

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005391.D
 Acq On : 17 Oct 2018 15:22
 Operator : JC/MD
 Sample : J5571-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 17 16:41:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	279302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186631	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	164017	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
35) Dibromofluoromethane	5.49	113	136651	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
50) Toluene-d8	8.72	98	479507	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.14	95	166371	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	421	0.81	ug/l	86
6) Chloroethane	1.70	64	145	0.40	ug/l	# 48
10) Methyl Iodide	2.51	142	281	2.59	ug/l	# 88
11) Tert butyl alcohol	3.06	59	3457	3.95	ug/l	95
13) Acrolein	2.29	56	99	Below Cal	#	16
15) Acrylonitrile	3.20	53	620	0.31	ug/l	# 32
16) Acetone	2.45	43	7908	4.41	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	18290	2.12	ug/l	# 88
20) Methylene Chloride	2.86	84	338	Below Cal	#	66
25) 2-Butanone	4.70	43	1096	0.42	ug/l	98
31) Cyclohexane	5.58	56	2278	0.53	ug/l	93
36) 1,1-Dichloropropene	5.66	75	18049	4.62	ug/l	# 50
38) Carbon Tetrachloride	5.66	117	23716	6.05	ug/l	# 16
39) Methylcyclohexane	7.46	83	5820	1.38	ug/l	95
40) Benzene	6.14	78	6206	0.53	ug/l	99
52) Toluene	8.79	92	2232	0.35	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	4915	1.81	ug/l	# 20
56) Ethyl methacrylate	9.16	69	1498	0.38	ug/l	# 1
59) 2-Hexanone	9.52	43	1396	0.37	ug/l	94
67) Ethyl Benzene	10.25	91	6198	0.50	ug/l	91
68) m/p-Xylenes	10.36	106	1698	0.35	ug/l	99
69) o-Xylene	10.69	106	2539	0.54	ug/l	90
73) Isopropylbenzene	11.02	105	48904	4.41	ug/l	100
74) N-amyl acetate	10.91	43	1184	0.22	ug/l	# 1
76) 1,2,3-Trichloropropane	11.14	75	82528	22.80	ug/l	# 37
78) n-propylbenzene	11.36	91	124210	9.73	ug/l	98
79) 2-Chlorotoluene	11.36	91	124210	15.89	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.46	105	2505	0.26	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.14	75	82528	69.27	ug/l	# 10
82) 4-Chlorotoluene	11.36	91	124210	13.40	ug/l	# 44
83) tert-Butylbenzene	11.77	119	3486	0.36	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	3153	0.32	ug/l	93
85) sec-Butylbenzene	11.94	105	54113	4.75	ug/l	84
86) p-Isopropyltoluene	12.23	119	17500	1.70	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

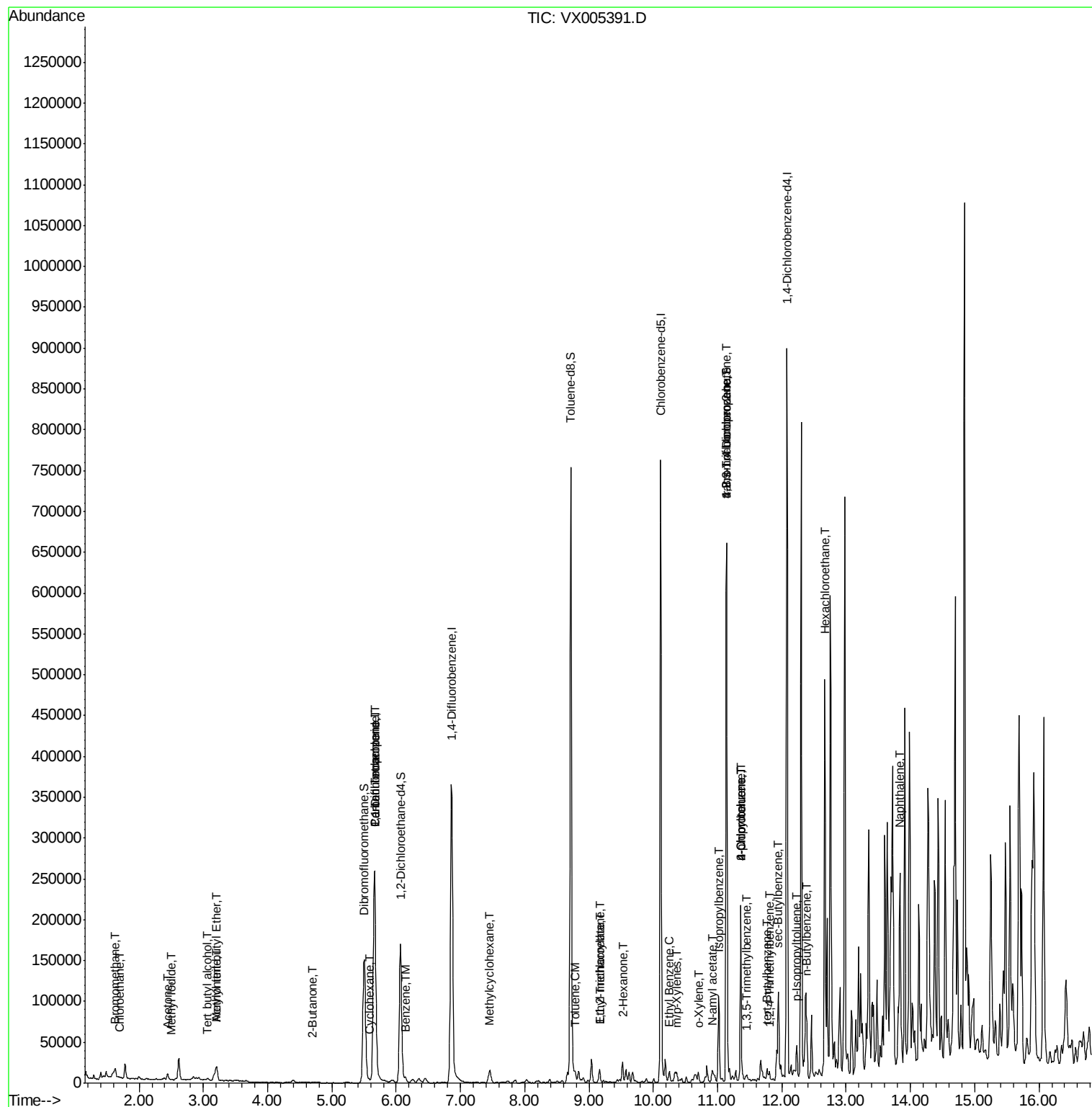
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	31369	3.36	ug/l #	71
90) Hexachloroethane	12.67	117	21099	11.90	ug/l #	3
95) Naphthalene	13.83	128	143285	11.13	ug/l #	95

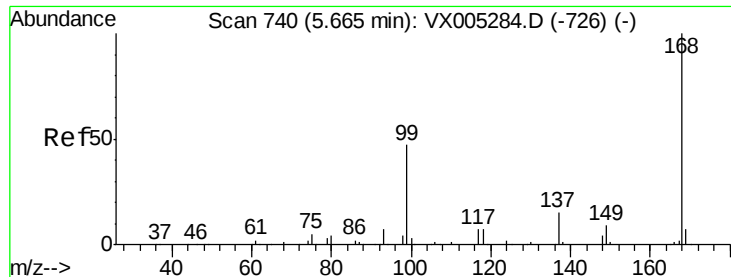
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

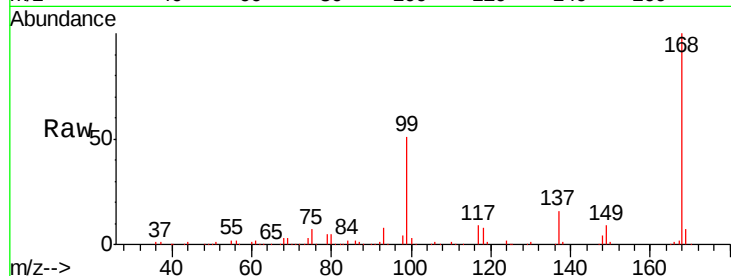
MW-1

Tgt Ion:168 Resp: 279302

Ion Ratio Lower Upper

168 100

99 50.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

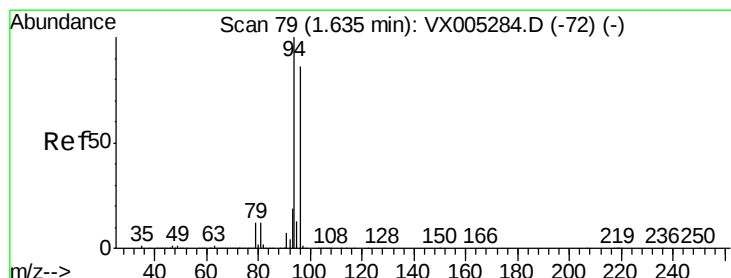
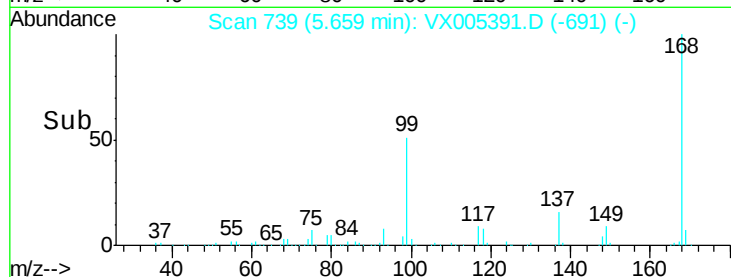
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.81 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005391.D

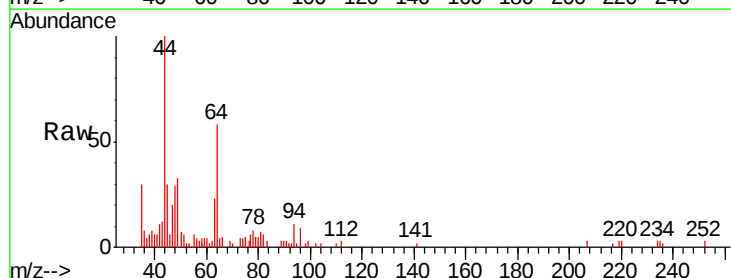
Acq: 17 Oct 2018 15:22

Tgt Ion: 94 Resp: 421

Ion Ratio Lower Upper

94 100

96 79.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

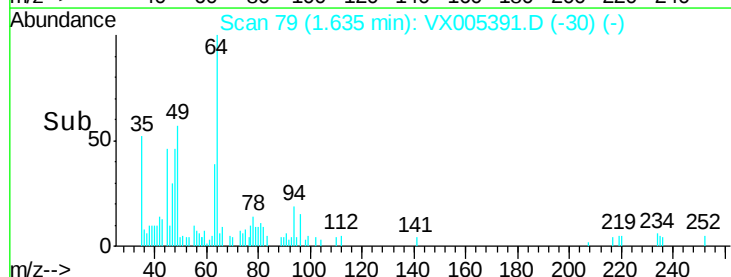
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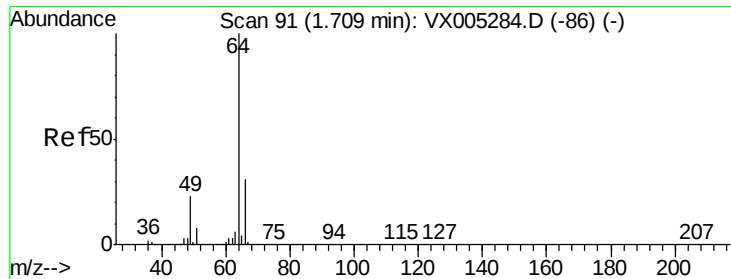
200

