

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016097.D
 Acq On : 07 May 2020 16:26
 Operator : JC/SP
 Sample : L2545-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200505

Quant Time: May 08 02:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	292982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	476417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	468801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243100	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	178884	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
35) Dibromofluoromethane	5.47	113	139490	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
50) Toluene-d8	8.70	98	589019	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.12	95	240185	54.30	ug/l	0.00
Spiked Amount			Recovery	=	108.60%	

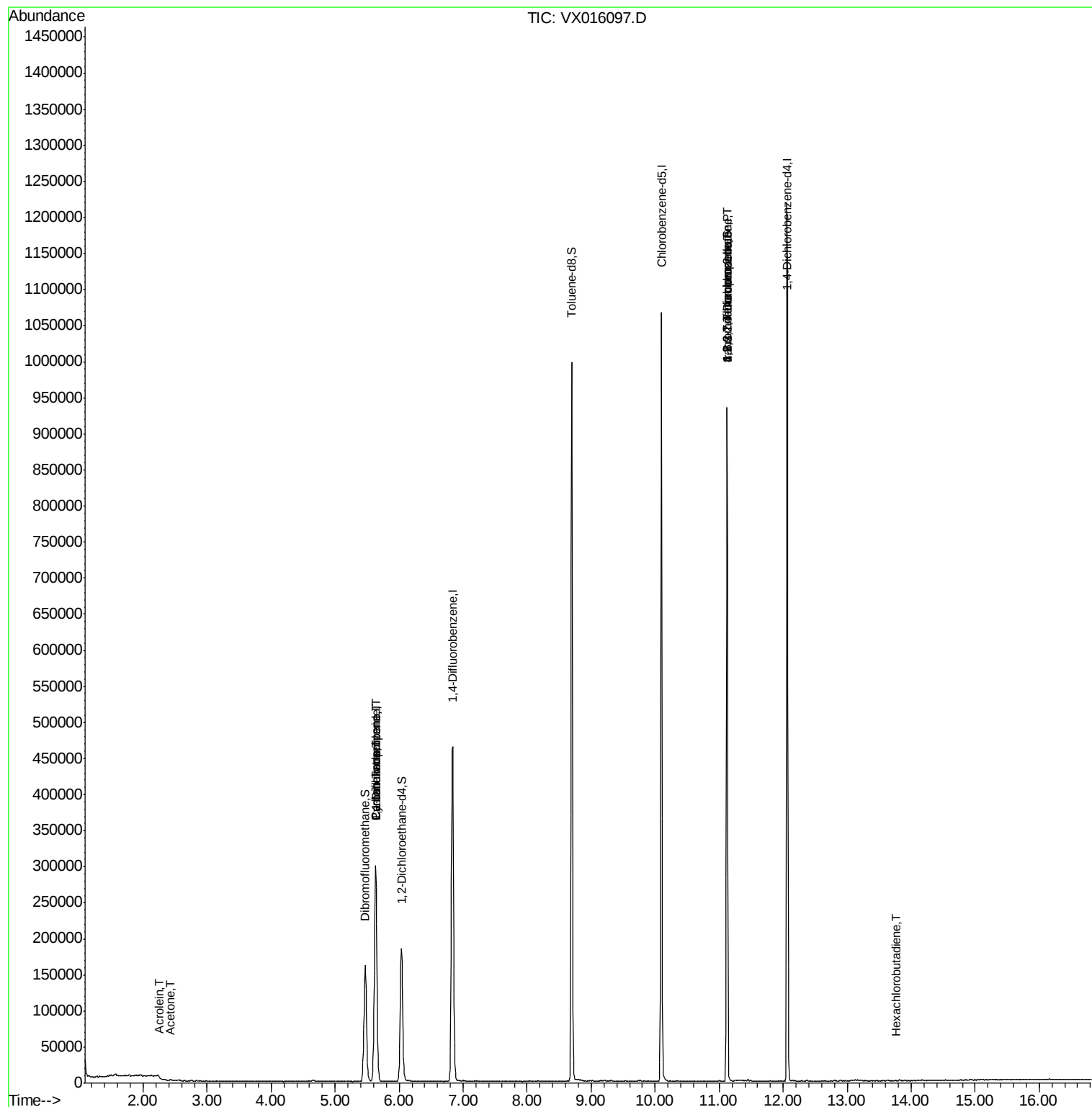
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.26	56	452	0.741	ug/l #	78
16) Acetone	2.42	43	720	0.419	ug/l #	43
17) Carbon Disulfide	2.56	76	1423	Below Cal	#	93
31) Cyclohexane	5.63	56	5838	1.090	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	21914	4.673	ug/l #	49
38) Carbon Tetrachloride	5.63	117	28035	5.881	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	11.12	83	225	2.117	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	120414	21.828	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	120414	52.018	ug/l #	13
94) Hexachlorobutadiene	13.77	225	79	0.555	ug/l #	18

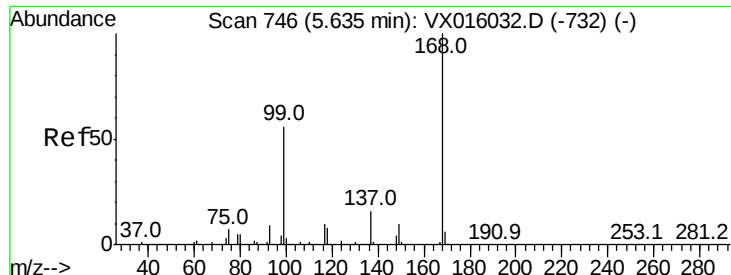
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\
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Acq On : 07 May 2020 16:26
Operator : JC/SP
Sample : L2545-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TB-01-200505

