

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066719.D
 Acq On : 16 Sep 2020 15:04
 Operator : VA/SY
 Sample : L4020-01
 Misc : 4.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-362

Quant Time: Sep 17 01:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

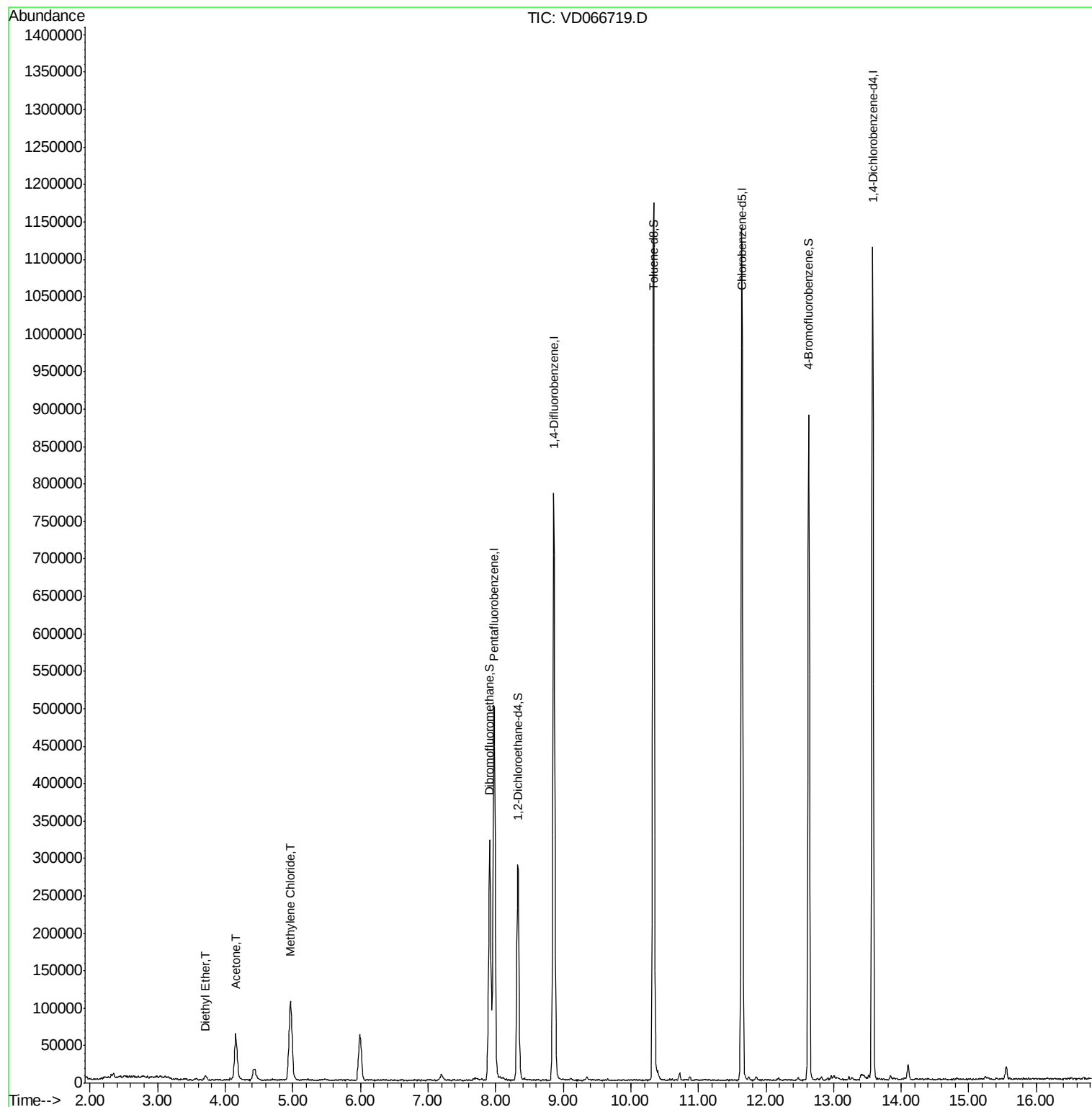
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	349852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	646536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	611405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	229003	61.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.70%	
35) Dibromofluoromethane	7.91	113	225737	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	
50) Toluene-d8	10.34	98	789835	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
62) 4-Bromofluorobenzene	12.63	95	267291	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
Target Compounds						
8) Diethyl Ether	3.71	74	3144	1.824	ug/l	92
16) Acetone	4.16	43	112802	148.399	ug/l	90
20) Methylene Chloride	4.96	84	79488	14.179	ug/l	93