100

0

Time-->





#6

Chloroethane

Concen: 0.40 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

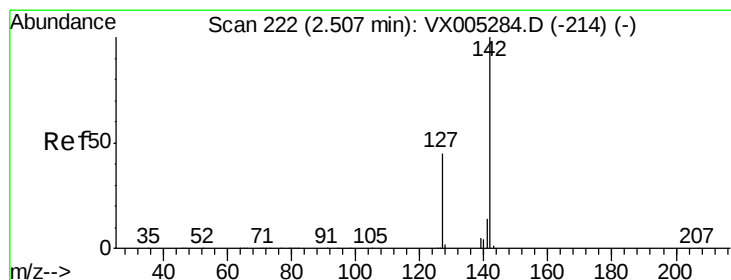
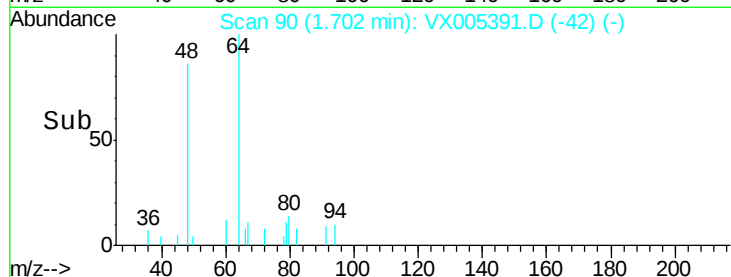
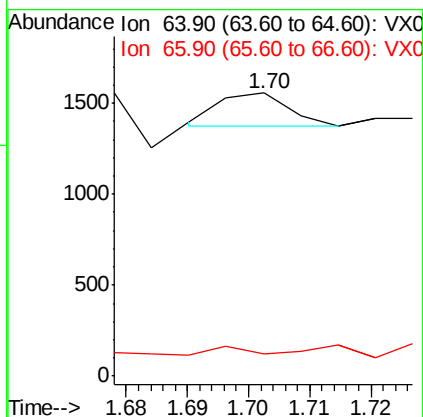
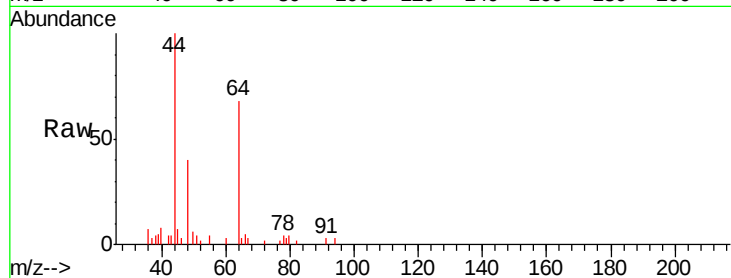
MW-1

Tgt Ion: 64 Resp: 145

Ion Ratio Lower Upper

64 100

66 2.2 24.6 36.8#



#10

Methyl Iodide

Concen: 2.59 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

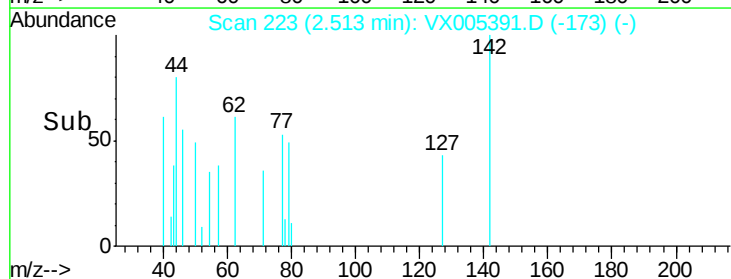
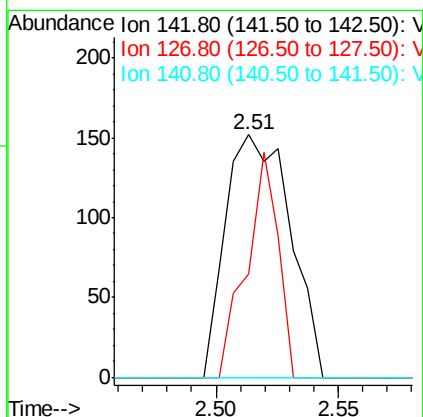
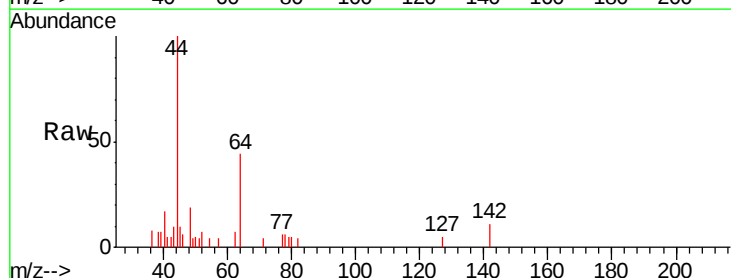
Tgt Ion: 142 Resp: 281

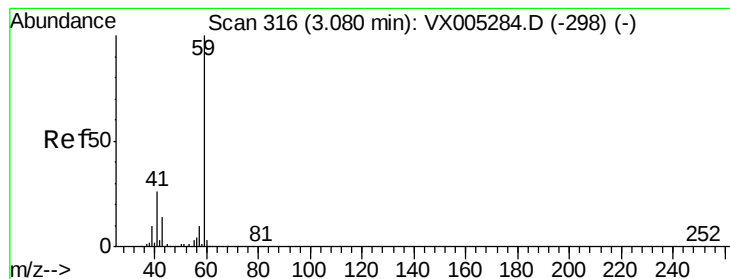
Ion Ratio Lower Upper

142 100

127 45.2 33.8 50.6

141 0.0 11.4 17.0#



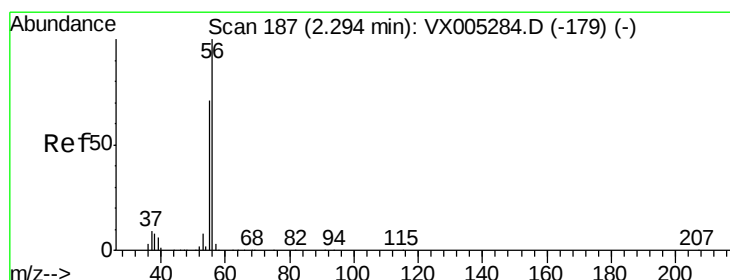
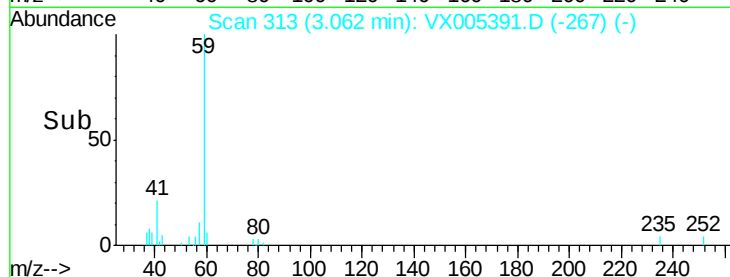
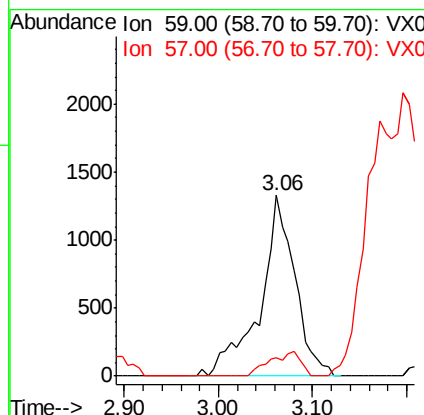
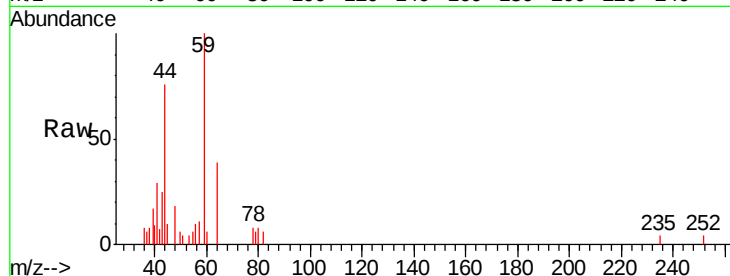


#11

Tert butyl alcohol
 Concen: 3.95 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1

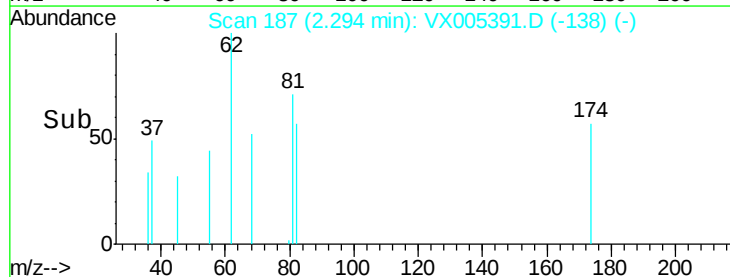
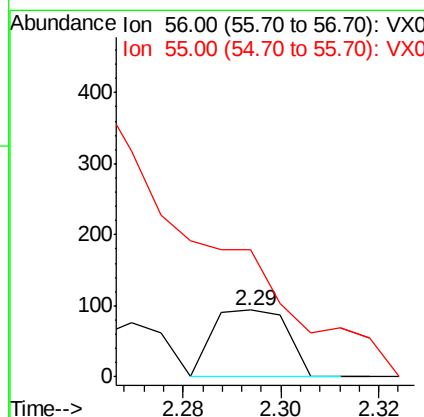
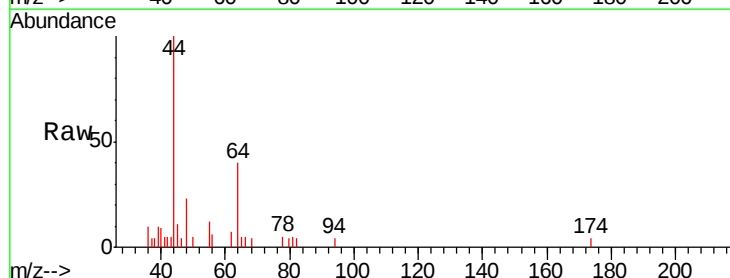
Tgt Ion: 59 Resp: 3457
 Ion Ratio Lower Upper
 59 100
 57 12.0 8.2 12.4

