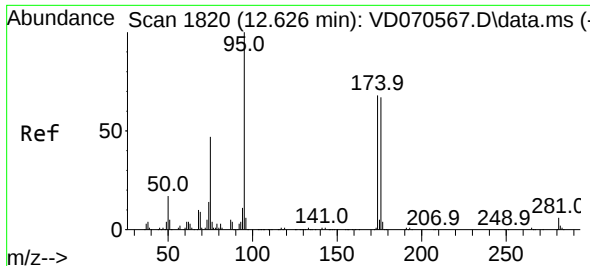
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 0.0 19.5 29.3#



#59
2-Hexanone
Concen: Below Cal
RT: 10.861 min Scan# 1520
Delta R.T. -0.118 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#

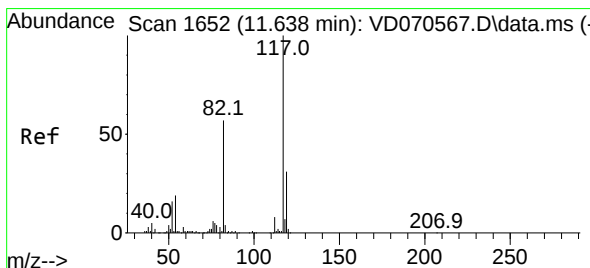
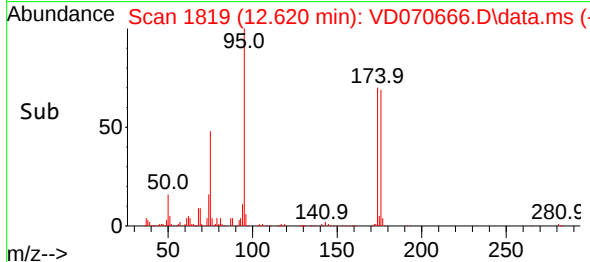
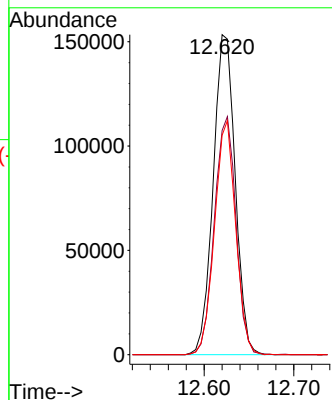
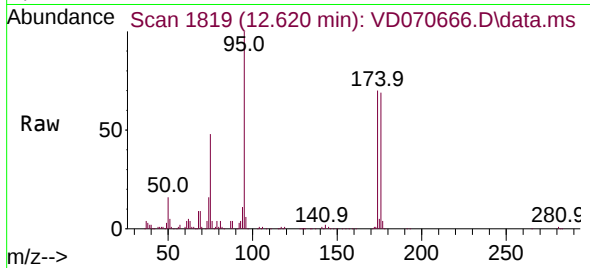




#62
4-Bromofluorobenzene
Concen: 45.105 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

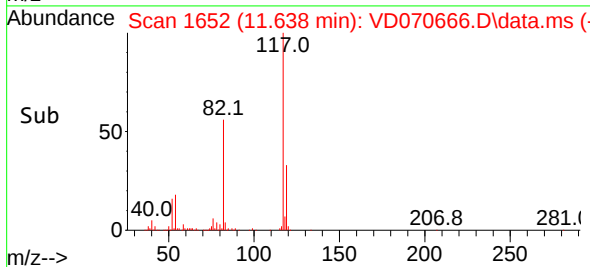
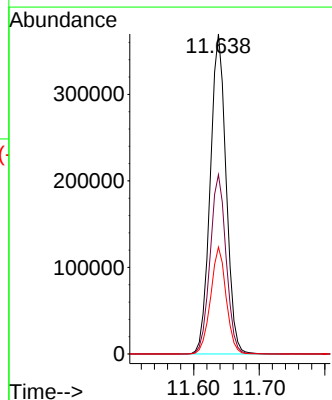
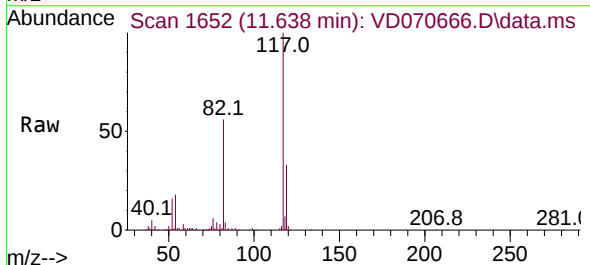
Instrument :
MSVOA_D
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ETGI-330

