

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017115.D
 Acq On : 01 Jul 2020 22:27
 Operator : JC/SP
 Sample : VX0701WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBL02

Quant Time: Jul 02 01:41:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

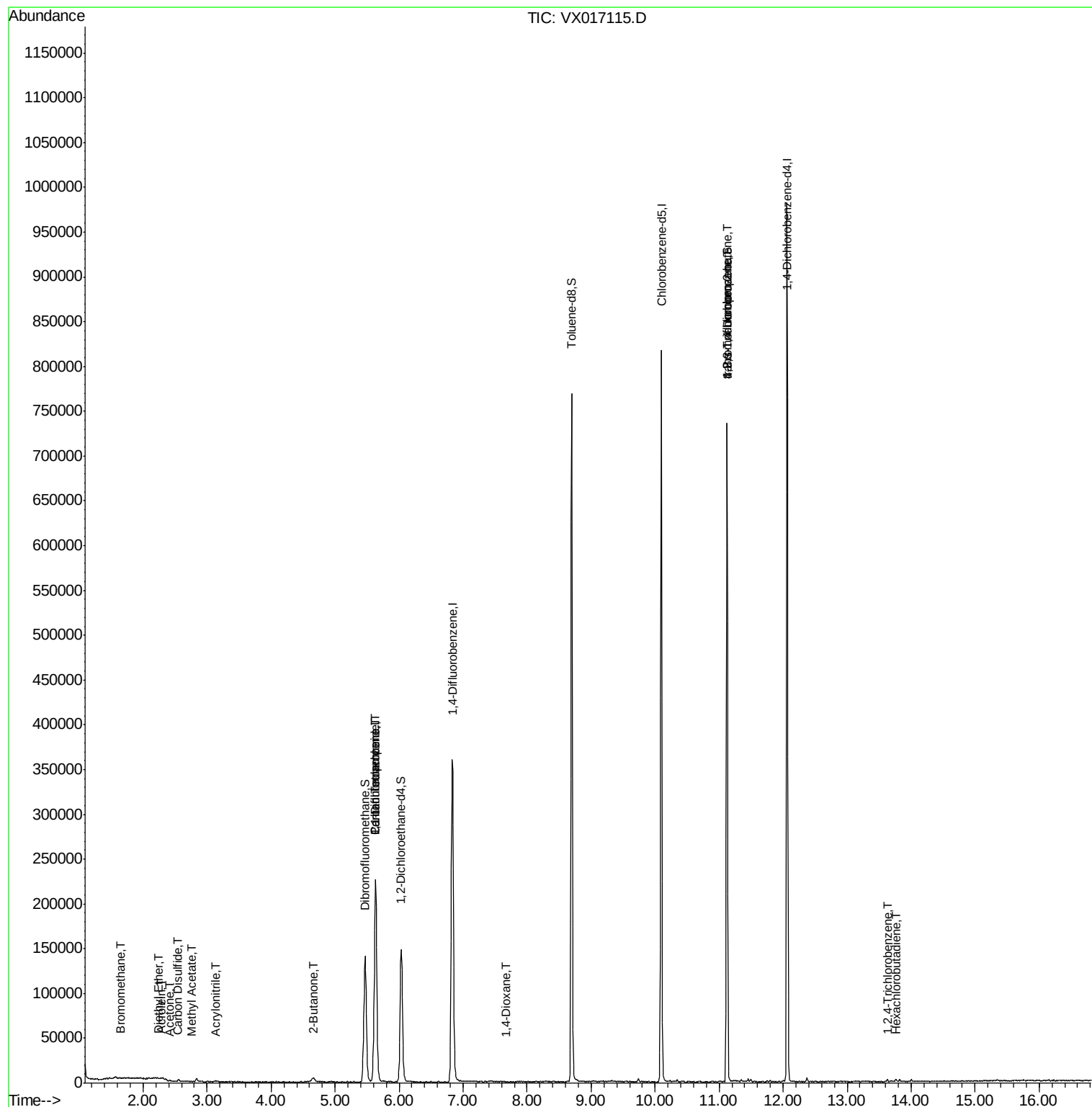
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	217629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	368738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	374401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	141157	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
35) Dibromofluoromethane	5.47	113	122041	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	8.70	98	446380	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.12	95	186991	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	436	0.349	ug/l #	36
8) Diethyl Ether	2.25	74	74	0.428	ug/l	77
13) Acrolein	2.28	56	393	1.284	ug/l	88
15) Acrylonitrile	3.12	53	310	0.252	ug/l #	80
16) Acetone	2.41	43	469	0.467	ug/l #	43
17) Carbon Disulfide	2.55	76	2107	0.373	ug/l #	86
18) Methyl Acetate	2.76	43	616	0.235	ug/l #	83
20) Methylene Chloride	2.83	84	1539	Below Cal	#	89
25) 2-Butanone	4.65	43	436	0.261	ug/l #	49
36) 1,1-Dichloropropene	5.63	75	16013	4.595	ug/l #	51
38) Carbon Tetrachloride	5.63	117	21851	5.693	ug/l #	17
44) Trichloroethene	7.20	130	436	Below Cal		87
49) 1,4-Dioxane	7.67	88	23	0.364	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	92002	24.147	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	92002	62.532	ug/l #	13
88) 1,4-Dichlorobenzene	12.01	146	650	Below Cal		79
93) 1,2,4-Trichlorobenzene	13.63	180	844	0.209	ug/l	99
94) Hexachlorobutadiene	13.77	225	430	1.120	ug/l	86

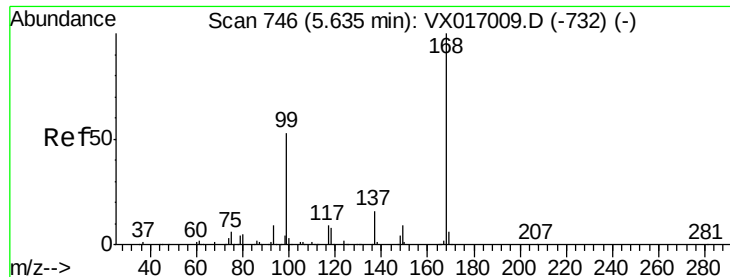
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070120\
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MSVOA_X
ClientSampled :
VX0701WBL02

Quant Time: Jul 02 01:41:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 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: VX017115.D

Acq: 01 Jul 2020 22:27

Instrument :

MSVOA_X

ClientSampleId :

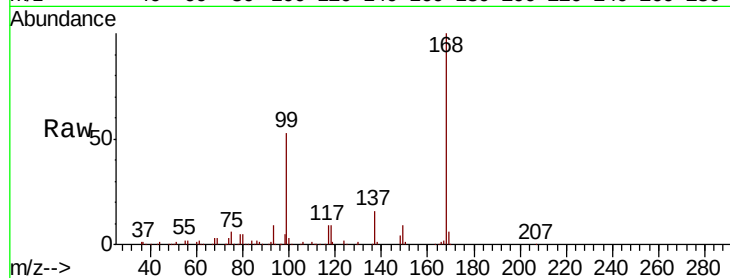
VX0701WBL02

Tot Ion:168 Resp: 217629

Ion Ratio Lower Upper

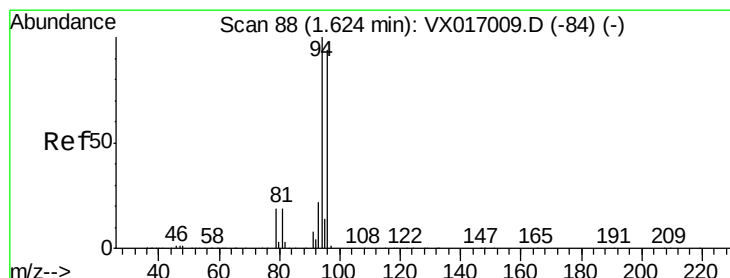
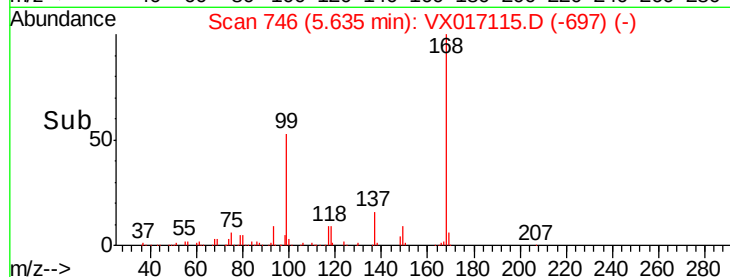
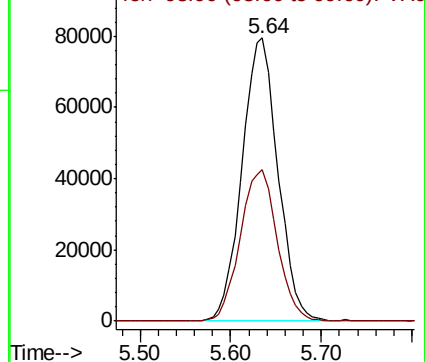
168 100