Quant Time: May 08 02:05:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

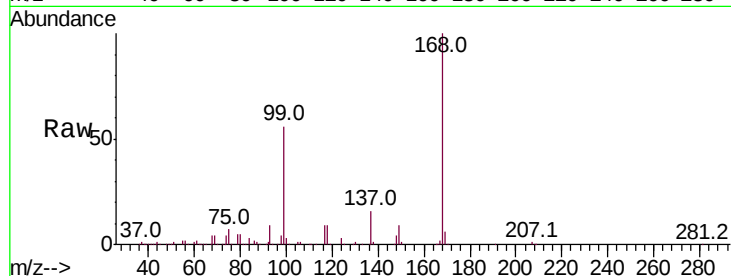
TB-01-200505

Tot Ion:168 Resp: 292982

Ion Ratio Lower Upper

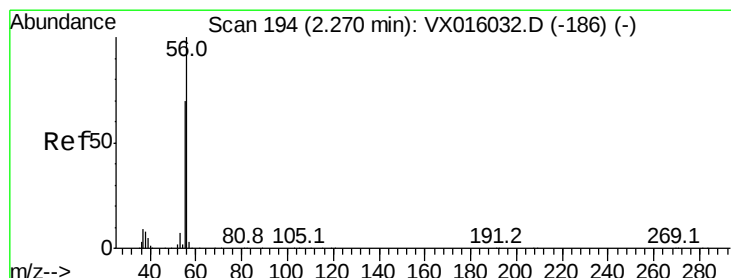
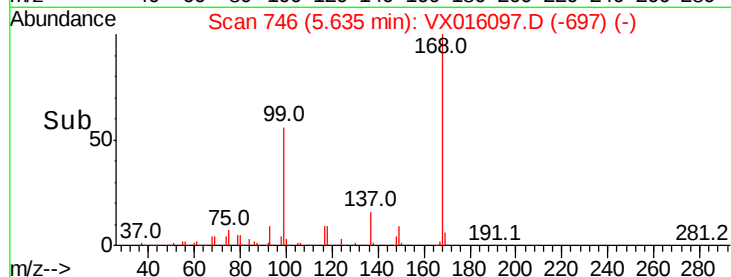
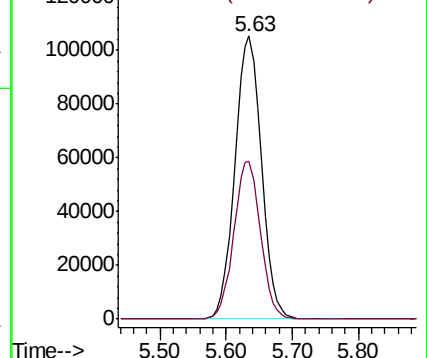
168 100

99 55.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#13

Acrolein

Concen: 0.741 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX016097.D

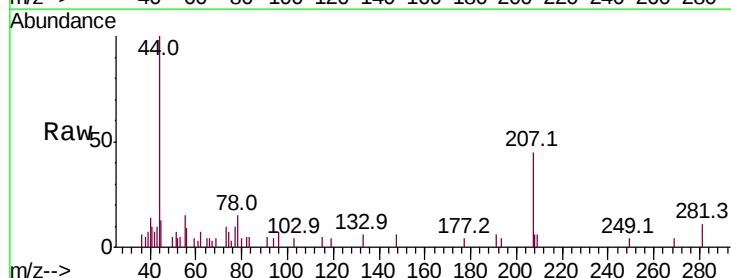
Acq: 07 May 2020 16:26

Tgt Ion: 56 Resp: 452

Ion Ratio Lower Upper

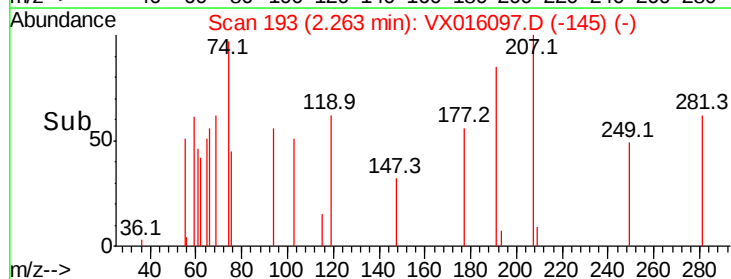
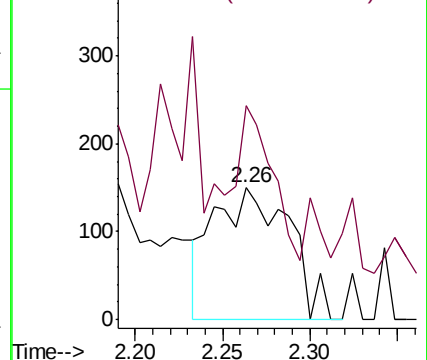
56 100

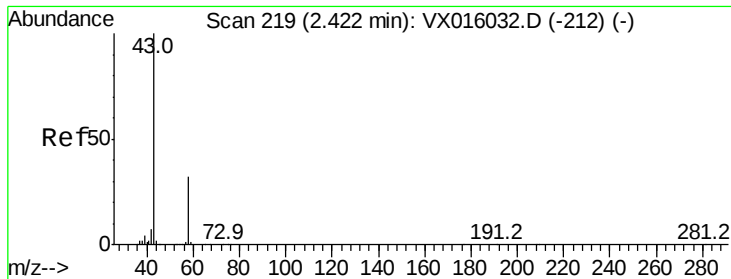
55 52.2 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.419 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