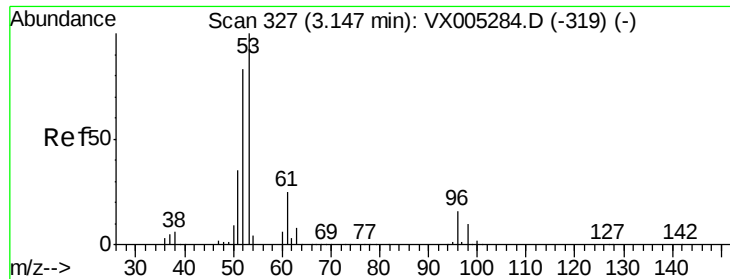


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

Tgt Ion: 56 Resp: 99
 Ion Ratio Lower Upper
 56 100
 55 0.0 54.7 82.1#

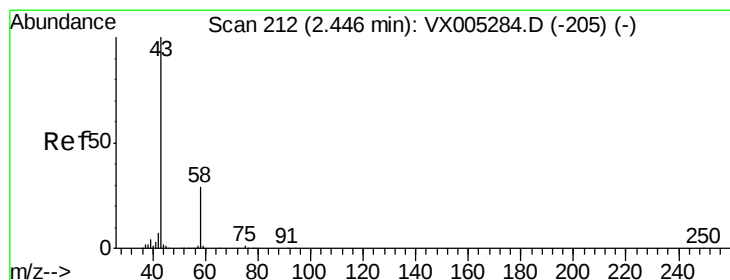
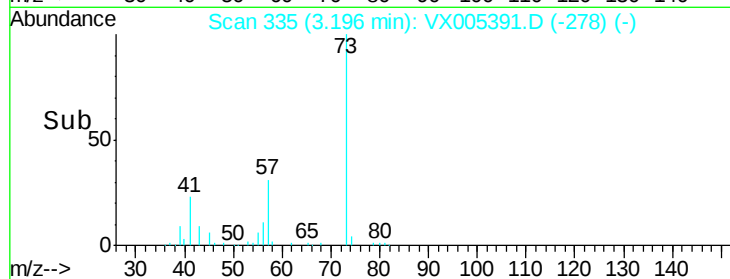
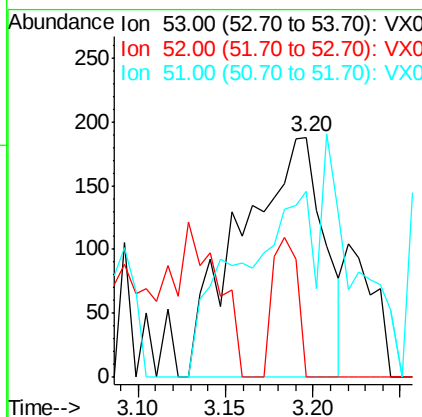
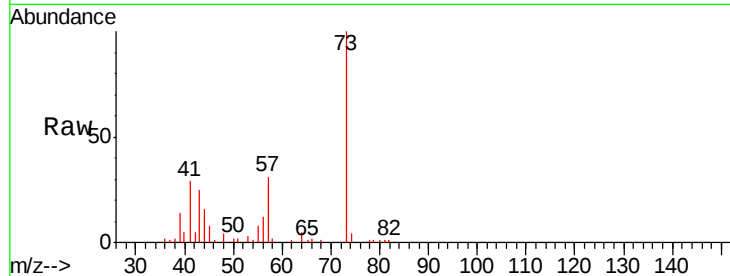




#15
 Acrylonitrile
 Concen: 0.31 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.05 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

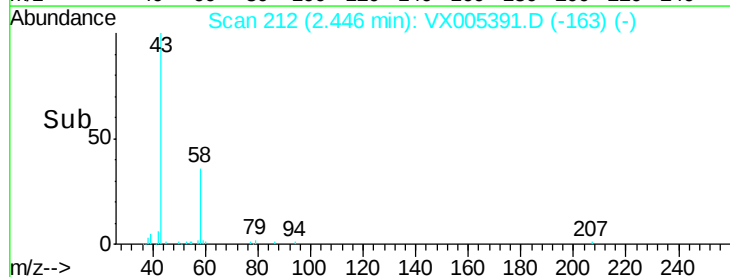
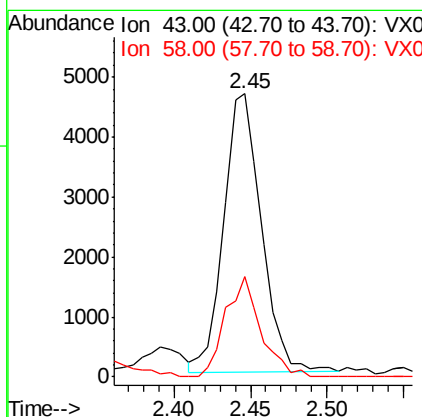
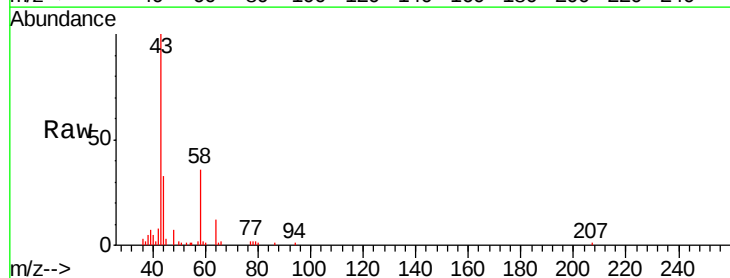
Instrument :
 MSVOA_X
 ClientSampled :
 MW-1

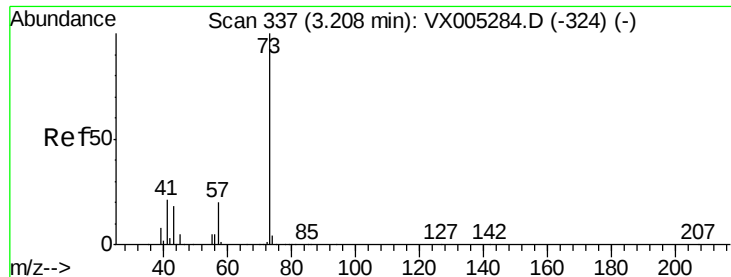
Tgt Ion: 53 Resp: 620
 Ion Ratio Lower Upper
 53 100
 52 17.4 65.2 97.8#
 51 68.9 28.2 42.2#



#16
 Acetone
 Concen: 4.41 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

Tgt Ion: 43 Resp: 7908
 Ion Ratio Lower Upper
 43 100
 58 36.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 2.12 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

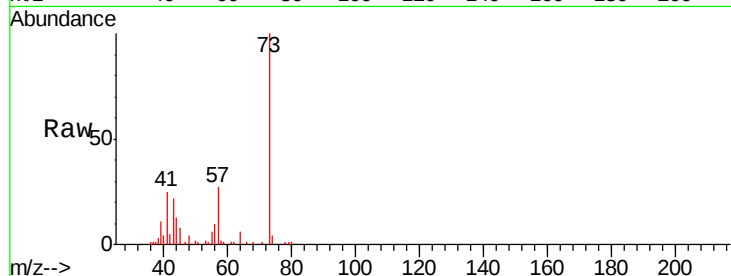
MW-1

Tgt Ion: 73 Resp: 18290

Ion Ratio Lower Upper

73 100

57 27.0 17.1 25.7#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

8000

6000

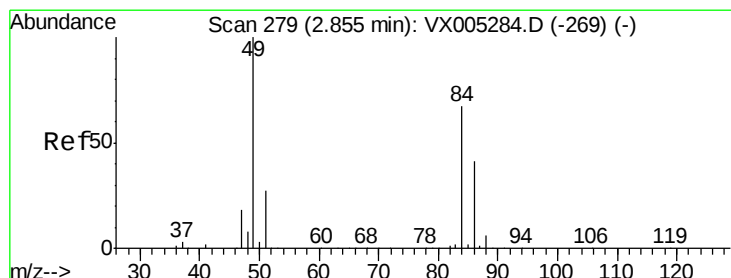
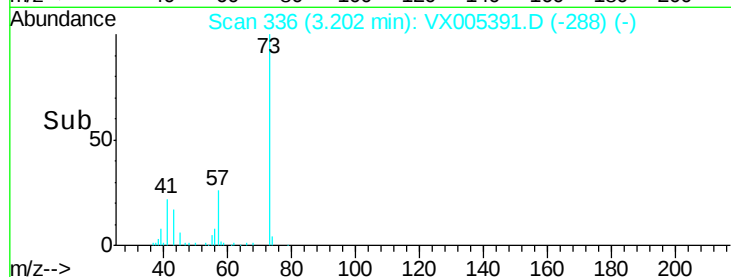
4000

2000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Tgt Ion: 84 Resp: 338

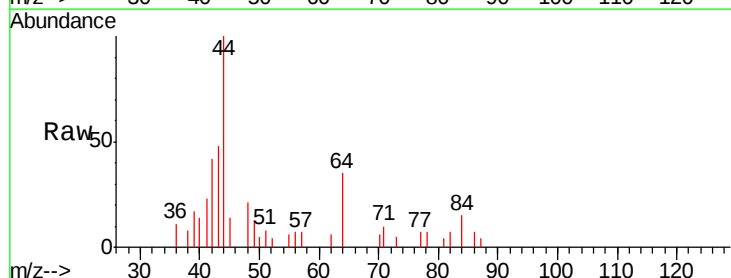
Ion Ratio Lower Upper

84 100

49 81.3 101.2 151.8#

51 22.0 29.5 44.3#

86 42.6 52.3 78.5#



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

300

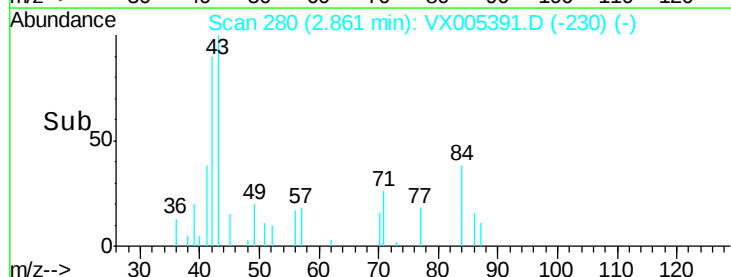
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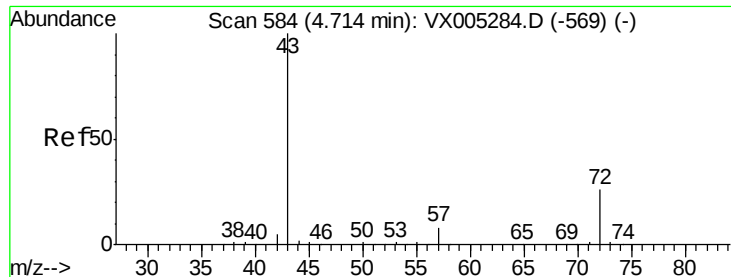
100

