

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004414.D
 Acq On : 07 Sep 2018 18:18
 Operator : JC/MD
 Sample : J4812-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Sep 08 03:23:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	351101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	544927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	537856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	303687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	224185	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	5.50	113	200540	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.71	98	805217	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.14	95	305446	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	901	0.49	ug/l	95
5) Bromomethane	1.64	94	865	Below	Cal	84
6) Chloroethane	1.95	64	566	1.12	ug/l #	45
10) Methyl Iodide	2.51	142	594	4.39	ug/l #	77
11) Tert butyl alcohol	3.07	59	909	0.93	ug/l #	72
13) Acrolein	2.30	56	304	1.29	ug/l #	16
14) Allyl chloride	2.84	41	25445	3.72	ug/l #	63
15) Acrylonitrile	3.16	53	4255	1.76	ug/l #	42
17) Carbon Disulfide	2.57	76	2353	1.02	ug/l #	95
18) Methyl Acetate	2.84	43	67860	9.99	ug/l #	51
20) Methylene Chloride	2.85	84	2438	0.55	ug/l #	46
25) 2-Butanone	4.71	43	7510	Below	Cal	92
30) Chloroform	5.27	83	10672	1.43	ug/l #	25
31) Cyclohexane	5.57	56	139242	21.70	ug/l	98
36) 1,1-Dichloropropene	5.67	75	22560	3.68	ug/l #	49
38) Carbon Tetrachloride	5.66	117	30605	5.31	ug/l #	14
39) Methylcyclohexane	7.46	83	211017	30.17	ug/l	92
41) Methacrylonitrile	5.06	41	2612	0.75	ug/l #	48
43) Isopropyl Acetate	6.45	43	10251	1.11	ug/l #	61
46) Dibromomethane	7.64	93	723	0.24	ug/l #	1
47) Bromodichloromethane	7.95	83	23382	4.12	ug/l #	26
48) Methyl methacrylate	7.78	41	6815	1.38	ug/l #	90
51) 4-Methyl-2-Pentanone	8.66	43	7195	1.07	ug/l #	47
52) Toluene	8.79	92	4973	0.43	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	58487	12.64	ug/l #	20
56) Ethyl methacrylate	9.16	69	12995	2.06	ug/l #	1
67) Ethyl Benzene	10.26	91	5095	0.23	ug/l	99
68) m/p-Xylenes	10.36	106	2984	0.35	ug/l	82
73) Isopropylbenzene	11.02	105	83676	4.20	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	139080	22.52	ug/l #	36
78) n-propylbenzene	11.36	91	128113	5.58	ug/l	98
79) 2-Chlorotoluene	11.36	91	128113	9.07	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.46	105	17651	1.07	ug/l	68
81) trans-1,4-Dichloro-2-buten	11.14	75	139080	73.06	ug/l #	10

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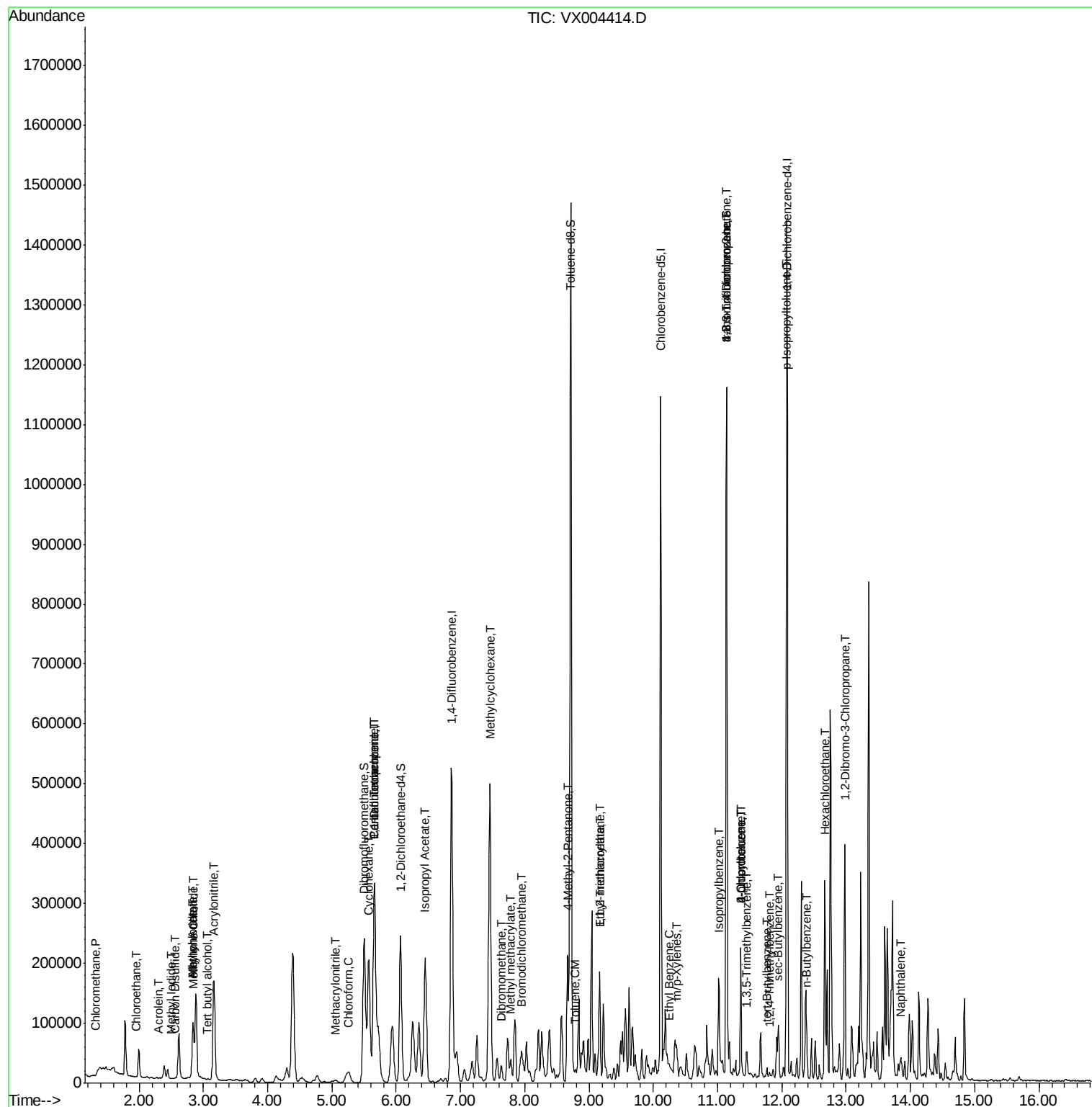
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.36	91	128113	7.71	ug/l #	44
83) tert-Butylbenzene	11.77	119	5562	0.33	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	3545	0.21	ug/l	95
85) sec-Butylbenzene	11.94	105	43534	2.21	ug/l	97
86) p-Isopropyltoluene	12.07	119	10818	0.61	ug/l	88
89) n-Butylbenzene	12.39	91	34713	2.41	ug/l #	61
90) Hexachloroethane	12.67	117	14345	5.80	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1391	1.13	ug/l #	1
94) Hexachlorobutadiene	13.79	225	185	Below	Cal #	66
95) Naphthalene	13.83	128	17636	0.89	ug/l #	85

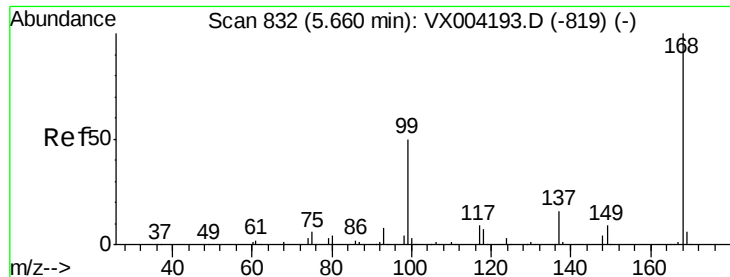
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

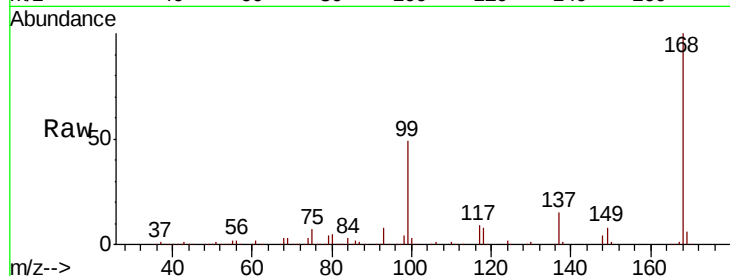
MW-10

Tot Ion:168 Resp: 351101

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

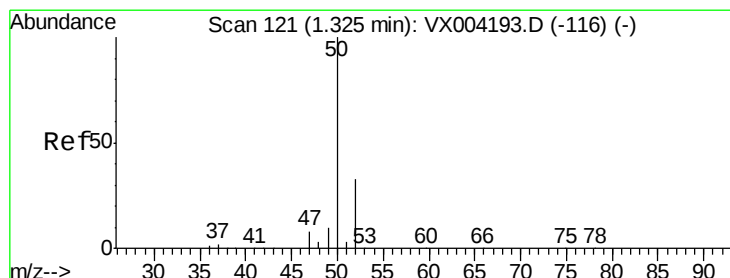
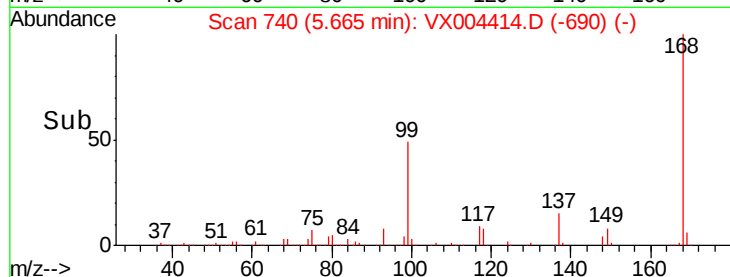
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.49 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004414.D

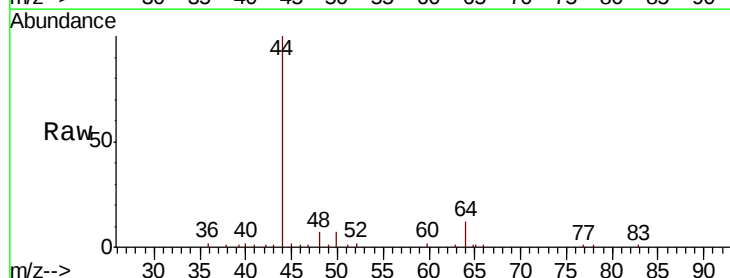
Acq: 07 Sep 2018 18:18

Tgt Ion: 50 Resp: 901

Ion Ratio Lower Upper

50 100

52 35.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

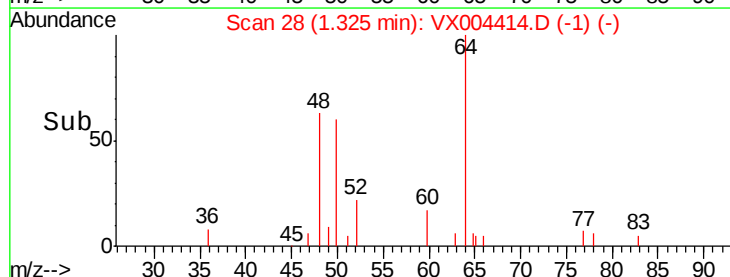
600

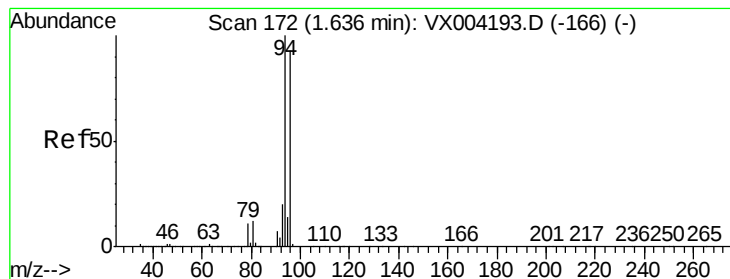
400

200

0

Time--> 1.28 1.30 1.32 1.34





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampled :

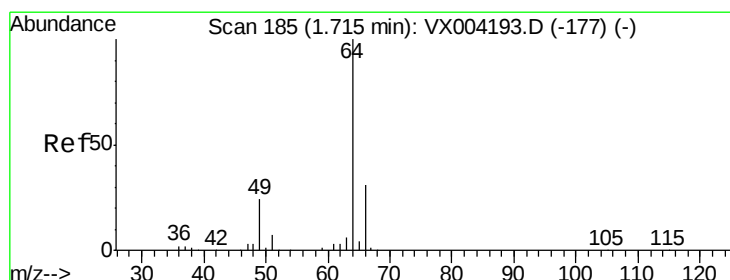
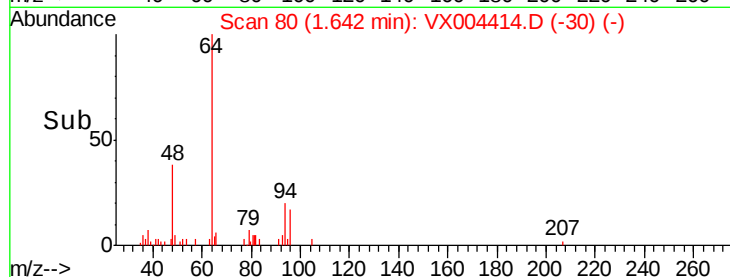
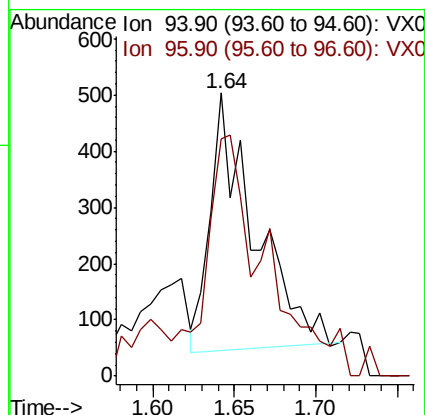
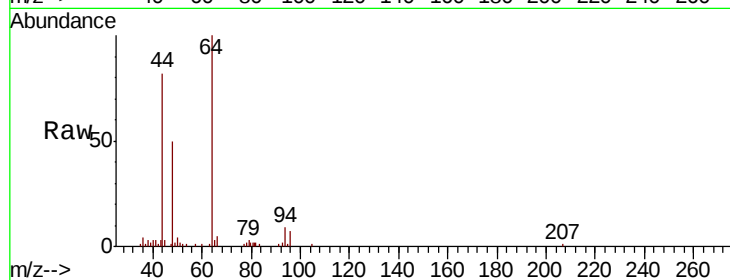
MW-10

Tot Ion: 94 Resp: 865

Ion Ratio Lower Upper

94 100

96 77.7 74.5 111.7



#6

Chloroethane

Concen: 1.12 ug/l

RT: 1.95 min Scan# 131

Delta R.T. 0.24 min

Lab File: VX004414.D

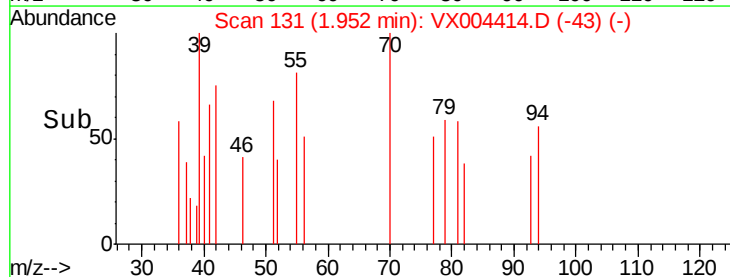
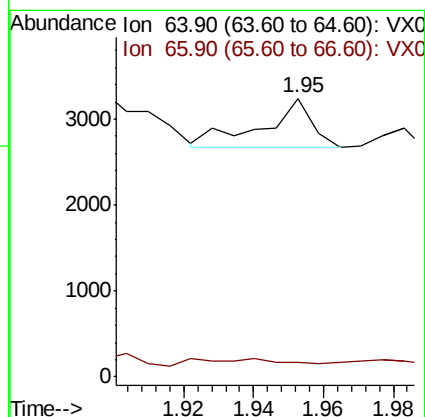
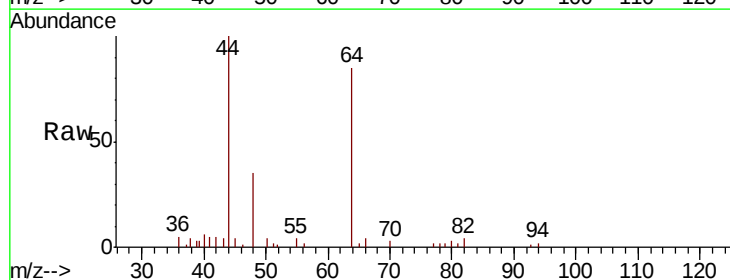
Acq: 07 Sep 2018 18:18

