

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066720.D
 Acq On : 16 Sep 2020 15:31
 Operator : VA/SY
 Sample : L4020-03
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-370

Quant Time: Sep 17 00:51:20 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	7.98	168	378529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	709719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	659144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287004	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	245440	60.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.54%	
35) Dibromofluoromethane	7.91	113	237070	54.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.96%	
50) Toluene-d8	10.34	98	866757	55.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.82%	
62) 4-Bromofluorobenzene	12.63	95	284696	53.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.40%	

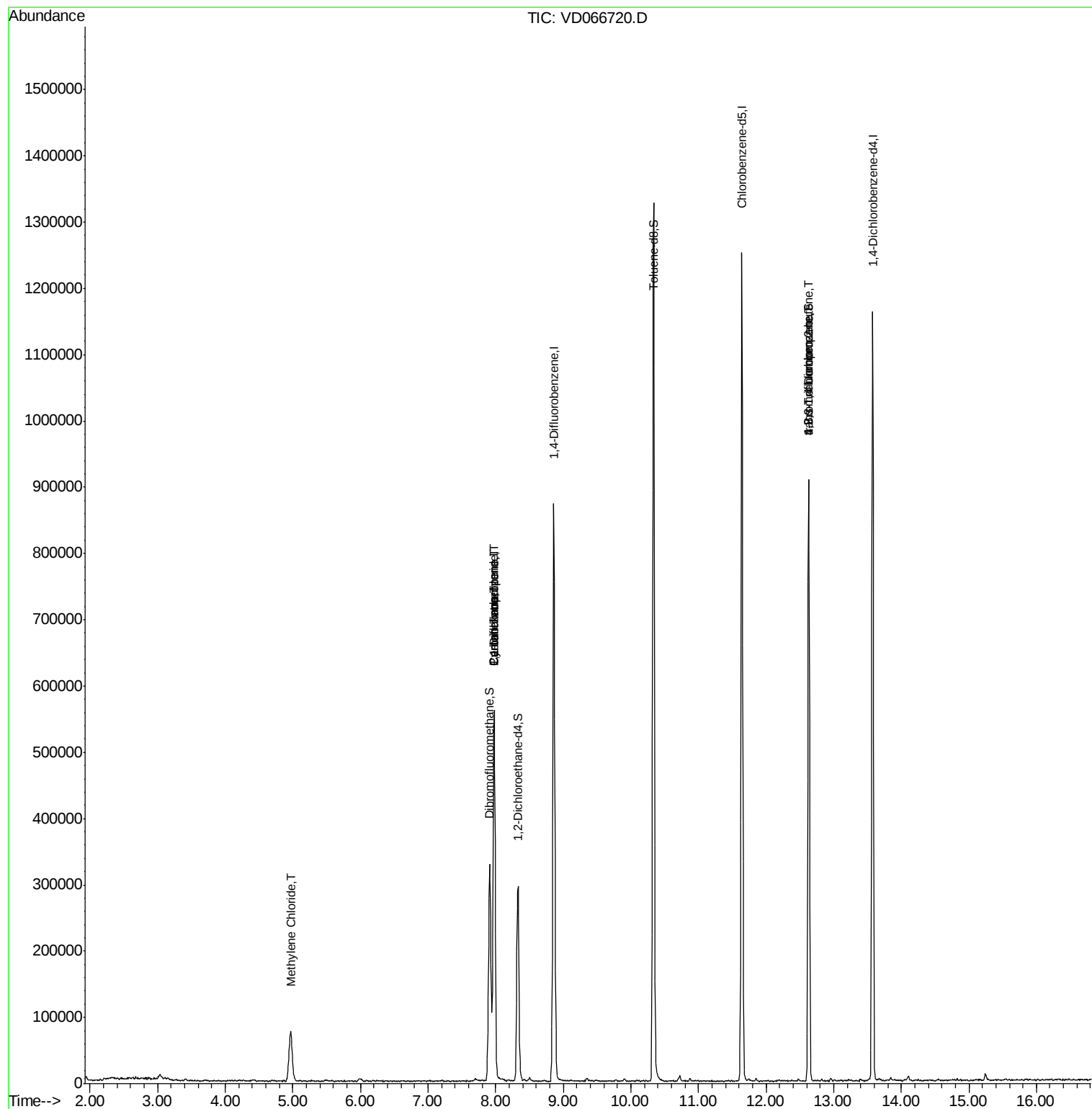
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	436	Below Cal	#	56
18) Methyl Acetate	4.64	43	74	Below Cal	#	52
20) Methylene Chloride	4.97	84	58152	6.792	ug/l	91
31) Cyclohexane	7.98	56	11462	1.607	ug/l #	31
36) 1,1-Dichloropropene	7.97	75	34542	4.734	ug/l #	52
38) Carbon Tetrachloride	7.98	117	43150	5.569	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	158386	64.473	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	158386	139.143	ug/l #	8

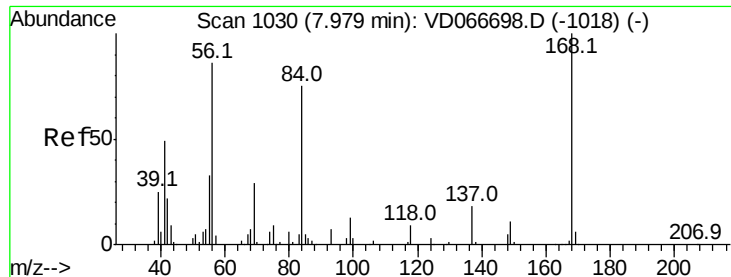
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091620\
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Quant Time: Sep 17 00:51:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066720.D