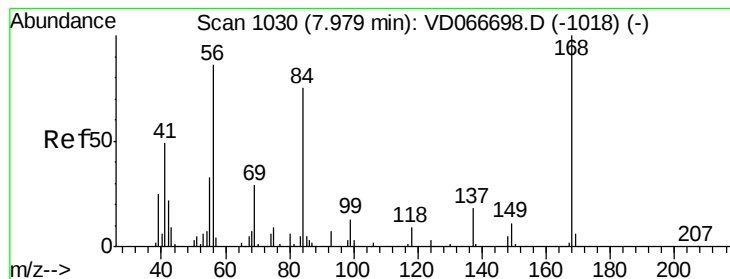
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066719.D

Acq: 16 Sep 2020 15:04

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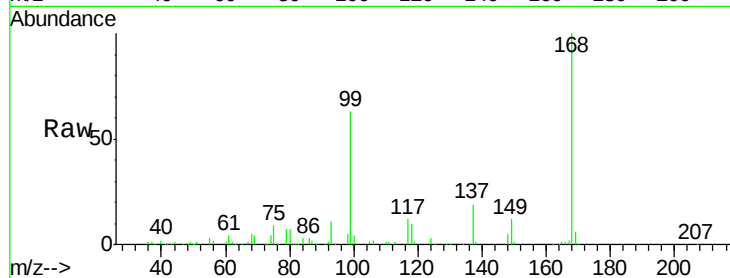
ETGI-362

Tot Ion:168 Resp: 349852

Ion Ratio Lower Upper

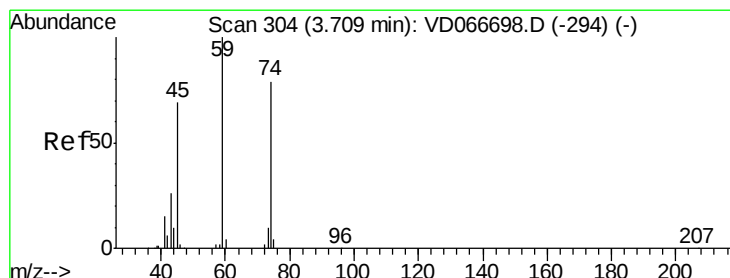
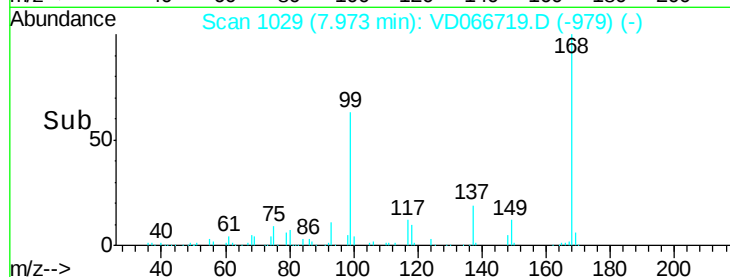
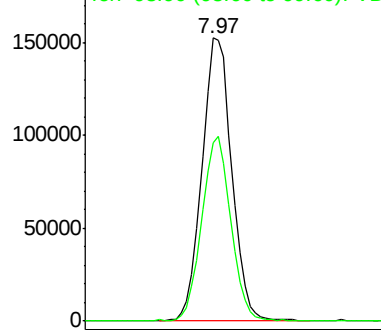
168 100

99 62.7 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 1.824 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD066719.D

