

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112019\
 Data File : VD064311.D
 Acq On : 20 Nov 2019 14:07
 Operator : VA/SY
 Sample : K5938-01
 Misc : 7.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-277

Quant Time: Nov 20 15:44:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

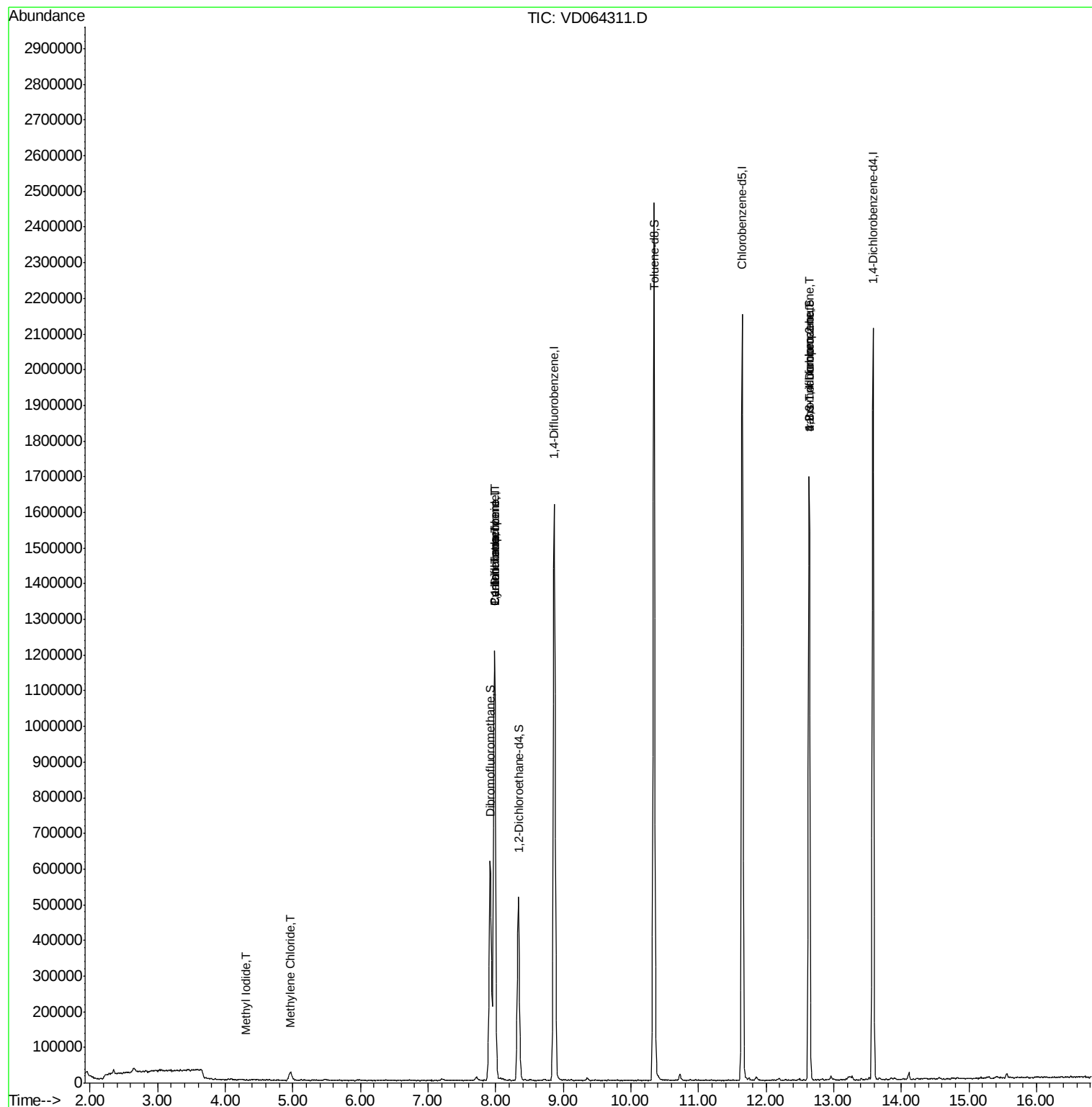
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	990592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1421115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1230331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	578923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	406833	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
35) Dibromofluoromethane	7.92	113	424716	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
50) Toluene-d8	10.34	98	1656753	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.64	95	524590	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	576	2.087	ug/l #	52
20) Methylene Chloride	4.96	84	16768	1.720	ug/l	86
31) Cyclohexane	7.98	56	19797	1.238	ug/l #	24
36) 1,1-Dichloropropene	7.98	75	64400	4.910	ug/l #	50
38) Carbon Tetrachloride	7.98	117	89178	6.354	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	269521	57.799	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	269521	114.812	ug/l #	10

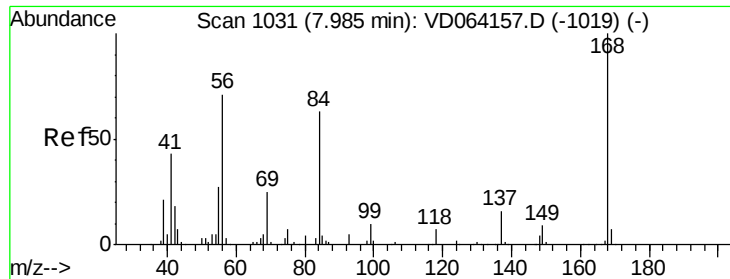
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD064311.D
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ETGI-277