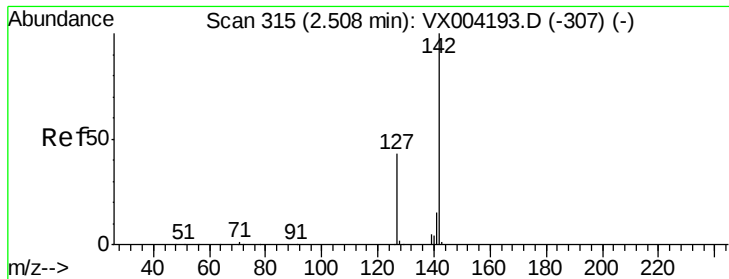
Tgt Ion: 64 Resp: 566

Ion Ratio Lower Upper

64 100

66 0.5 24.6 36.8#





#10

Methyl Iodide

Concen: 4.39 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-10

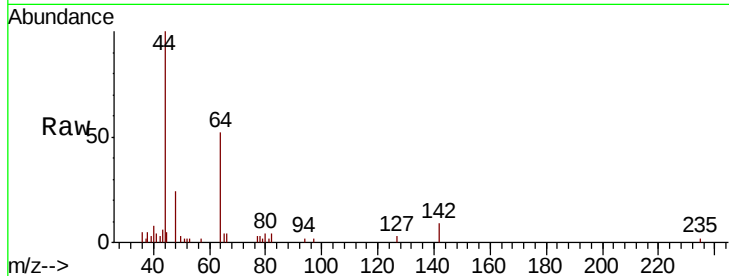
Tot Ion:142 Resp: 594

Ion Ratio Lower Upper

142 100

127 30.5 33.8 50.6#

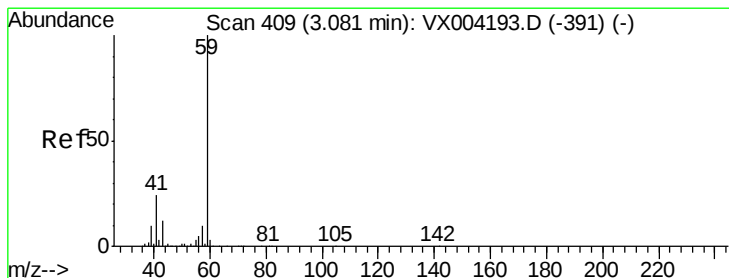
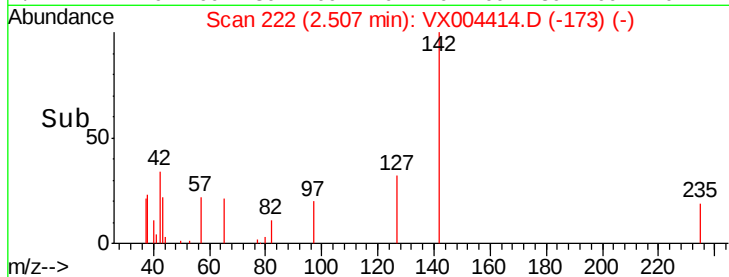
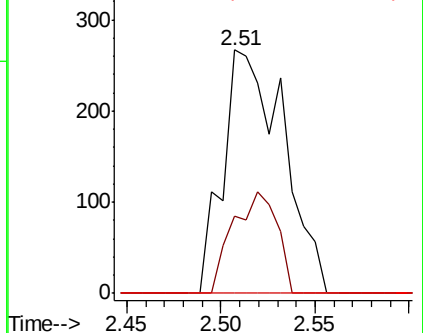
141 0.0 11.4 17.0#



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



#11

Tert butyl alcohol

Concen: 0.93 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004414.D

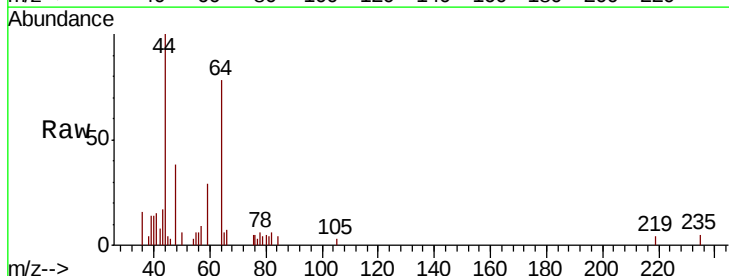
Acq: 07 Sep 2018 18:18

Tgt Ion: 59 Resp: 909

Ion Ratio Lower Upper

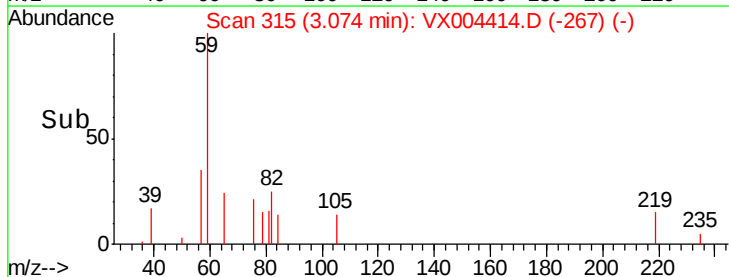
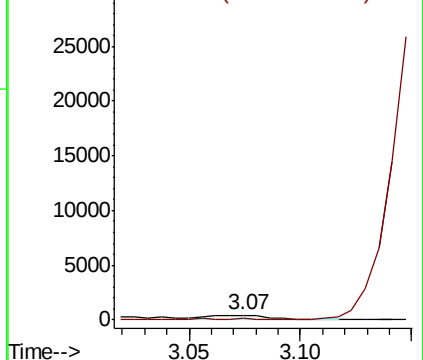
59 100

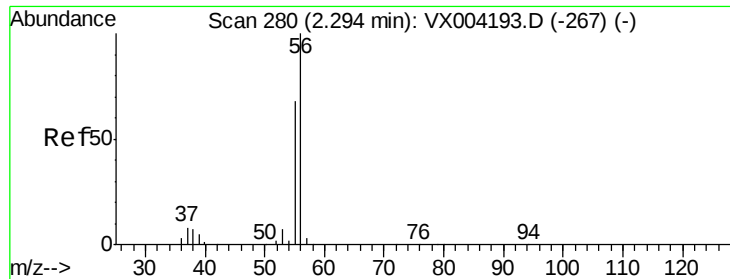
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.29 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampled :

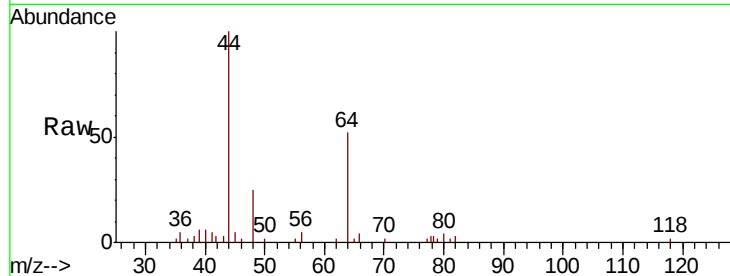
MW-10

Tot Ion: 56 Resp: 304

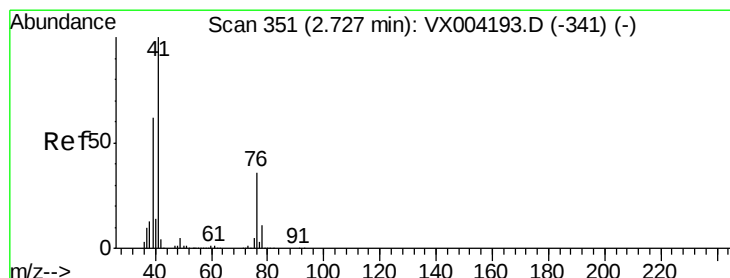
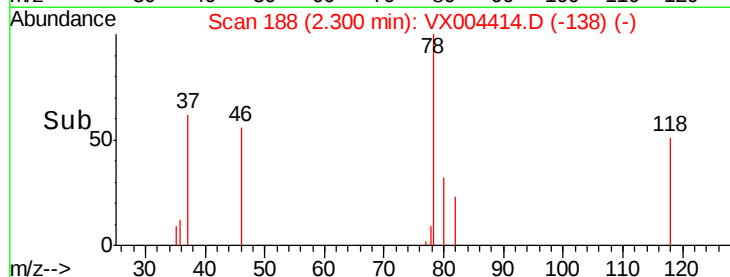
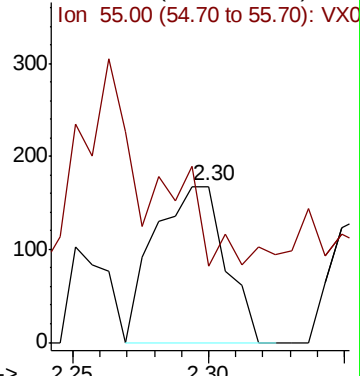
Ion Ratio Lower Upper

56 100

55 0.0 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0



#14

Allyl chloride

Concen: 3.72 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.11 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

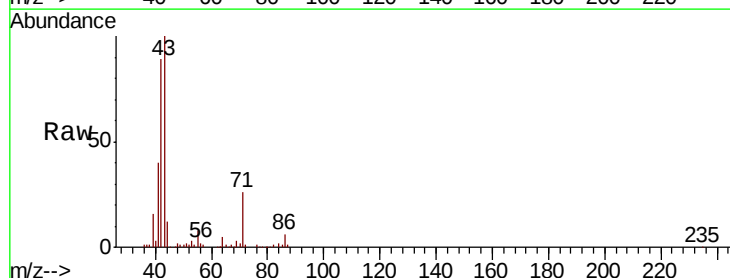
Tgt Ion: 41 Resp: 25445

Ion Ratio Lower Upper

41 100

39 41.6 48.9 73.3#

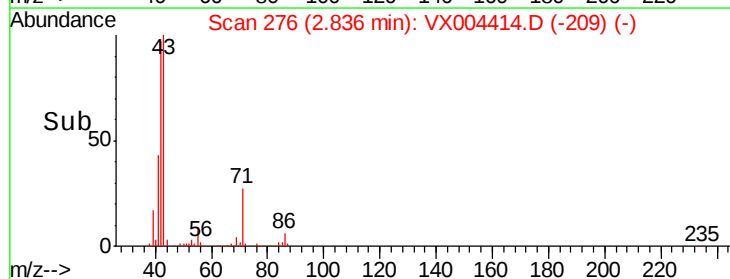
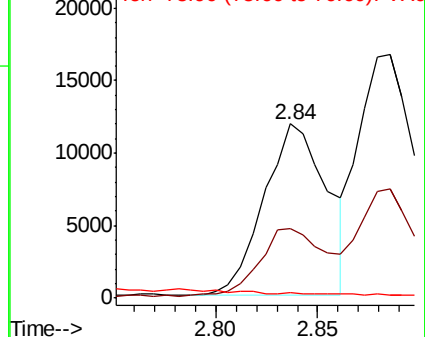
76 0.0 26.7 40.1#

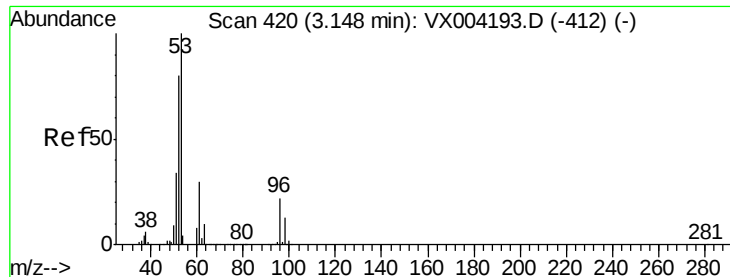


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 1.76 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

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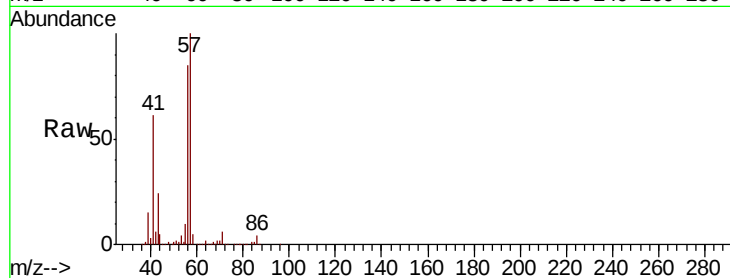
Tot Ion: 53 Resp: 4255

Ion Ratio Lower Upper

53 100

52 24.6 65.2 97.8#

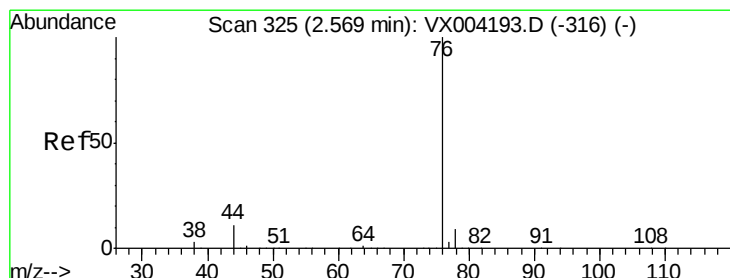
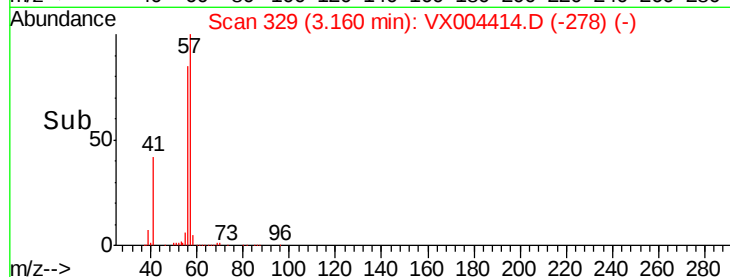
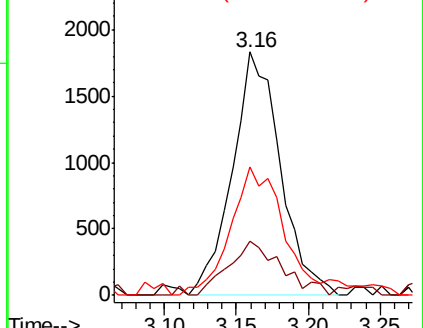
51 60.4 28.2 42.2#



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



#17

Carbon Disulfide

Concen: 1.02 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004414.D

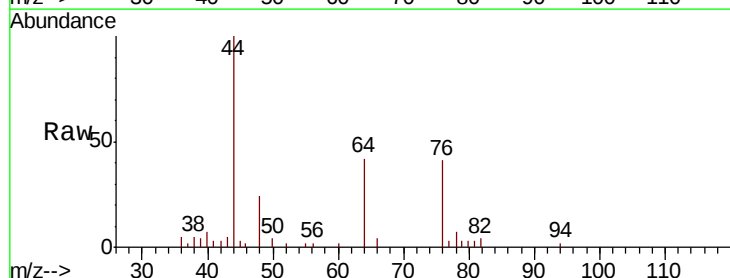
Acq: 07 Sep 2018 18:18

Tgt Ion: 76 Resp: 2353

Ion Ratio Lower Upper

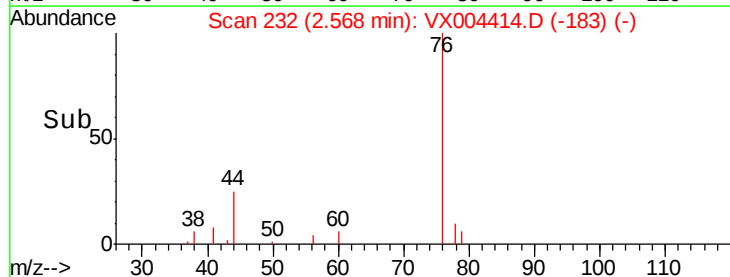
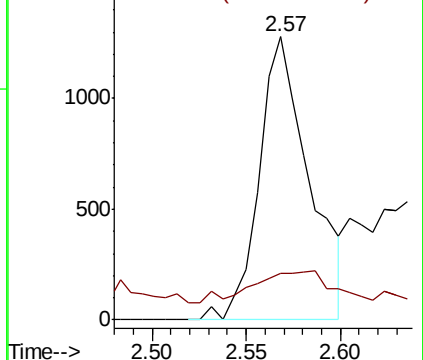
76 100

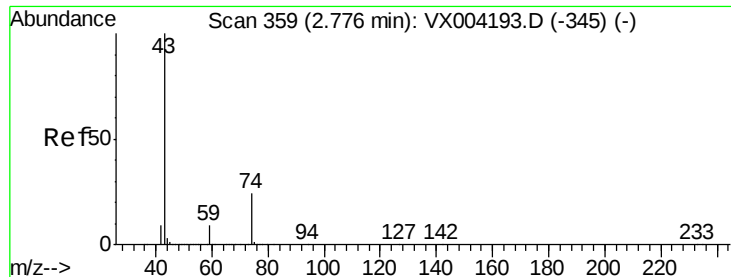
78 10.6 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

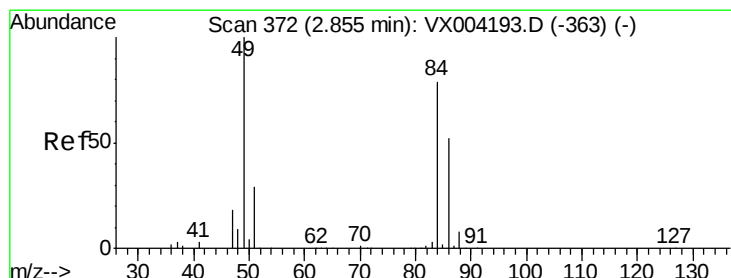
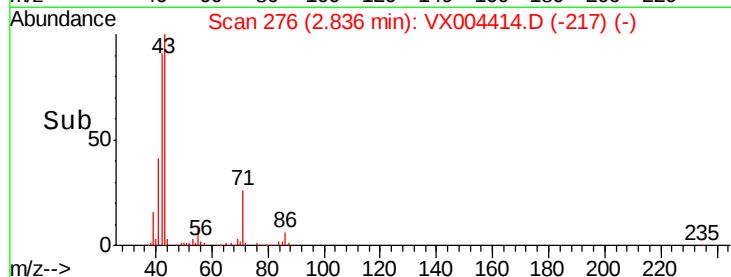
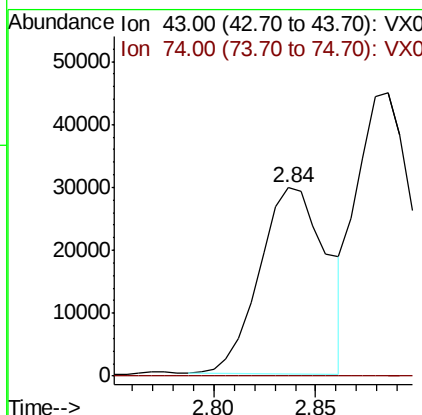
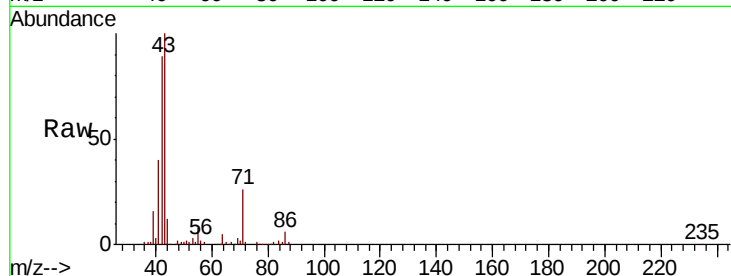




