

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069324.D
 Acq On : 03 Jun 2021 14:49
 Operator : VA/SY
 Sample : M2585-01RE
 Misc : 5.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-363RE

Quant Time: Jun 04 03:01:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

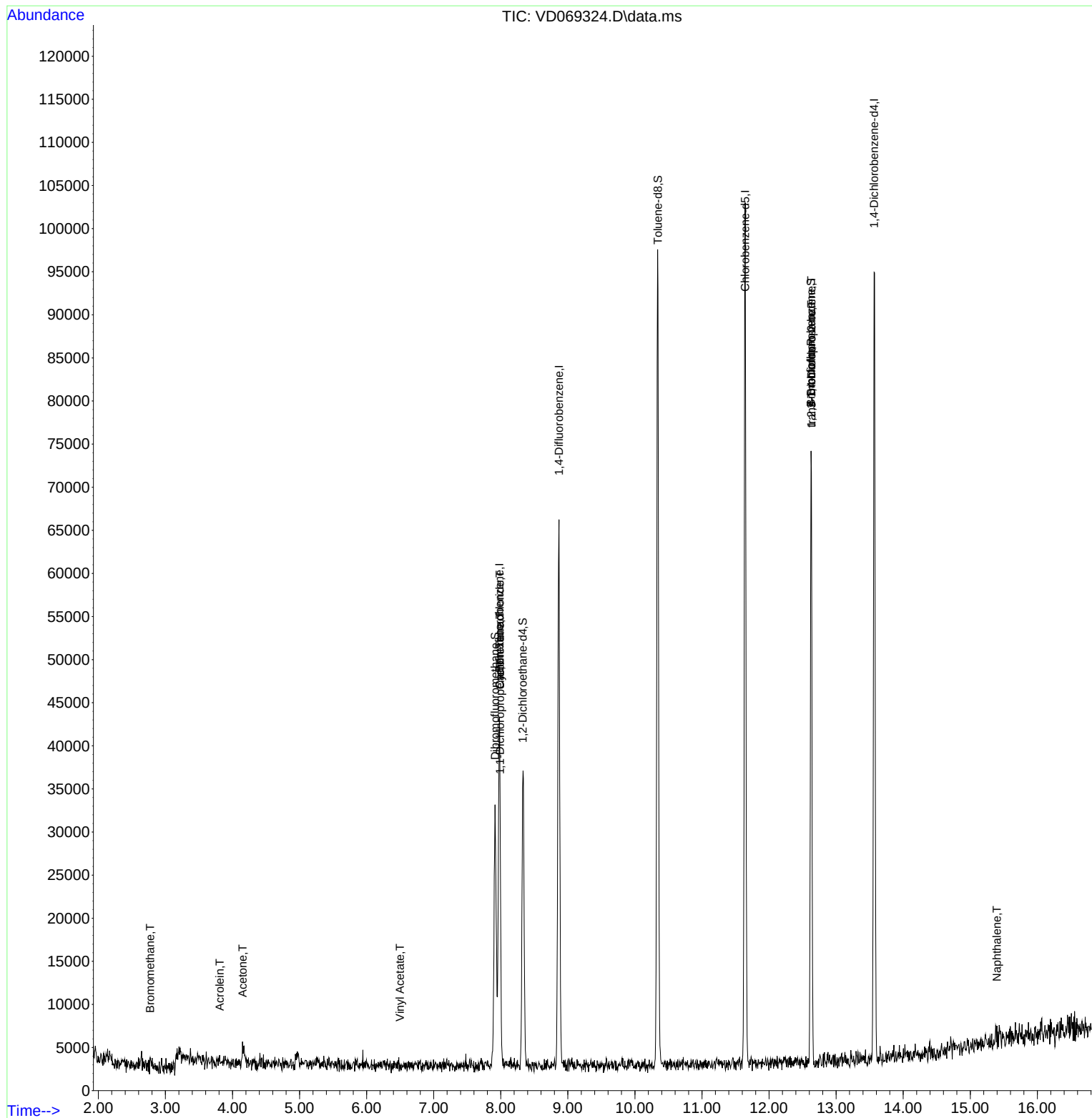
Internal Standards						
1) Pentafluorobenzene	7.979	168	29521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	54905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	60517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	26141	92.286	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 184.580%#			
35) Dibromofluoromethane	7.914	113	21327	61.855	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.700%			
50) Toluene-d8	10.344	98	67740	54.028	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.626	95	22458	54.665	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.320%			
Target Compounds			Qvalue			
5) Bromomethane	2.773	94	640	3.671	ug/l #	29
11) Tert butyl alcohol	5.220	59	151	Below Cal	#	73
13) Acrolein	3.809	56	54	19.804	ug/l #	16
16) Acetone	4.150	43	1342	27.149	ug/l #	77
20) Methylene Chloride	4.956	84	1174	Below Cal	#	55
23) Vinyl Acetate	6.497	43	87	11.801	ug/l #	67
31) Cyclohexane	7.985	56	773	1.717	ug/l #	23
36) 1,1-Dichloropropene	7.991	75	2393	4.484	ug/l #	44
38) Carbon Tetrachloride	7.985	117	3370	5.849	ug/l #	11
71) Bromoform	12.626	173	241	1.003	ug/l #	29
76) 1,2,3-Trichloropropane	12.632	75	11316	47.094	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	11316	104.361	ug/l #	18
95) Naphthalene	15.396	128	642	3.937	ug/l #	83

