

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070720\NOT REVIEWED DATA\
 Data File : VX017192.D
 Acq On : 07 Jul 2020 10:37
 Operator : JC/SP
 Sample : VX0707WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBL01

Quant Time: Jul 10 12:10:40 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	5.63	168	262133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	435382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222201	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	170315	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	5.46	113	145242	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	8.70	98	515081	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.12	95	207665	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

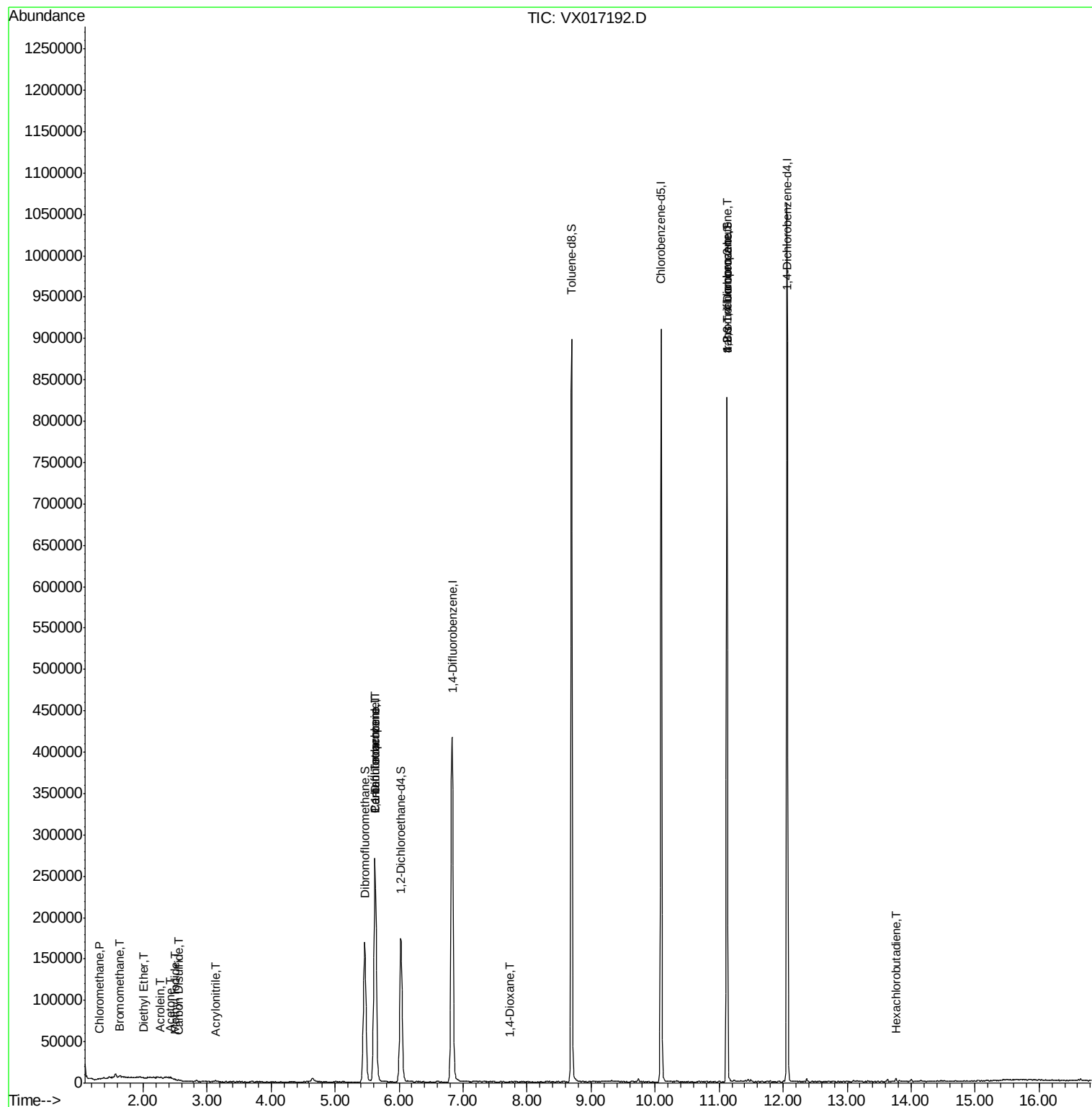
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	809	0.264	ug/l #	59
5) Bromomethane	1.64	94	774	0.514	ug/l #	58
8) Diethyl Ether	2.01	74	196	0.503	ug/l	98
10) Methyl Iodide	2.49	142	1180	0.362	ug/l #	96
13) Acrolein	2.26	56	421	1.142	ug/l #	70
15) Acrylonitrile	3.12	53	501	0.338	ug/l #	18
16) Acetone	2.42	43	1588	1.314	ug/l #	72
17) Carbon Disulfide	2.55	76	2077	0.310	ug/l #	90
20) Methylene Chloride	2.84	84	940	Below Cal	#	70
36) 1,1-Dichloropropene	5.62	75	19072	4.662	ug/l #	51
38) Carbon Tetrachloride	5.63	117	25899	5.747	ug/l #	17
44) Trichloroethene	7.19	130	213	Below Cal		56
49) 1,4-Dioxane	7.73	88	50	0.673	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	105108	24.055	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	105108	62.294	ug/l #	13
88) 1,4-Dichlorobenzene	12.01	146	625	Below Cal		91
94) Hexachlorobutadiene	13.77	225	576	1.166	ug/l	99

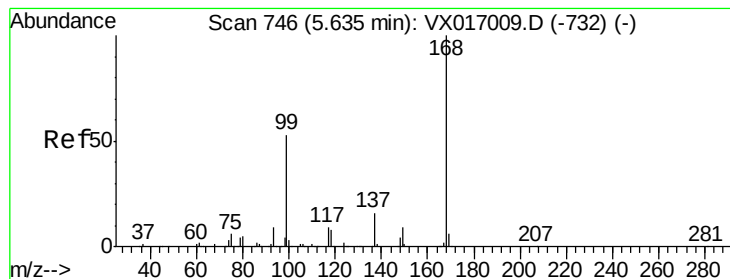
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Instrument :

MSVOA_X

ClientSampled :

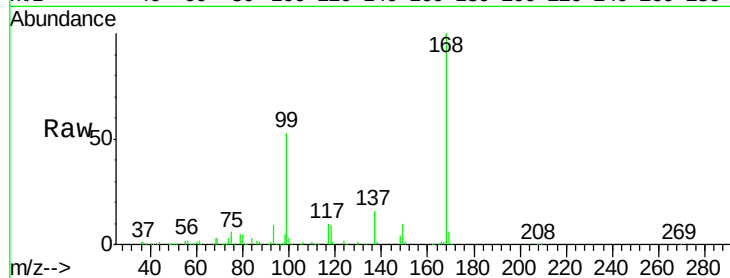
VX0707WBL01

Tgt Ion:168 Resp: 262133

Ion Ratio Lower Upper

168 100

99 52.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

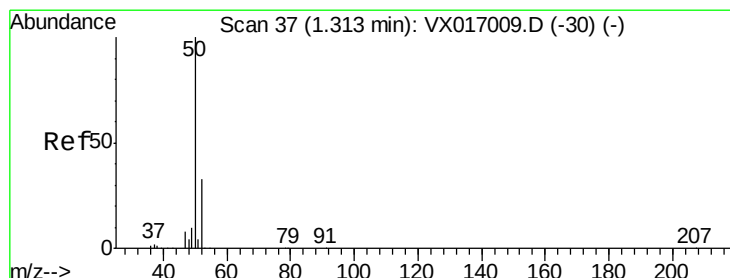
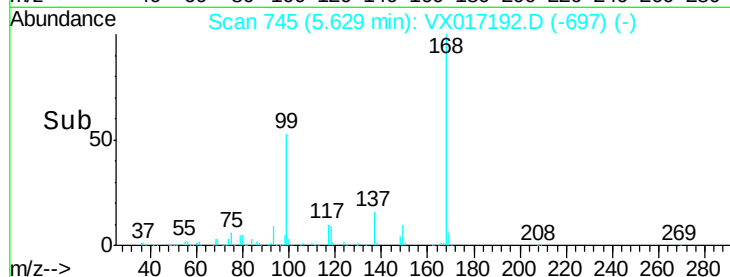
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.264 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017192.D