Quant Time: Nov 20 15:44:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

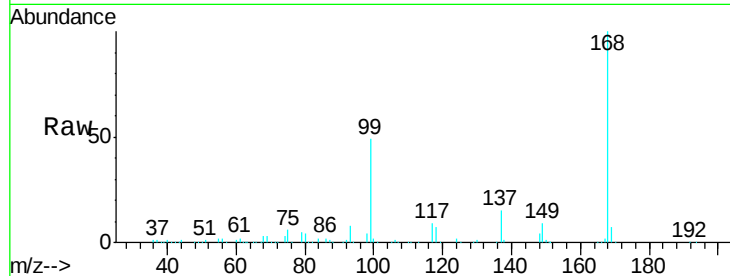
ETGI-277

Tgt Ion:168 Resp: 990592

Ion Ratio Lower Upper

168 100

99 49.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

500000

400000

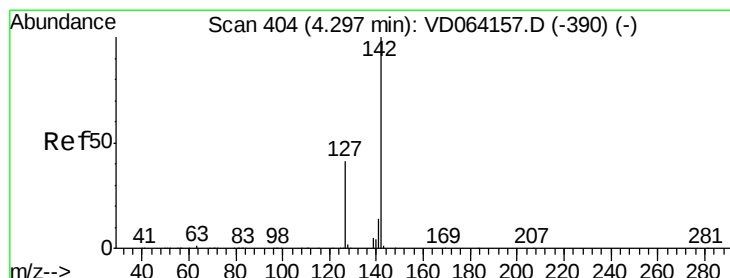
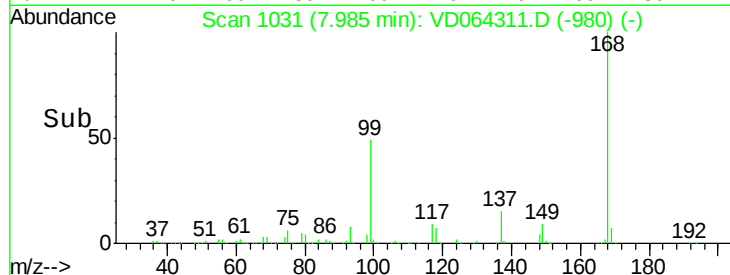
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.087 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

