

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013120\
 Data File : VD065033.D
 Acq On : 31 Jan 2020 14:52
 Operator : VA/SY
 Sample : L1320-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-367

Quant Time: Jan 31 15:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	387037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	619591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	607028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279724	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	209822	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.04%	
35) Dibromofluoromethane	7.92	113	203325	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.34	98	753888	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.64	95	256405	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	

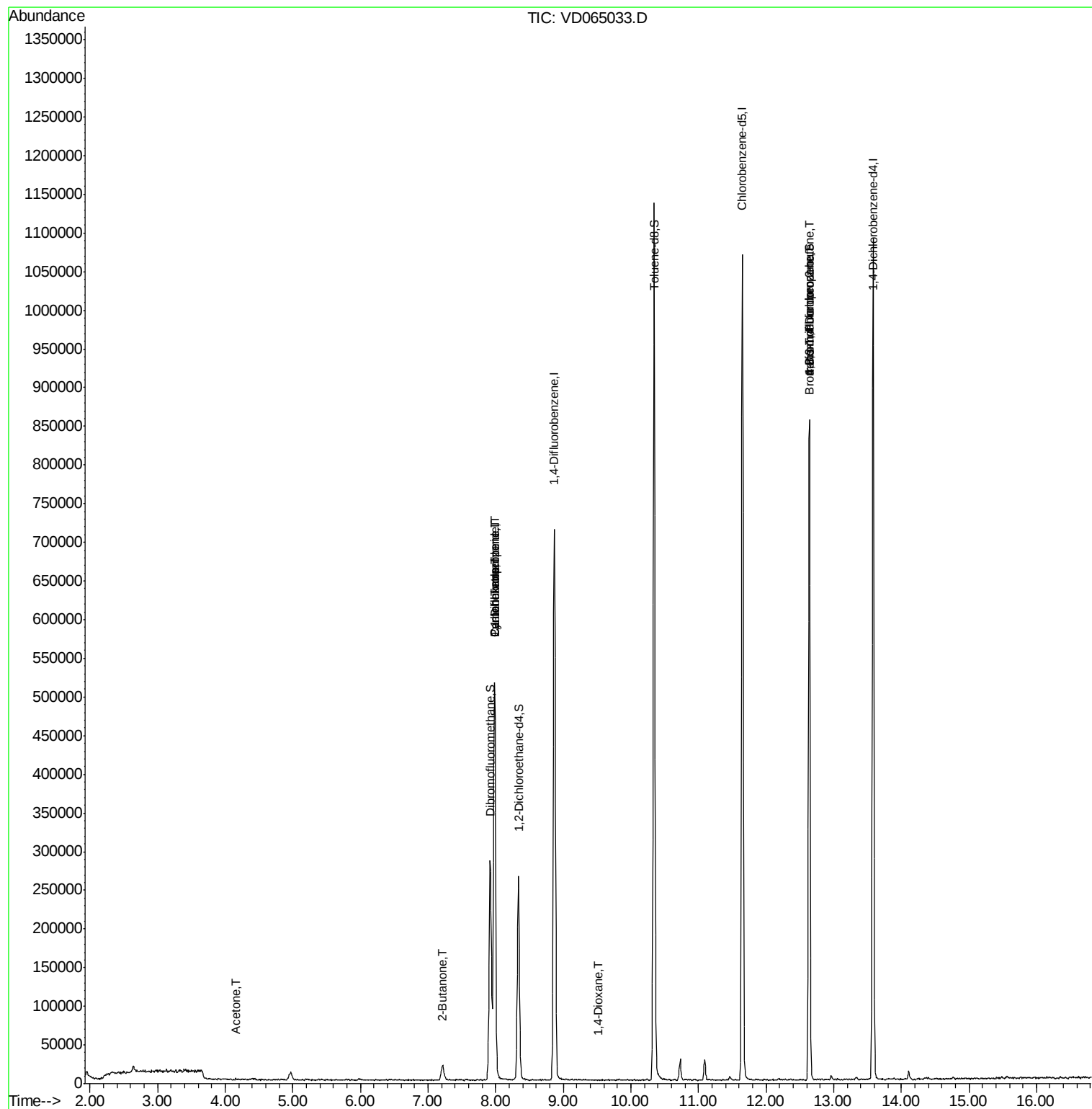
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	2241	15.85	ug/l #	86
20) Methylene Chloride	4.97	84	7941	Below Cal	#	80
25) 2-Butanone	7.22	43	1458	1.45	ug/l #	49
31) Cyclohexane	7.98	56	9537	1.47	ug/l #	47
36) 1,1-Dichloropropene	7.98	75	30225	5.06	ug/l #	51
38) Carbon Tetrachloride	7.98	117	37396	5.92	ug/l #	20
49) 1,4-Dioxane	9.51	88	60	2.38	ug/l #	1
71) Bromoform	12.63	173	2822	1.10	ug/l #	28
76) 1,2,3-Trichloropropane	12.64	75	135955	58.56	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	135955	125.03	ug/l #	9

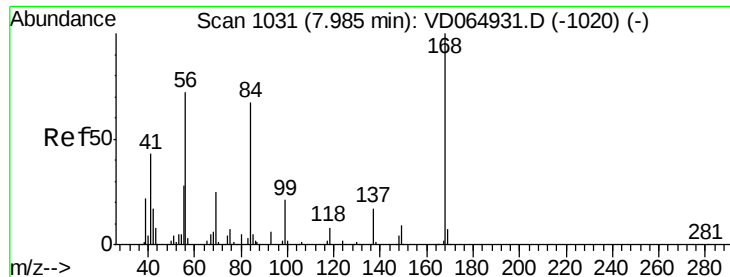
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD013120\
Data File : VD065033.D
Acq On : 31 Jan 2020 14:52
Operator : VA/SY
Sample : L1320-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ETGI-367

Quant Time: Jan 31 15:20:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065033.D

Acq: 31 Jan 2020 14:52

Instrument :

MSVOA_D

ClientSampleId :