0

Time-->

2.80 2.85 2.90





#25

2-Butanone

Concen: 0.42 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

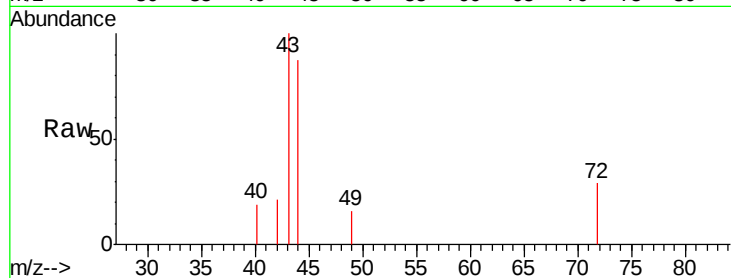
MW-1

Tgt Ion: 43 Resp: 1096

Ion Ratio Lower Upper

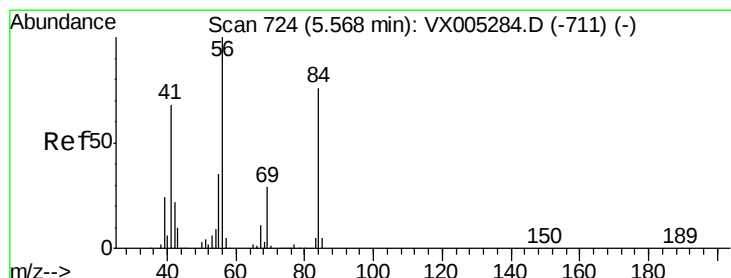
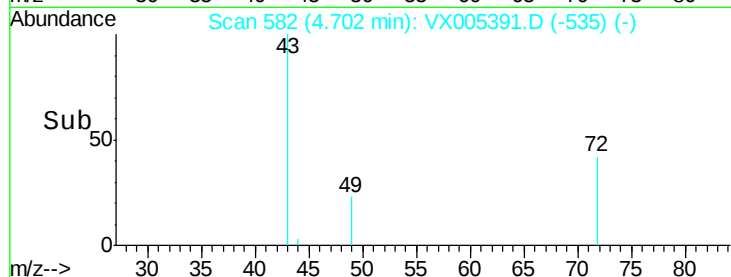
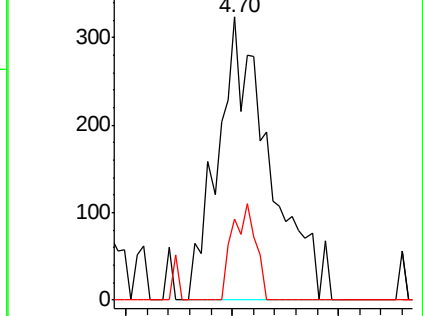
43 100

72 28.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 0.53 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

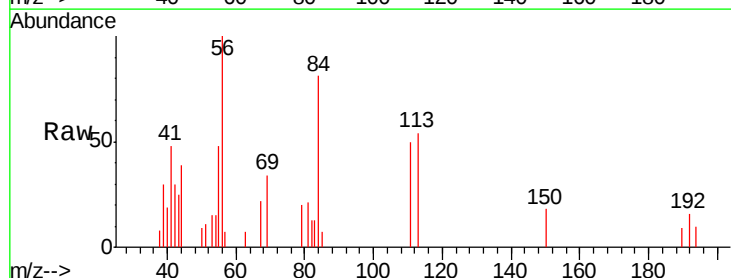
Tgt Ion: 56 Resp: 2278

Ion Ratio Lower Upper

56 100

69 34.1 25.4 38.2

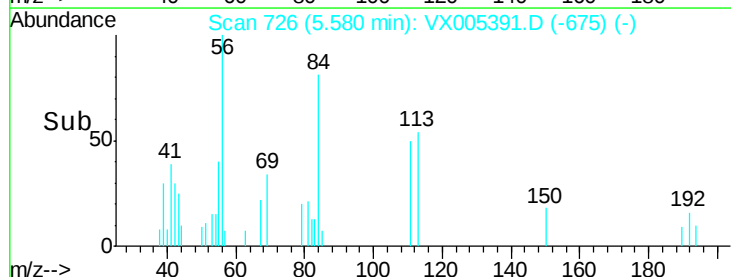
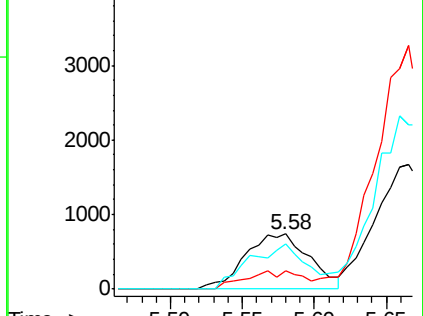
84 81.4 71.4 107.2

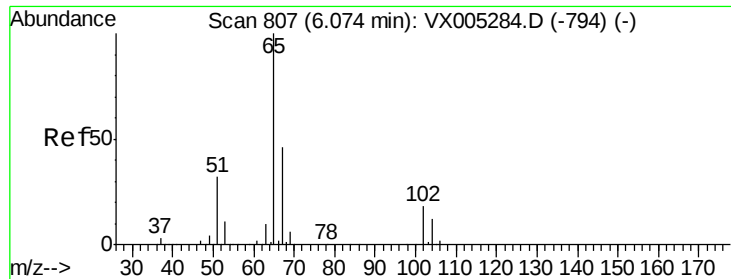


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

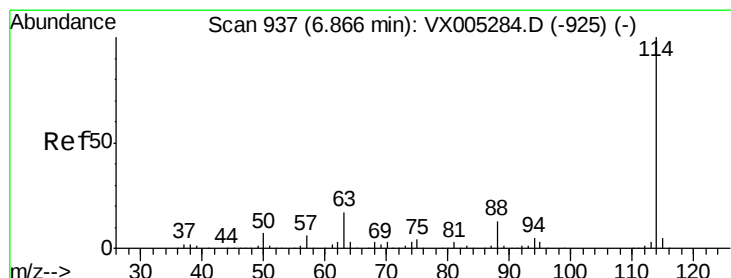
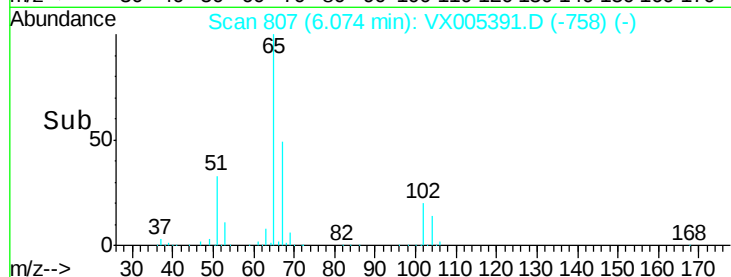
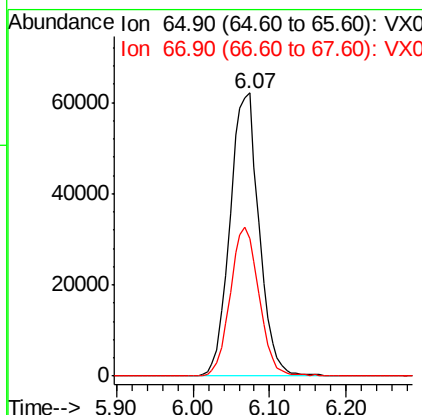
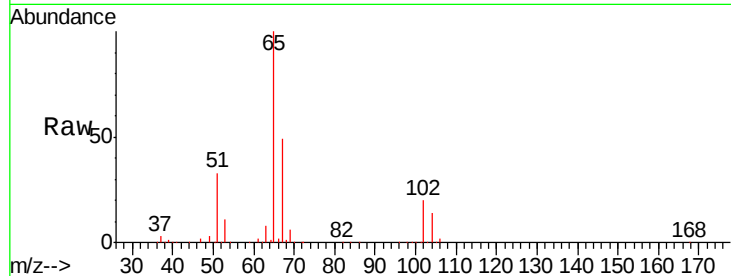




#33
 1,2-Dichloroethane-d4
 Concen: 52.91 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

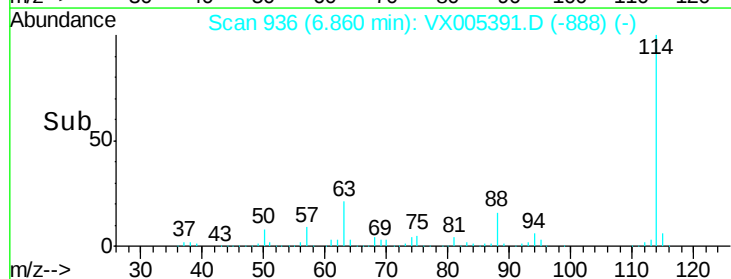
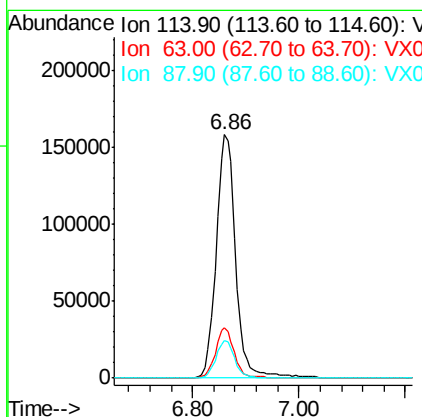
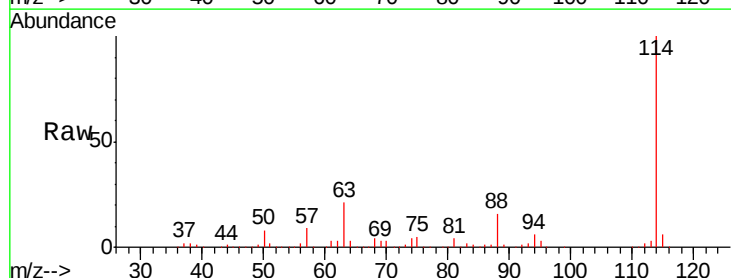
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

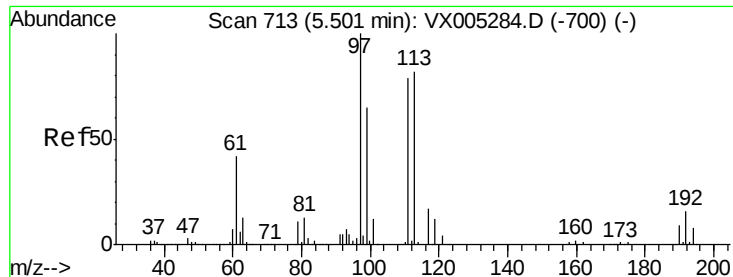
Tgt Ion: 65 Resp: 164017
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

Tgt Ion: 114 Resp: 402960
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 15.6 0.0 30.4