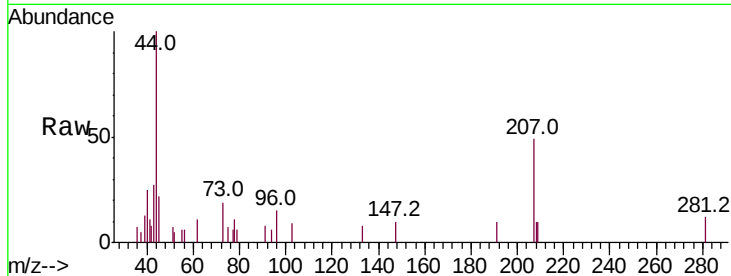
TB-01-200505

Tot Ion: 43 Resp: 720

Ion Ratio Lower Upper

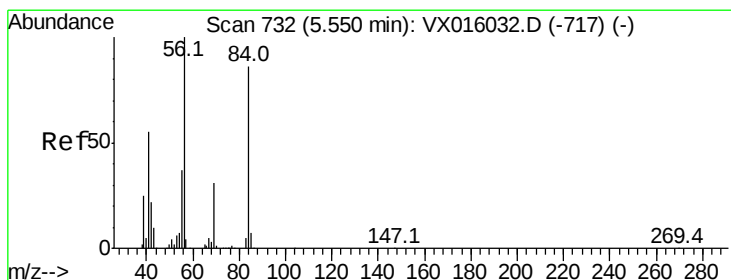
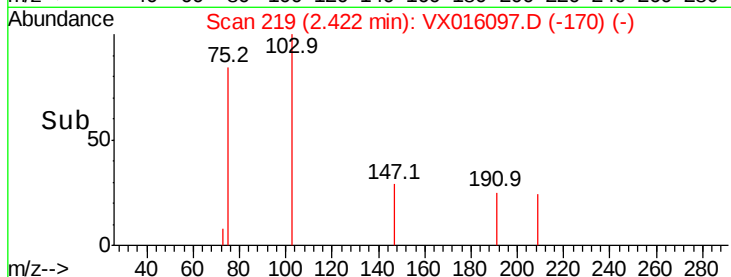
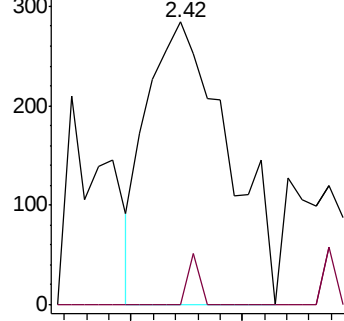
43 100

58 0.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#31

Cyclohexane

Concen: 1.090 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.08 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

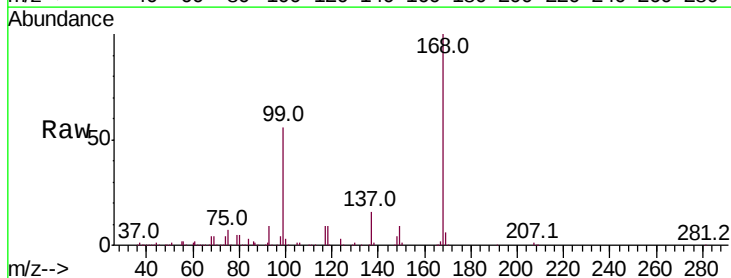
Tgt Ion: 56 Resp: 5838

Ion Ratio Lower Upper

56 100

69 193.2 25.0 37.6#

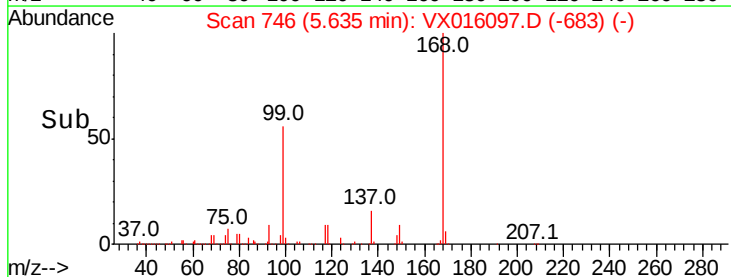
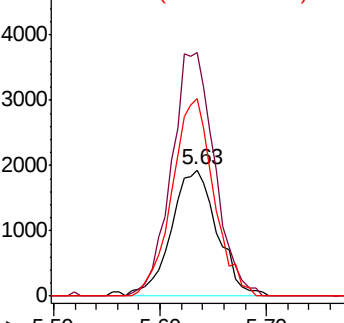
84 157.2 69.0 103.6#

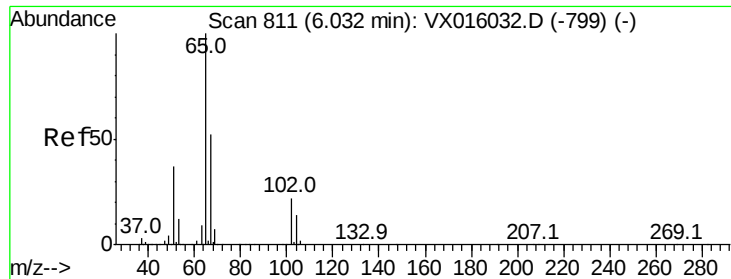


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.399 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

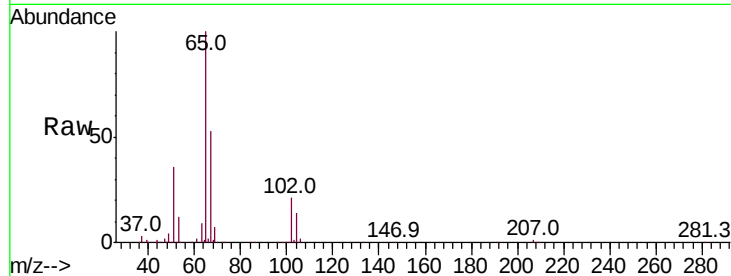
TB-01-200505

Tot Ion: 65 Resp: 178884

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

60000

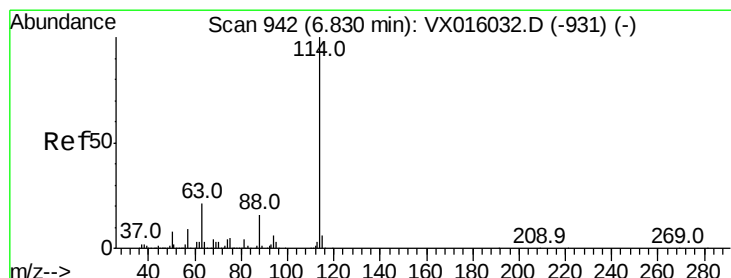
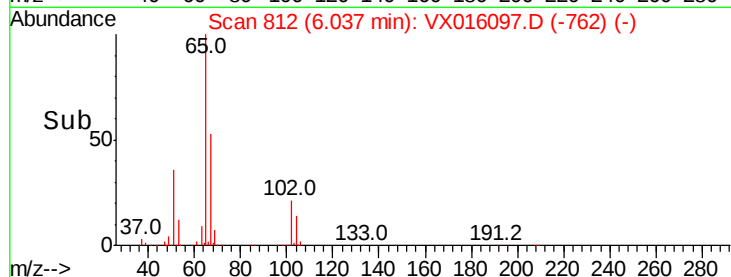
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