99 53.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.349 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017115.D

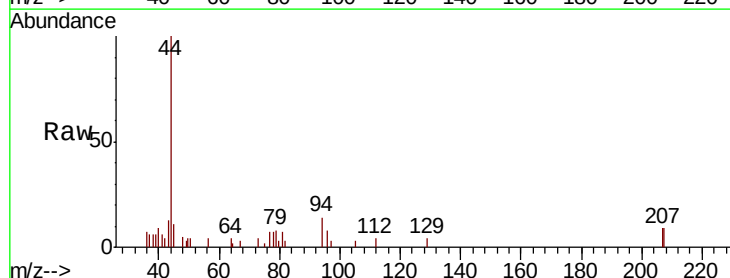
Acq: 01 Jul 2020 22:27

Tgt Ion: 94 Resp: 436

Ion Ratio Lower Upper

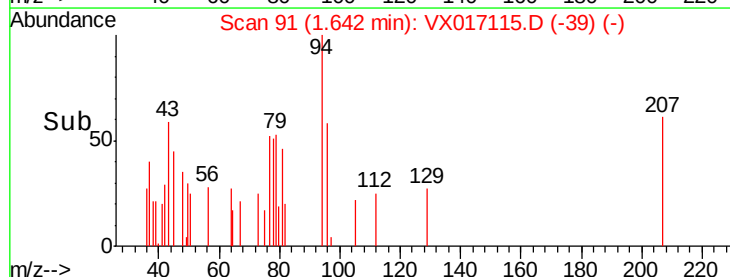
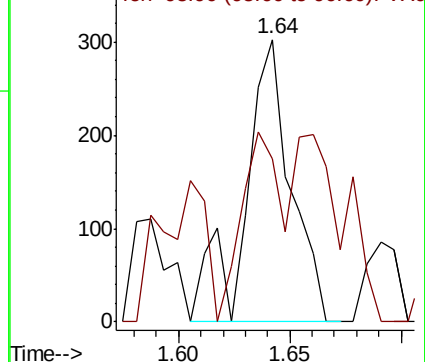
94 100

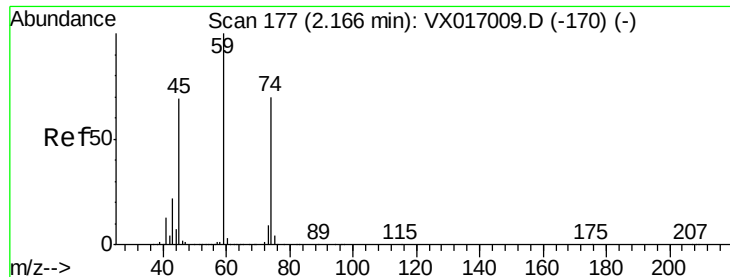
96 32.3 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#8

Diethyl Ether

Concen: 0.428 ug/l

RT: 2.25 min Scan# 190

Delta R.T. 0.08 min

Lab File: VX017115.D

Acq: 01 Jul 2020 22:27

Instrument :

MSVOA_X

ClientSampleId :

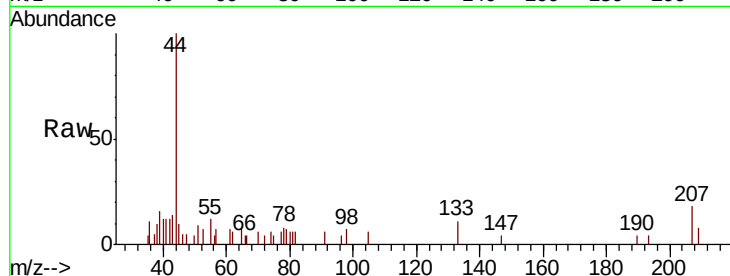
VX0701WBL02

Tot Ion: 74 Resp: 74

Ion Ratio Lower Upper

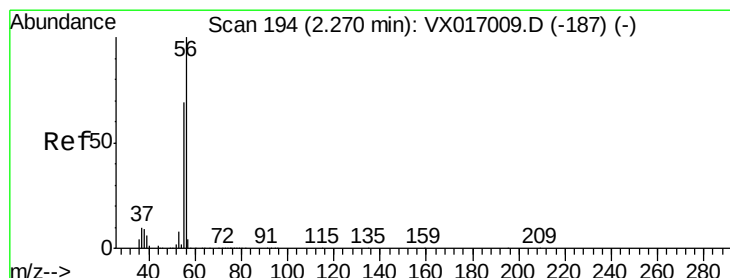
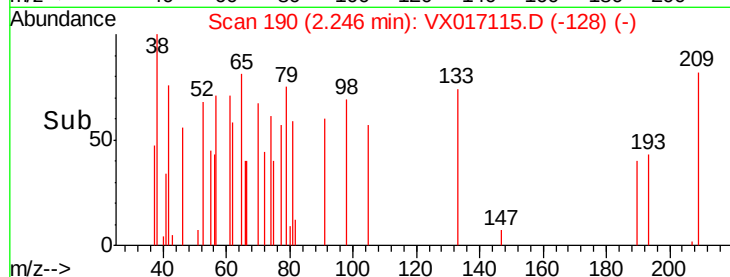
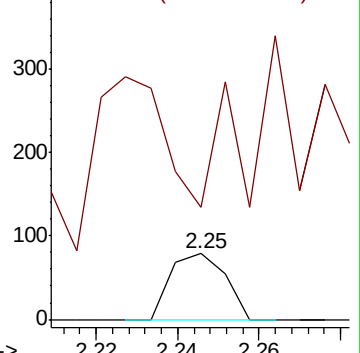
74 100

45 77.0 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#13

Acrolein

Concen: 1.284 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017115.D

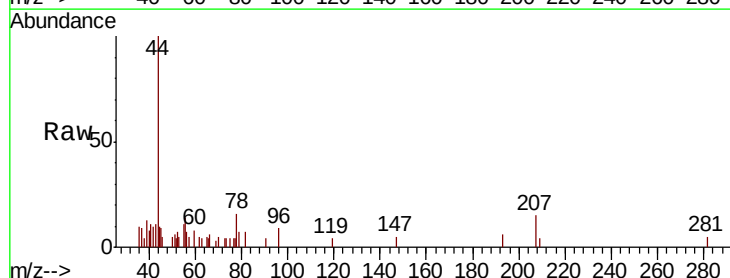
Acq: 01 Jul 2020 22:27

Tgt Ion: 56 Resp: 393

Ion Ratio Lower Upper

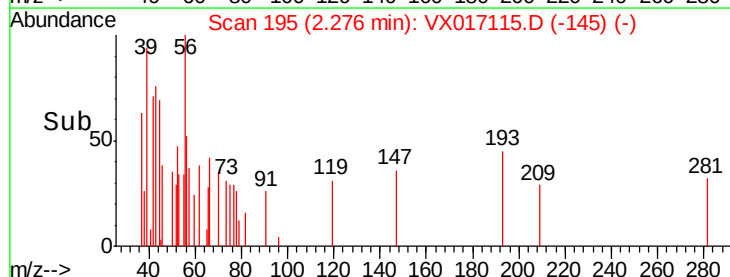
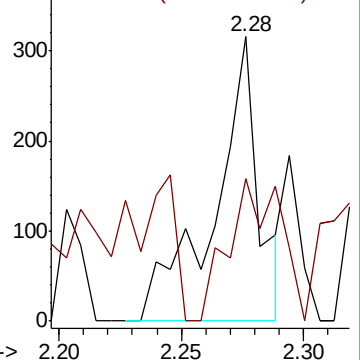
56 100

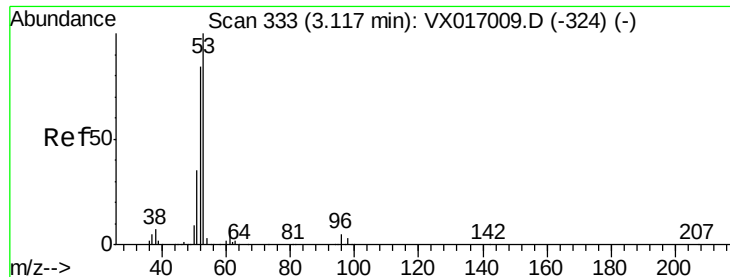
55 59.8 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