#18
Methyl Acetate
Concen: 9.99 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.06 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

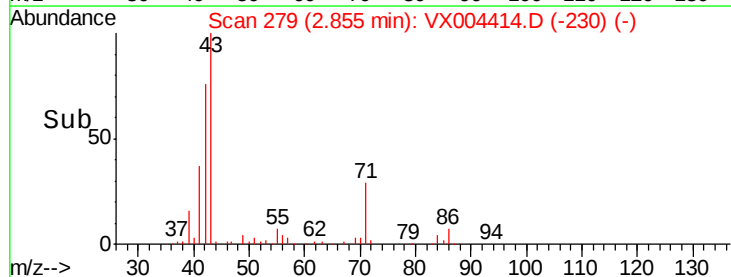
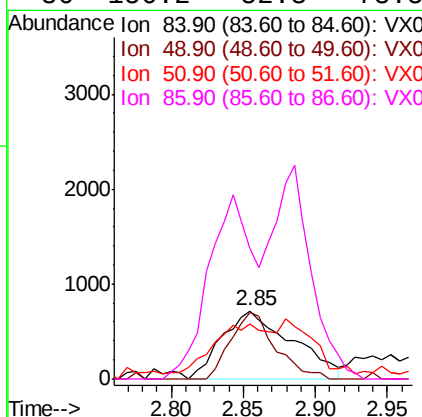
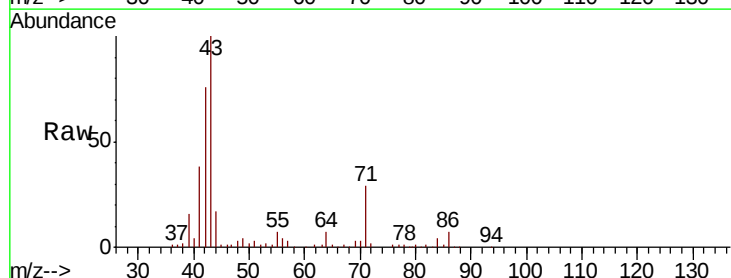
Instrument :
MSVOA_X
ClientSampled :
MW-10

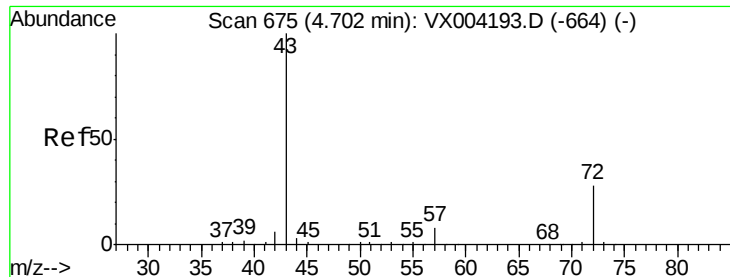
Tot Ion: 43 Resp: 67860
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 0.55 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Tgt Ion: 84 Resp: 2438
Ion Ratio Lower Upper
84 100
49 97.3 101.2 151.8#
51 64.6 29.5 44.3#
86 156.2 52.3 78.5#

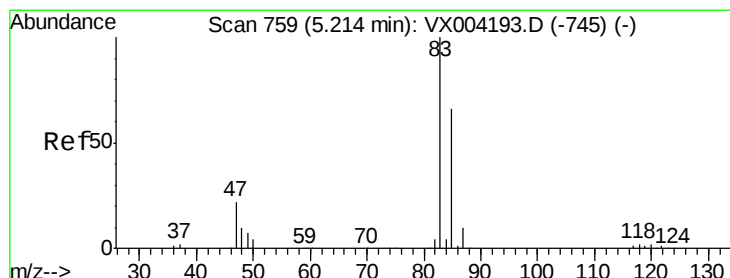
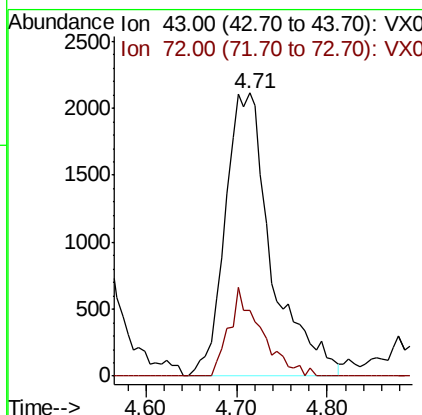
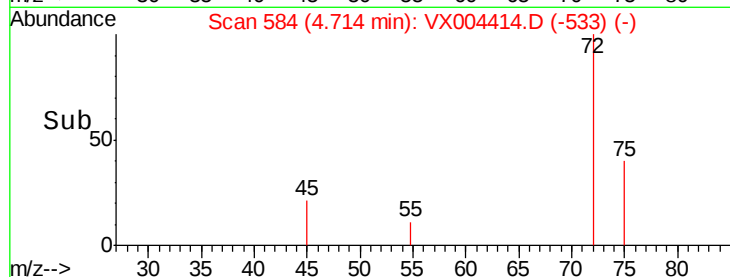
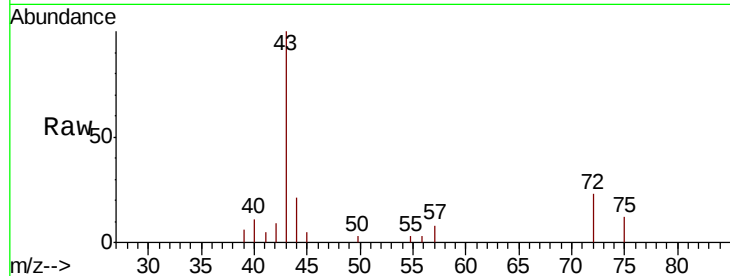




#25
 2-Butanone
 Concen: Below Cal
 RT: 4.71 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

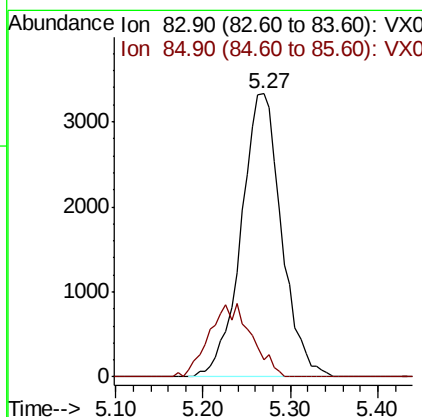
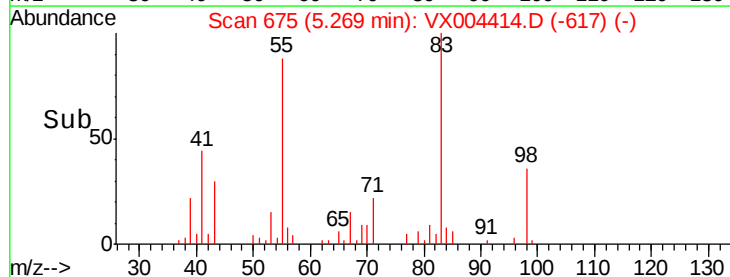
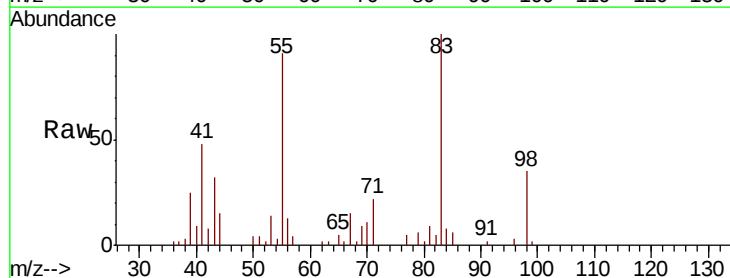
Instrument :
 MSVOA_X
 ClientSampleID :
 MW-10

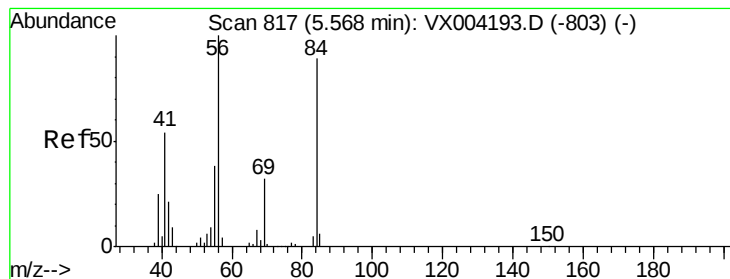
Tot Ion: 43 Resp: 7510
 Ion Ratio Lower Upper
 43 100
 72 23.5 22.0 33.0



#30
 Chloroform
 Concen: 1.43 ug/l
 RT: 5.27 min Scan# 675
 Delta R.T. 0.05 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

Tgt Ion: 83 Resp: 10672
 Ion Ratio Lower Upper
 83 100
 85 6.1 52.6 79.0#





#31

Cyclohexane

Concen: 21.70 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-10

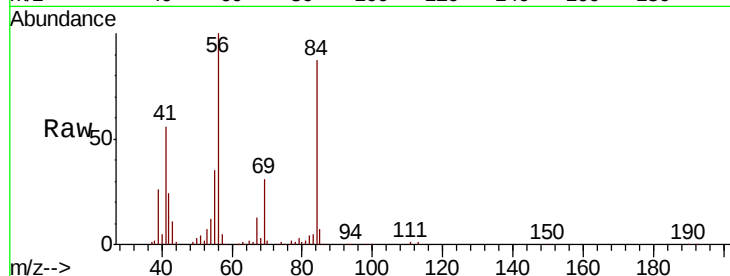
Tot Ion: 56 Resp: 139242

Ion Ratio Lower Upper

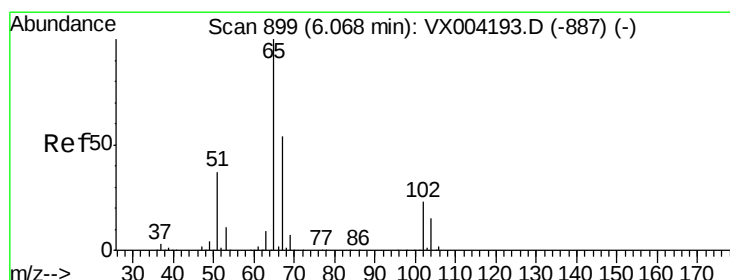
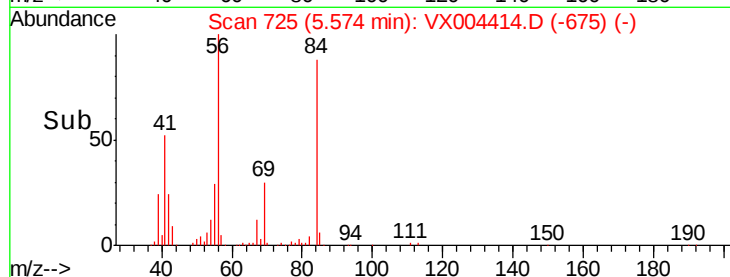
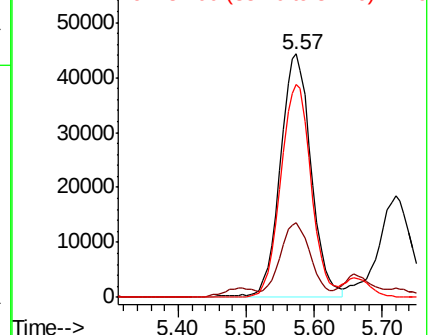
56 100

69 30.4 25.4 38.2

84 87.4 71.4 107.2



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



#33

1,2-Dichloroethane-d4

Concen: 48.99 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004414.D

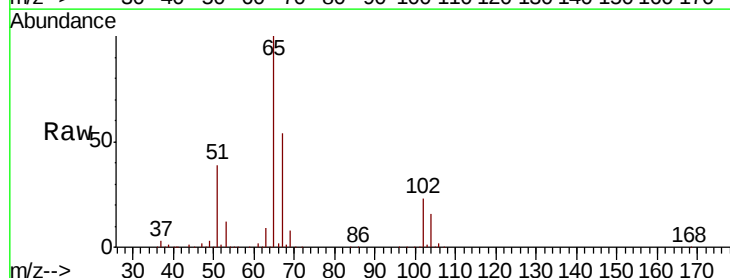
Acq: 07 Sep 2018 18:18

Tgt Ion: 65 Resp: 224185

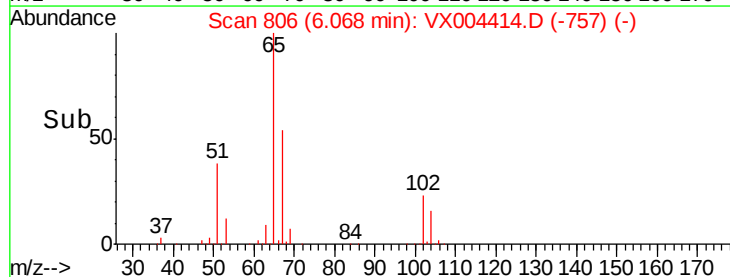
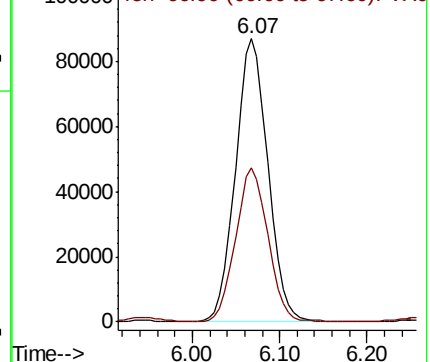
Ion Ratio Lower Upper

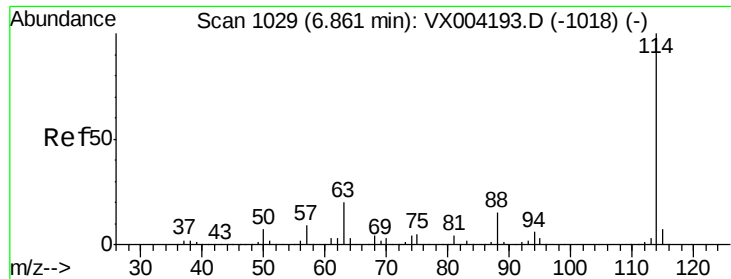
65 100

67 53.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

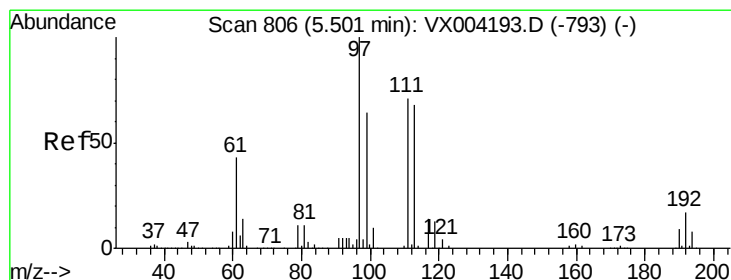
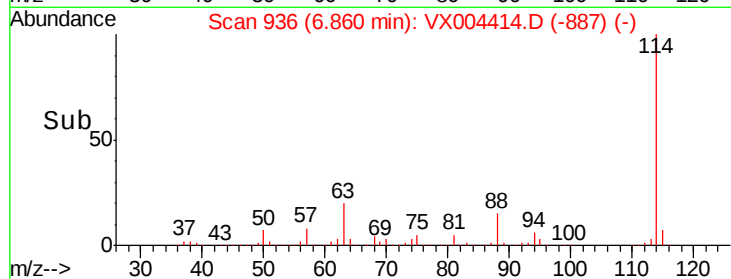
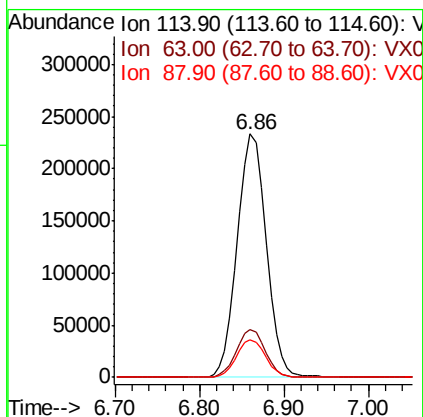
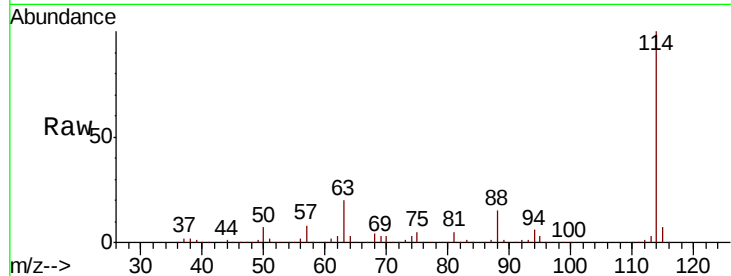




