

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016276.D
 Acq On : 15 May 2020 13:32
 Operator : JC/SP
 Sample : L2649-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 06:41:48 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	254596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	422681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211908	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	154971	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
35) Dibromofluoromethane	5.47	113	123601	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
50) Toluene-d8	8.70	98	518890	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.12	95	204800	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	

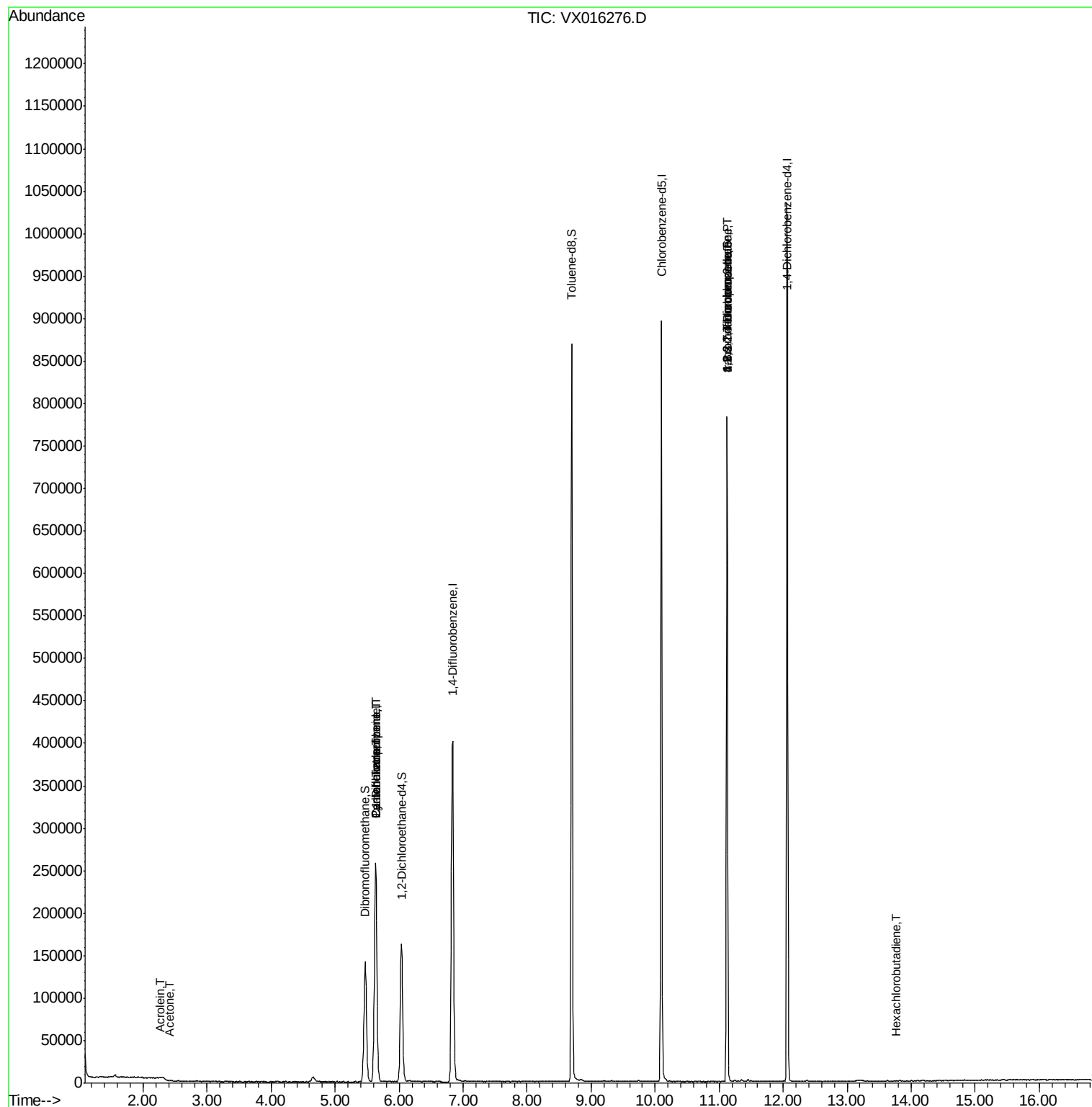
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.27	56	645	1.217	ug/l	93
16) Acetone	2.42	43	436	0.292	ug/l	94
17) Carbon Disulfide	2.55	76	1189	Below Cal	#	58
31) Cyclohexane	5.63	56	4919	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	18851	4.531	ug/l #	49
38) Carbon Tetrachloride	5.64	117	24143	5.709	ug/l #	13
75) 1,1,2,2-Tetrachloroethane	11.12	83	105	2.085	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	101141	21.033	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	101141	50.123	ug/l #	13
94) Hexachlorobutadiene	13.77	225	109	0.573	ug/l #	70

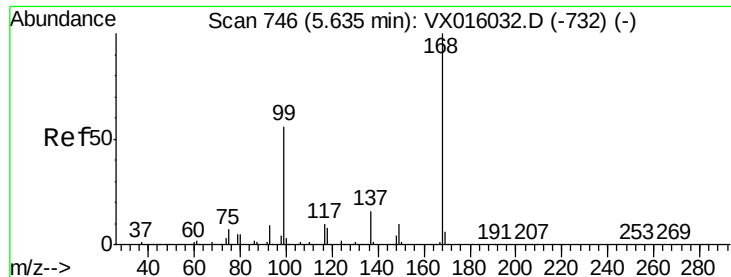
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051520\
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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: VX016276.D

Acq: 15 May 2020 13:32

Instrument :

MSVOA_X

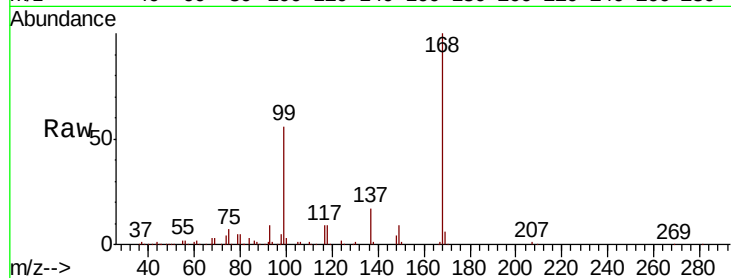
ClientSampled :