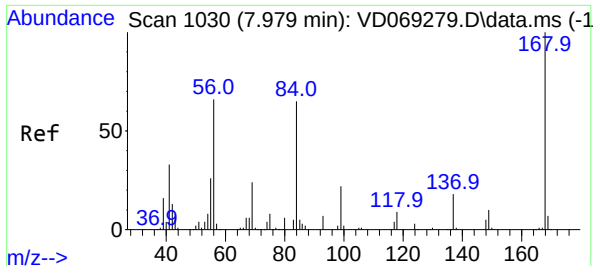
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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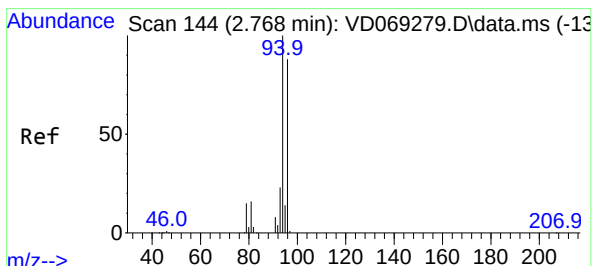
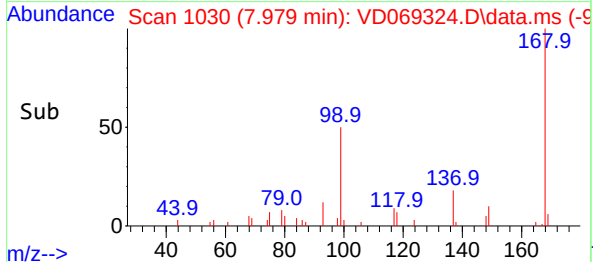
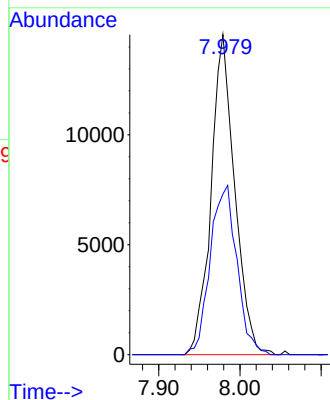
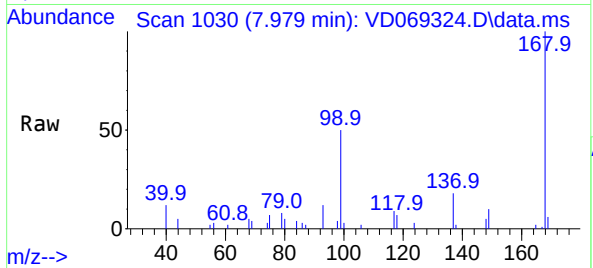




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

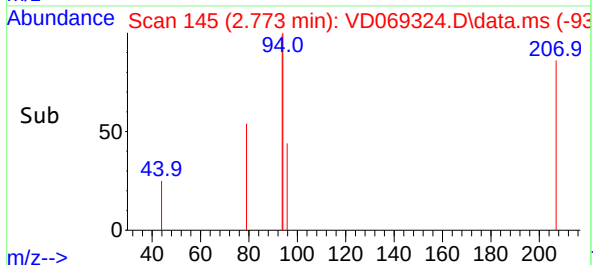
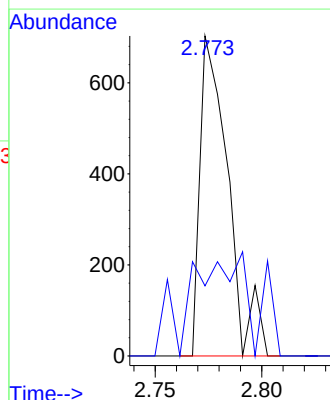
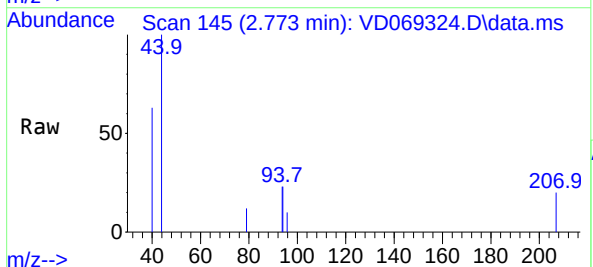
Instrument :
MSVOA_D
ClientSampleId :
ETGI-363RE

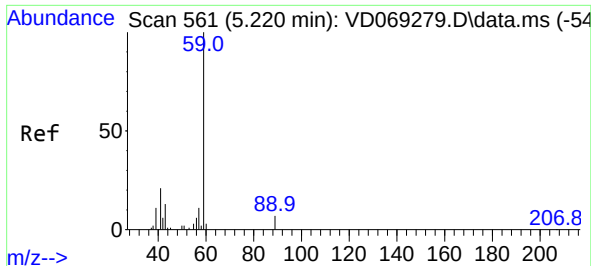
Tgt Ion:168 Resp: 29521
Ion Ratio Lower Upper
168 100
99 50.2 46.2 69.2



#5
Bromomethane
Concen: 3.671 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 94 Resp: 640
Ion Ratio Lower Upper
94 100
96 21.9 70.3 105.5#

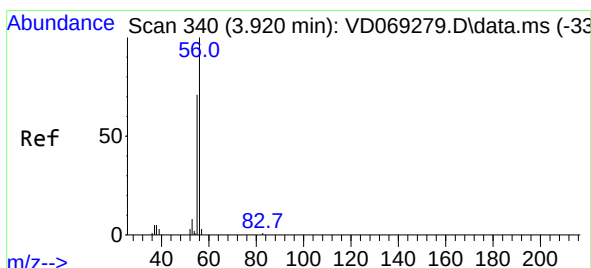
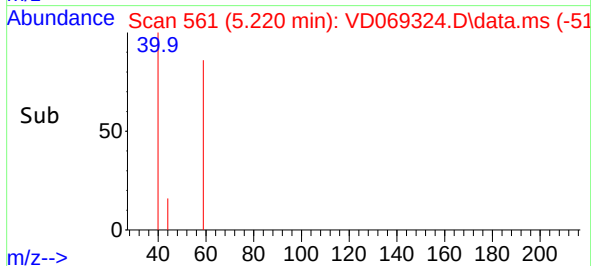
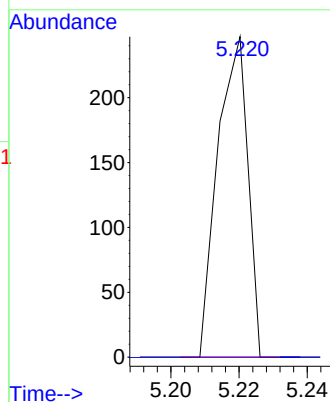
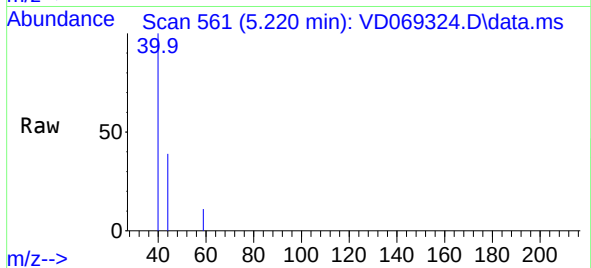