Acq: 16 Sep 2020 15:31

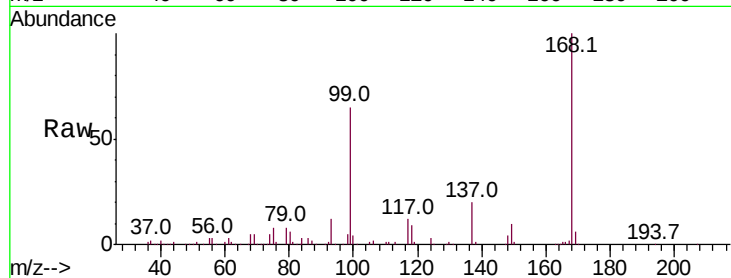
Instrument :
MSVOA_D
ClientSampleId :
ETGI-370

Tot Ion:168 Resp: 378529

Ion Ratio Lower Upper

168 100

99 64.7 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

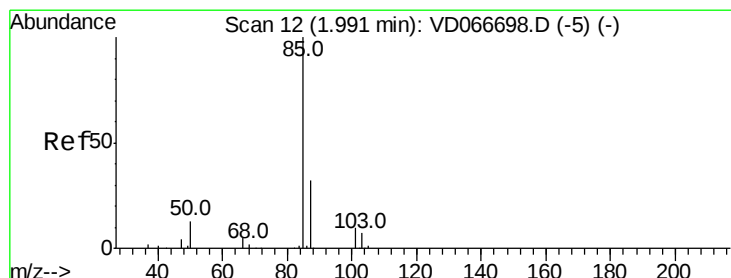
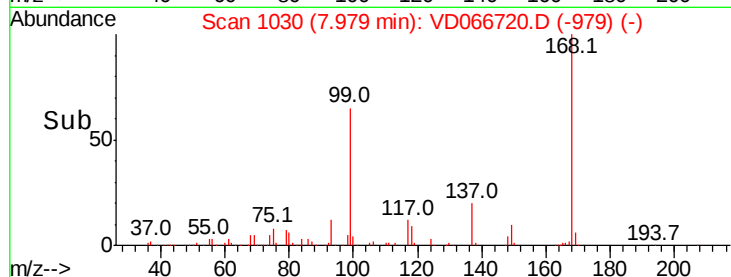
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD066720.D

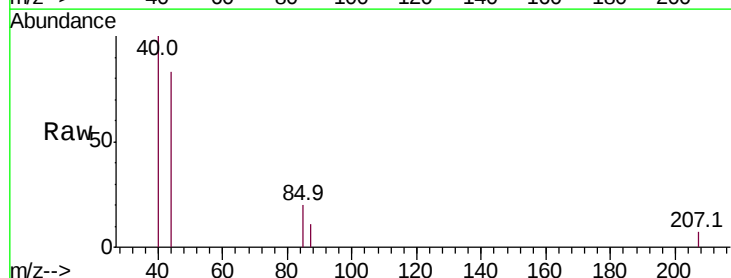
Acq: 16 Sep 2020 15:31

Tgt Ion: 85 Resp: 436

Ion Ratio Lower Upper

85 100

87 56.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

500

400

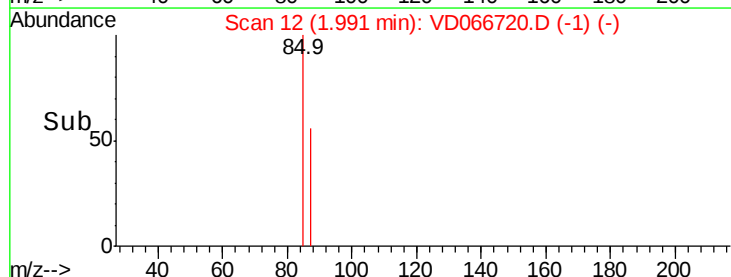
300

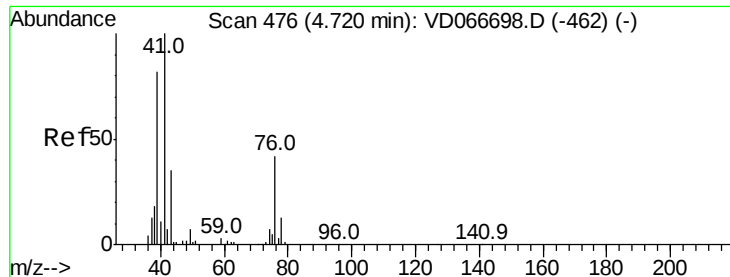
200

100

0

Time-->

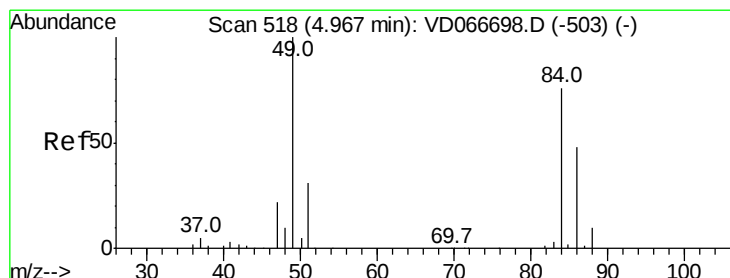
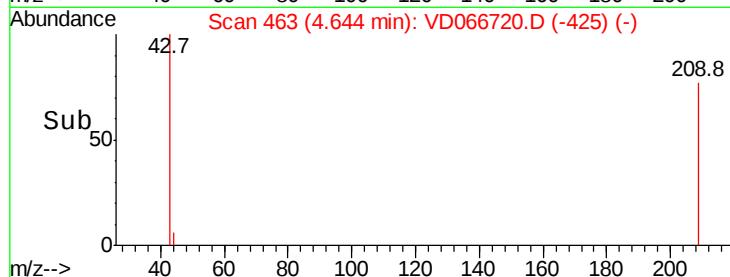
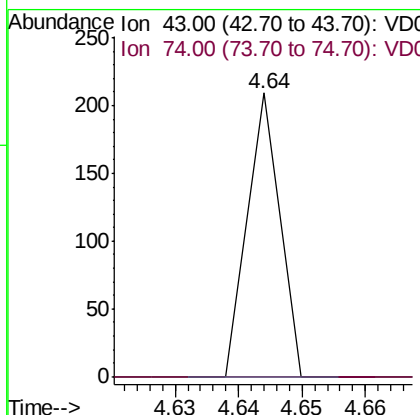
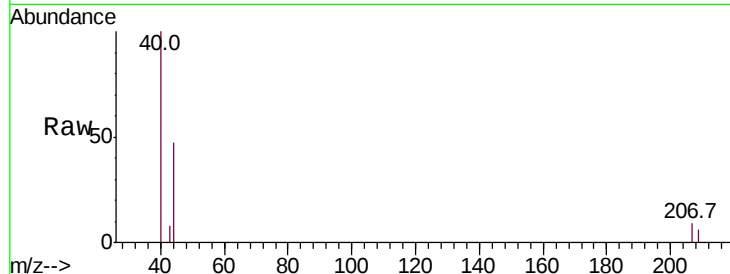




