

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016373.D
 Acq On : 20 May 2020 20:09
 Operator : JC/SP
 Sample : L2708-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 21 03:55:45 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	5.64	168	238811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	395361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192929	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	139928	44.53	ug/l	0.00
Spiked Amount			Recovery	=	89.06%	
35) Dibromofluoromethane	5.47	113	115016	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
50) Toluene-d8	8.70	98	490582	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.12	95	196511	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	

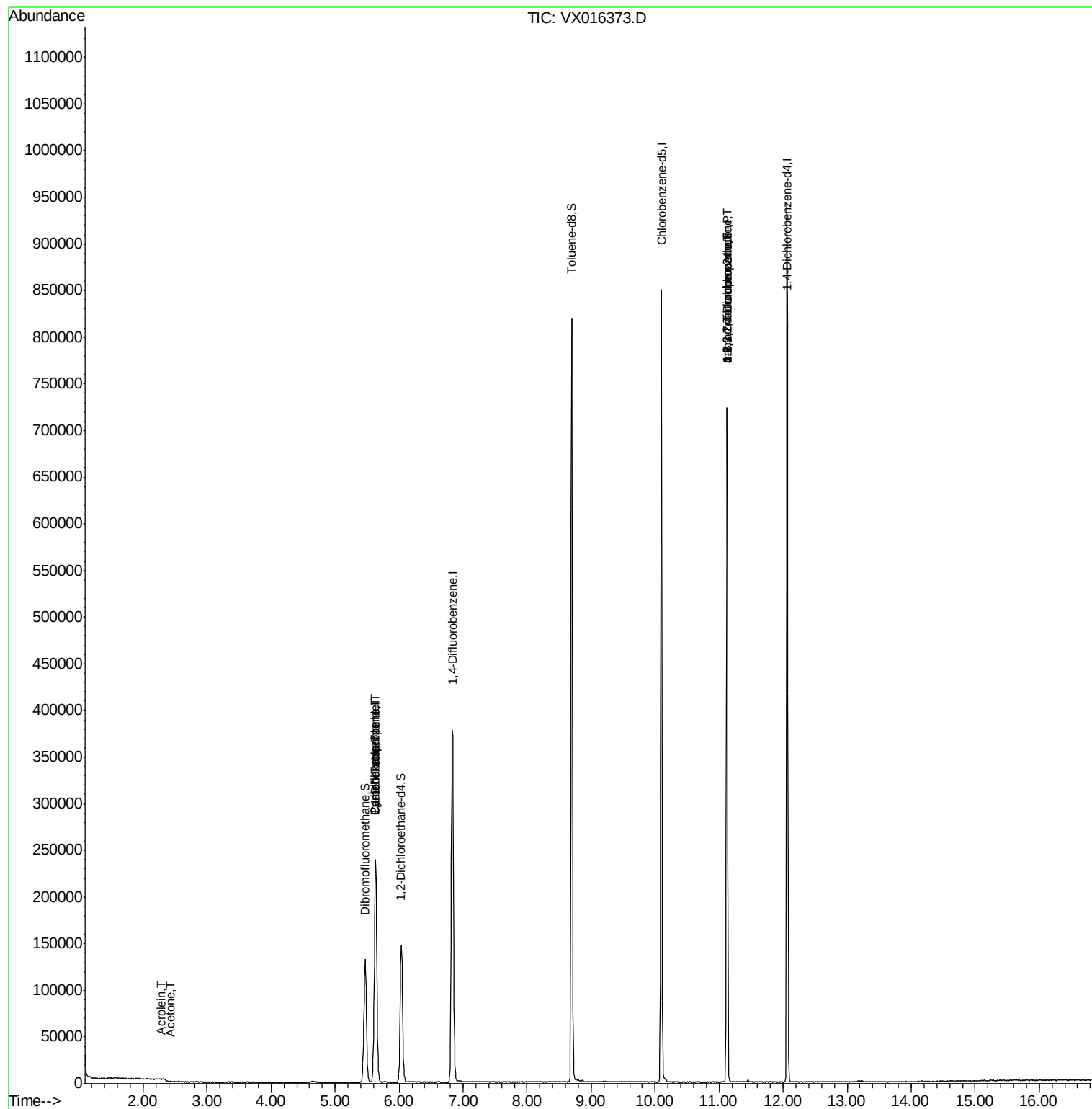
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.29	56	222	0.446	ug/l #	22
16) Acetone	2.42	43	347	0.247	ug/l	92
17) Carbon Disulfide	2.55	76	752	Below Cal	#	93
31) Cyclohexane	5.62	56	4223	0.967	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	17174	4.413	ug/l #	49
38) Carbon Tetrachloride	5.63	117	22163	5.603	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	11.12	83	98	2.086	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	93783	21.421	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	93783	51.049	ug/l #	13

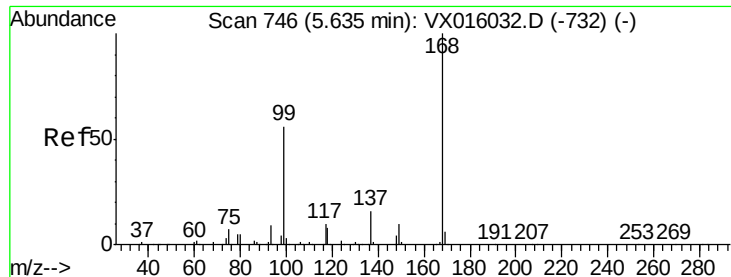
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

Instrument :