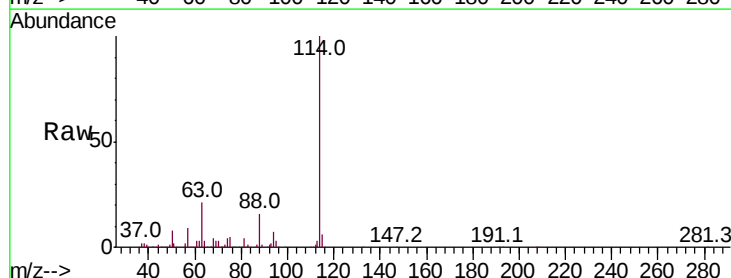
Tgt Ion: 114 Resp: 476417

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 16.1 0.0 31.4



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

250000

200000

150000

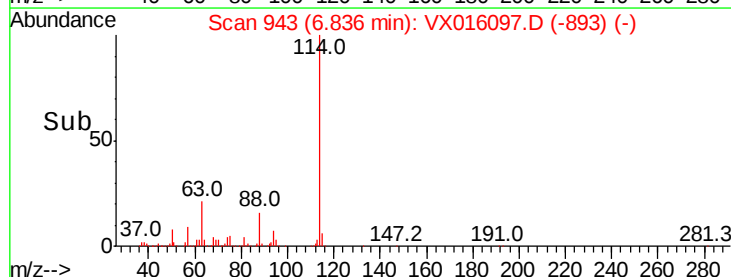
100000

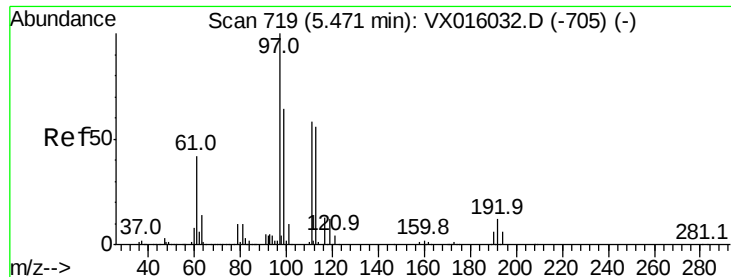
50000

0

Time-->

6.70 6.80 6.90 7.00

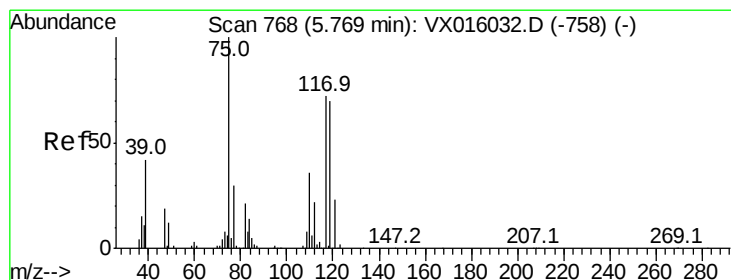
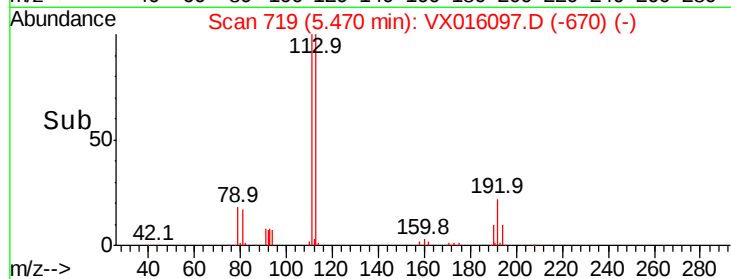
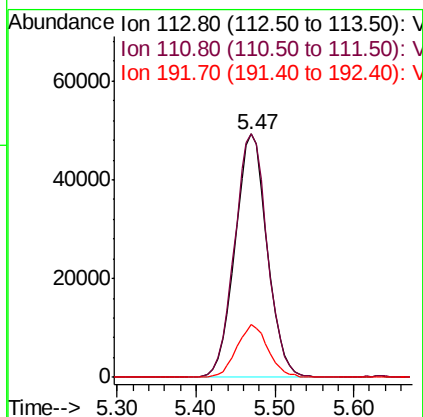
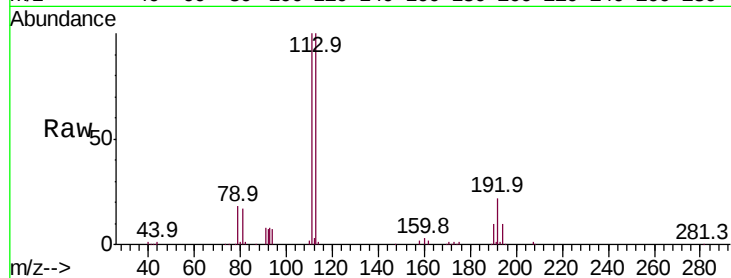




#35
 Dibromofluoromethane
 Concen: 46.215 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016097.D
 Acq: 07 May 2020 16:26

