

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016888.D
 Acq On : 19 Jun 2020 18:31
 Operator : JC/SP
 Sample : L3020-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02_061620

Quant Time: Jun 22 01:41:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	359732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191627	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	131996	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	5.47	113	124729	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
50) Toluene-d8	8.70	98	418303	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.12	95	175546	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	

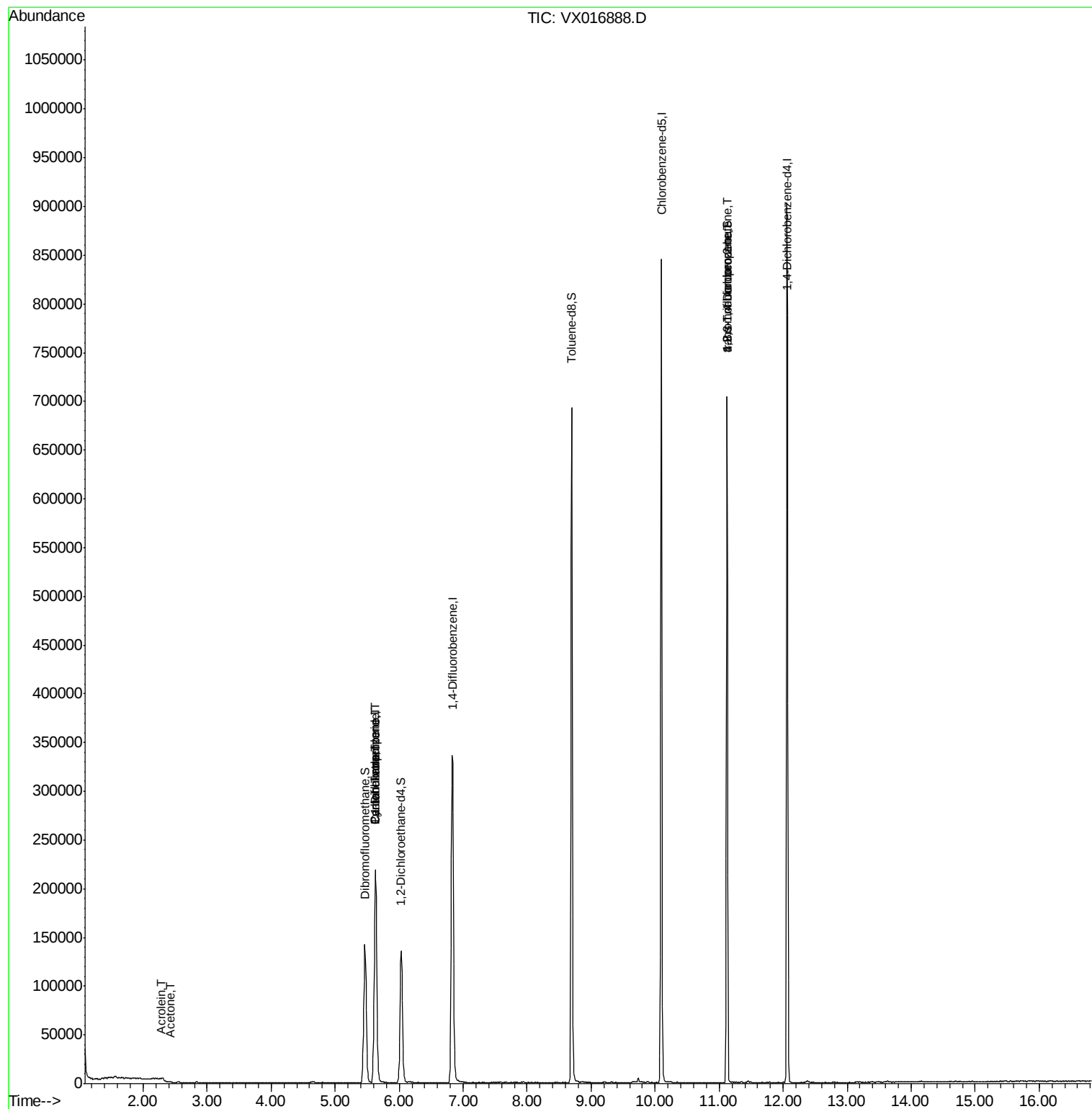
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.28	56	201	0.740	ug/l #	28
16) Acetone	2.42	43	385	0.400	ug/l #	41
31) Cyclohexane	5.62	56	3877	1.183	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	14640	4.408	ug/l #	48
38) Carbon Tetrachloride	5.63	117	21060	5.651	ug/l #	15
76) 1,2,3-Trichloropropane	11.12	75	84153	24.045	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	84153	58.884	ug/l #	14

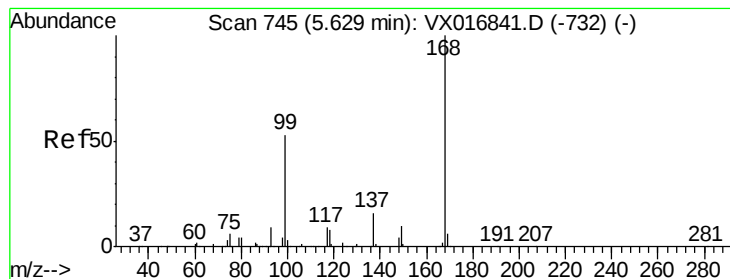
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