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

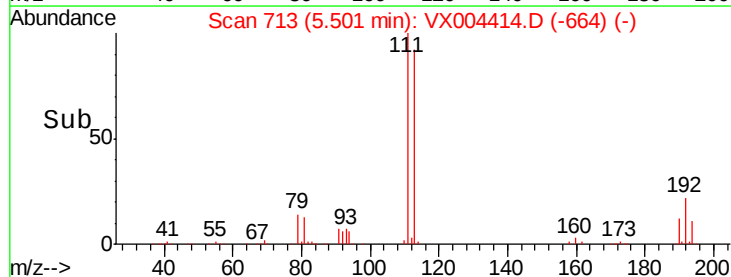
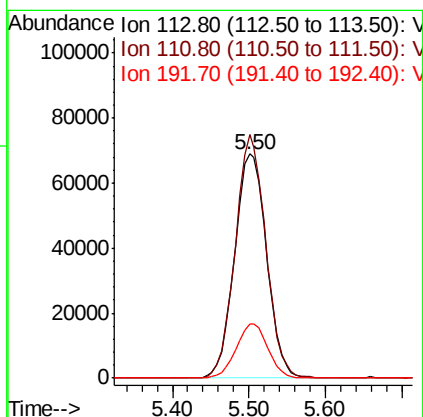
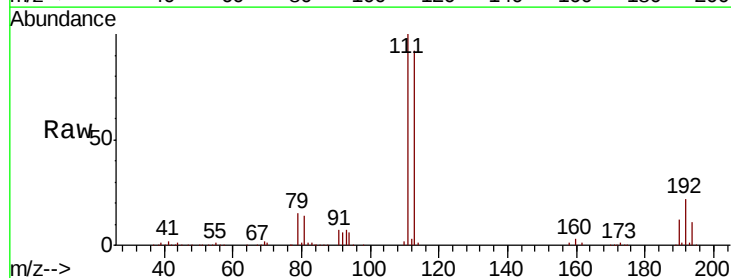
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

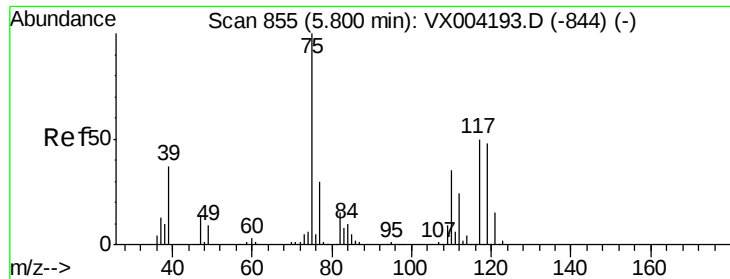
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.3	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 49.47 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	23.8	19.4	29.2





#36

1,1-Dichloropropene

Concen: 3.68 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampled :

MW-10

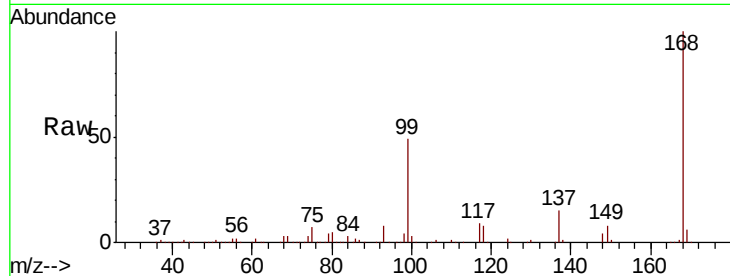
Tot Ion: 75 Resp: 22560

Ion Ratio Lower Upper

75 100

110 8.9 18.0 54.0#

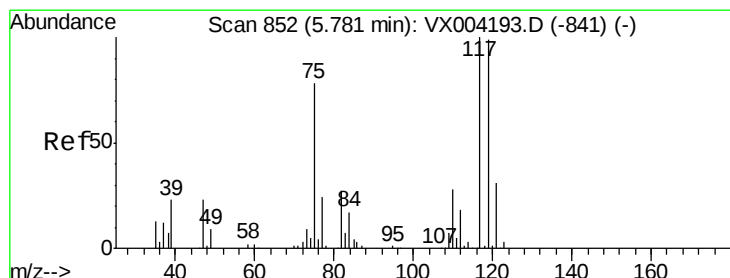
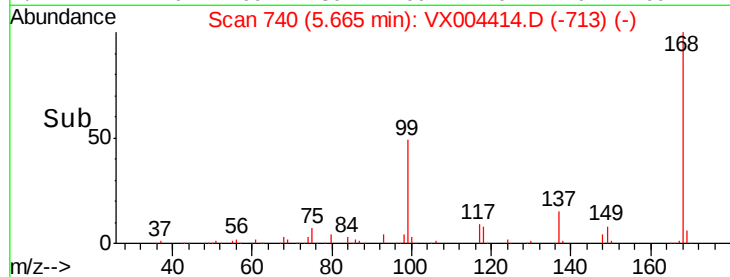
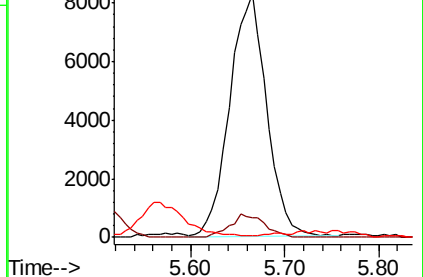
77 0.0 24.6 36.8#



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: 5.31 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

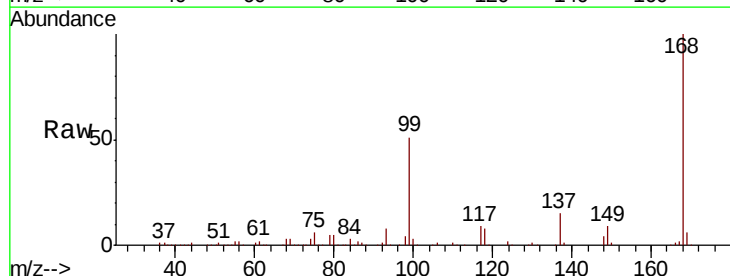
Tgt Ion: 117 Resp: 30605

Ion Ratio Lower Upper

117 100

119 4.6 78.8 118.2#

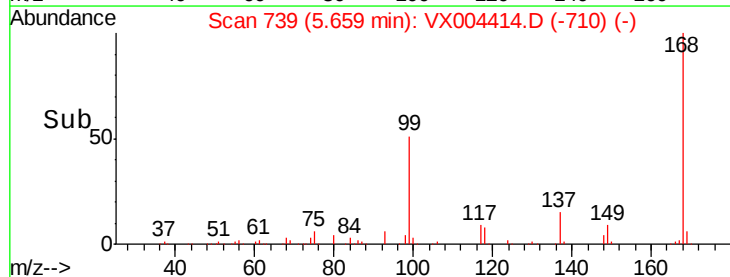
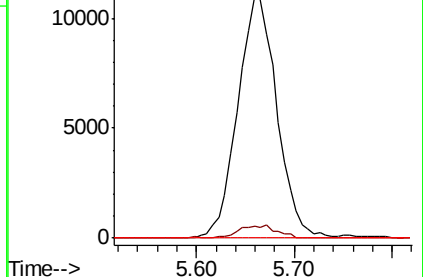
121 0.0 24.9 37.3#

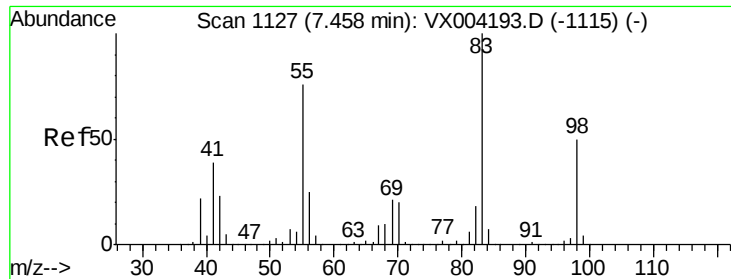


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

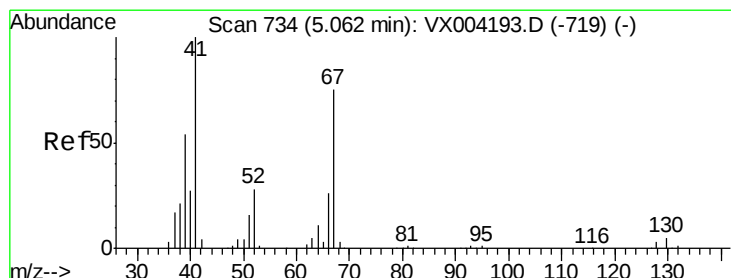
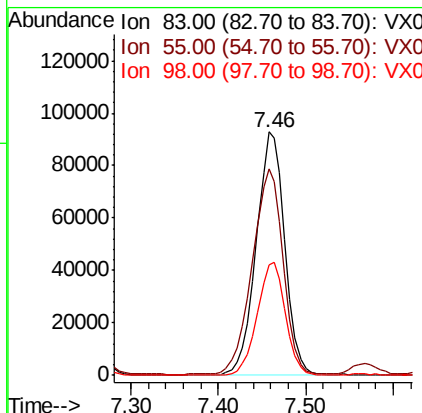
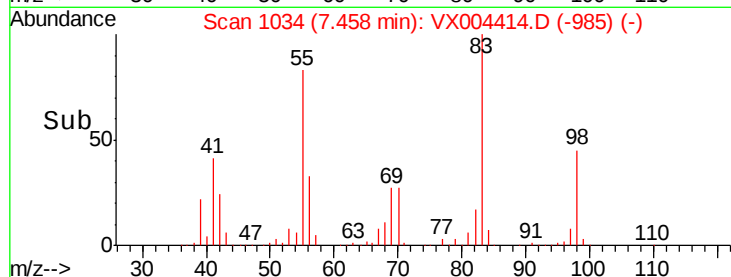
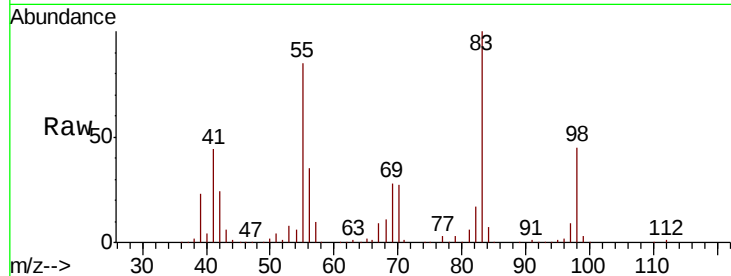




#39
Methylcyclohexane
Concen: 30.17 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

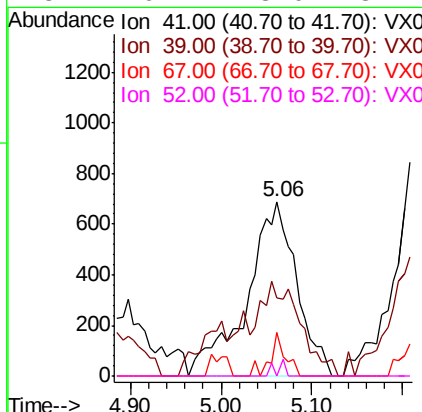
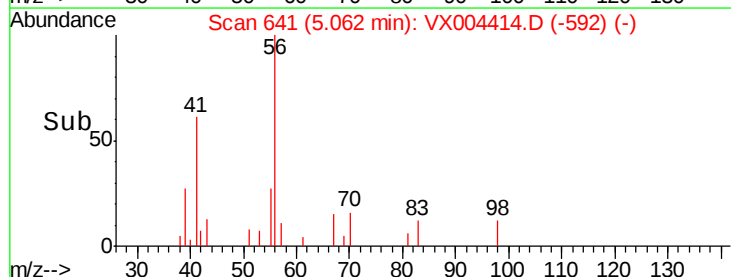
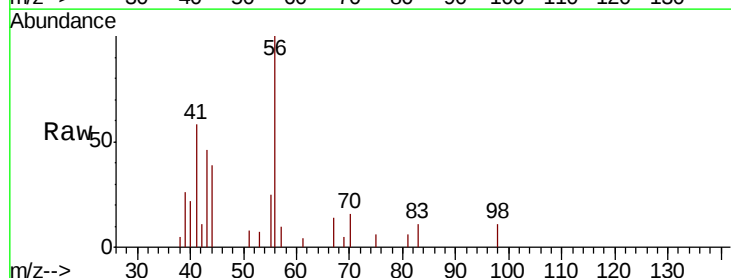
Instrument :
MSVOA_X
ClientSampleId :
MW-10

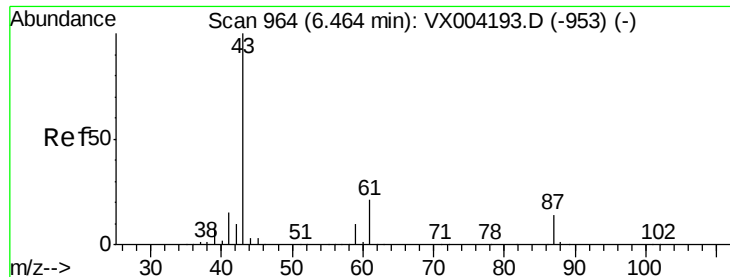
Tot Ion: 83 Resp: 211017
Ion Ratio Lower Upper
83 100
55 84.6 61.0 91.4
98 45.5 39.6 59.4



#41
Methacrylonitrile
Concen: 0.75 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Tgt Ion: 41 Resp: 2612
Ion Ratio Lower Upper
41 100
39 44.1 42.4 63.6
67 6.7 59.2 88.8#
52 0.7 23.0 34.4#





#43

Isopropyl Acetate

Concen: 1.11 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampled :

MW-10

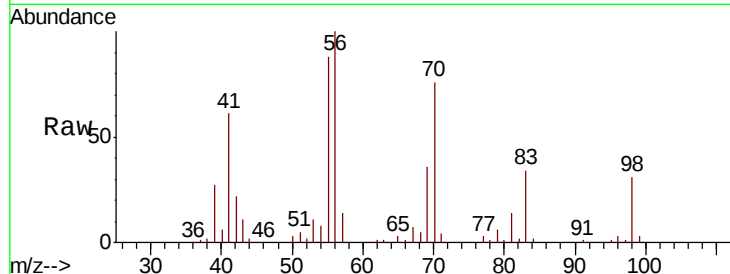
Tot Ion: 43 Resp: 10251

Ion Ratio Lower Upper

43 100

61 1.5 17.0 25.4#

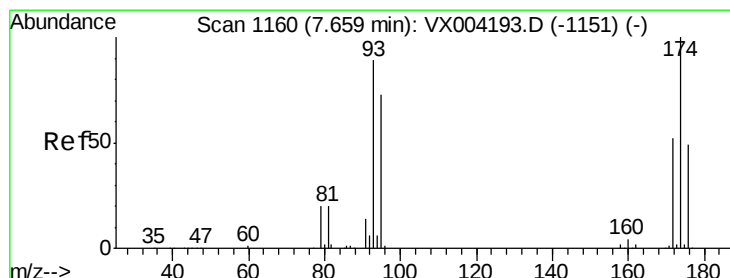
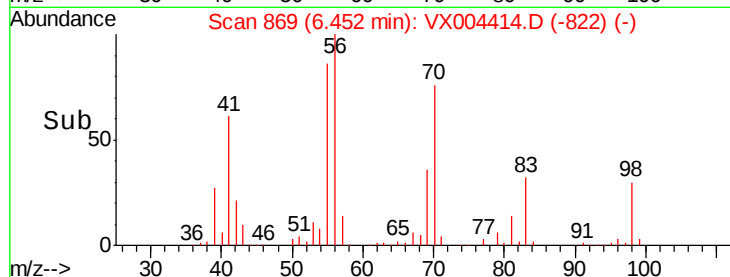
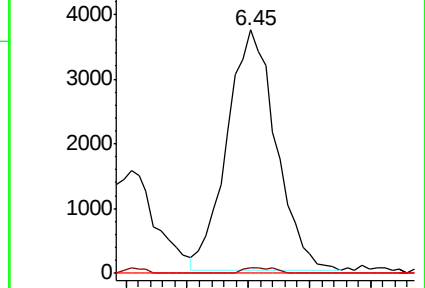
87 0.0 11.4 17.2#



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



#46

Dibromomethane

Concen: 0.24 ug/l

RT: 7.64 min Scan# 1064

Delta R.T. -0.02 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

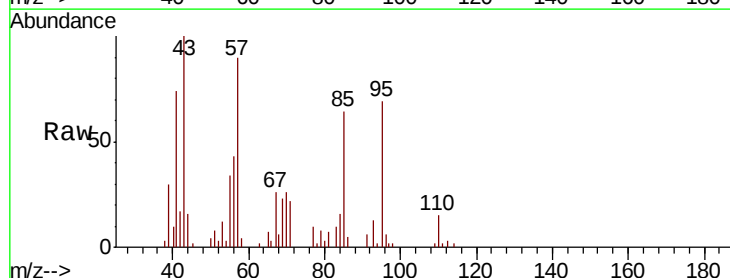
Tgt Ion: 93 Resp: 723

Ion Ratio Lower Upper

93 100

95 878.7 65.5 98.3#

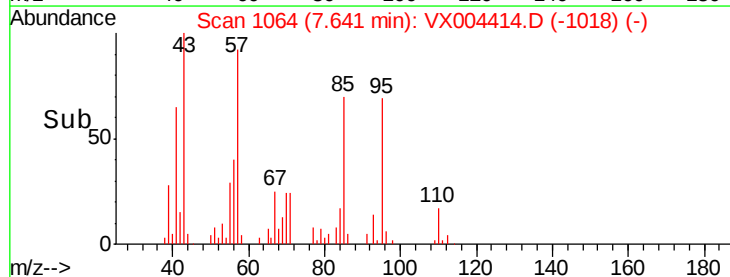
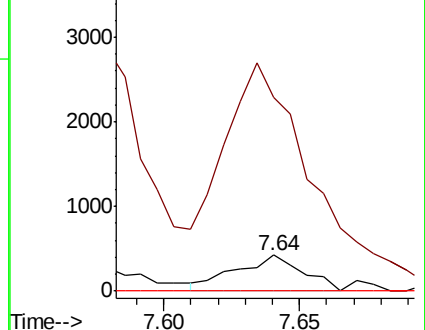
174 0.0 94.2 141.4#