MSVOA_X

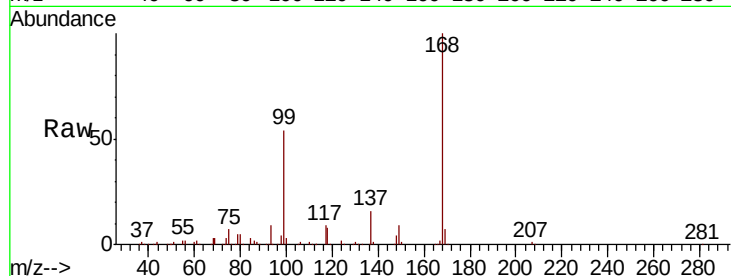
ClientSampleId :

Tot Ion:168 Resp: 238811

Ion Ratio Lower Upper

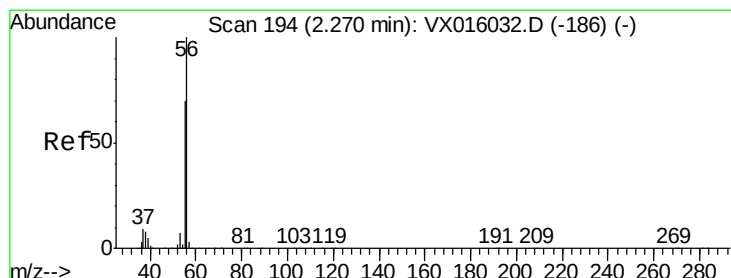
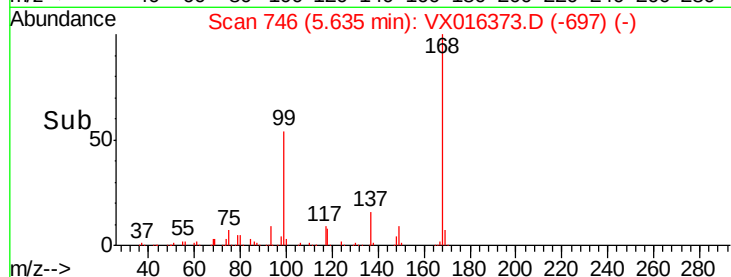
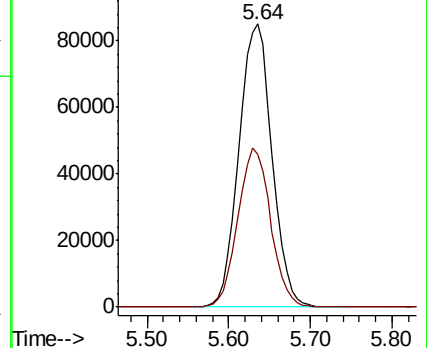
168 100

99 54.2 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: 0.446 ug/l

RT: 2.29 min Scan# 198

Delta R.T. 0.02 min

Lab File: VX016373.D

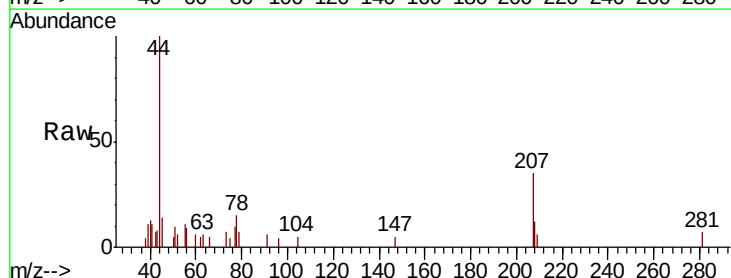
Acq: 20 May 2020 20:09

Tgt Ion: 56 Resp: 222

Ion Ratio Lower Upper

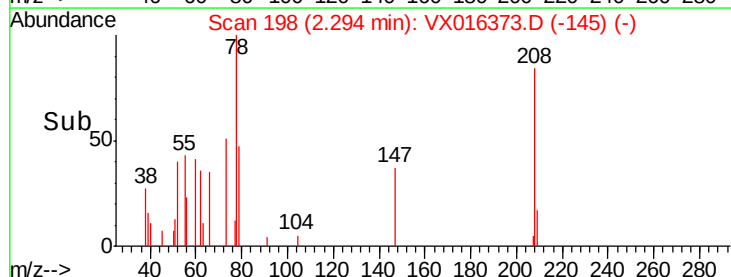
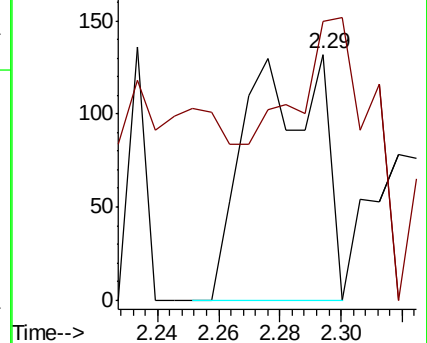
56 100

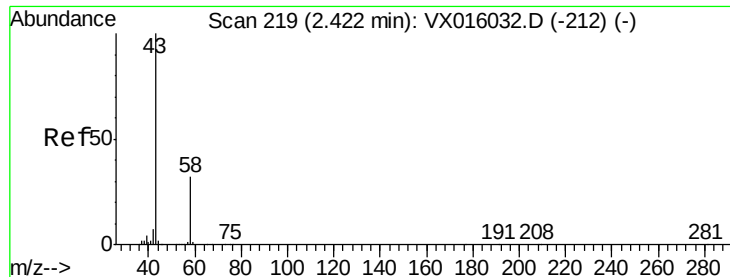
55 134.7 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.247 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

Instrument :