Tot Ion:168 Resp: 254596

Ion Ratio Lower Upper

168 100

99 56.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

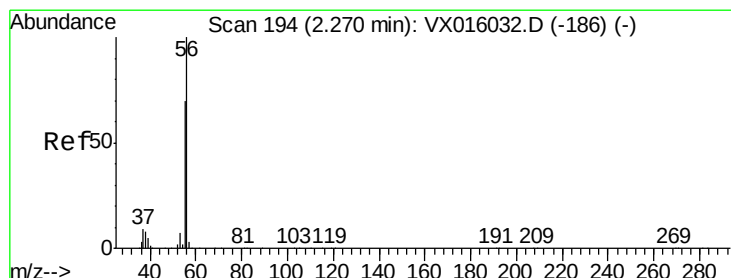
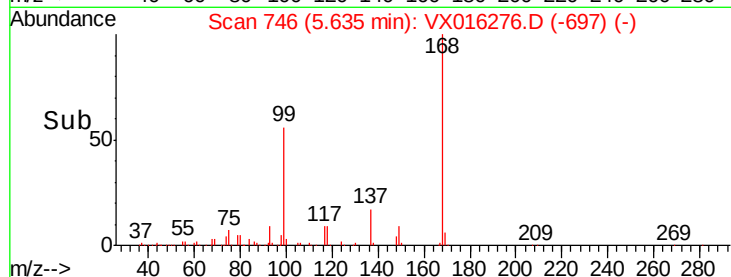
60000

40000

20000

0

Time-->



#13

Acrolein

Concen: 1.217 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016276.D

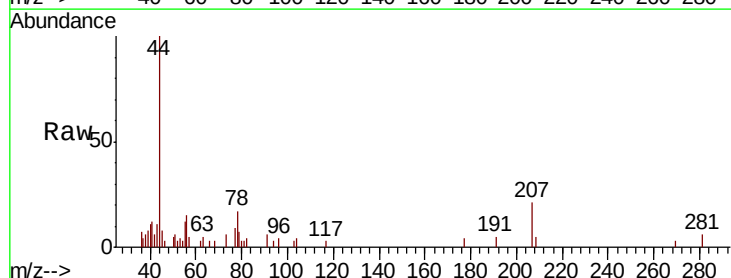
Acq: 15 May 2020 13:32

Tgt Ion: 56 Resp: 645

Ion Ratio Lower Upper

56 100

55 64.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

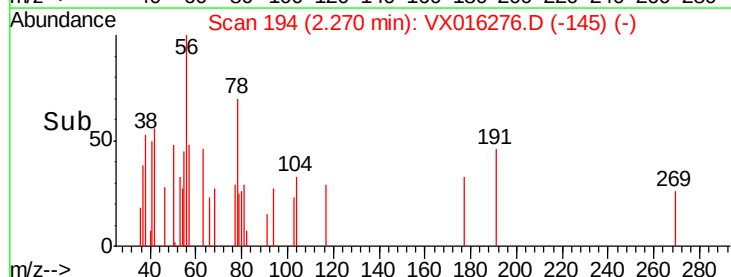
300

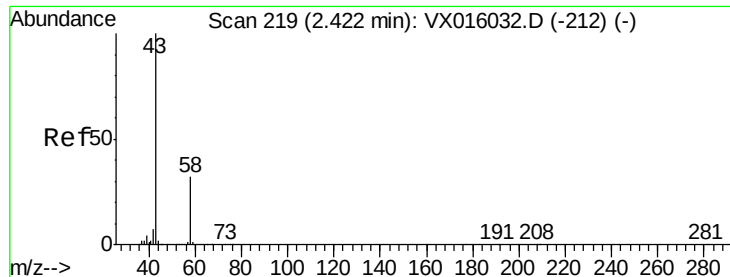
200

100

0

Time-->





#16

Acetone

Concen: 0.292 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016276.D

Acq: 15 May 2020 13:32

Instrument :

MSVOA_X

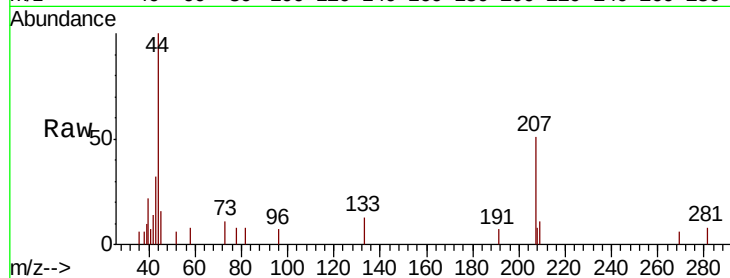
ClientSampleId :

Tot Ion: 43 Resp: 436

Ion Ratio Lower Upper

43 100

58 35.1 25.4 38.0

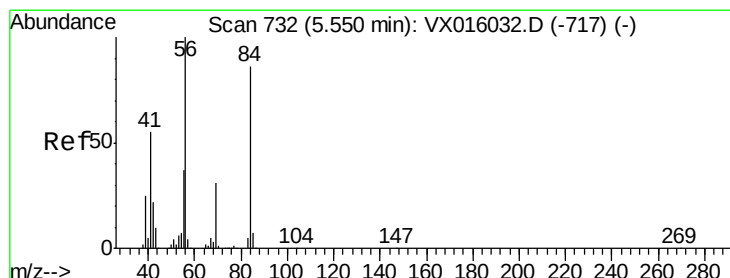
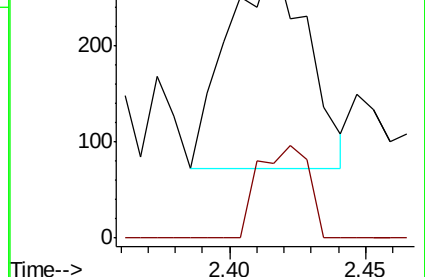
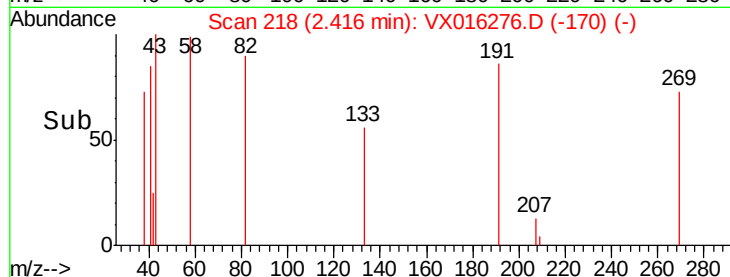