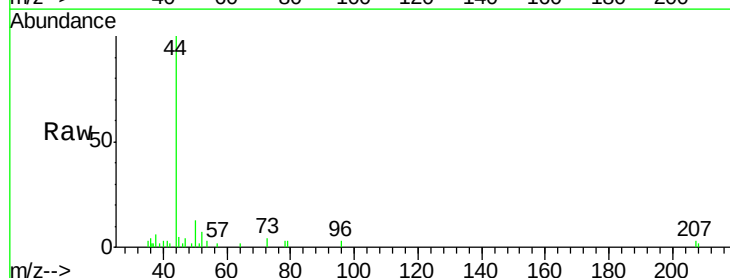
Acq: 07 Jul 2020 10:37

Tgt Ion: 50 Resp: 809

Ion Ratio Lower Upper

50 100

52 55.8 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

400

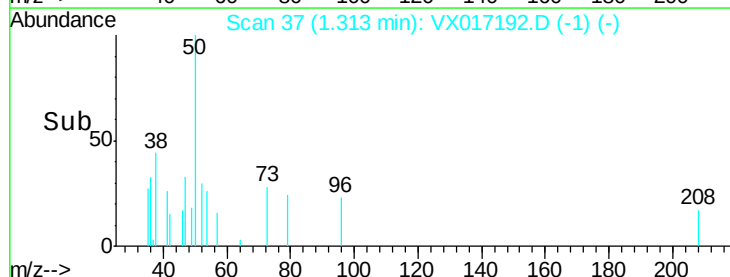
300

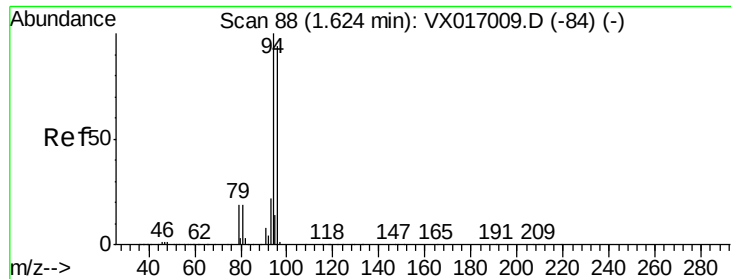
200

100

0

Time-->





#5

Bromomethane

Concen: 0.514 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

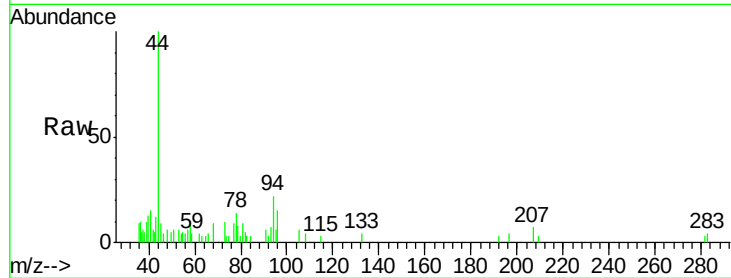
VX0707WBL01

Tgt Ion: 94 Resp: 774

Ion Ratio Lower Upper

94 100

96 53.2 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

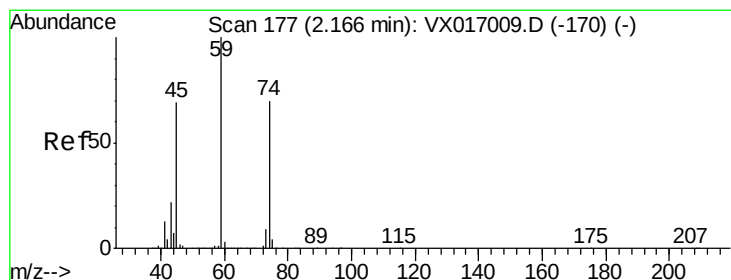
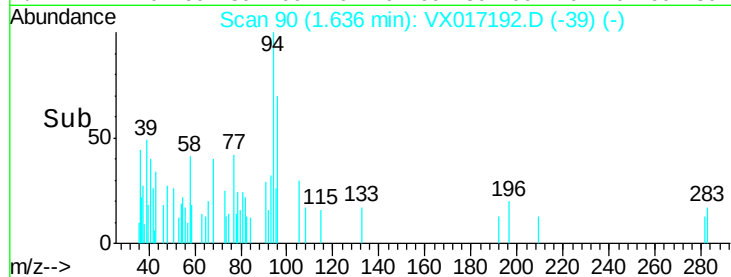
300

200

100

0

Time-->



#8

Diethyl Ether

Concen: 0.503 ug/l

RT: 2.01 min Scan# 152

Delta R.T. -0.15 min

Lab File: VX017192.D

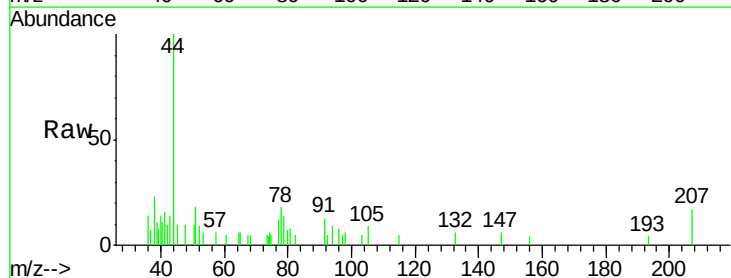
Acq: 07 Jul 2020 10:37

Tgt Ion: 74 Resp: 196

Ion Ratio Lower Upper

74 100

45 101.0 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

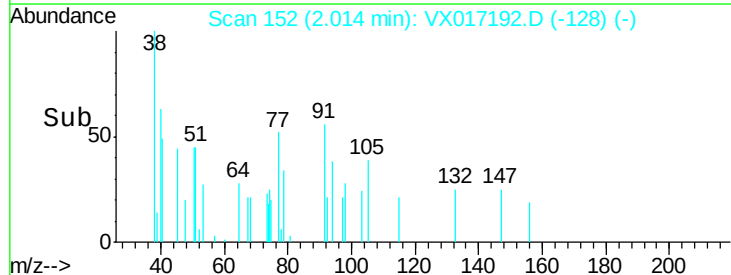
300

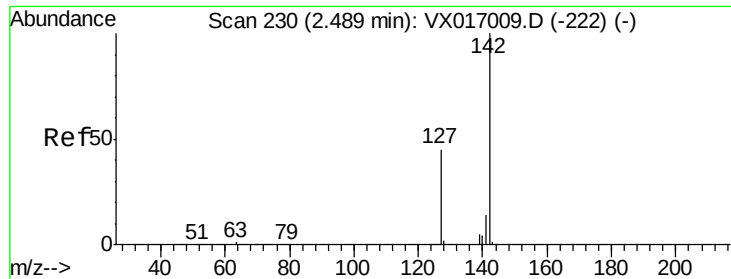
200

100

0

Time-->

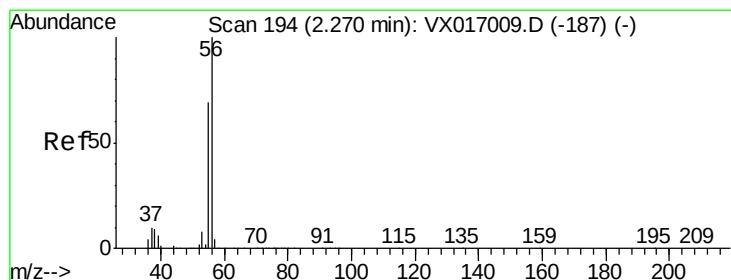
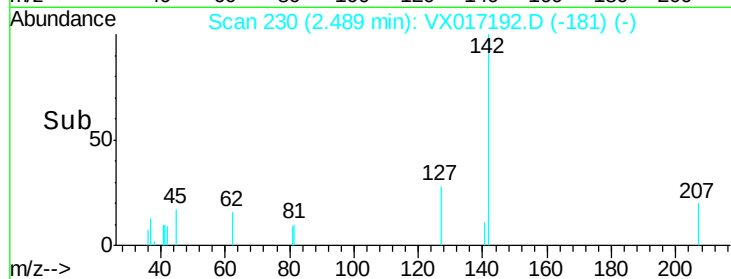
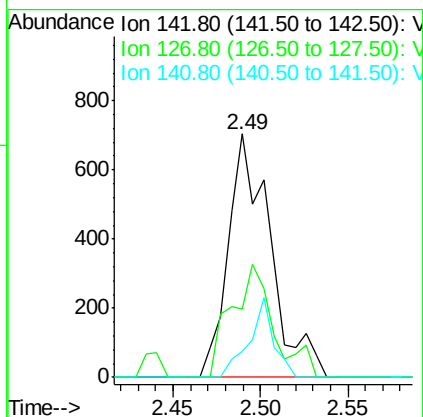
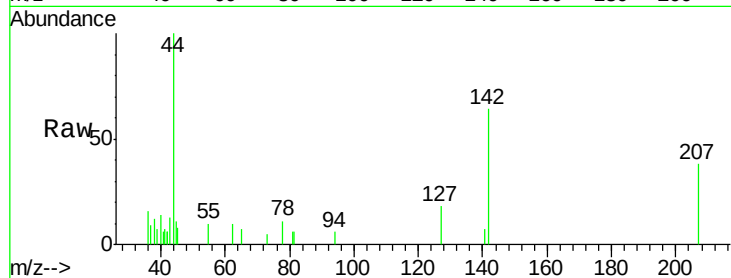




