

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071818\
 Data File : VX003442.D
 Acq On : 18 Jul 2018 12:55
 Operator : JC/MD
 Sample : J3997-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 18 13:56:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	428732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211777	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	169407	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	
35) Dibromofluoromethane	5.51	113	157794	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
50) Toluene-d8	8.72	98	592916	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	
62) 4-Bromofluorobenzene	11.14	95	200386	43.84	ug/l	0.00
Spiked Amount			Recovery	=	87.68%	

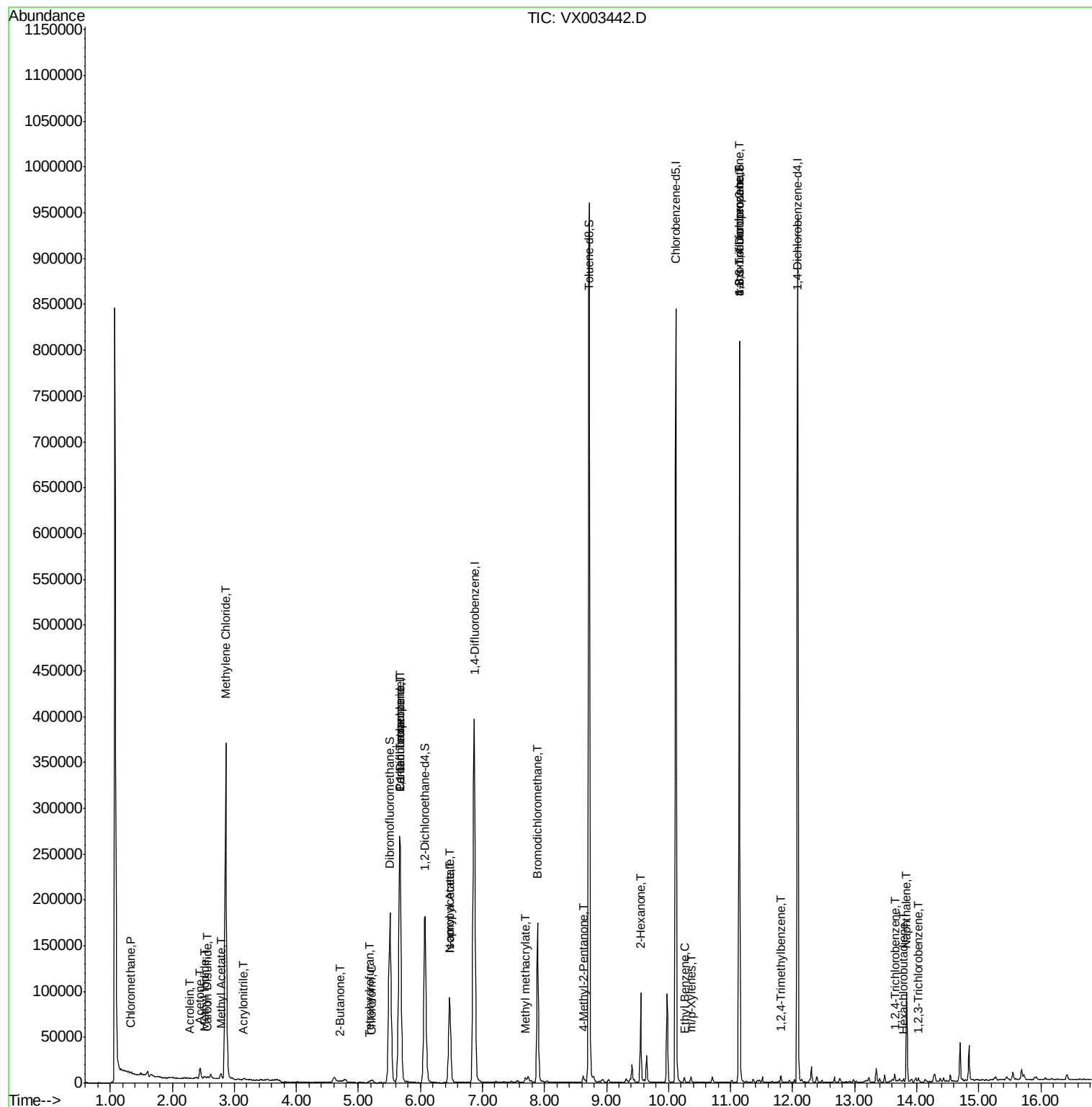
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	808	0.23	ug/l	97
5) Bromomethane	1.65	94	1828	Below Cal	#	68
6) Chloroethane	1.73	64	219	Below Cal	#	43
10) Methyl Iodide	2.52	142	2788	0.81	ug/l	92
13) Acrolein	2.29	56	307	0.75	ug/l	# 49
15) Acrylonitrile	3.14	53	583	0.30	ug/l	# 61
16) Acetone	2.45	43	12493	7.92	ug/l	# 88
17) Carbon Disulfide	2.57	76	2752	0.33	ug/l	# 91
18) Methyl Acetate	2.78	43	7138	1.39	ug/l	# 91
20) Methylene Chloride	2.86	84	175285	61.43	ug/l	92
25) 2-Butanone	4.71	43	2984	1.21	ug/l	93
29) Tetrahydrofuran	5.17	42	1334	0.85	ug/l	# 78
30) Chloroform	5.21	83	3300	0.59	ug/l	92
36) 1,1-Dichloropropene	5.67	75	17184	3.96	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	23909	5.41	ug/l	# 16
43) Isopropyl Acetate	6.47	43	116272	15.75	ug/l	# 93
47) Bromodichloromethane	7.90	83	1345	0.32	ug/l	# 83
48) Methyl methacrylate	7.69	41	6534	1.73	ug/l	# 24
51) 4-Methyl-2-Pentanone	8.63	43	2476	0.51	ug/l	# 39
59) 2-Hexanone	9.55	43	10236	2.74	ug/l	# 62
67) Ethyl Benzene	10.26	91	3179	0.21	ug/l	95
68) m/p-Xylenes	10.36	106	1586	0.27	ug/l	96
74) N-ethyl acetate	6.47	43	116272	17.83	ug/l	# 93
76) 1,2,3-Trichloropropane	11.14	75	93227	24.32	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	93227	79.00	ug/l	# 6
84) 1,2,4-Trimethylbenzene	11.81	105	3596	0.32	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	1300	0.27	ug/l	# 72
94) Hexachlorobutadiene	13.79	225	612	0.26	ug/l	95
95) Naphthalene	13.83	128	63557	4.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1249	0.25	ug/l	# 87

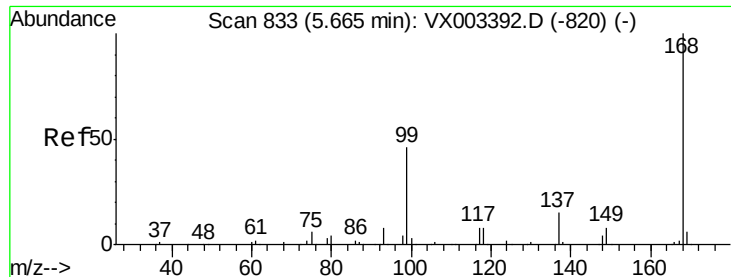
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

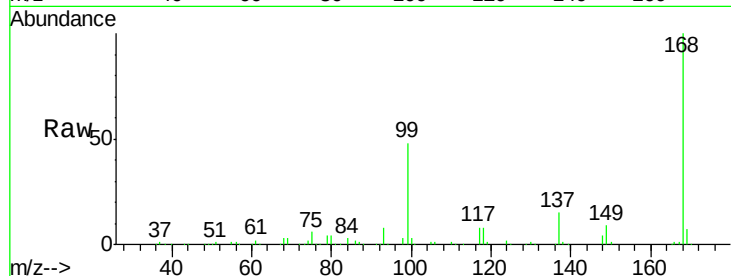
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 289639

Ion Ratio Lower Upper

168 100

99 47.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

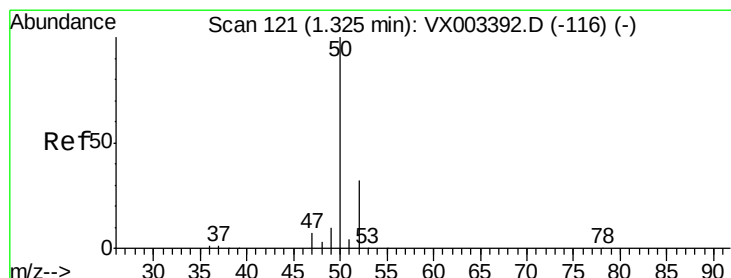
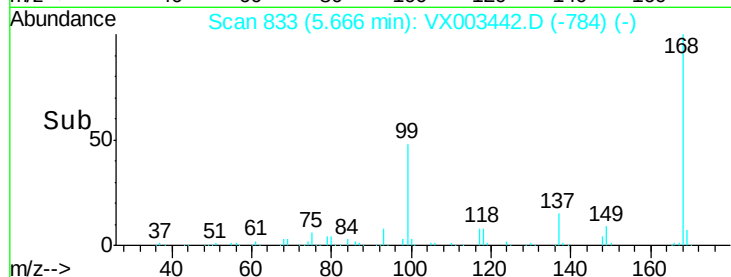
40000

20000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003442.D

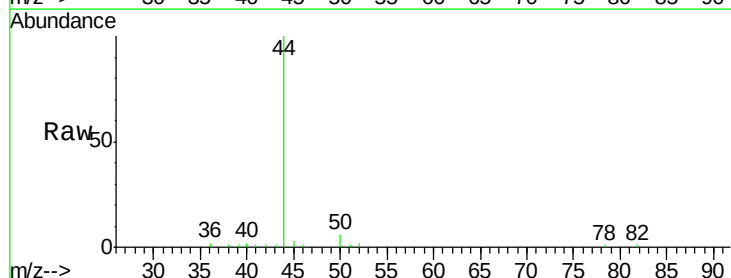
Acq: 18 Jul 2018 12:55

Tgt Ion: 50 Resp: 808

Ion Ratio Lower Upper

50 100

52 30.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

300

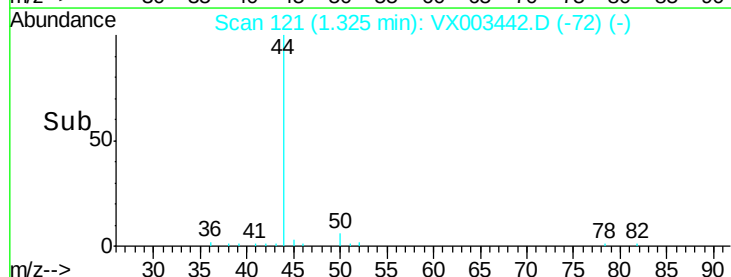
200

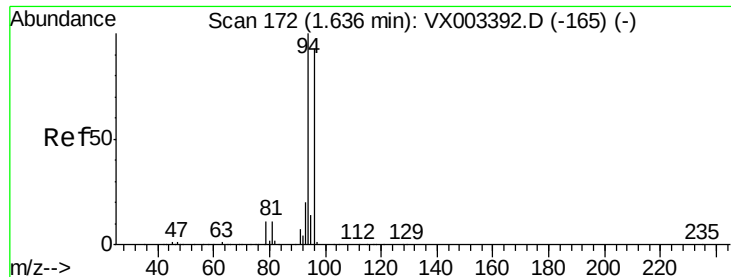
100

0

Time-->

1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

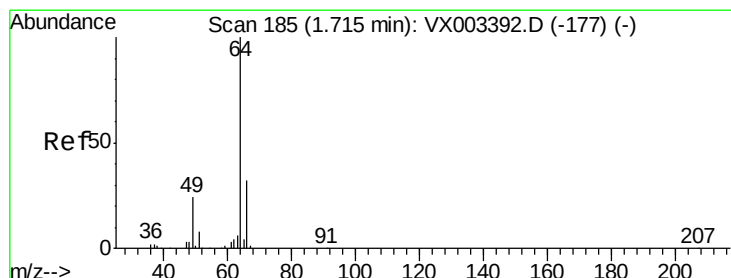
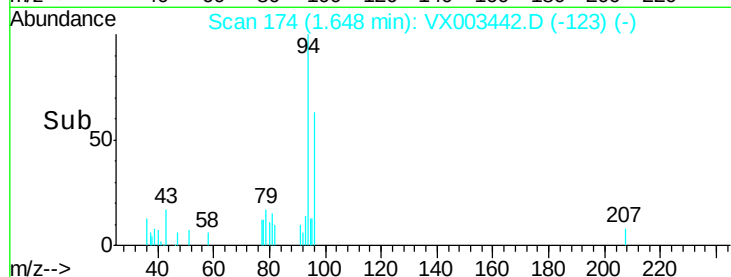
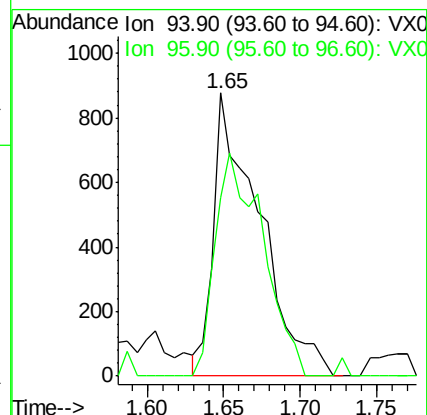
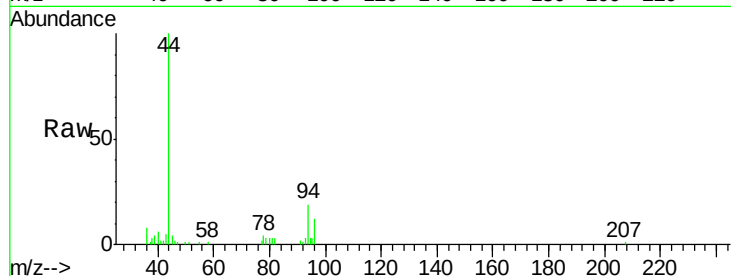
ClientSampleId :