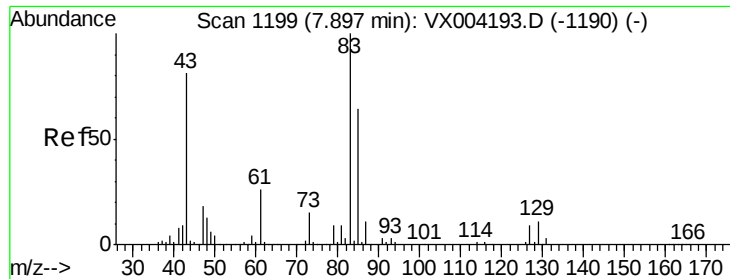


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.12 ug/l

RT: 7.95 min Scan# 1114

Delta R.T. 0.05 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampled :

MW-10

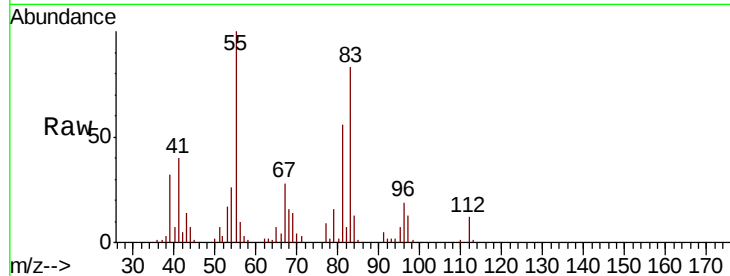
Tot Ion: 83 Resp: 23382

Ion Ratio Lower Upper

83 100

85 0.7 50.9 76.3#

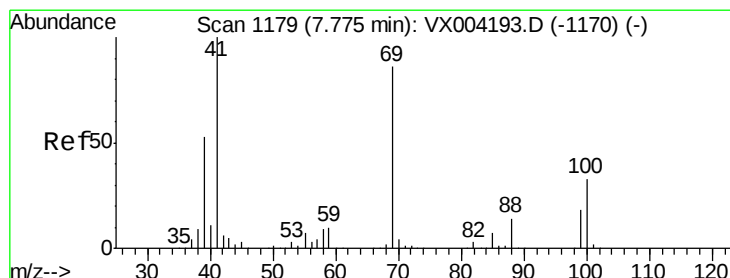
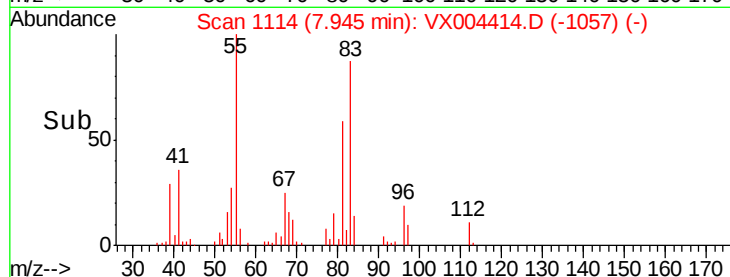
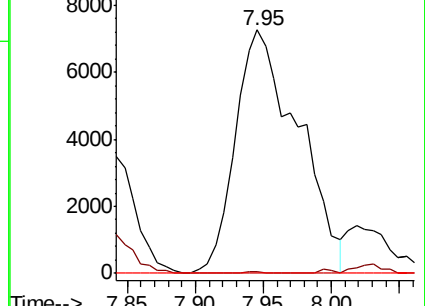
127 0.0 7.3 10.9#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.38 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

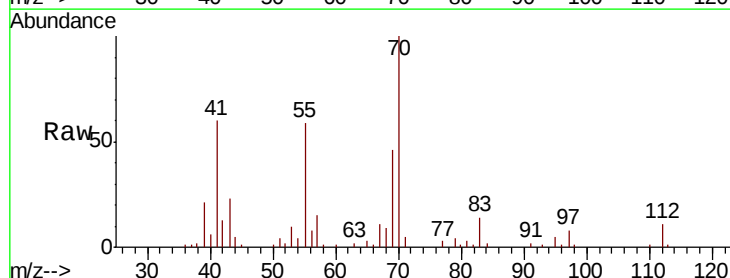
Tgt Ion: 41 Resp: 6815

Ion Ratio Lower Upper

41 100

69 91.5 70.2 105.4

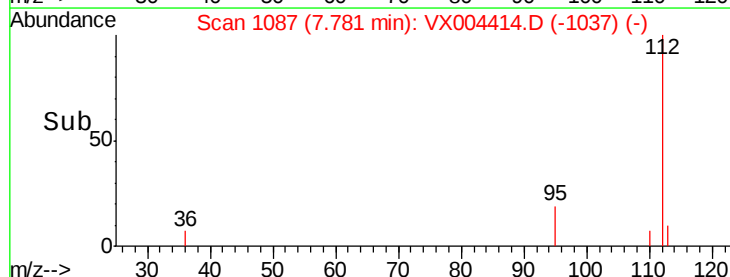
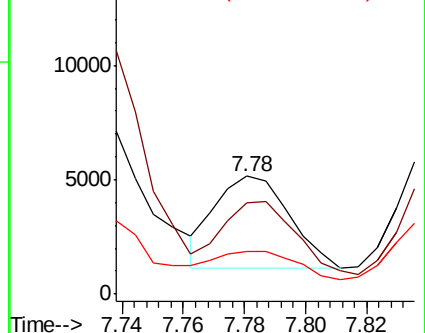
39 39.3 42.7 64.1#

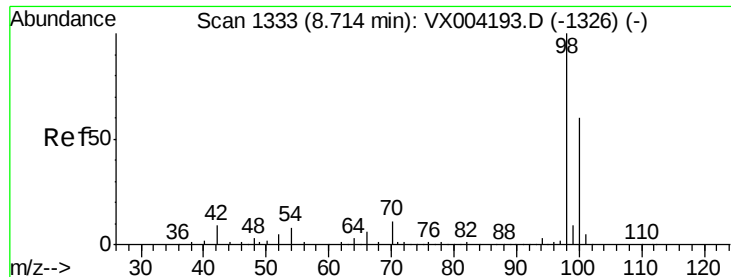


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 52.62 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

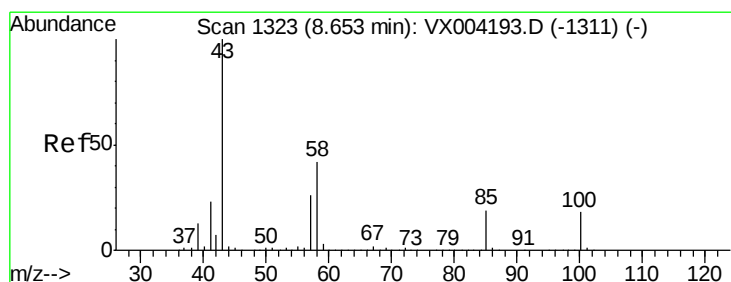
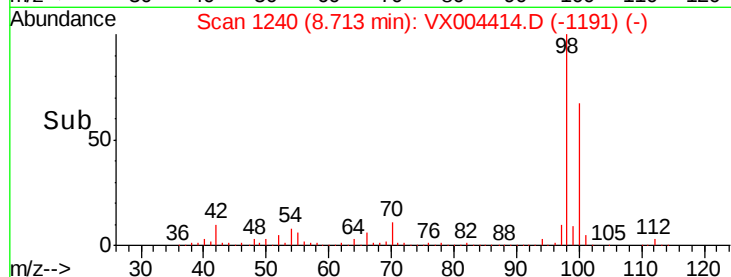
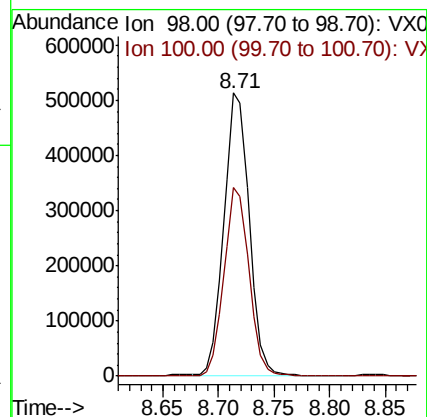
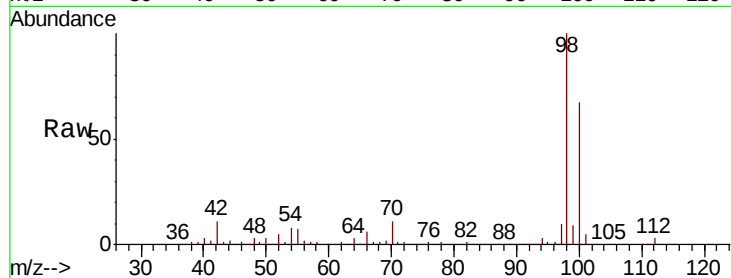
MW-10

Tot Ion: 98 Resp: 805217

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 1.07 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX004414.D

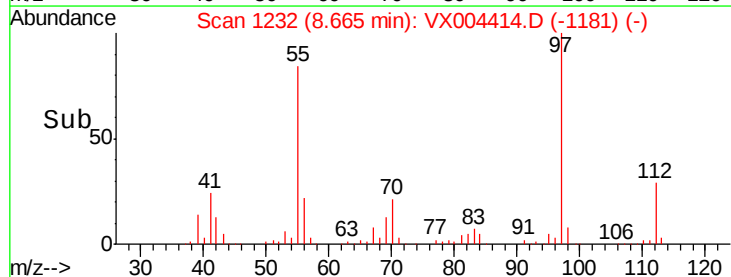
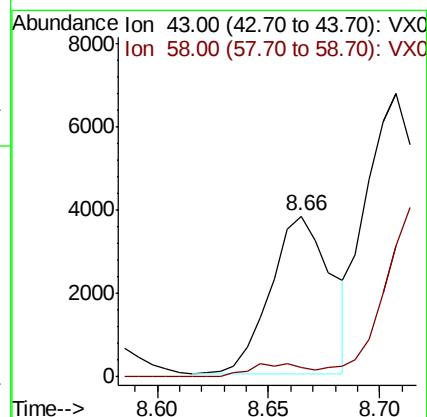
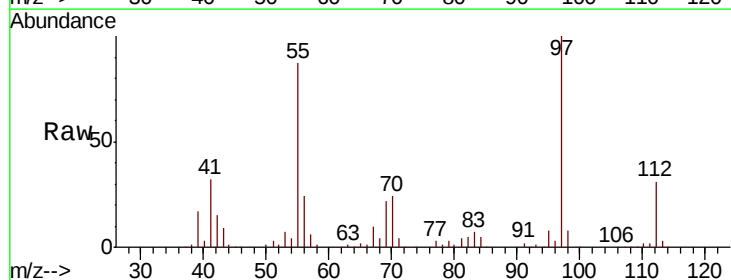
Acq: 07 Sep 2018 18:18

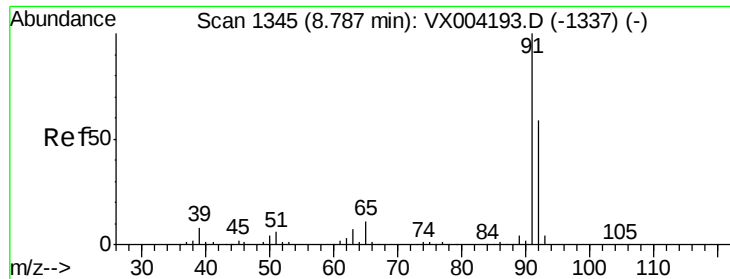
Tgt Ion: 43 Resp: 7195

Ion Ratio Lower Upper

43 100

58 7.9 33.1 49.7#





#52

Toluene

Concen: 0.43 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

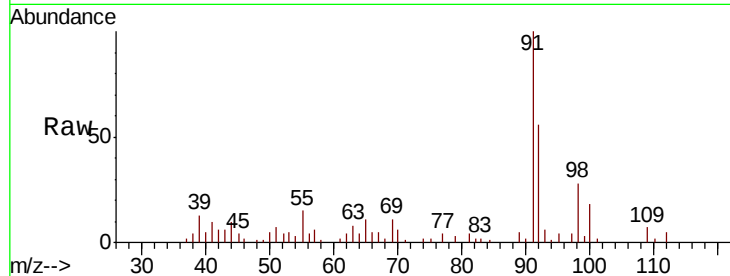
MW-10

Tot Ion: 92 Resp: 4973

Ion Ratio Lower Upper

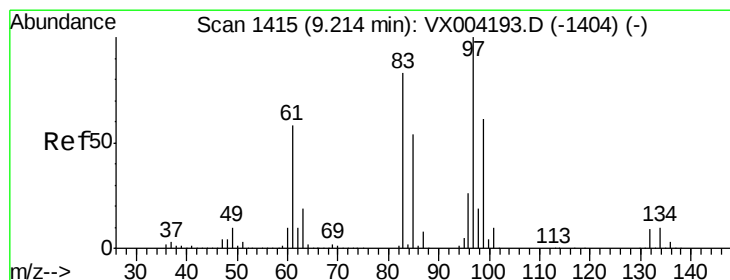
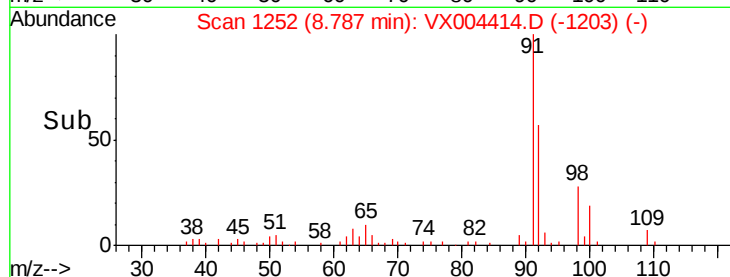
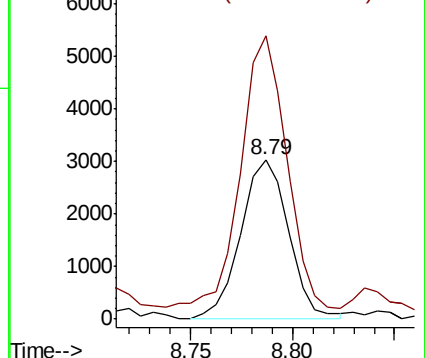
92 100

91 166.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 12.64 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Tgt Ion: 97 Resp: 58487

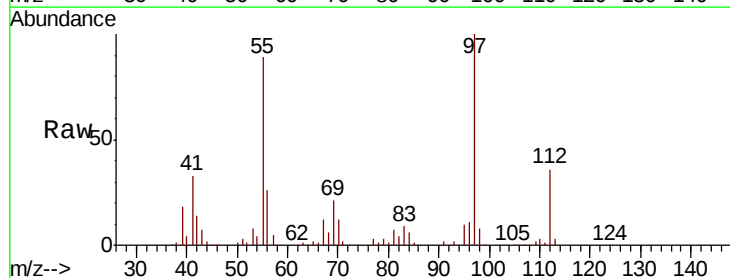
Ion Ratio Lower Upper

97 100

83 7.7 66.4 99.6#

85 0.5 43.3 64.9#

99 0.5 49.0 73.4#

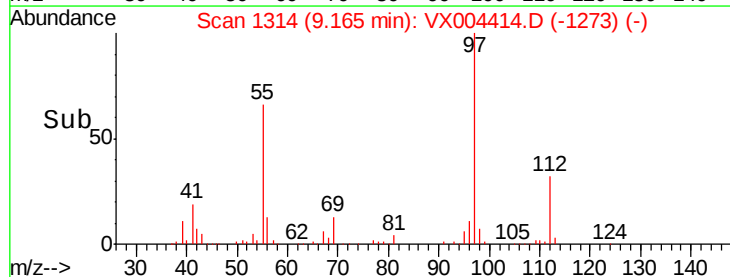
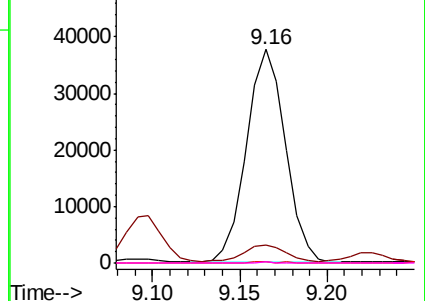


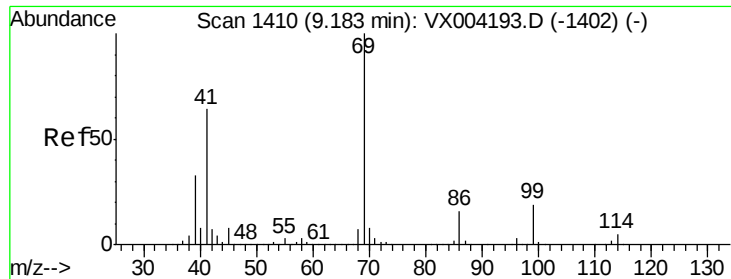
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 2.06 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-10