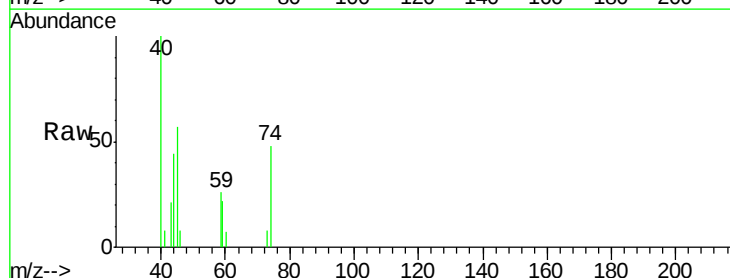
Acq: 16 Sep 2020 15:04

Tgt Ion: 74 Resp: 3144

Ion Ratio Lower Upper

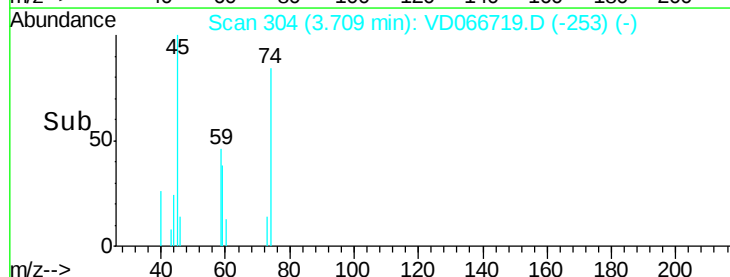
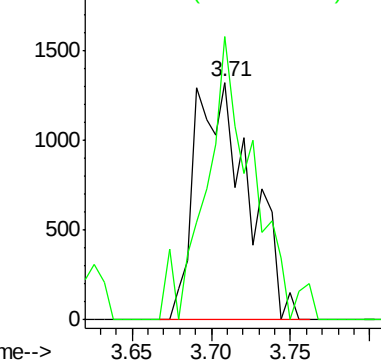
74 100

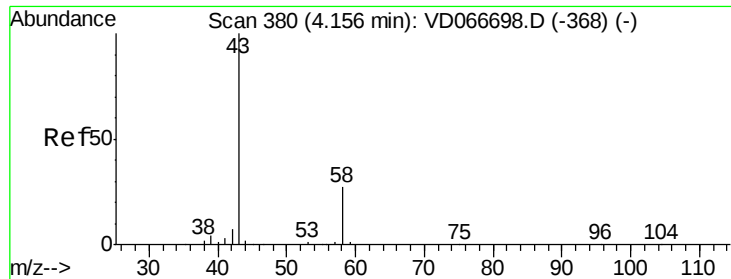
45 103.5 48.0 144.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#16

Acetone

Concen: 148.399 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066719.D

Acq: 16 Sep 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

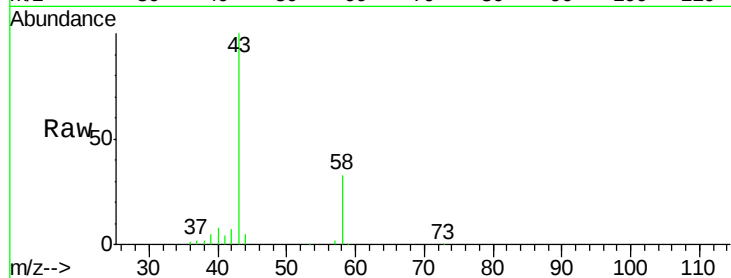
ETGI-362

Tot Ion: 43 Resp: 112802

Ion Ratio Lower Upper

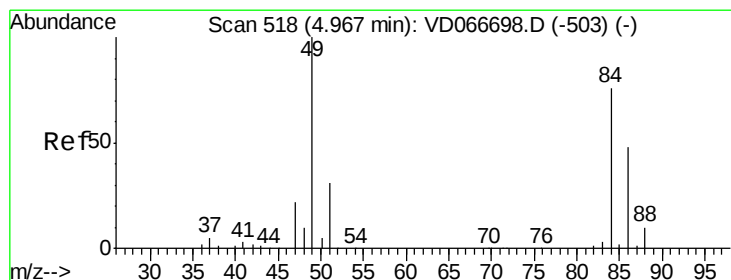
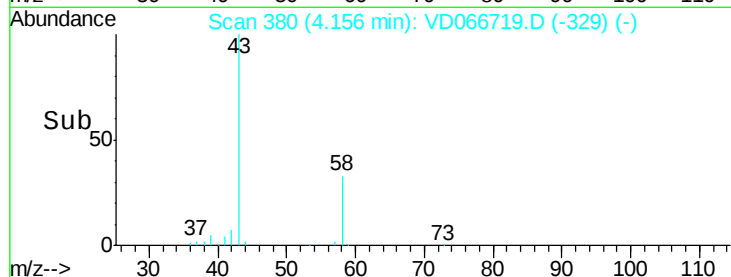
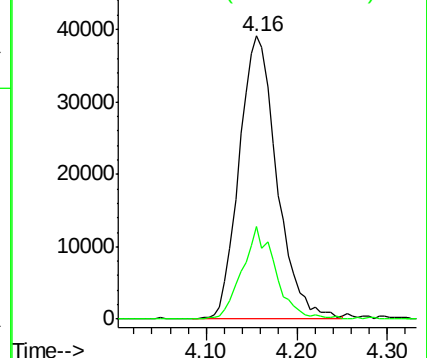
43 100