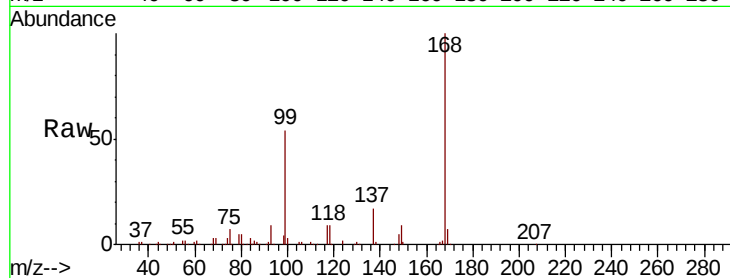
TB-02_061620

Tot Ion:168 Resp: 220298

Ion Ratio Lower Upper

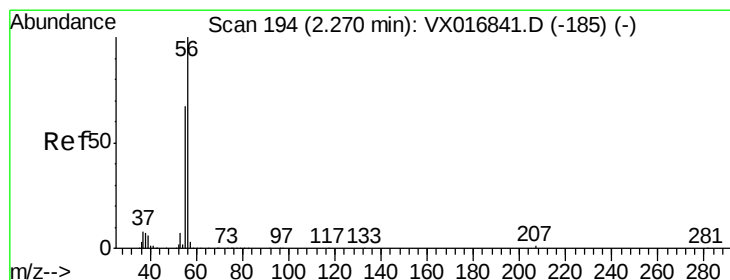
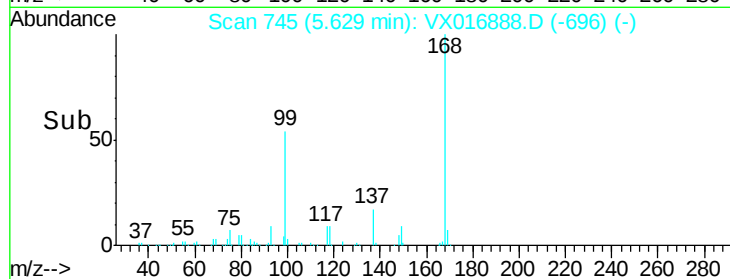
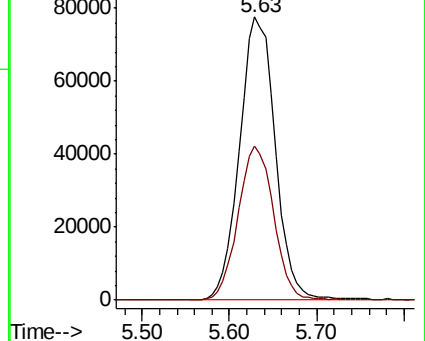
168 100

99 54.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#13

Acrolein

Concen: 0.740 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016888.D

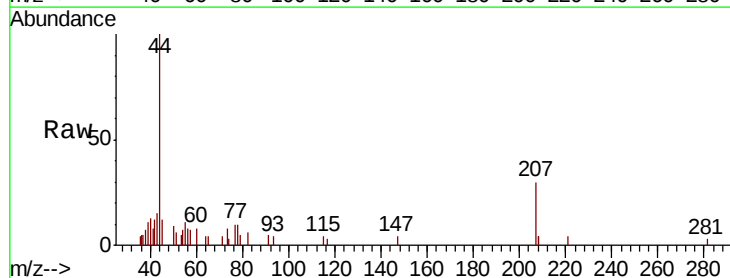
Acq: 19 Jun 2020 18:31

Tgt Ion: 56 Resp: 201

Ion Ratio Lower Upper

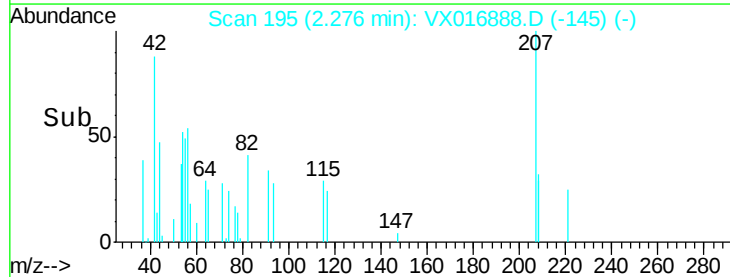
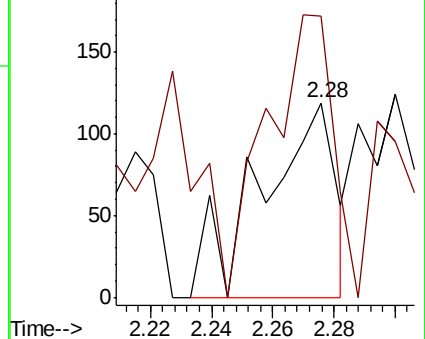
56 100

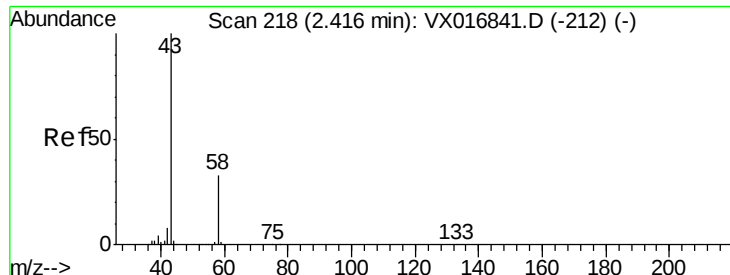
55 128.9 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.400 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