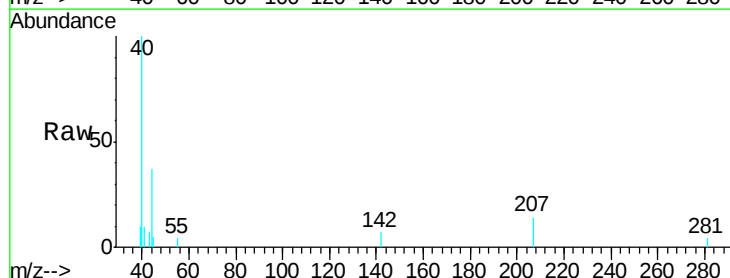
Tgt Ion:142 Resp: 576

Ion Ratio Lower Upper

142 100

127 9.4 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

400

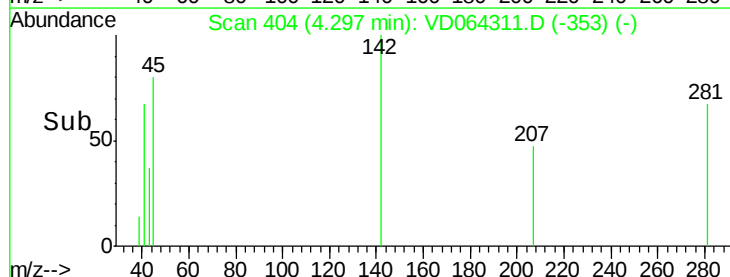
300

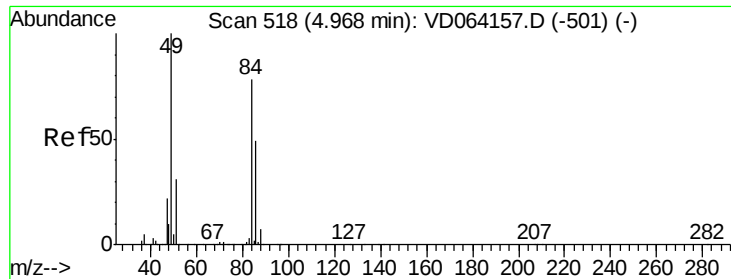
200

100

0

Time-->

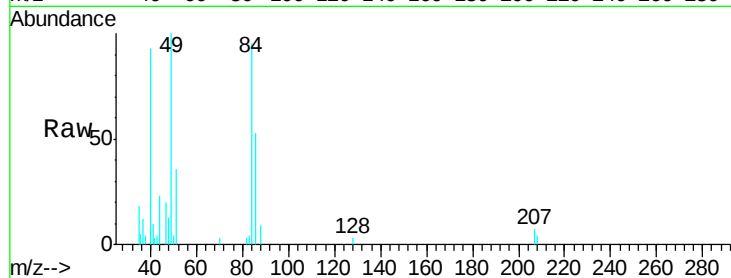




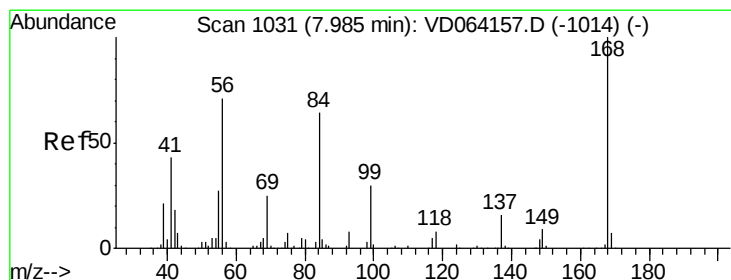
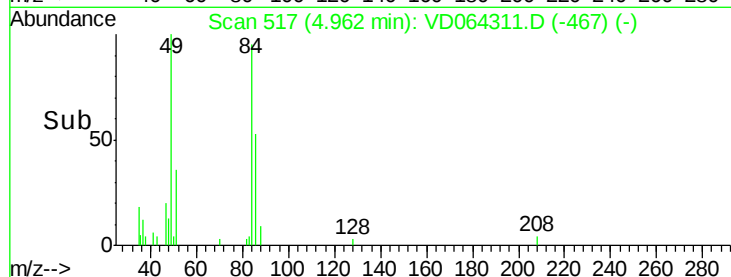
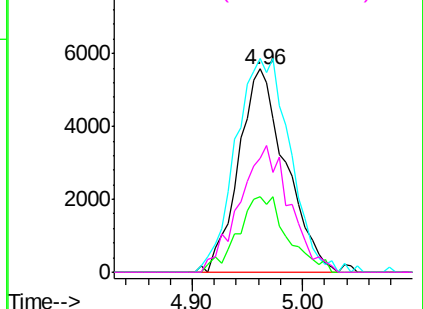
#20
Methylene Chloride
Concen: 1.720 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064311.D
Acq: 20 Nov 2019 14:07

Instrument :
MSVOA_D
ClientSampleId :
ETGI-277

Tgt Ion:	84	Resp:	16768
Ion	Ratio	Lower	Upper
84	100		
49	105.1	102.1	153.1
51	37.4	32.2	48.2
86	56.1	49.9	74.9

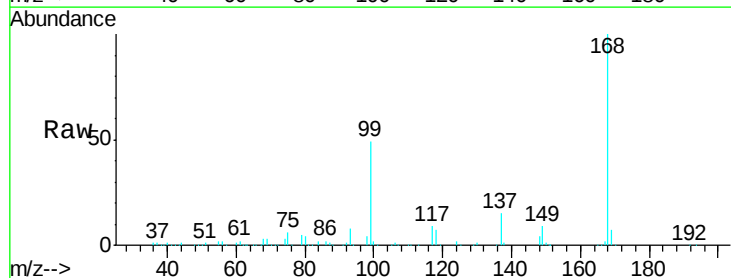


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

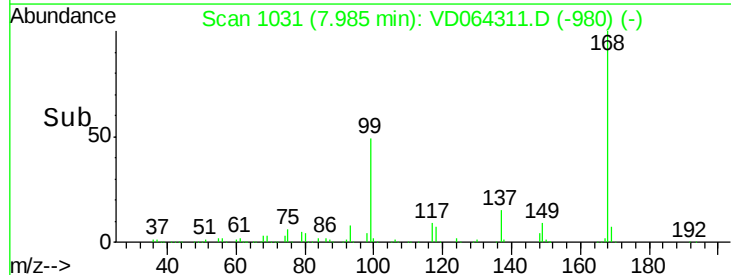
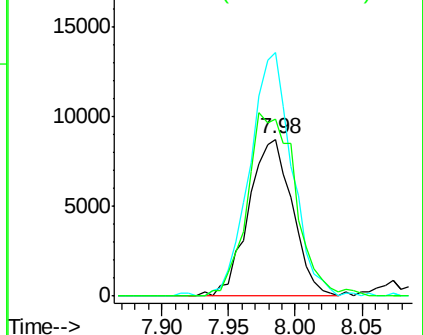


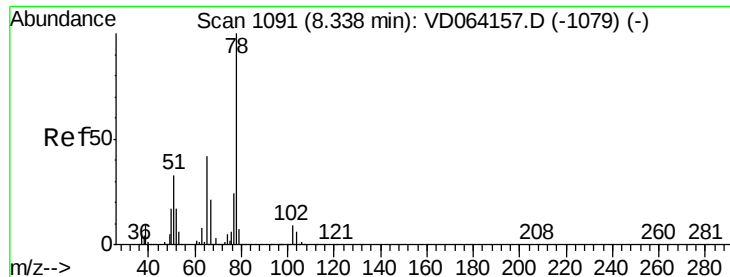
#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064311.D
Acq: 20 Nov 2019 14:07

Tgt Ion:	56	Resp:	19797
Ion	Ratio	Lower	Upper
56	100		
69	155.0	28.2	42.4#
84	113.1	71.8	107.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