58 32.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 14.179 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066719.D

Acq: 16 Sep 2020 15:04

Tgt Ion: 84 Resp: 79488

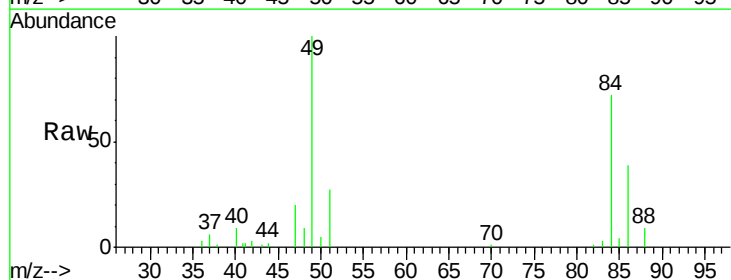
Ion Ratio Lower Upper

84 100

49 138.7 105.0 157.6

51 38.0 32.2 48.4

86 54.6 50.4 75.6

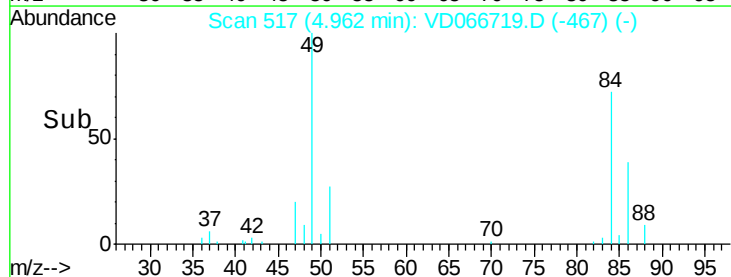
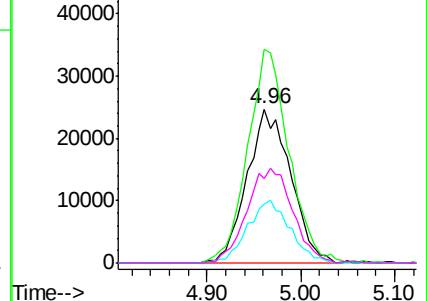


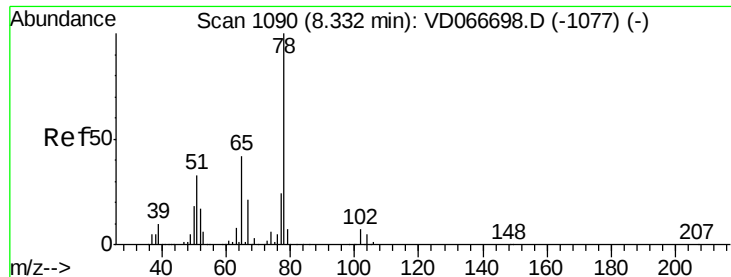
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