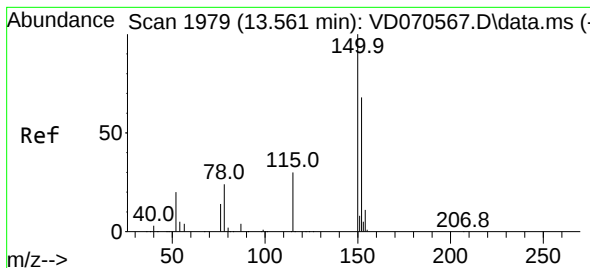
Tgt Ion: 95 Resp: 261414
Ion Ratio Lower Upper
95 100
174 73.0 0.0 138.0
176 70.2 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion: 117 Resp: 622864
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 33.4 24.7 37.1

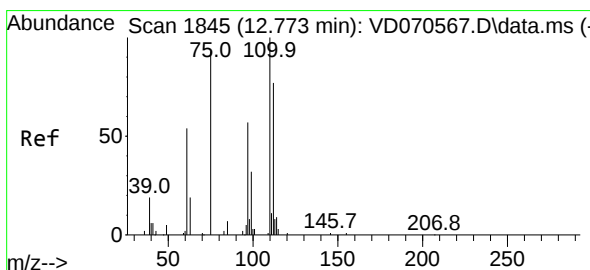
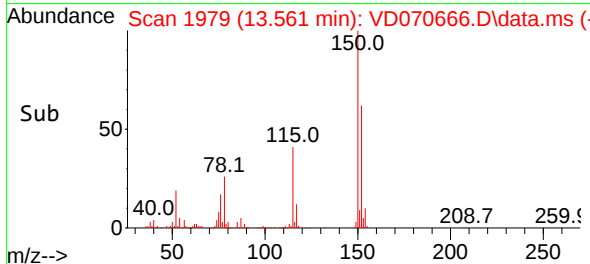
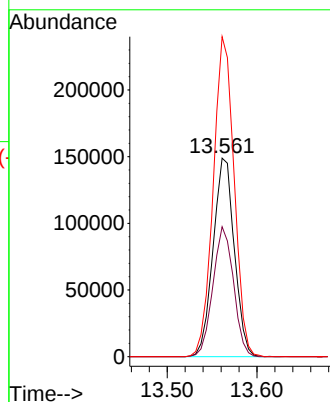
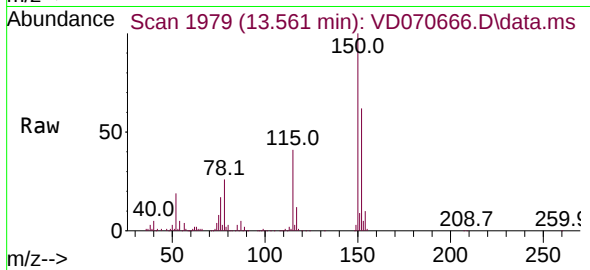




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070666.D
 Acq: 11 Oct 2021 18:03