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

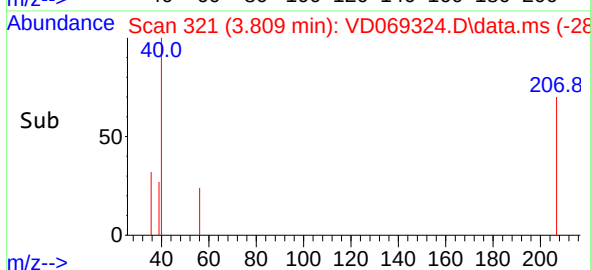
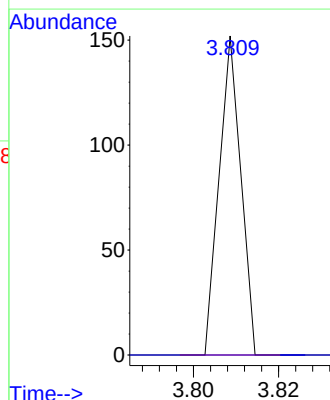
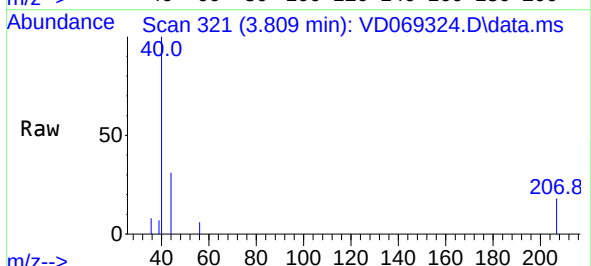
Instrument :
MSVOA_D
ClientSampleId :
ETGI-363RE

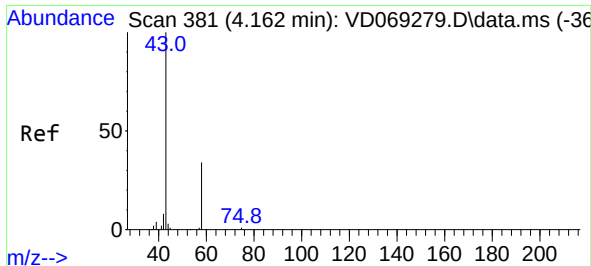
Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 19.804 ug/l
RT: 3.809 min Scan# 321
Delta R.T. -0.111 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.8#

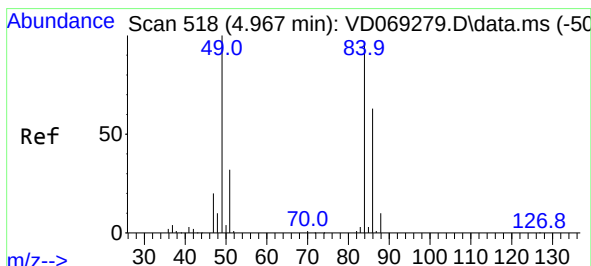
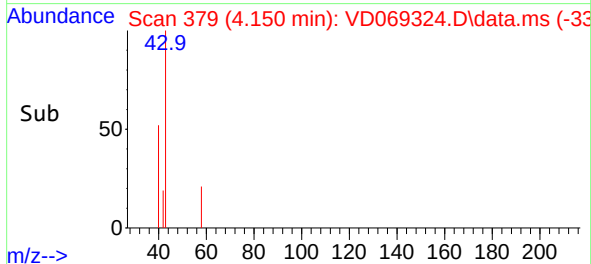
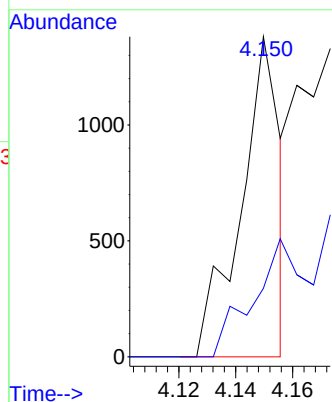
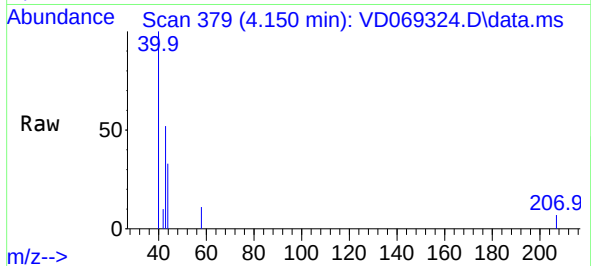




#16
Acetone
Concen: 27.149 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

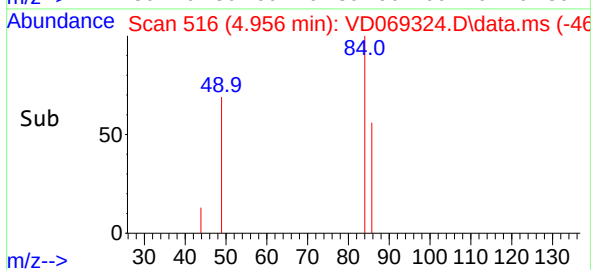
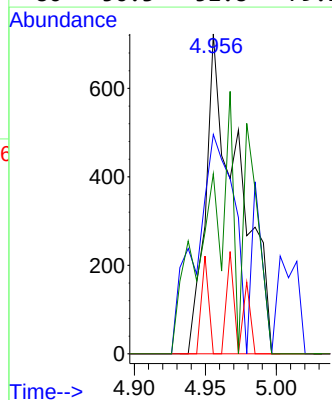
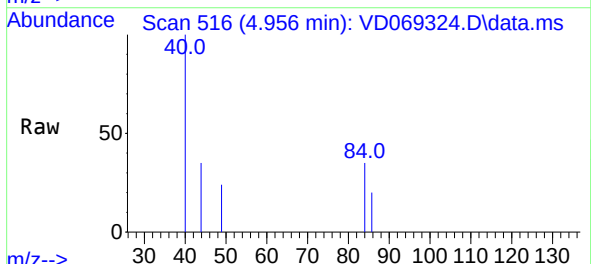
Instrument :
MSVOA_D
ClientSampleId :
ETGI-363RE

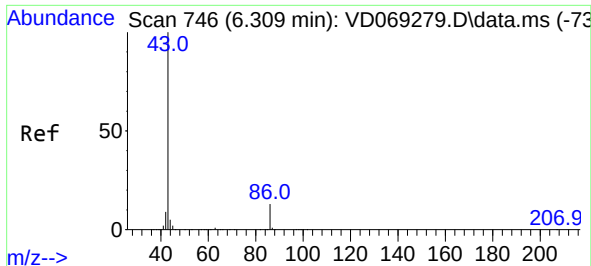
Tgt Ion: 43 Resp: 1342
Ion Ratio Lower Upper
43 100
58 21.4 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 84 Resp: 1174
Ion Ratio Lower Upper
84 100
49 41.6 83.7 125.5#
51 0.0 26.4 39.6#
86 56.3 52.8 79.2