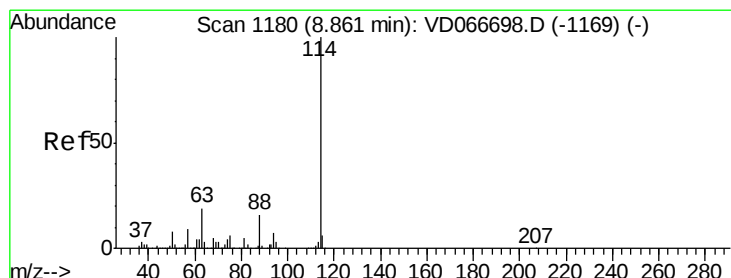
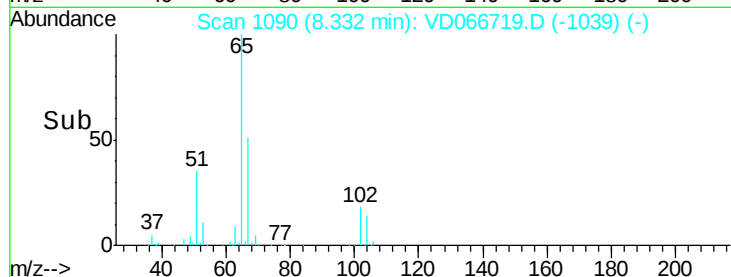
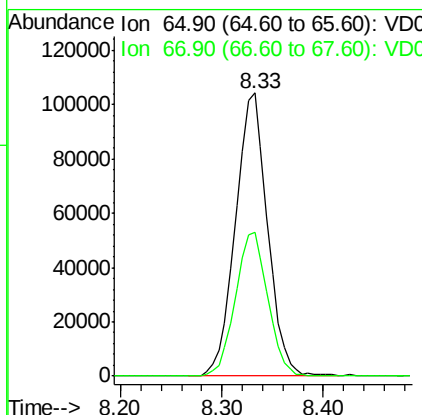
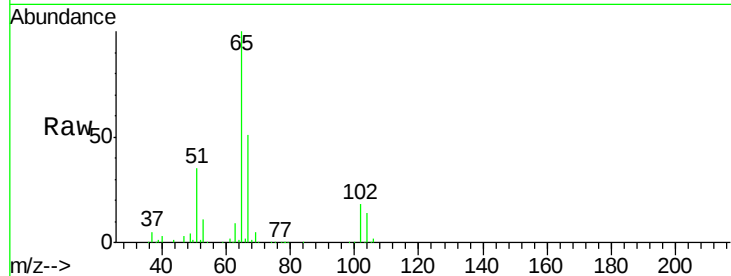




#33
 1,2-Dichloroethane-d4
 Concen: 61.350 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066719.D
 Acq: 16 Sep 2020 15:04

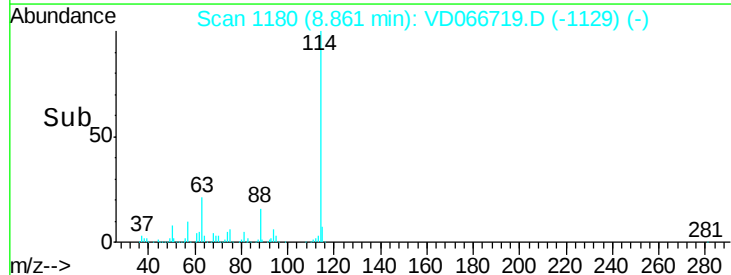
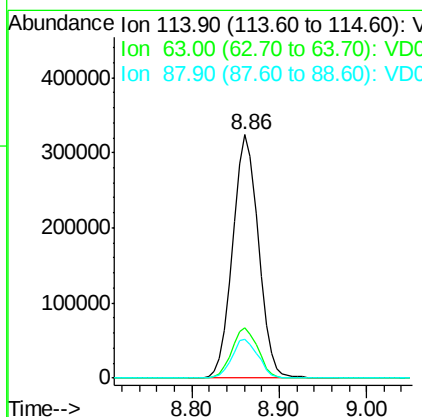
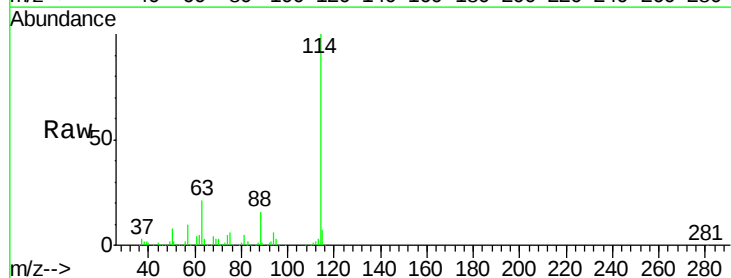
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-362

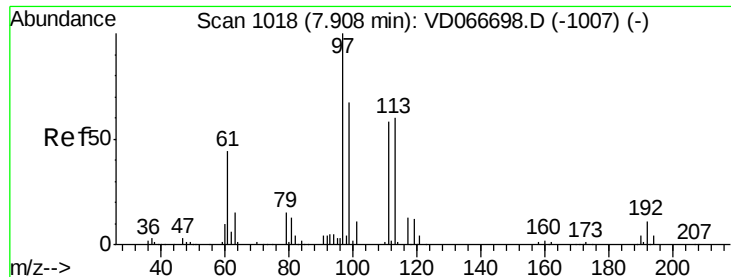
Tot Ion: 65 Resp: 229003
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066719.D
 Acq: 16 Sep 2020 15:04