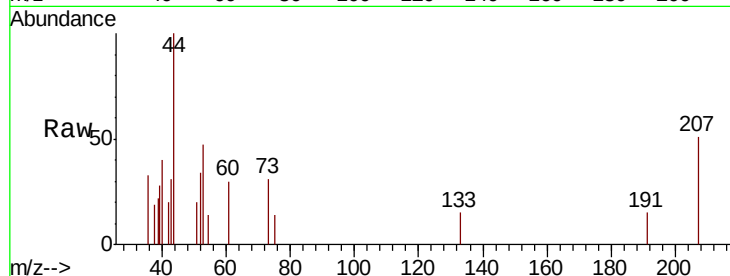




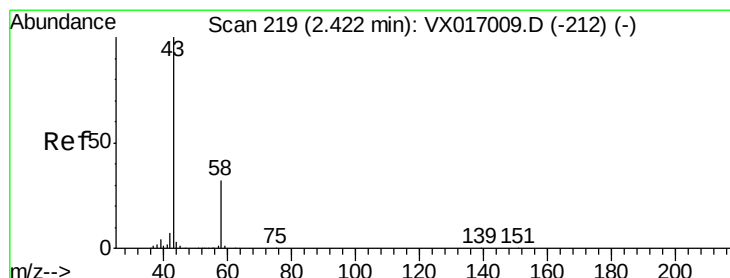
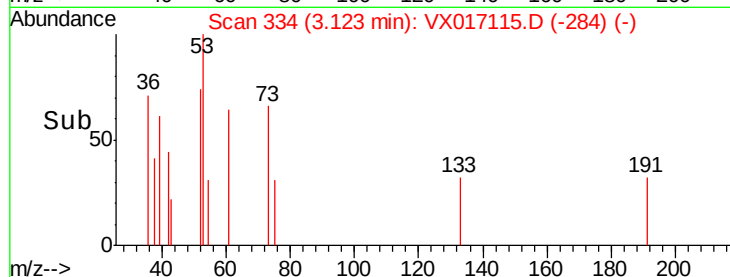
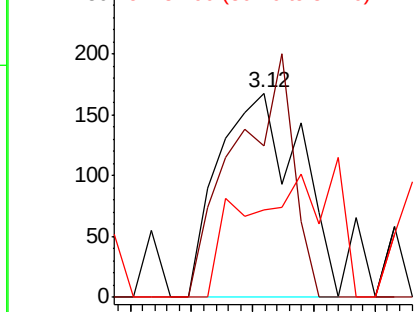
#15
 Acrylonitrile
 Concen: 0.252 ug/l
 RT: 3.12 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX017115.D
 Acq: 01 Jul 2020 22:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX0701WBL02

Tot Ion: 53 Resp: 310
 Ion Ratio Lower Upper
 53 100
 52 84.2 65.6 98.4
 51 0.0 28.3 42.5#

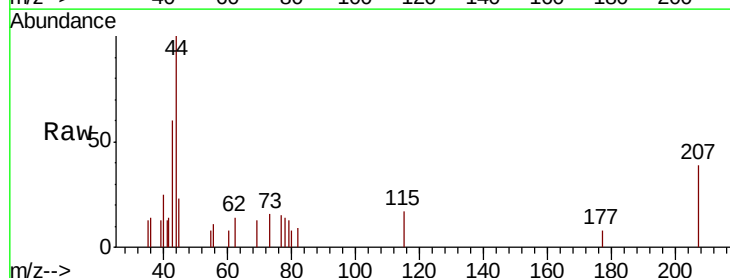


Abundance Ion 53.00 (52.70 to 53.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0
 Ion 51.00 (50.70 to 51.70): VX0

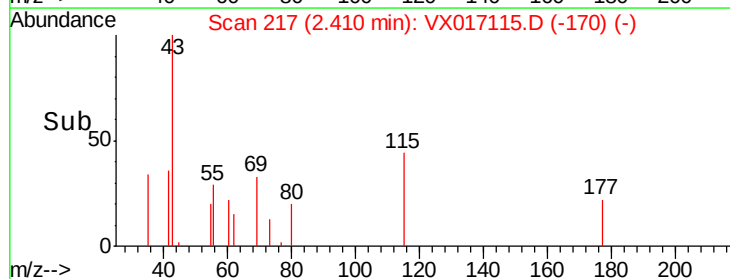
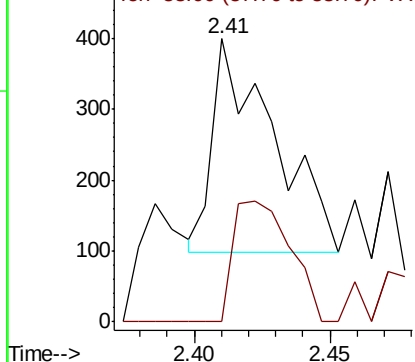


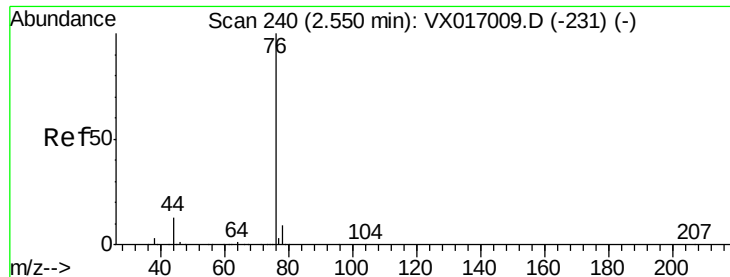
#16
 Acetone
 Concen: 0.467 ug/l
 RT: 2.41 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: VX017115.D
 Acq: 01 Jul 2020 22:27

Tgt Ion: 43 Resp: 469
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

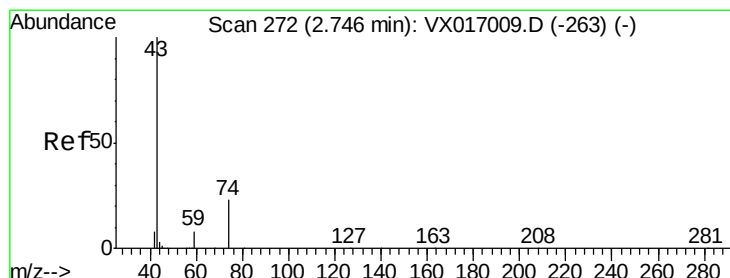
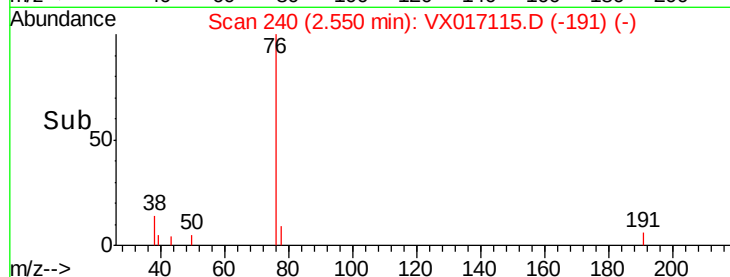
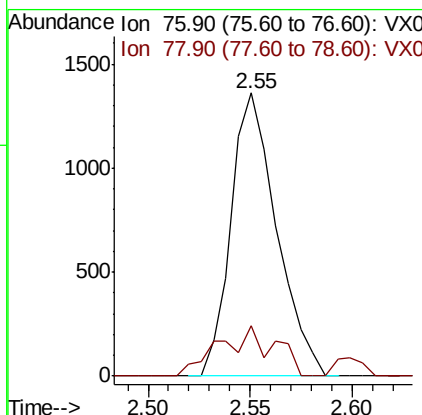
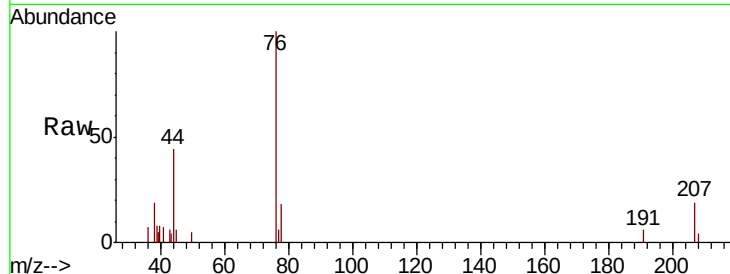




#17
Carbon Disulfide
Concen: 0.373 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017115.D
Acq: 01 Jul 2020 22:27