Tot Ion: 94 Resp: 1828

Ion Ratio Lower Upper

94 100

96 62.8 74.9 112.3#



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003442.D

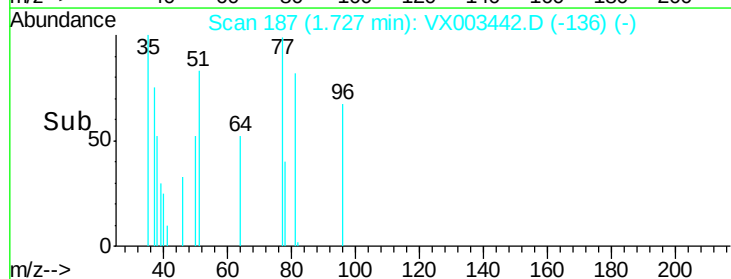
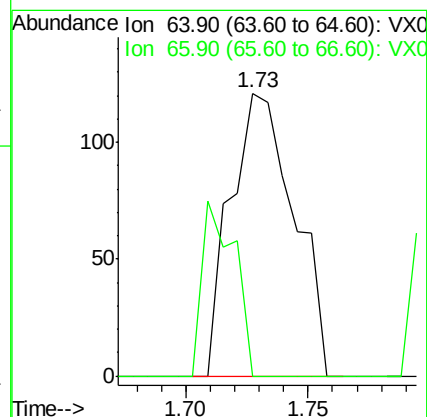
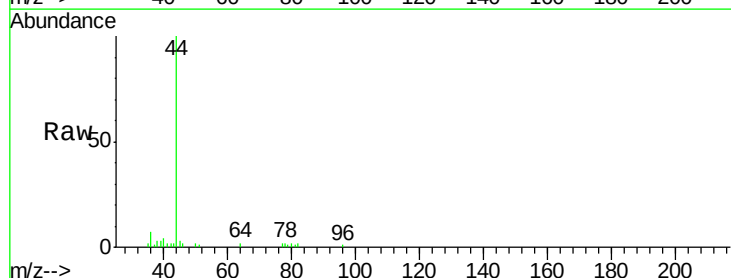
Acq: 18 Jul 2018 12:55

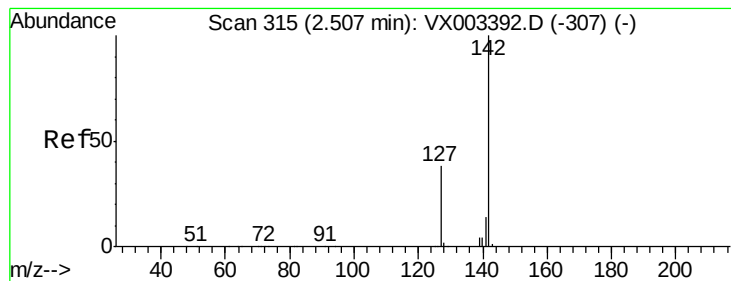
Tgt Ion: 64 Resp: 219

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#10

Methvl Iodide

Concen: 0.81 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

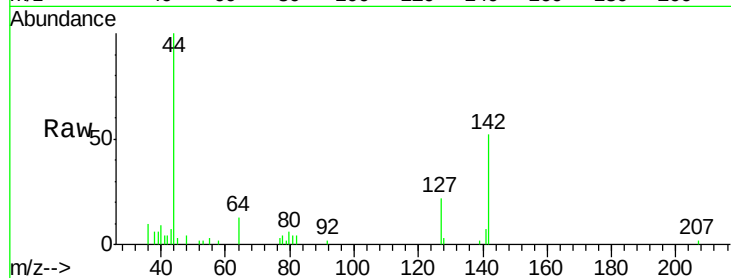
Tot Ion:142 Resp: 2788

Ion Ratio Lower Upper

142 100

127 40.1 36.6 55.0

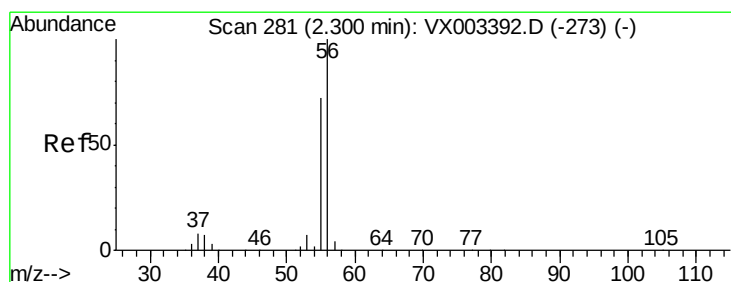
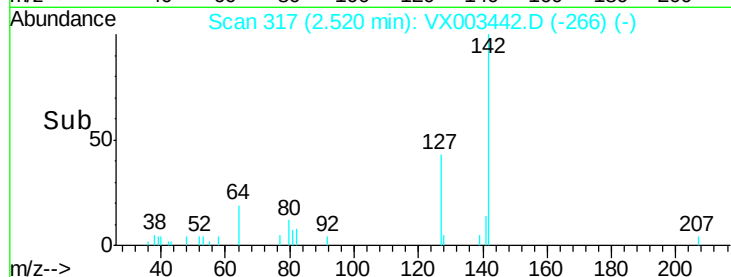
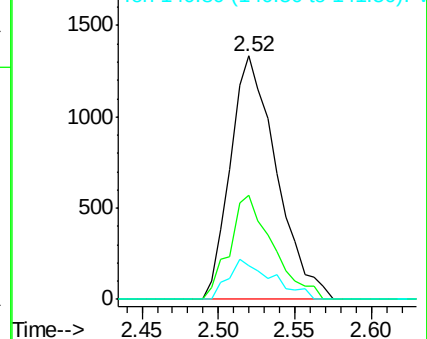
141 15.7 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#13

Acrolein

Concen: 0.75 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003442.D

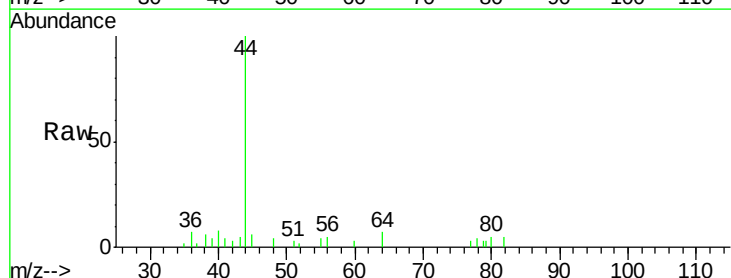
Acq: 18 Jul 2018 12:55

Tgt Ion: 56 Resp: 307

Ion Ratio Lower Upper

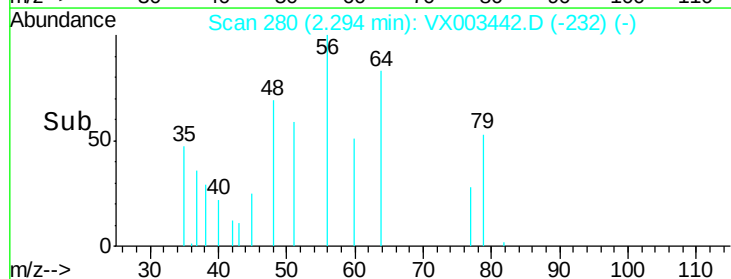
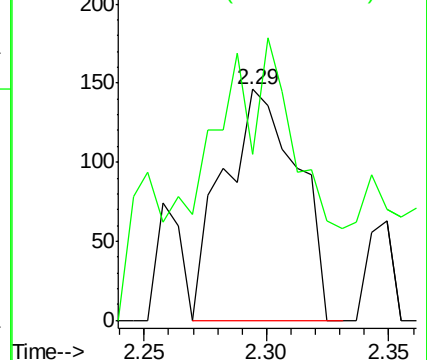
56 100

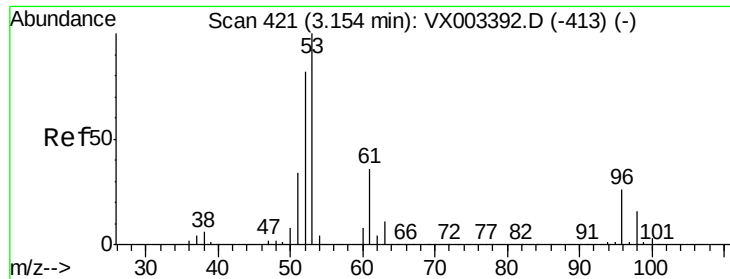
55 29.3 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.30 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

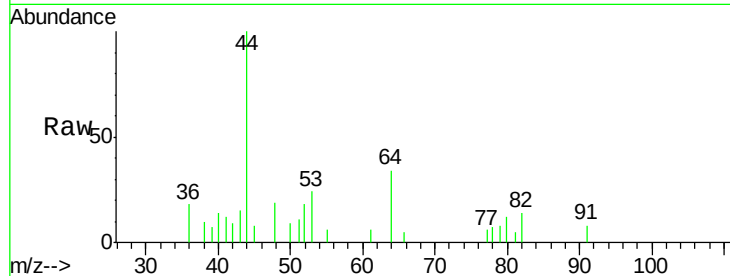
Tot Ion: 53 Resp: 583

Ion Ratio Lower Upper

53 100

52 109.1 66.7 100.1#

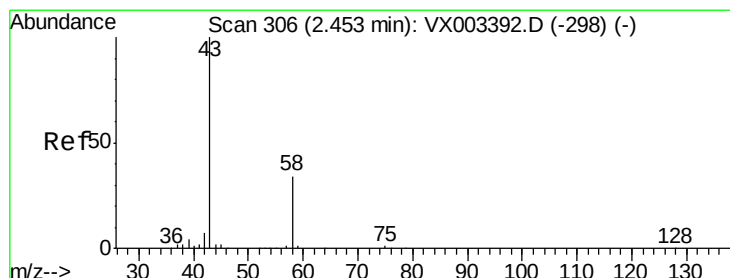
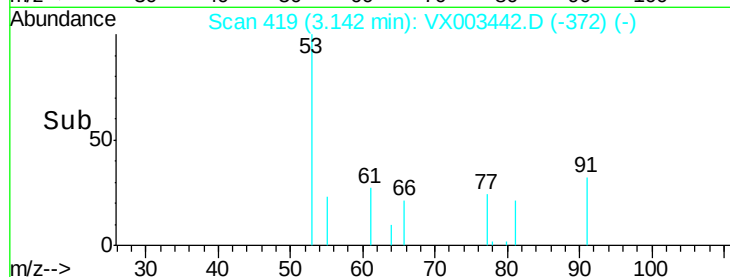
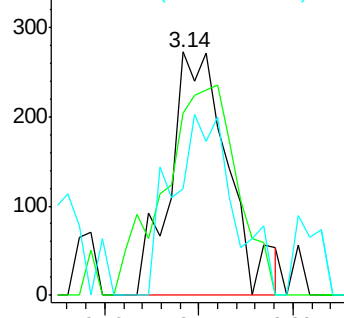
51 0.0 29.9 44.9#



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: 7.92 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003442.D

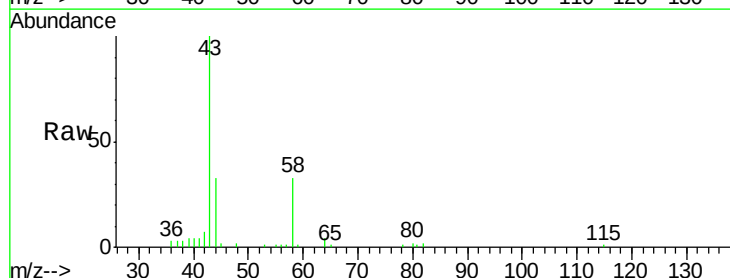
Acq: 18 Jul 2018 12:55

Tgt Ion: 43 Resp: 12493

Ion Ratio Lower Upper

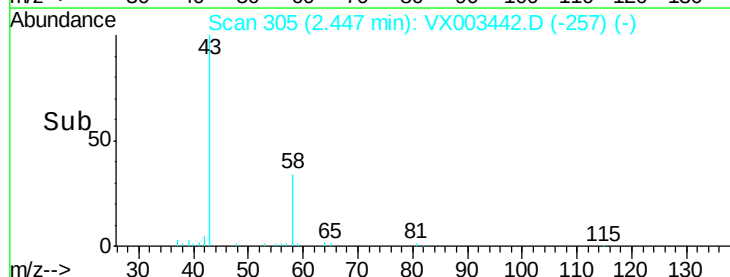
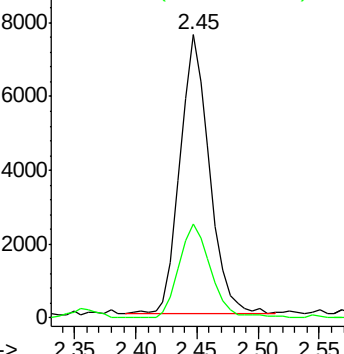
43 100