#10
Methyl Iodide
Concen: 0.362 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX017192.D
Acq: 07 Jul 2020 10:37

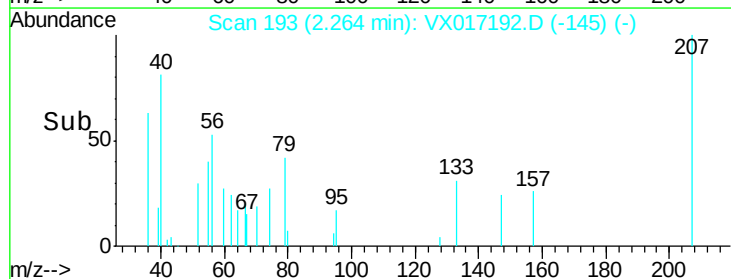
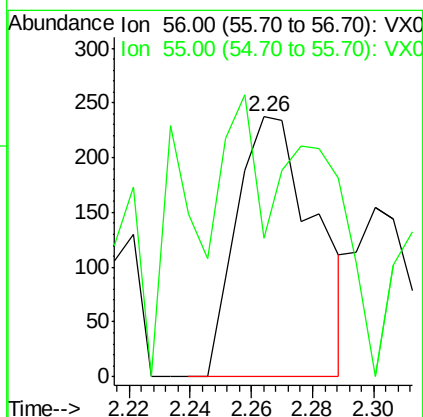
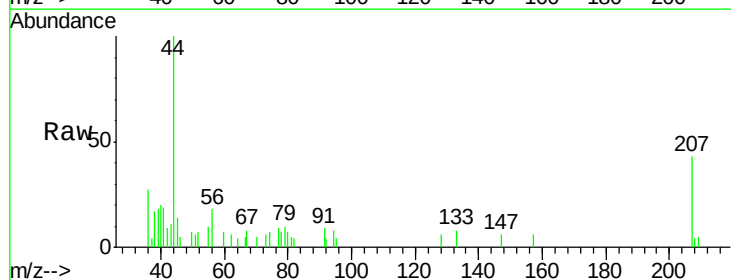
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

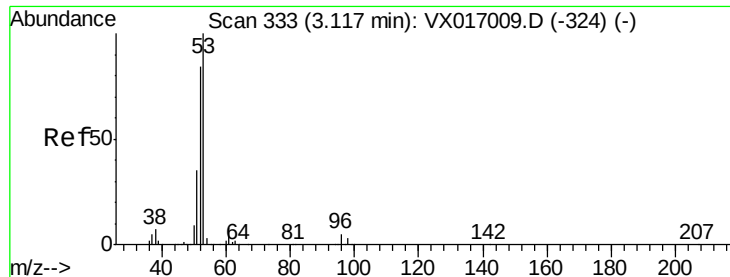
Tgt Ion: 142 Resp: 1180
Ion Ratio Lower Upper
142 100
127 46.5 36.6 54.8
141 18.9 11.6 17.4#



#13
Acrolein
Concen: 1.142 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX017192.D
Acq: 07 Jul 2020 10:37

Tgt Ion: 56 Resp: 421
Ion Ratio Lower Upper
56 100
55 94.5 55.7 83.5#





#15

Acrylonitrile

Concen: 0.338 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

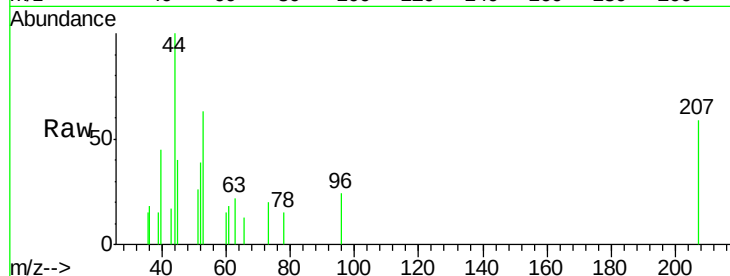
Tgt Ion: 53 Resp: 501

Ion Ratio Lower Upper

53 100

52 0.0 65.6 98.4#

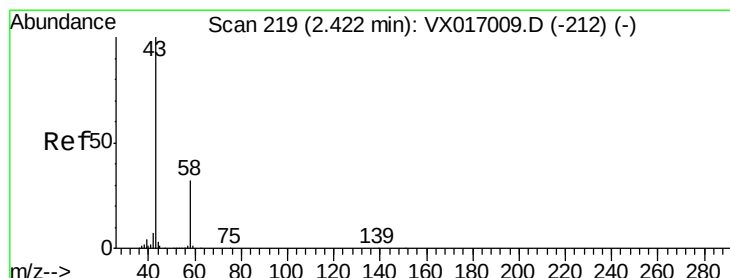
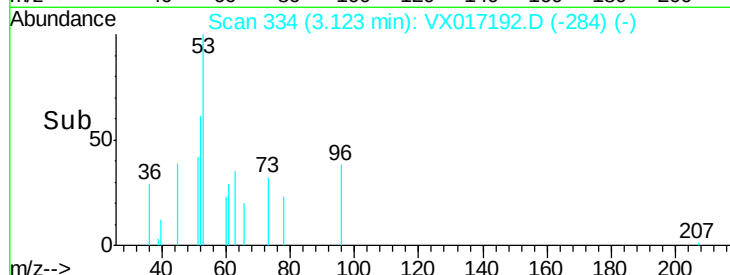
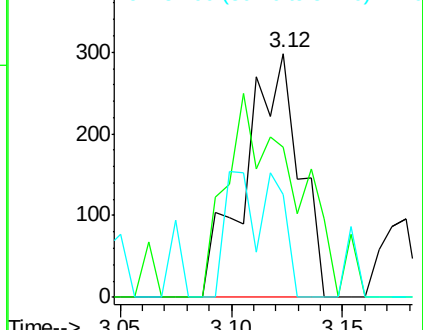
51 0.0 28.3 42.5#



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: 1.314 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017192.D

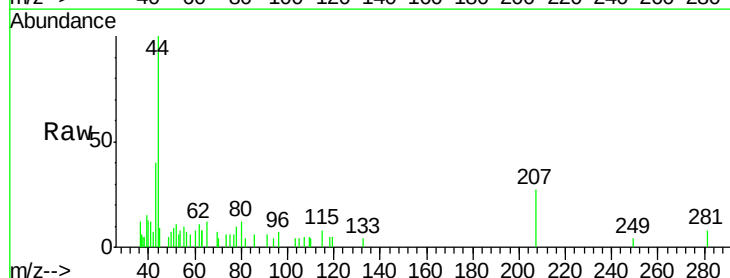
Acq: 07 Jul 2020 10:37

Tgt Ion: 43 Resp: 1588

Ion Ratio Lower Upper

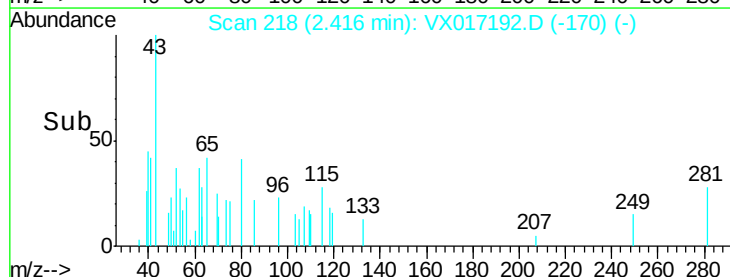
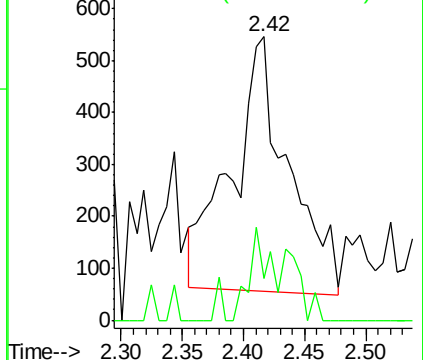
43 100