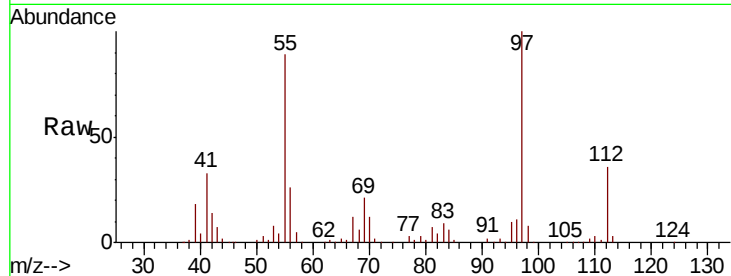
Tot Ion: 69 Resp: 12995

Ion Ratio Lower Upper

69 100

41 150.1 51.0 76.4#

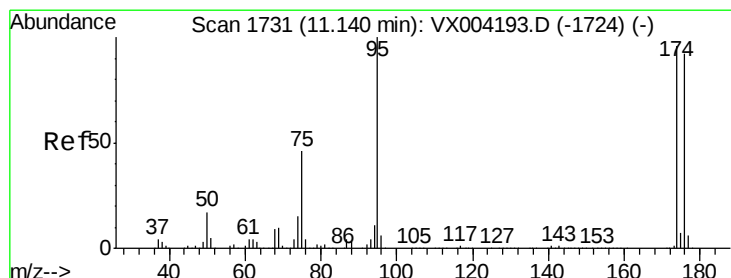
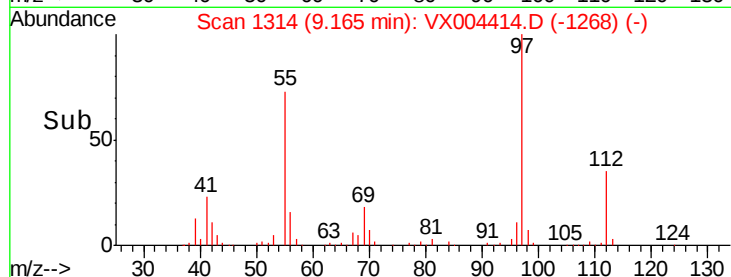
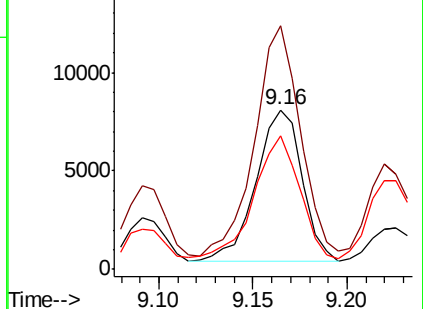
39 79.4 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 53.50 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

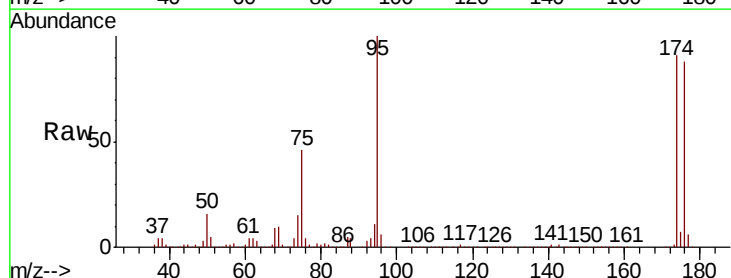
Tgt Ion: 95 Resp: 305446

Ion Ratio Lower Upper

95 100

174 88.5 0.0 185.2

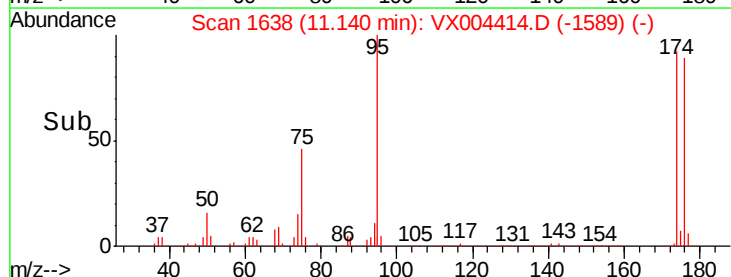
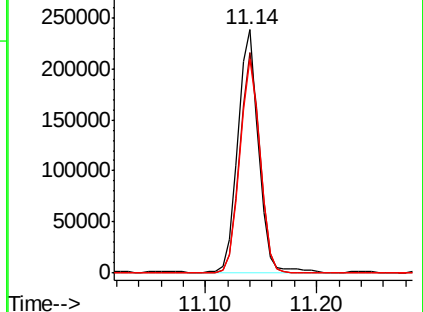
176 85.9 0.0 178.6

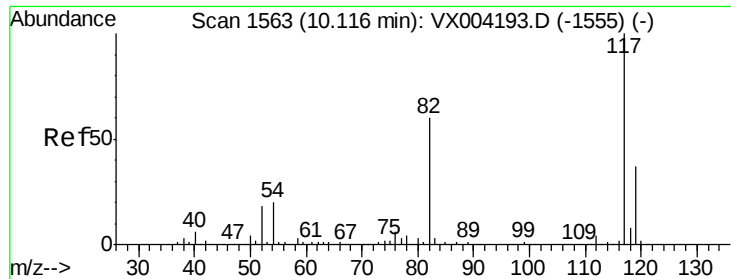


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

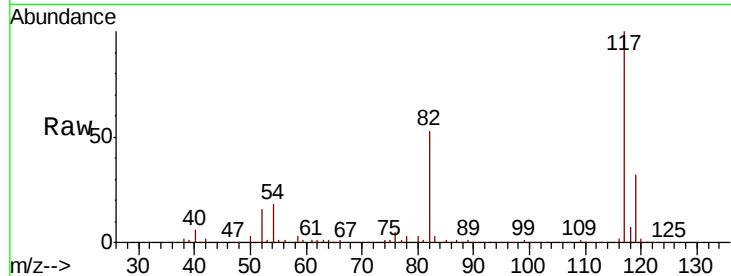




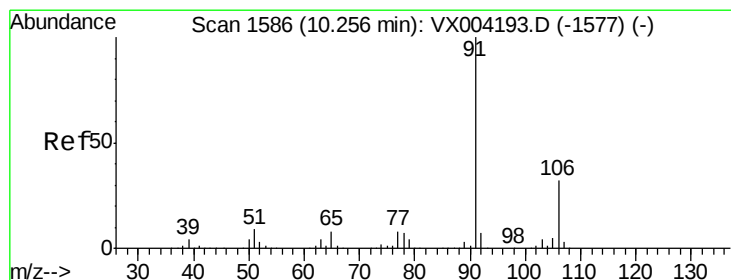
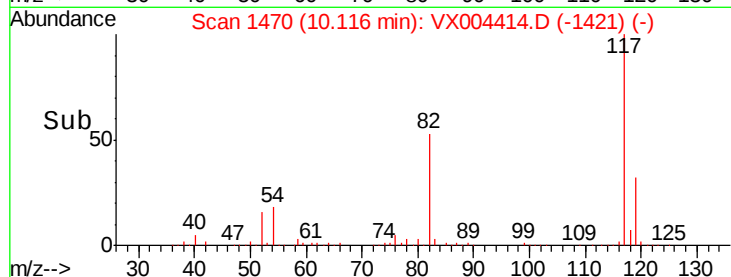
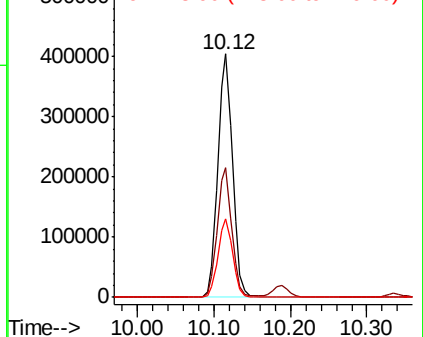
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tot Ion:117 Resp: 537856
Ion Ratio Lower Upper
117 100
82 52.9 47.8 71.6
119 32.4 29.3 43.9

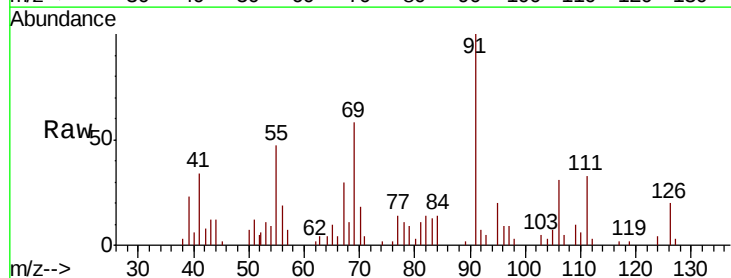


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

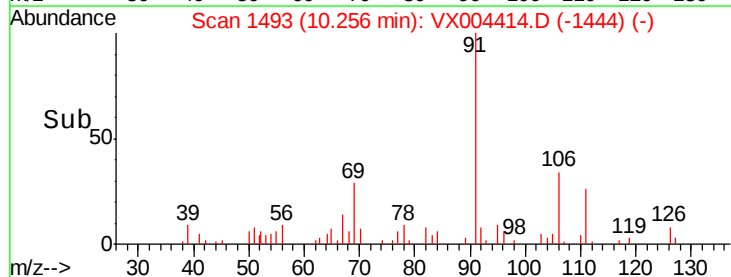
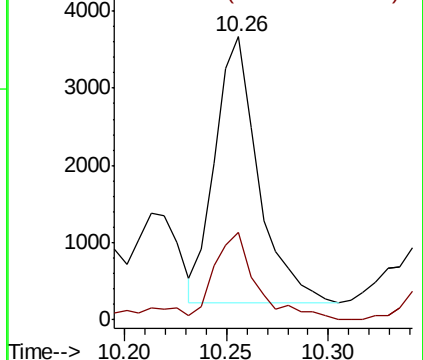


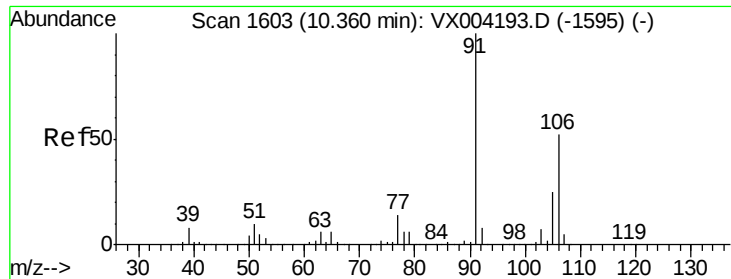
#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Tgt Ion: 91 Resp: 5095
Ion Ratio Lower Upper
91 100
106 32.8 25.9 38.9



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

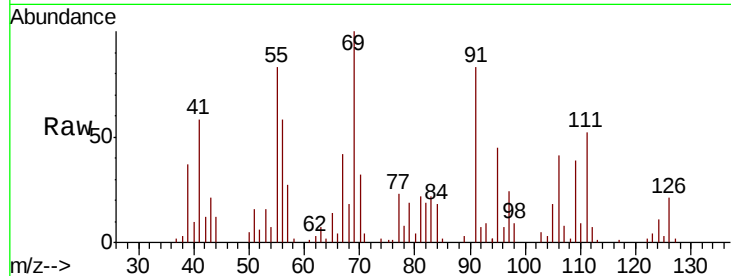




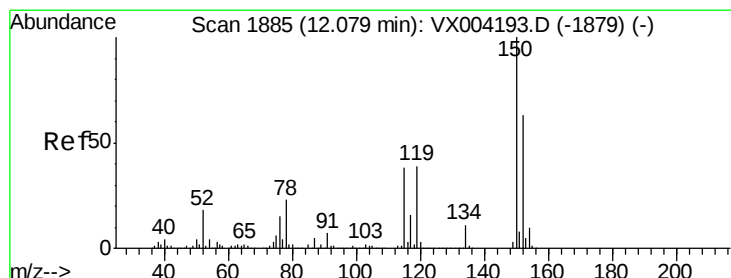
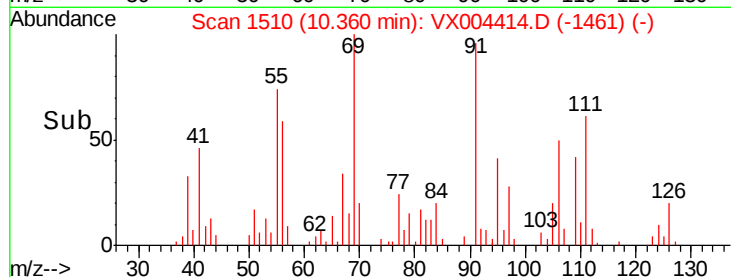
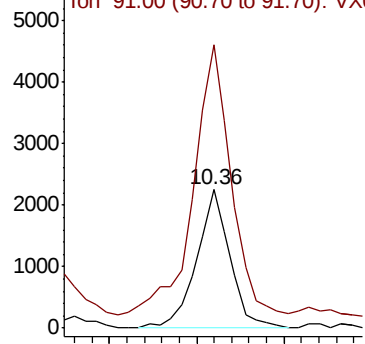
#68
m/p-Xvlenes
Concen: 0.35 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Instrument :
MSVOA_X
ClientSampled :
MW-10

Tot Ion:106 Resp: 2984
Ion Ratio Lower Upper
106 100
91 223.3 157.1 235.7

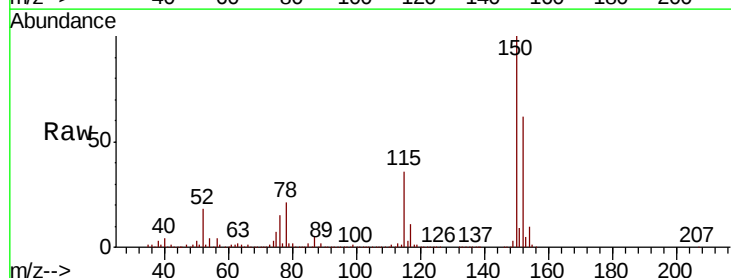


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

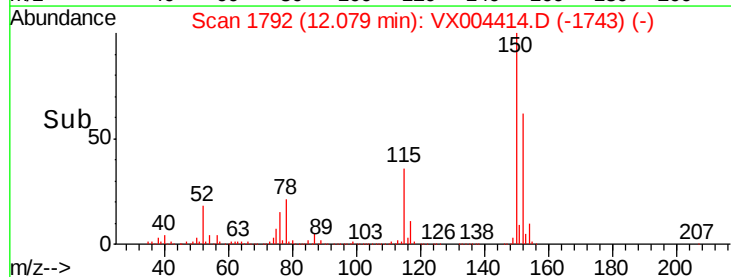
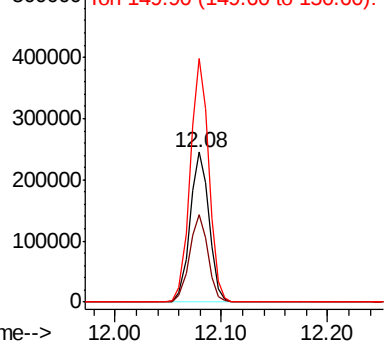


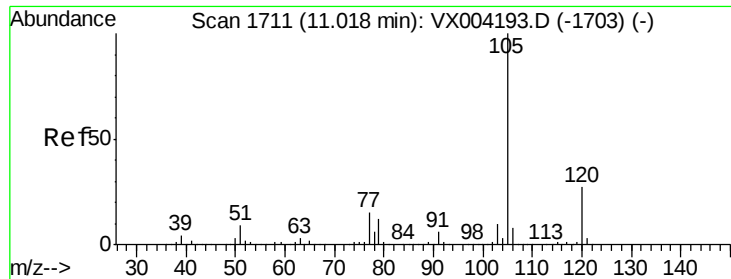
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Tgt Ion:152 Resp: 303687
Ion Ratio Lower Upper
152 100
115 56.1 39.0 117.0
150 159.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 4.20 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

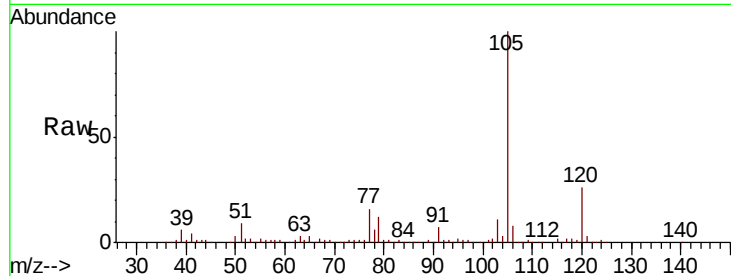
MW-10

Tot Ion:105 Resp: 83676

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

60000

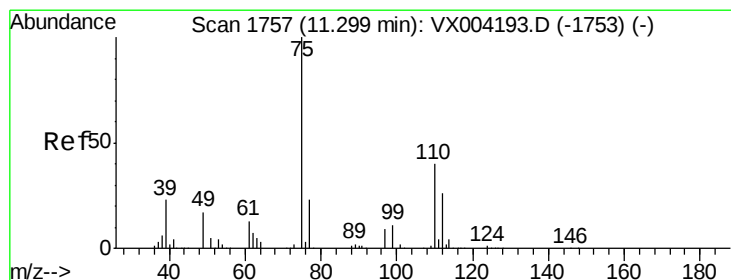
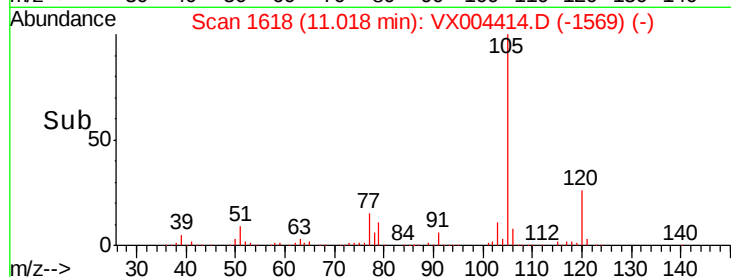
40000