MSVOA_X

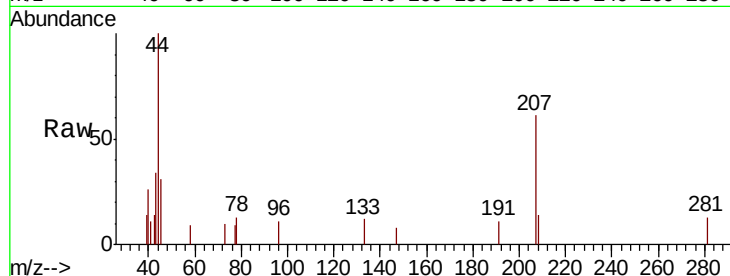
ClientSampled :

Tot Ion: 43 Resp: 347

Ion Ratio Lower Upper

43 100

58 27.2 25.4 38.0



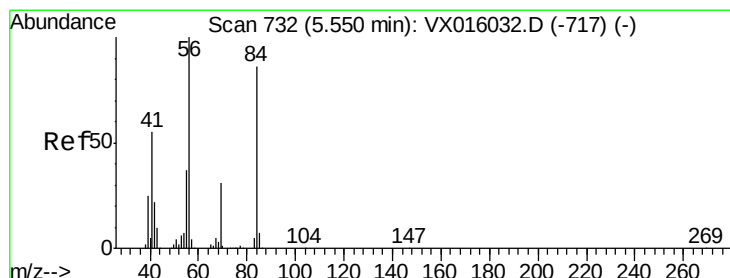
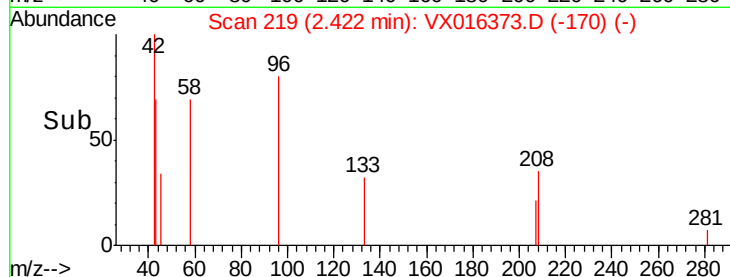
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2.40 2.42 2.44 2.46

Time-->



#31

Cyclohexane

Concen: 0.967 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.07 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