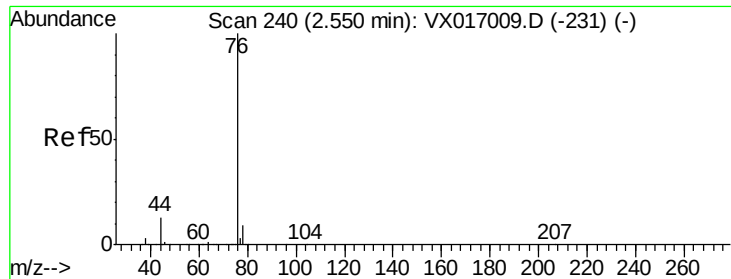
58 16.7 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.310 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

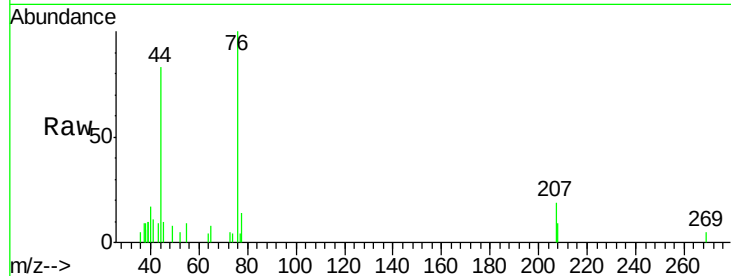
VX0707WBL01

Tgt Ion: 76 Resp: 2077

Ion Ratio Lower Upper

76 100

78 5.4 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

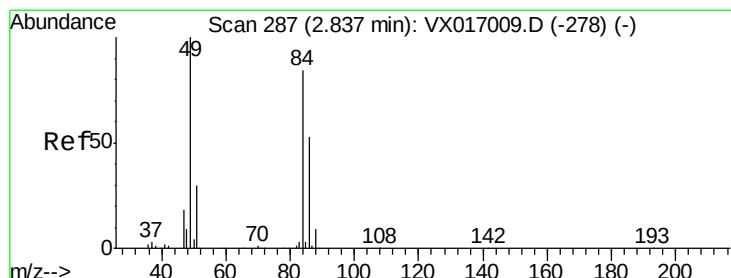
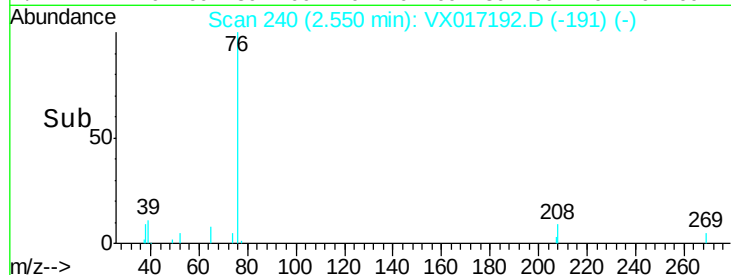
1000

500

0

Time-->

2.50 2.55 2.60



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Tgt Ion: 84 Resp: 940

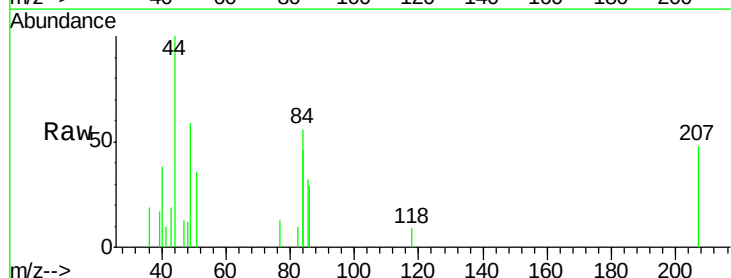
Ion Ratio Lower Upper

84 100

49 58.5 94.7 142.1#

51 35.8 28.6 42.8

86 60.8 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

800

600

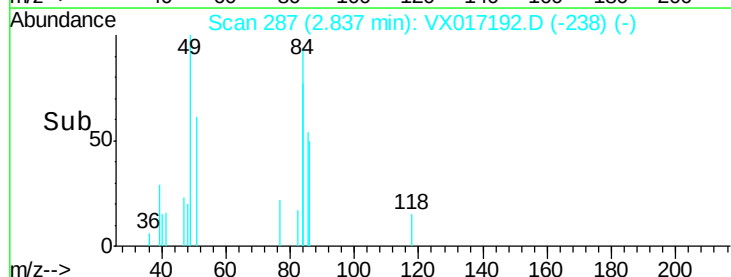
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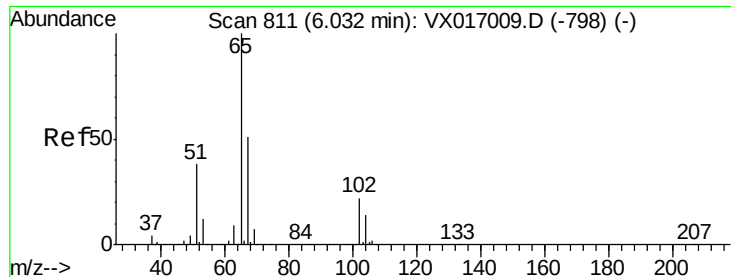
200

0

Time-->

2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 52.703 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

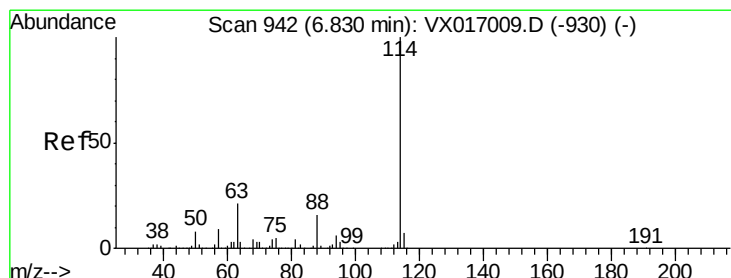
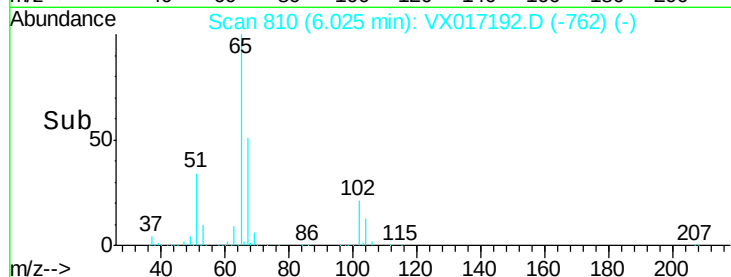
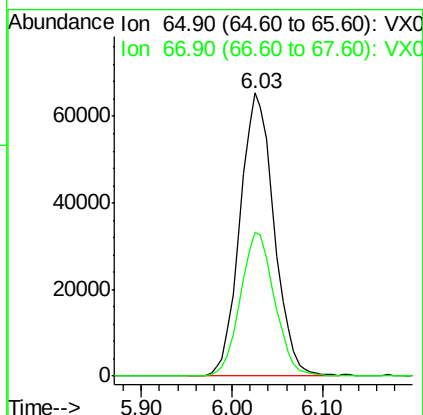
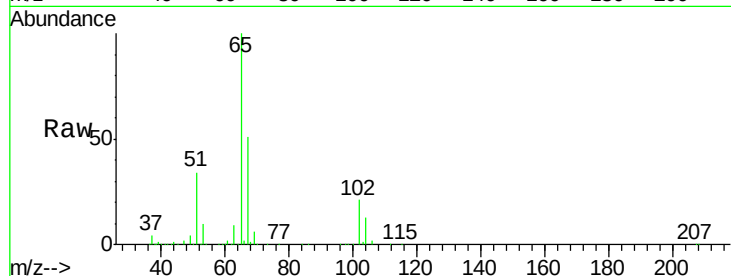
VX0707WBL01