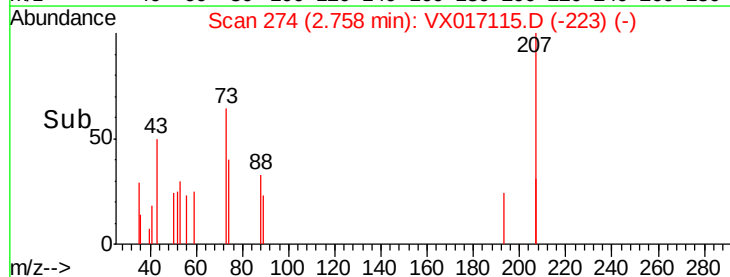
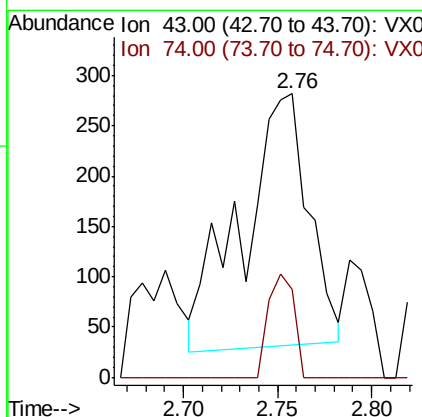
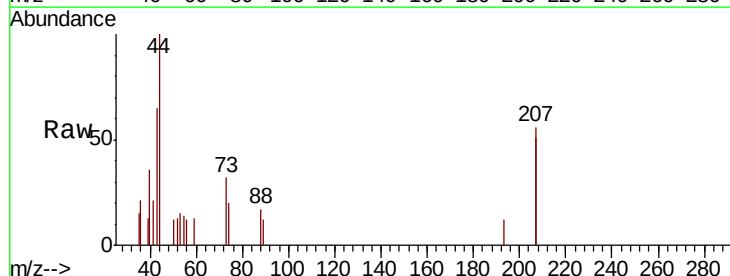
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL02

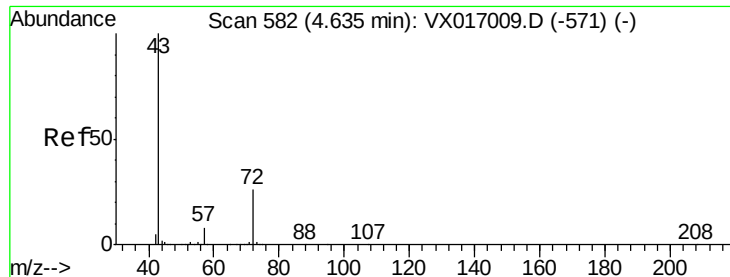
Tot Ion: 76 Resp: 2107
Ion Ratio Lower Upper
76 100
78 14.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX017115.D
Acq: 01 Jul 2020 22:27

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
74 15.9 19.3 28.9#

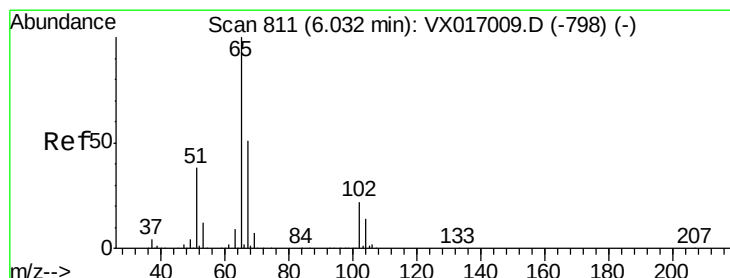
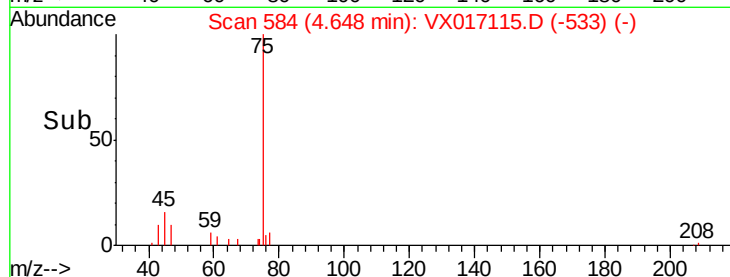
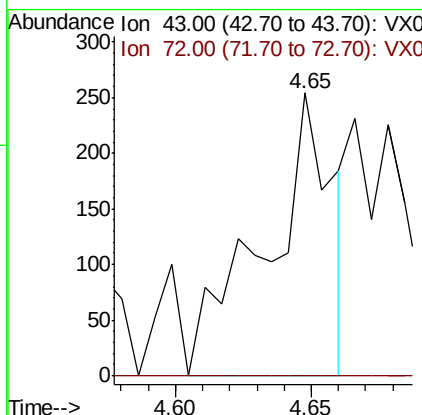
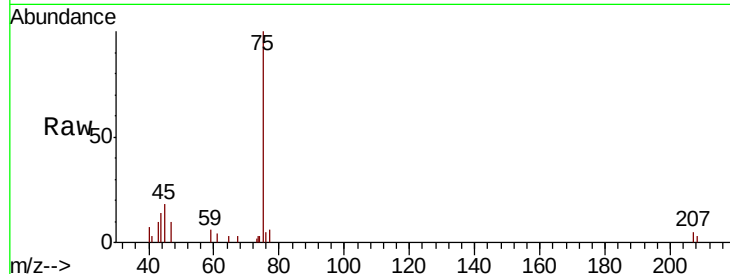




#25
2-Butanone
Concen: 0.261 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017115.D
Acq: 01 Jul 2020 22:27

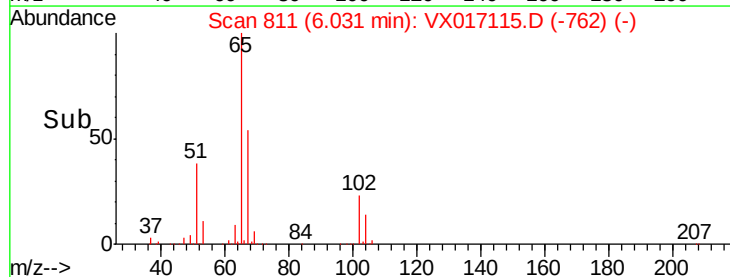
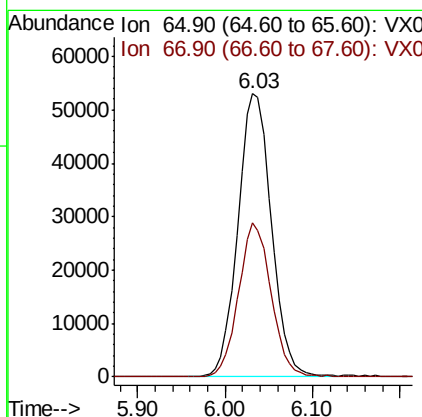
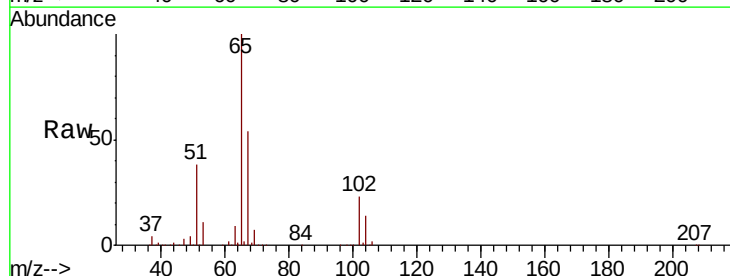
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL02

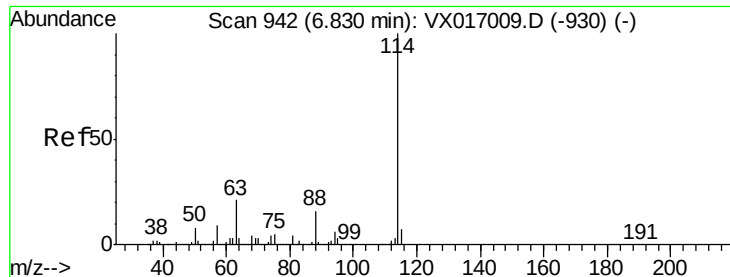
Tot Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#33
1,2-Dichloroethane-d4
Concen: 52.613 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017115.D
Acq: 01 Jul 2020 22:27

Tgt Ion: 65 Resp: 141157
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017115.D