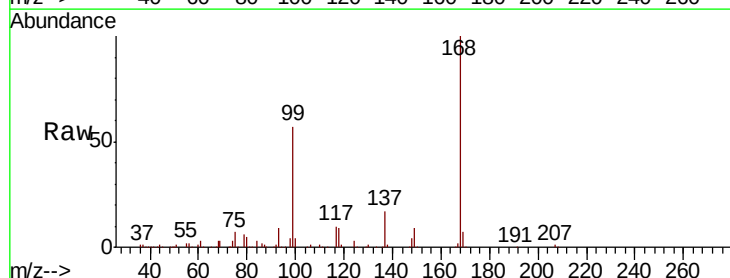
Tgt Ion: 56 Resp: 4223

Ion Ratio Lower Upper

56 100

69 172.8 25.0 37.6#

84 146.6 69.0 103.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

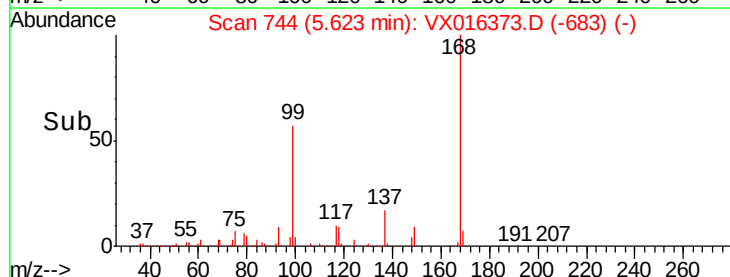
Ion 69.00 (68.70 to 69.70): VX0

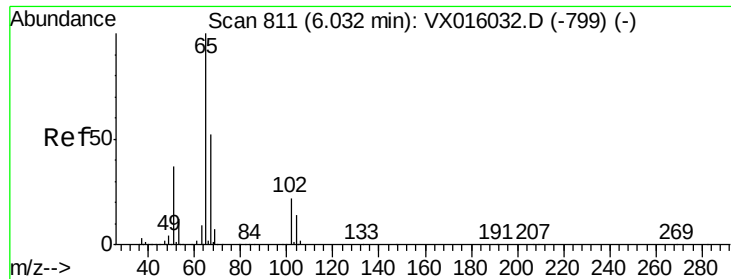
Ion 84.00 (83.70 to 84.70): VX0

5.62

5.55 5.60 5.65 5.70

Time-->

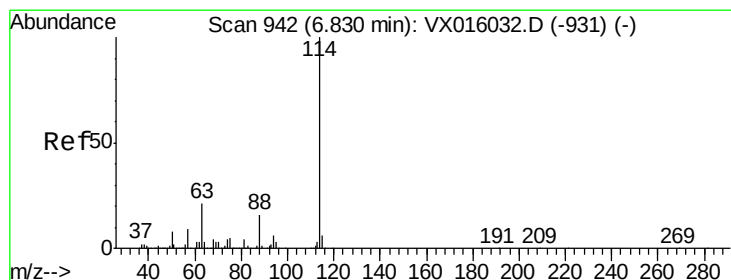
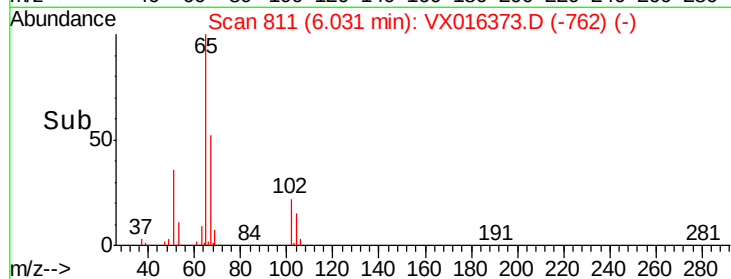
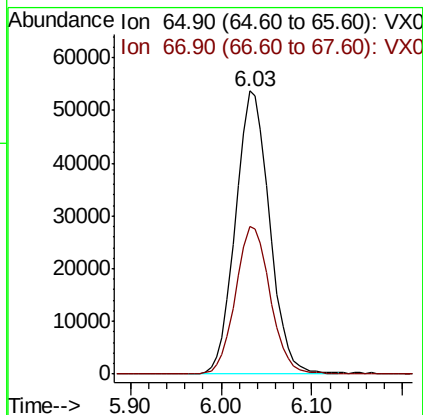
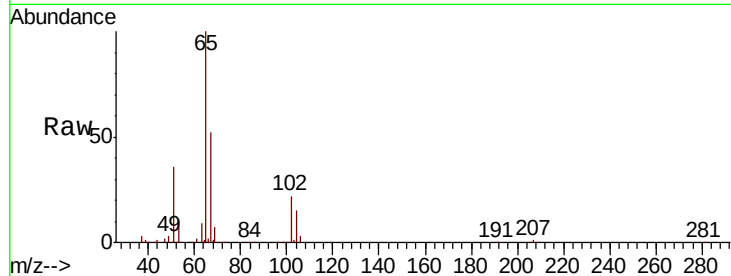




#33
 1,2-Dichloroethane-d4
 Concen: 44.527 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016373.D
 Acq: 20 May 2020 20:09

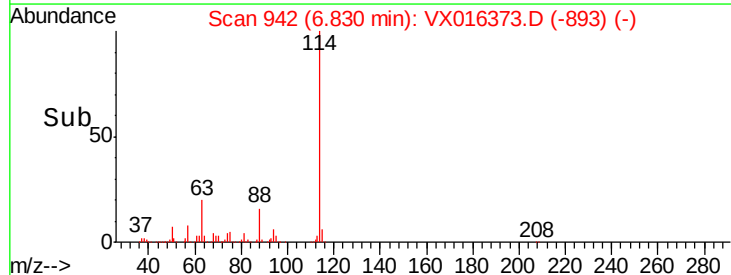
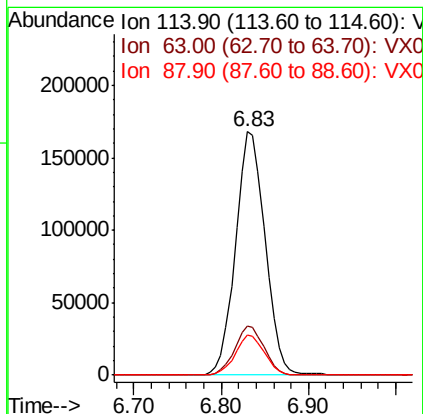
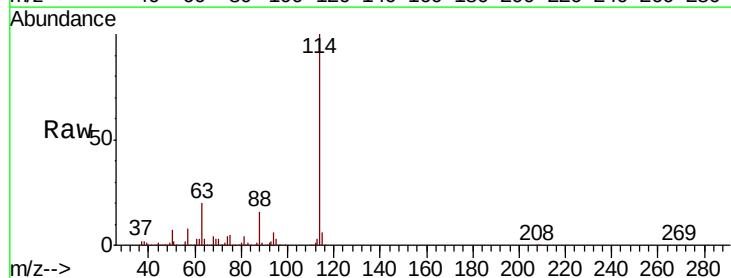
Instrument :
 MSVOA_X
 ClientSampleId :

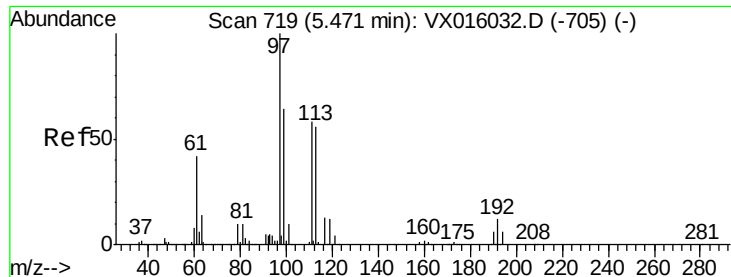
Tot Ion: 65 Resp: 139928
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016373.D
 Acq: 20 May 2020 20:09

Tgt Ion: 114 Resp: 395361
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 16.3 0.0 31.4