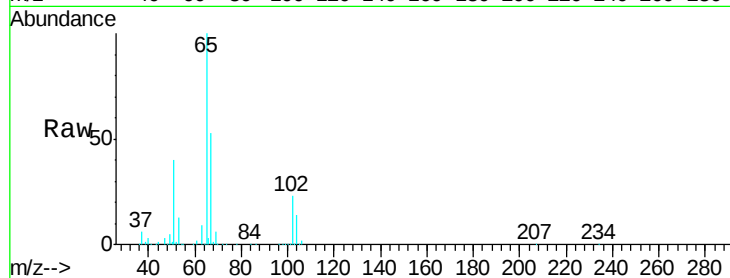




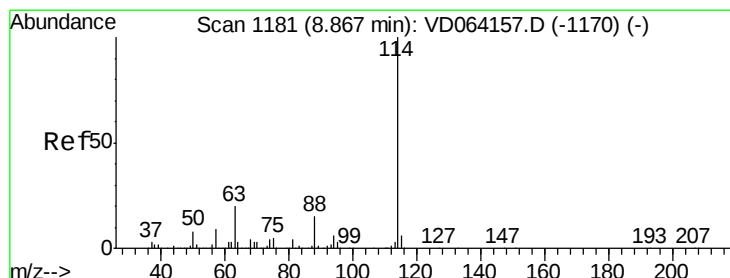
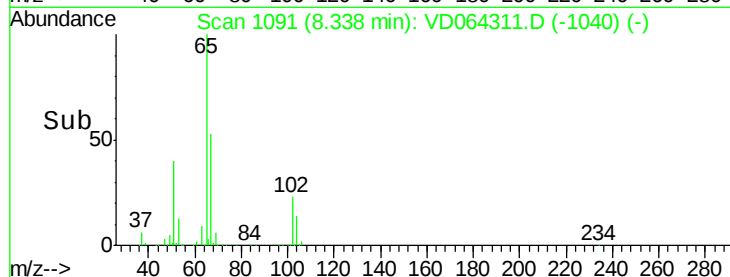
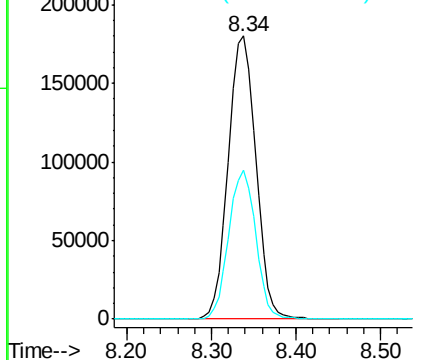
#33
 1,2-Dichloroethane-d4
 Concen: 49.936 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064311.D
 Acq: 20 Nov 2019 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-277

Tgt Ion: 65 Resp: 406833
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4

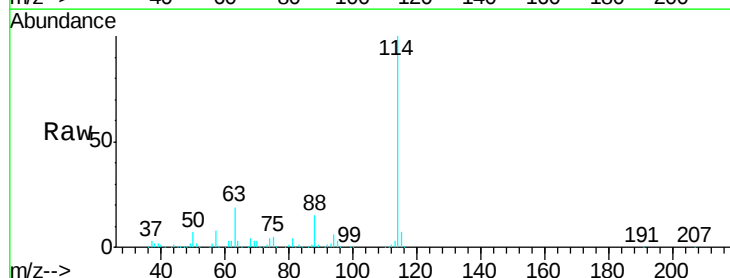


Abundance Ion 64.90 (64.60 to 65.60): VDC
 Ion 66.90 (66.60 to 67.60): VDC

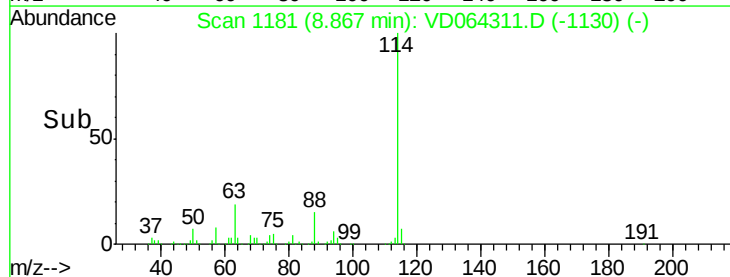
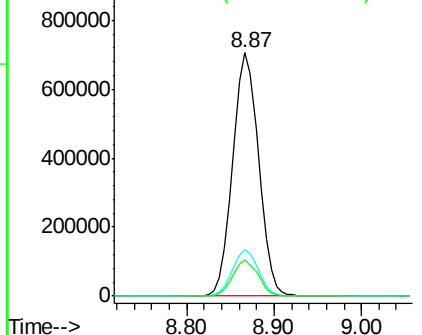


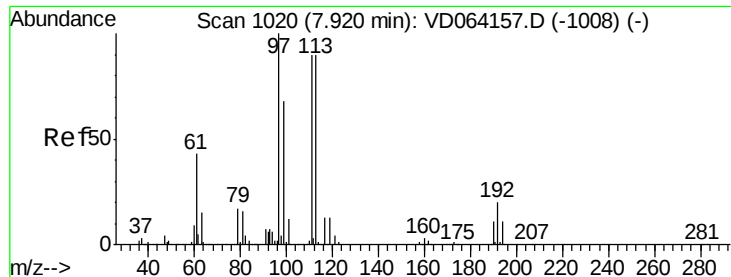
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064311.D
 Acq: 20 Nov 2019 14:07

Tgt Ion: 114 Resp: 1421115
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 14.8 0.0 30.2