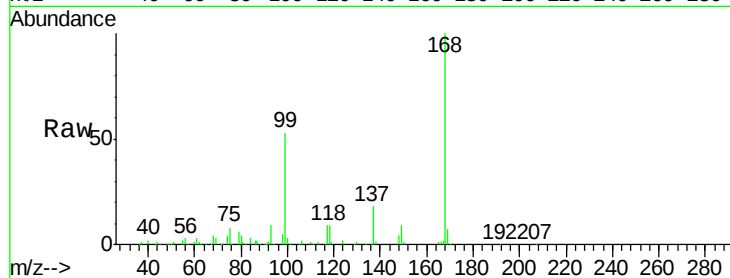
ETGI-367

Tgt Ion:168 Resp: 387037

Ion Ratio Lower Upper

168 100

99 53.3 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

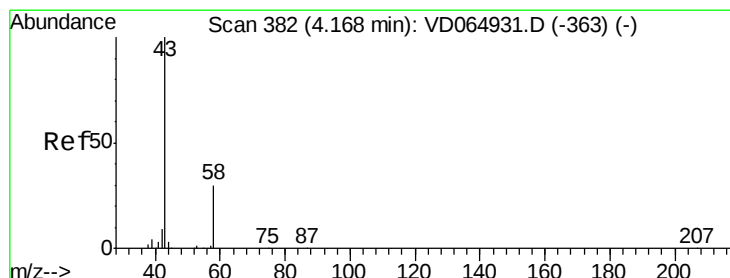
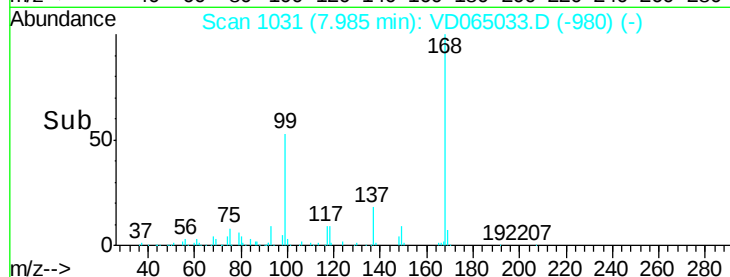
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.85 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065033.D

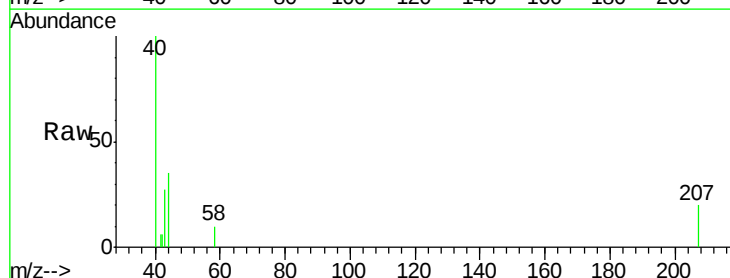
Acq: 31 Jan 2020 14:52

Tgt Ion: 43 Resp: 2241

Ion Ratio Lower Upper

43 100

58 37.2 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

800

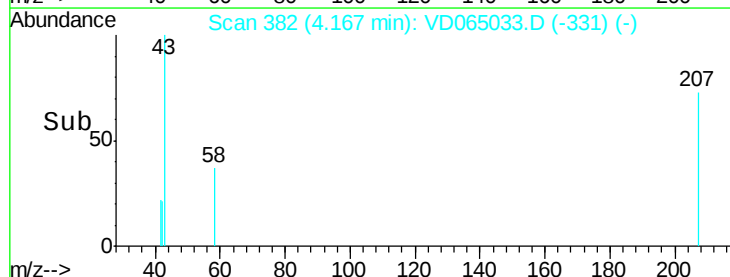
600

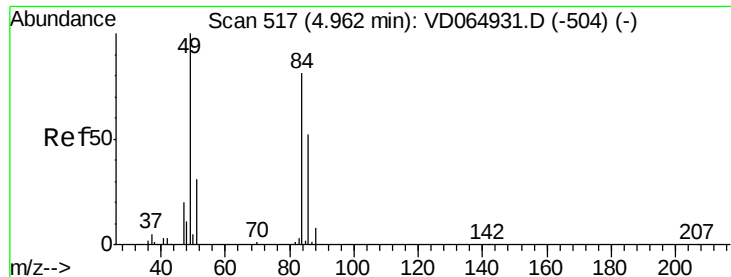
400

200

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065033.D

Acq: 31 Jan 2020 14:52

Instrument :

MSVOA_D

ClientSampleId :

ETGI-367

Tgt Ion: 84 Resp: 7941

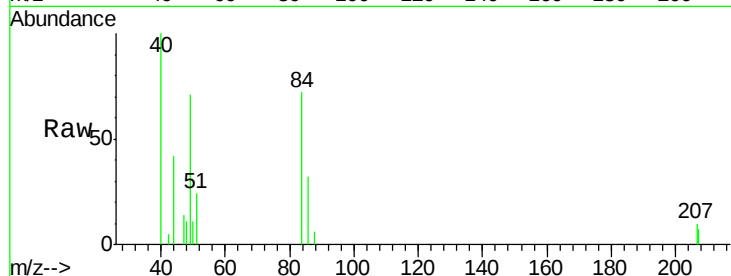
Ion Ratio Lower Upper

84 100

49 99.6 98.4 147.6

51 33.4 30.8 46.2

86 45.2 51.0 76.6#

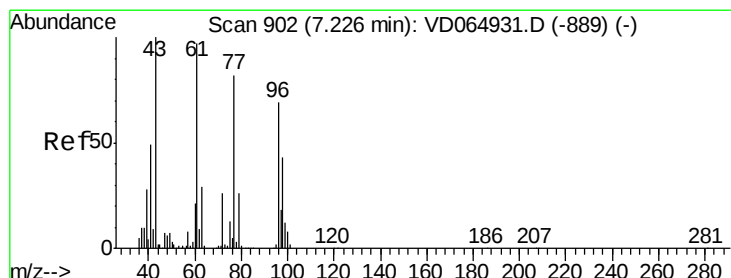
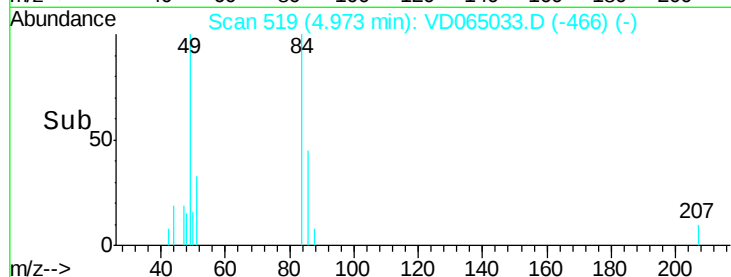
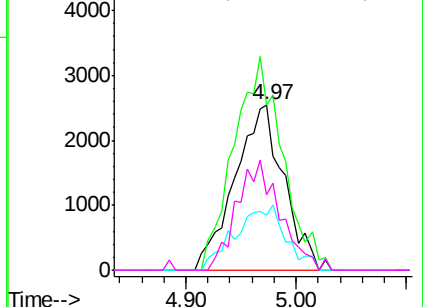