Tgt Ion: 114 Resp: 646536
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.6
 88 15.9 0.0 32.2

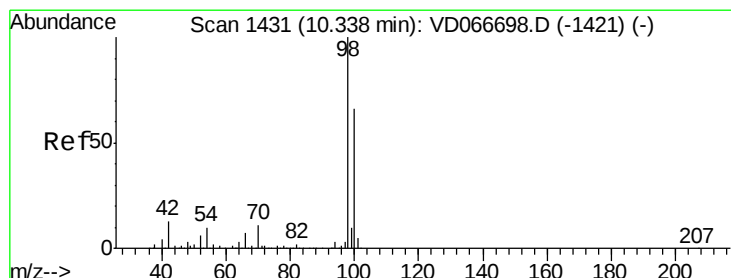
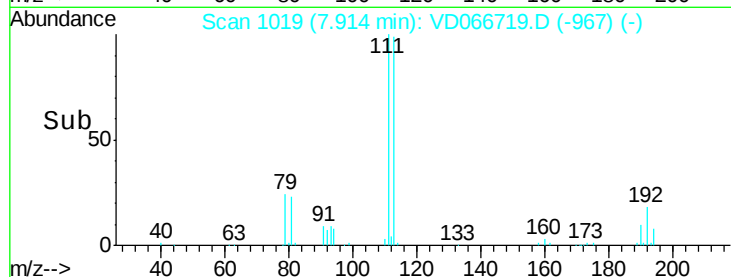
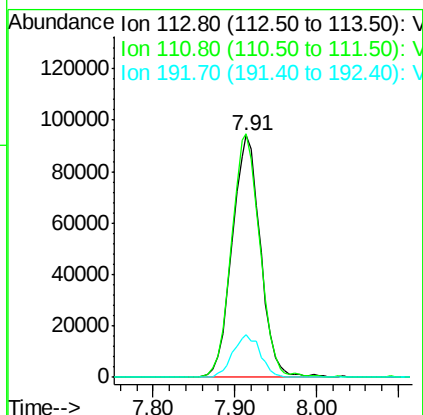
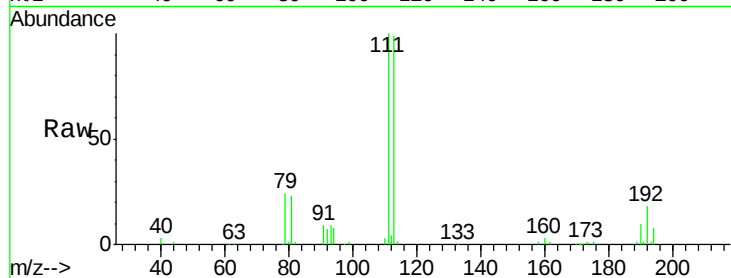




#35
 Dibromofluoromethane
 Concen: 56.948 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066719.D
 Acq: 16 Sep 2020 15:04

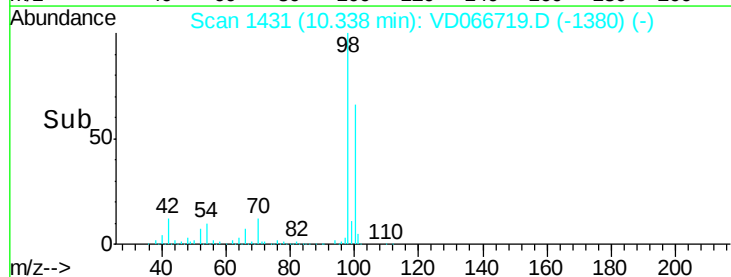
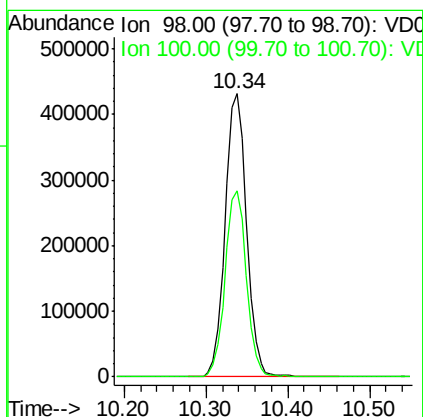
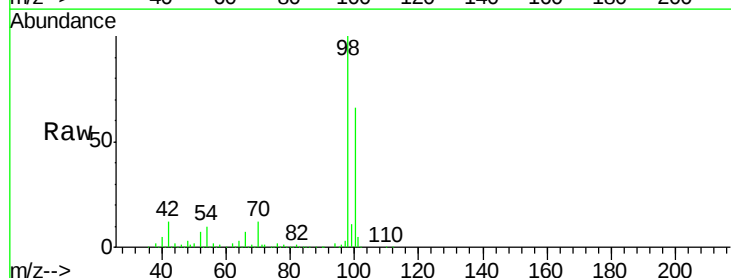
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-362