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

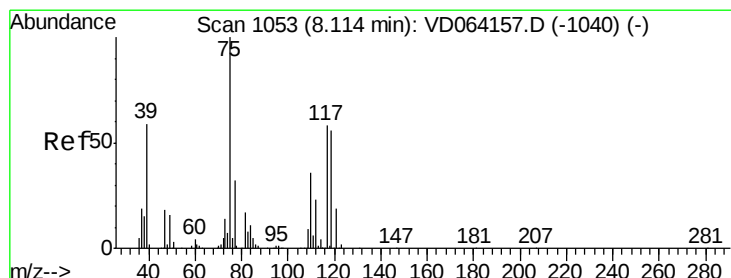
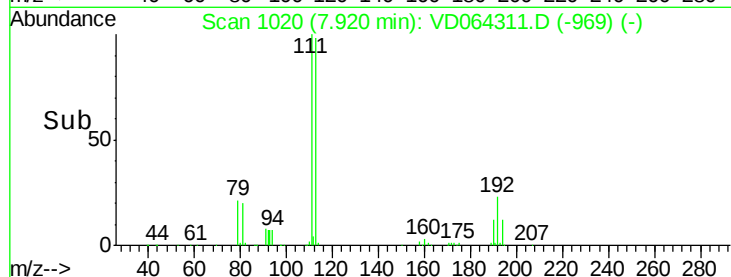
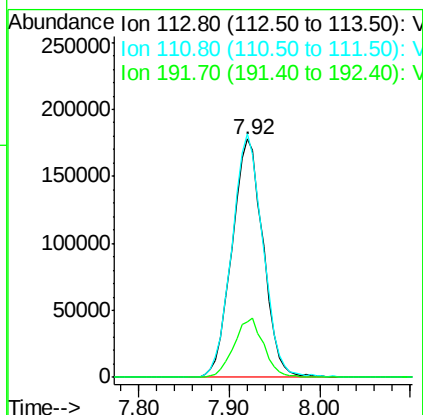
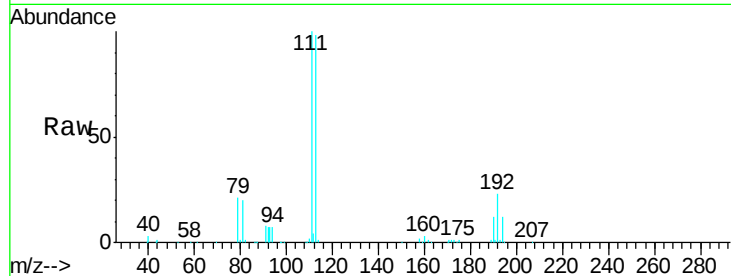




#35
 Dibromofluoromethane
 Concen: 52.065 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064311.D
 Acq: 20 Nov 2019 14:07

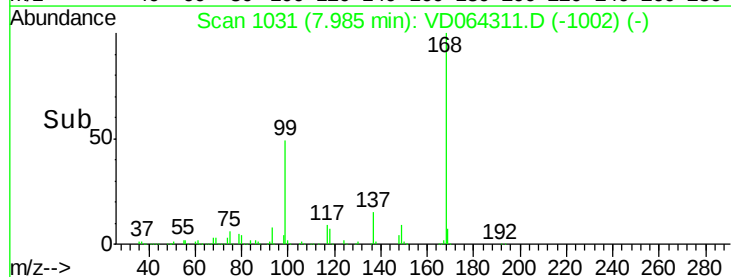
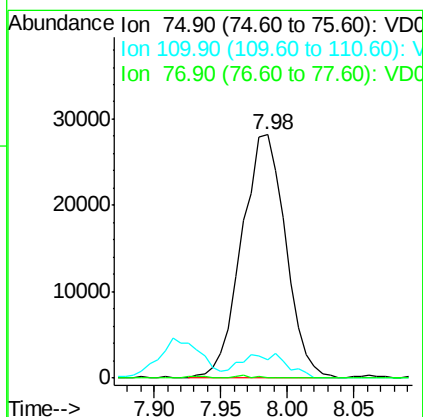
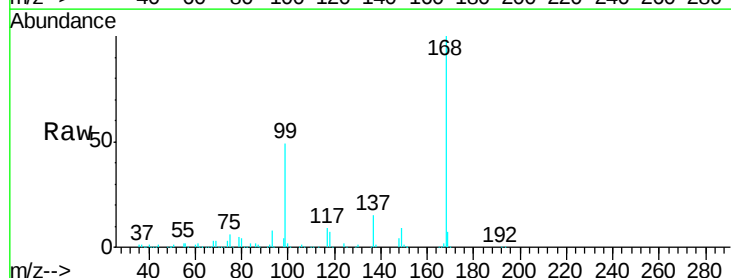
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-277

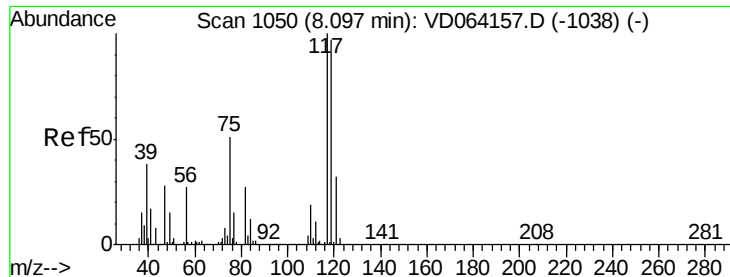
Tgt Ion: 113 Resp: 424716
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.5 122.3
 192 23.8 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.910 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064311.D
 Acq: 20 Nov 2019 14:07

Tgt Ion: 75 Resp: 64400
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.3 54.9#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.354 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