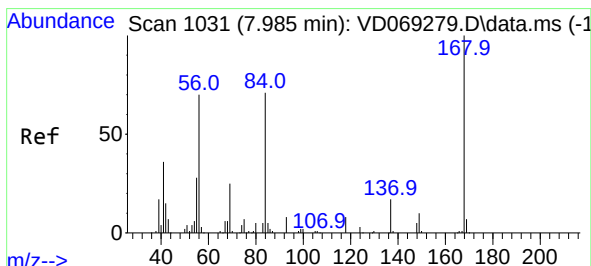
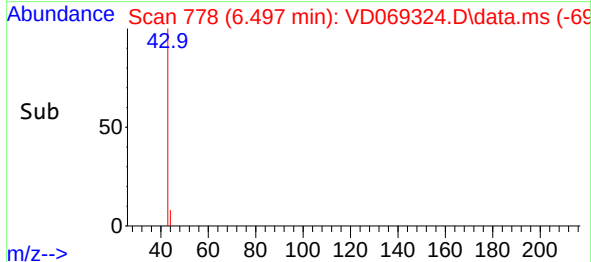
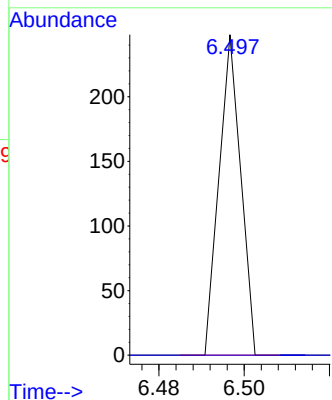
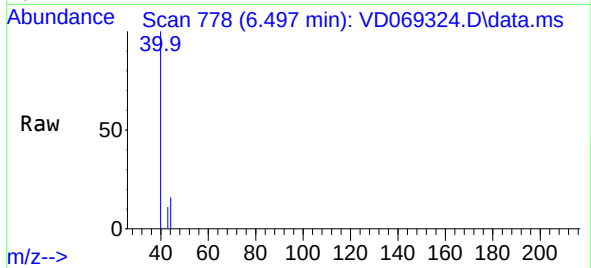




#23
 Vinyl Acetate
 Concen: 11.801 ug/l
 RT: 6.497 min Scan# 778
 Delta R.T. 0.188 min
 Lab File: VD069324.D
 Acq: 03 Jun 2021 14:49

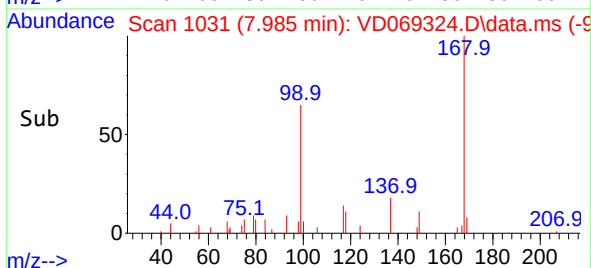
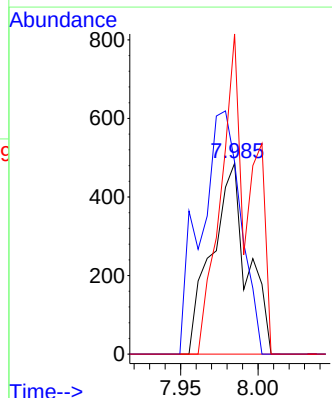
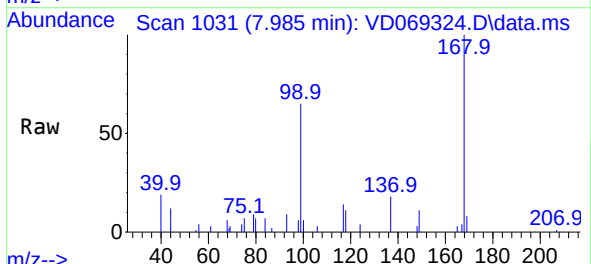
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-363RE

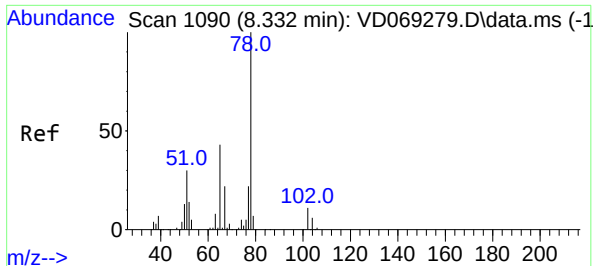
Tgt Ion: 43 Resp: 87
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.717 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD069324.D
 Acq: 03 Jun 2021 14:49

Tgt Ion: 56 Resp: 773
 Ion Ratio Lower Upper
 56 100
 69 100.6 29.0 43.4#
 84 167.7 81.1 121.7#



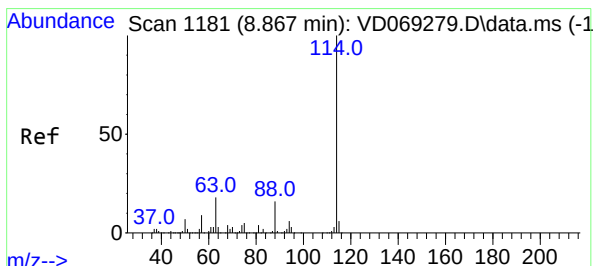
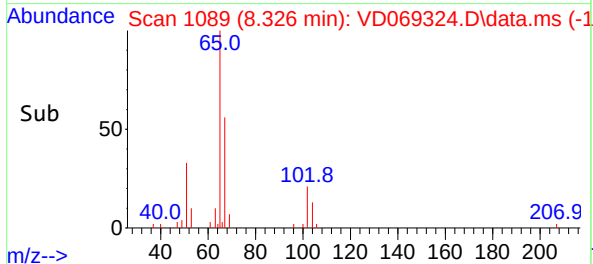
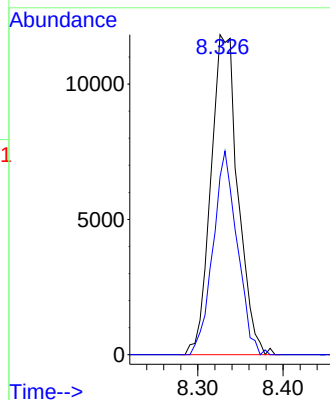
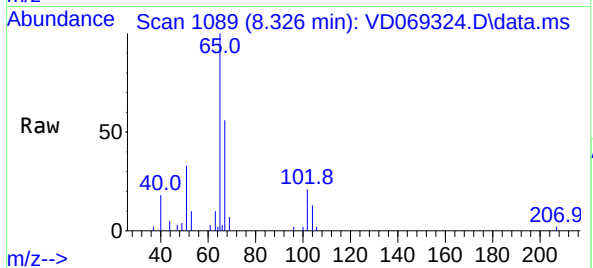