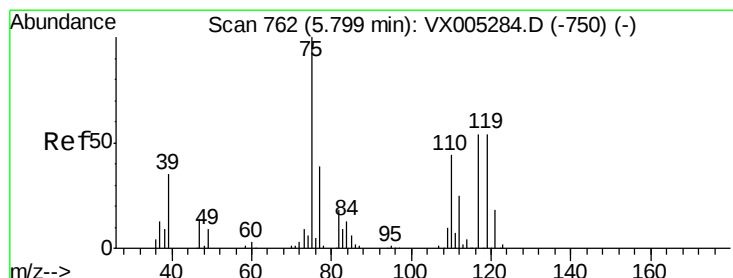
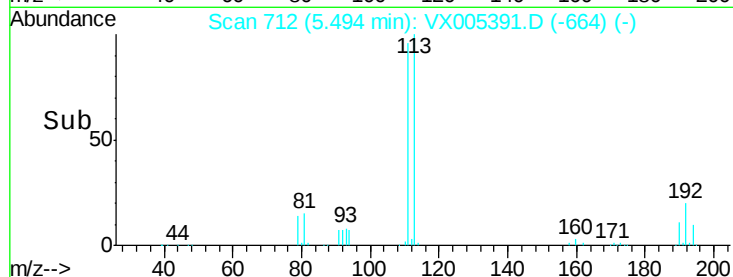
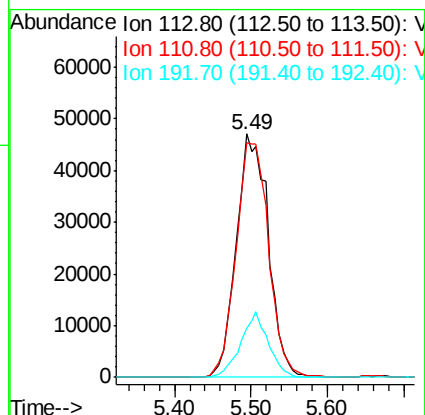
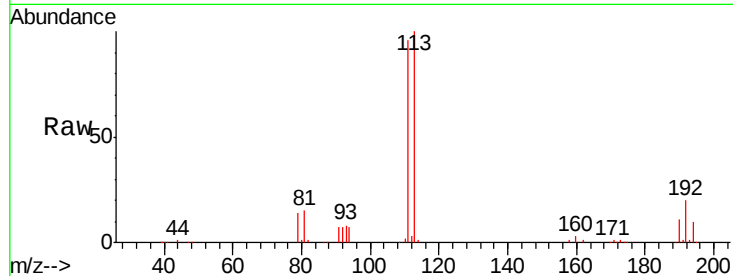




#35
Dibromofluoromethane
Concen: 51.20 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

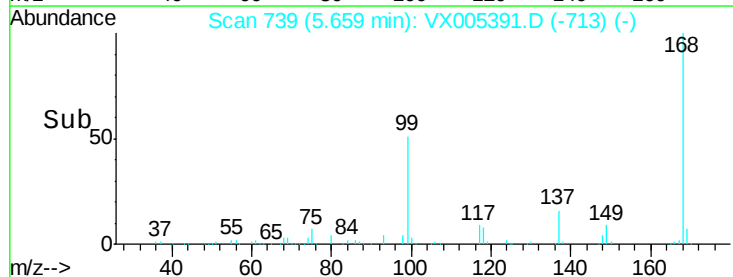
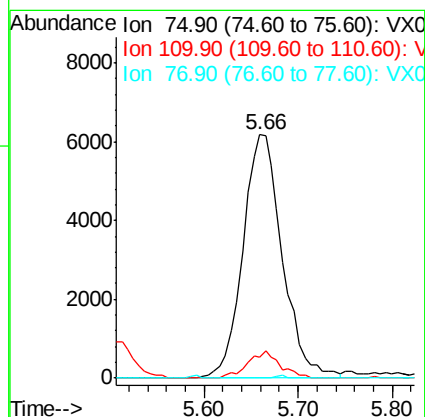
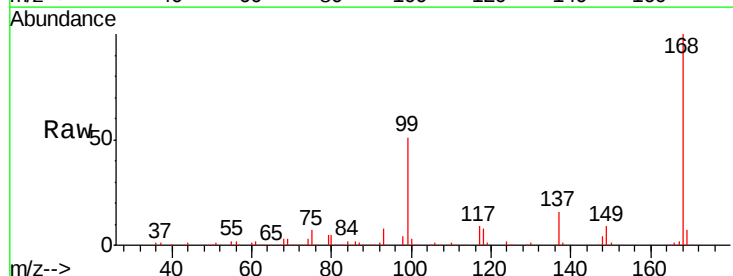
Instrument :
MSVOA_X
ClientSampleId :
MW-1

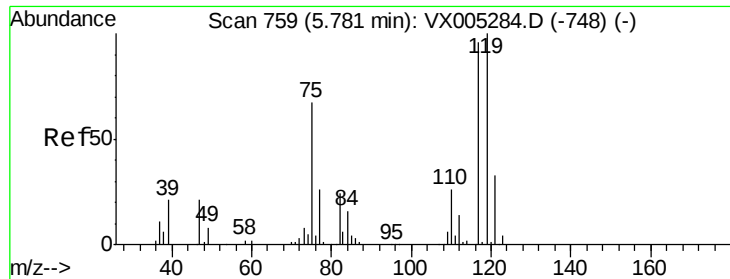
Tgt Ion: 113 Resp: 136651
Ion Ratio Lower Upper
113 100
111 98.4 82.4 123.6
192 23.3 19.4 29.2



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

Tgt Ion: 75 Resp: 18049
Ion Ratio Lower Upper
75 100
110 9.2 18.0 54.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.05 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

MW-1

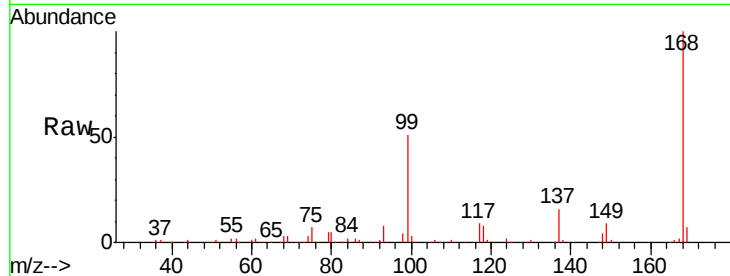
Tgt Ion:117 Resp: 23716

Ion Ratio Lower Upper

117 100

119 6.4 78.8 118.2#

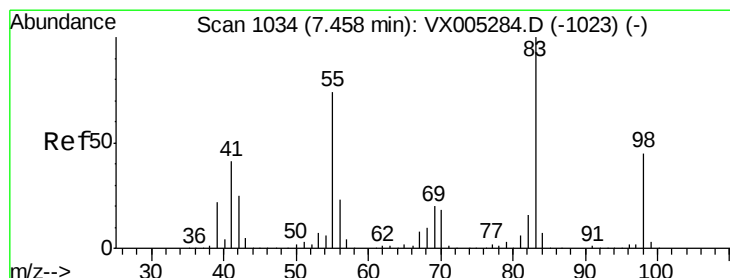
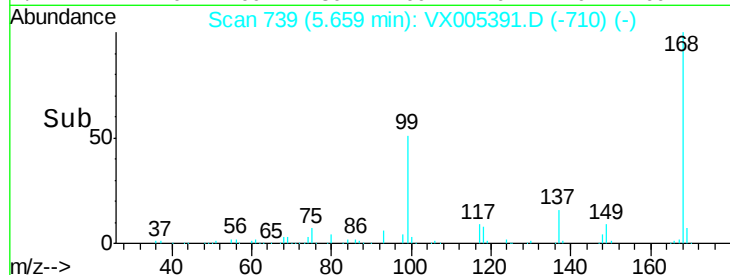
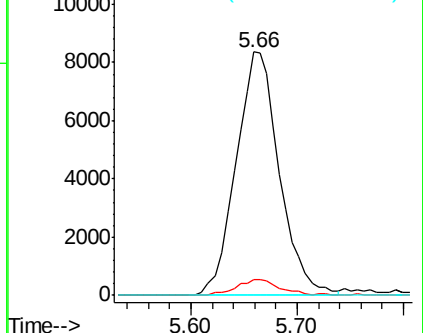
121 0.0 24.9 37.3#



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: 1.38 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

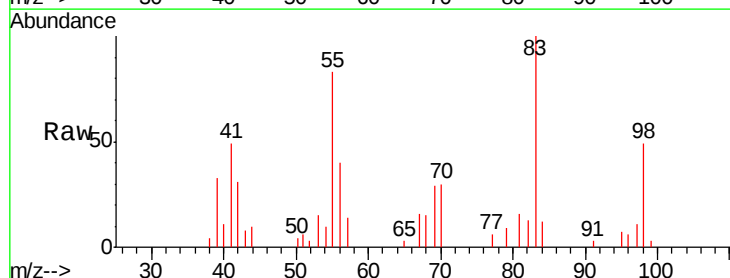
Tgt Ion: 83 Resp: 5820

Ion Ratio Lower Upper

83 100

55 82.7 61.0 91.4

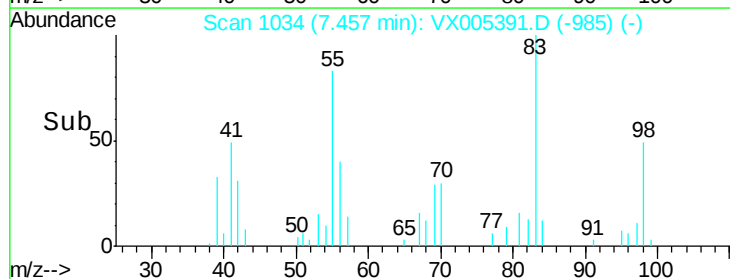
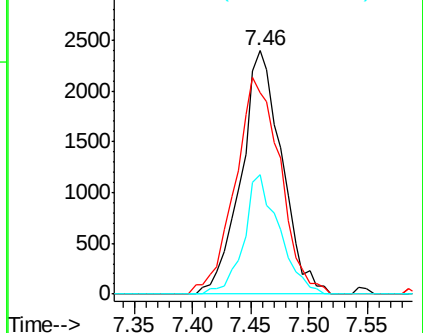
98 49.3 39.6 59.4

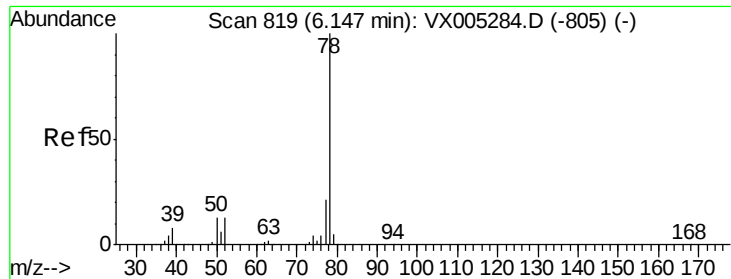


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.53 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