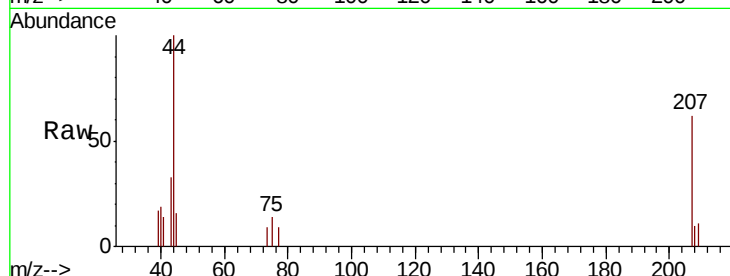
TB-02_061620

Tot Ion: 43 Resp: 385

Ion Ratio Lower Upper

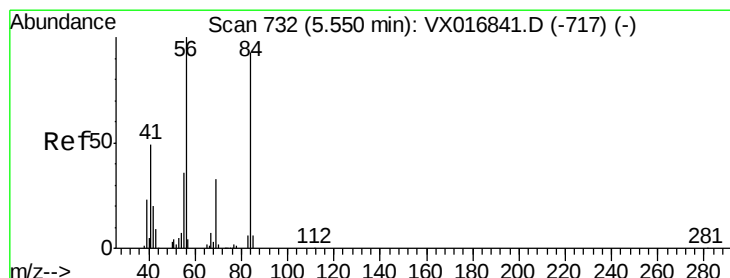
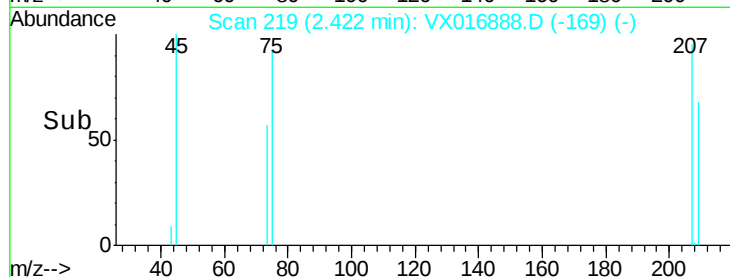
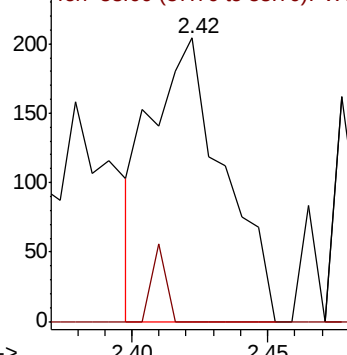
43 100

58 0.0 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#31

Cyclohexane

Concen: 1.183 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.07 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

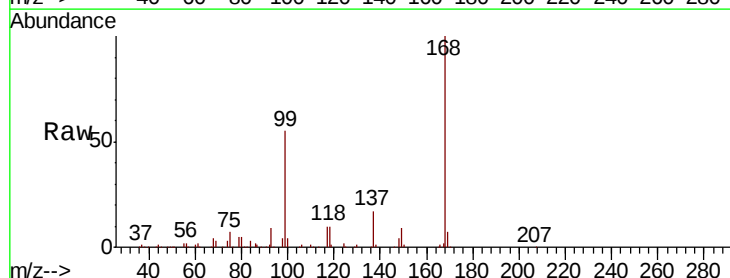
Tgt Ion: 56 Resp: 3877

Ion Ratio Lower Upper

56 100

69 157.7 26.1 39.1#

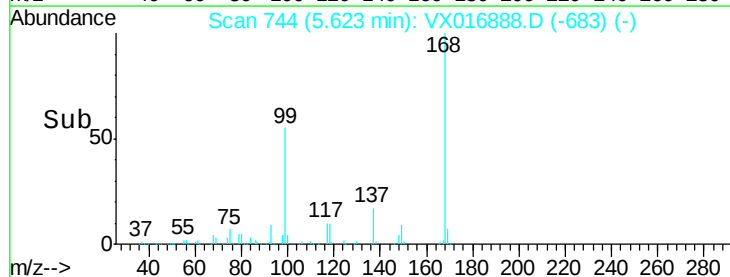
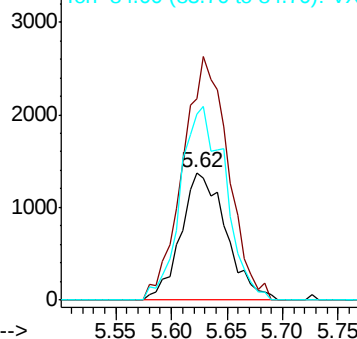
84 145.5 73.0 109.6#

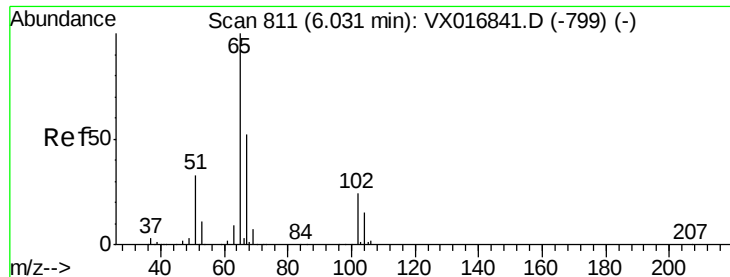


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.820 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampled :

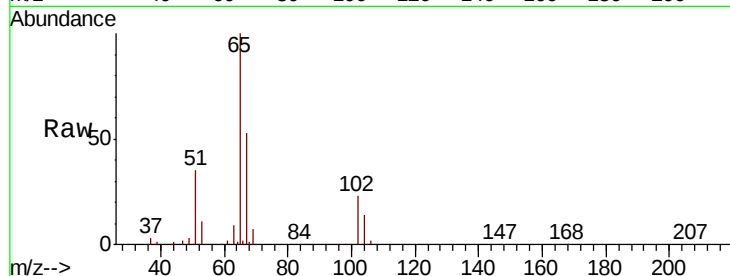
TB-02_061620

Tot Ion: 65 Resp: 131996

Ion Ratio Lower Upper

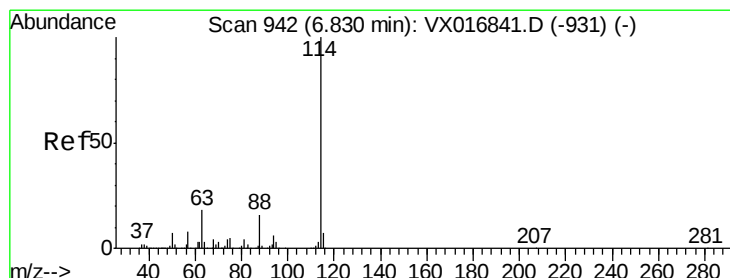
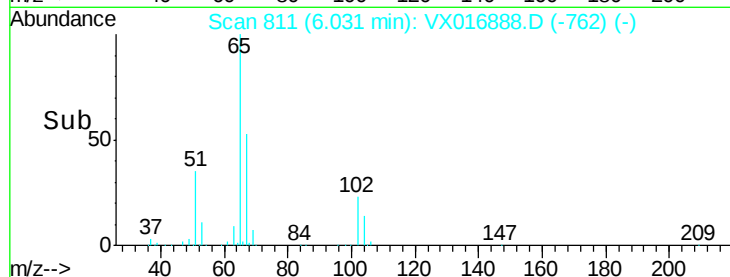
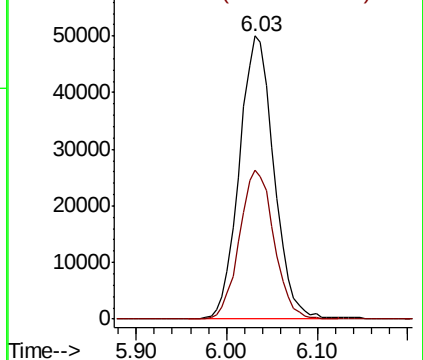
65 100

67 52.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

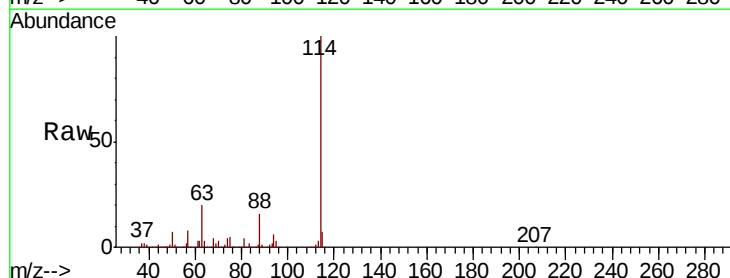
Tgt Ion: 114 Resp: 359732

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.0

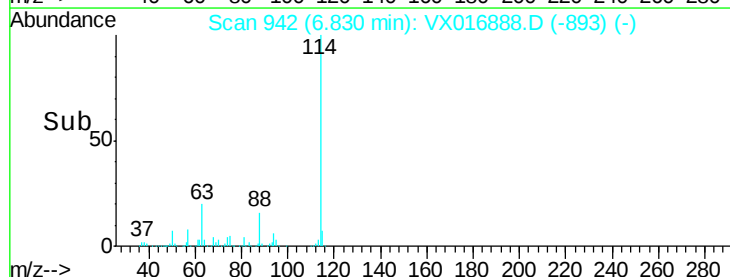
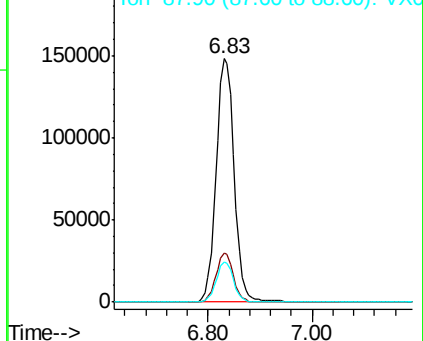
88 16.3 0.0 32.0