#33

1,2-Dichloroethane-d4
Concen: 92.286 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
ETGI-363RE

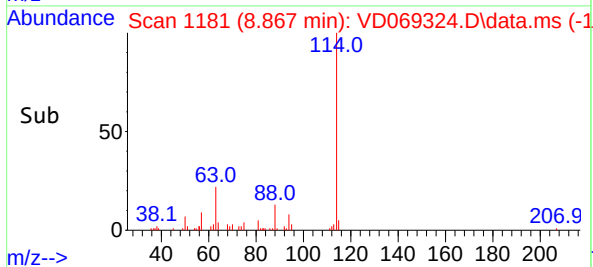
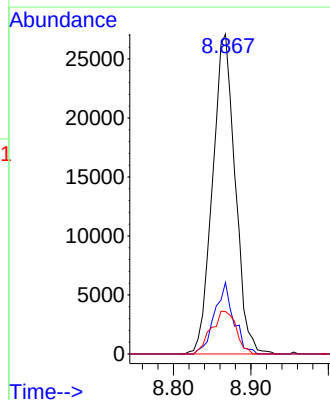
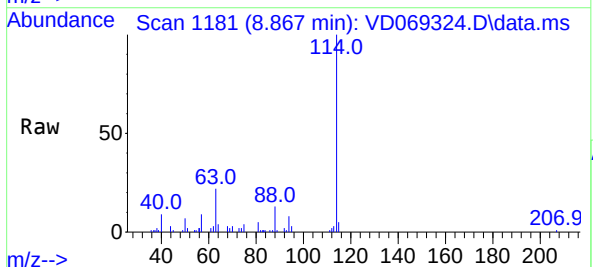
Tgt Ion: 65 Resp: 26141
Ion Ratio Lower Upper
65 100
67 56.8 0.0 105.8

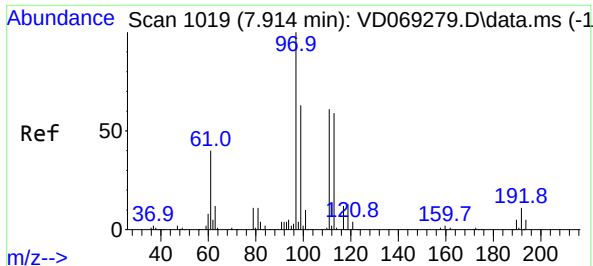


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 114 Resp: 54905
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.6
88 13.3 0.0 31.2



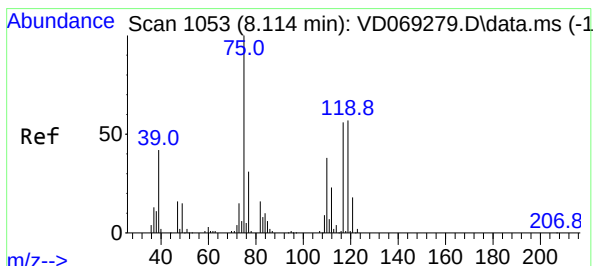
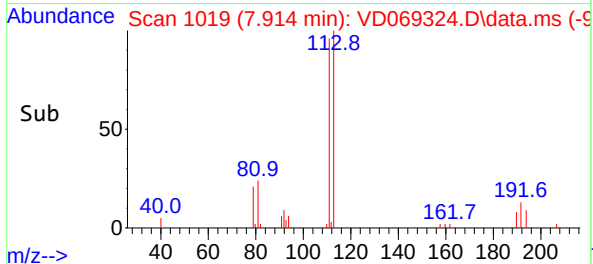
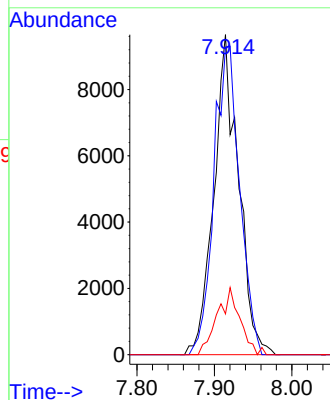
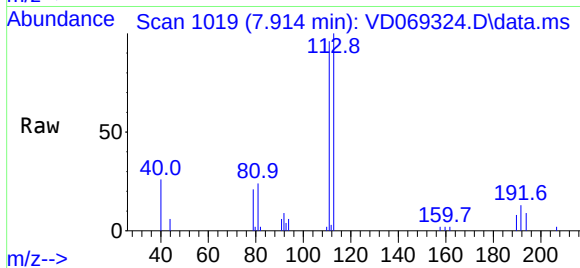


#35

Dibromofluoromethane
Concen: 61.855 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
ETGI-363RE

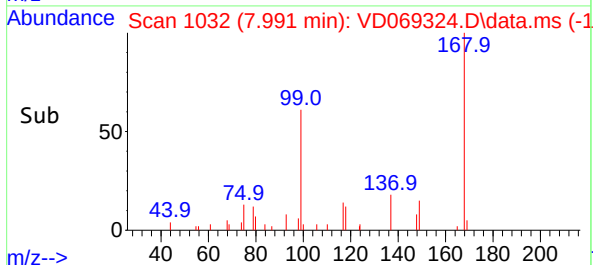
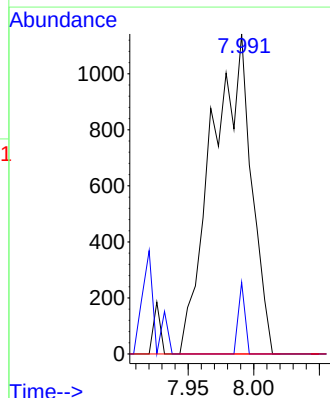
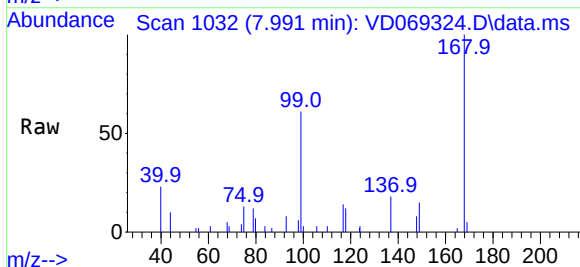
Tgt Ion:	113	Resp:	21327
Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.0	124.6
192	19.4	15.1	22.7