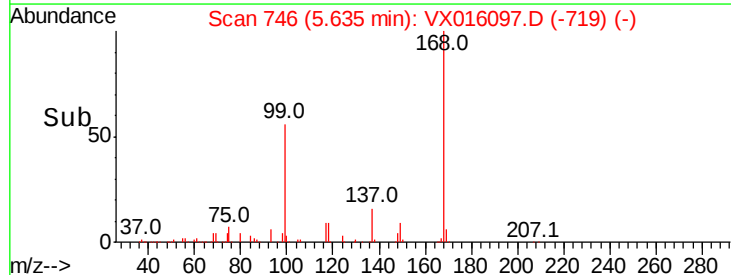
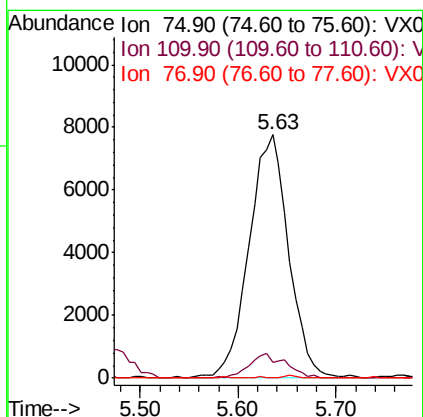
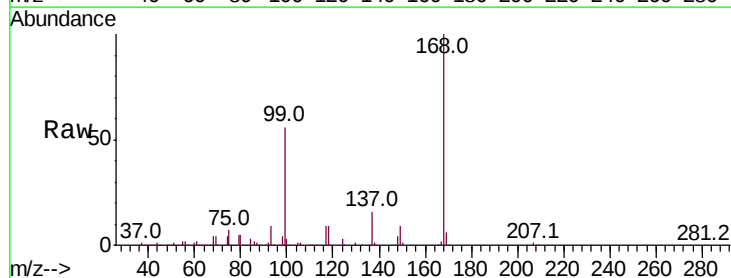
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200505

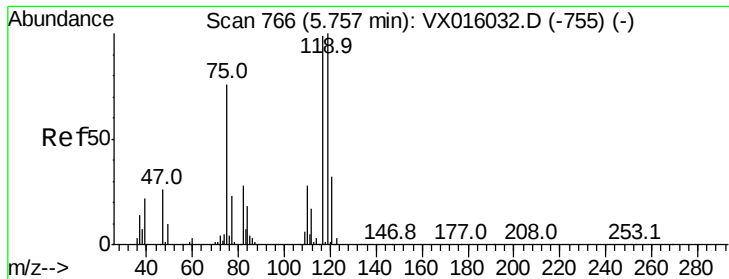
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	21.4	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.673 ug/l
 RT: 5.63 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016097.D
 Acq: 07 May 2020 16:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.1	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.881 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200505

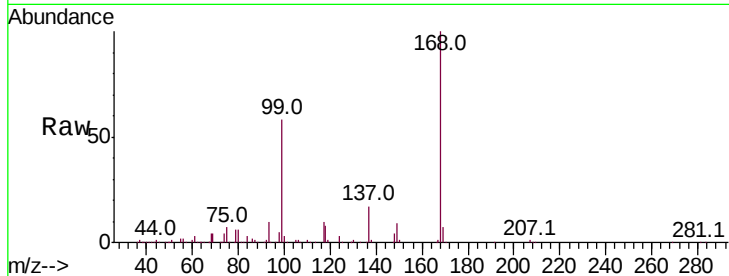
Tot Ion:117 Resp: 28035

Ion Ratio Lower Upper

117 100

119 5.2 80.3 120.5#

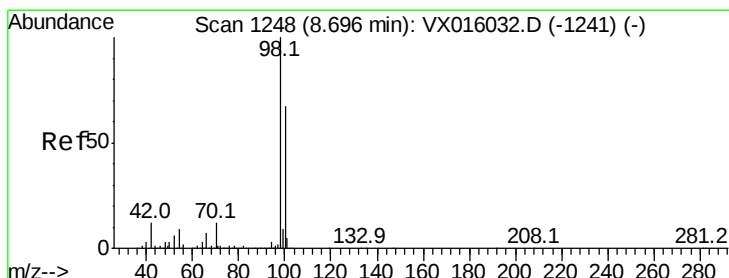
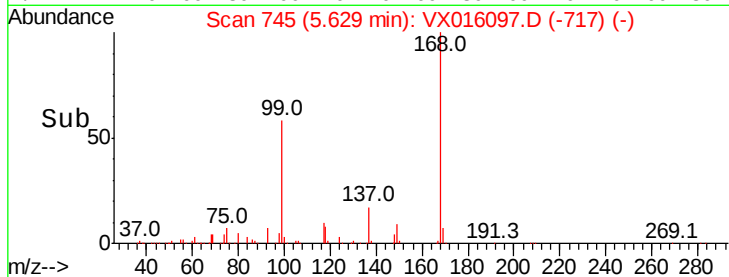
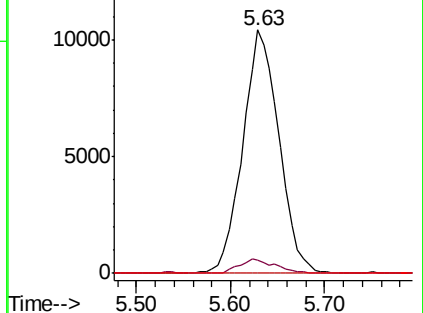
121 0.0 25.7 38.5#



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: 50.648 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016097.D

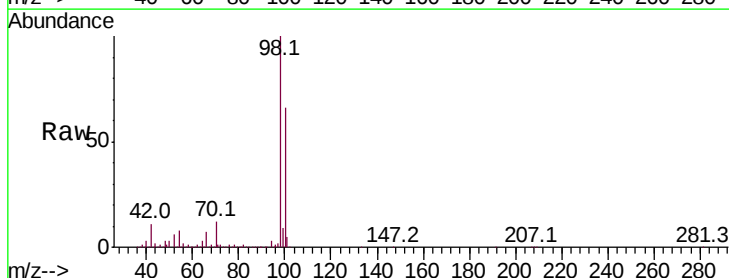
Acq: 07 May 2020 16:26

Tgt Ion: 98 Resp: 589019

Ion Ratio Lower Upper

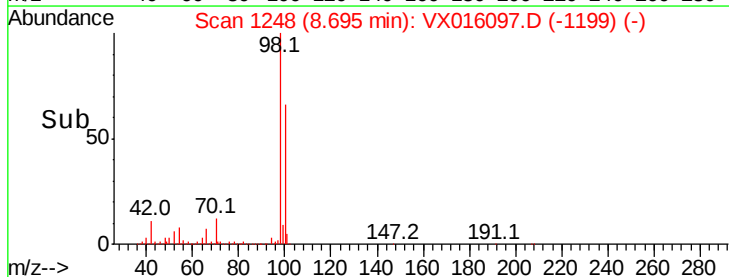
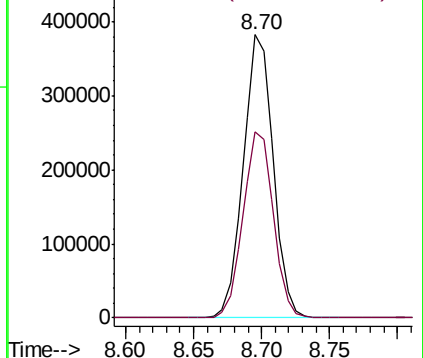
98 100