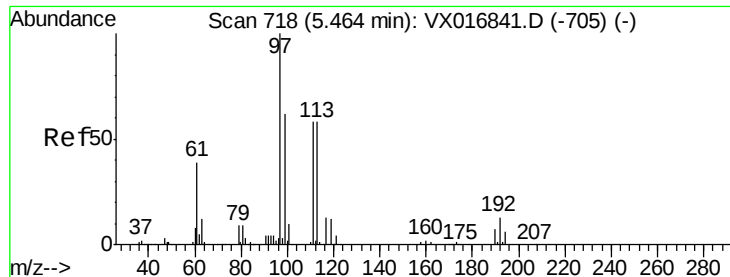


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

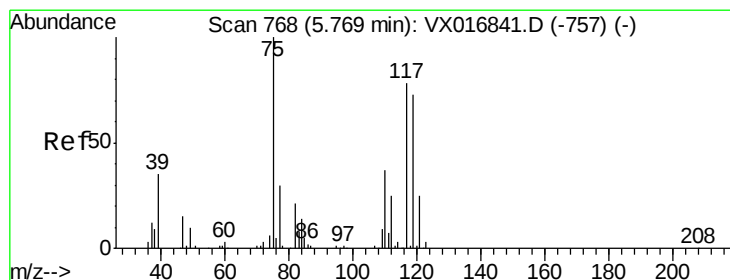
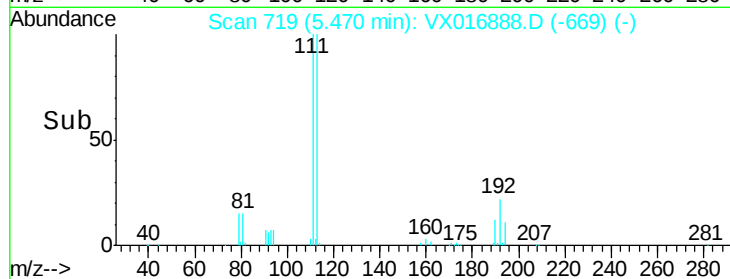
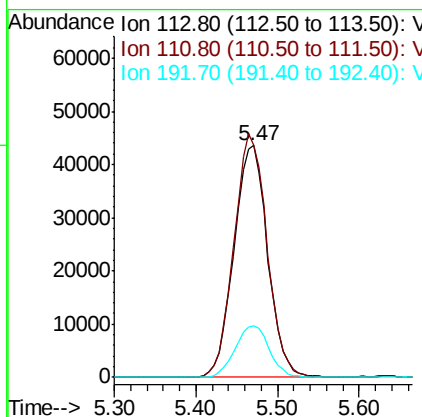
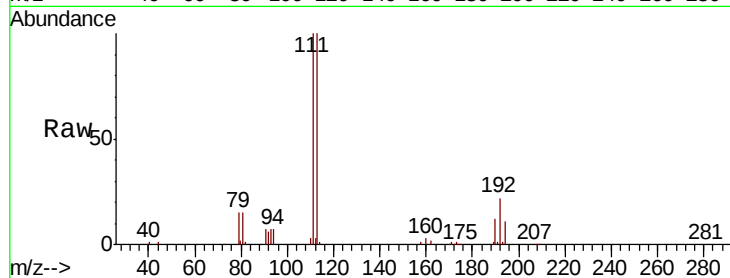




#35
 Dibromofluoromethane
 Concen: 54.202 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016888.D
 Acq: 19 Jun 2020 18:31

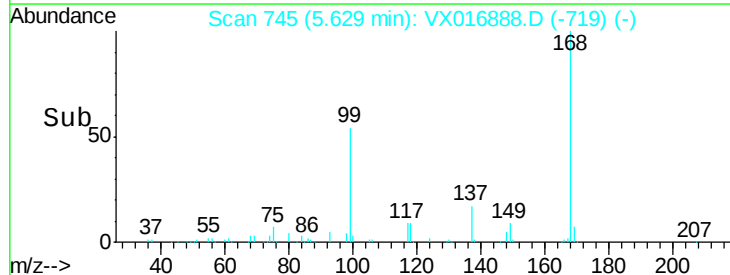
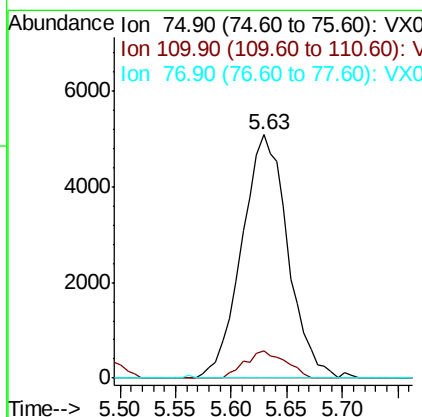
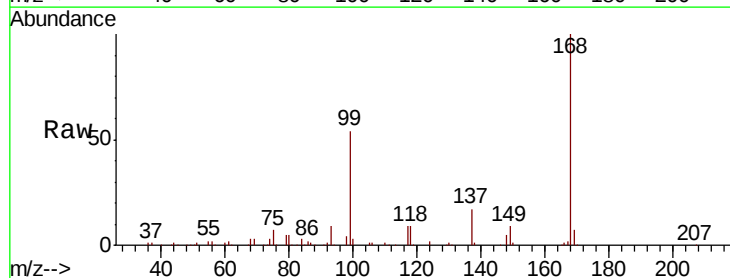
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02_061620

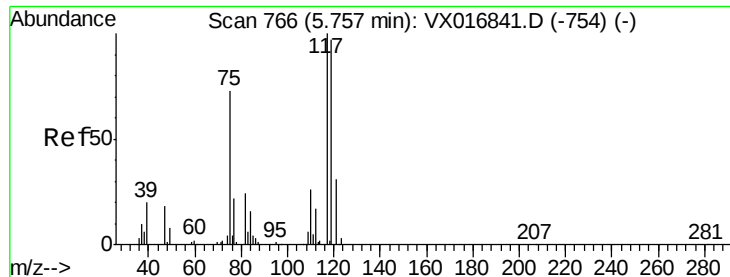
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.0	121.4
192	22.6	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 4.408 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016888.D
 Acq: 19 Jun 2020 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.9	56.9#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 5.651 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