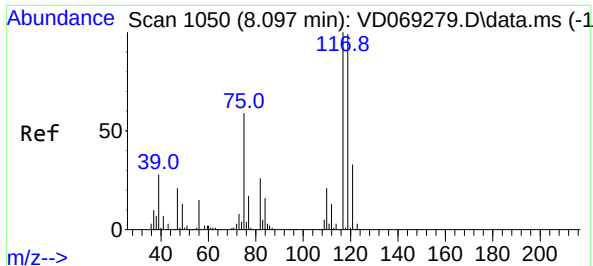


#36

1,1-Dichloropropene
Concen: 4.484 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.124 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

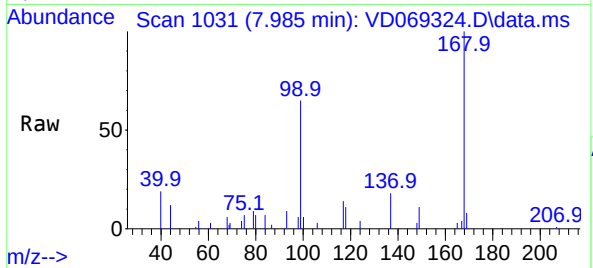
Tgt Ion:	75	Resp:	2393
Ion	Ratio	Lower	Upper
75	100		
110	3.8	18.4	55.2#
77	0.0	24.9	37.3#



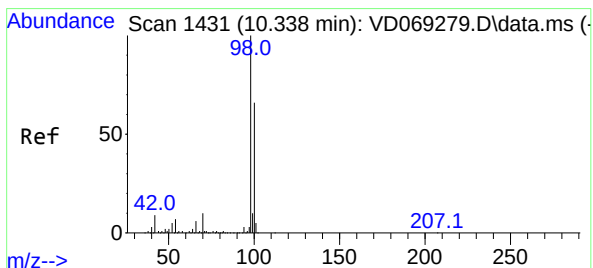
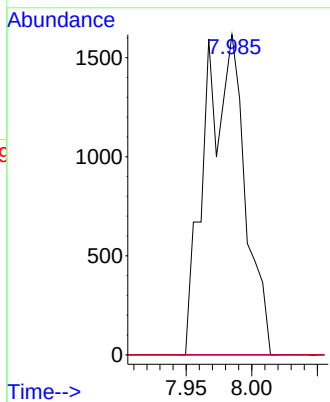
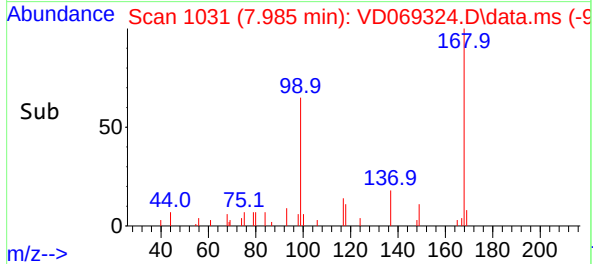


#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

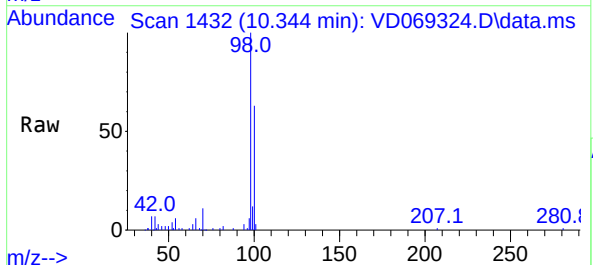
Instrument :
MSVOA_D
ClientSampleId :
ETGI-363RE



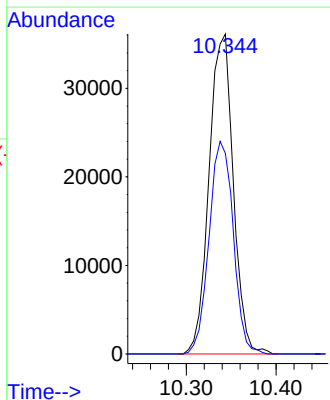
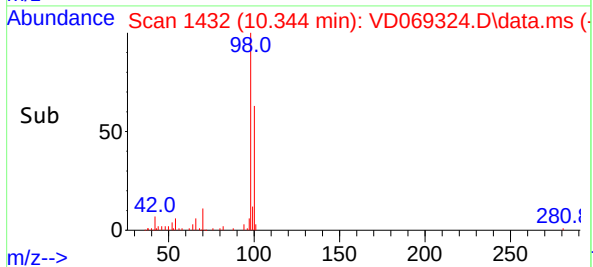
Tgt Ion:117 Resp: 3370
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#

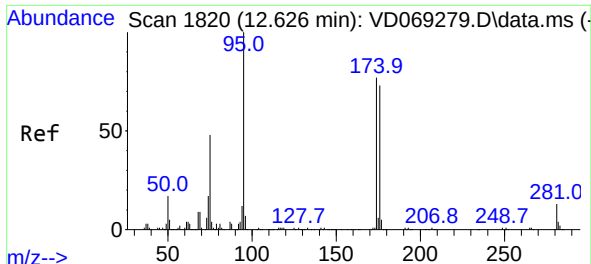


#50
Toluene-d8
Concen: 54.028 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49