Tgt Ion: 65 Resp: 170315

Ion Ratio Lower Upper

65 100

67 50.8 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: VX017192.D

Acq: 07 Jul 2020 10:37

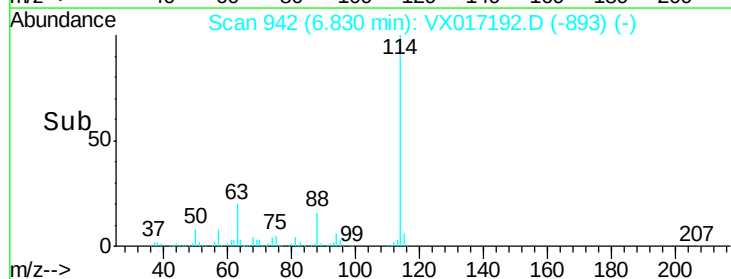
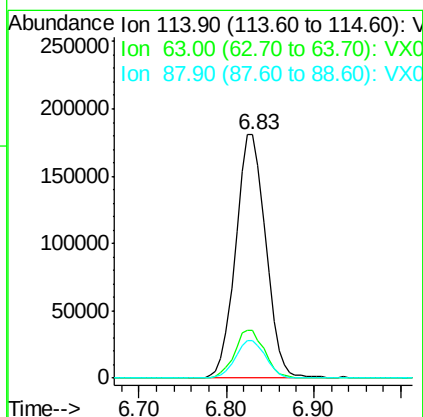
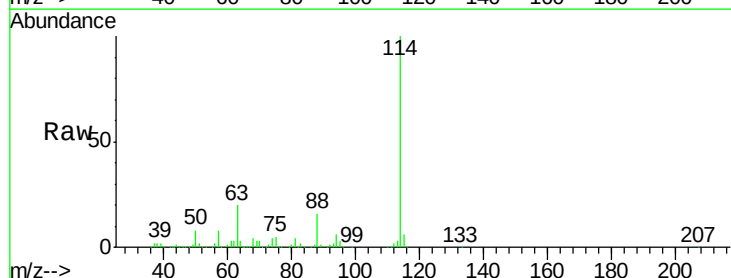
Tgt Ion: 114 Resp: 432876

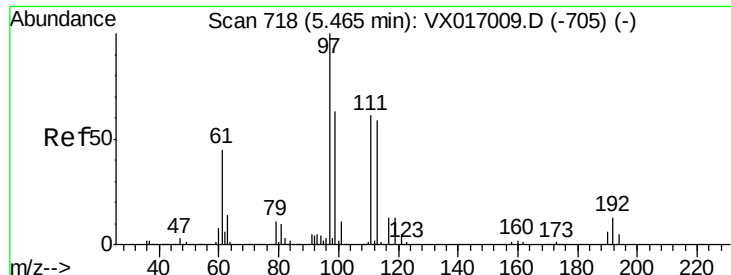
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 15.6 0.0 32.4

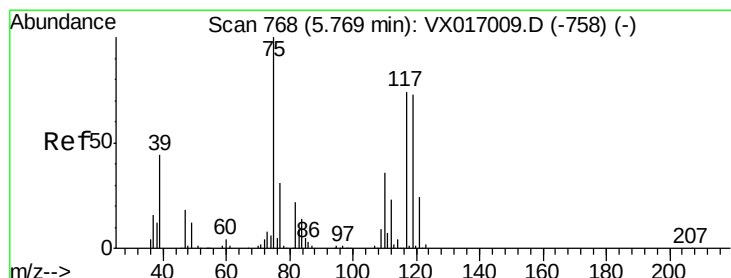
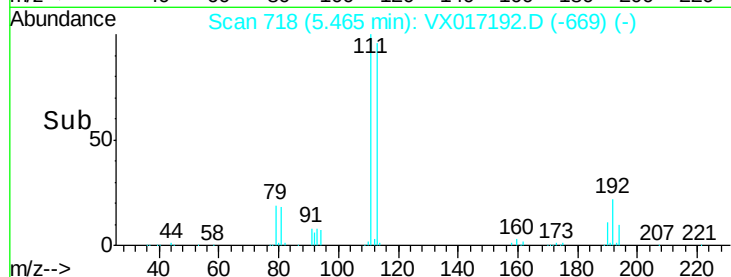
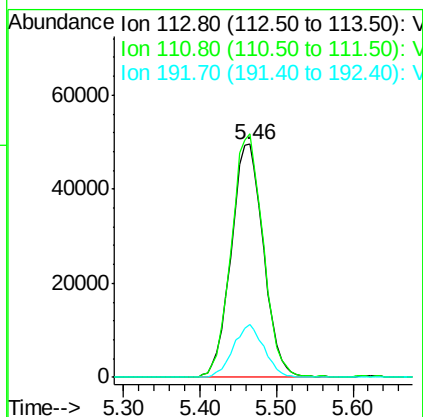
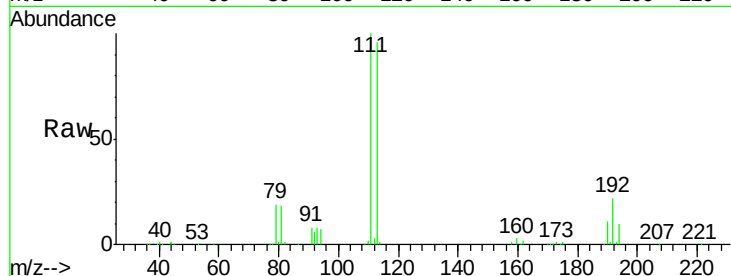




#35
 Dibromofluoromethane
 Concen: 53.042 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017192.D
 Acq: 07 Jul 2020 10:37

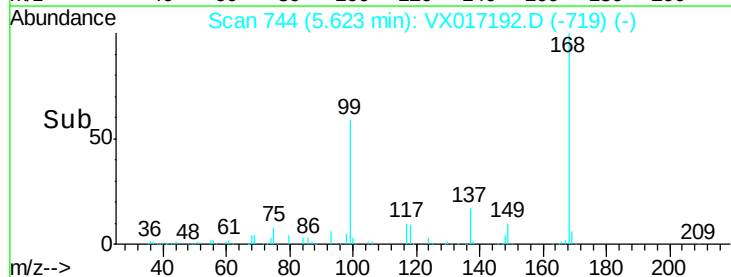
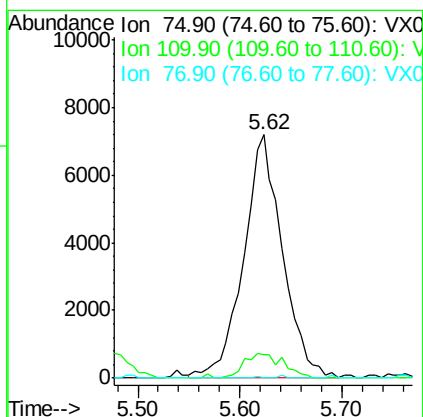
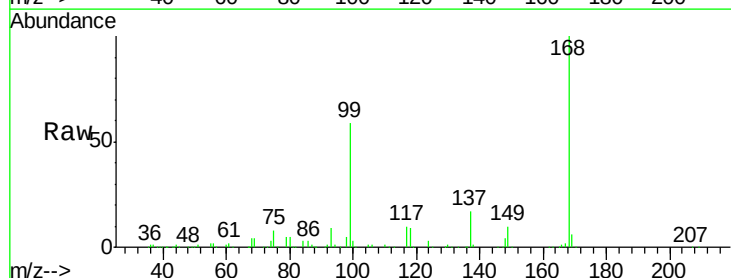
Instrument :
 MSVOA_X
 ClientSampled :
 VX0707WBL01

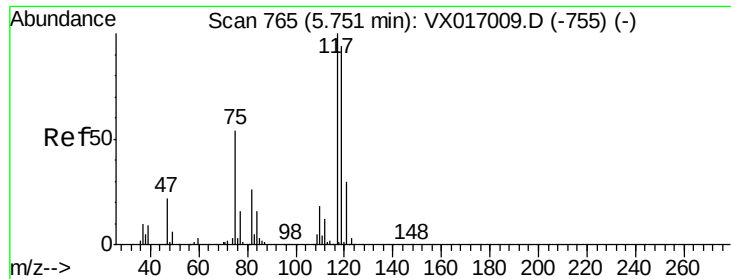
Tgt Ion:113 Resp: 145242
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 21.7 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 4.662 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX017192.D
 Acq: 07 Jul 2020 10:37

Tgt Ion: 75 Resp: 19072
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.1 54.1#
 77 0.1 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.747 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