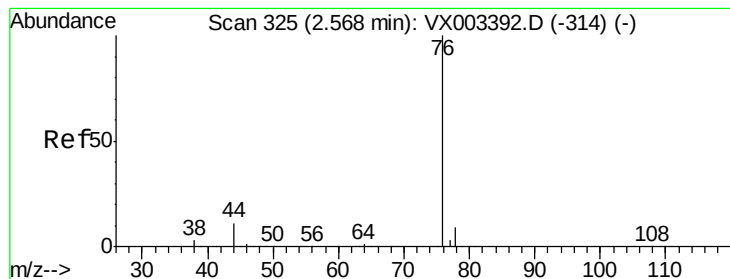
58 33.9 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.33 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

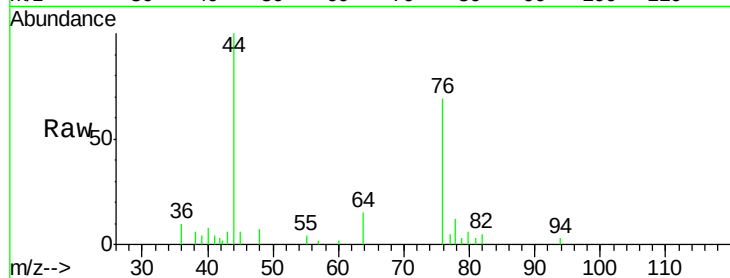
ClientSampleId :

Tot Ion: 76 Resp: 2752

Ion Ratio Lower Upper

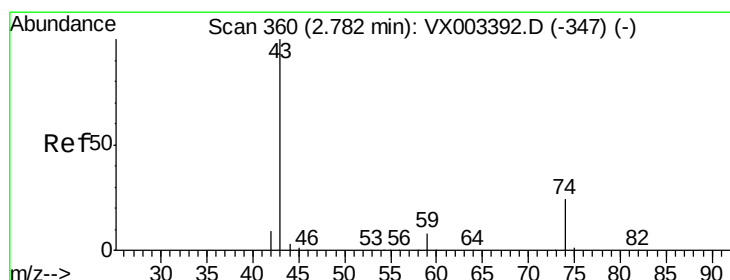
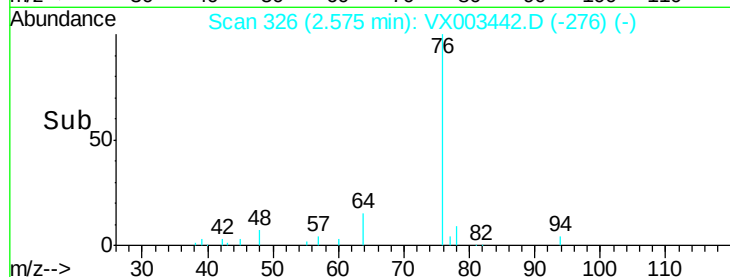
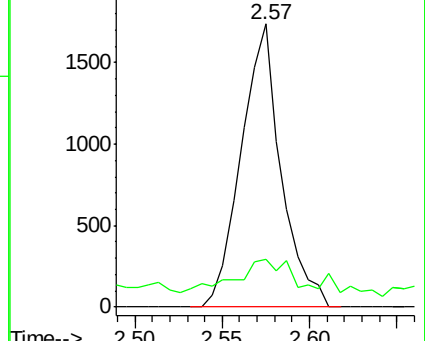
76 100

78 11.9 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.39 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003442.D

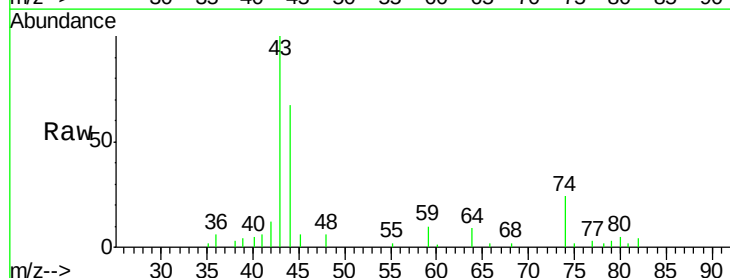
Acq: 18 Jul 2018 12:55

Tgt Ion: 43 Resp: 7138

Ion Ratio Lower Upper

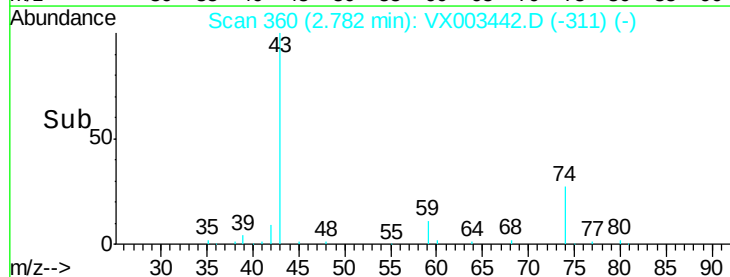
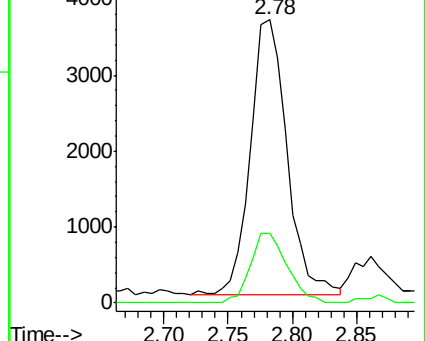
43 100

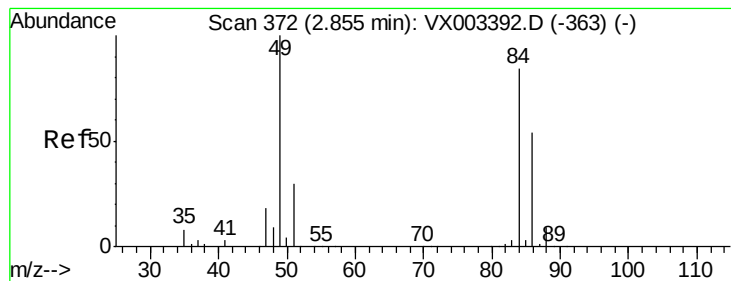
74 25.2 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 61.43 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 175285

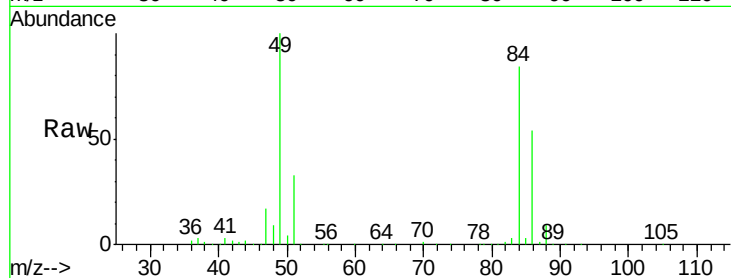
Ion Ratio Lower Upper

84 100

49 119.3 107.8 161.6

51 38.7 32.8 49.2

86 65.0 52.5 78.7

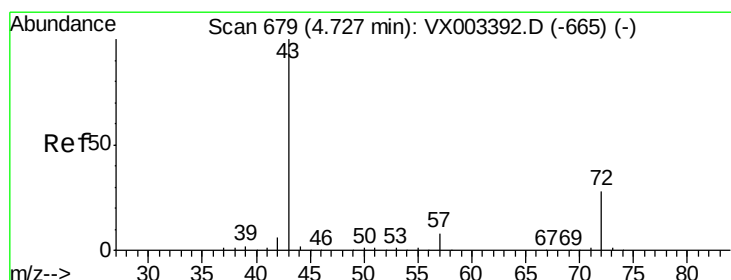
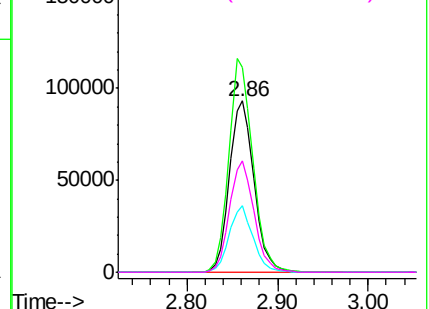
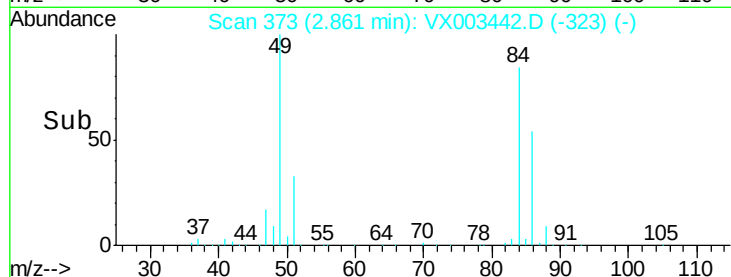


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 1.21 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003442.D

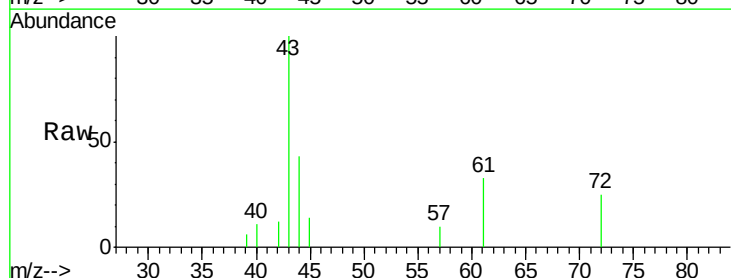
Acq: 18 Jul 2018 12:55

Tgt Ion: 43 Resp: 2984

Ion Ratio Lower Upper

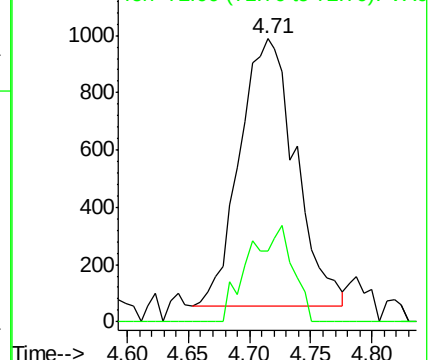
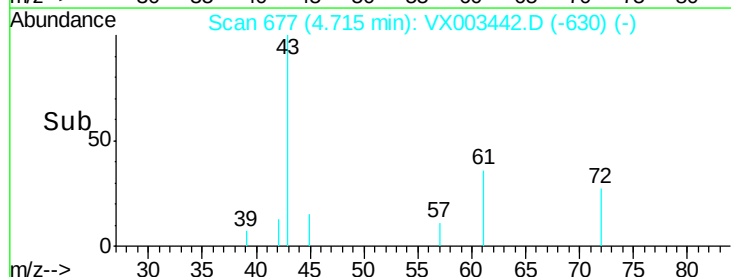
43 100

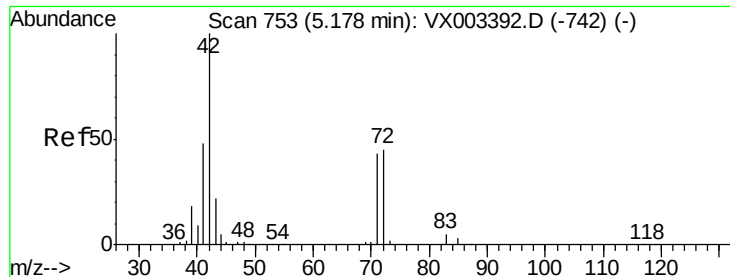
72 26.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.85 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

ClientSampled :

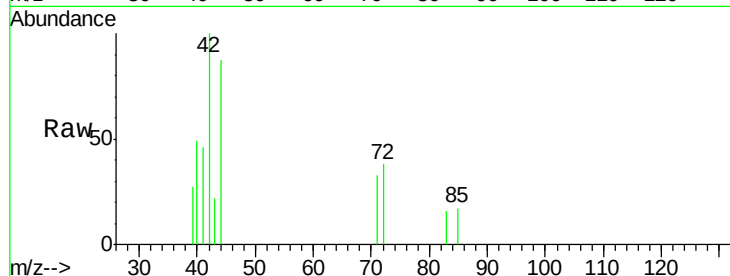
Tot Ion: 42 Resp: 1334

Ion Ratio Lower Upper

42 100

72 34.5 32.0 48.0

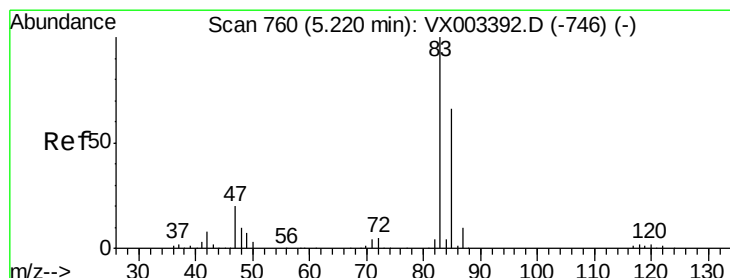
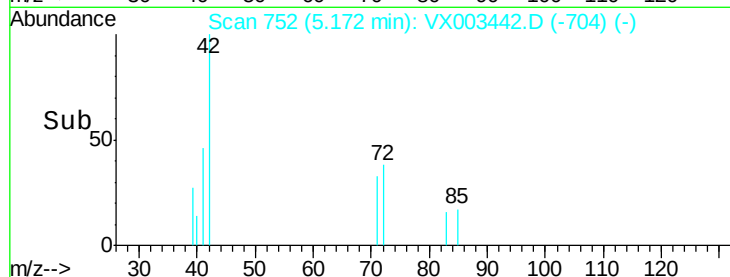
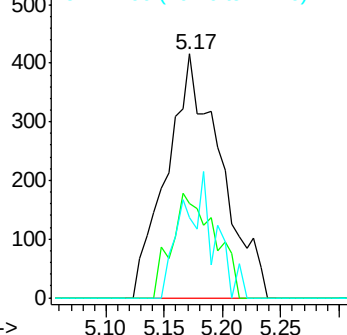
71 16.4 30.1 45.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.59 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003442.D