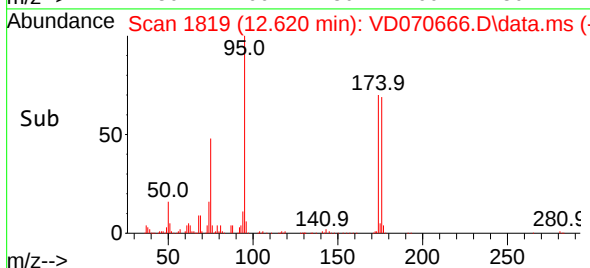
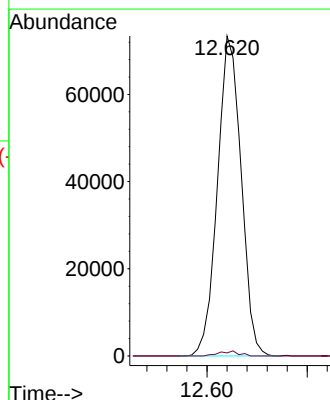
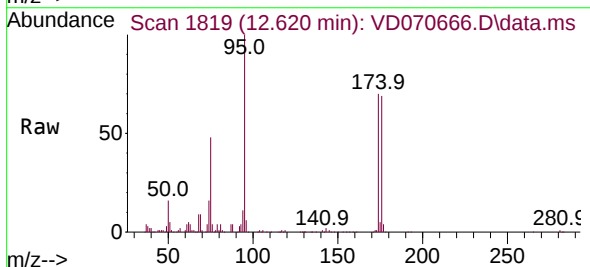
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-330

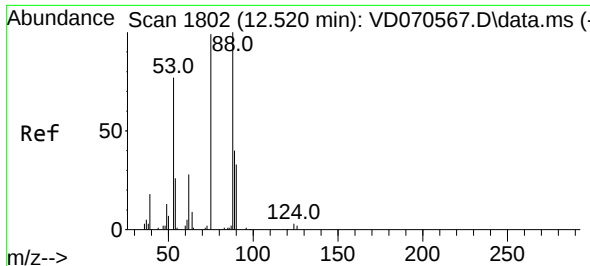
Tgt Ion:152 Resp: 244496
 Ion Ratio Lower Upper
 152 100
 115 63.4 31.9 95.7
 150 158.4 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 54.345 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070666.D
 Acq: 11 Oct 2021 18:03

Tgt Ion: 75 Resp: 120264
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

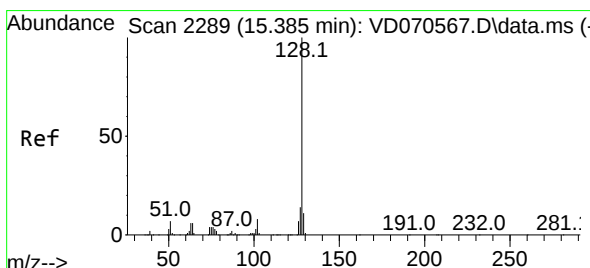
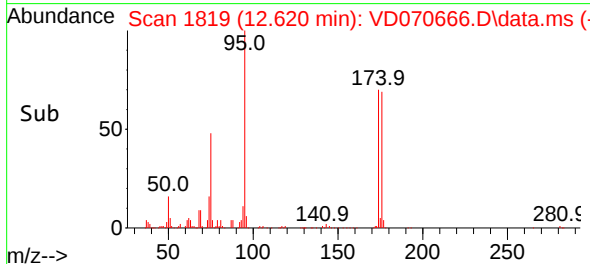
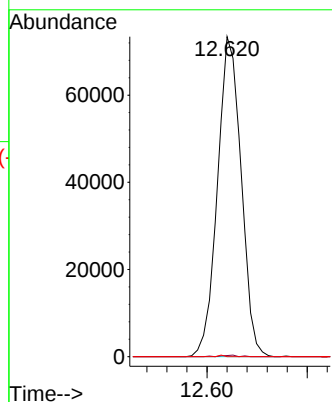
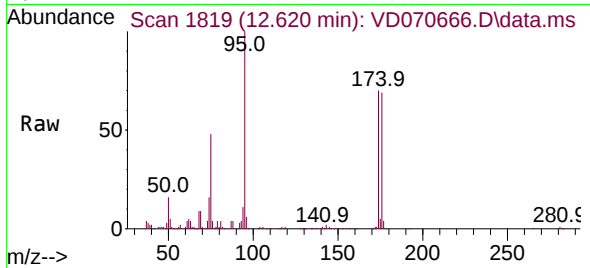




#81
trans-1,4-Dichloro-2-butene
Concen: 120.656 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Instrument :
MSVOA_D
ClientSampleId :
ETGI-330

Tgt Ion: 75 Resp: 120264
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 2.507 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion: 128 Resp: 145
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