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2.45



#31

Cyclohexane

Concen: 1.057 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX016276.D

Acq: 15 May 2020 13:32

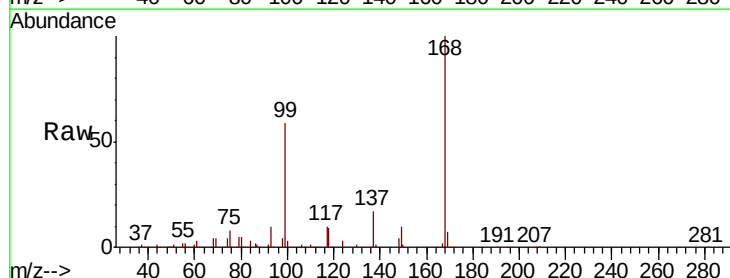
Tgt Ion: 56 Resp: 4919

Ion Ratio Lower Upper

56 100

69 179.4 25.0 37.6#

84 149.5 69.0 103.6#



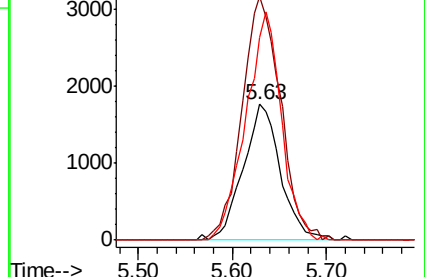
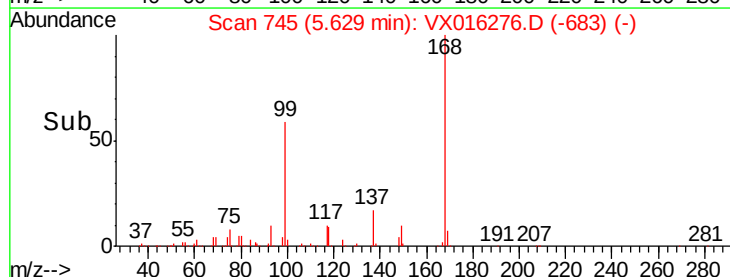
Abundance Ion 56.00 (55.70 to 56.70): VX0

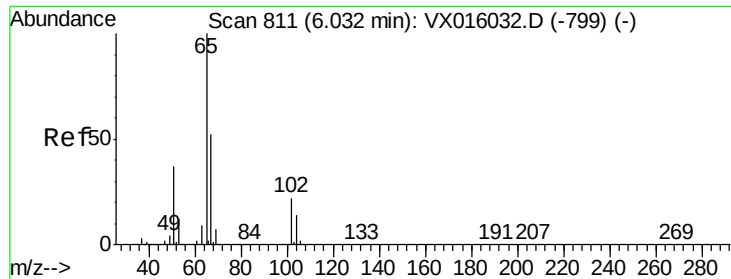
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.63

5.70

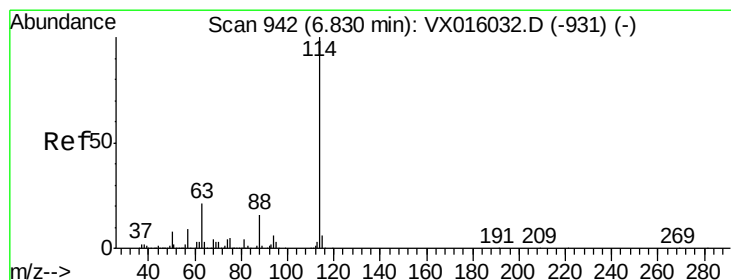
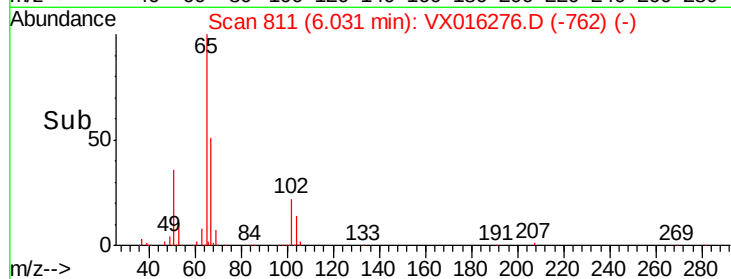
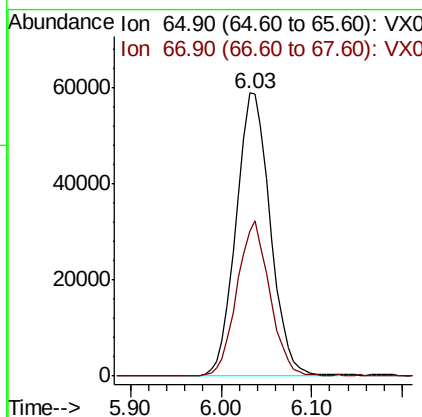
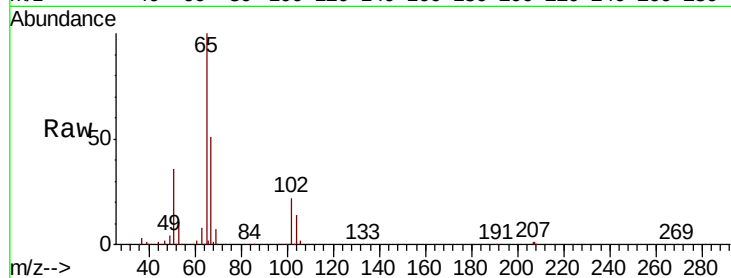




#33
 1,2-Dichloroethane-d4
 Concen: 46.257 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016276.D
 Acq: 15 May 2020 13:32