Abundance Ion 83.90 (83.60 to 84.60): VDC

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



#25

2-Butanone

Concen: 1.45 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065033.D

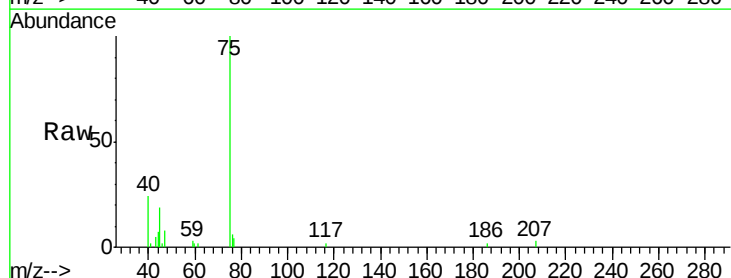
Acq: 31 Jan 2020 14:52

Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

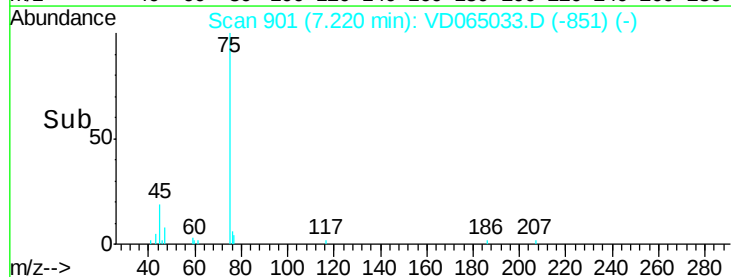
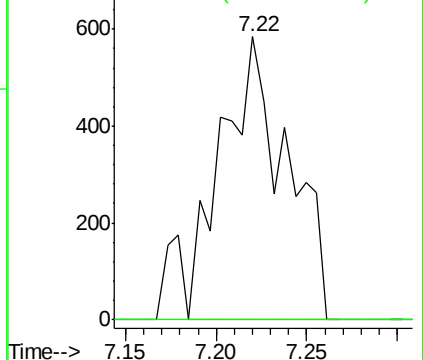
43 100

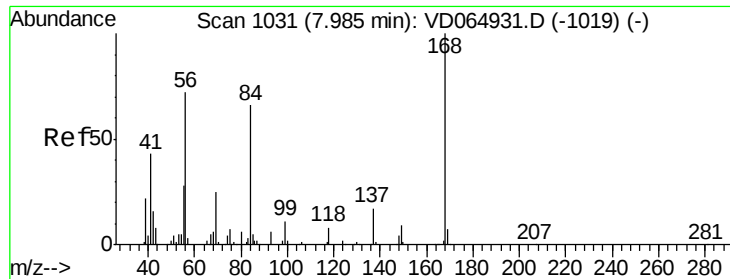
72 0.0 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

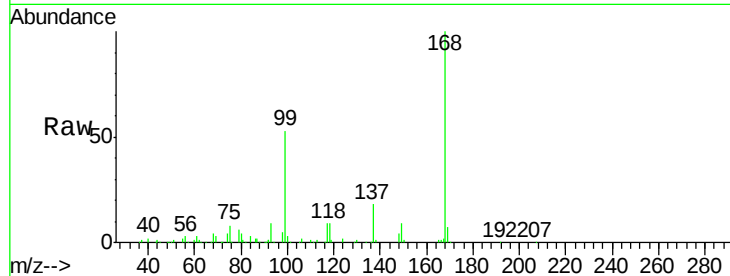




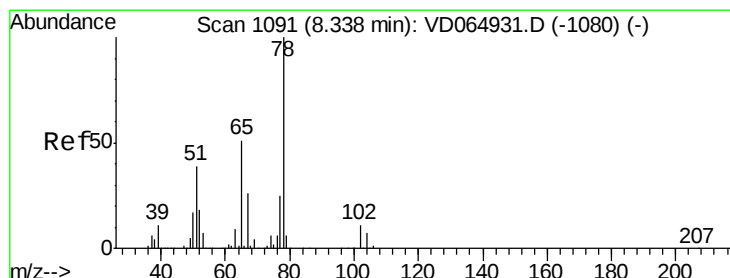
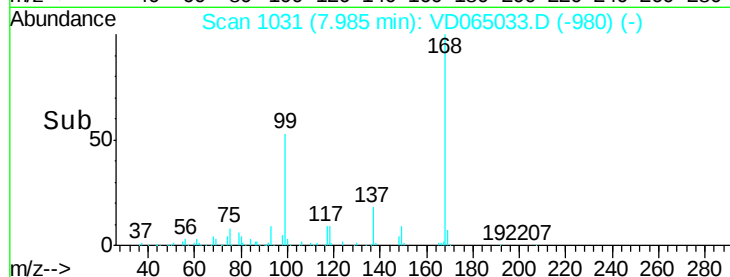
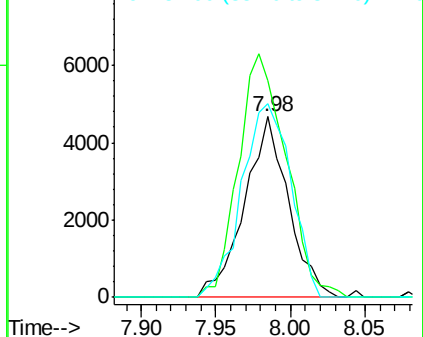
#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065033.D
Acq: 31 Jan 2020 14:52

Instrument :
MSVOA_D
ClientSampleId :
ETGI-367

Tgt Ion: 56 Resp: 9537
Ion Ratio Lower Upper
56 100
69 119.8 27.9 41.9#
84 107.3 72.8 109.2

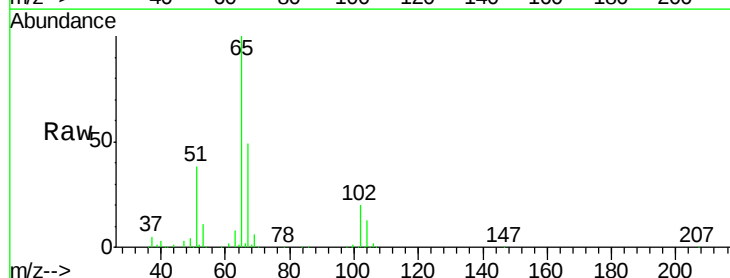


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

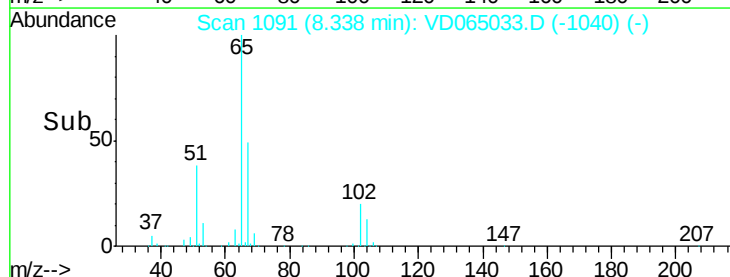
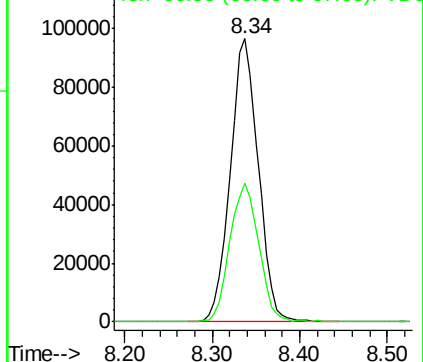