ETGI-277

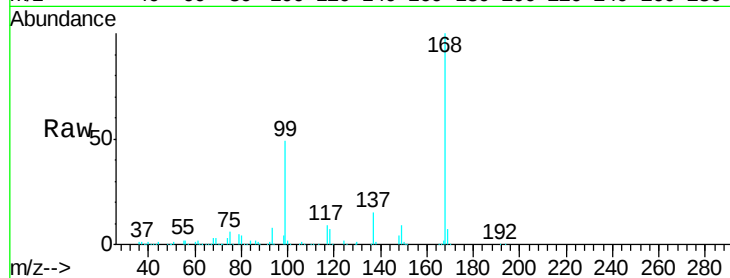
Tgt Ion:117 Resp: 89178

Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

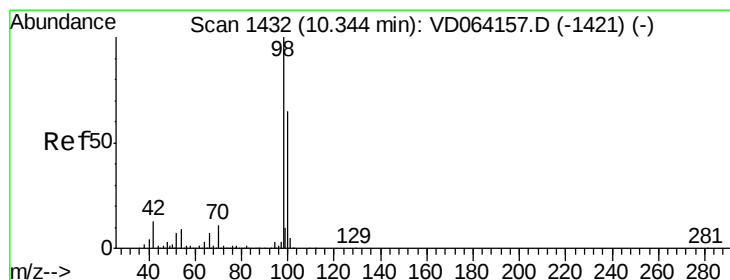
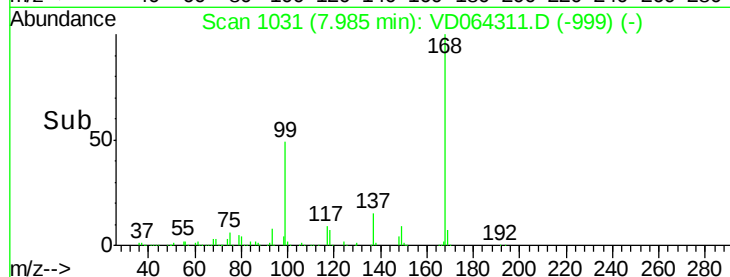
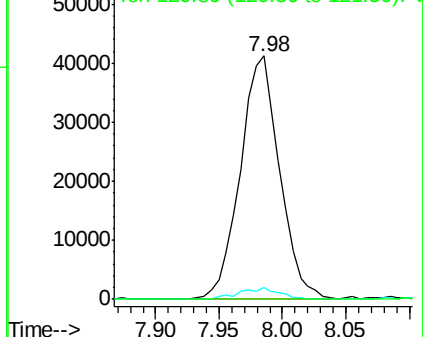
121 0.0 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 53.837 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064311.D

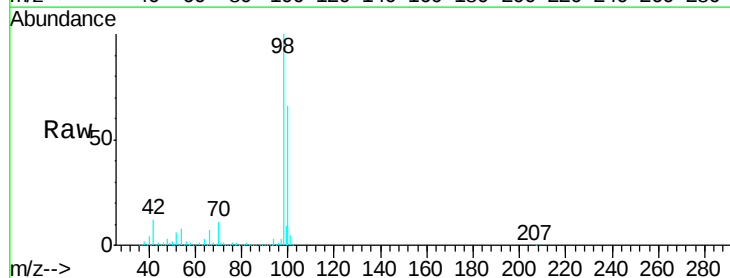
Acq: 20 Nov 2019 14:07

Tgt Ion: 98 Resp: 1656753

Ion Ratio Lower Upper

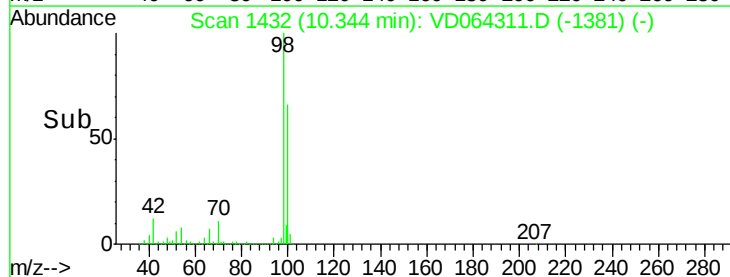
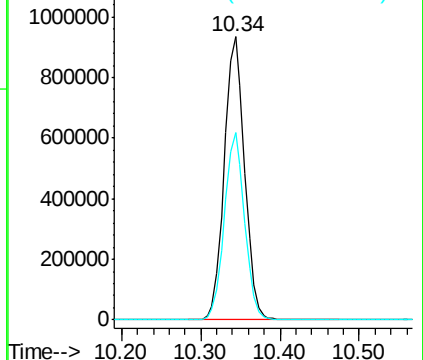
98 100

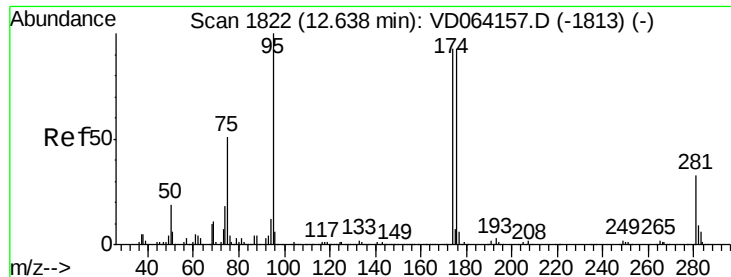
100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