Acq: 01 Jul 2020 22:27

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBL02

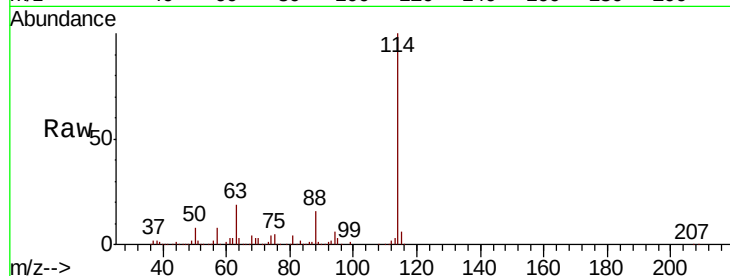
Tot Ion:114 Resp: 368738

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

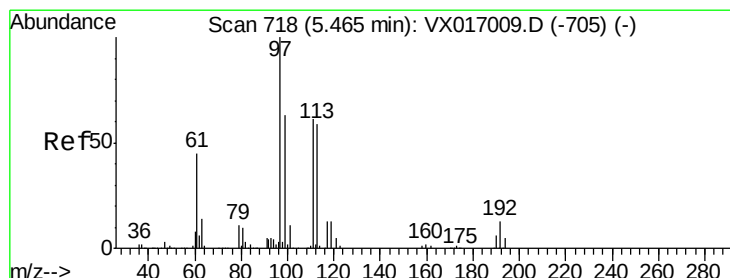
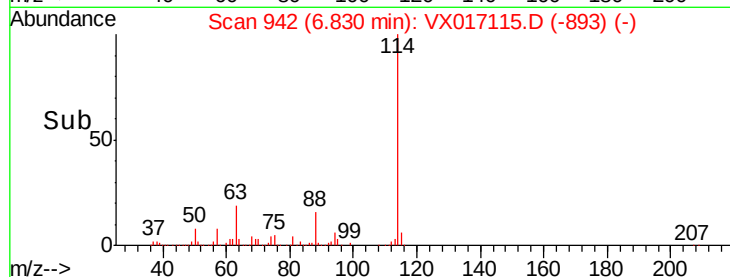
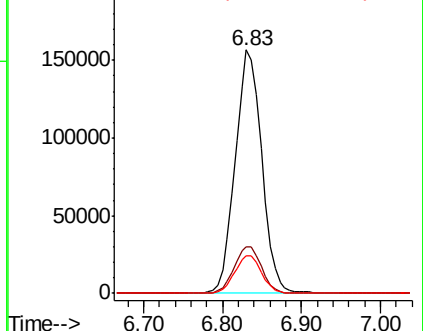
88 15.7 0.0 32.4



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



#35

Dibromofluoromethane

Concen: 52.321 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017115.D

Acq: 01 Jul 2020 22:27

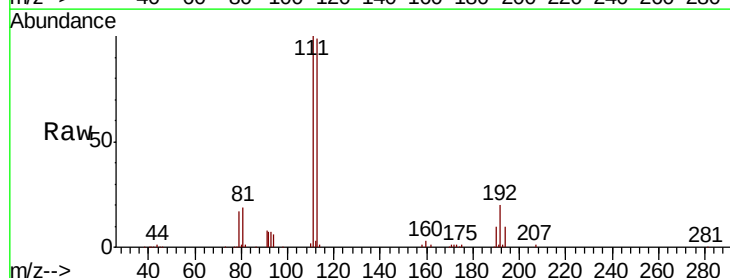
Tgt Ion:113 Resp: 122041

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

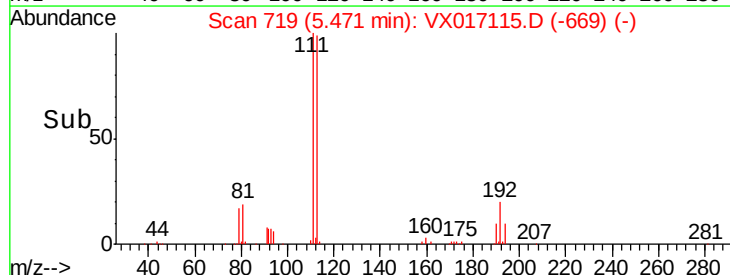
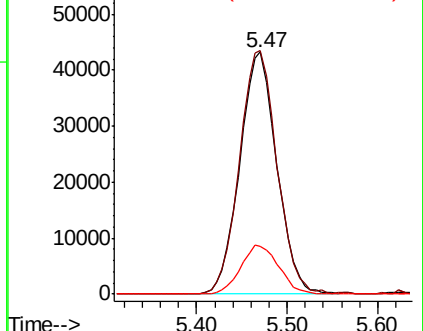
192 20.7 16.7 25.1

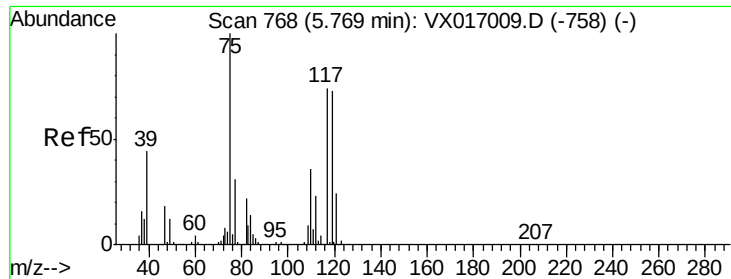


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.595 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017115.D

Acq: 01 Jul 2020 22:27

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBL02

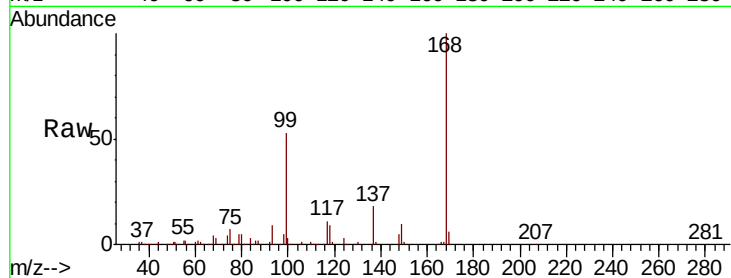
Tot Ion: 75 Resp: 16013

Ion Ratio Lower Upper

75 100

110 11.1 18.1 54.1#

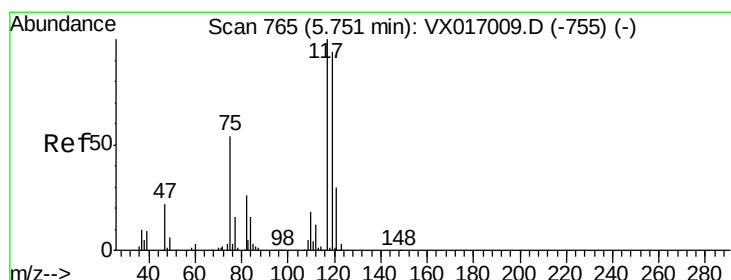
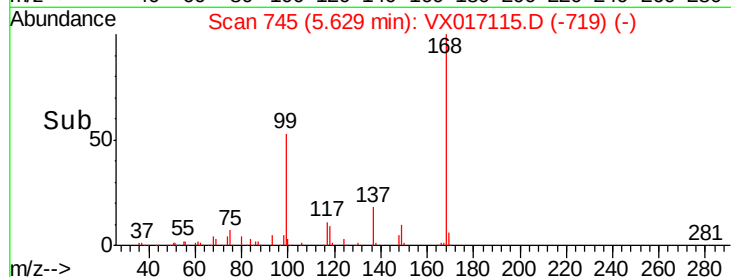
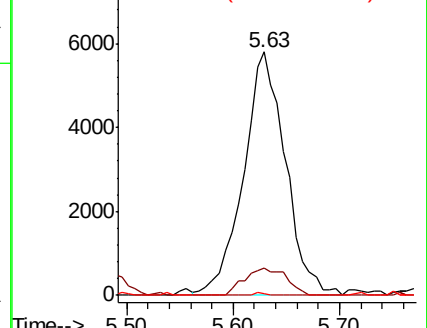
77 0.3 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.693 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX017115.D