#18
Methyl Acetate
Concen: Below Cal
RT: 4.64 min Scan# 463
Delta R.T. -0.08 min
Lab File: VD066720.D
Acq: 16 Sep 2020 15:31

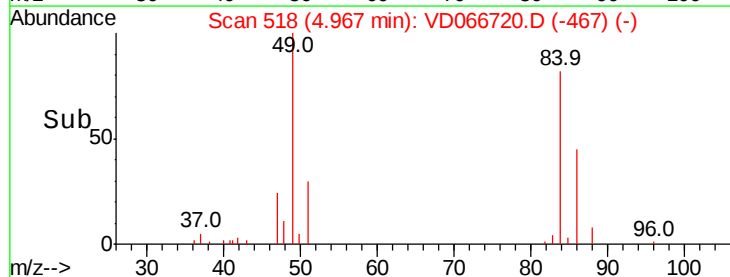
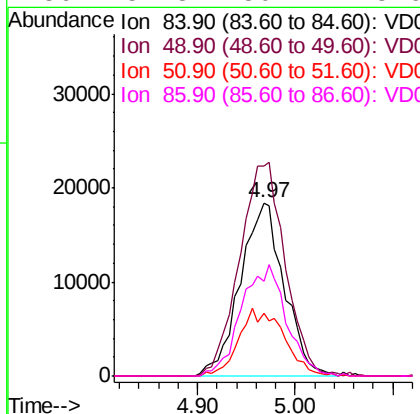
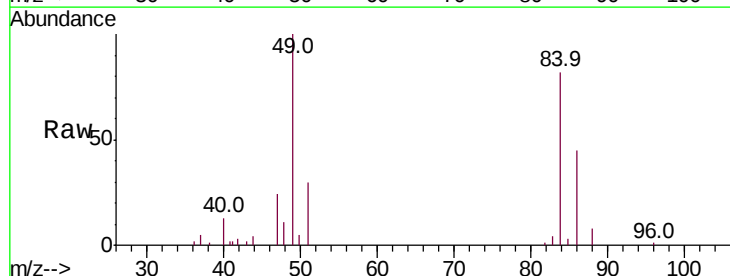
Instrument :
MSVOA_D
ClientSampled :
ETGI-370

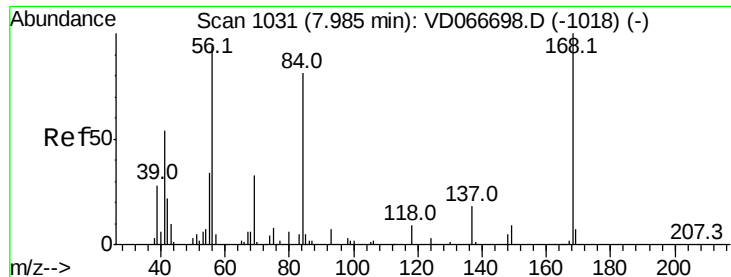
Tot Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: 6.792 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066720.D
Acq: 16 Sep 2020 15:31

Tgt Ion: 84 Resp: 58152
Ion Ratio Lower Upper
84 100
49 121.3 105.0 157.6
51 36.2 32.2 48.4
86 54.8 50.4 75.6

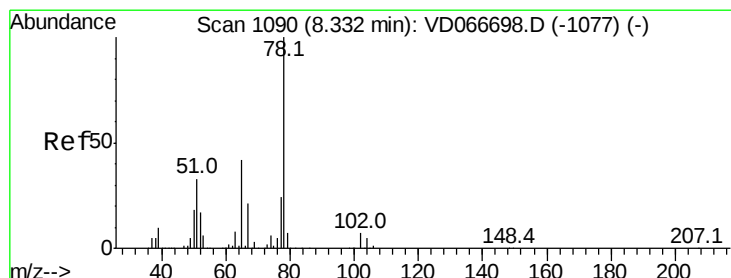
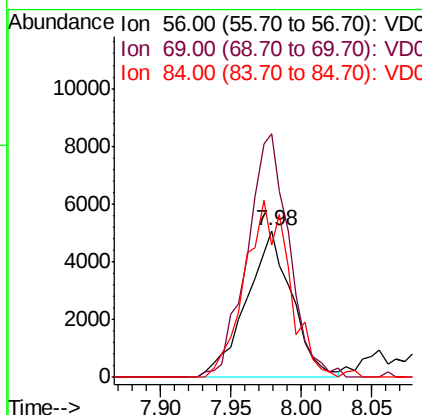
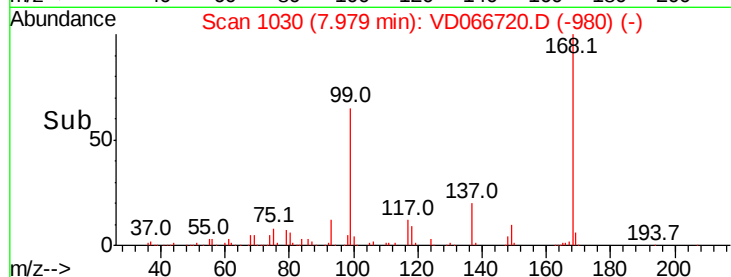
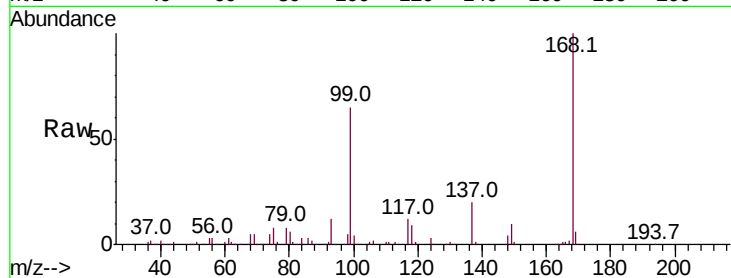