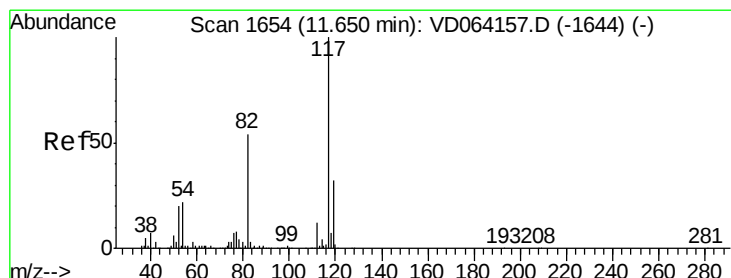
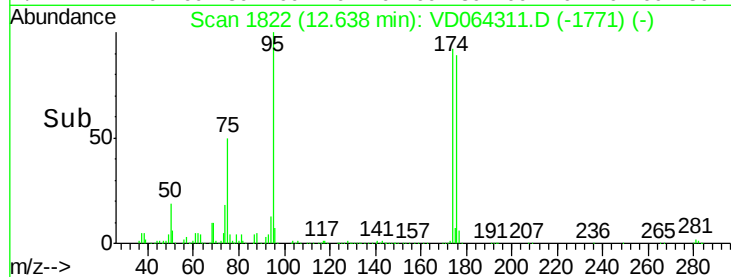
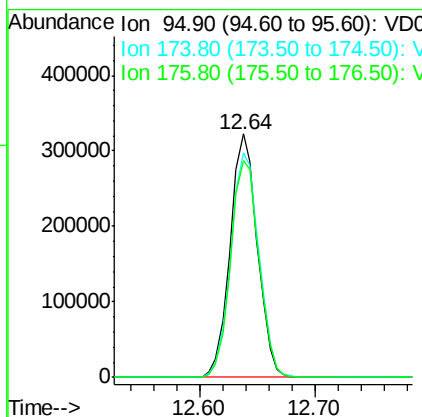
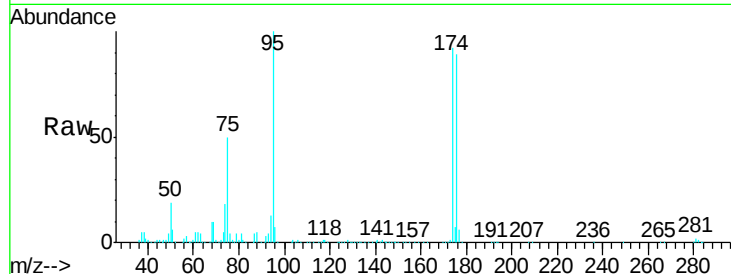




#62
4-Bromofluorobenzene
Concen: 49.225 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064311.D
Acq: 20 Nov 2019 14:07

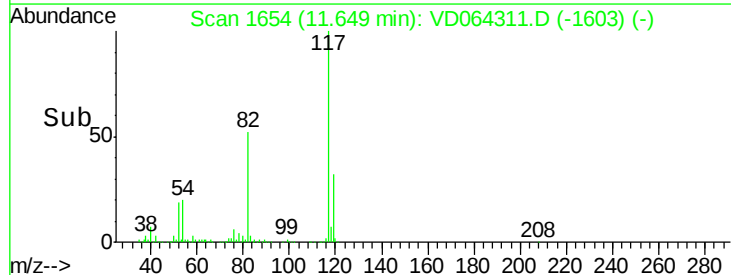
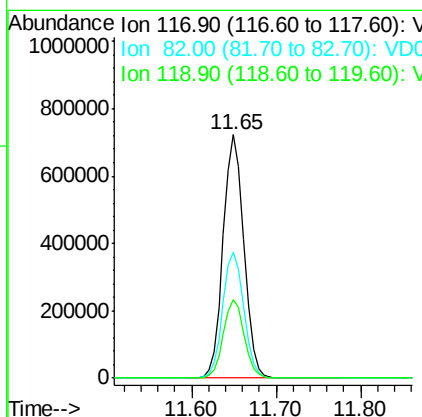
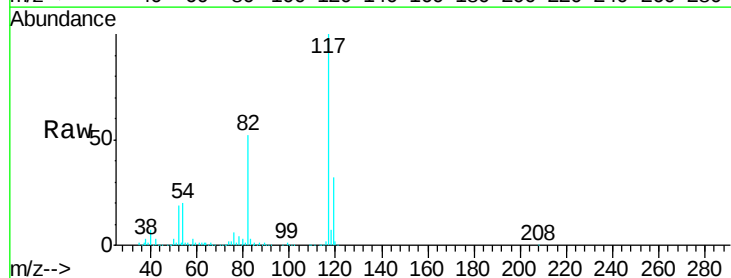
Instrument :
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ETGI-277

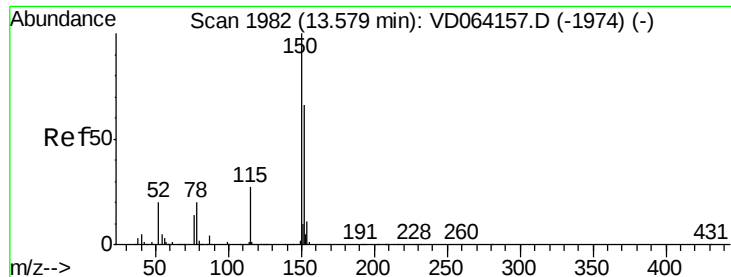
Tgt Ion: 95 Resp: 524590
Ion Ratio Lower Upper
95 100
174 95.5 0.0 183.6
176 92.4 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064311.D
Acq: 20 Nov 2019 14:07