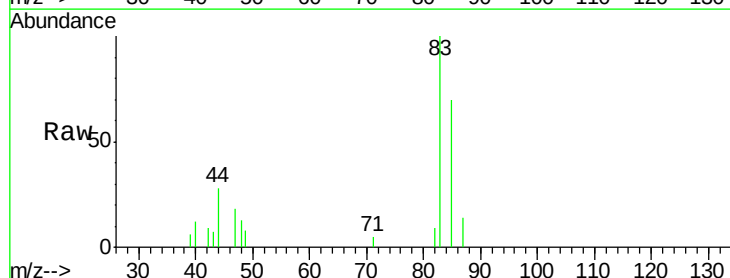
Acq: 18 Jul 2018 12:55

Tgt Ion: 83 Resp: 3300

Ion Ratio Lower Upper

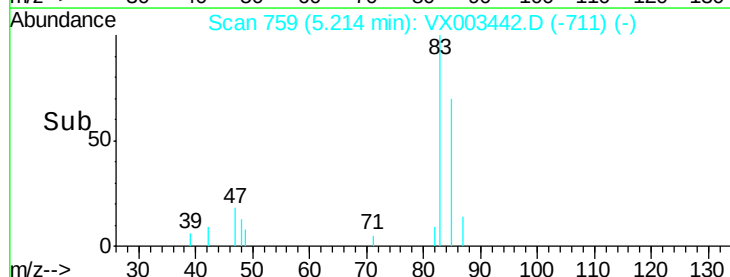
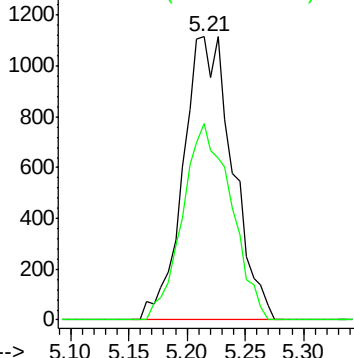
83 100

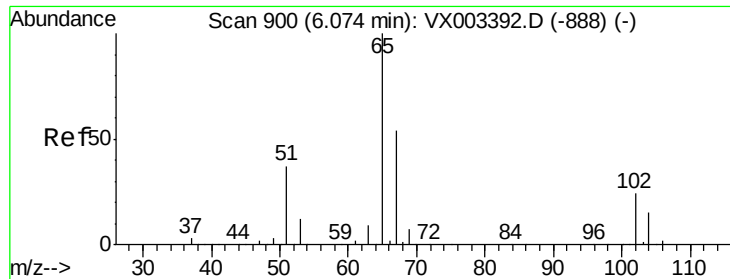
85 69.5 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

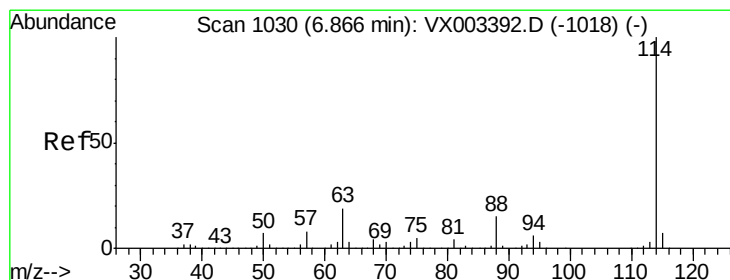
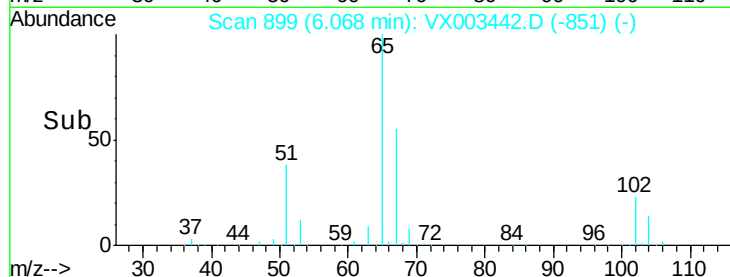
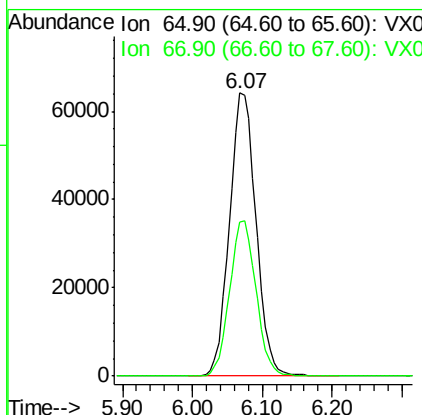
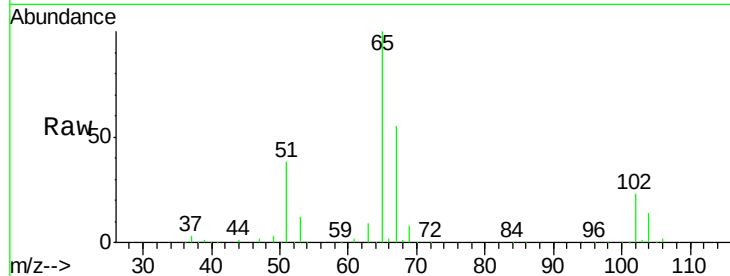




#33
 1,2-Dichloroethane-d4
 Concen: 44.66 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003442.D
 Acq: 18 Jul 2018 12:55

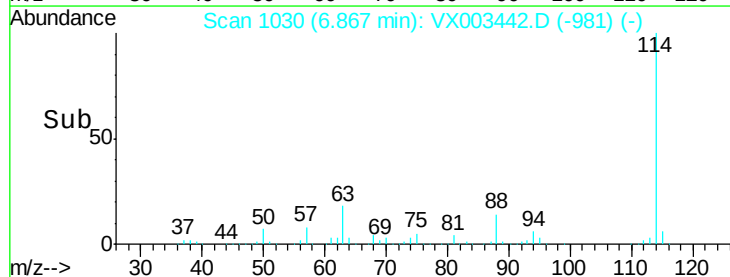
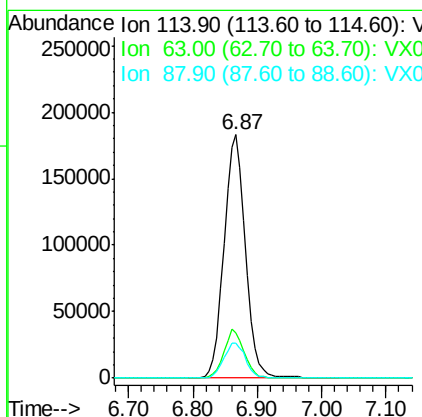
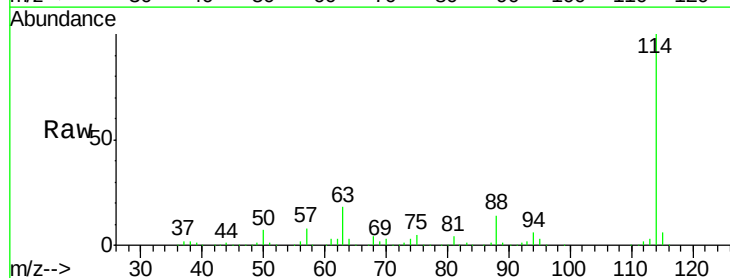
Instrument :
 MSVOA_X
 ClientSampleId :

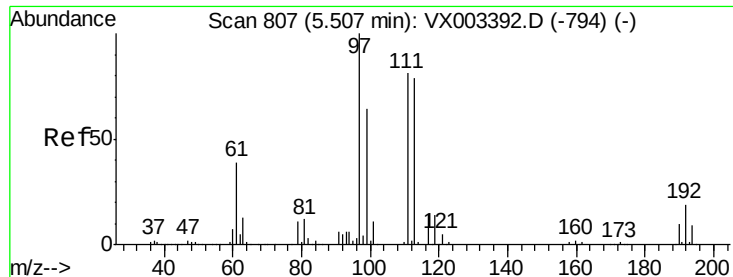
Tot Ion: 65 Resp: 169407
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003442.D
 Acq: 18 Jul 2018 12:55

Tgt Ion: 114 Resp: 428732
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 14.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 45.49 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :

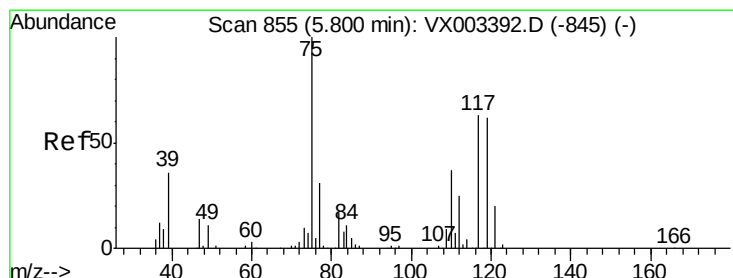
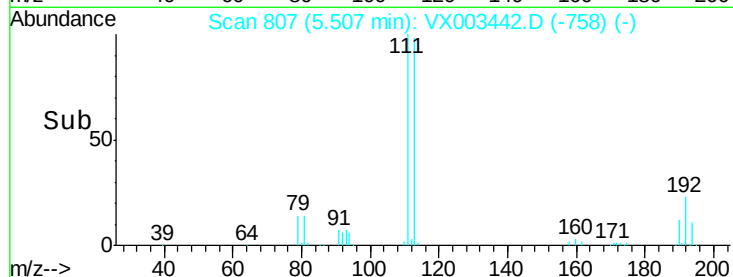
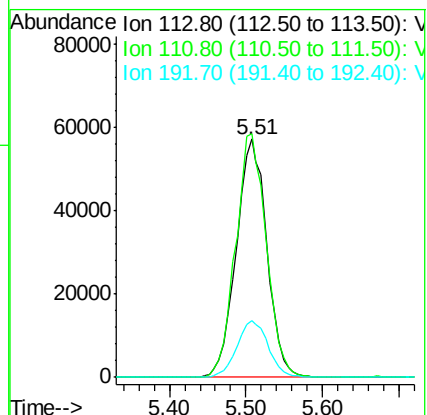
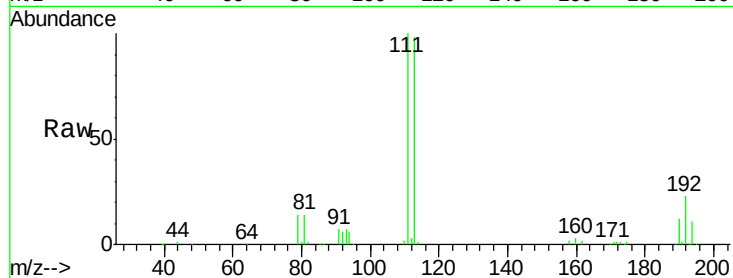
Tot Ion:113 Resp: 157794

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 24.3 19.1 28.7



#36

1,1-Dichloropropene

Concen: 3.96 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

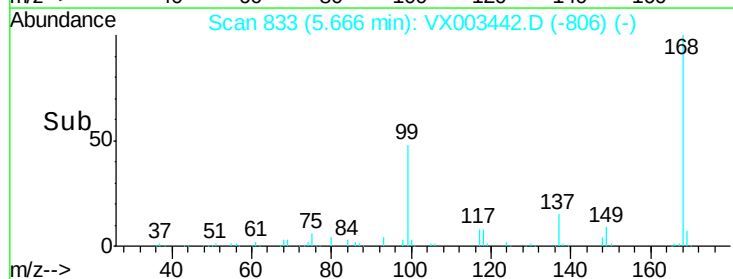
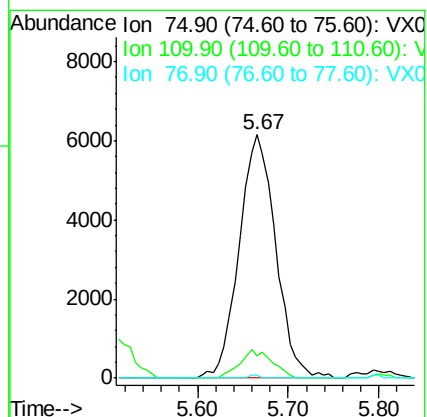
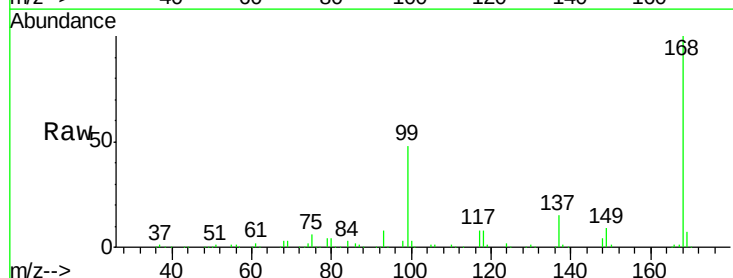
Tgt Ion: 75 Resp: 17184