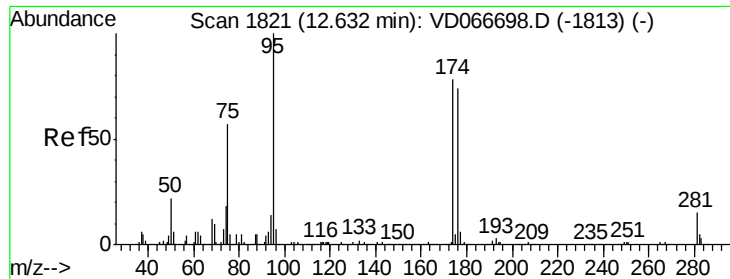
Tot Ion:113 Resp: 225737
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.2 124.8
 192 17.2 14.8 22.2



#50
 Toluene-d8
 Concen: 55.928 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066719.D
 Acq: 16 Sep 2020 15:04

Tgt Ion: 98 Resp: 789835
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.7 79.1

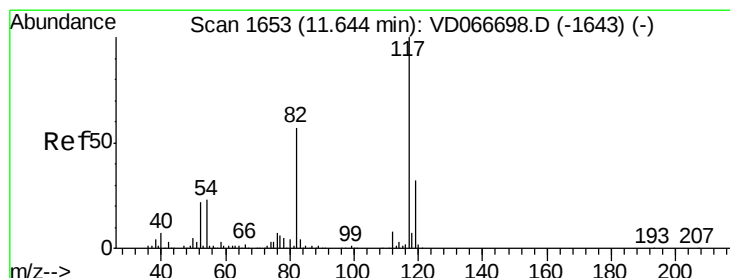
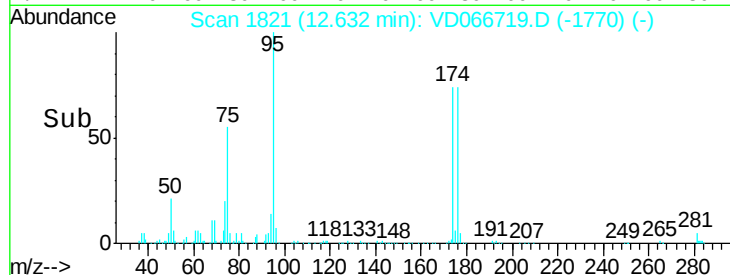
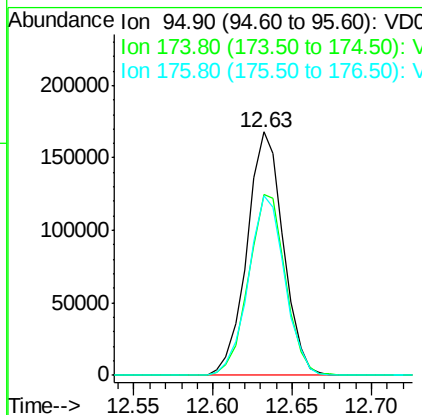
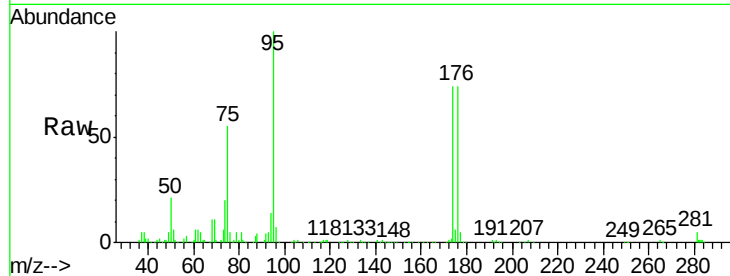