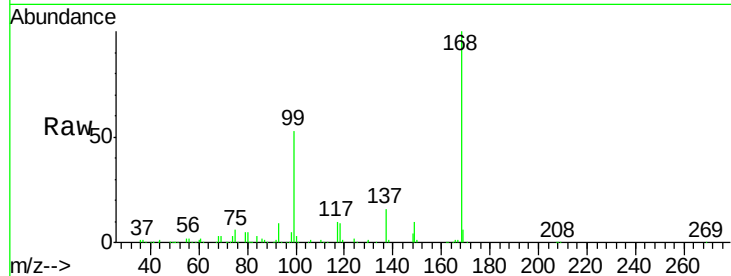
Tgt Ion:117 Resp: 25899

Ion Ratio Lower Upper

117 100

119 5.9 75.4 113.0#

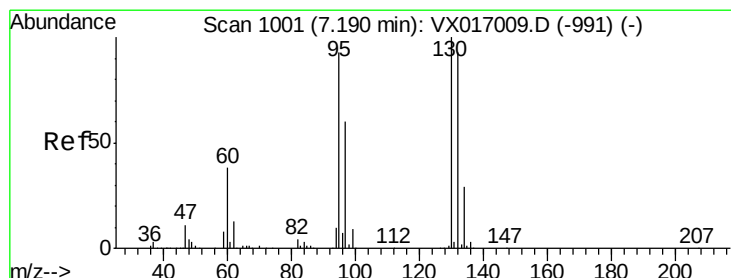
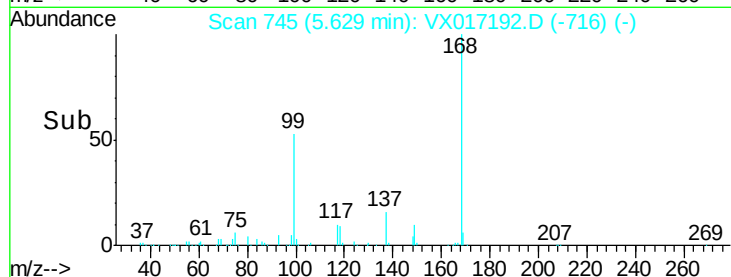
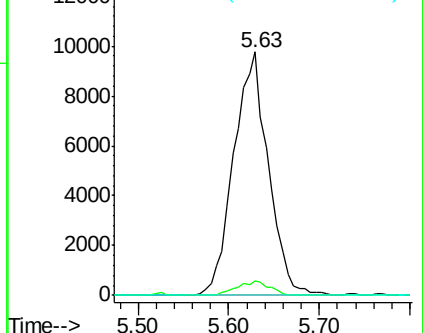
121 0.0 23.8 35.6#



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



#44

Trichloroethene

Concen: Below Cal

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017192.D

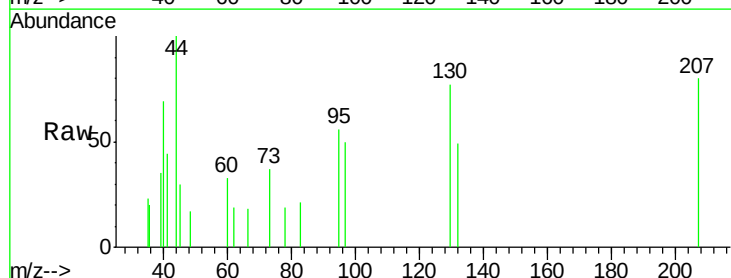
Acq: 07 Jul 2020 10:37

Tgt Ion:130 Resp: 213

Ion Ratio Lower Upper

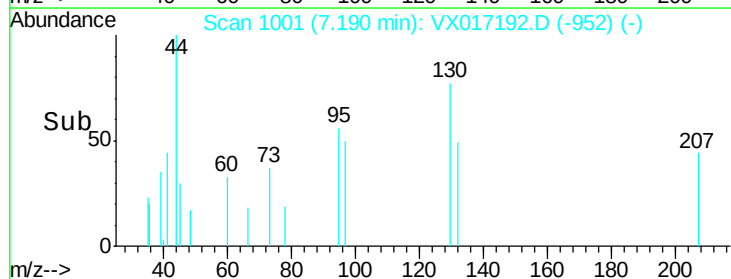
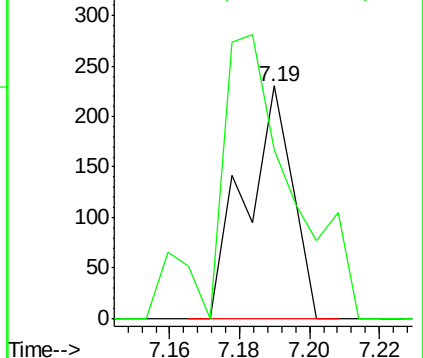
130 100

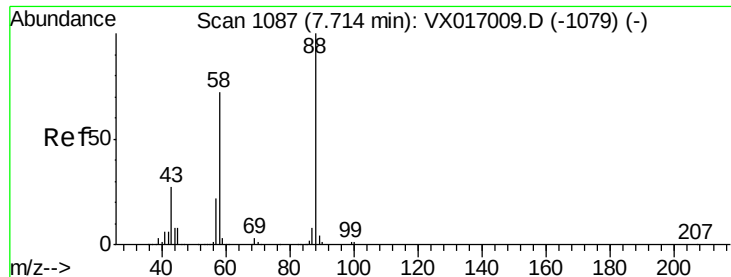
95 50.0 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

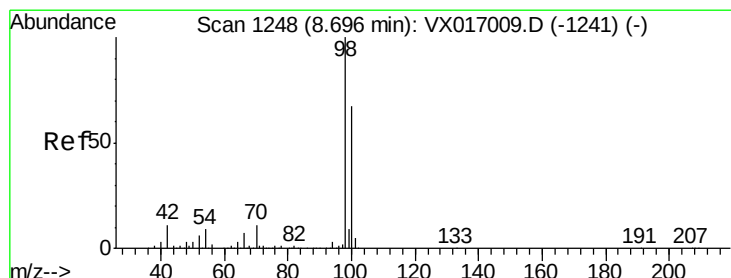
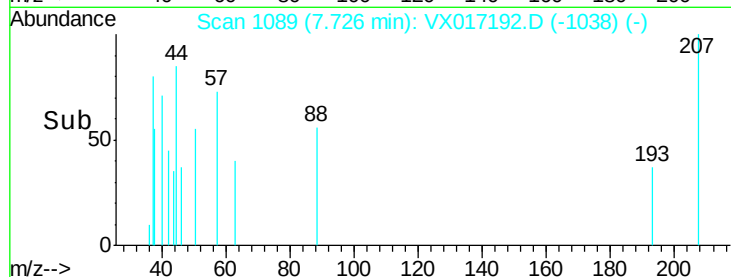
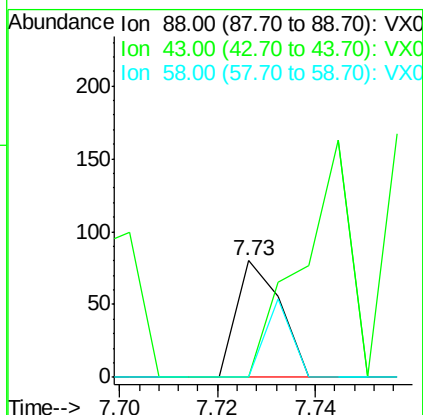
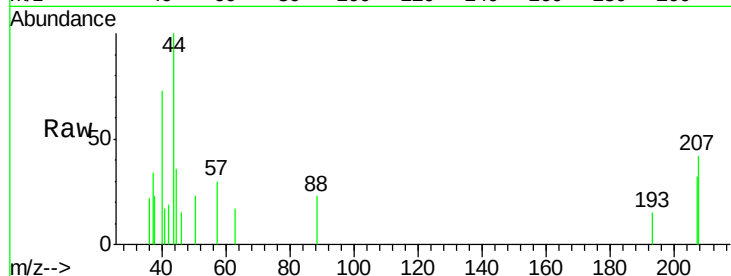




#49
1,4-Dioxane
Concen: 0.673 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX017192.D
Acq: 07 Jul 2020 10:37