#31
Cyclohexane
Concen: 1.607 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066720.D
Acq: 16 Sep 2020 15:31

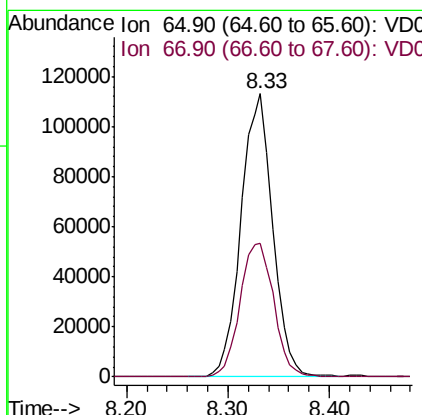
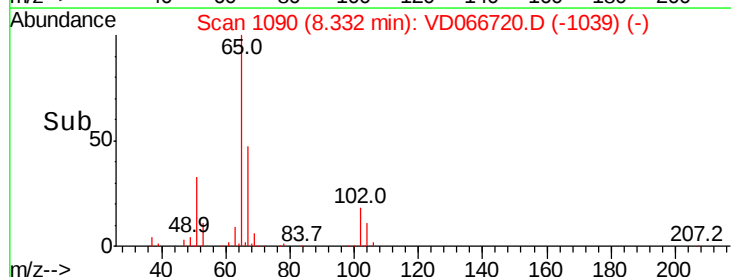
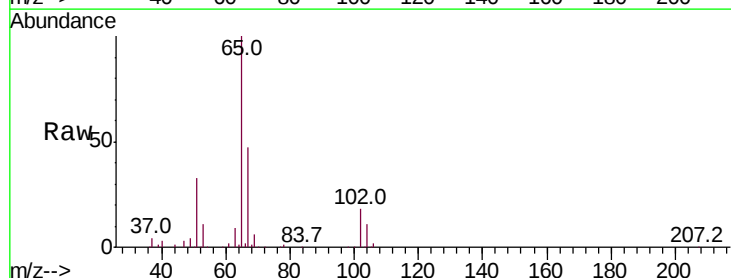
Instrument :
MSVOA_D
ClientSampleId :
ETGI-370

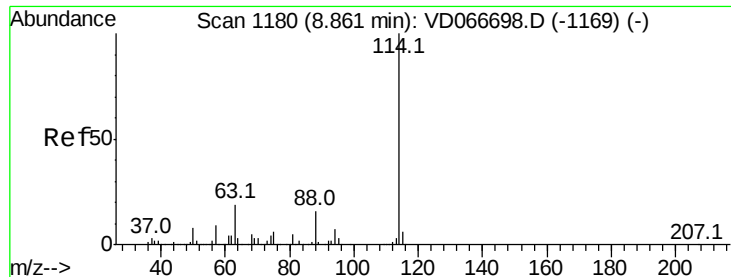
Tot Ion: 56 Resp: 11462
Ion Ratio Lower Upper
56 100
69 165.9 27.7 41.5#
84 90.4 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 60.772 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066720.D
Acq: 16 Sep 2020 15:31

Tgt Ion: 65 Resp: 245440
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2

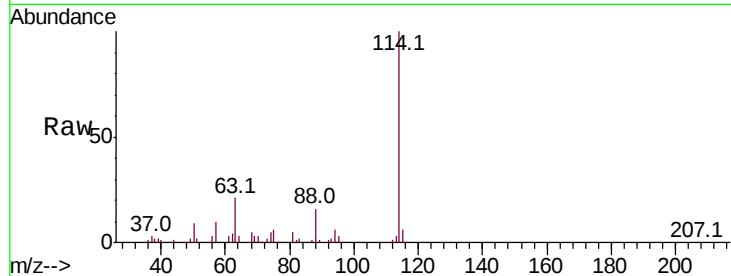




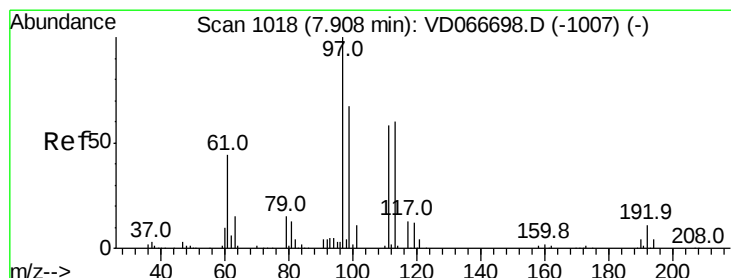
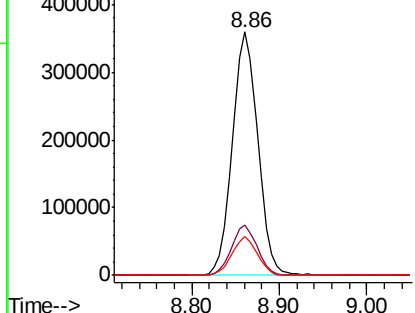
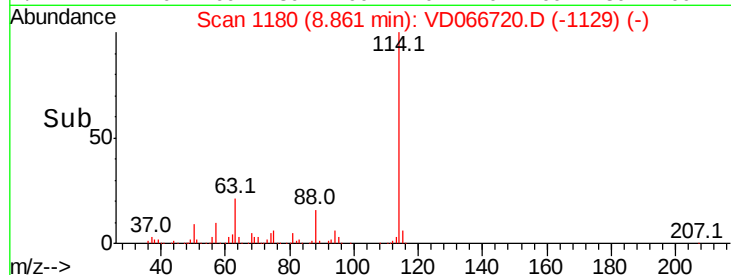
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066720.D
 Acq: 16 Sep 2020 15:31