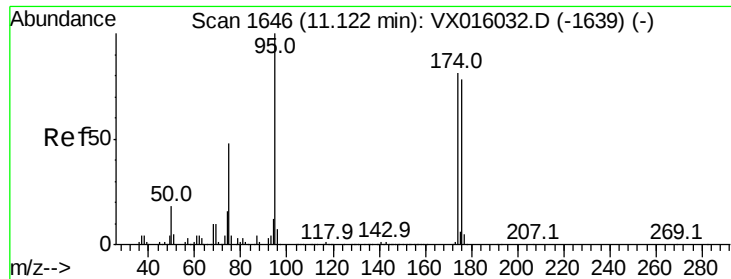
100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.299 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

Instrument :

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ClientSampleId :

TB-01-200505

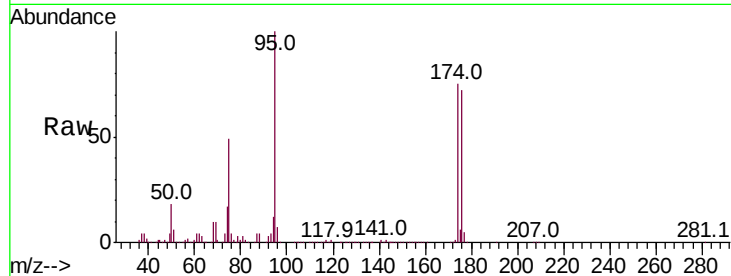
Tot Ion: 95 Resp: 240185

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.4

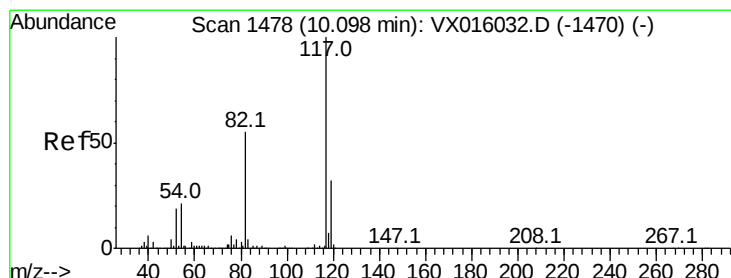
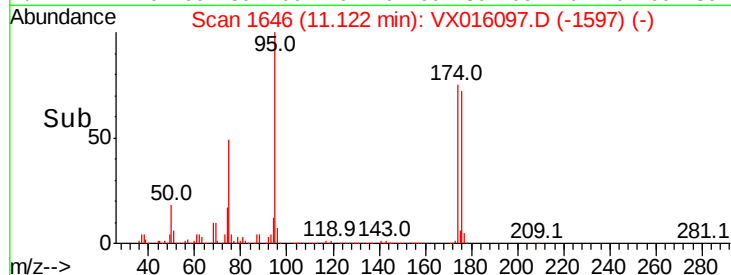
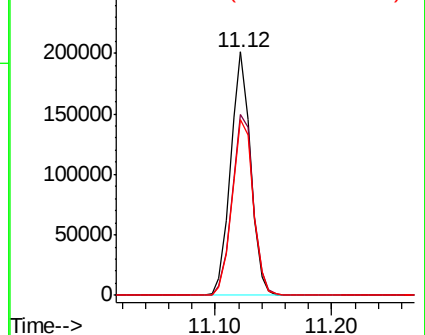
176 76.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

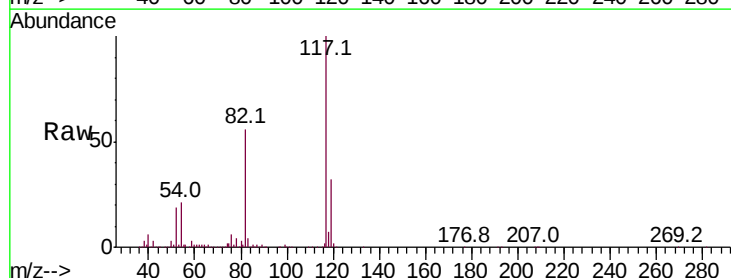
Tgt Ion: 117 Resp: 468801

Ion Ratio Lower Upper

117 100

82 56.4 44.4 66.6

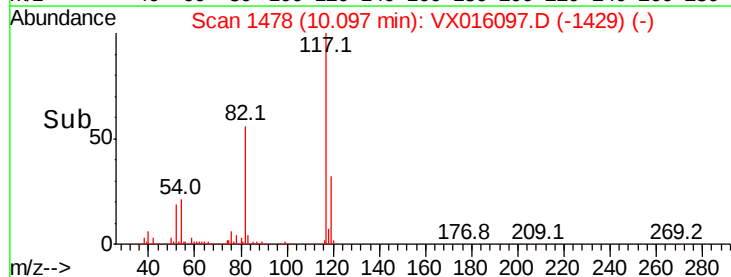
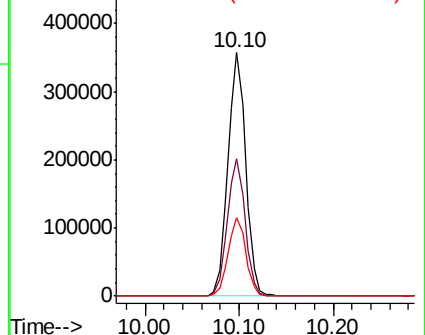
119 32.2 25.5 38.3