20000

0

10.90 11.00 11.10

Time-->



#76

1,2,3-Trichloropropane

Concen: 22.52 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004414.D

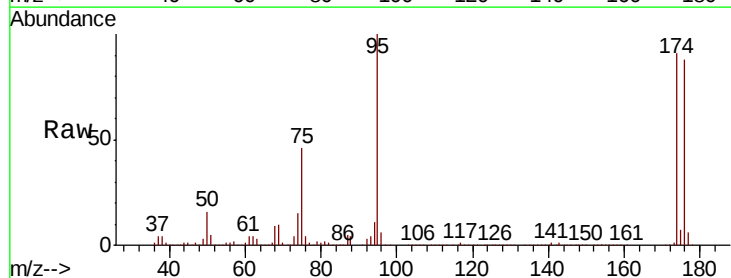
Acq: 07 Sep 2018 18:18

Tgt Ion: 75 Resp: 139080

Ion Ratio Lower Upper

75 100

77 0.9 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

120000

100000

80000

60000

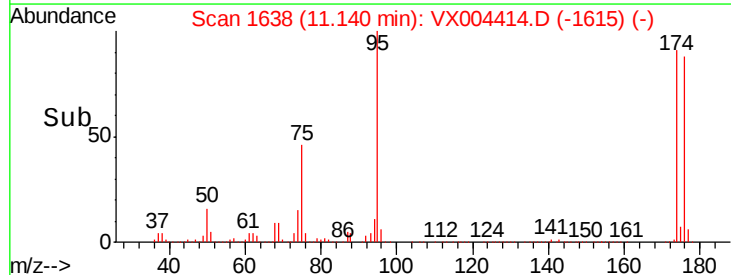
40000

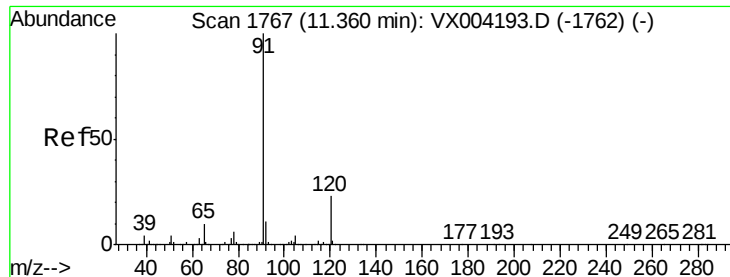
20000

0

11.10 11.20

Time-->





#78

n-propylbenzene

Concen: 5.58 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

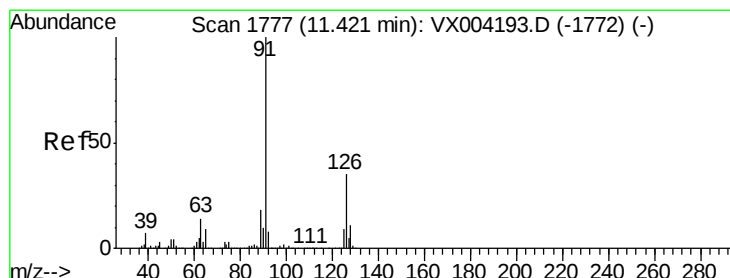
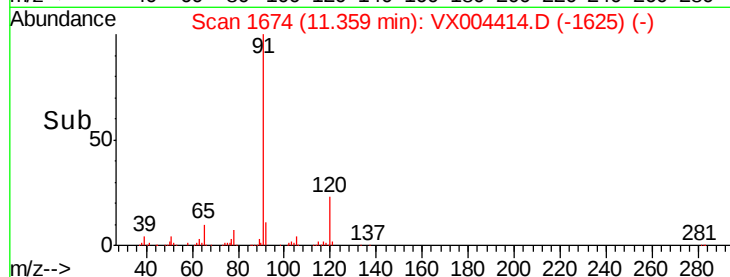
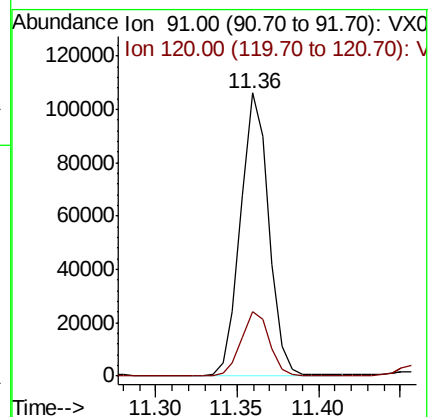
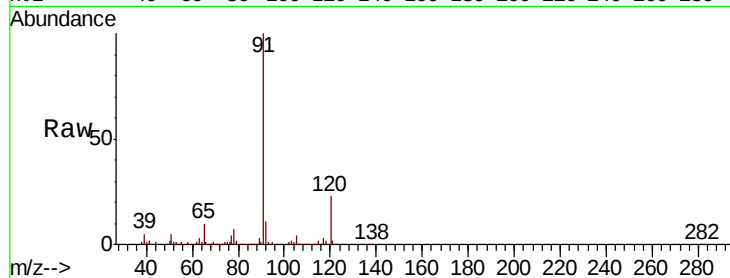
MW-10

Tot Ion: 91 Resp: 128113

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.9



#79

2-Chlorotoluene

Concen: 9.07 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004414.D

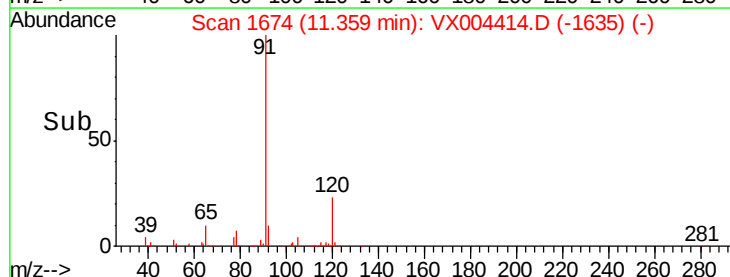
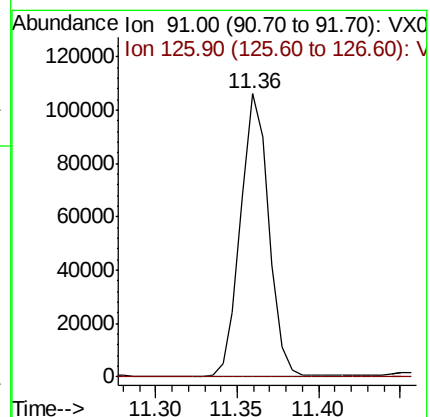
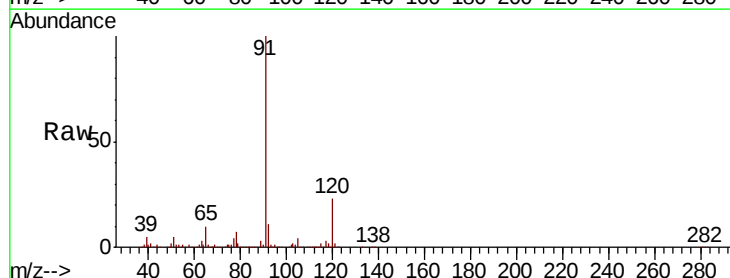
Acq: 07 Sep 2018 18:18

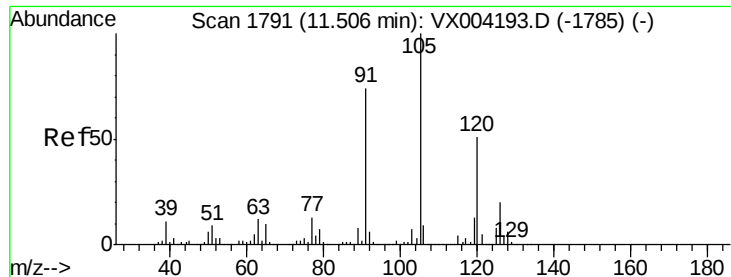
Tgt Ion: 91 Resp: 128113

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#





#80

1,3,5-Trimethylbenzene

Concen: 1.07 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. -0.05 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

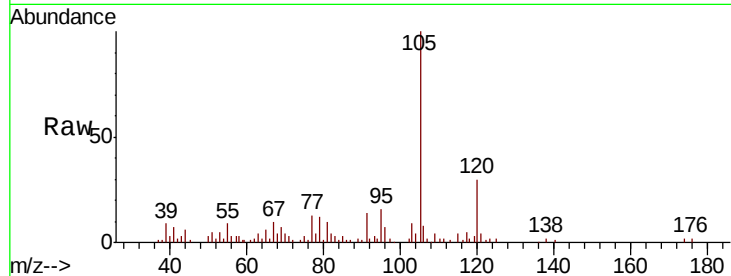
MW-10

Tot Ion:105 Resp: 17651

Ion Ratio Lower Upper

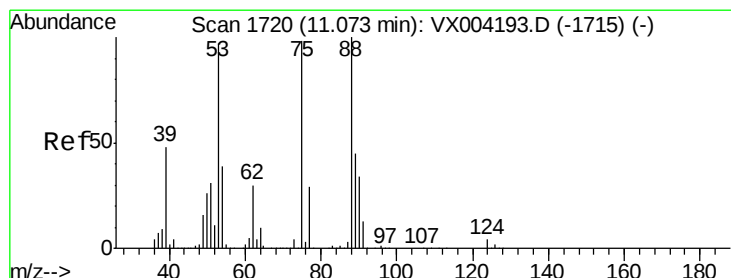
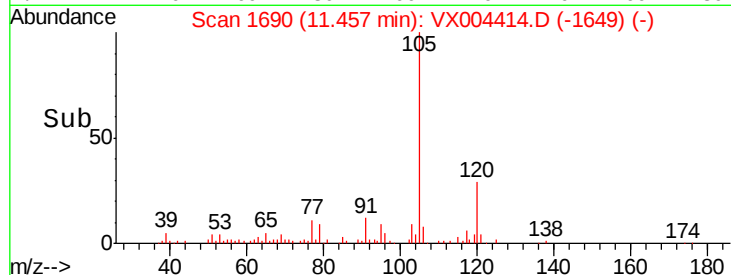
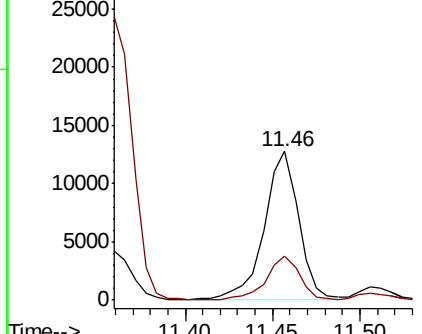
105 100

120 29.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 73.06 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

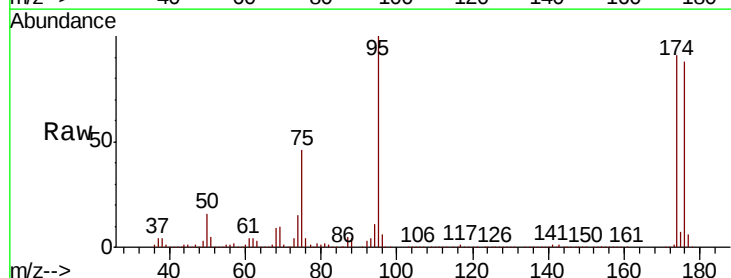
Tgt Ion: 75 Resp: 139080

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

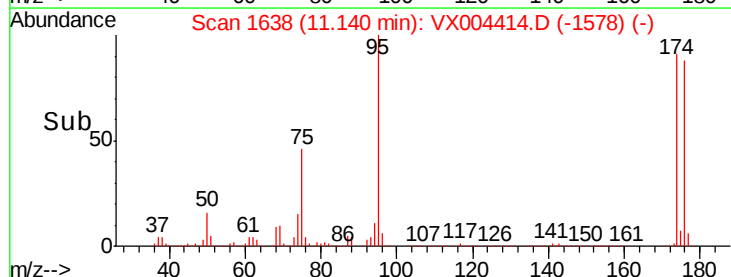
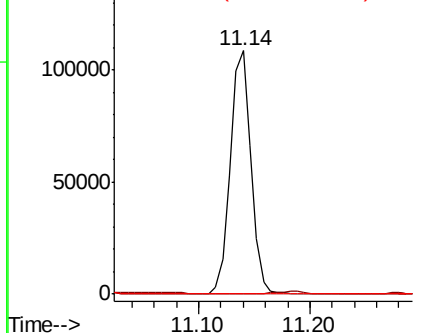
89 0.0 37.2 55.8#

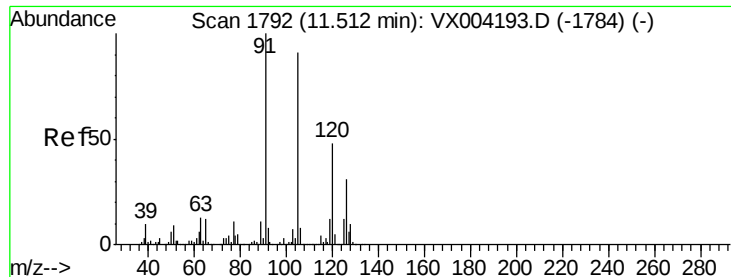


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 7.71 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

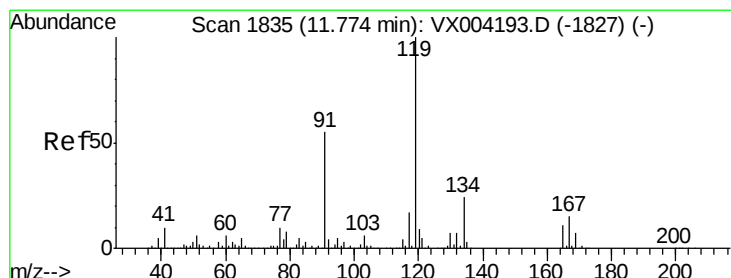
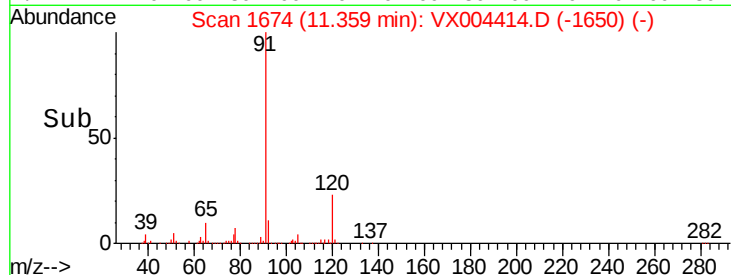
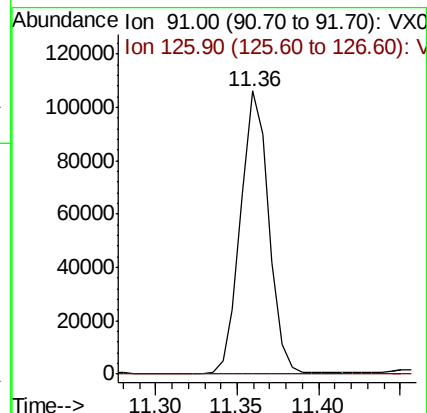
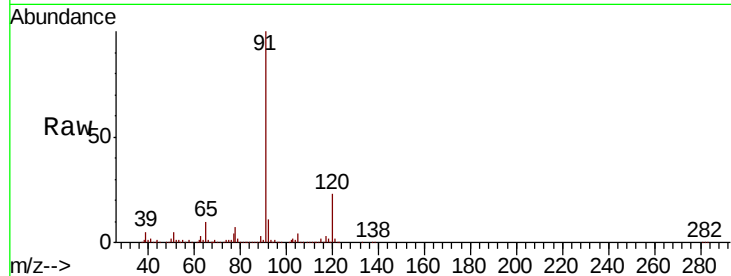
MW-10

Tot Ion: 91 Resp: 128113

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#



#83

tert-Butylbenzene

Concen: 0.33 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

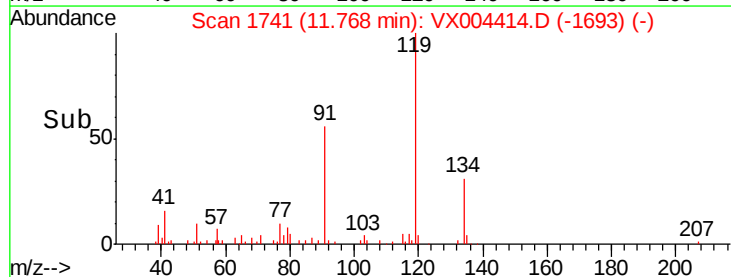
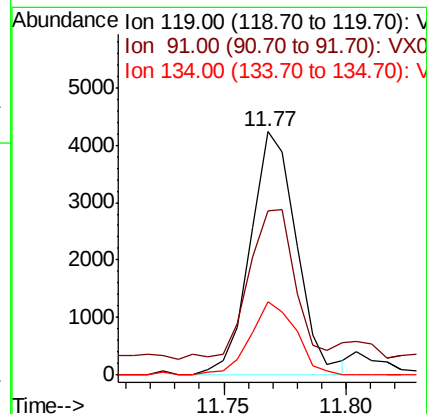
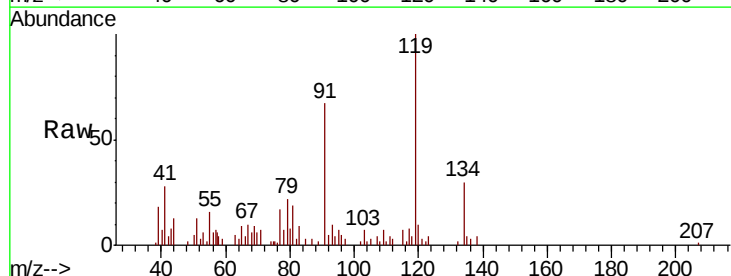
Tgt Ion: 119 Resp: 5562