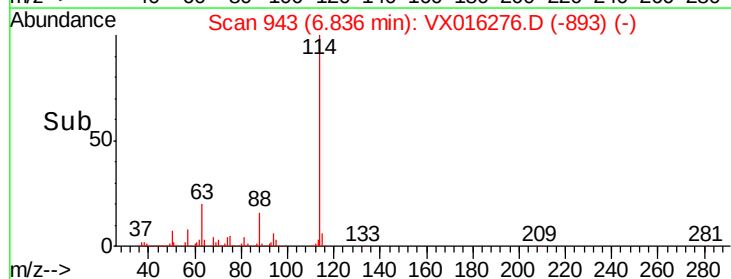
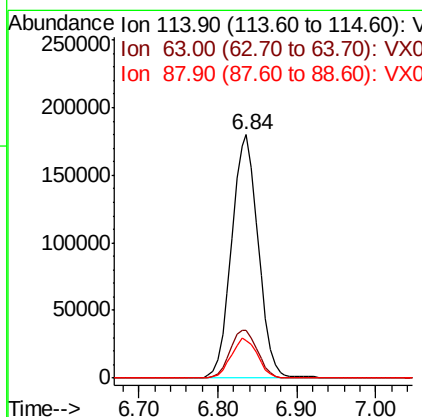
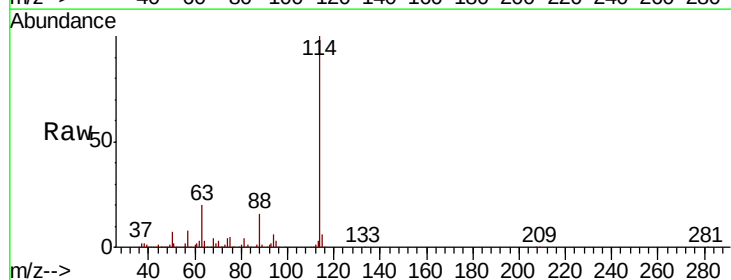
Instrument :
 MSVOA_X
 ClientSampleId :

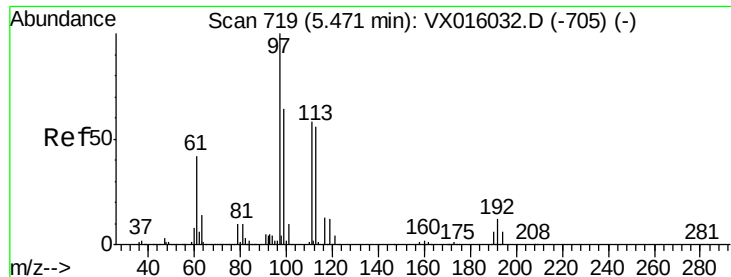
Tot Ion: 65 Resp: 154971
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016276.D
 Acq: 15 May 2020 13:32

Tgt Ion: 114 Resp: 422681
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.8
 88 15.7 0.0 31.4

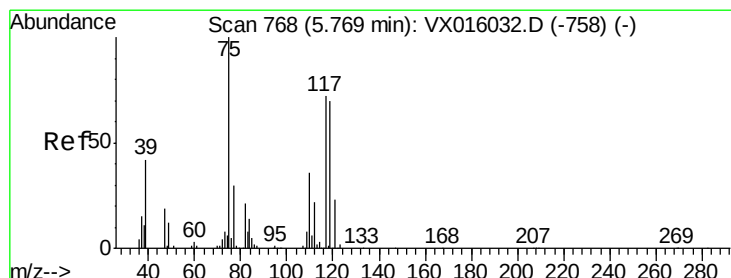
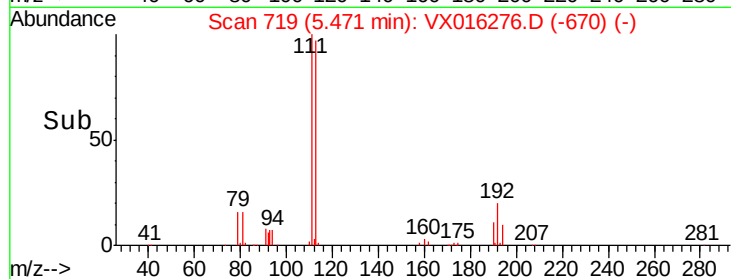
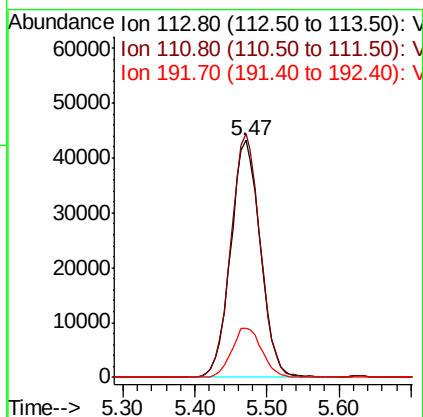
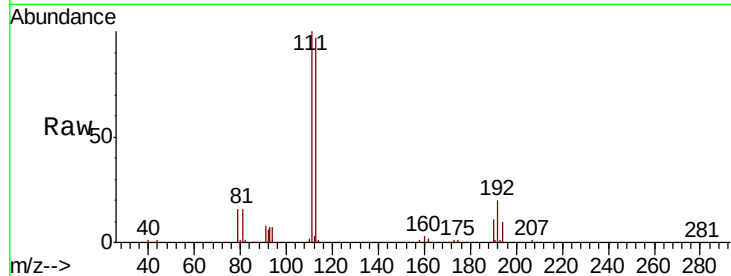




#35
 Dibromofluoromethane
 Concen: 46.157 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016276.D
 Acq: 15 May 2020 13:32

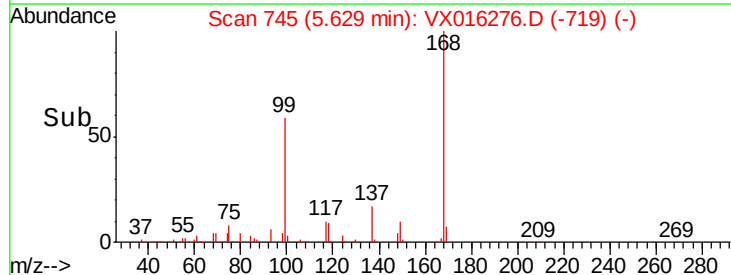
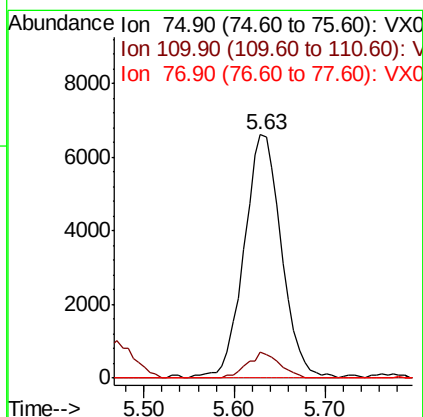
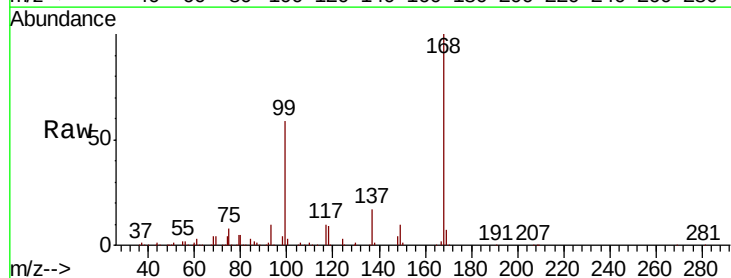
Instrument :
 MSVOA_X
 ClientSampleId :