Acq: 01 Jul 2020 22:27

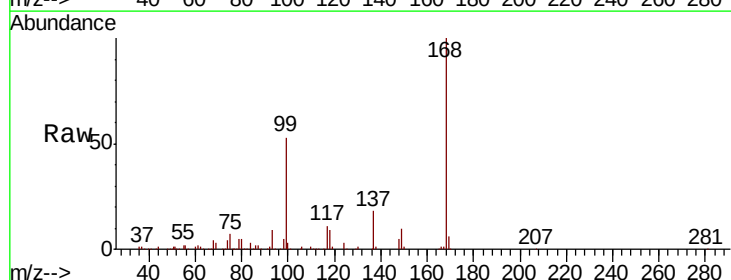
Tgt Ion:117 Resp: 21851

Ion Ratio Lower Upper

117 100

119 4.9 75.4 113.0#

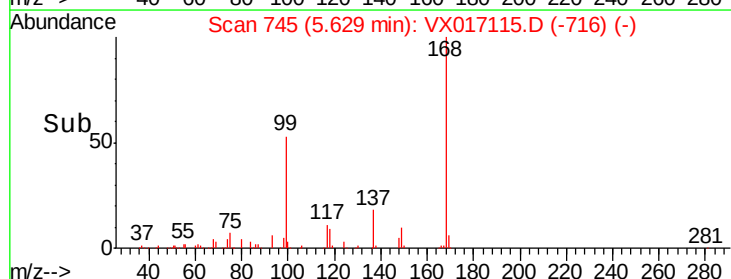
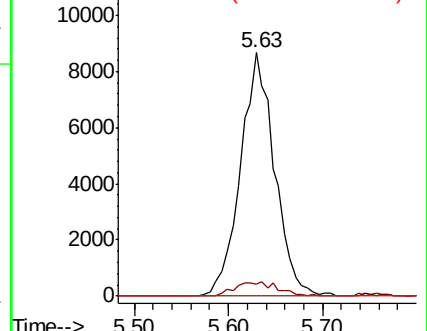
121 0.0 23.8 35.6#

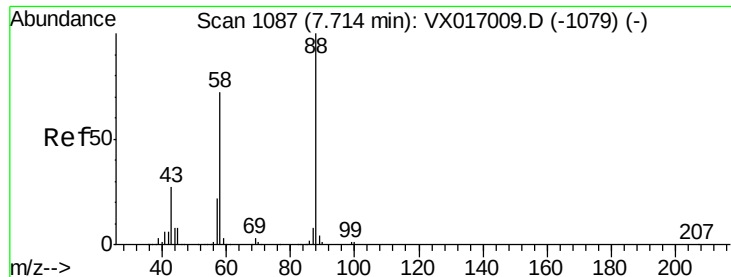


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

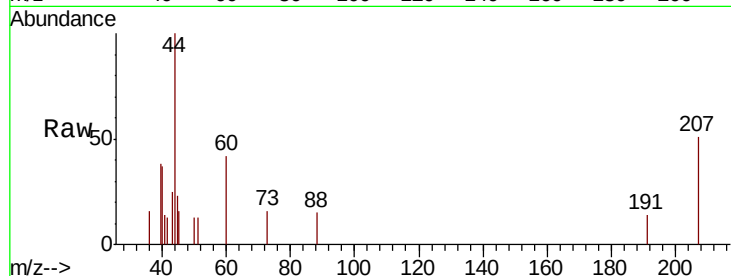




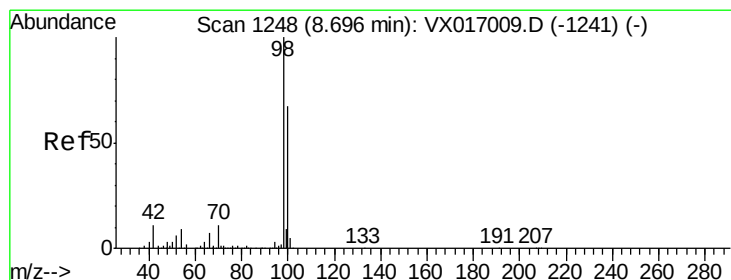
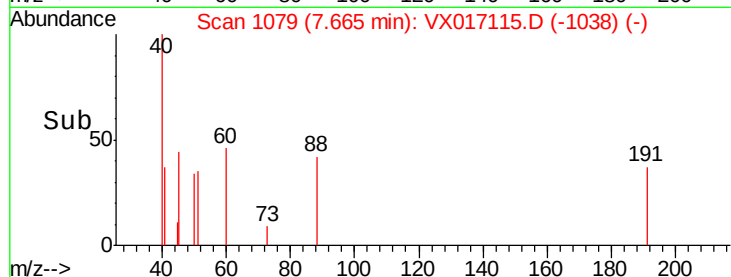
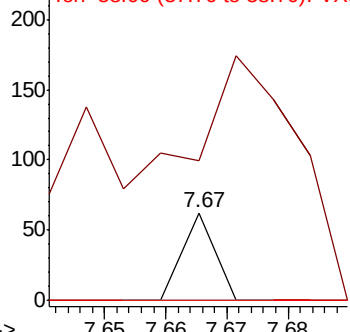
#49
1,4-Dioxane
Concen: 0.364 ug/l
RT: 7.67 min Scan# 1079
Delta R.T. -0.05 min
Lab File: VX017115.D
Acq: 01 Jul 2020 22:27

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL02

Tot Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 669.6 25.8 38.8#
58 0.0 54.8 82.2#

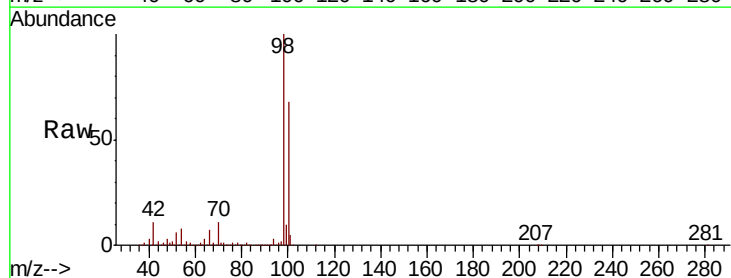


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

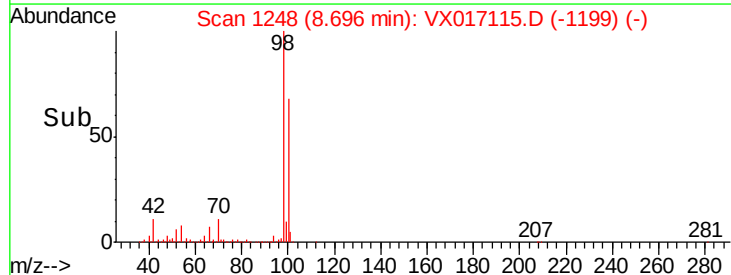
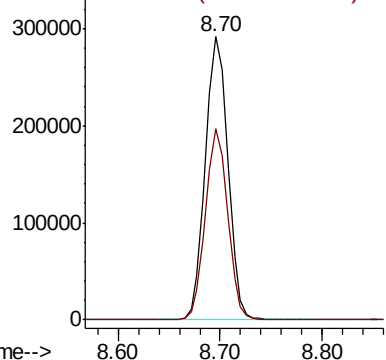


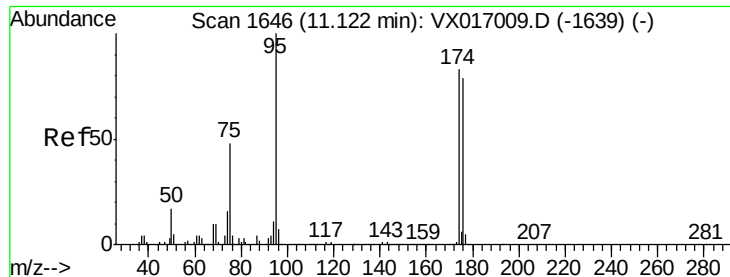
#50
Toluene-d8
Concen: 51.753 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017115.D
Acq: 01 Jul 2020 22:27

Tgt Ion: 98 Resp: 446380
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.459 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017115.D