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-370

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	37.6
88	16.1	0.0	32.2

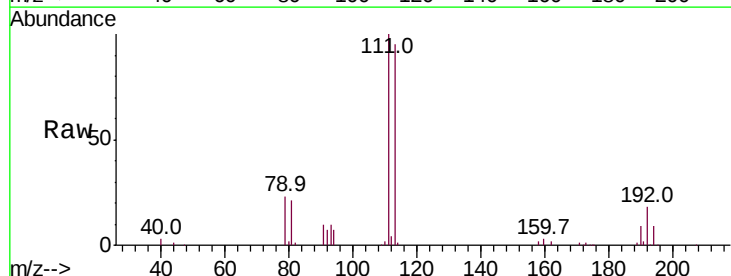


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

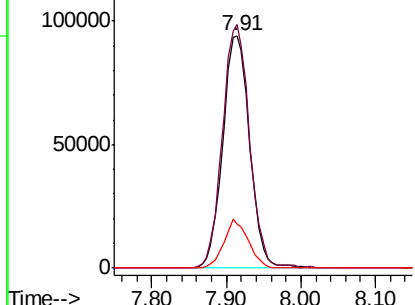
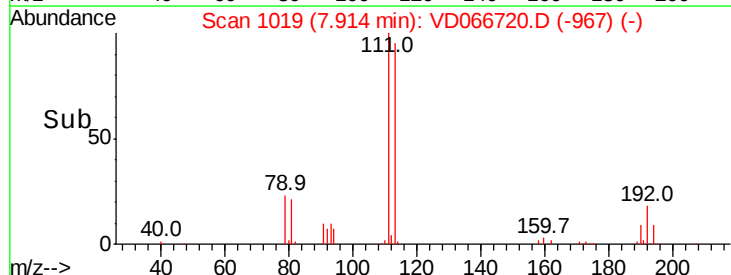


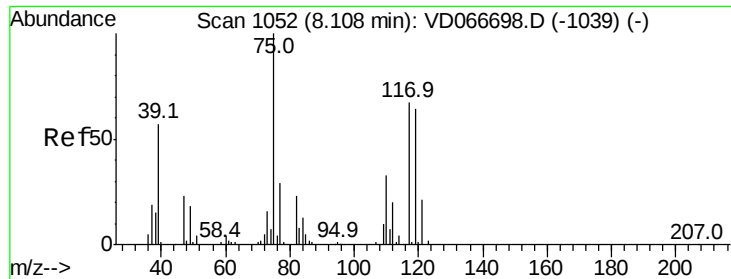
#35
 Dibromofluoromethane
 Concen: 54.483 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066720.D
 Acq: 16 Sep 2020 15:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.2	124.8
192	18.9	14.8	22.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

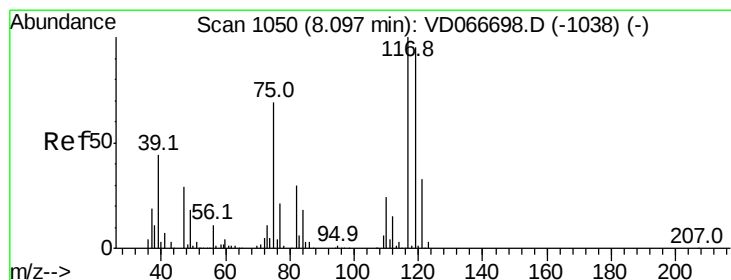
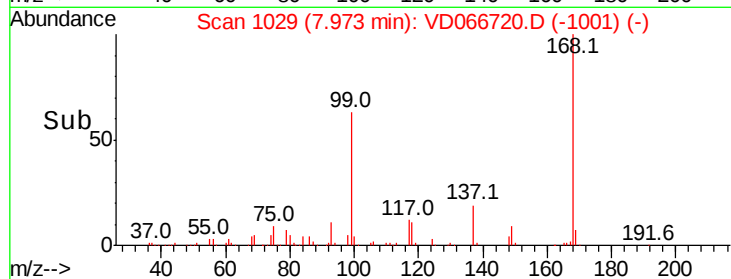
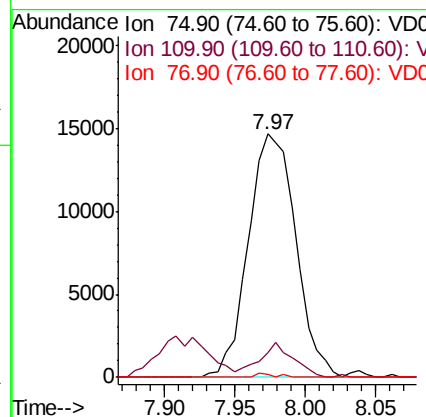
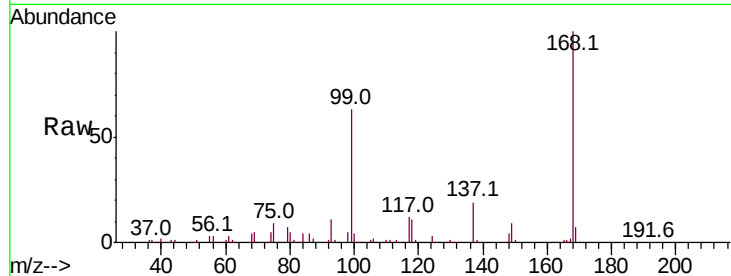




#36
 1,1-Dichloropropene
 Concen: 4.734 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066720.D
 Acq: 16 Sep 2020 15:31