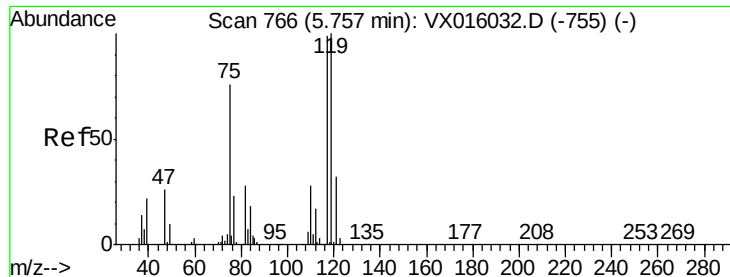
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	21.1	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.531 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016276.D
 Acq: 15 May 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.709 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016276.D

Acq: 15 May 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

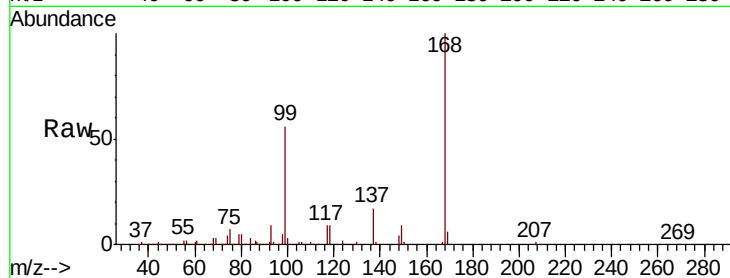
Tot Ion:117 Resp: 24143

Ion Ratio Lower Upper

117 100

119 3.5 80.3 120.5#

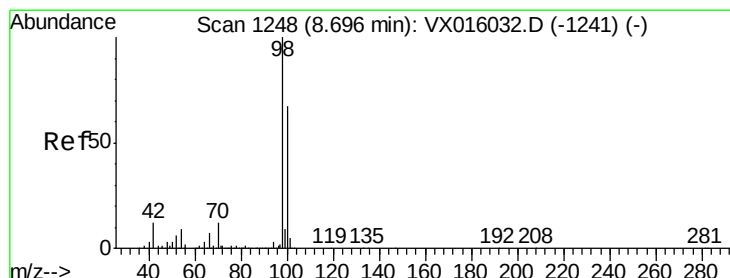
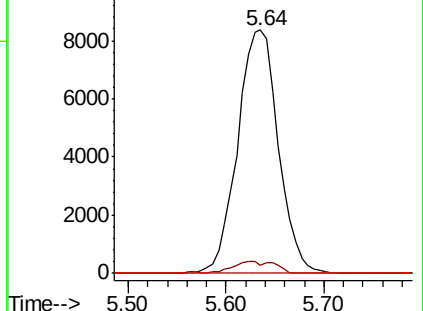
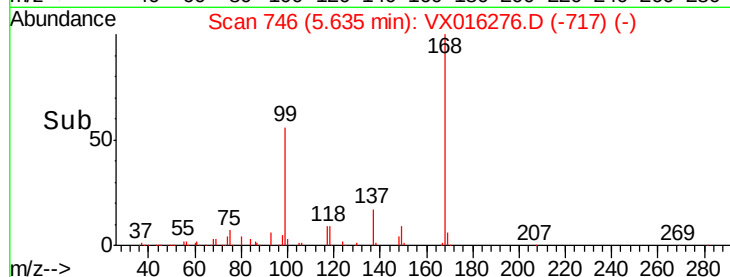
121 0.0 25.7 38.5#



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: 50.290 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016276.D

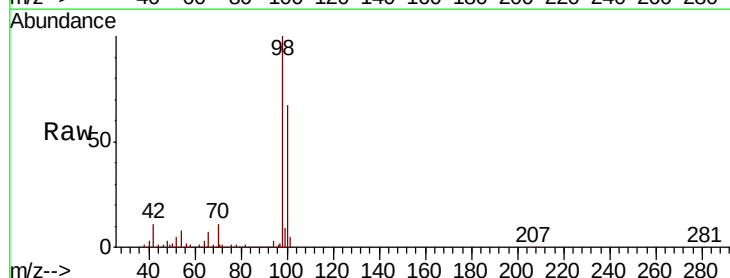
Acq: 15 May 2020 13:32

Tgt Ion: 98 Resp: 518890

Ion Ratio Lower Upper

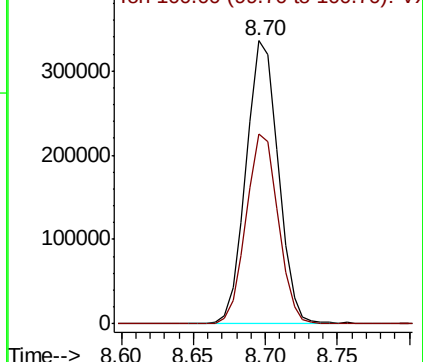
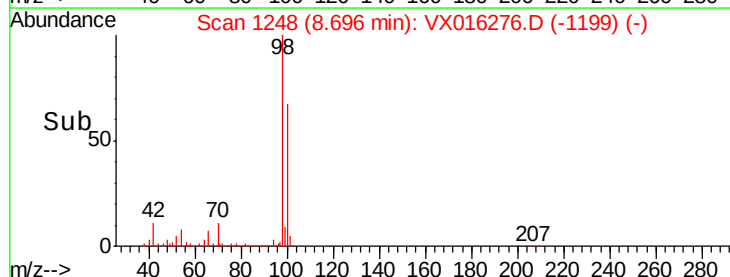
98 100