Acq: 01 Jul 2020 22:27

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBL02

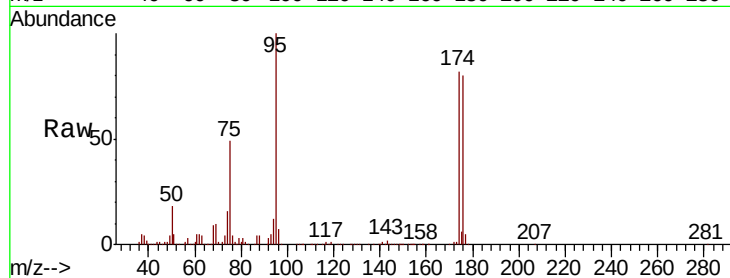
Tot Ion: 95 Resp: 186991

Ion Ratio Lower Upper

95 100

174 81.2 0.0 164.0

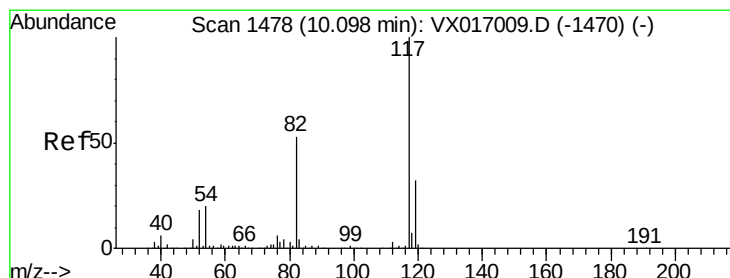
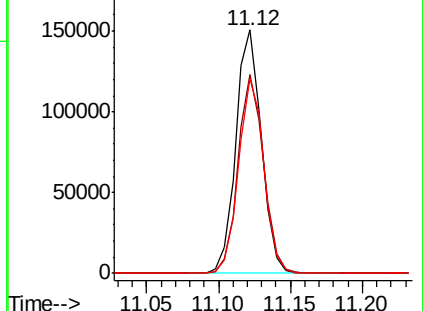
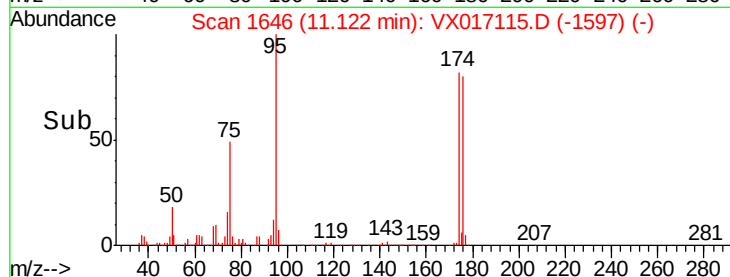
176 78.9 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX017115.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017115.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017115.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017115.D

Acq: 01 Jul 2020 22:27

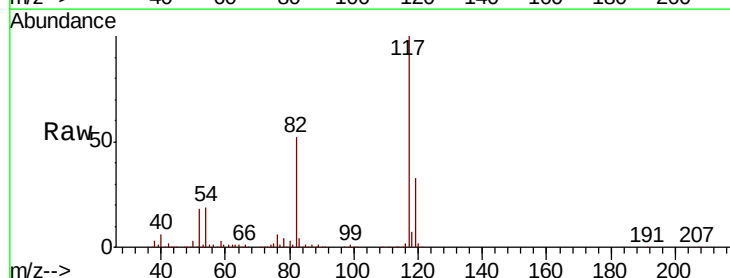
Tgt Ion: 117 Resp: 374401

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

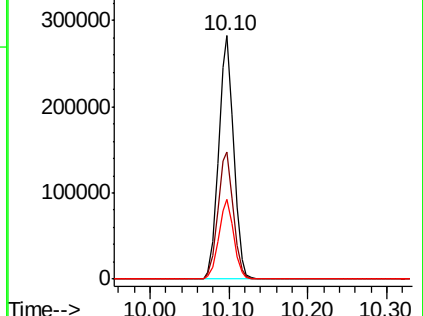
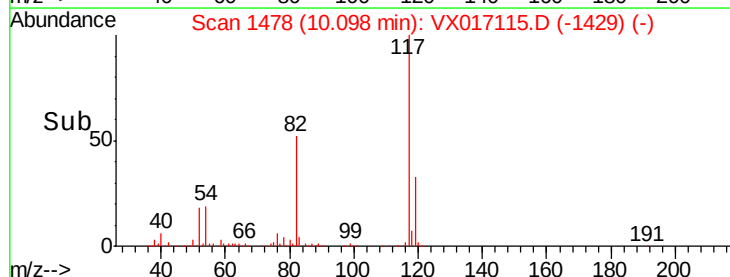
119 32.7 25.4 38.2

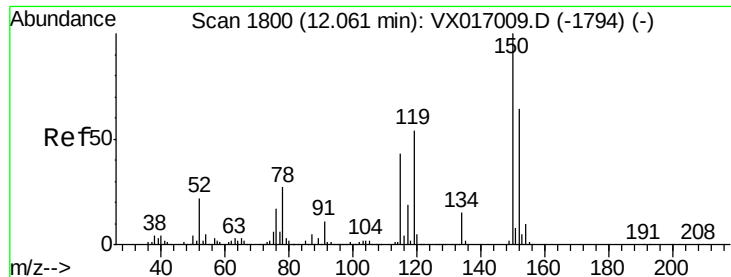


Abundance Ion 116.90 (116.60 to 117.60): VX017115.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017115.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017115.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017115.D

Acq: 01 Jul 2020 22:27

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBL02

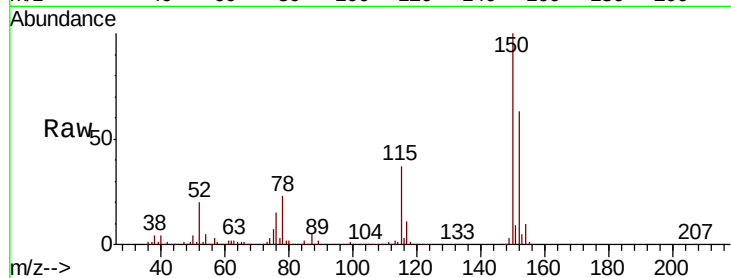
Tot Ion:152 Resp: 193755

Ion Ratio Lower Upper

152 100

115 59.3 40.9 122.7

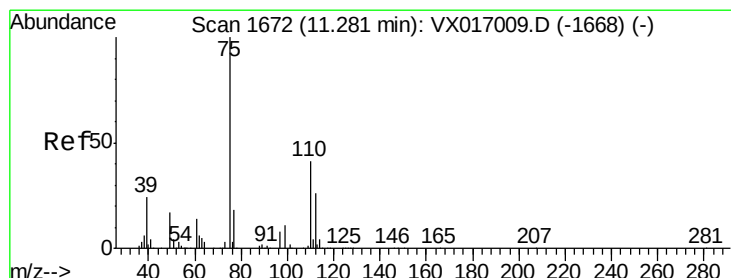
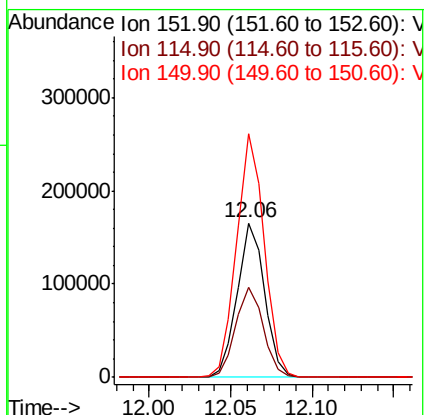
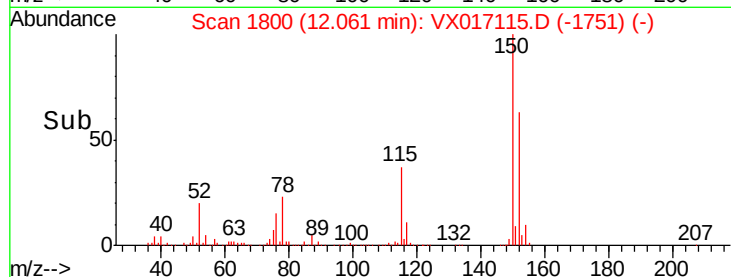
150 158.9 0.0 351.6



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: 24.147 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017115.D

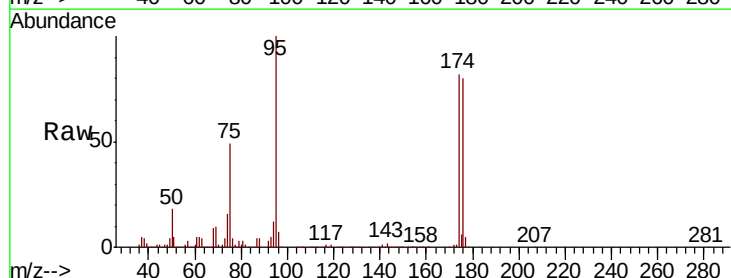
Acq: 01 Jul 2020 22:27

Tgt Ion: 75 Resp: 92002

Ion Ratio Lower Upper

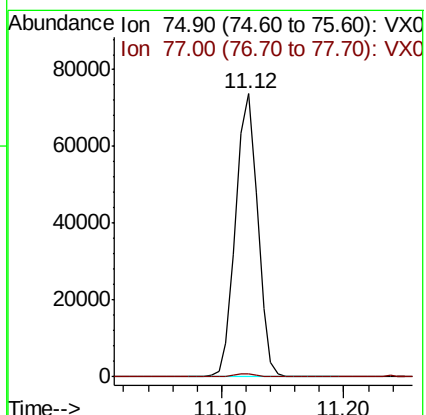
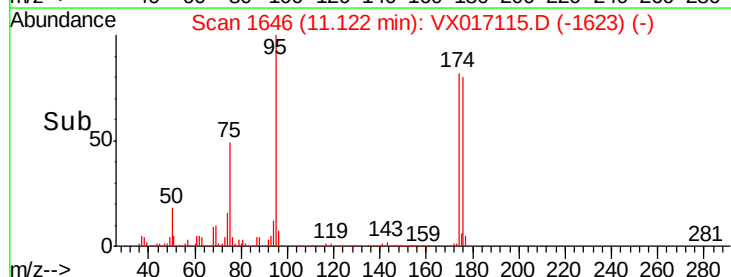
75 100