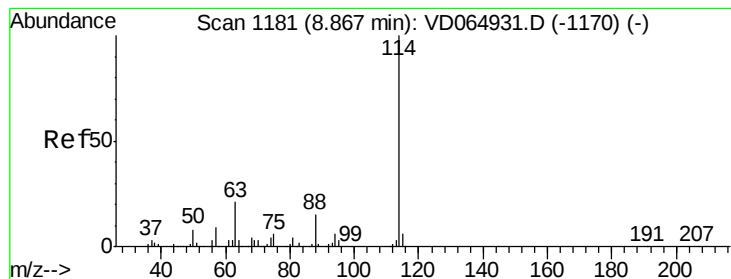
#33
1,2-Dichloroethane-d4
Concen: 56.52 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065033.D
Acq: 31 Jan 2020 14:52

Tgt Ion: 65 Resp: 209822
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.6



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065033.D

Acq: 31 Jan 2020 14:52

Instrument :

MSVOA_D

ClientSampleId :

ETGI-367

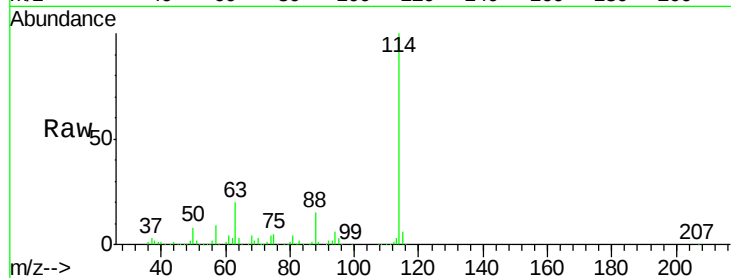
Tgt Ion:114 Resp: 619591

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.0

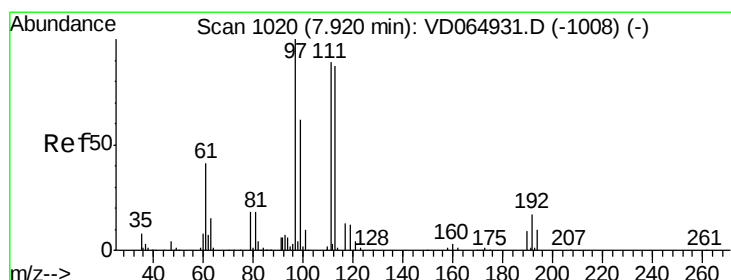
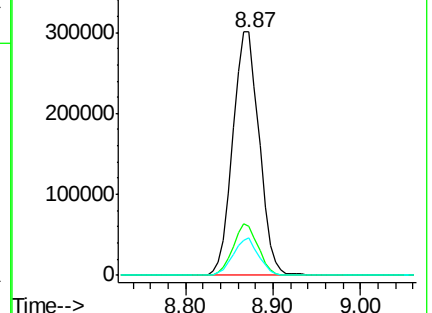
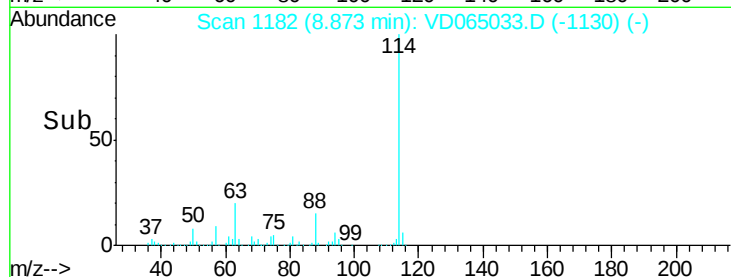
88 15.4 0.0 29.4



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: 52.22 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065033.D

Acq: 31 Jan 2020 14:52

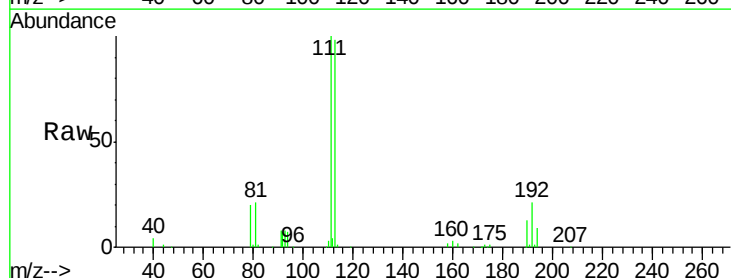
Tgt Ion:113 Resp: 203325

Ion Ratio Lower Upper

113 100

111 100.3 82.4 123.6

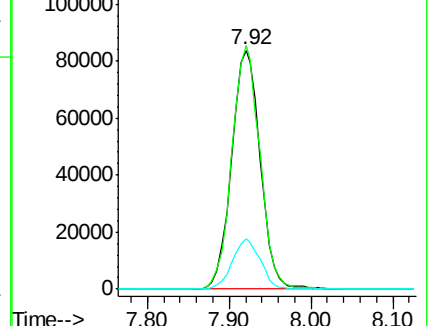
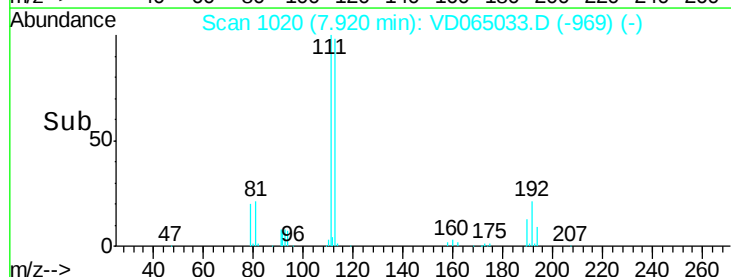
192 20.6 16.9 25.3