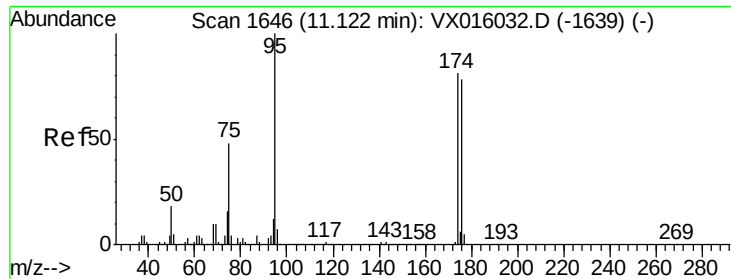
100 67.3 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

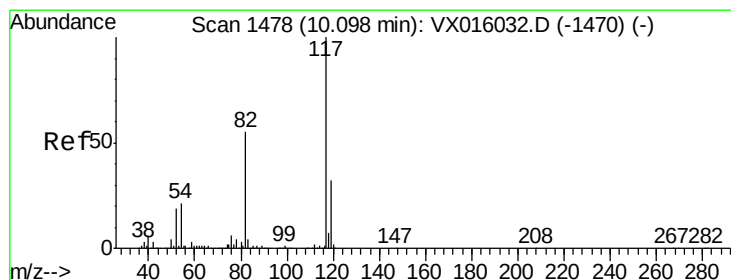
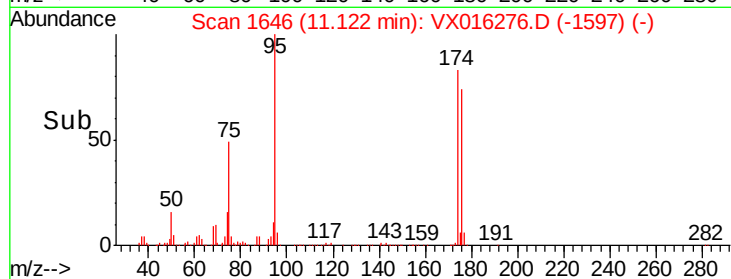
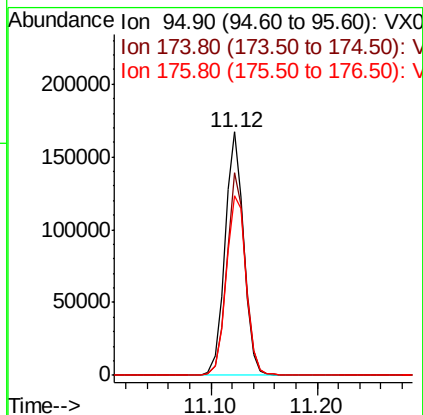
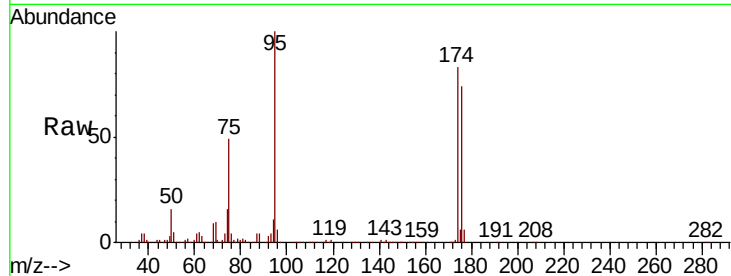




#62
4-Bromofluorobenzene
Concen: 52.185 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016276.D
Acq: 15 May 2020 13:32

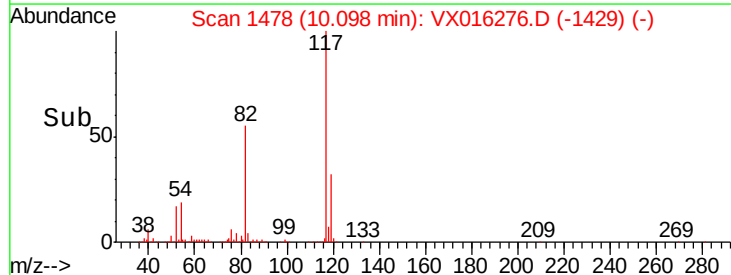
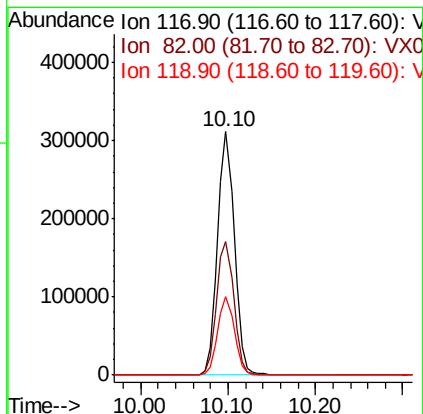
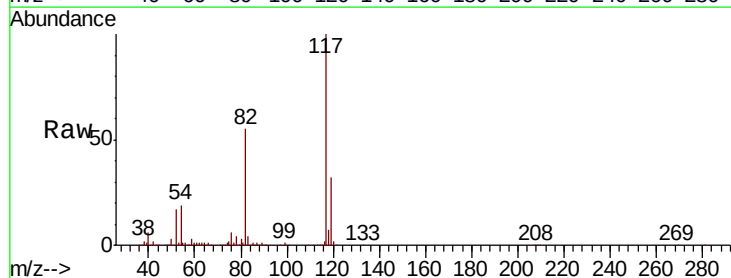
Instrument :
MSVOA_X
ClientSampleId :

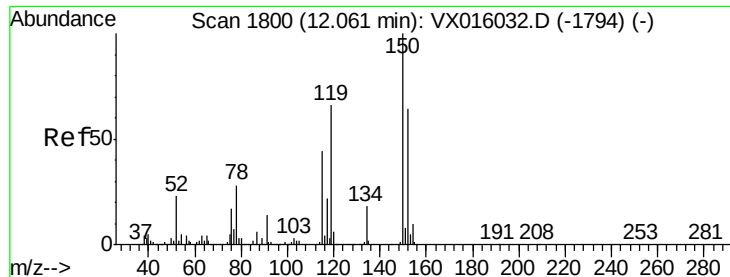
Tot Ion: 95 Resp: 204800
Ion Ratio Lower Upper
95 100
174 83.2 0.0 159.4
176 78.8 0.0 157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016276.D
Acq: 15 May 2020 13:32