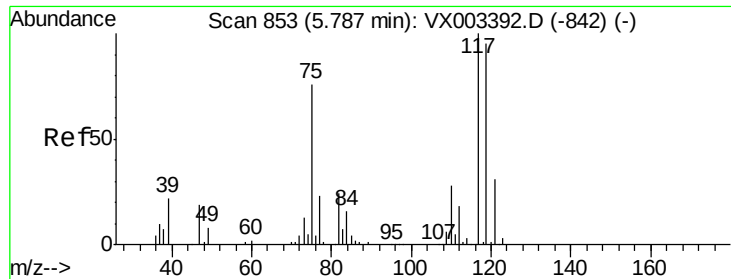
Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

77 0.3 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.41 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

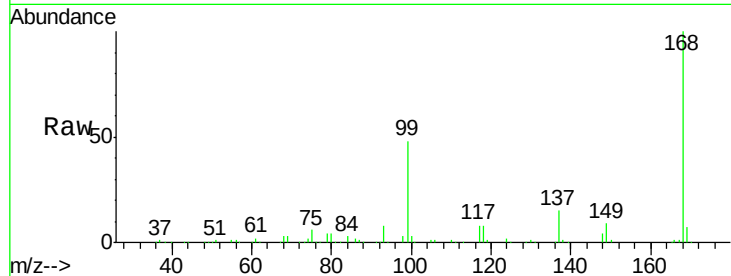
Tot Ion:117 Resp: 23909

Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

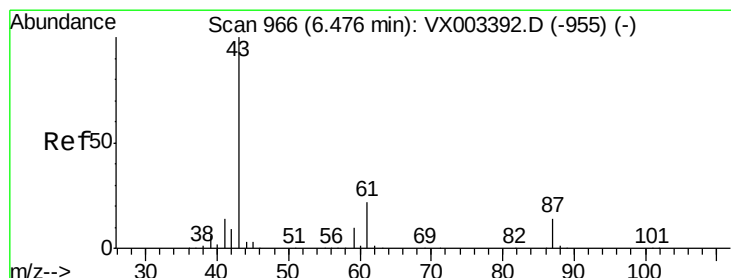
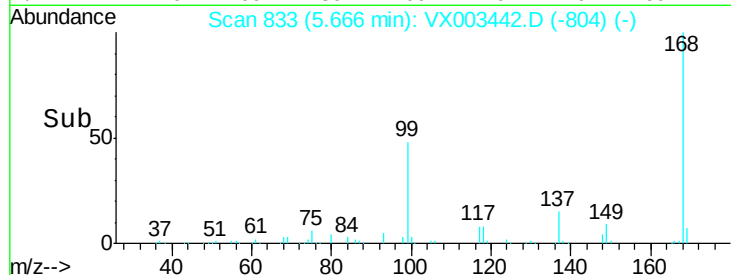
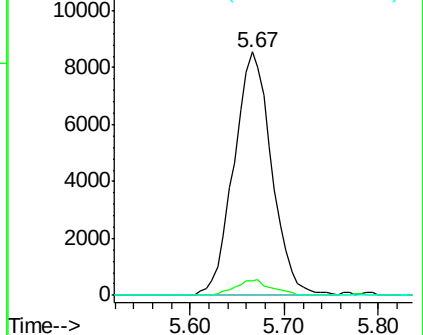
121 0.0 24.4 36.6#



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



#43

Isopropyl Acetate

Concen: 15.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

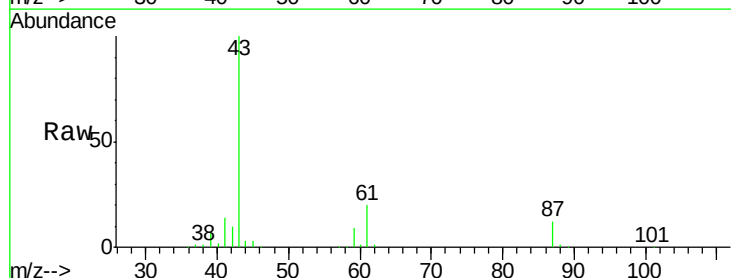
Tgt Ion: 43 Resp: 116272

Ion Ratio Lower Upper

43 100

61 21.2 14.4 21.6

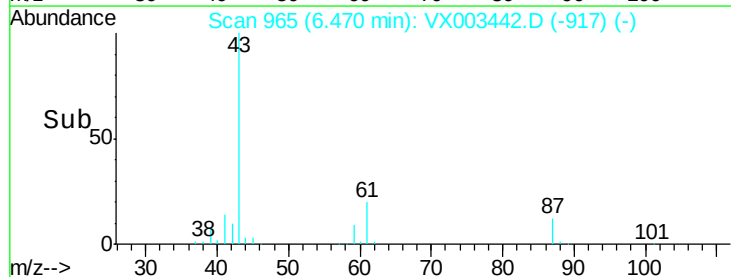
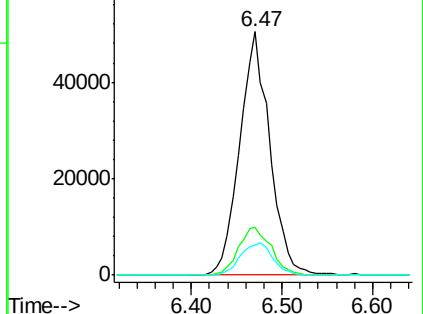
87 14.4 9.5 14.3#

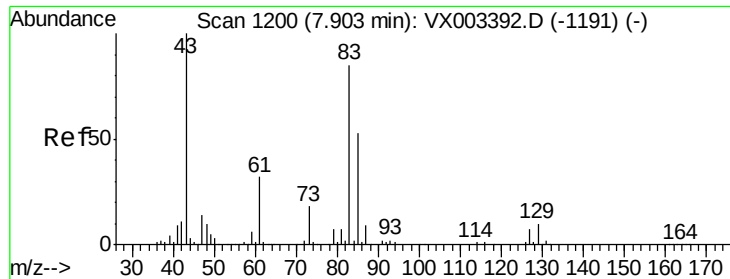


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.32 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :
MSVOA_X
ClientSampled :

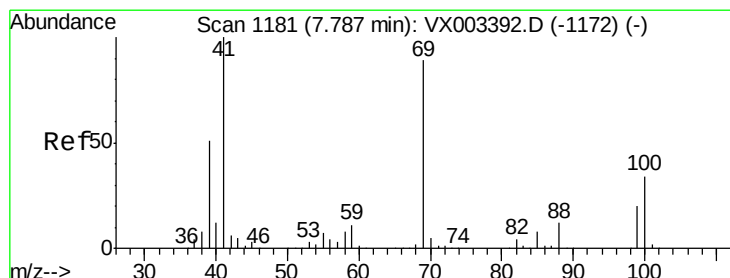
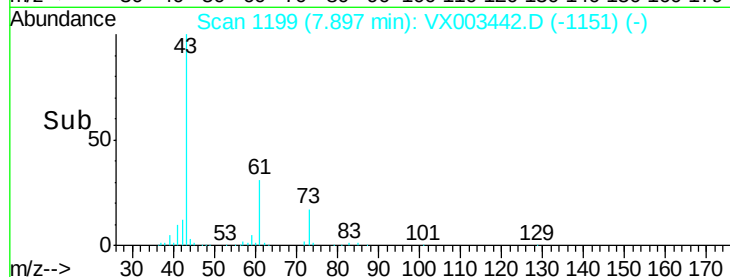
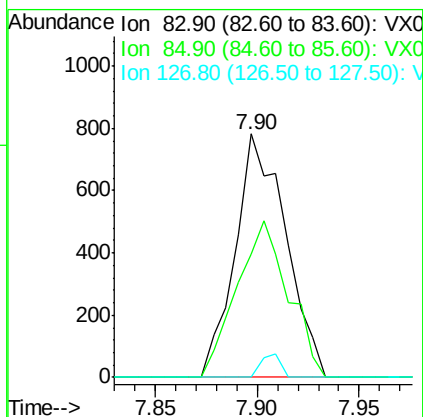
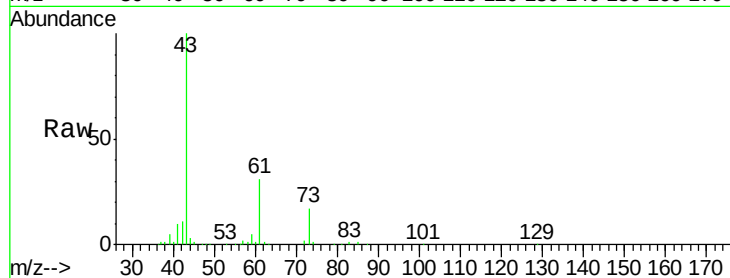
Tot Ion: 83 Resp: 1345

Ion Ratio Lower Upper

83 100

85 50.9 50.3 75.5

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 1.73 ug/l

RT: 7.69 min Scan# 1165

Delta R.T. -0.10 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

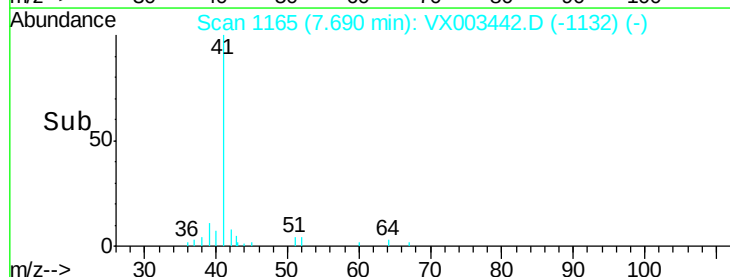
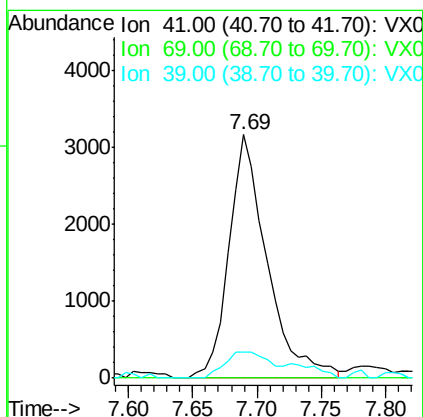
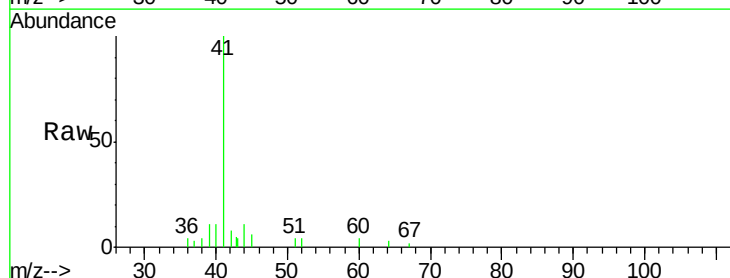
Tgt Ion: 41 Resp: 6534

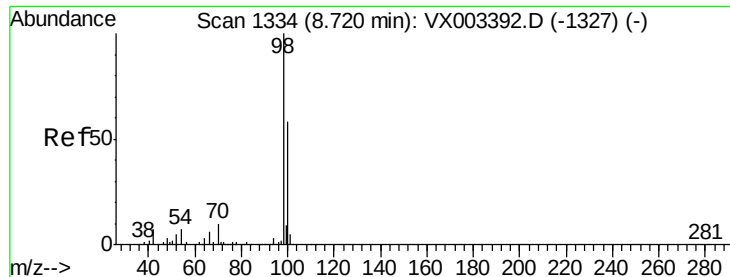
Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

39 12.9 48.9 73.3#





#50

Toluene-d8

Concen: 46.32 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

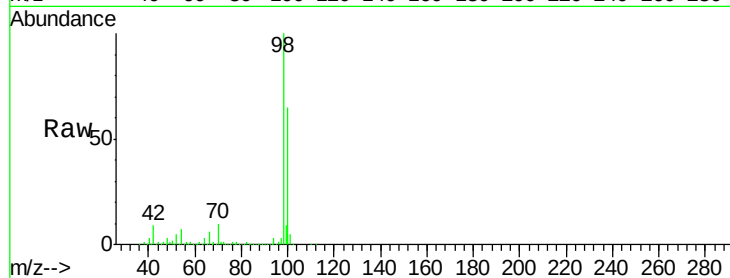
ClientSampleId :