Tgt Ion: 117 Resp: 1230331
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

ETGI-277

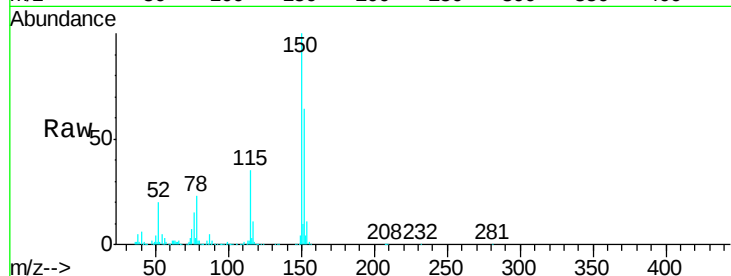
Tgt Ion:152 Resp: 578923

Ion Ratio Lower Upper

152 100

115 54.0 27.4 82.2

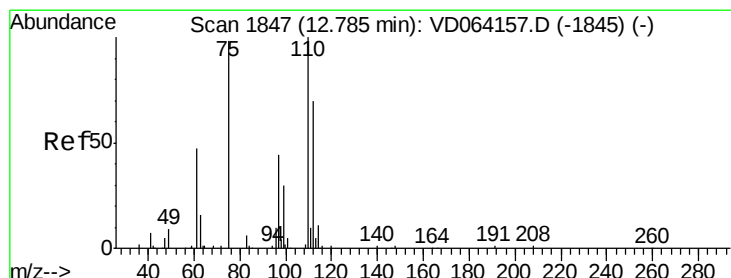
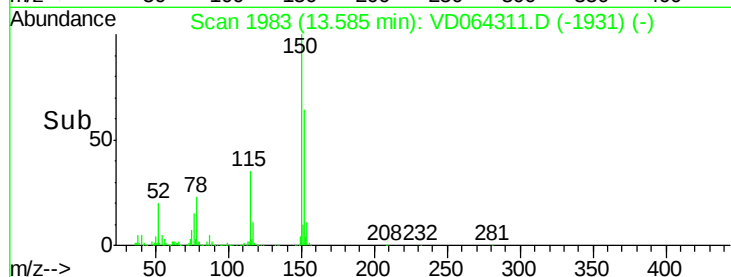
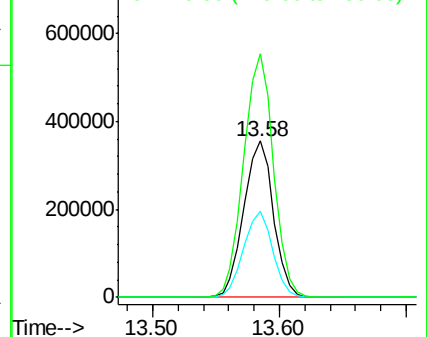
150 155.9 0.0 351.6



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



#76

1,2,3-Trichloropropane

Concen: 57.799 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064311.D

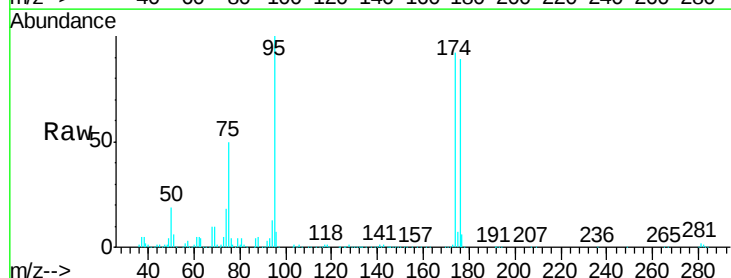
Acq: 20 Nov 2019 14:07

Tgt Ion: 75 Resp: 269521

Ion Ratio Lower Upper

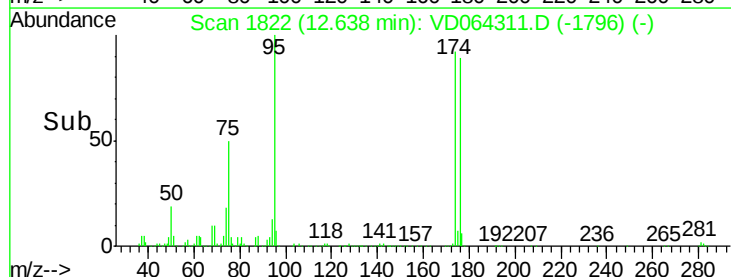
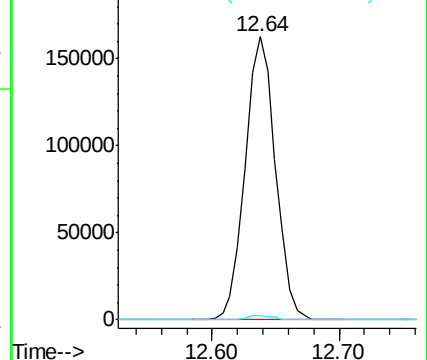
75 100

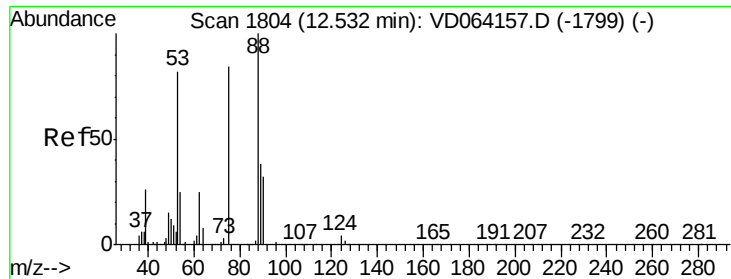
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 114.812 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064311.D

Acq: 20 Nov 2019 14:07

Instrument :

MSVOA_D

ClientSampleId :

ETGI-277

Tgt Ion: 75 Resp: 269521

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.1 36.6 55.0#