Tgt Ion: 98 Resp: 67740
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1



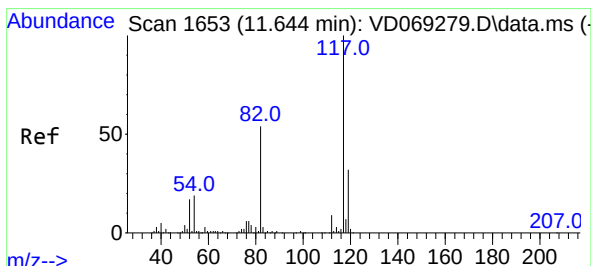
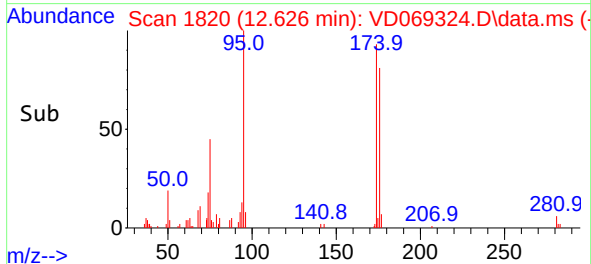
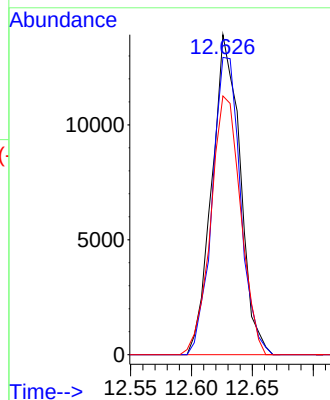
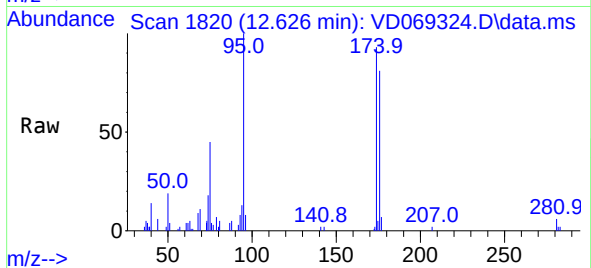


#62
4-Bromofluorobenzene
Concen: 54.665 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
ETGI-363RE

Tgt Ion: 95 Resp: 22458

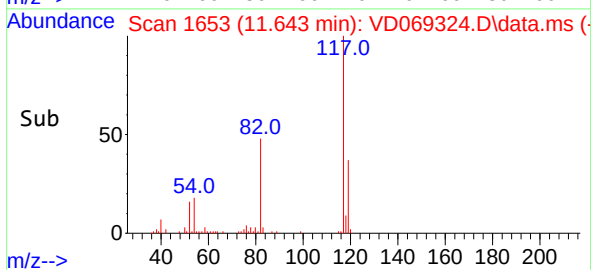
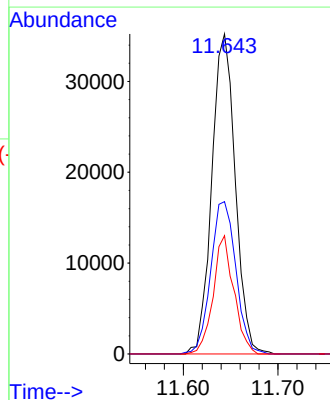
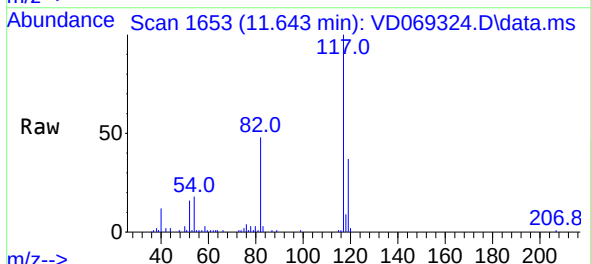
Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	162.8
176	85.4	0.0	154.4

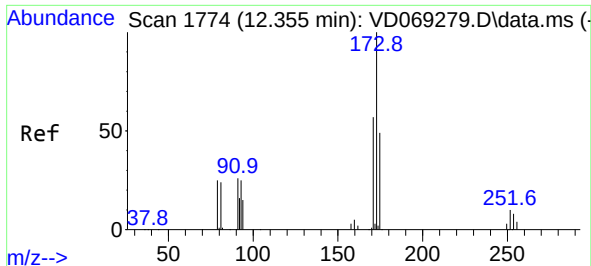


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 117 Resp: 60517

Ion	Ratio	Lower	Upper
117	100		
82	47.6	43.3	64.9
119	37.0	25.3	37.9

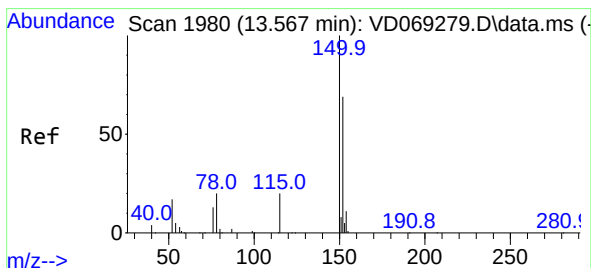
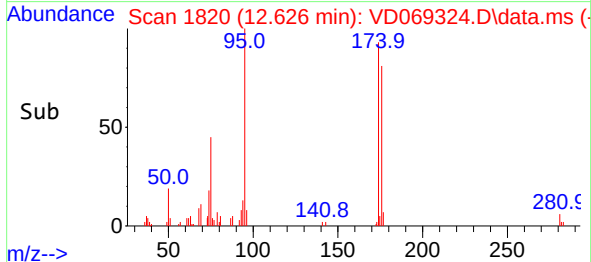
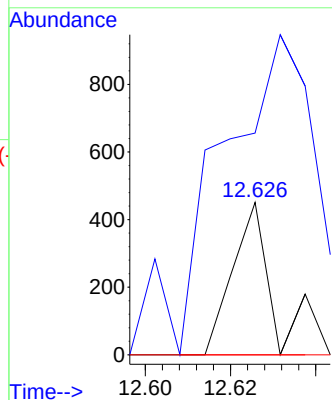
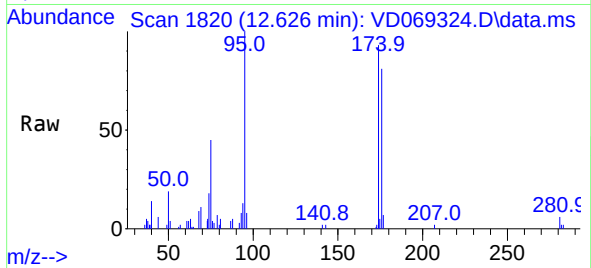




#71
Bromoform
Concen: 1.003 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