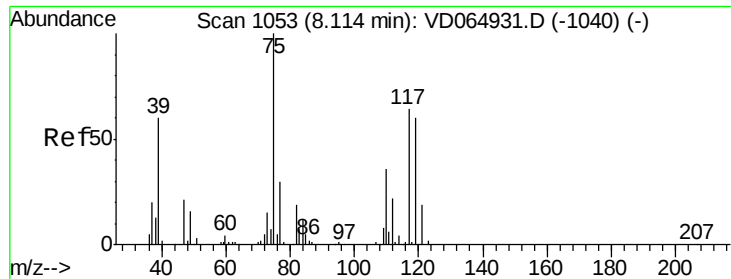


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

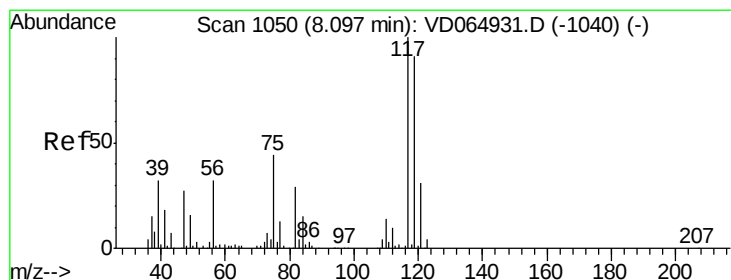
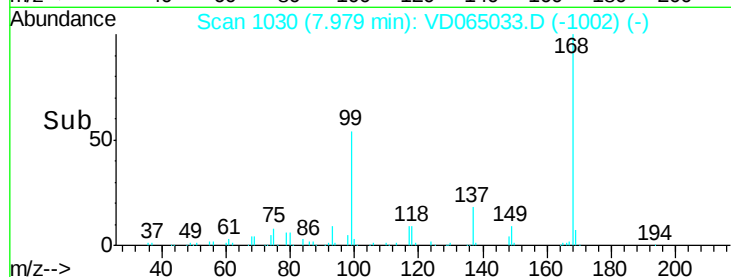
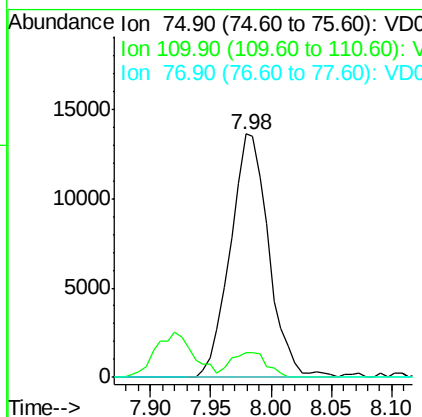
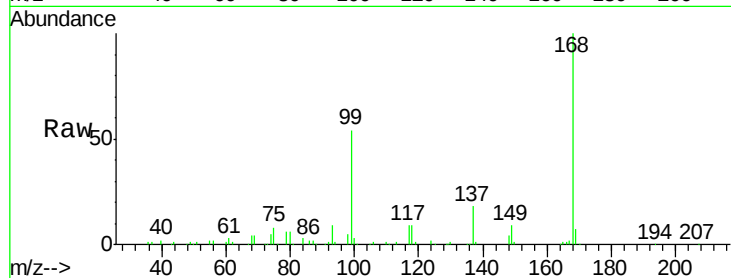




#36
 1,1-Dichloropropene
 Concen: 5.06 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065033.D
 Acq: 31 Jan 2020 14:52

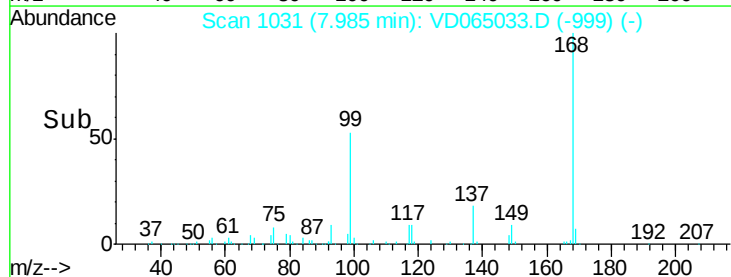
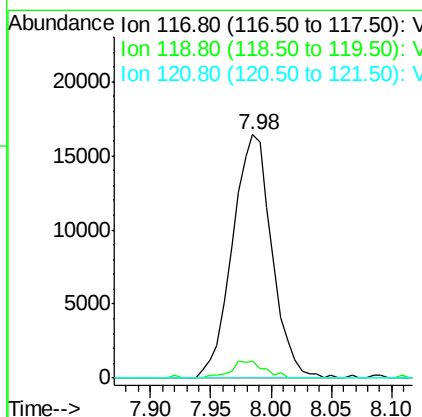
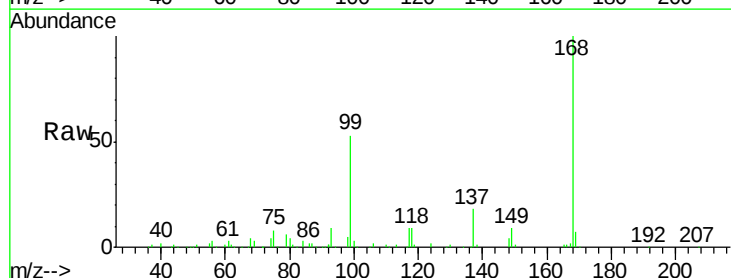
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-367

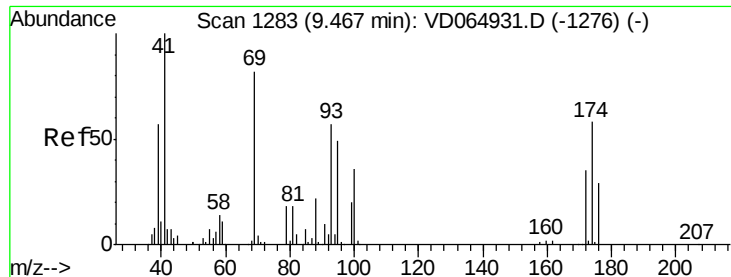
Tgt Ion: 75 Resp: 30225
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.3 52.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.92 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065033.D
 Acq: 31 Jan 2020 14:52

Tgt Ion: 117 Resp: 37396
 Ion Ratio Lower Upper
 117 100
 119 7.2 73.2 109.8#
 121 0.0 24.4 36.6#