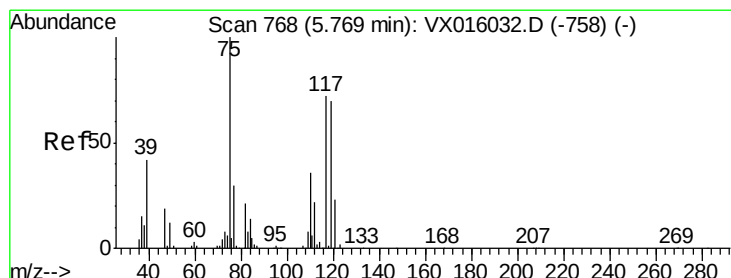
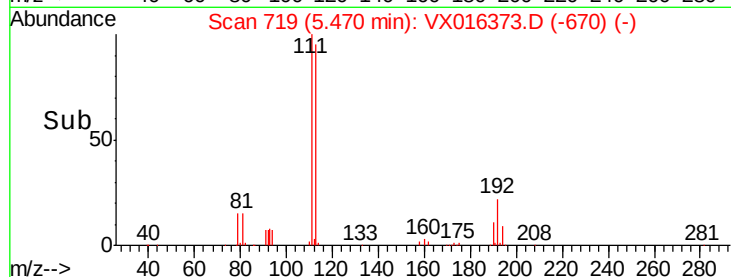
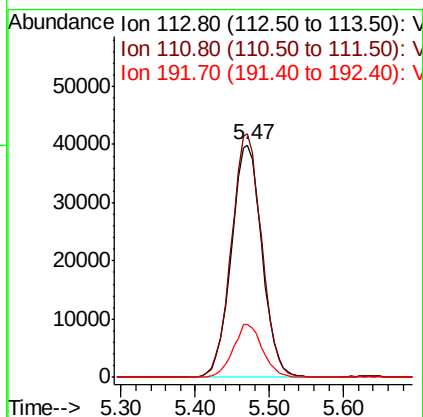
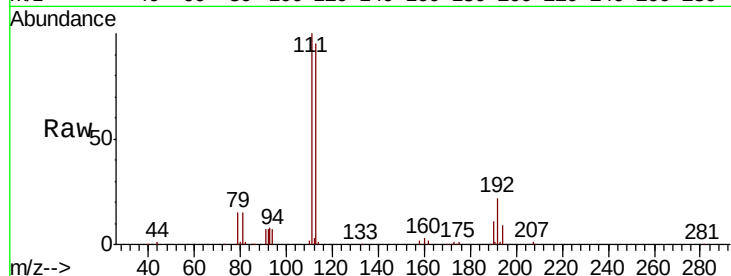




#35
 Dibromofluoromethane
 Concen: 45.919 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016373.D
 Acq: 20 May 2020 20:09

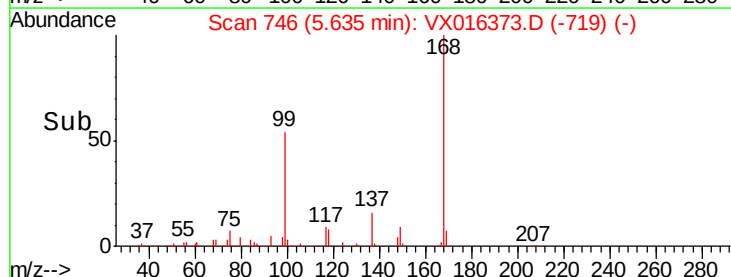
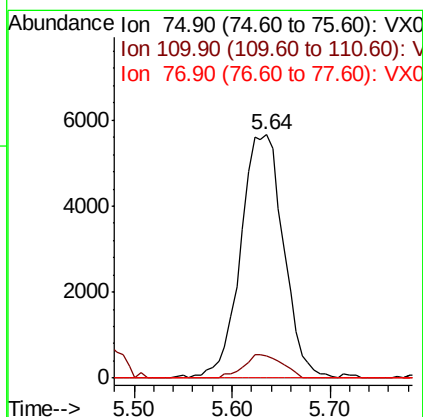
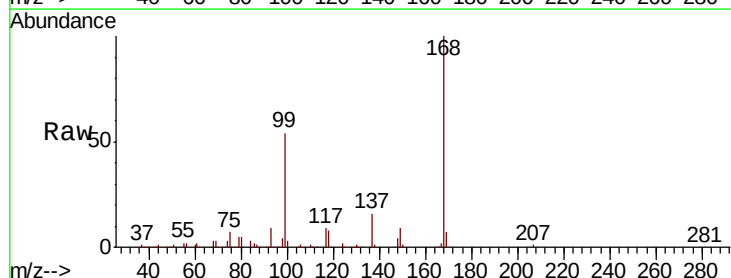
Instrument :
 MSVOA_X
 ClientSampled :

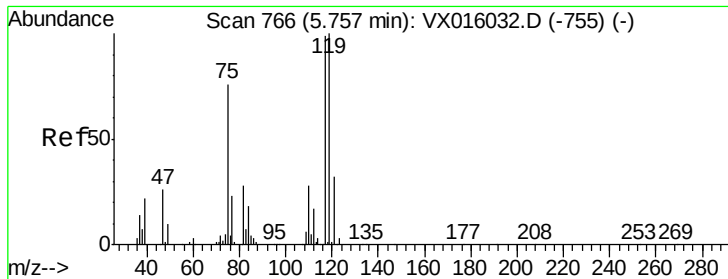
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.6	122.4
192	21.7	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.413 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016373.D
 Acq: 20 May 2020 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.603 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