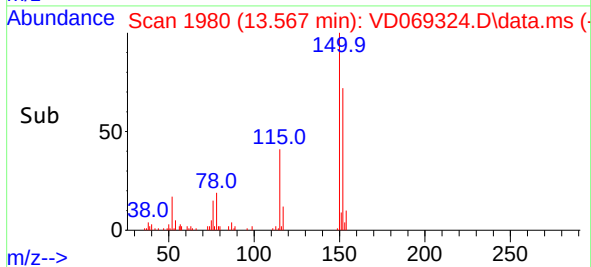
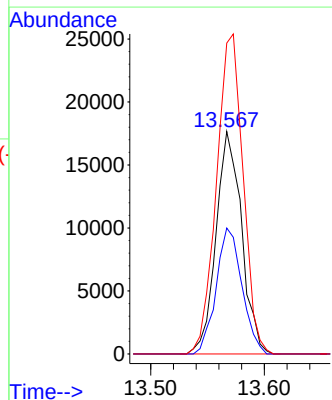
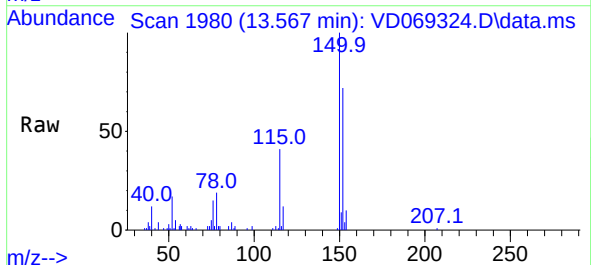
Instrument :
MSVOA_D
ClientSampled :
ETGI-363RE

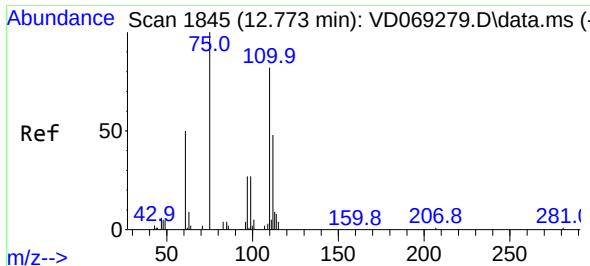
Tgt Ion:173 Resp: 241
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Tgt Ion:152 Resp: 27656
Ion Ratio Lower Upper
152 100
115 57.1 29.4 88.3
150 149.6 0.0 355.0

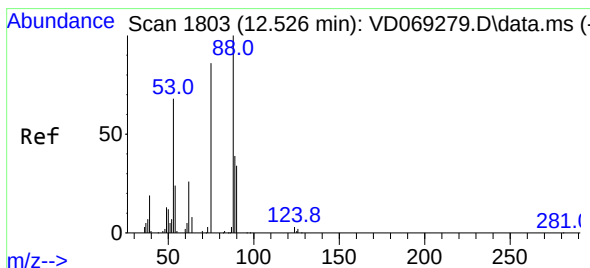
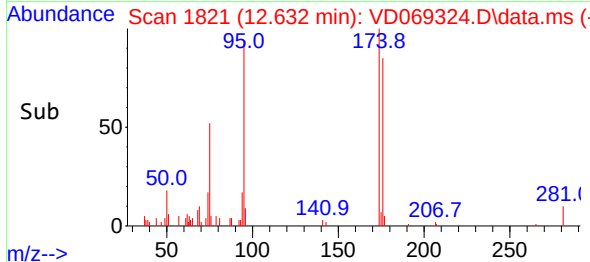
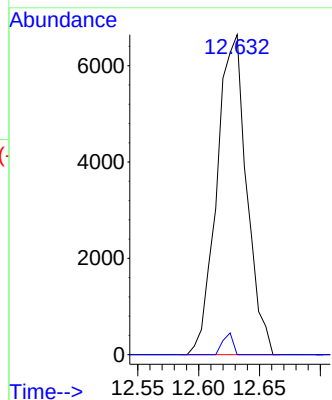
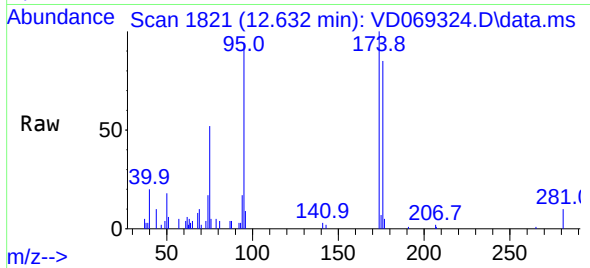




#76
1,2,3-Trichloropropane
Concen: 47.094 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

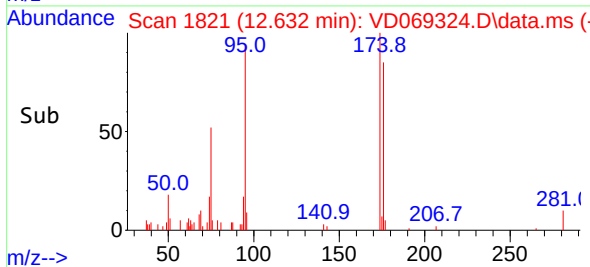
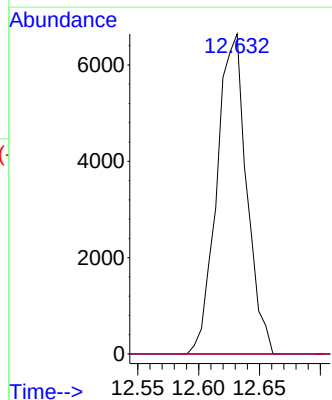
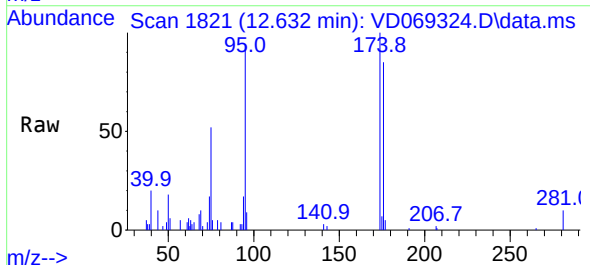
Instrument :
MSVOA_D
ClientSampleId :
ETGI-363RE

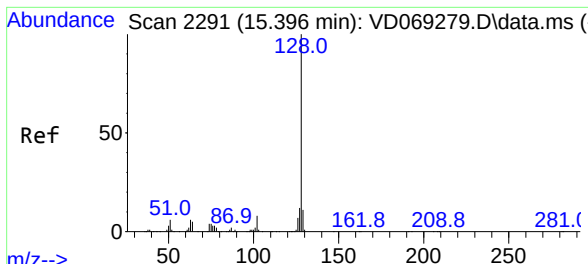
Tgt Ion: 75 Resp: 11316
Ion Ratio Lower Upper
75 100
77 2.3 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.361 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069324.D
Acq: 03 Jun 2021 14:49

Tgt Ion: 75 Resp: 11316
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#





#95
 Naphthalene
 Concen: 3.937 ug/l
 RT: 15.396 min Scan# 2291
 Delta R.T. 0.000 min
 Lab File: VD069324.D
 Acq: 03 Jun 2021 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-363RE

Tgt Ion:	128	Resp:	642
Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.4	15.6#
129	0.0	8.8	13.2#