Tgt Ion: 117 Resp: 415942
Ion Ratio Lower Upper
117 100
82 54.6 44.4 66.6
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016276.D

Acq: 15 May 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

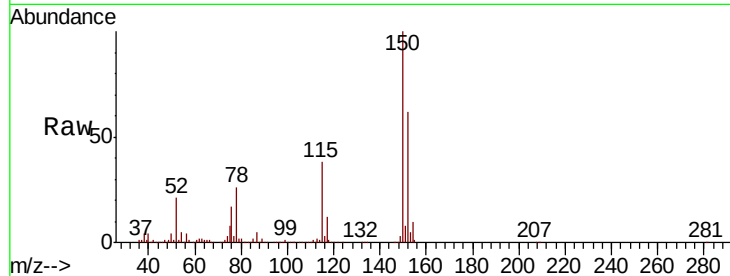
Tot Ion:152 Resp: 211908

Ion Ratio Lower Upper

152 100

115 58.7 41.3 124.1

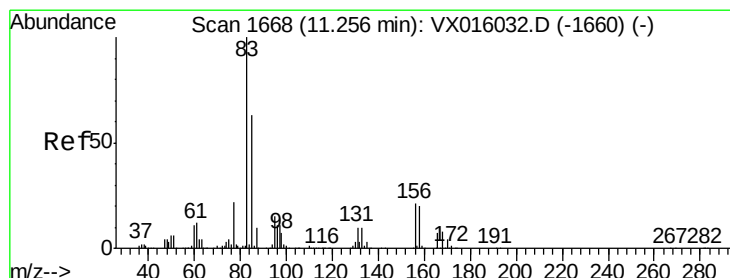
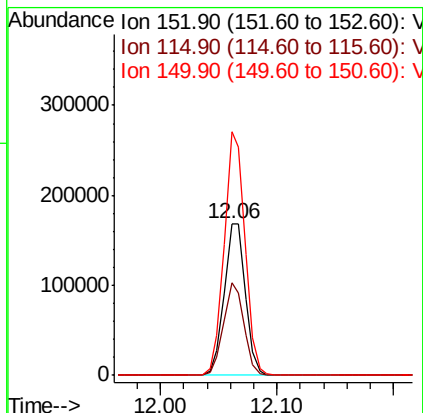
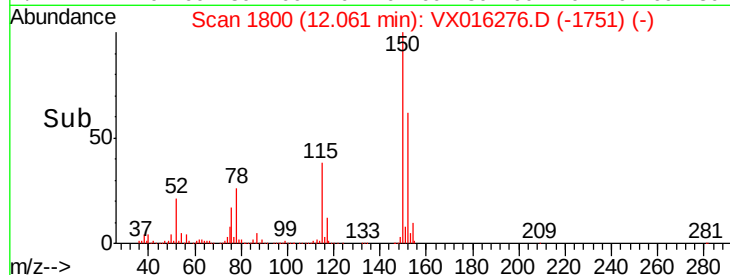
150 157.0 0.0 352.2



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: 2.085 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX016276.D

Acq: 15 May 2020 13:32

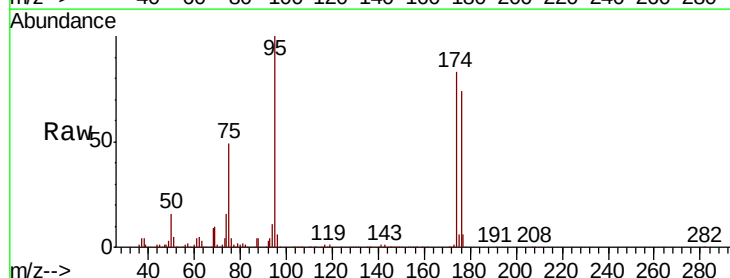
Tgt Ion: 83 Resp: 105

Ion Ratio Lower Upper

83 100

131 256.2 5.1 15.4#

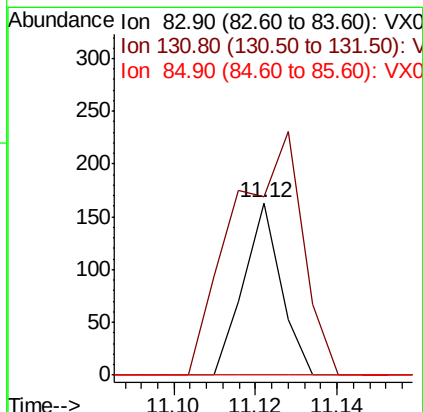
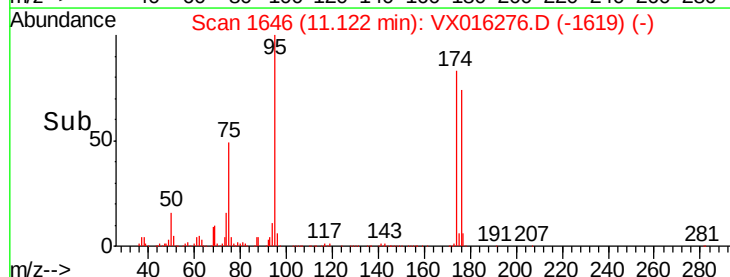
85 0.0 32.0 96.0#

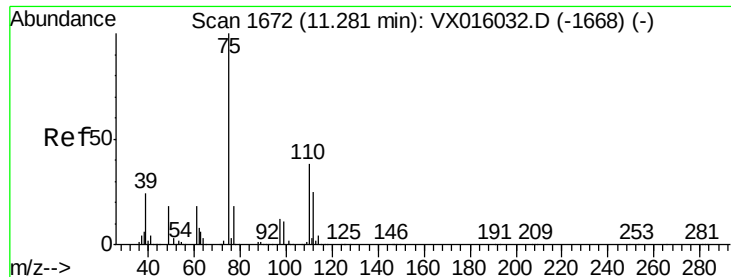


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.033 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016276.D

Acq: 15 May 2020 13:32

Instrument :