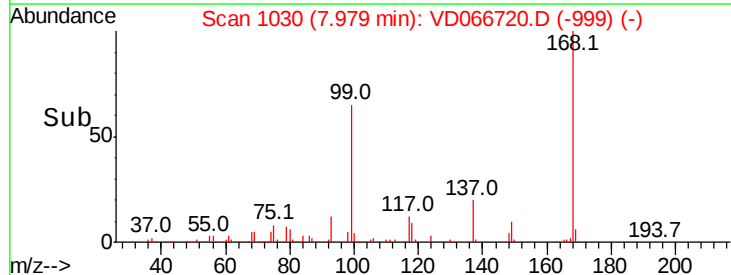
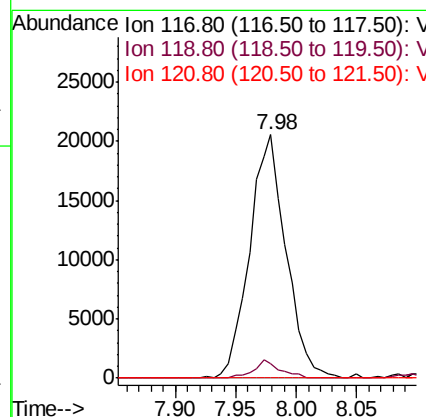
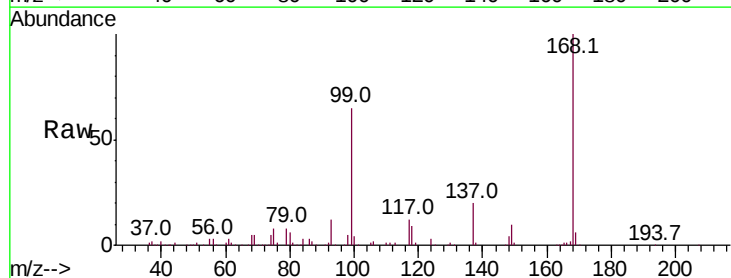
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-370

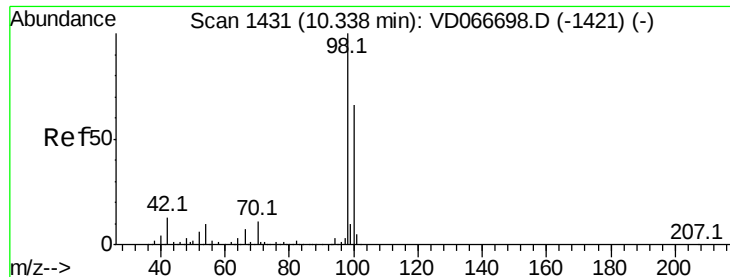
Tot Ion: 75 Resp: 34542
 Ion Ratio Lower Upper
 75 100
 110 10.5 17.1 51.2#
 77 0.6 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.569 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD066720.D
 Acq: 16 Sep 2020 15:31

Tgt Ion: 117 Resp: 43150
 Ion Ratio Lower Upper
 117 100
 119 5.9 75.8 113.6#
 121 0.0 26.2 39.4#





#50

Toluene-d8

Concen: 55.911 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066720.D

Acq: 16 Sep 2020 15:31

Instrument :

MSVOA_D

ClientSampled :

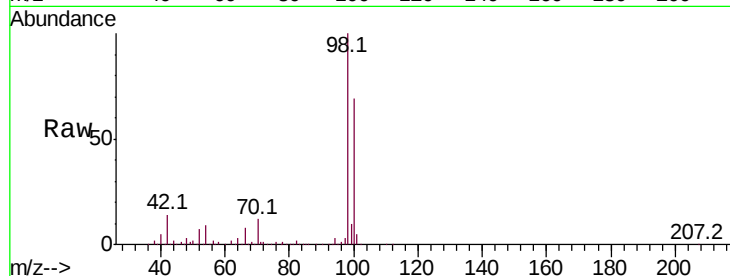
ETGI-370

Tot Ion: 98 Resp: 866757

Ion Ratio Lower Upper

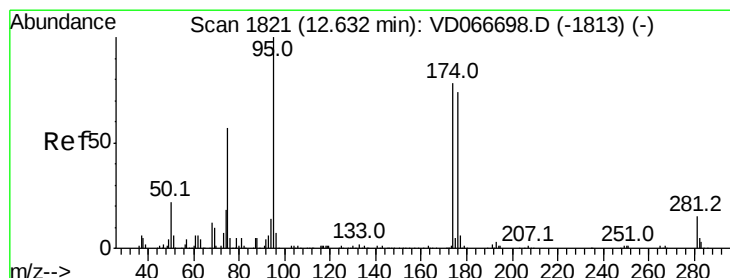
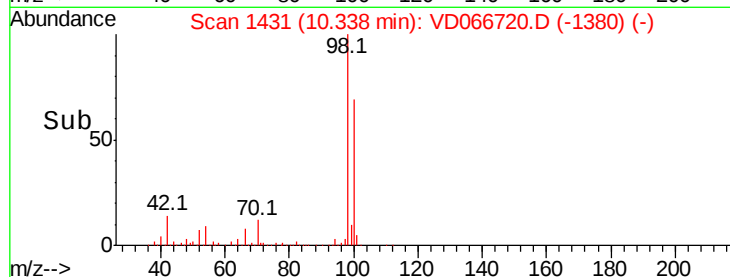
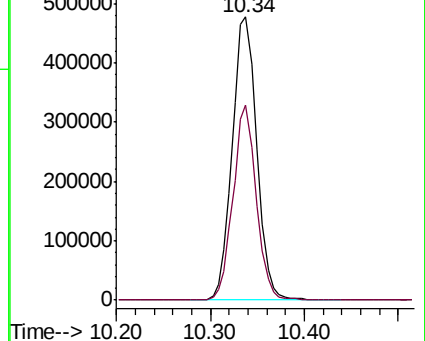
98 100

100 65.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.202 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066720.D