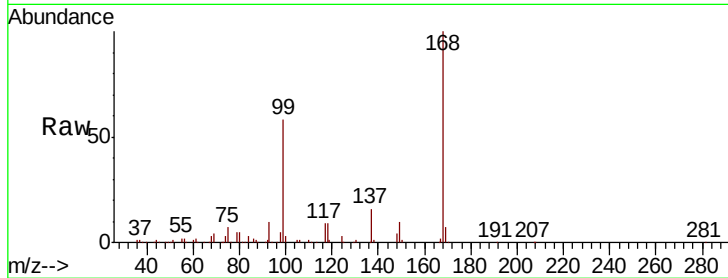
Tot Ion:117 Resp: 22163

Ion Ratio Lower Upper

117 100

119 5.6 80.3 120.5#

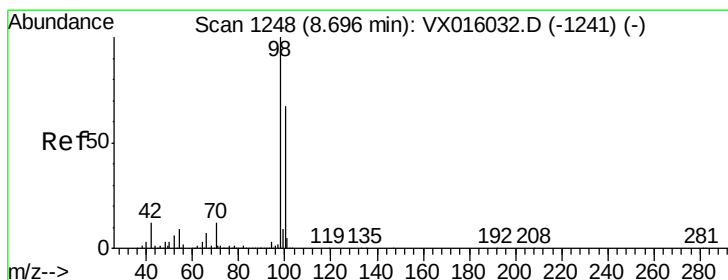
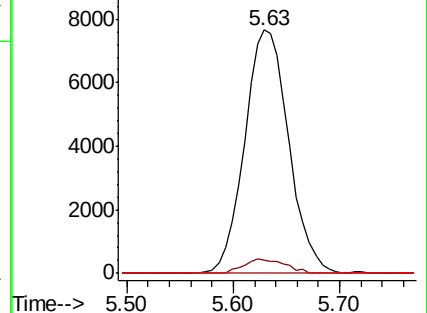
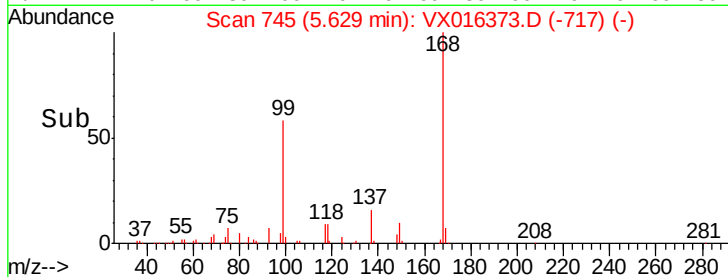
121 0.0 25.7 38.5#



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: 50.832 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016373.D

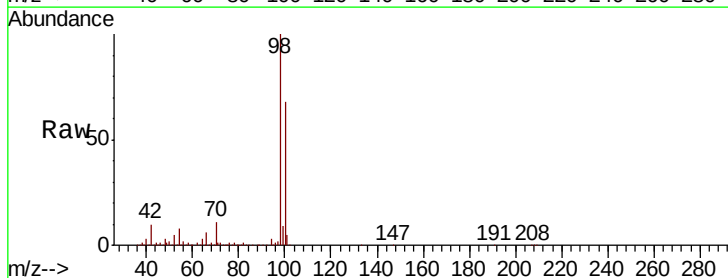
Acq: 20 May 2020 20:09

Tgt Ion: 98 Resp: 490582

Ion Ratio Lower Upper

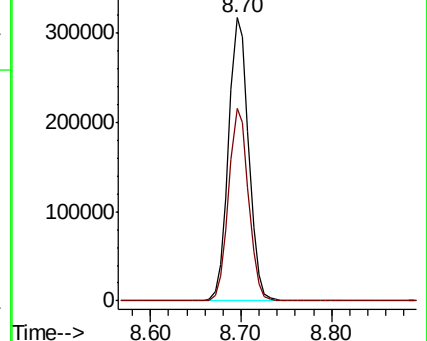
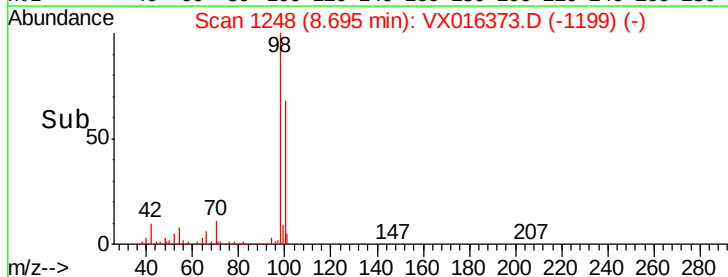
98 100

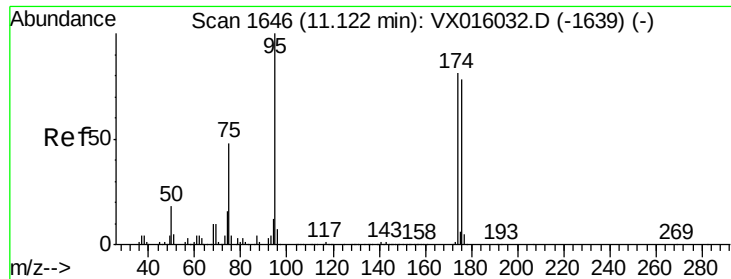
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.533 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

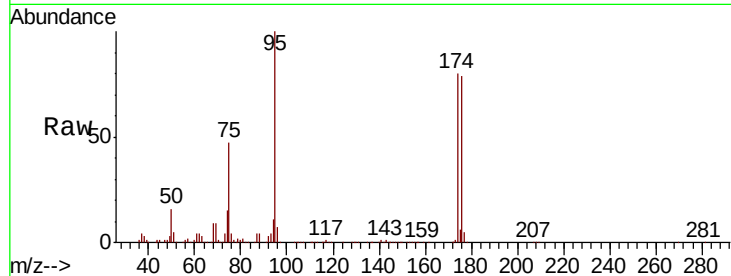
Tot Ion: 95 Resp: 196511

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.4

176 79.1 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

200000

150000

100000

50000

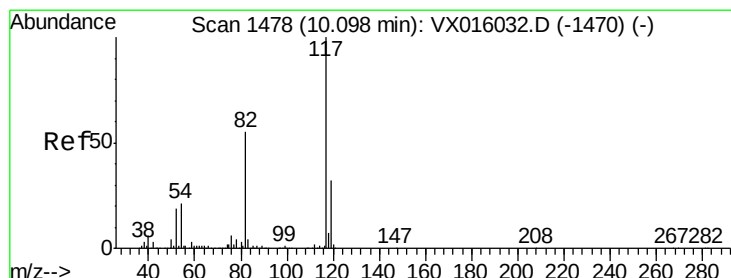
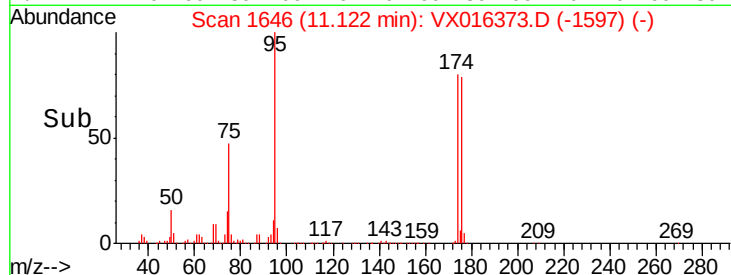
0