Tot Ion: 98 Resp: 592916

Ion Ratio Lower Upper

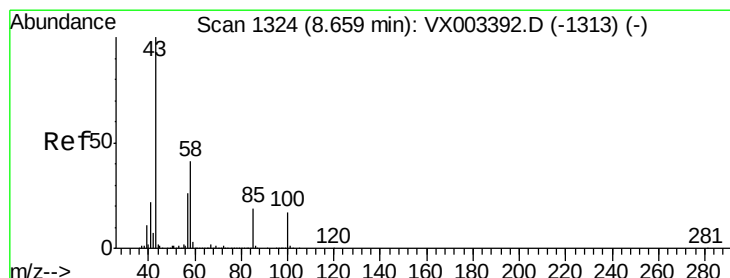
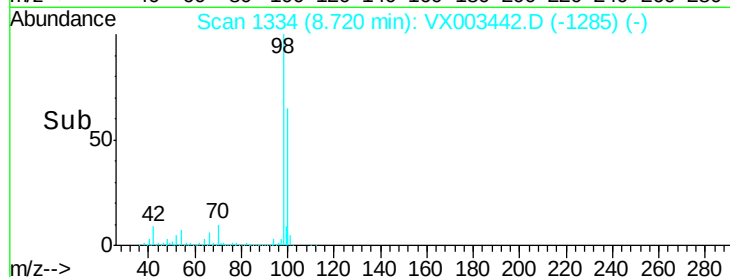
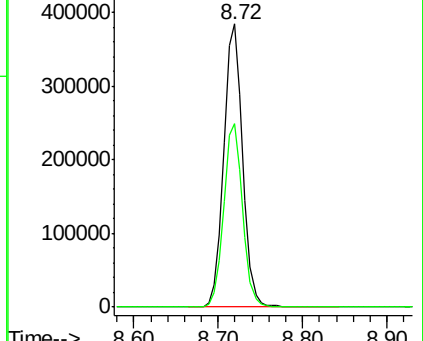
98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.51 ug/l

RT: 8.63 min Scan# 1319

Delta R.T. -0.03 min

Lab File: VX003442.D

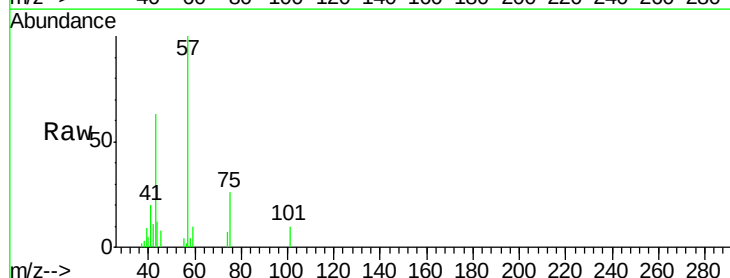
Acq: 18 Jul 2018 12:55

Tgt Ion: 43 Resp: 2476

Ion Ratio Lower Upper

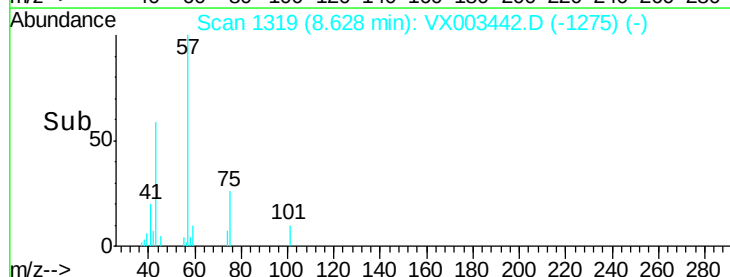
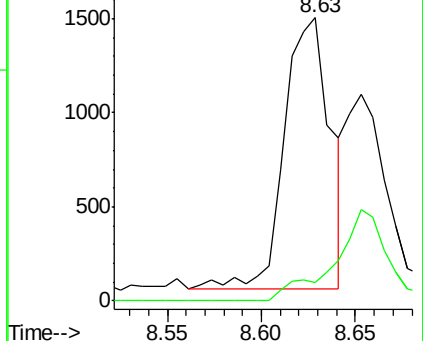
43 100

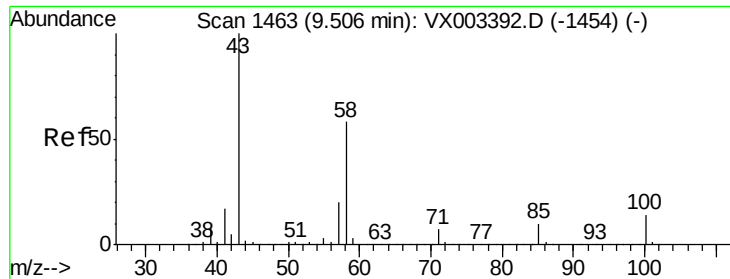
58 0.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

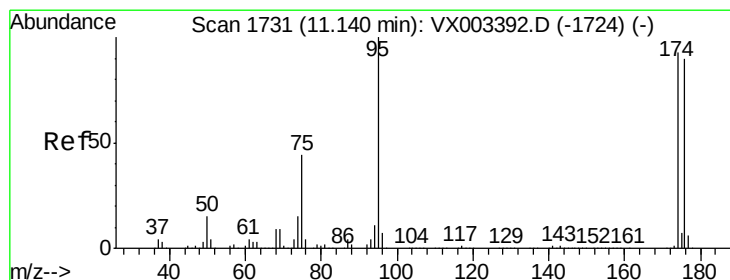
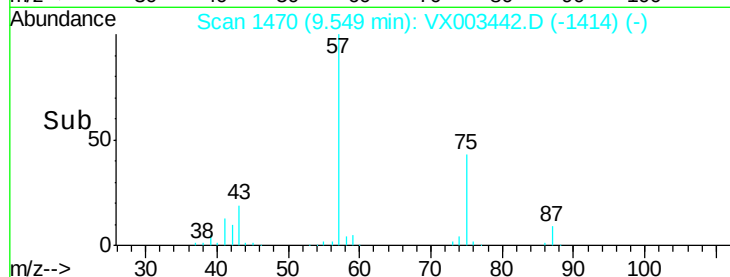
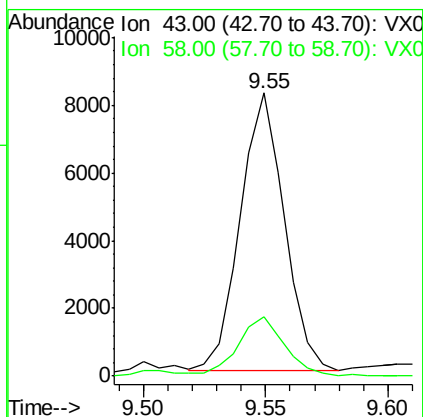
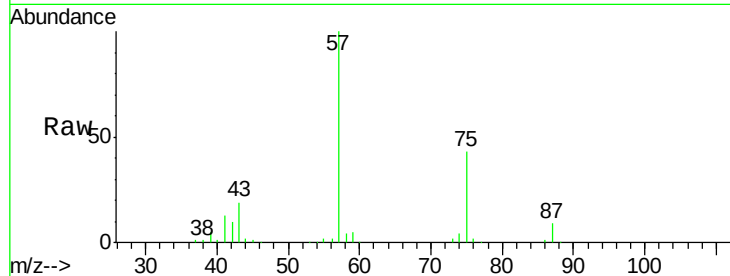




#59
2-Hexanone
Concen: 2.74 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.04 min
Lab File: VX003442.D
Acq: 18 Jul 2018 12:55

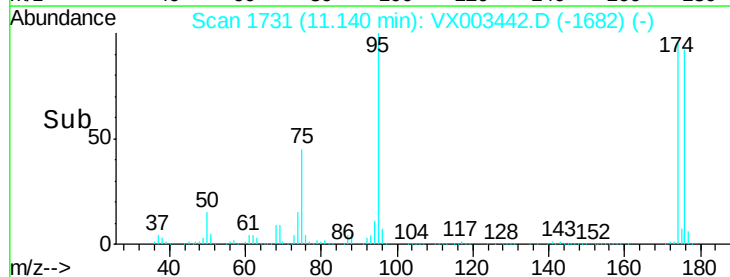
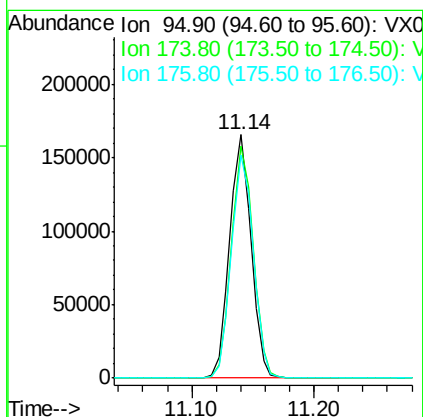
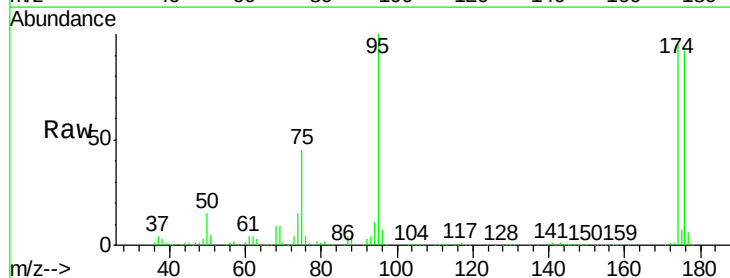
Instrument :
MSVOA_X
ClientSampleId :

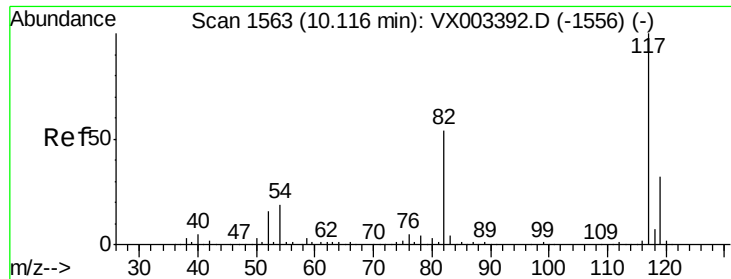
Tot Ion: 43 Resp: 10236
Ion Ratio Lower Upper
43 100
58 23.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 43.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003442.D
Acq: 18 Jul 2018 12:55

Tgt Ion: 95 Resp: 200386
Ion Ratio Lower Upper
95 100
174 97.7 0.0 187.4
176 93.9 0.0 181.0

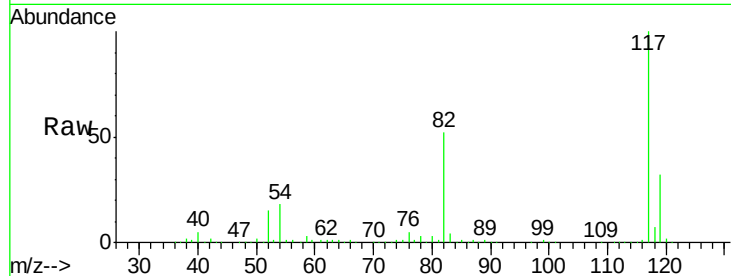




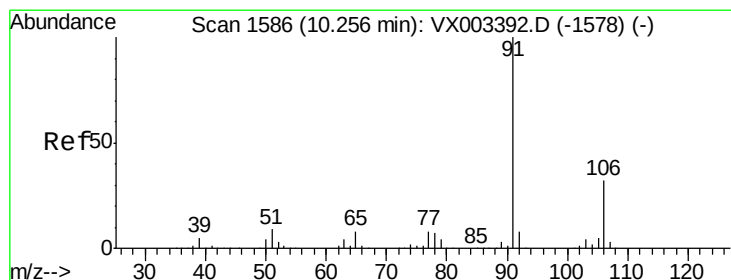
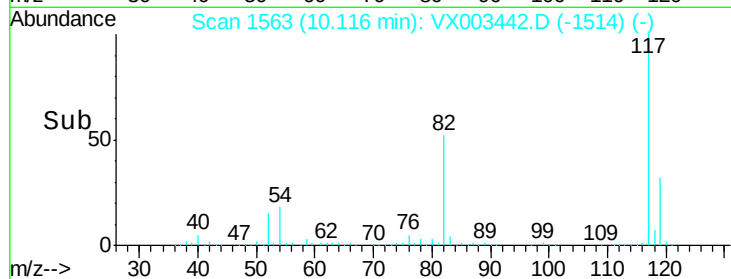
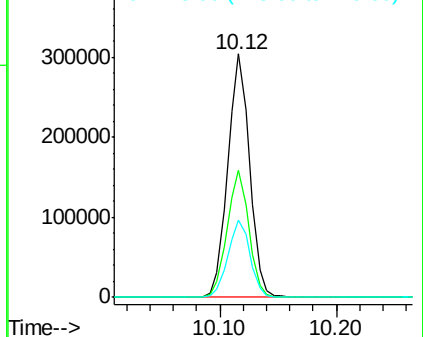
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003442.D
Acq: 18 Jul 2018 12:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 395334
Ion Ratio Lower Upper
117 100
82 52.3 45.0 67.4
119 31.8 25.8 38.6

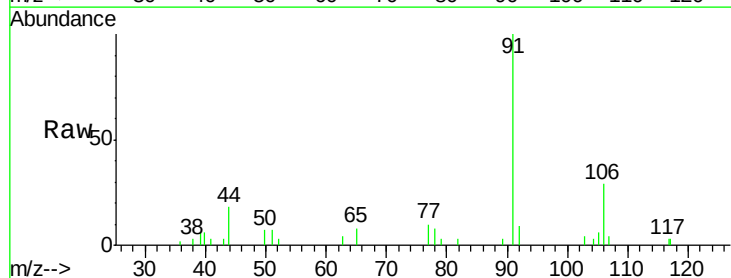


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

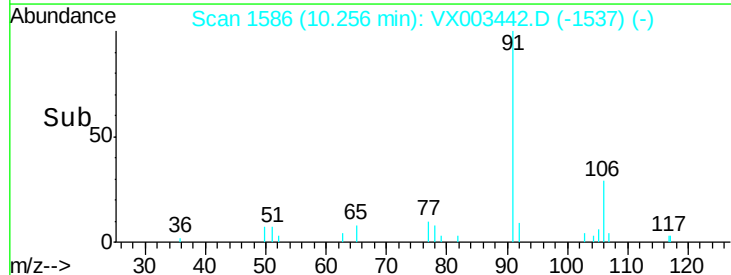
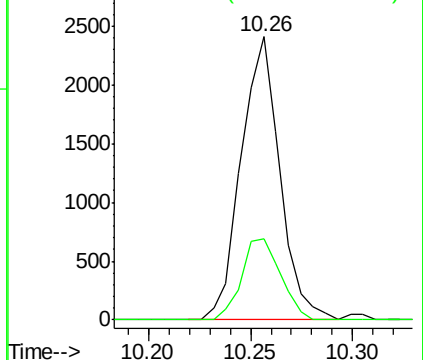