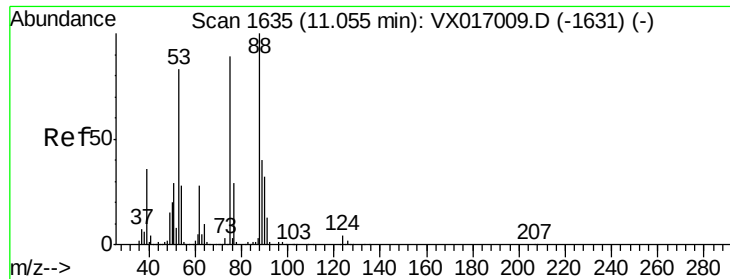
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

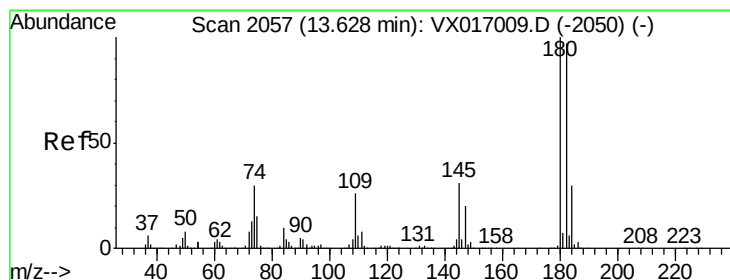
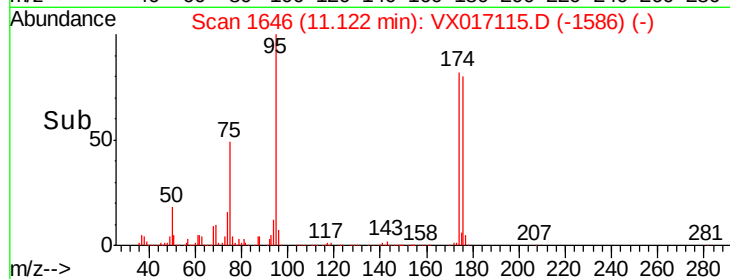
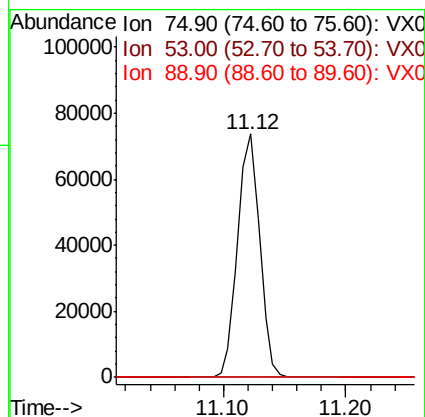
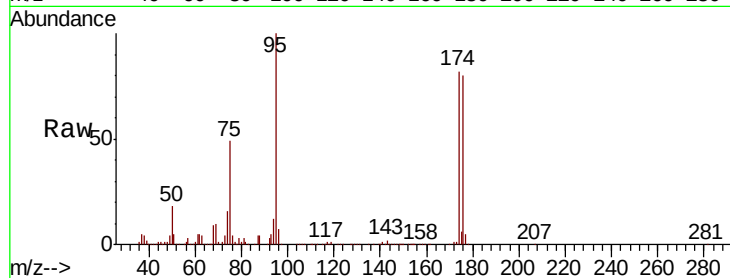




#81
trans-1,4-Dichloro-2-butene
Concen: 62.532 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017115.D
Acq: 01 Jul 2020 22:27

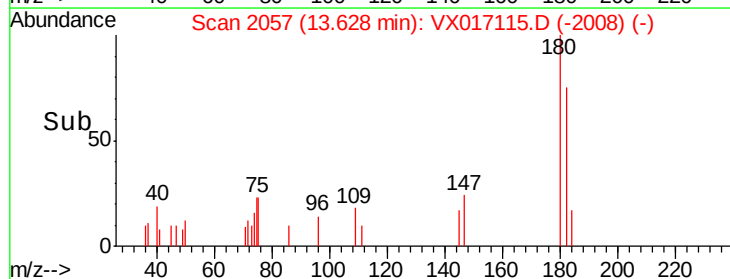
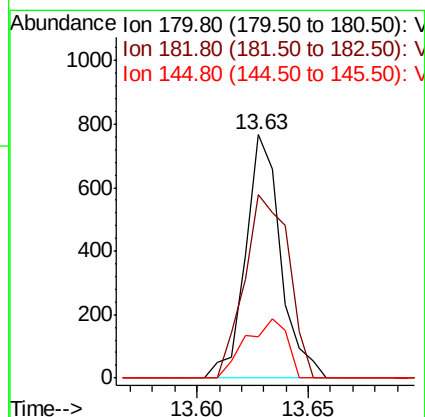
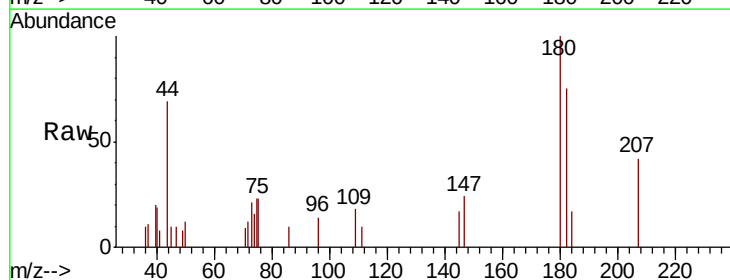
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL02

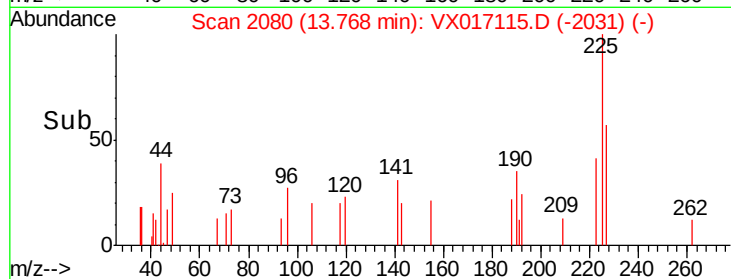
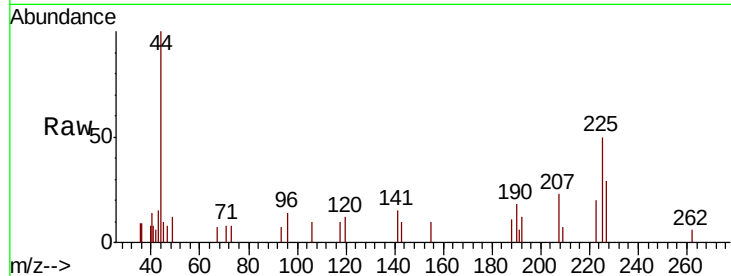
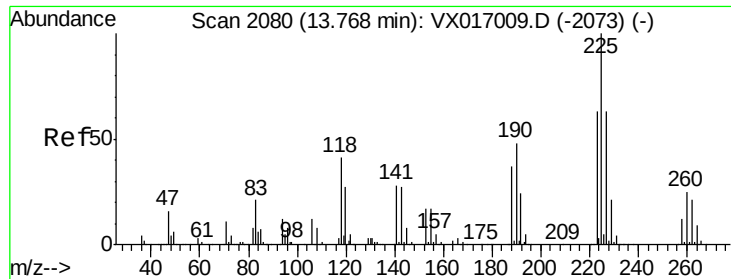
Tot Ion: 75 Resp: 92002
Ion Ratio Lower Upper
75 100
53 0.3 72.4 108.6#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.209 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017115.D
Acq: 01 Jul 2020 22:27

Tgt Ion:180 Resp: 844
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 28.3 15.4 46.2





#94

Hexachlorobutadiene

Concen: 1.120 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017115.D

Acq: 01 Jul 2020 22:27

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBL02

Tot Ion:225 Resp: 430

Ion Ratio Lower Upper

225 100

223 57.7 32.5 97.5

227 50.7 33.1 99.2

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