11.12

11.10

11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

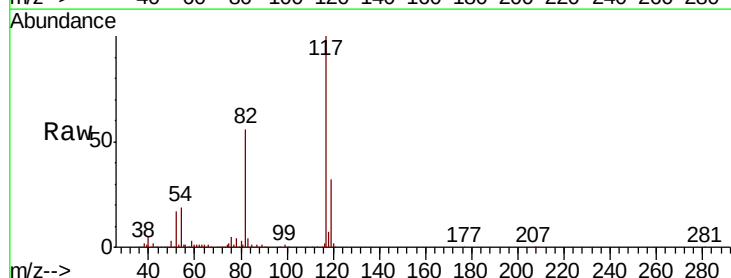
Tgt Ion: 117 Resp: 389407

Ion Ratio Lower Upper

117 100

82 56.3 44.4 66.6

119 32.3 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

400000

300000

200000

100000

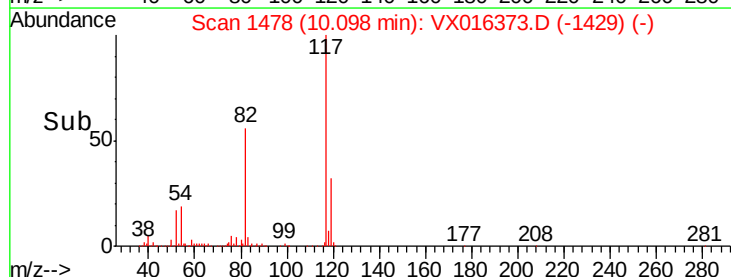
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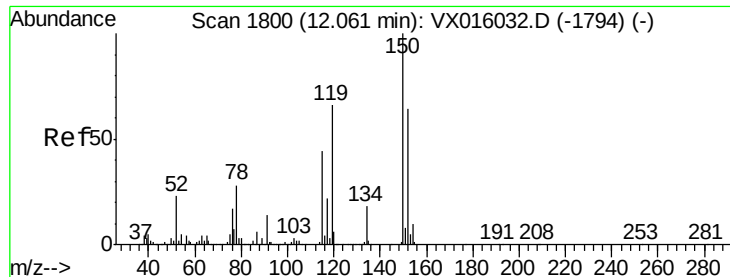
10.10

10.00

10.20

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: VX016373.D

Acq: 20 May 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

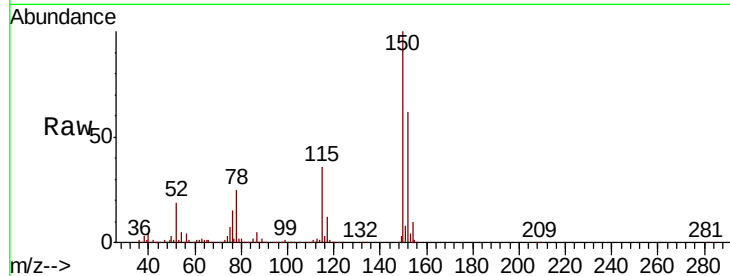
Tot Ion:152 Resp: 192929

Ion Ratio Lower Upper

152 100

115 58.9 41.3 124.1

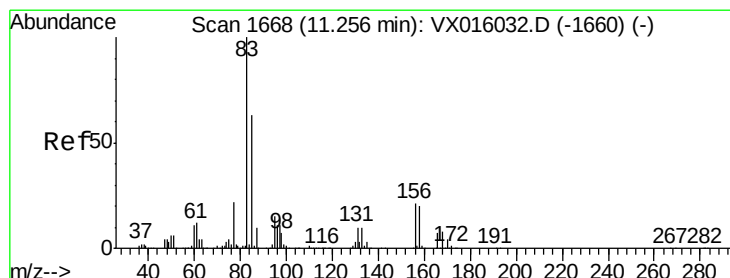
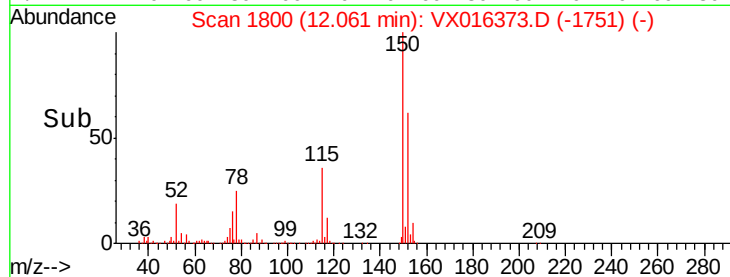
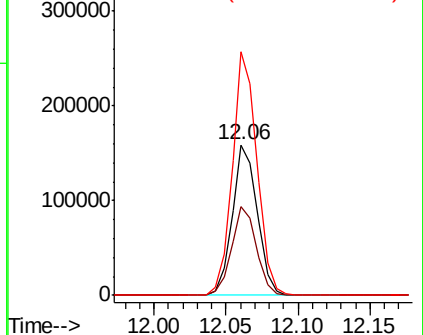
150 159.3 0.0 352.2