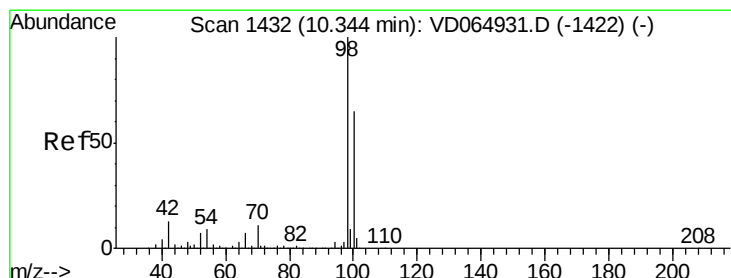
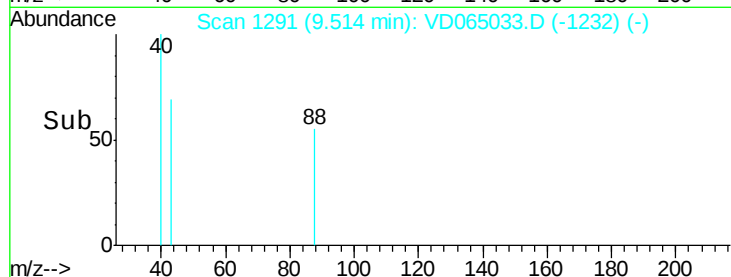
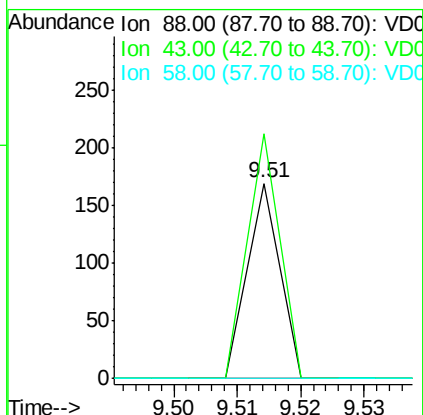
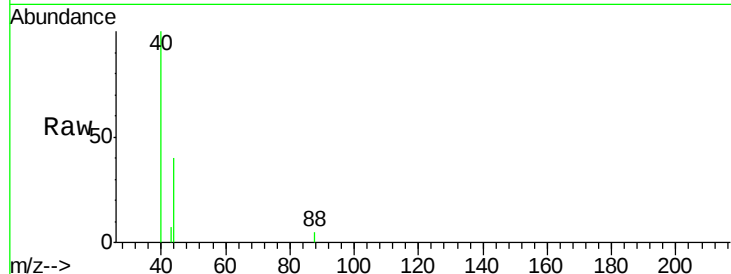




#49
1,4-Dioxane
Concen: 2.38 ug/l
RT: 9.51 min Scan# 1291
Delta R.T. 0.05 min
Lab File: VD065033.D
Acq: 31 Jan 2020 14:52

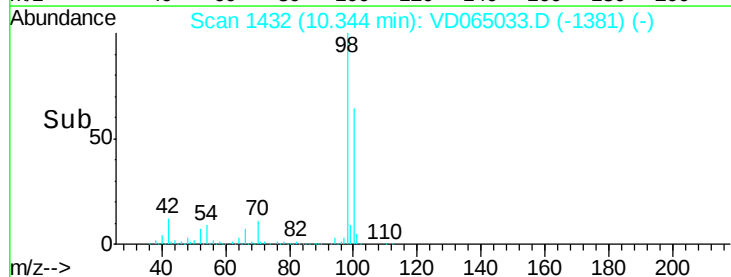
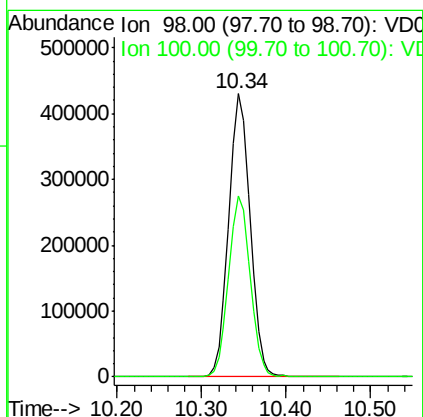
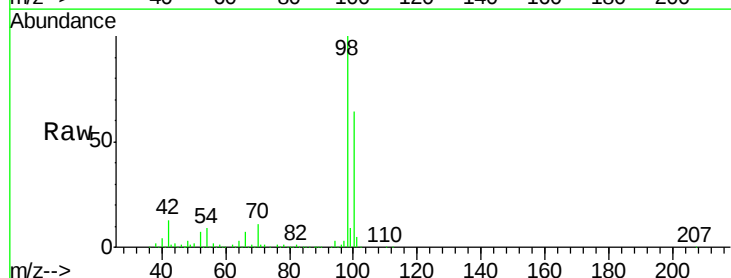
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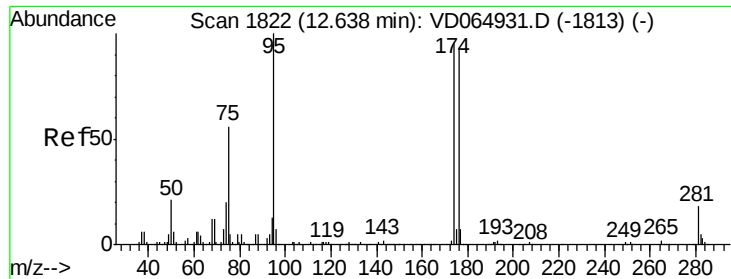
Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 125.0 26.2 39.4#
58 0.0 50.3 75.5#



#50
Toluene-d8
Concen: 50.17 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065033.D
Acq: 31 Jan 2020 14:52