TB-02_061620

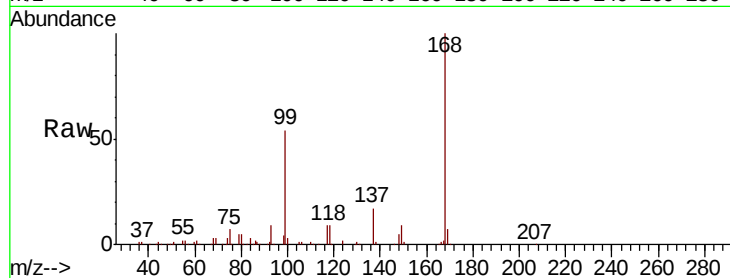
Tot Ion:117 Resp: 21060

Ion Ratio Lower Upper

117 100

119 4.8 77.4 116.2#

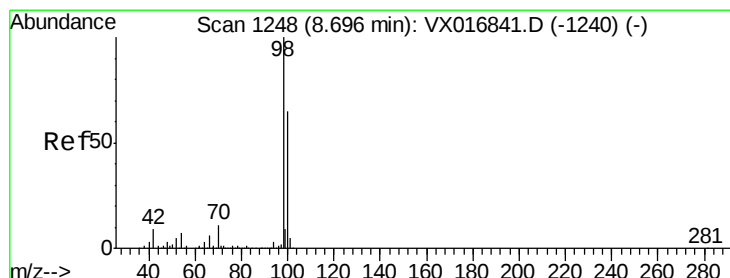
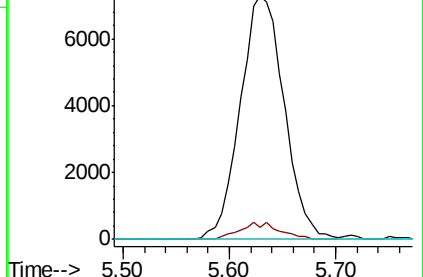
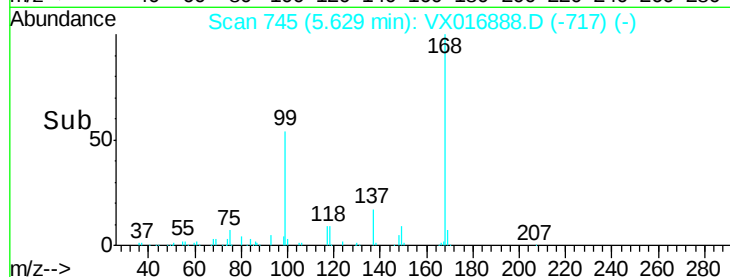
121 0.0 24.7 37.1#



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: 45.434 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016888.D

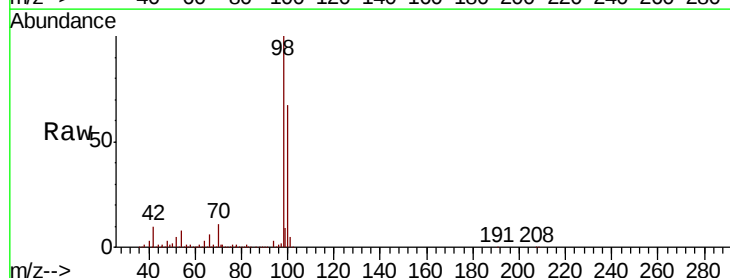
Acq: 19 Jun 2020 18:31

Tgt Ion: 98 Resp: 418303

Ion Ratio Lower Upper

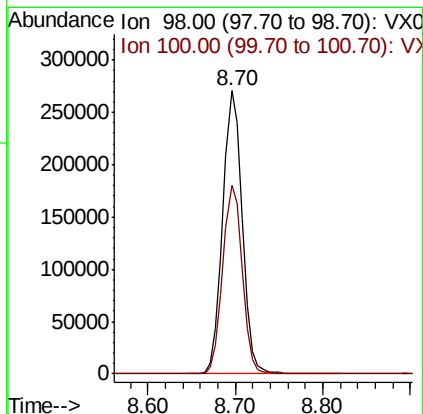
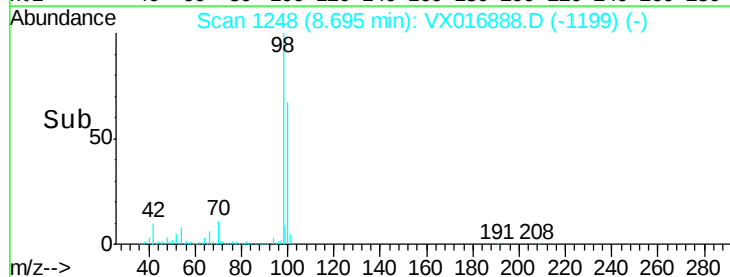
98 100