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: 2.086 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

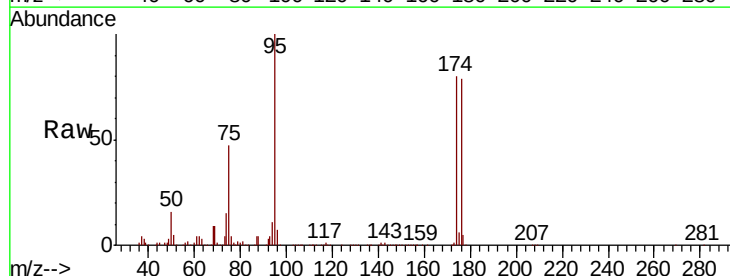
Tgt Ion: 83 Resp: 98

Ion Ratio Lower Upper

83 100

131 293.9 5.1 15.4#

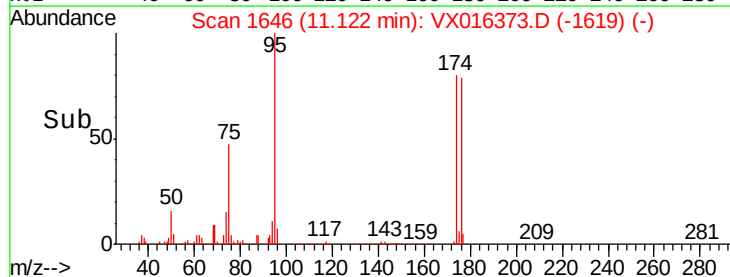
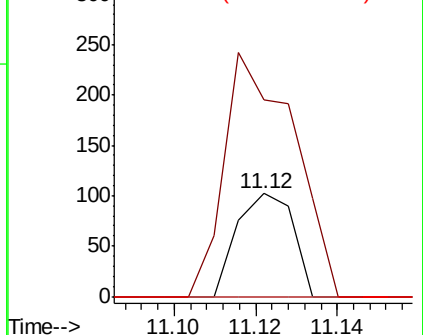
85 0.0 32.0 96.0#

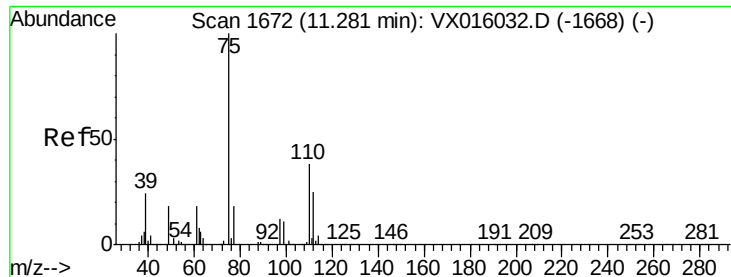


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.421 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

Instrument :

MSVOA_X

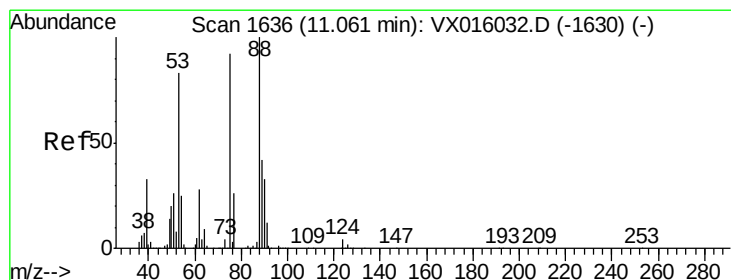
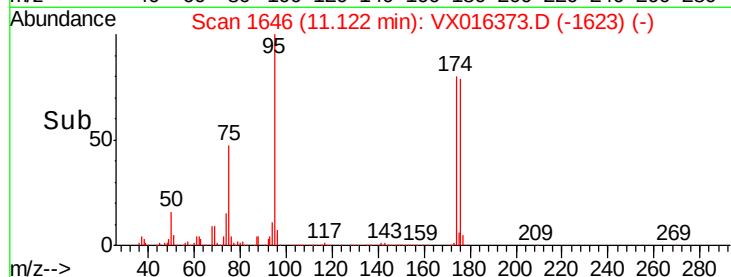
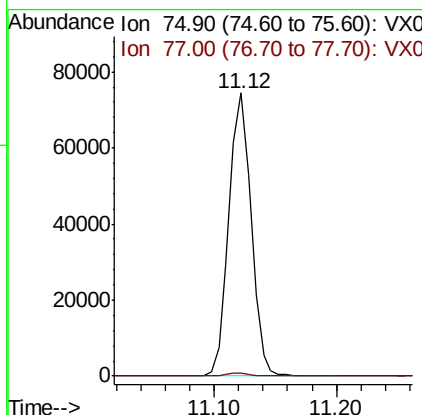
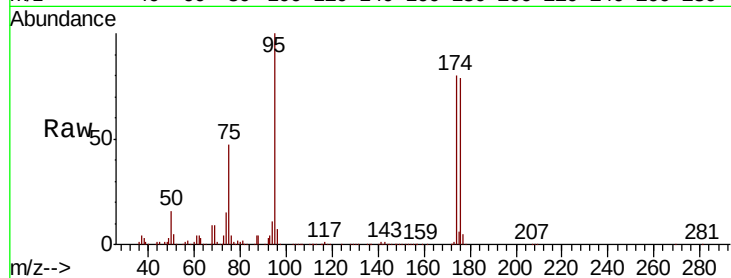
ClientSampled :

Tot Ion: 75 Resp: 93783

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.049 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

Tgt Ion: 75 Resp: 93783

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#