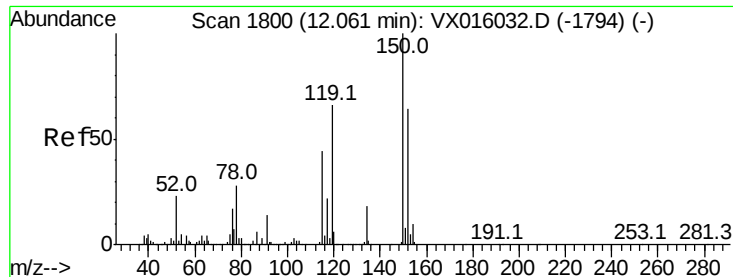


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200505

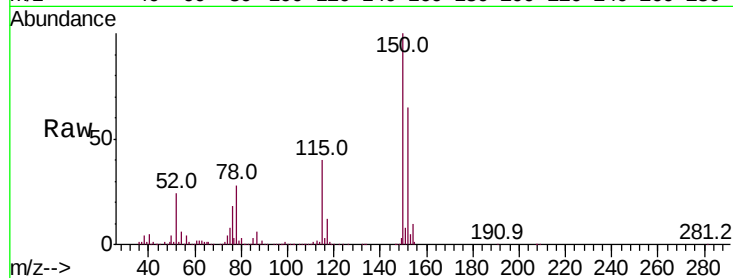
Tot Ion:152 Resp: 243100

Ion Ratio Lower Upper

152 100

115 59.5 41.3 124.1

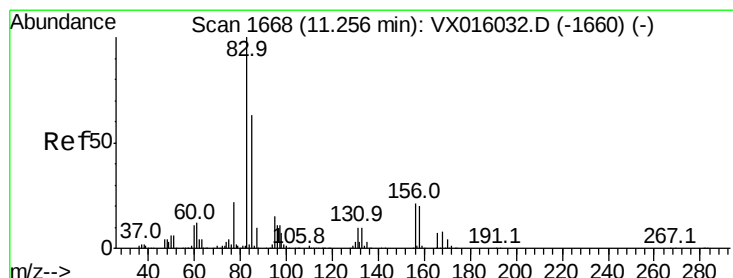
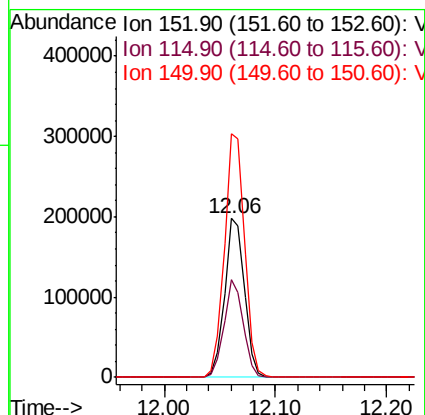
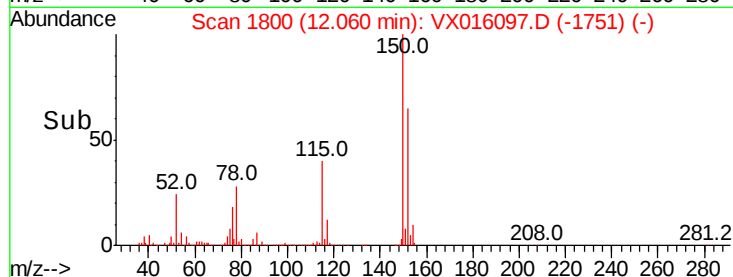
150 155.9 0.0 352.2



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



#75

1,1,2,2-Tetrachloroethane

Concen: 2.117 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

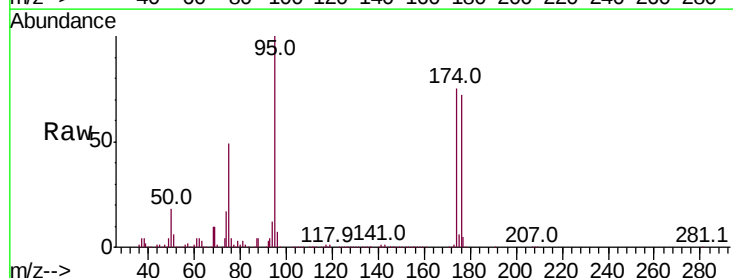
Tgt Ion: 83 Resp: 225

Ion Ratio Lower Upper

83 100

131 158.7 5.1 15.4#

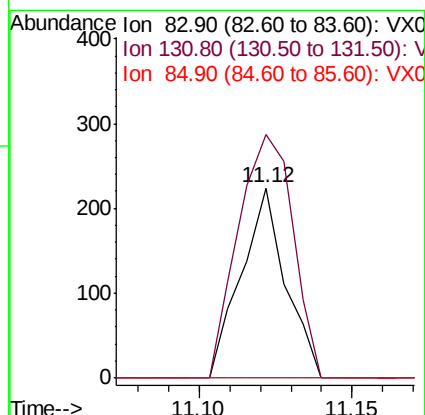
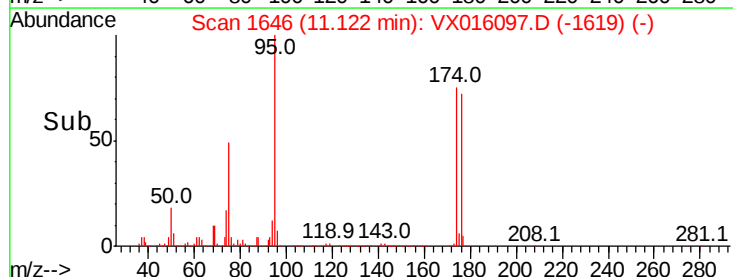
85 0.0 32.0 96.0#