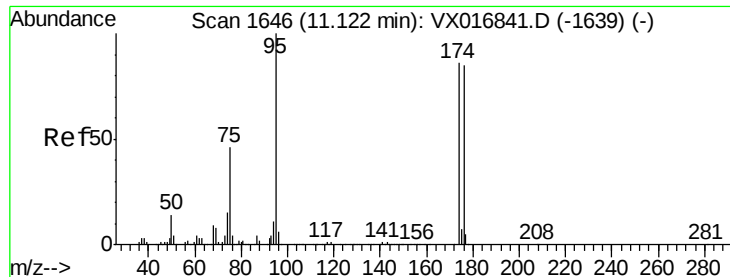
100 67.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.765 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

TB-02_061620

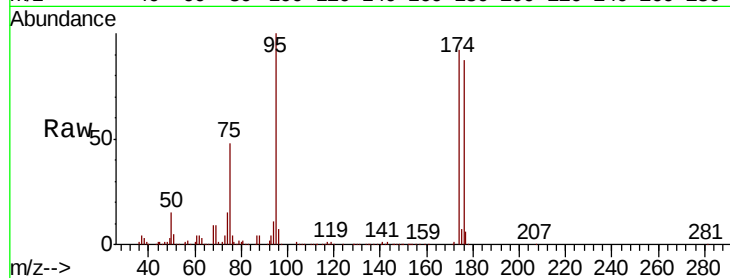
Tot Ion: 95 Resp: 175546

Ion Ratio Lower Upper

95 100

174 88.8 0.0 174.2

176 84.3 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX016888.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016888.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016888.D (-1597) (-)

11.12

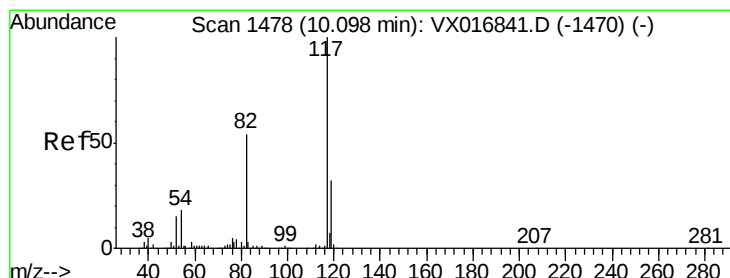
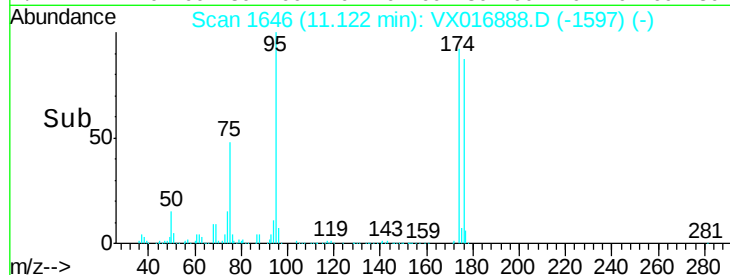
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

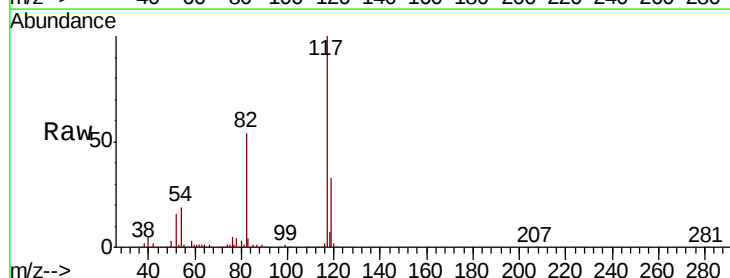
Tgt Ion: 117 Resp: 397217

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 33.1 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VX016888.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016888.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016888.D (-1429) (-)

10.10

400000

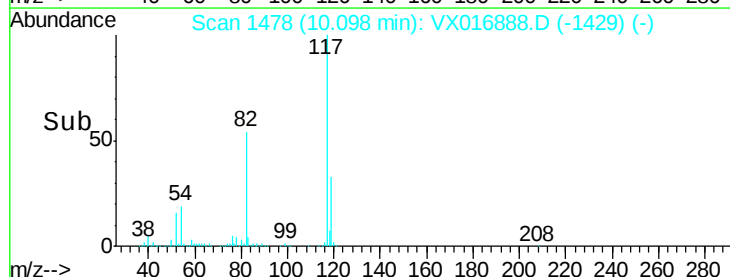
300000

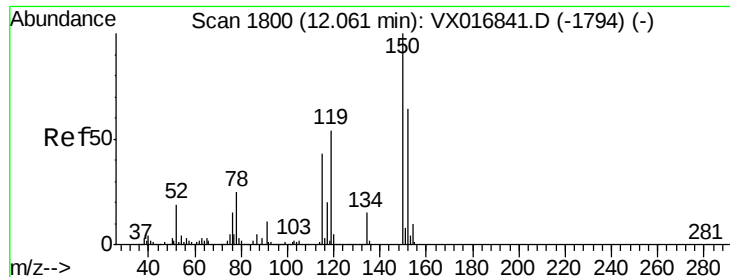
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