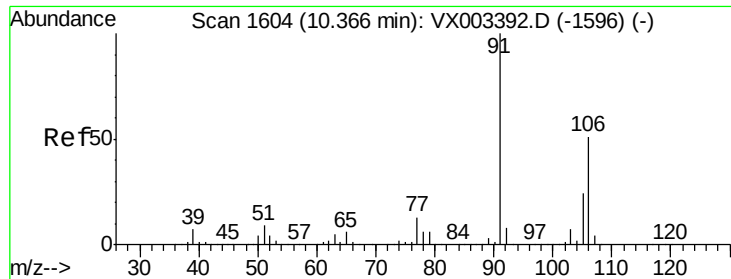
#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003442.D
Acq: 18 Jul 2018 12:55

Tgt Ion: 91 Resp: 3179
Ion Ratio Lower Upper
91 100
106 28.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

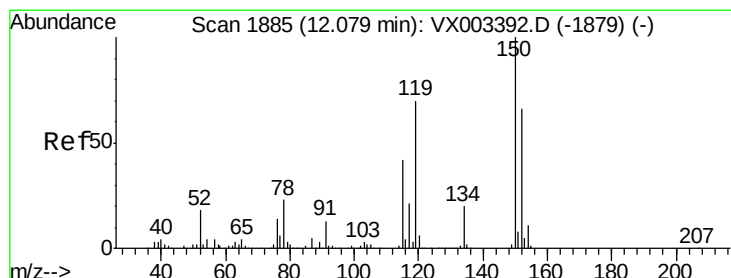
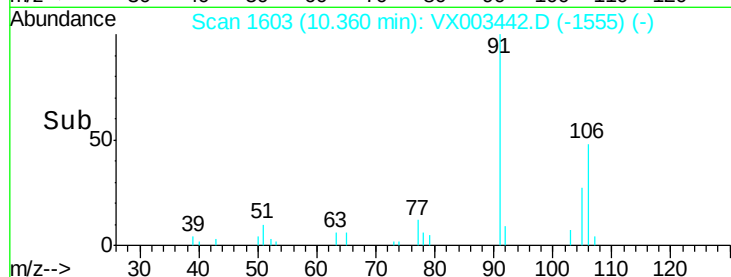
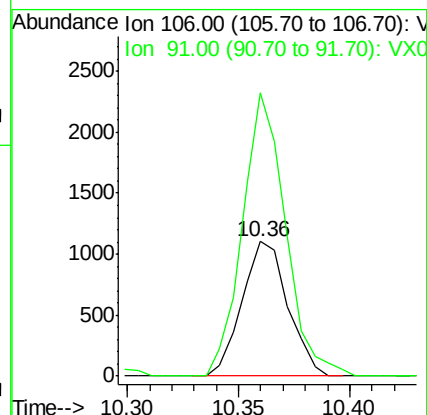
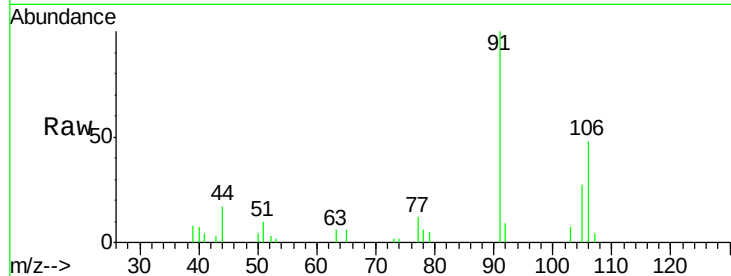




#68
m/p-Xvlenes
Concen: 0.27 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003442.D
Acq: 18 Jul 2018 12:55

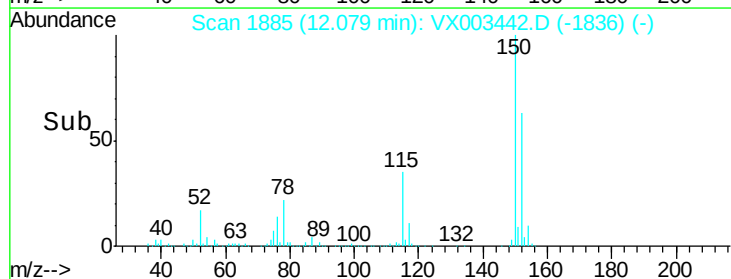
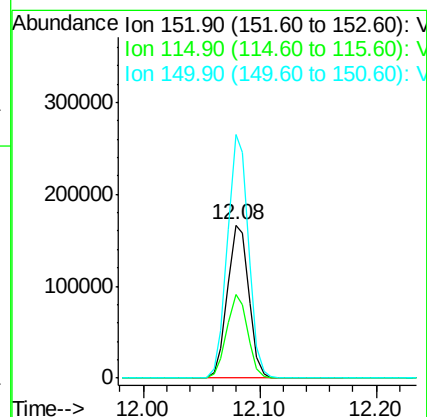
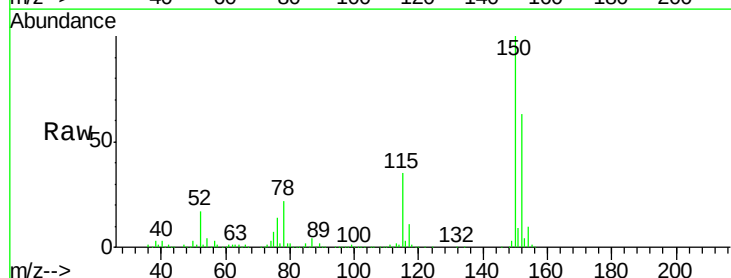
Instrument :
MSVOA_X
ClientSampleId :

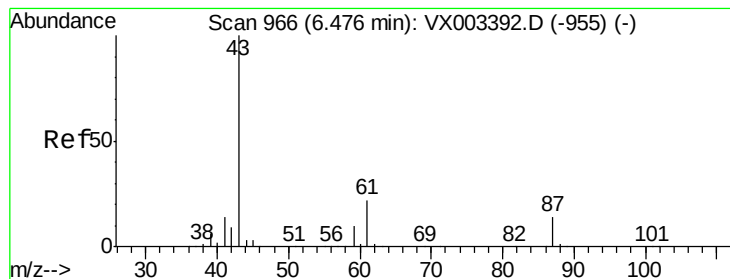
Tot Ion:106 Resp: 1586
Ion Ratio Lower Upper
106 100
91 197.4 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003442.D
Acq: 18 Jul 2018 12:55

Tgt Ion:152 Resp: 211777
Ion Ratio Lower Upper
152 100
115 53.4 40.1 120.2
150 156.2 0.0 347.2





#74

N-amvl acetate

Concen: 17.83 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

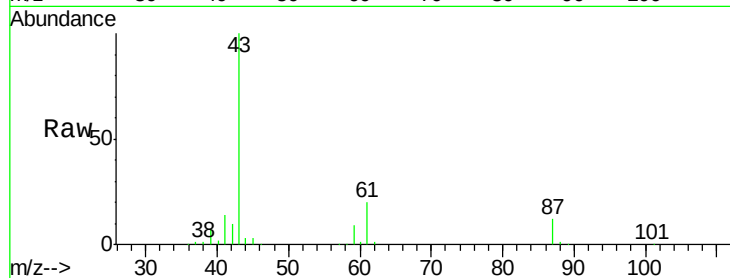
MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 116272

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	21.2	14.4	21.6

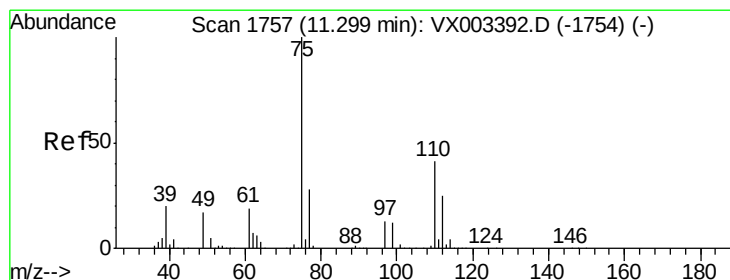
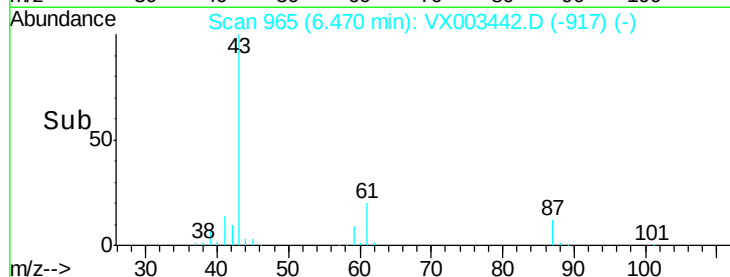
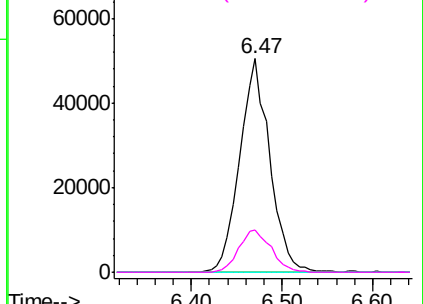


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 24.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

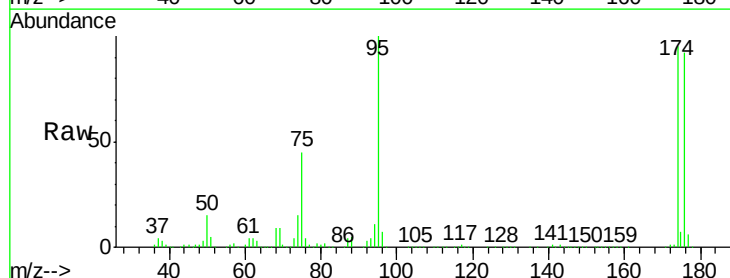
Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Tgt Ion: 75 Resp: 93227

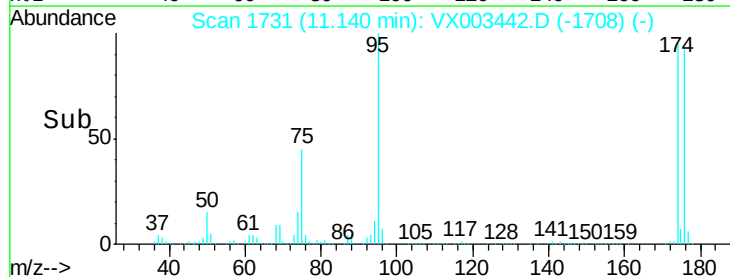
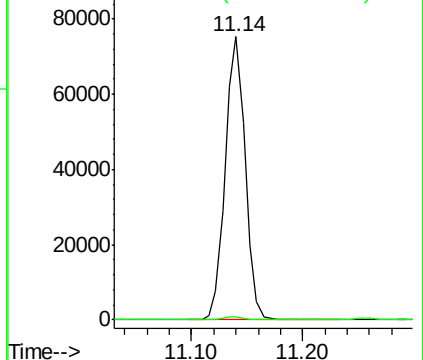
Ion Ratio Lower Upper

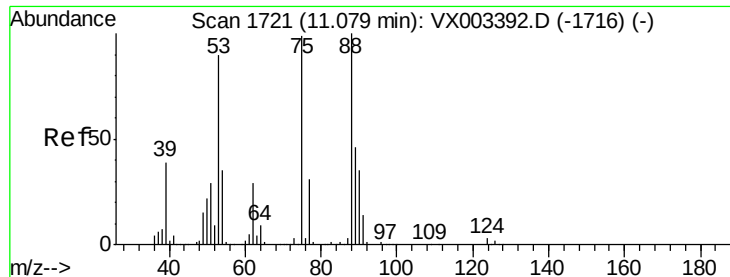
75	100		
77	1.3	22.8	68.3#



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: 79.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