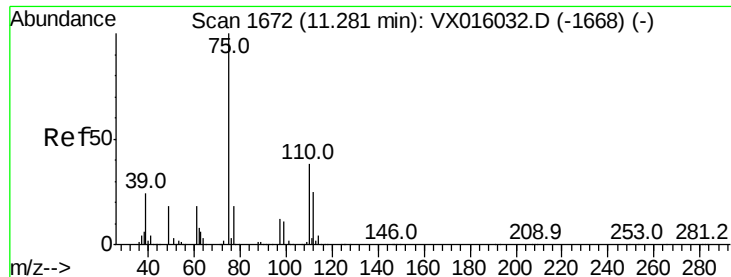


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.828 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

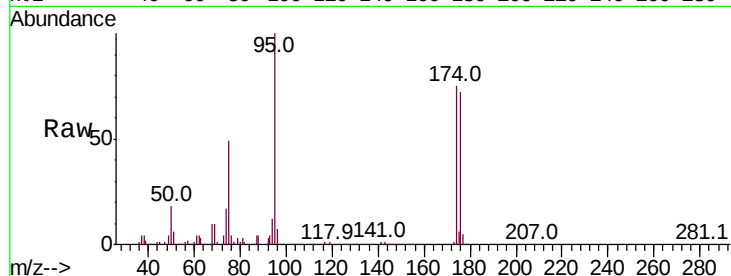
TB-01-200505

Tot Ion: 75 Resp: 120414

Ion Ratio Lower Upper

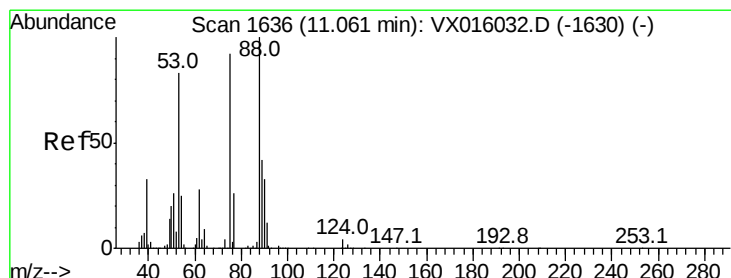
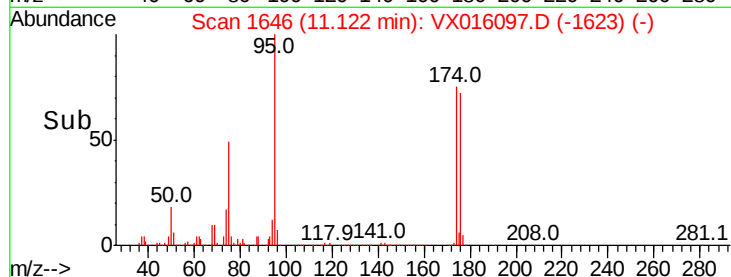
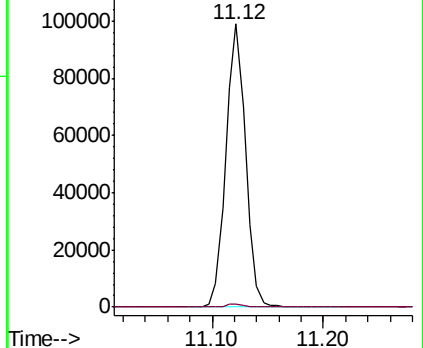
75 100

77 1.3 21.2 63.6#



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: 52.018 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016097.D

Acq: 07 May 2020 16:26

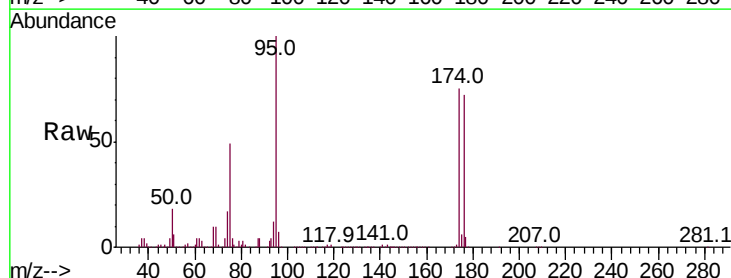
Tgt Ion: 75 Resp: 120414

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

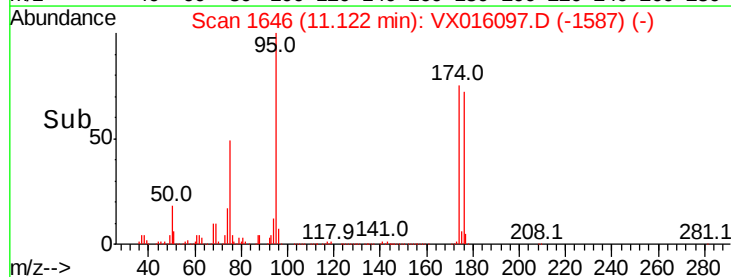
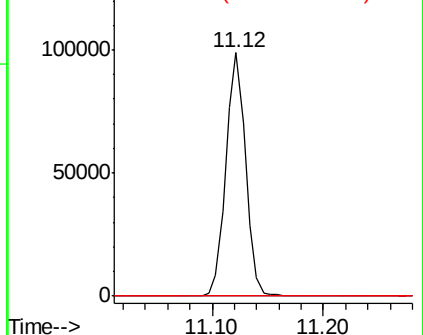
89 0.0 36.7 55.1#

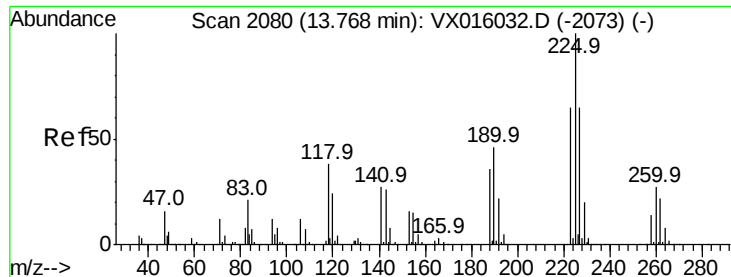


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#94
 Hexachlorobutadiene
 Concen: 0.555 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016097.D
 Acq: 07 May 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200505

Tot Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.3	96.9#
227	0.0	31.8	95.4#