Acq: 16 Sep 2020 15:31

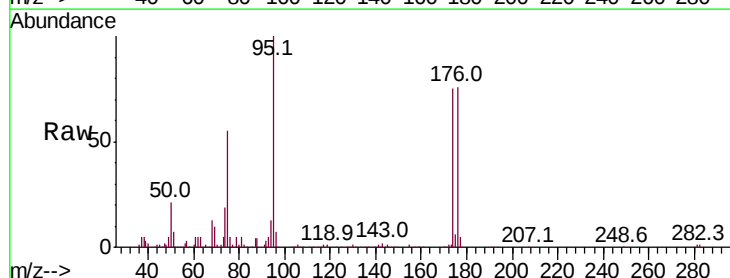
Tgt Ion: 95 Resp: 284696

Ion Ratio Lower Upper

95 100

174 76.3 0.0 156.6

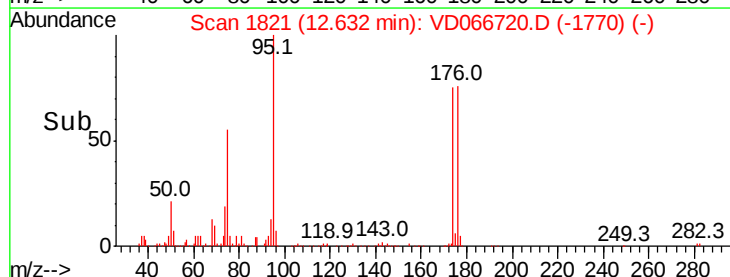
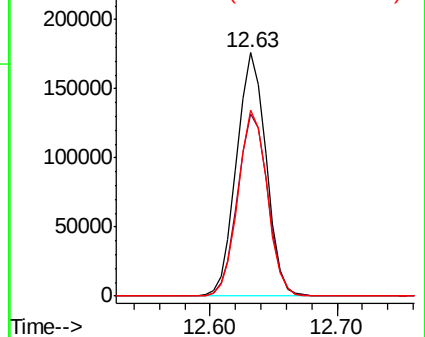
176 75.0 0.0 150.2

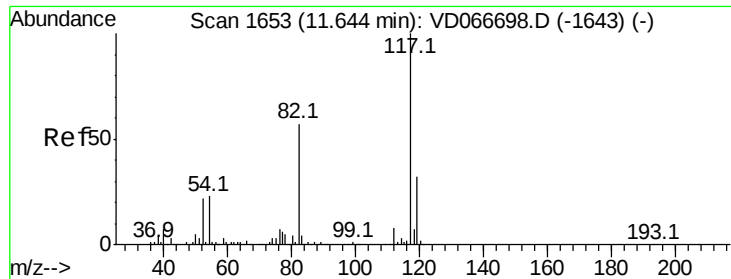


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

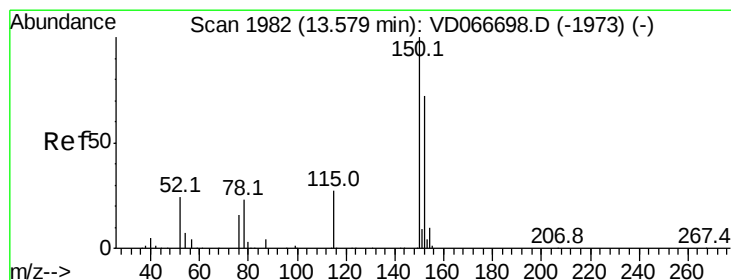
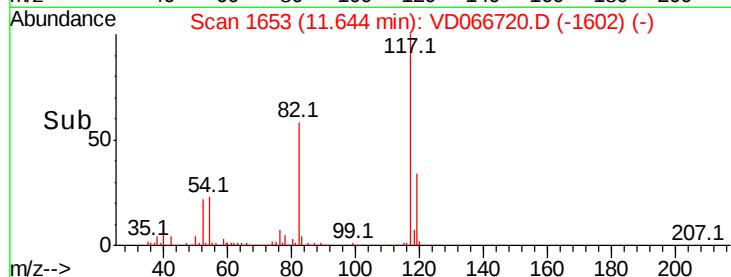
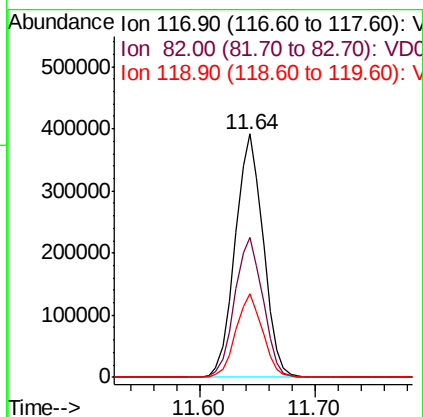
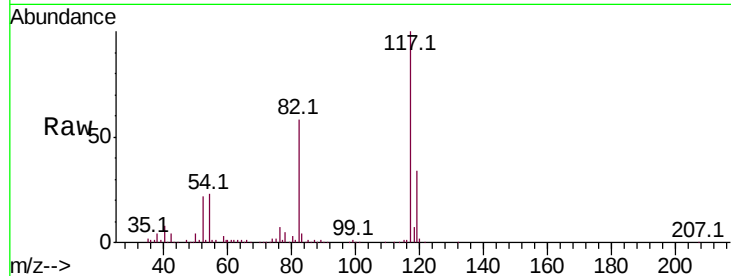




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066720.D
Acq: 16 Sep 2020 15:31