MSVOA_X

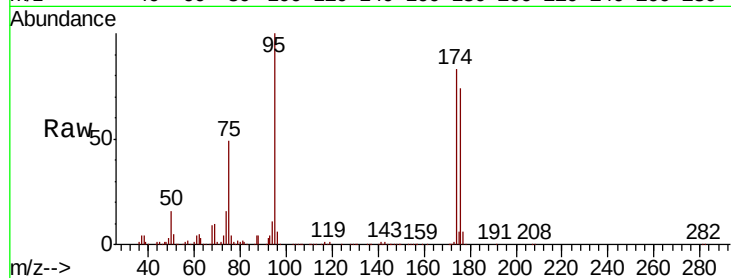
ClientSampleId :

Tot Ion: 75 Resp: 101141

Ion Ratio Lower Upper

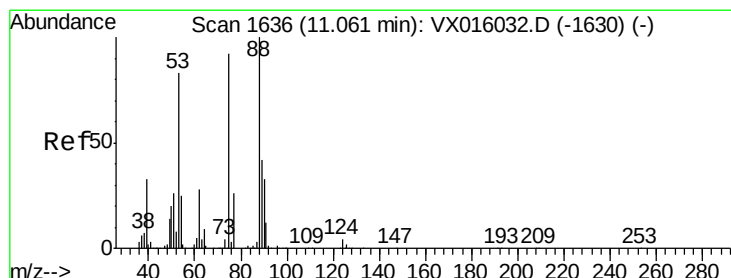
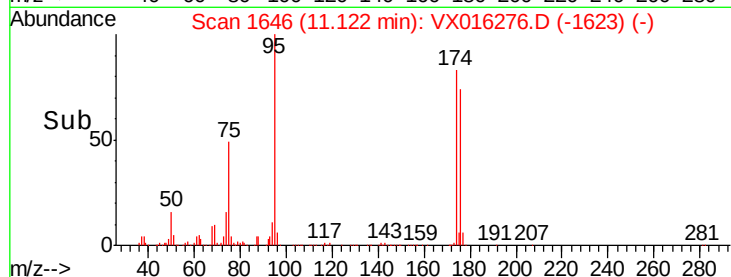
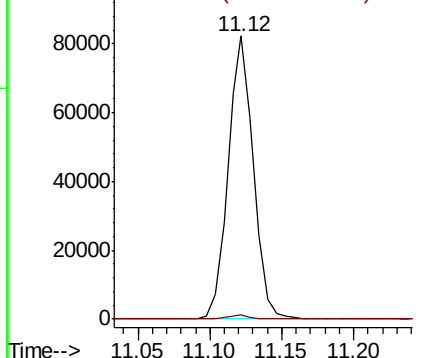
75 100

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: 50.123 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016276.D

Acq: 15 May 2020 13:32

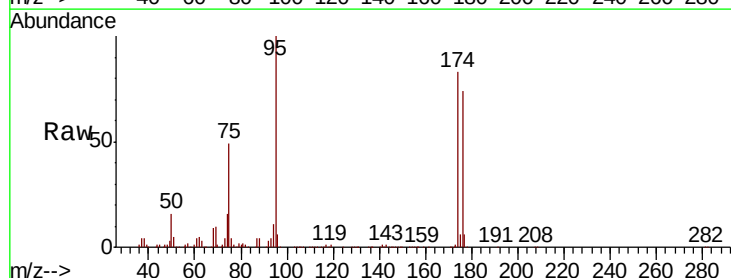
Tgt Ion: 75 Resp: 101141

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

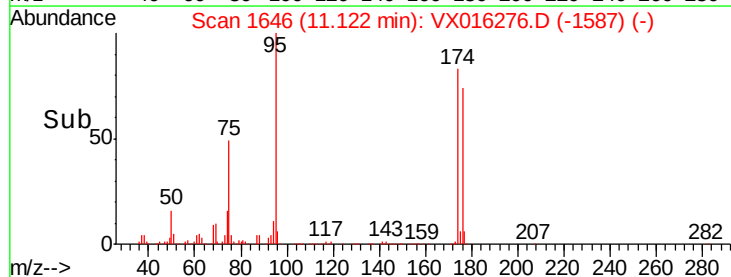
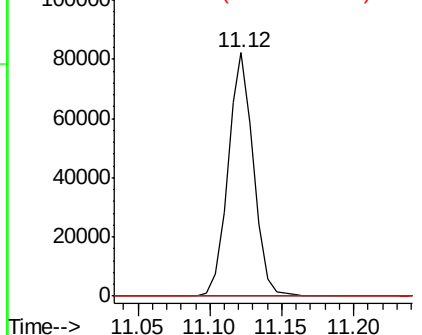
89 0.0 36.7 55.1#

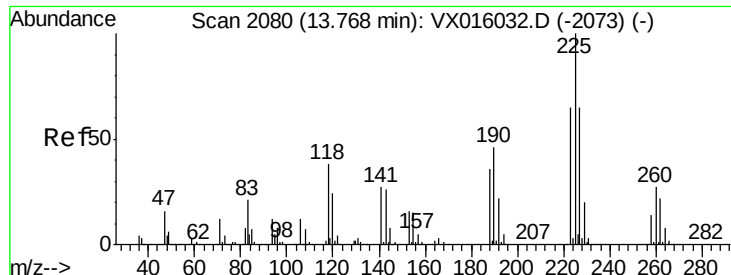


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#94

Hexachlorobutadiene

Concen: 0.573 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016276.D

Acq: 15 May 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

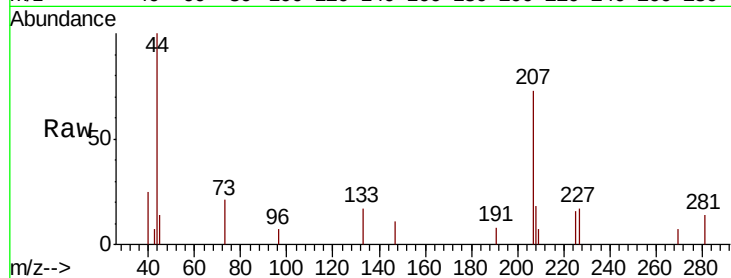
Tot Ion:225 Resp: 109

Ion Ratio Lower Upper

225 100

223 18.3 32.3 96.9#

227 62.4 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