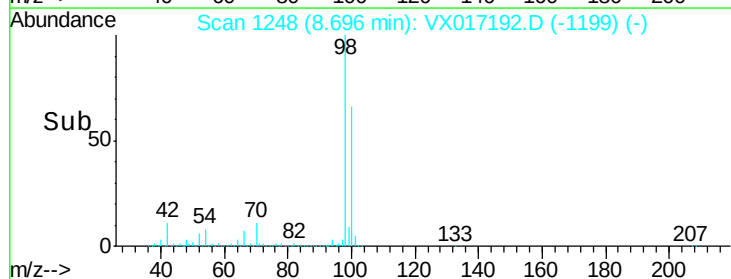
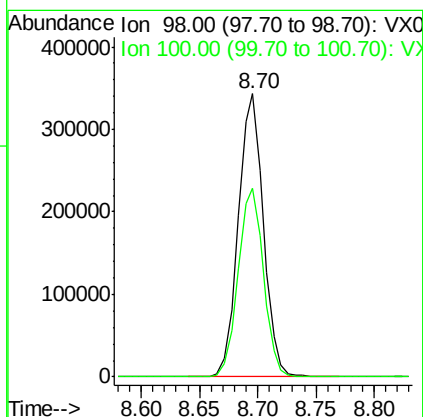
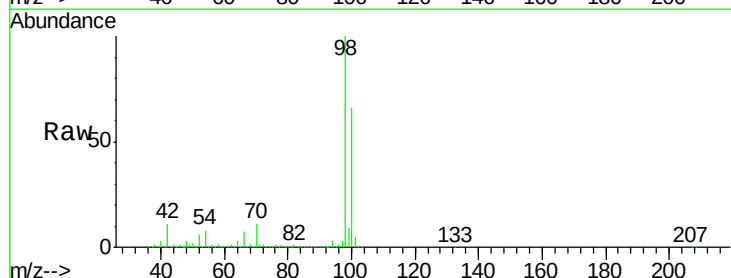
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

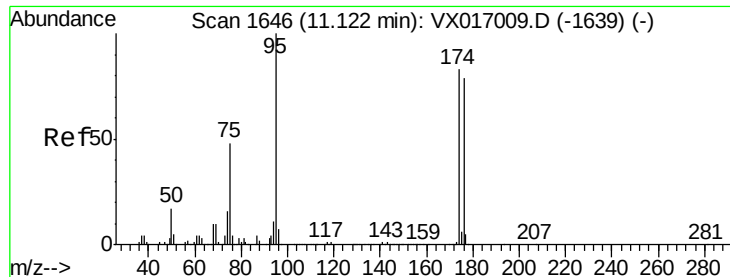
Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 224.0 25.8 38.8#
58 40.0 54.8 82.2#



#50
Toluene-d8
Concen: 50.870 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017192.D
Acq: 07 Jul 2020 10:37

Tgt Ion: 98 Resp: 515081
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.6





#62

4-Bromofluorobenzene

Concen: 52.465 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

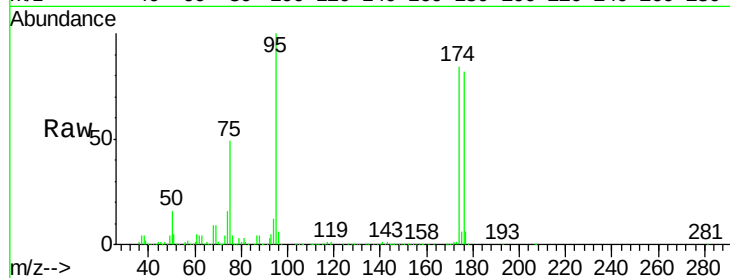
Tgt Ion: 95 Resp: 207665

Ion Ratio Lower Upper

95 100

174 85.9 0.0 164.0

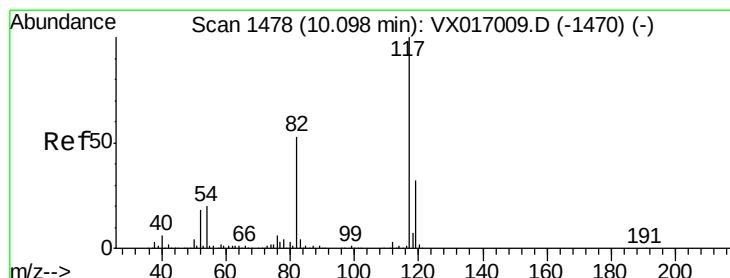
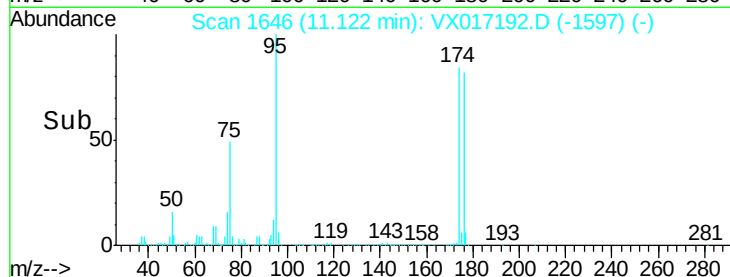
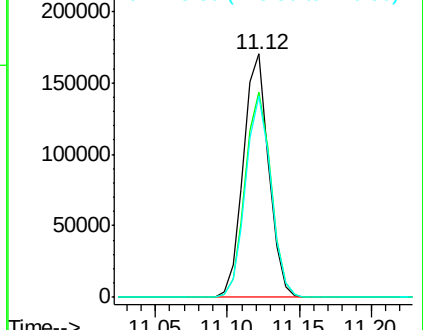
176 82.9 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

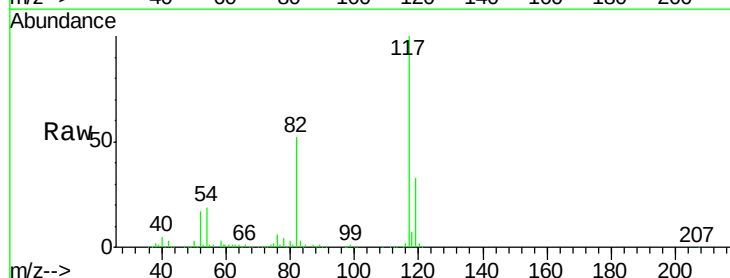
Tgt Ion: 117 Resp: 435382

Ion Ratio Lower Upper

117 100

82 52.0 42.6 63.8

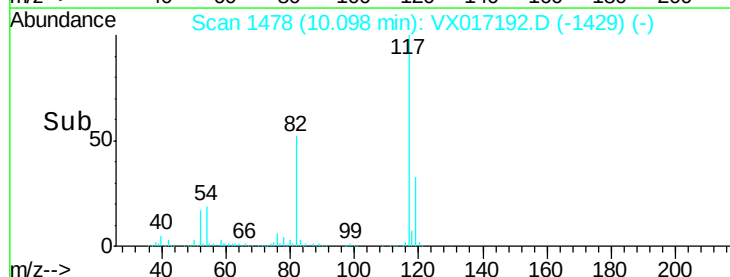
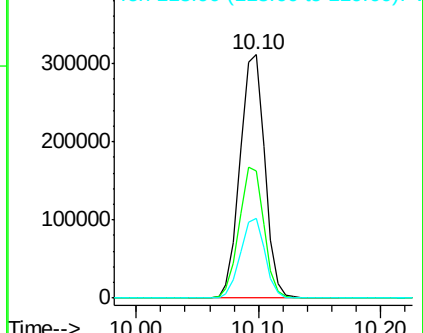
119 32.8 25.4 38.2