Tgt Ion: 98 Resp: 753888
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

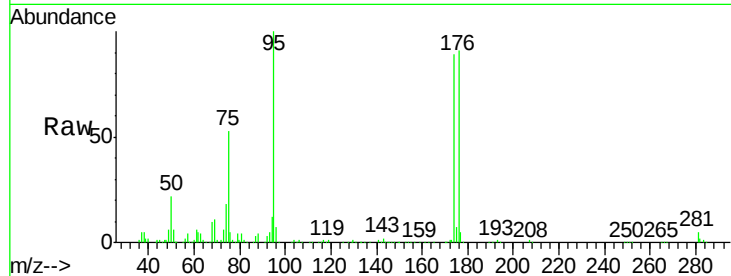




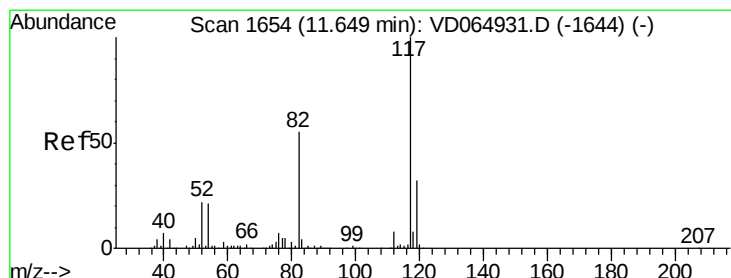
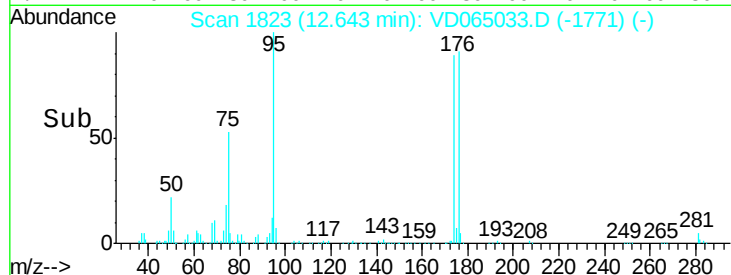
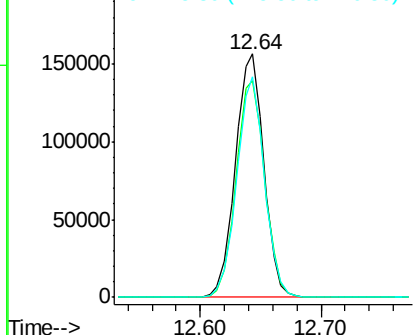
#62
4-Bromofluorobenzene
Concen: 55.75 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065033.D
Acq: 31 Jan 2020 14:52

Instrument :
MSVOA_D
ClientSampleId :
ETGI-367

Tgt Ion: 95 Resp: 256405
Ion Ratio Lower Upper
95 100
174 89.8 0.0 186.8
176 88.2 0.0 183.4

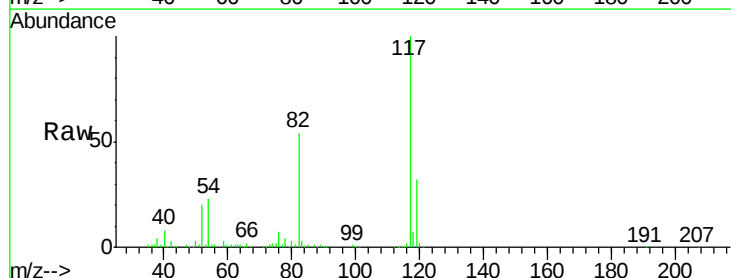


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

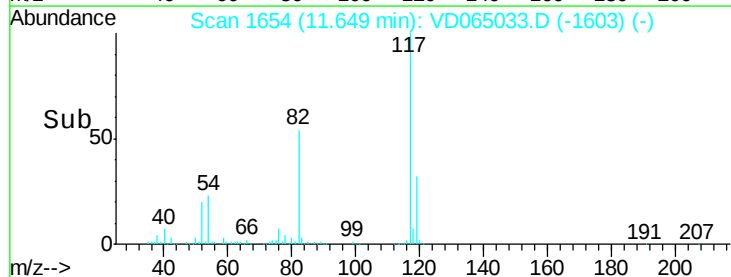
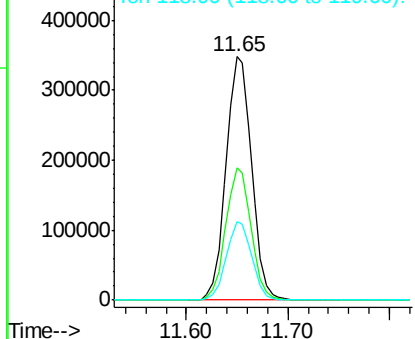


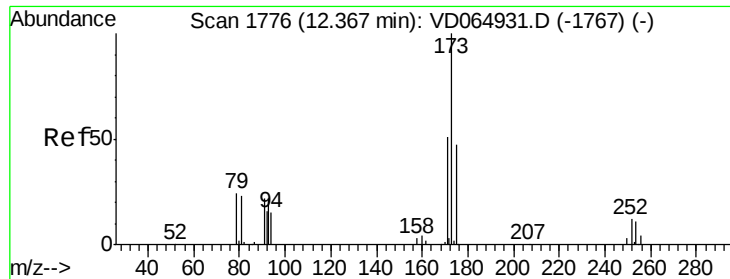
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065033.D
Acq: 31 Jan 2020 14:52

Tgt Ion: 117 Resp: 607028
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 32.3 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 1.10 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.26 min

Lab File: VD065033.D

Acq: 31 Jan 2020 14:52

Instrument :

MSVOA_D

ClientSampleId :

ETGI-367

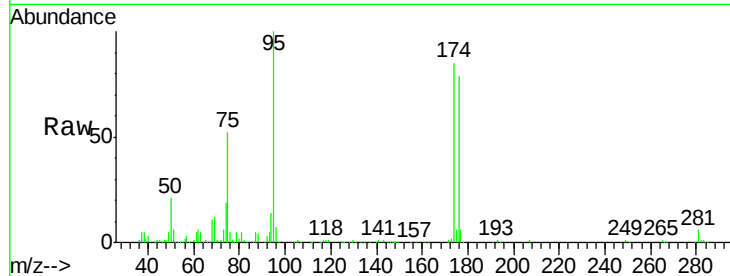
Tgt Ion:173 Resp: 2822

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.8#

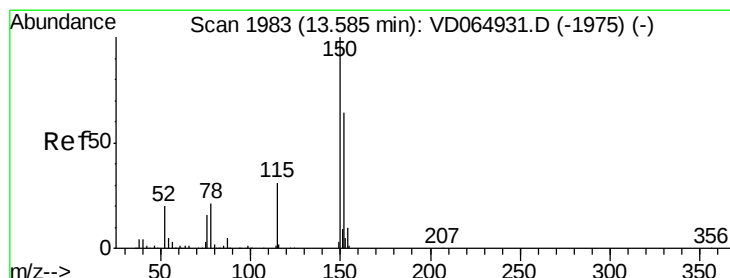
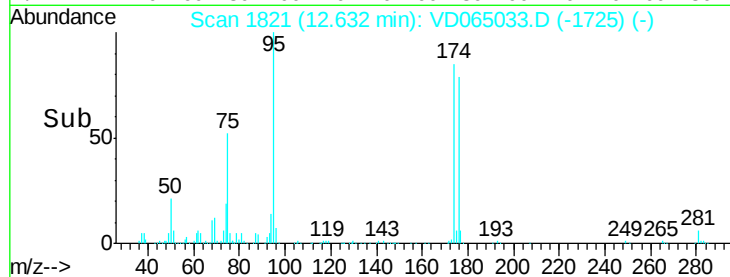
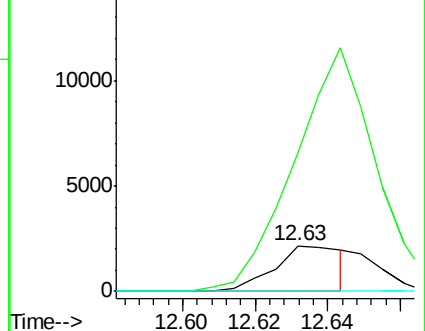
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065033.D