#62
4-Bromofluorobenzene
Concen: 54.831 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066719.D
Acq: 16 Sep 2020 15:04

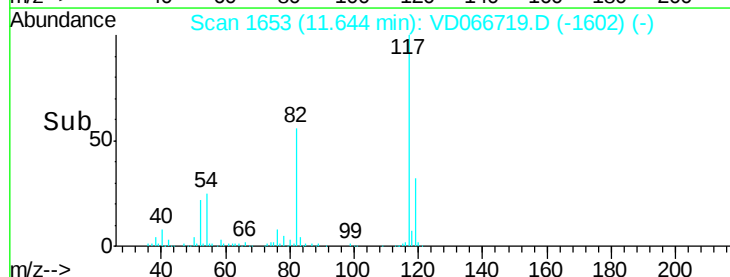
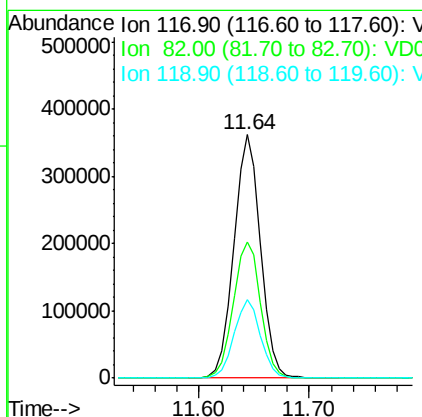
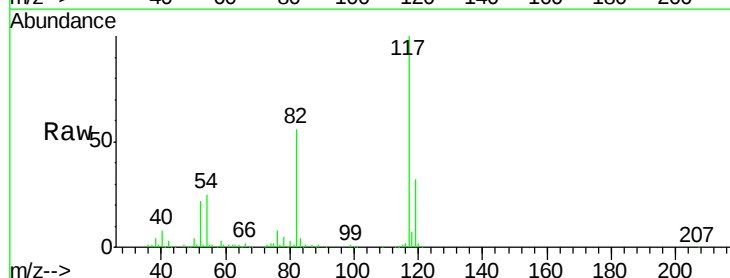
Instrument :
MSVOA_D
ClientSampleId :
ETGI-362

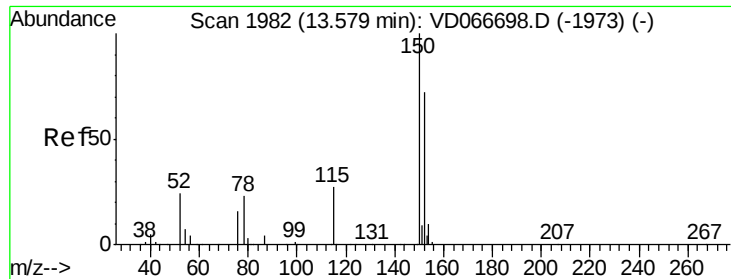
Tot Ion: 95 Resp: 267291
Ion Ratio Lower Upper
95 100
174 75.4 0.0 156.6
176 74.0 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066719.D
Acq: 16 Sep 2020 15:04

Tgt Ion: 117 Resp: 611405
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066719.D

Acq: 16 Sep 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

ETGI-362

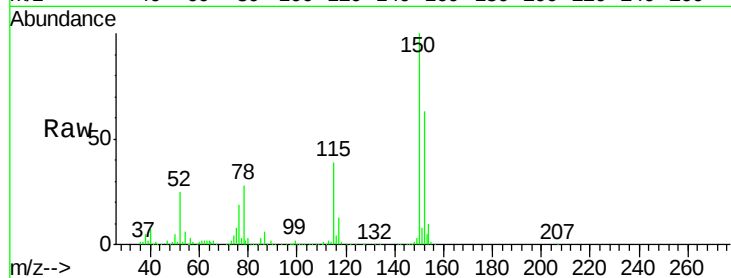
Tot Ion:152 Resp: 271012

Ion Ratio Lower Upper

152 100

115 62.8 30.5 91.5

150 158.9 0.0 344.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