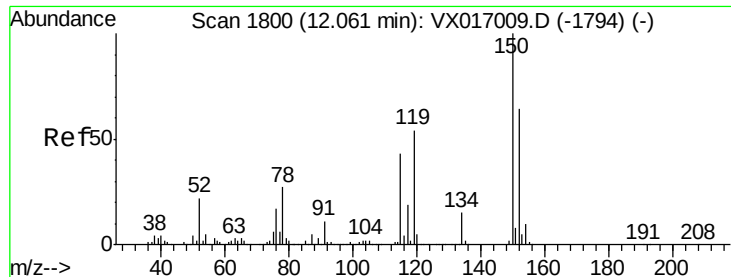


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

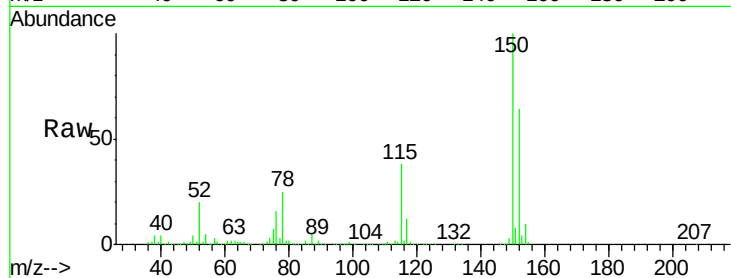
Tgt Ion:152 Resp: 222201

Ion Ratio Lower Upper

152 100

115 58.1 40.9 122.7

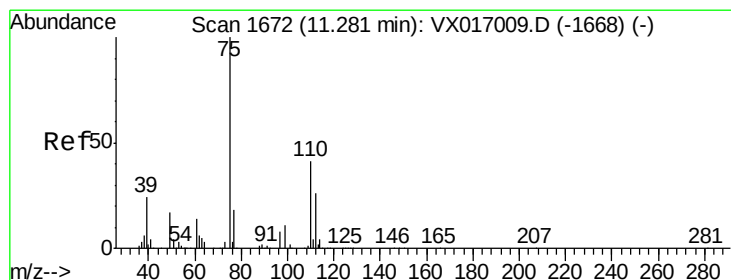
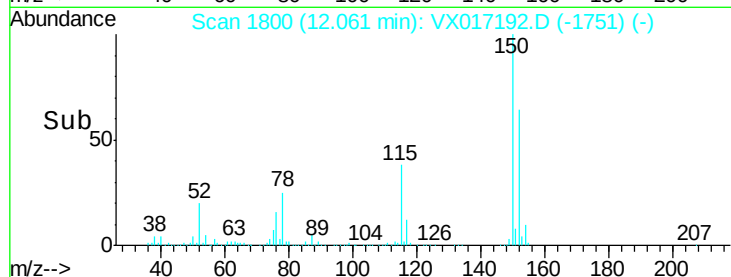
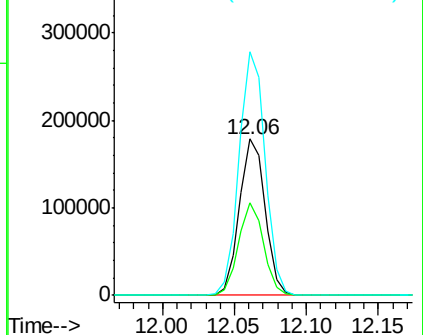
150 157.7 0.0 351.6



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: 24.055 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017192.D

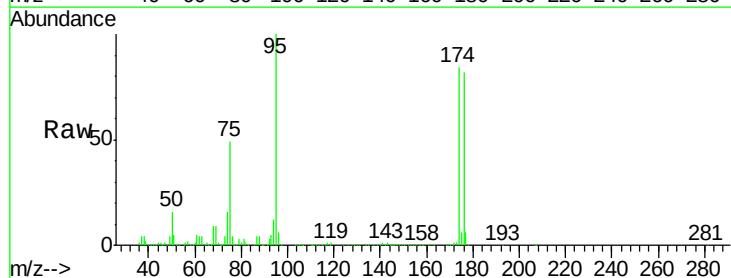
Acq: 07 Jul 2020 10:37

Tgt Ion: 75 Resp: 105108

Ion Ratio Lower Upper

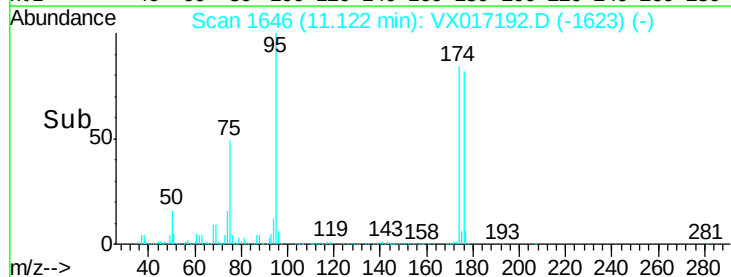
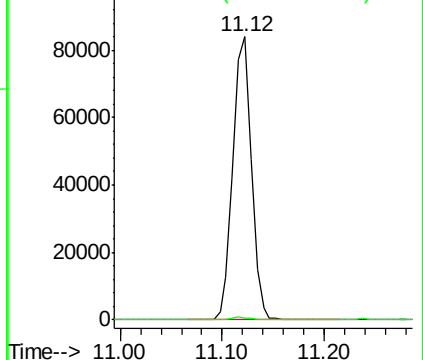
75 100

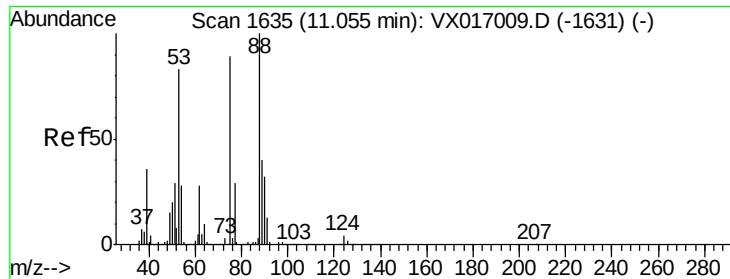
77 1.0 20.2 60.6#



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: 62.294 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

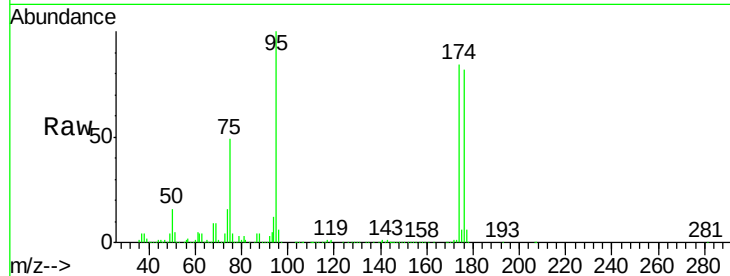
Tgt Ion: 75 Resp: 105108

Ion Ratio Lower Upper

75 100

53 0.3 72.4 108.6#

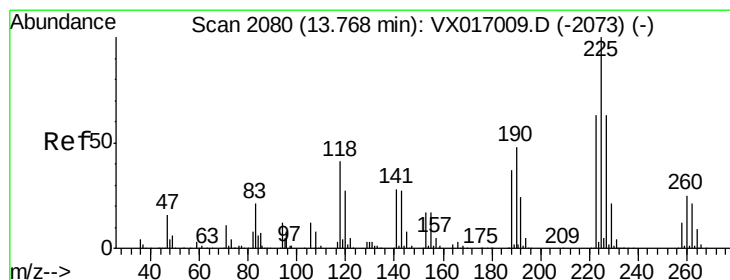
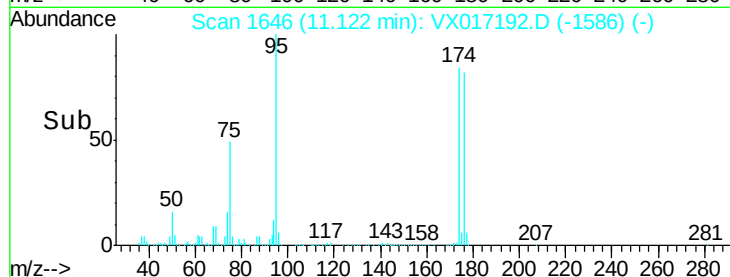
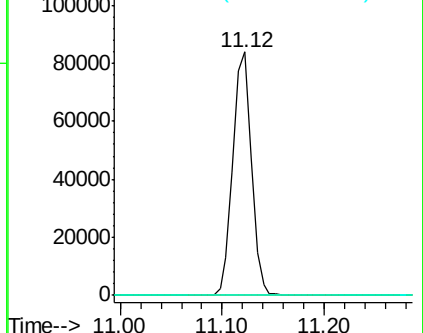
89 0.0 37.0 55.4#



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: 1.166 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017192.D

Acq: 07 Jul 2020 10:37

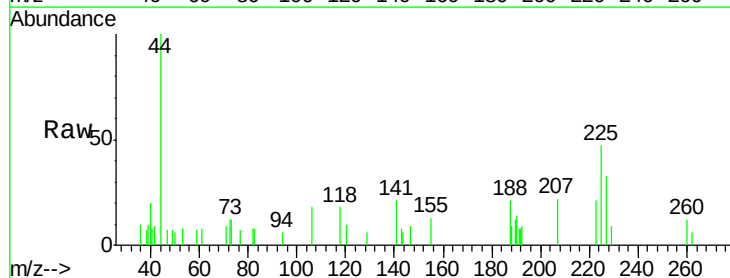
Tgt Ion: 225 Resp: 576

Ion Ratio Lower Upper

225 100

223 64.6 32.5 97.5

227 67.2 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