Acq: 31 Jan 2020 14:52

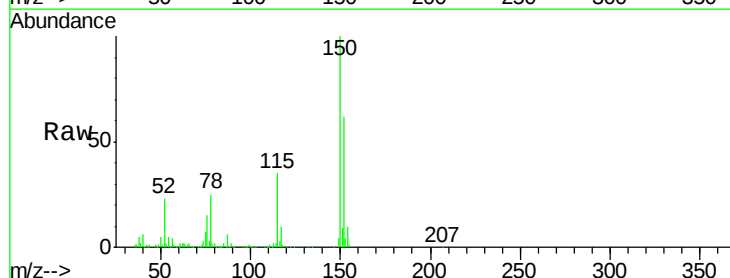
Tgt Ion:152 Resp: 279724

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.4

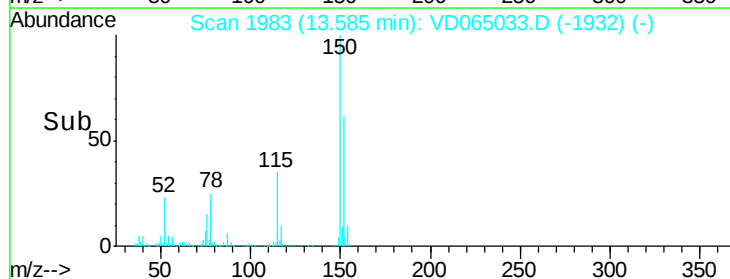
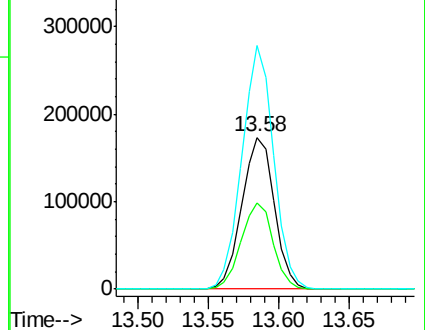
150 156.6 0.0 350.4

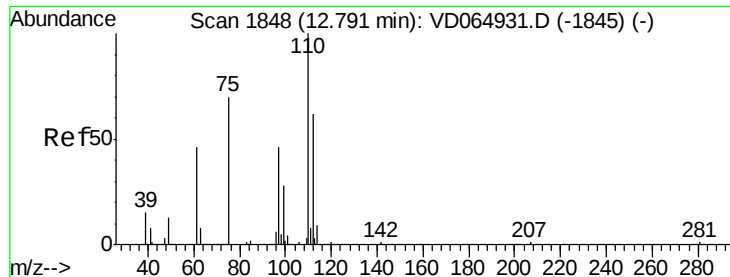


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 58.56 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065033.D

Acq: 31 Jan 2020 14:52

Instrument :

MSVOA_D

ClientSampleId :

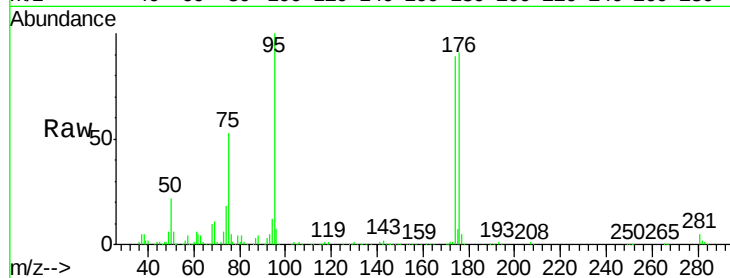
ETGI-367

Tgt Ion: 75 Resp: 135955

Ion Ratio Lower Upper

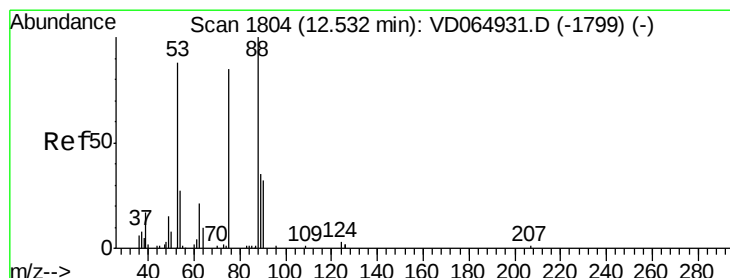
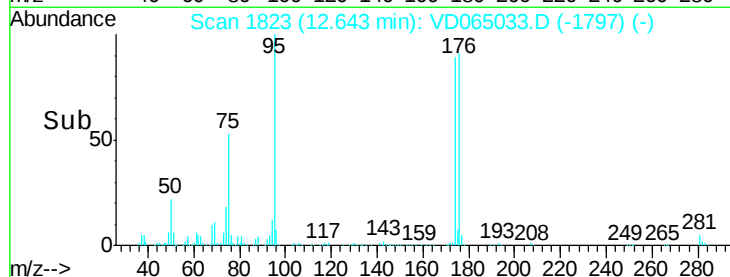
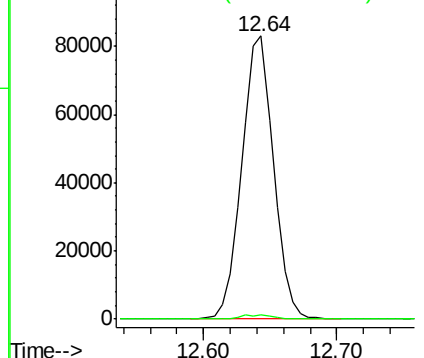
75 100

77 1.4 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: 125.03 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065033.D

Acq: 31 Jan 2020 14:52

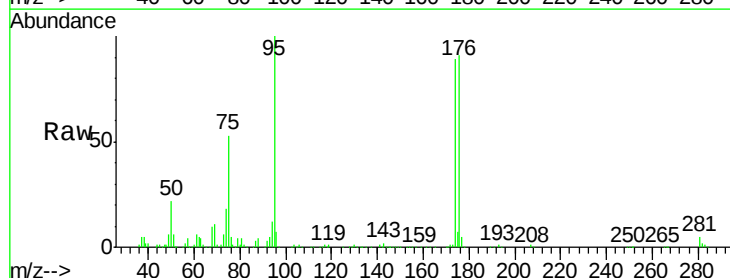
Tgt Ion: 75 Resp: 135955

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.4#

89 0.0 36.2 54.4#



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