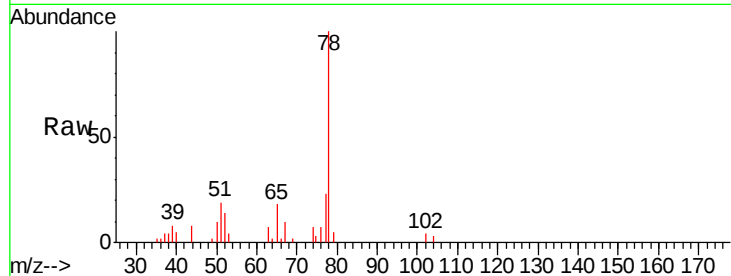
MW-1

Tgt Ion: 78 Resp: 6206

Ion Ratio Lower Upper

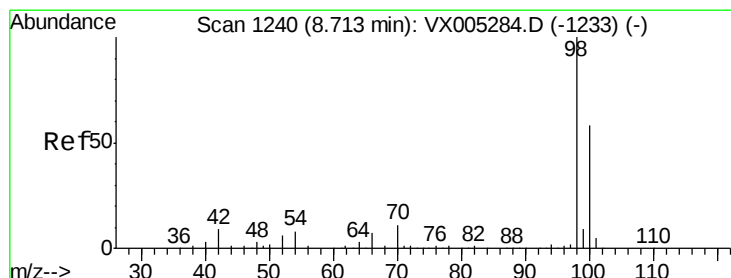
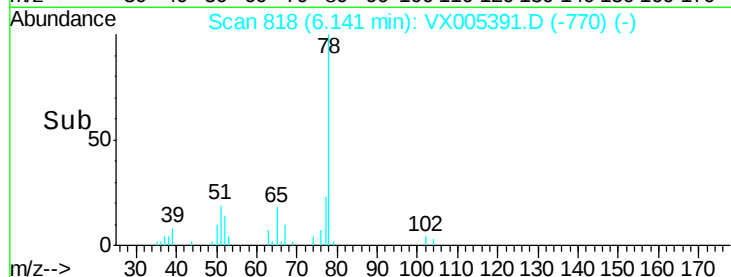
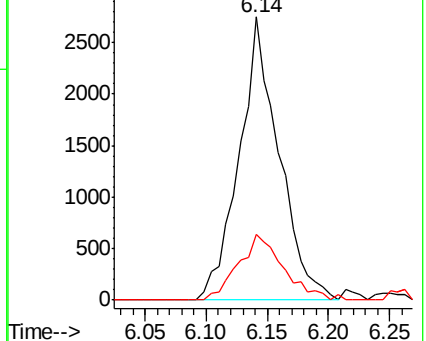
78 100

77 23.4 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 52.33 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005391.D

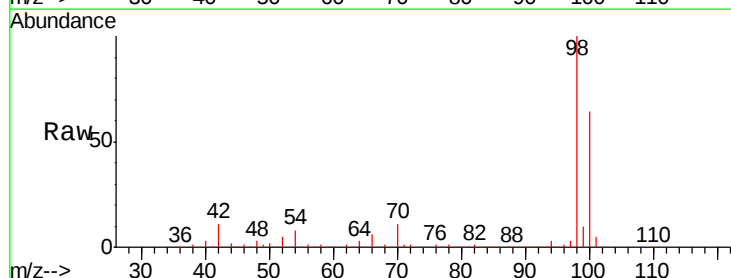
Acq: 17 Oct 2018 15:22

Tgt Ion: 98 Resp: 479507

Ion Ratio Lower Upper

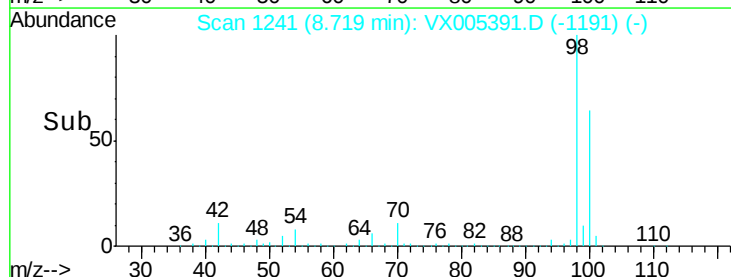
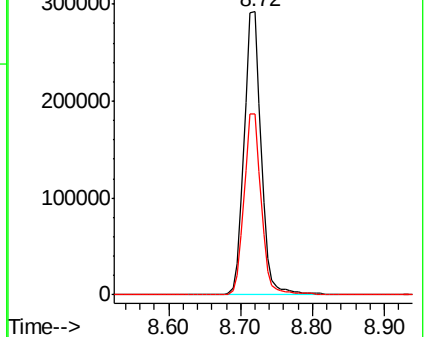
98 100

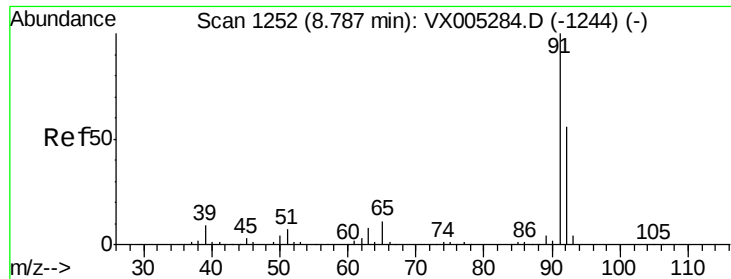
100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.35 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

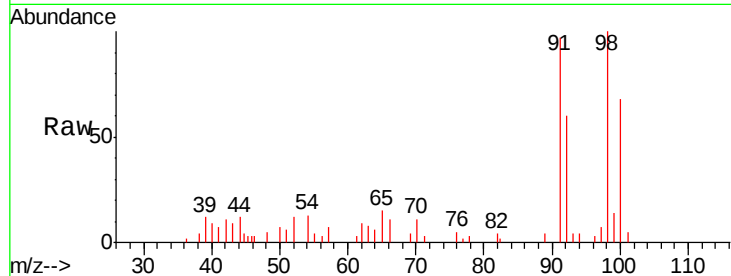
MW-1

Tgt Ion: 92 Resp: 2232

Ion Ratio Lower Upper

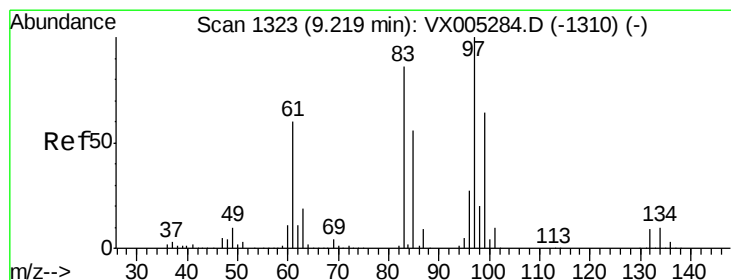
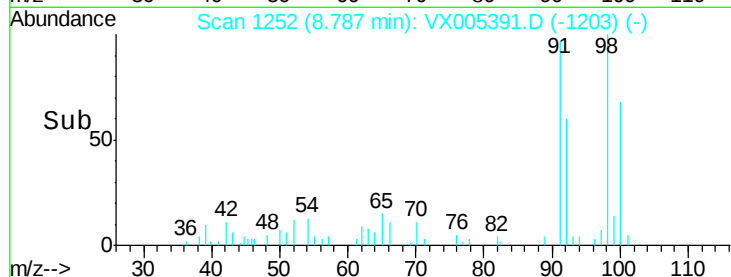
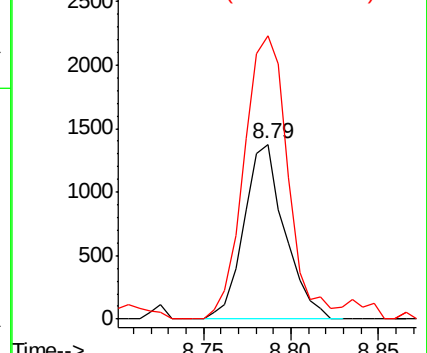
92 100

91 175.1 136.4 204.6



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: 1.81 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Tgt Ion: 97 Resp: 4915

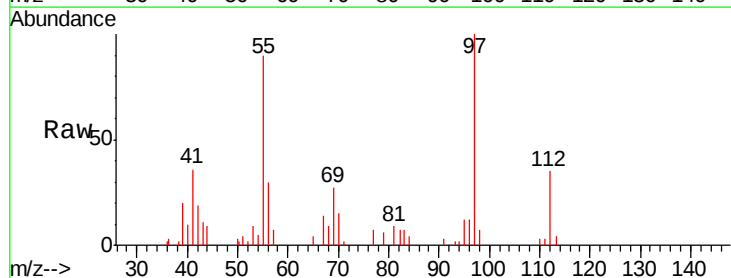
Ion Ratio Lower Upper

97 100

83 7.4 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#

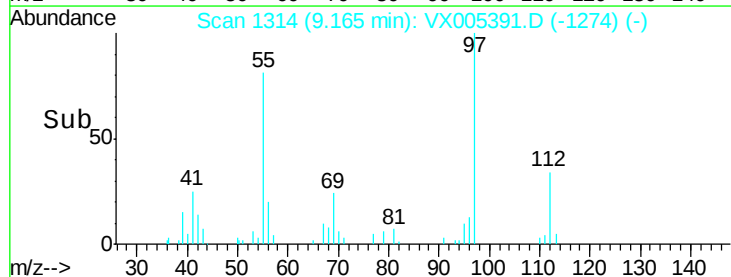
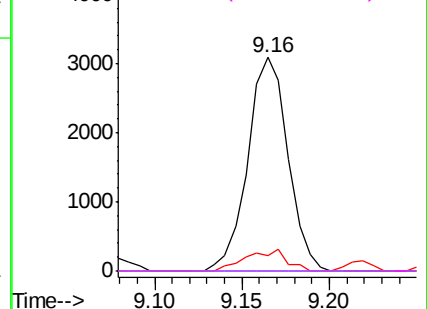


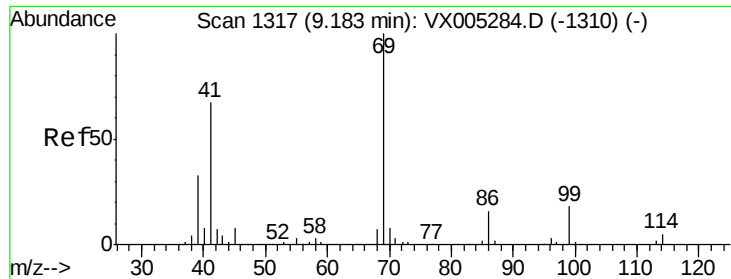
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

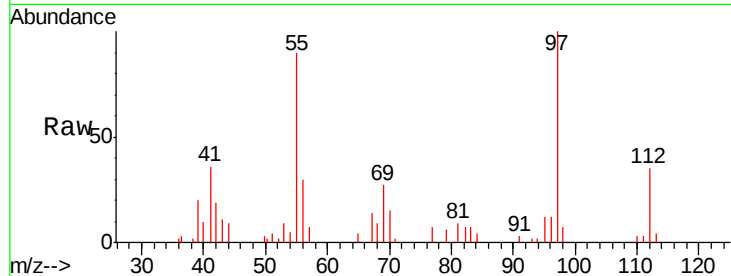




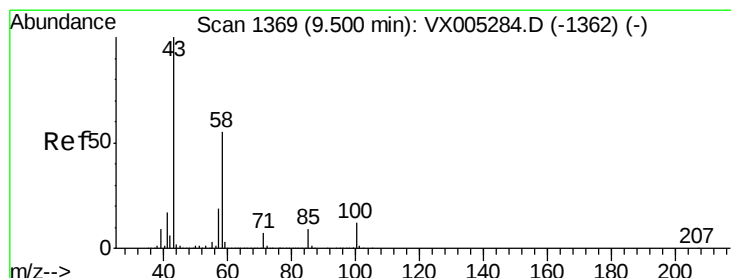
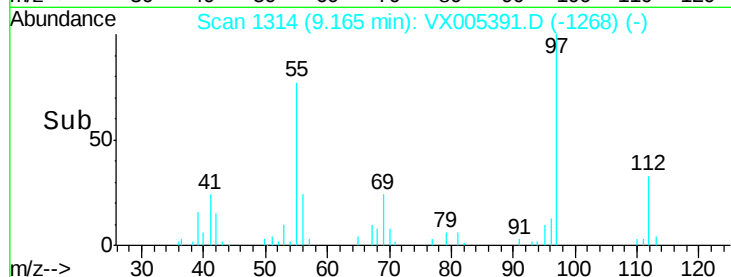
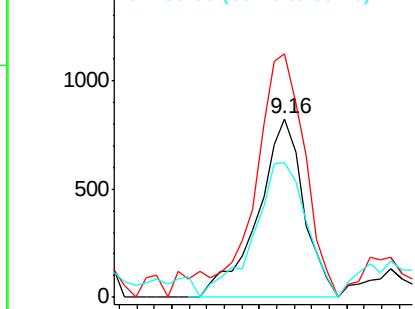
#56
Ethyl methacrylate
Concen: 0.38 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion: 69 Resp: 1498
Ion Ratio Lower Upper
69 100
41 153.9 51.0 76.4#
39 86.7 26.1 39.1#