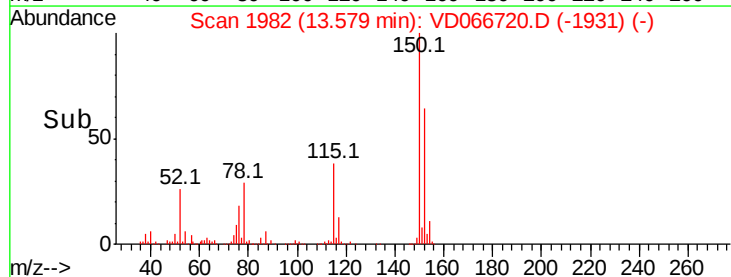
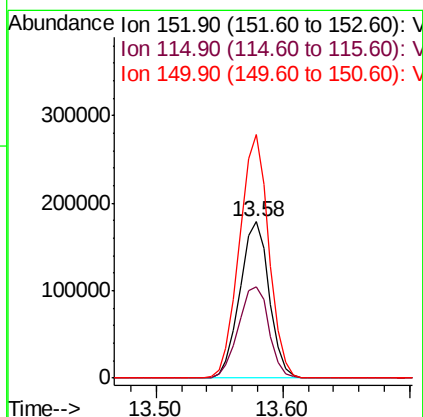
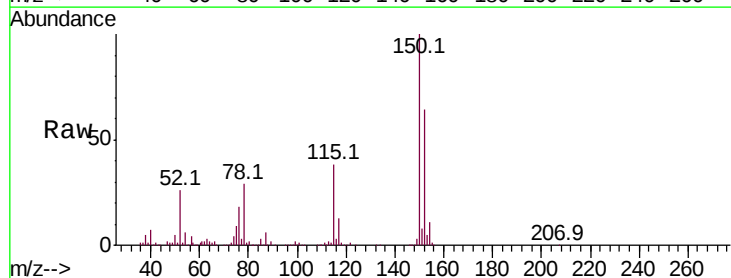
Instrument :
MSVOA_D
ClientSampleId :
ETGI-370

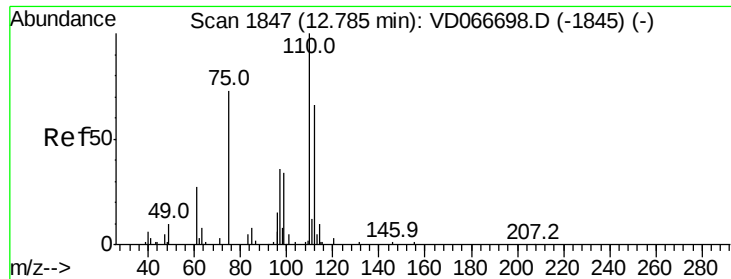
Tot Ion:117 Resp: 659144
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.0
119 34.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066720.D
Acq: 16 Sep 2020 15:31

Tgt Ion:152 Resp: 287004
Ion Ratio Lower Upper
152 100
115 60.9 30.5 91.5
150 155.3 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 64.473 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066720.D

Acq: 16 Sep 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

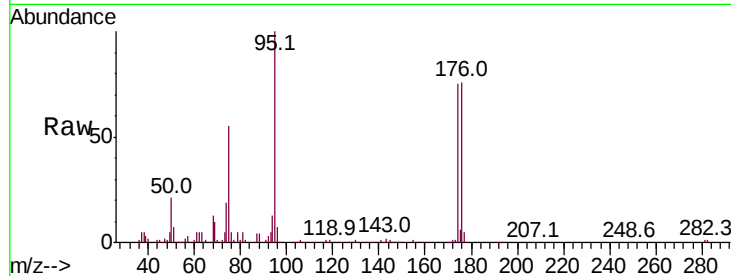
ETGI-370

Tot Ion: 75 Resp: 158386

Ion Ratio Lower Upper

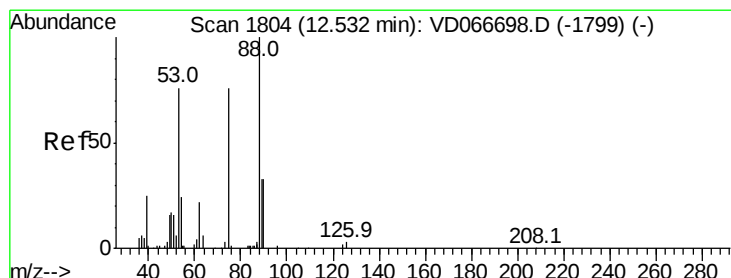
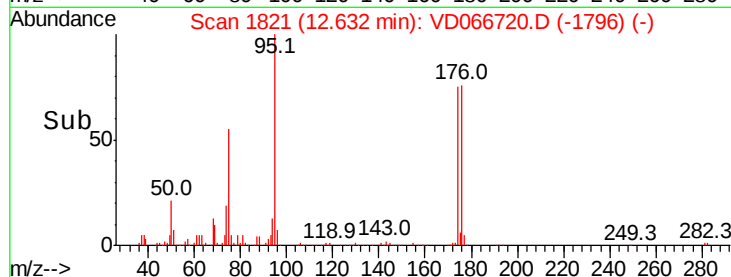
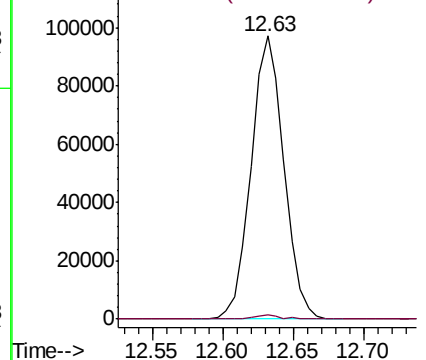
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 139.143 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066720.D

Acq: 16 Sep 2020 15:31

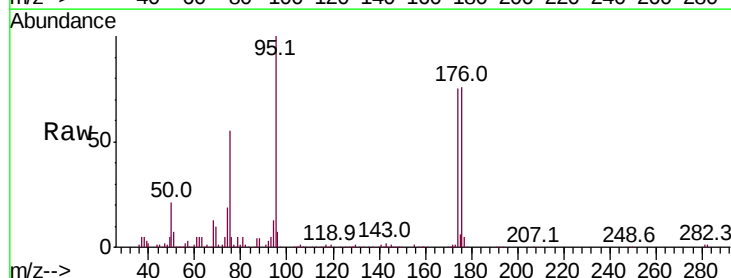
Tgt Ion: 75 Resp: 158386

Ion Ratio Lower Upper

75 100

53 0.1 82.2 123.4#

89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