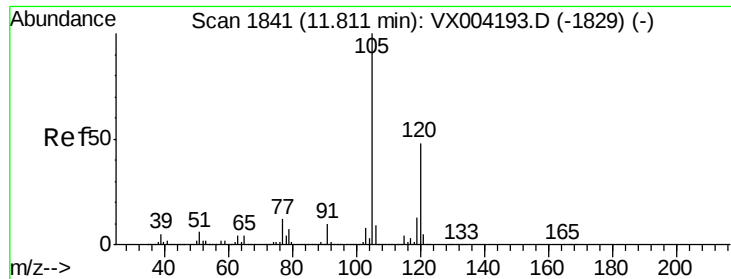
Ion Ratio Lower Upper

119 100

91 61.2 27.0 81.0

134 29.8 11.7 35.1

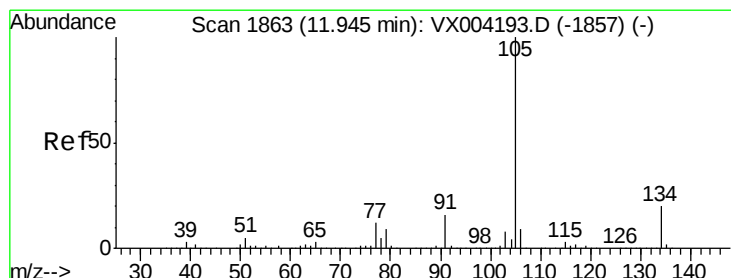
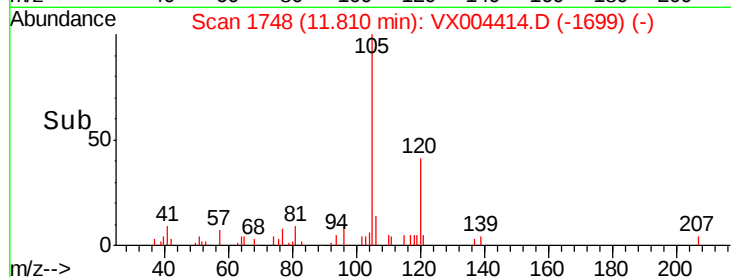
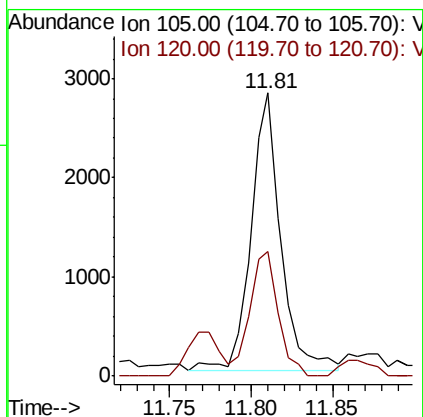
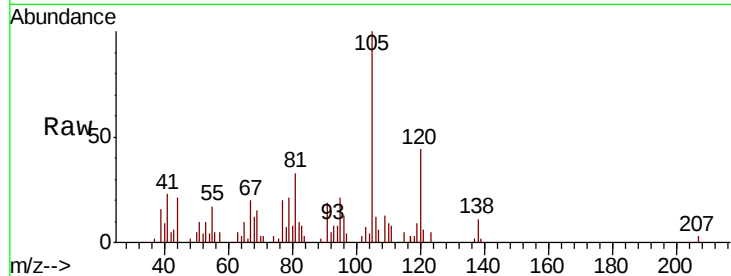




#84
 1,2,4-Trimethylbenzene
 Concen: 0.21 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

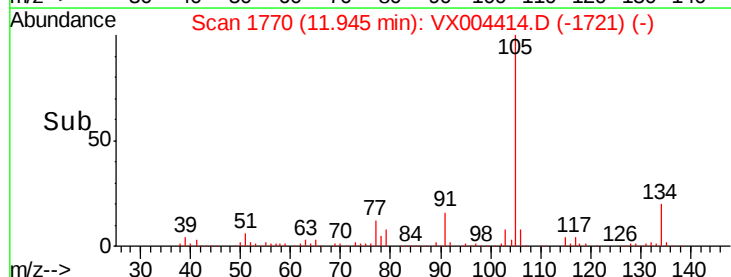
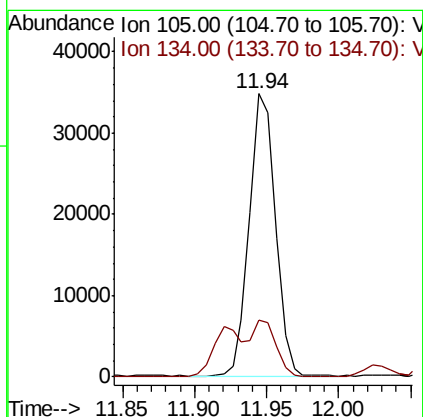
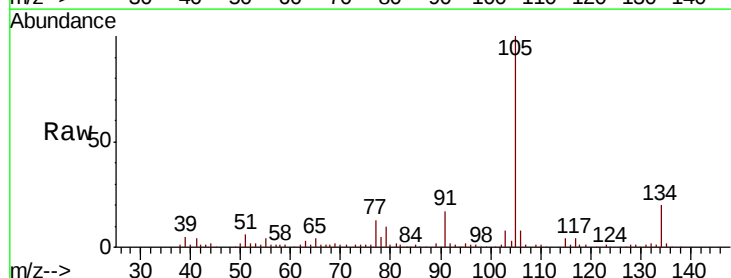
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

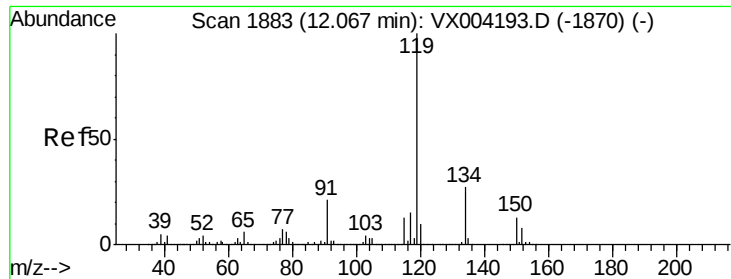
Tot Ion:105 Resp: 3545
 Ion Ratio Lower Upper
 105 100
 120 43.0 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 2.21 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

Tgt Ion:105 Resp: 43534
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.5 31.5

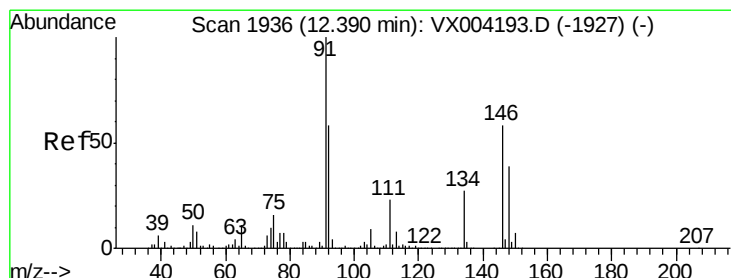
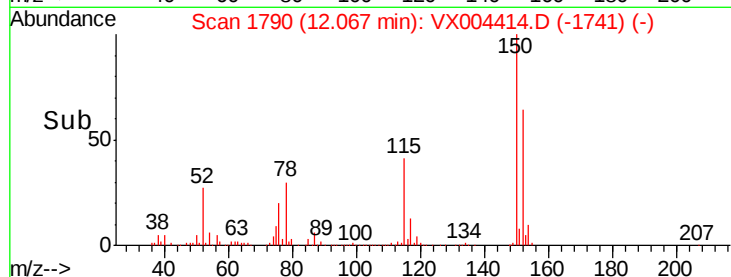
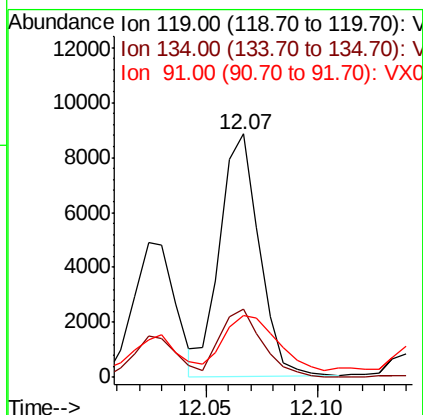
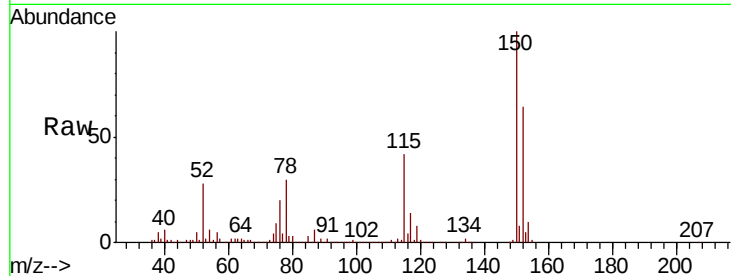




#86
 p-Isopropyltoluene
 Concen: 0.61 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

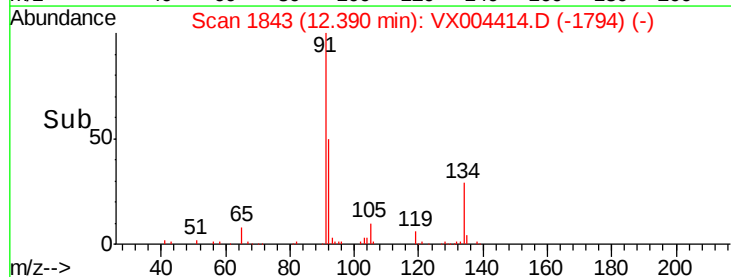
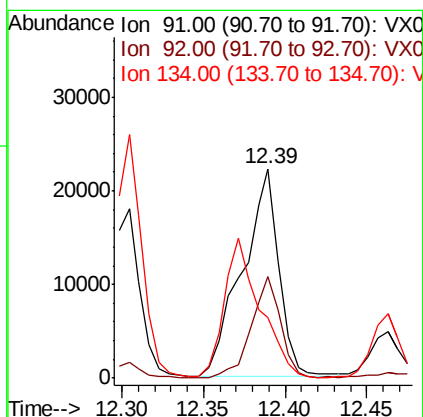
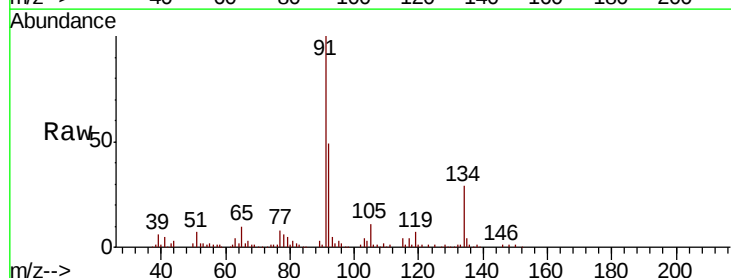
Instrument :
 MSVOA_X
 ClientSampled :
 MW-10

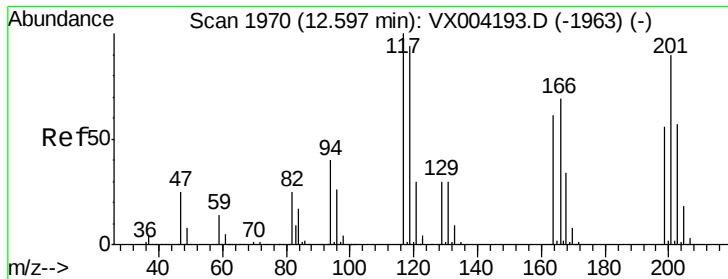
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.4	13.4	40.2
91	30.0	10.9	32.7



#89
 n-Butylbenzene
 Concen: 2.41 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	39.5	27.3	81.9
134	65.7	13.6	40.7#





#90

Hexachloroethane

Concen: 5.80 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampled :

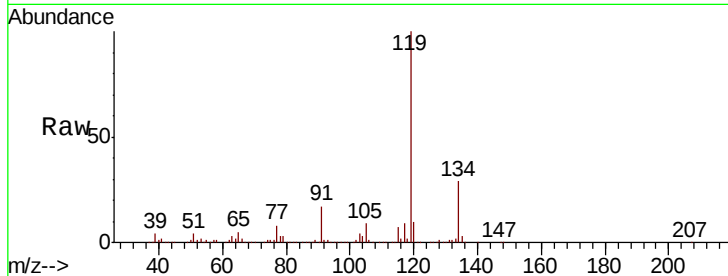
MW-10

Tot Ion:117 Resp: 14345

Ion Ratio Lower Upper

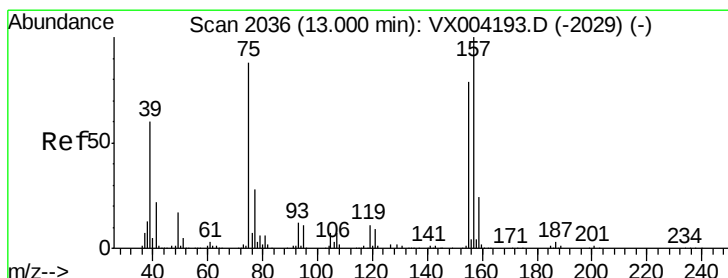
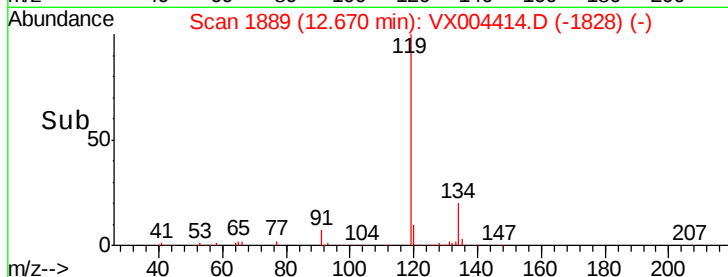
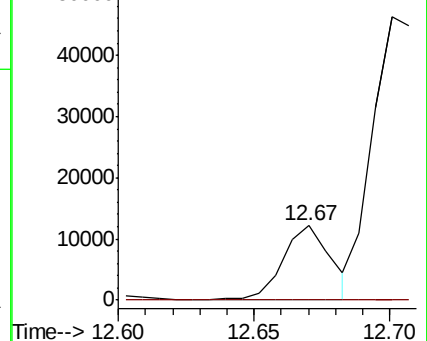
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.13 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

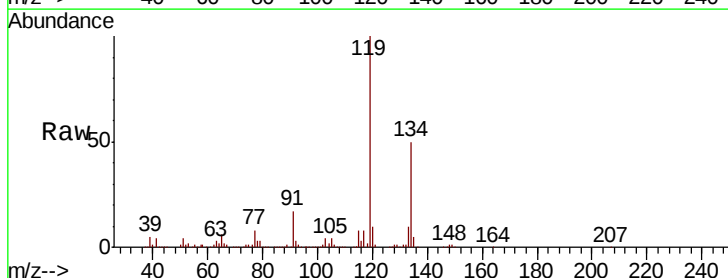
Tgt Ion: 75 Resp: 1391

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

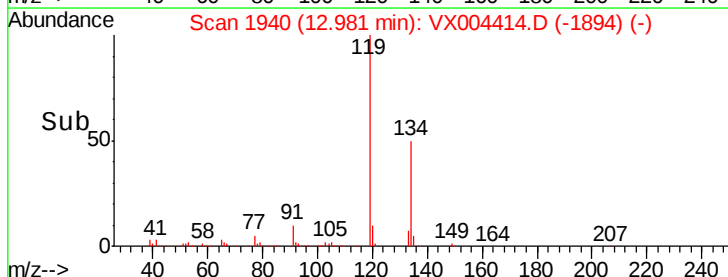
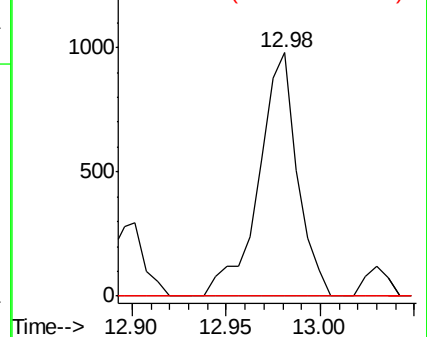
157 0.0 61.4 184.1#

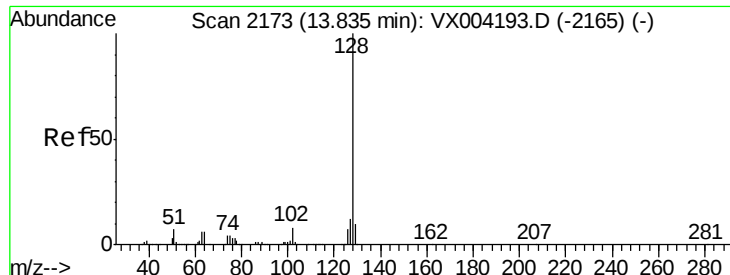


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 0.89 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-10

Tot Ion:128 Resp: 17636

Ion Ratio Lower Upper

128 100

127 18.7 10.2 15.2#

129 16.4 8.6 12.8#