TB-02_061620

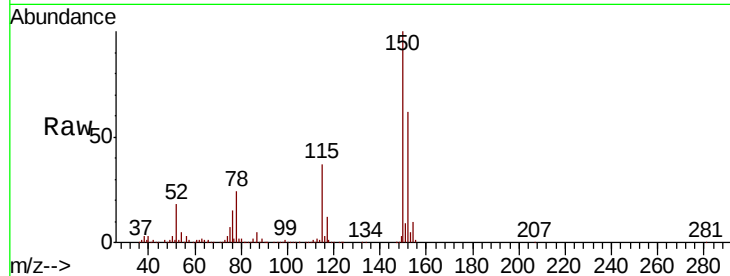
Tot Ion:152 Resp: 191627

Ion Ratio Lower Upper

152 100

115 58.7 40.9 122.8

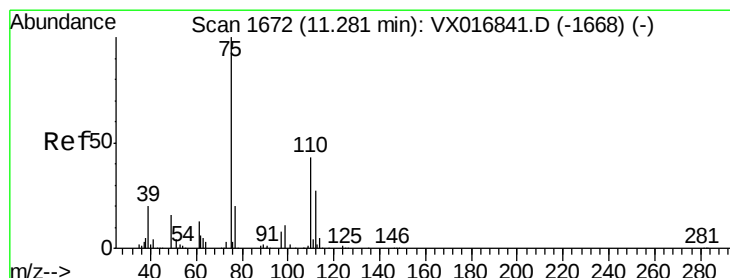
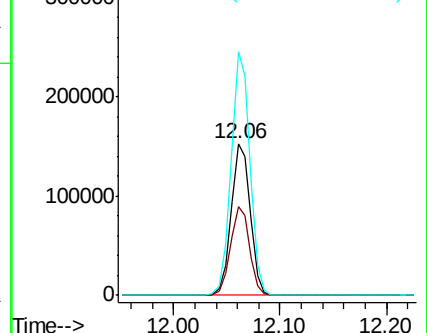
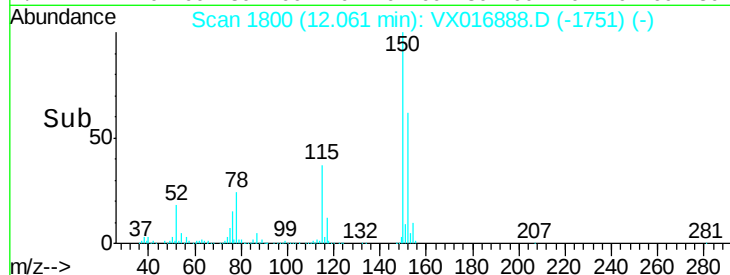
150 158.3 0.0 344.2



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: 24.045 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016888.D

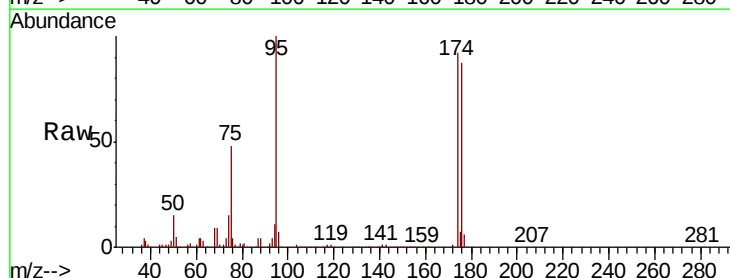
Acq: 19 Jun 2020 18:31

Tgt Ion: 75 Resp: 84153

Ion Ratio Lower Upper

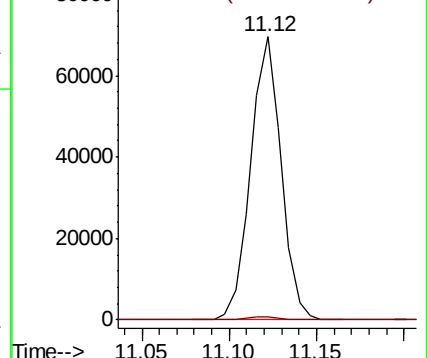
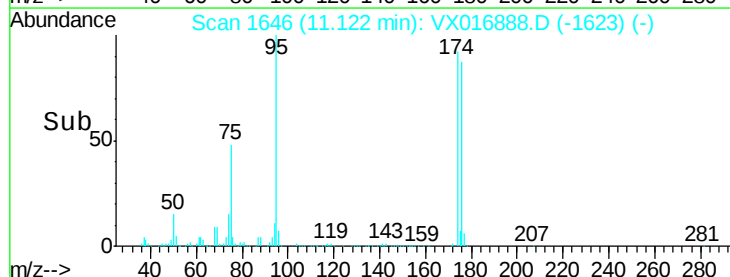
75 100

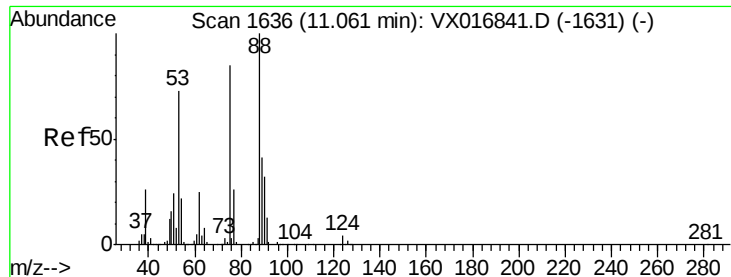
77 1.3 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.884 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016888.D
 Acq: 19 Jun 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02_061620

Tot Ion: 75 Resp: 84153
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.8 104.8#
 89 0.0 38.3 57.5#