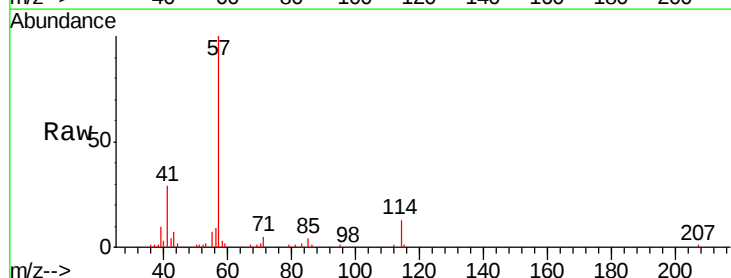


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

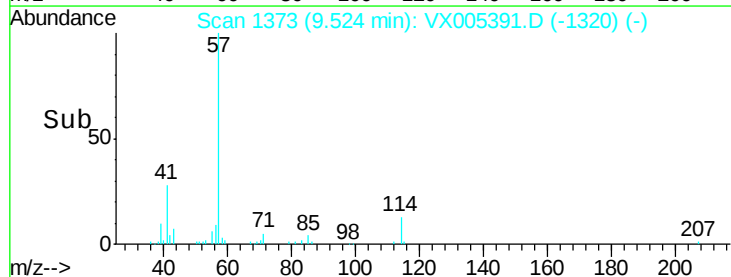
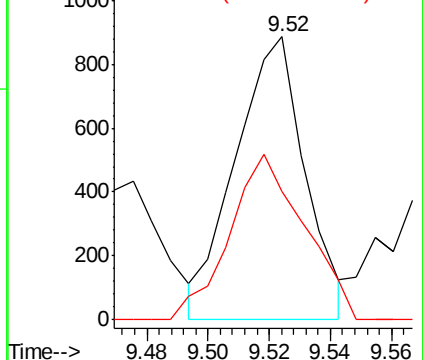


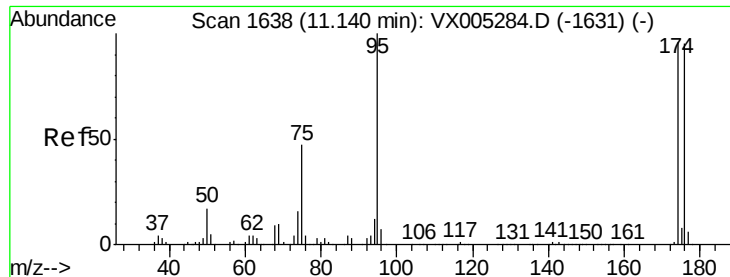
#59
2-Hexanone
Concen: 0.37 ug/l
RT: 9.52 min Scan# 1373
Delta R.T. 0.02 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
58 62.8 29.0 87.0



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





#62

4-Bromofluorobenzene

Concen: 48.34 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

MW-1

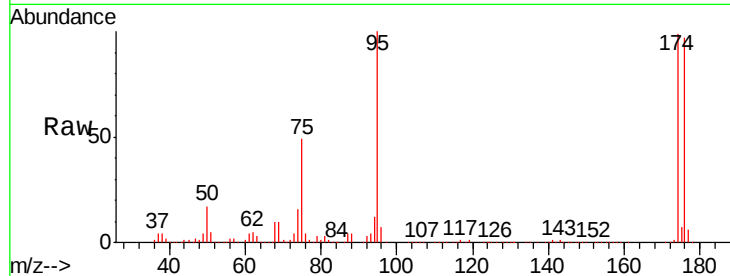
Tgt Ion: 95 Resp: 166371

Ion Ratio Lower Upper

95 100

174 95.3 0.0 185.2

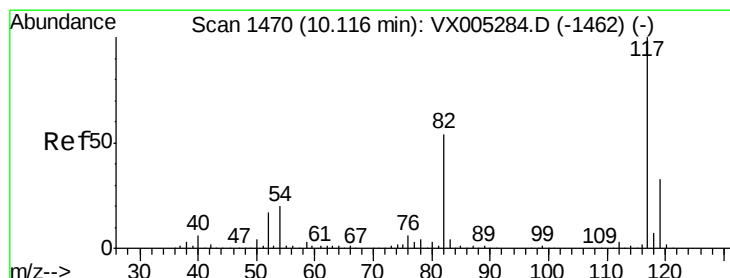
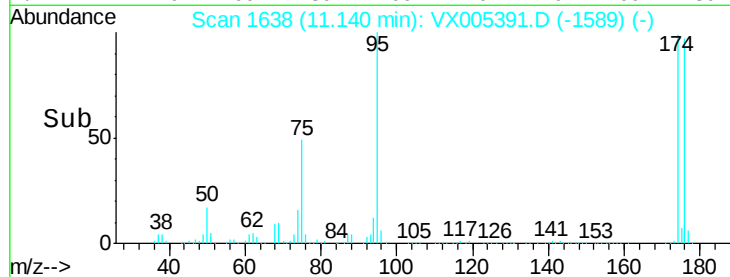
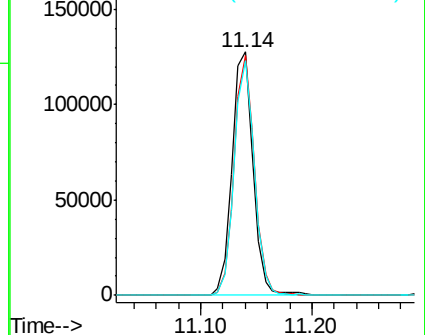
176 93.0 0.0 178.6



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: VX005391.D

Acq: 17 Oct 2018 15:22

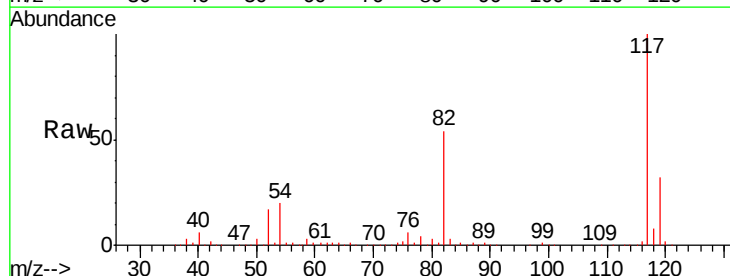
Tgt Ion: 117 Resp: 361809

Ion Ratio Lower Upper

117 100

82 53.8 47.8 71.6

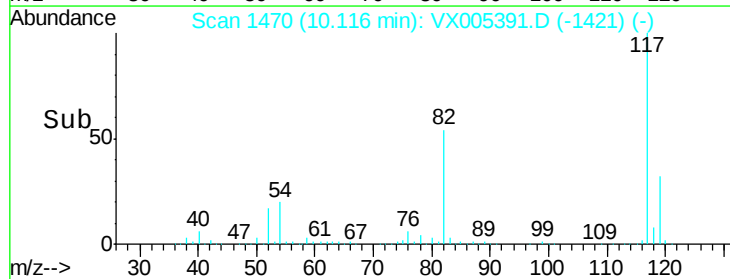
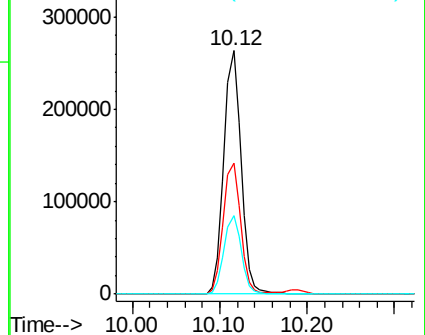
119 32.5 29.3 43.9

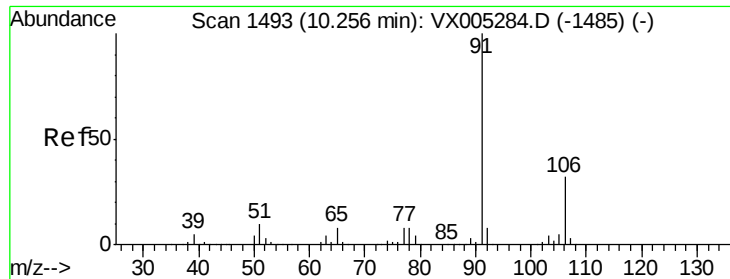


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

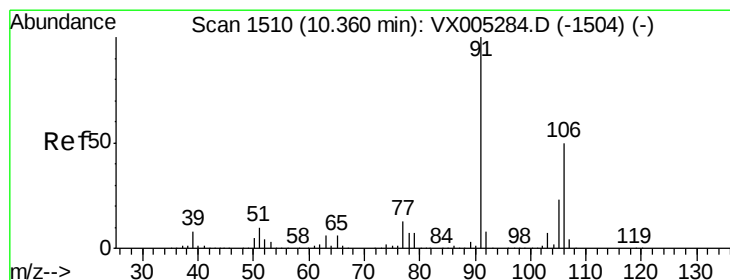
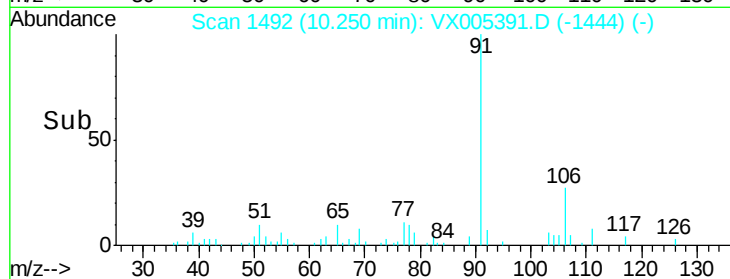
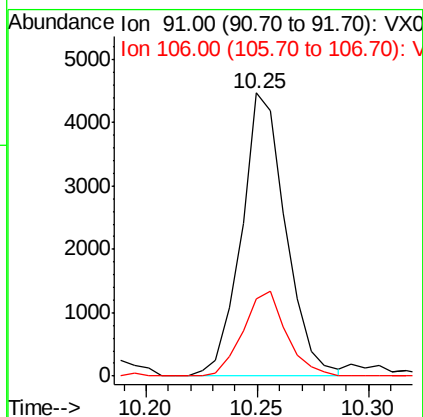
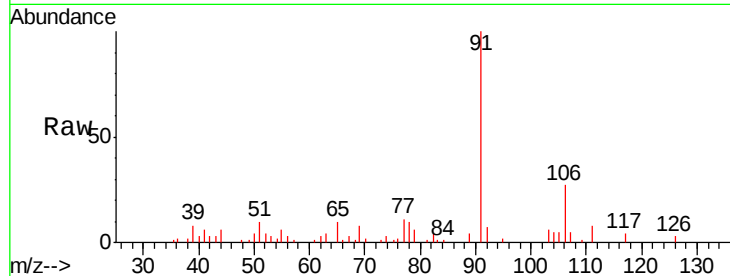