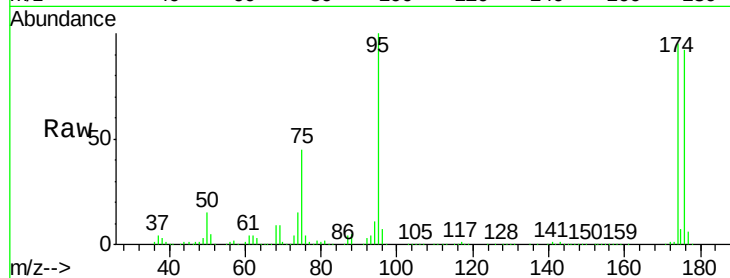
Tot Ion: 75 Resp: 93227

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

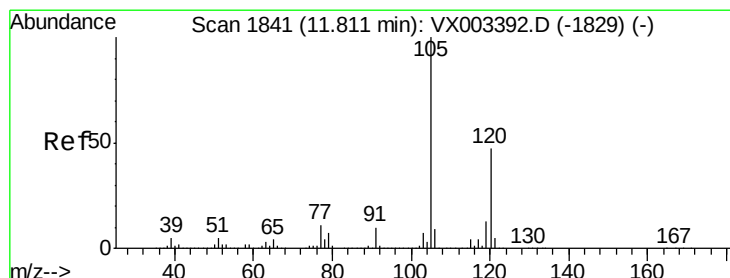
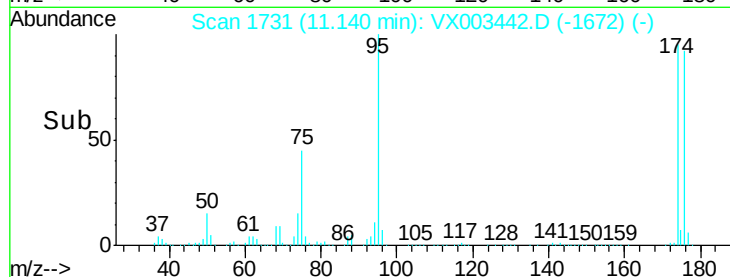
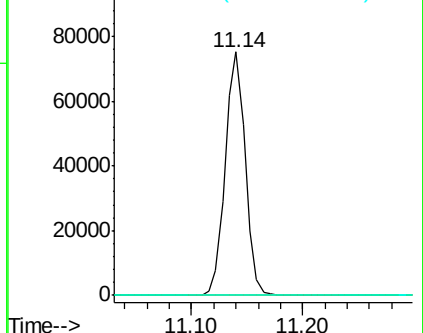
89 0.0 38.2 57.2#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.32 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003442.D

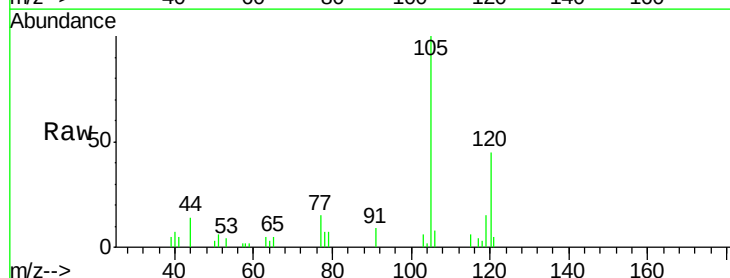
Acq: 18 Jul 2018 12:55

Tgt Ion: 105 Resp: 3596

Ion Ratio Lower Upper

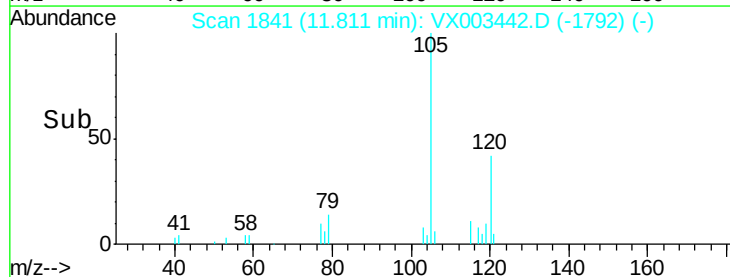
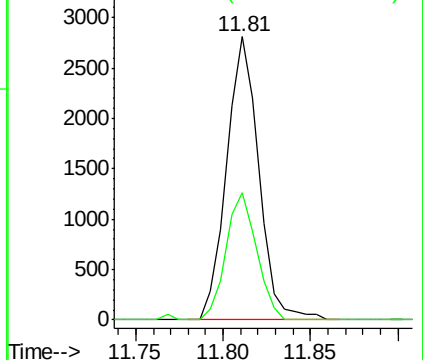
105 100

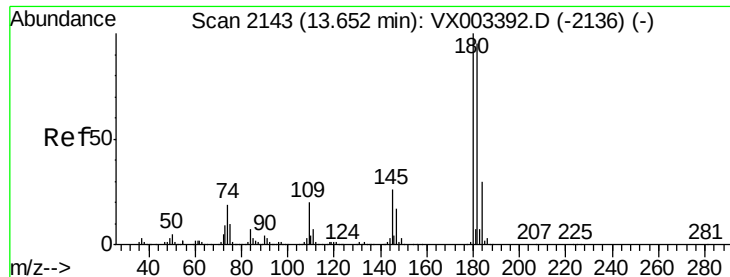
120 42.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

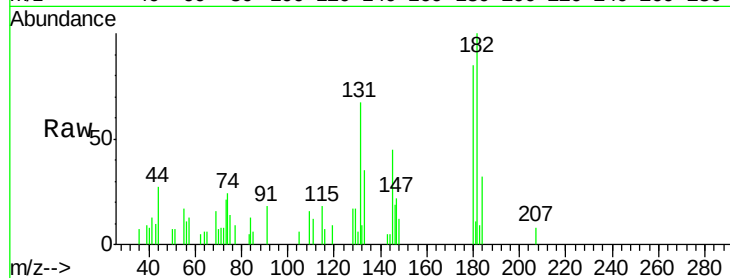




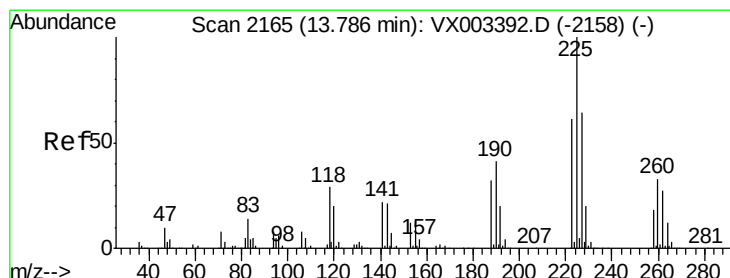
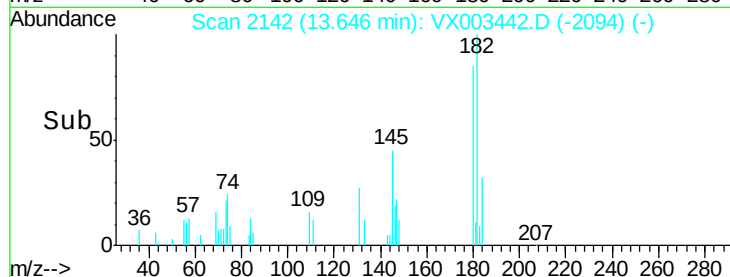
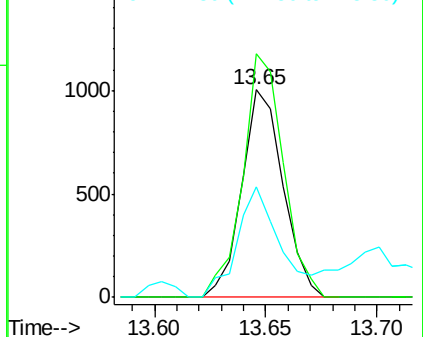
#93
 1,2,4-Trichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003442.D
 Acq: 18 Jul 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1300
 Ion Ratio Lower Upper
 180 100
 182 115.7 47.7 143.1
 145 55.1 14.1 42.4#

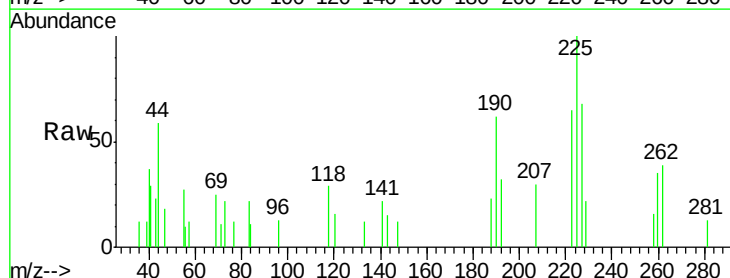


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

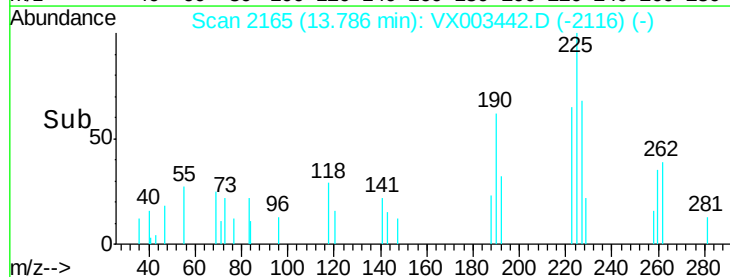
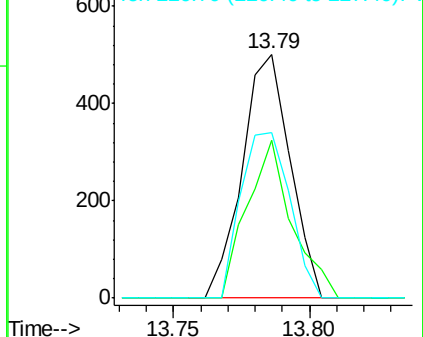


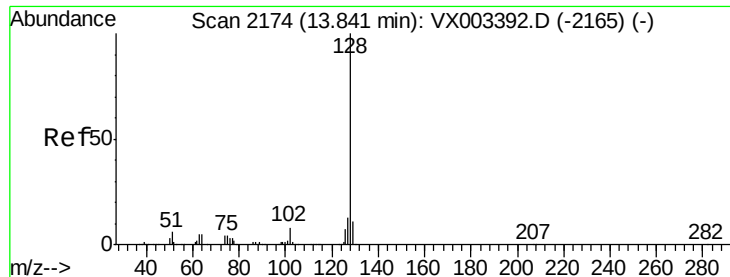
#94
 Hexachlorobutadiene
 Concen: 0.26 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003442.D
 Acq: 18 Jul 2018 12:55

Tgt Ion:225 Resp: 612
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.6 95.0
 227 69.4 32.4 97.2



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





#95

Naphthalene

Concen: 4.58 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

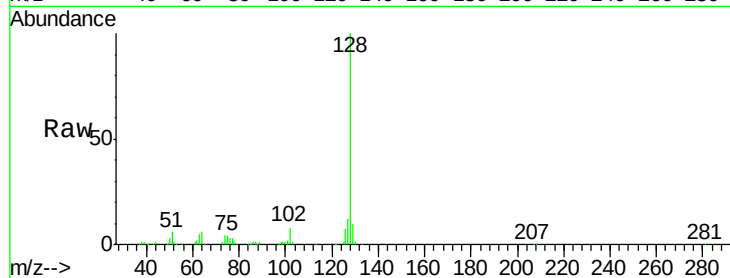
Tot Ion:128 Resp: 63557

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

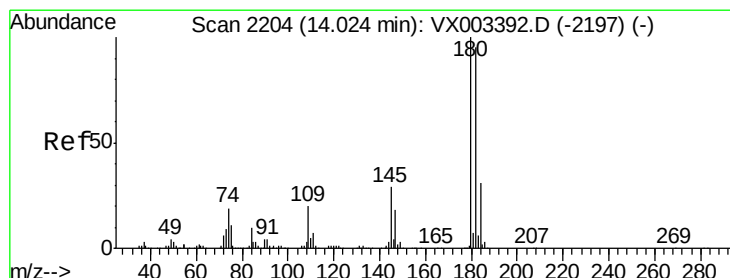
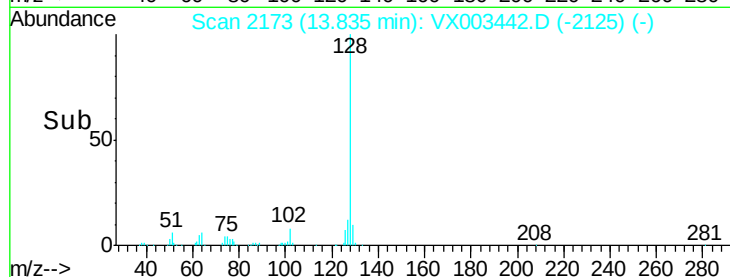
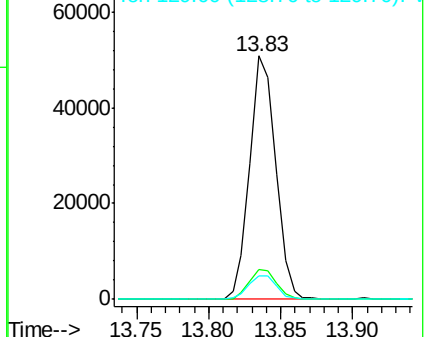
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.25 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003442.D

Acq: 18 Jul 2018 12:55

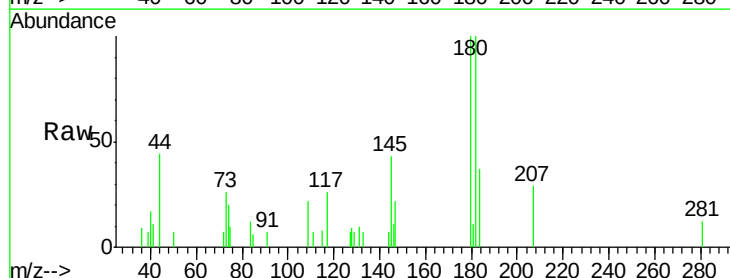
Tgt Ion:180 Resp: 1249

Ion Ratio Lower Upper

180 100

182 97.8 48.0 144.0

145 56.6 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