#67
Ethyl Benzene
Concen: 0.50 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

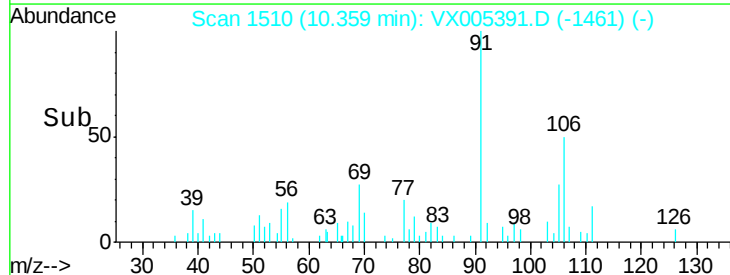
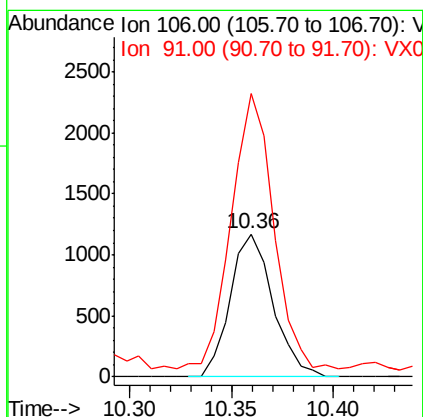
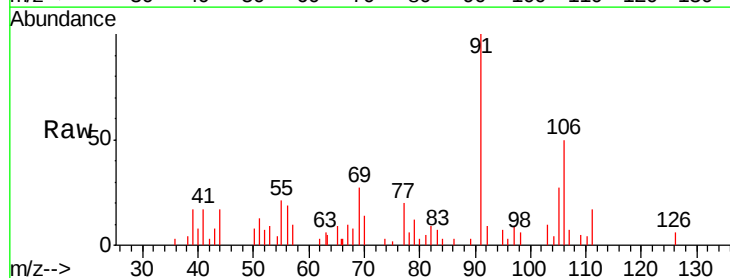
Instrument :
MSVOA_X
ClientSampleId :
MW-1

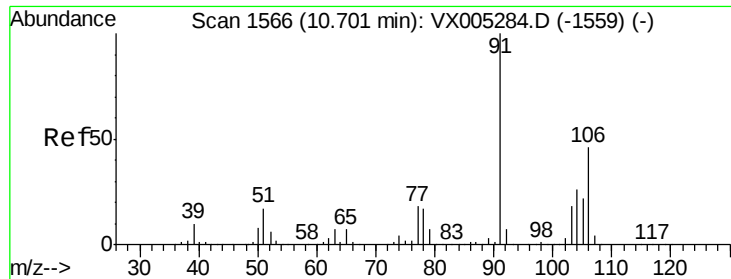
Tgt Ion: 91 Resp: 6198
Ion Ratio Lower Upper
91 100
106 27.2 25.9 38.9



#68
m/p-Xylenes
Concen: 0.35 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

Tgt Ion: 106 Resp: 1698
Ion Ratio Lower Upper
106 100
91 195.1 157.1 235.7

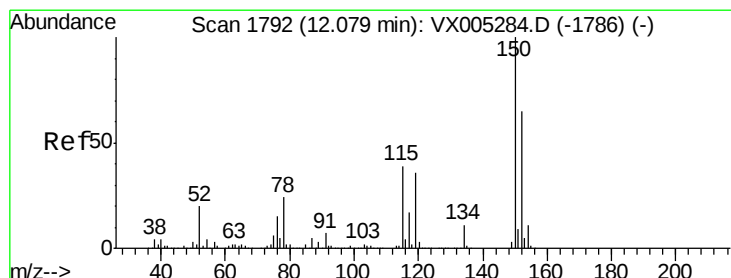
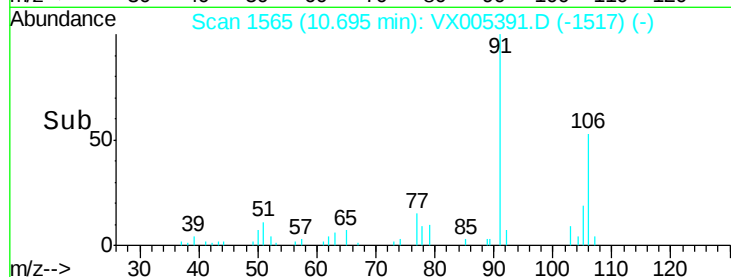
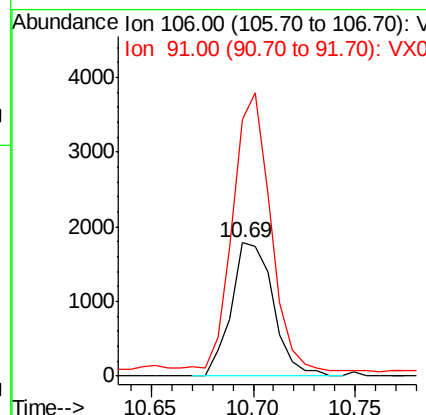
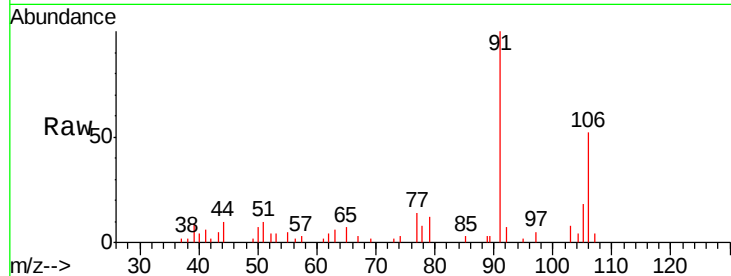




#69
o-Xylene
Concen: 0.54 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

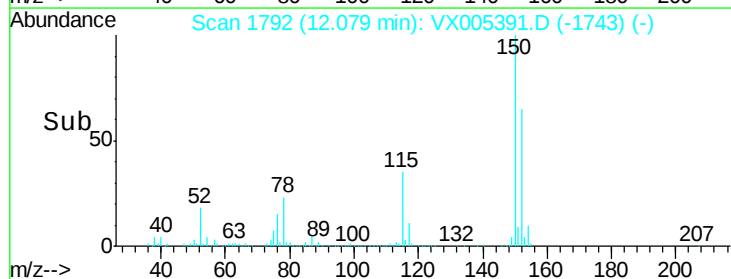
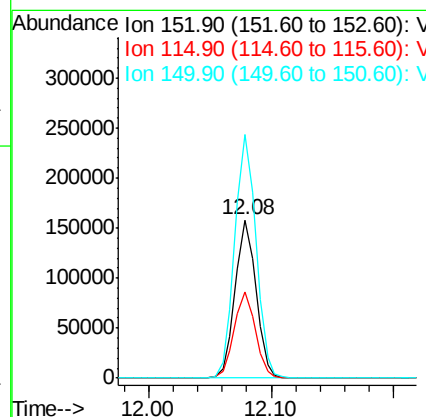
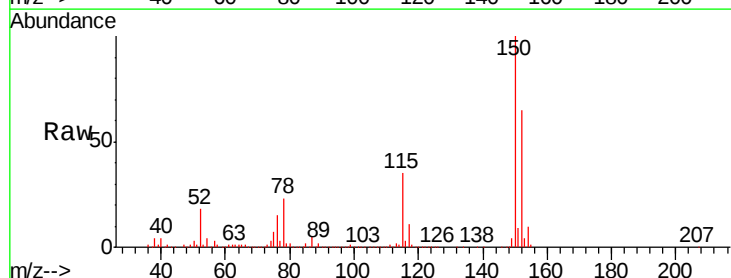
Instrument :
MSVOA_X
ClientSampled :
MW-1

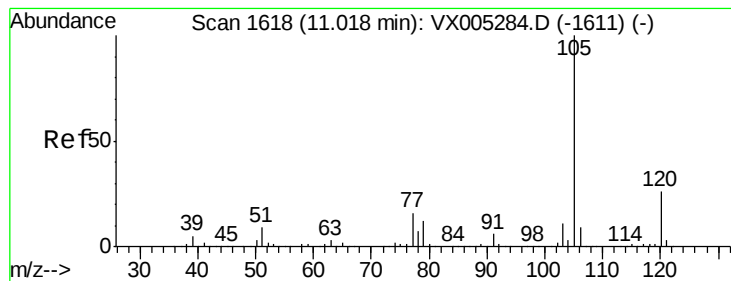
Tgt Ion:106 Resp: 2539
Ion Ratio Lower Upper
106 100
91 195.1 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

Tgt Ion:152 Resp: 186631
Ion Ratio Lower Upper
152 100
115 55.3 39.0 117.0
150 156.9 0.0 351.0





#73

Isopropylbenzene

Concen: 4.41 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

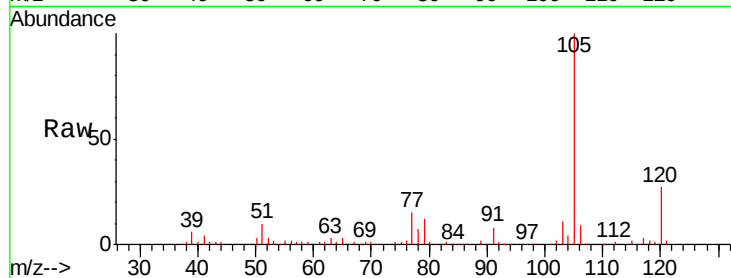
MW-1

Tgt Ion:105 Resp: 48904

Ion Ratio Lower Upper

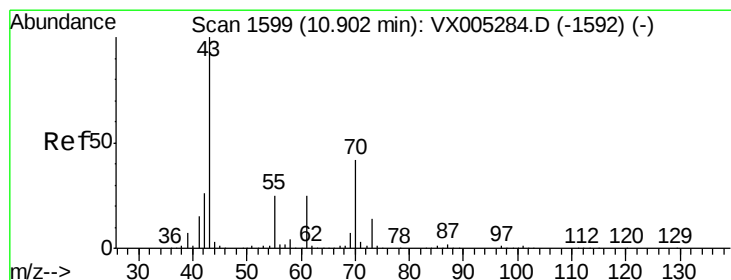
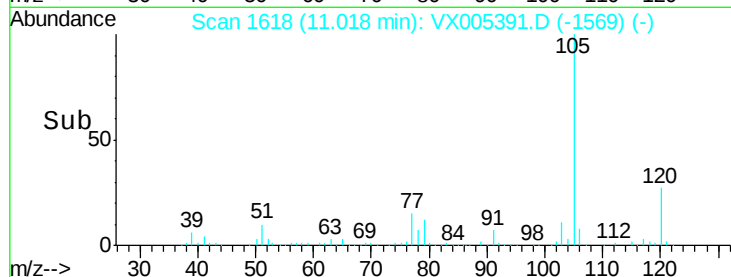
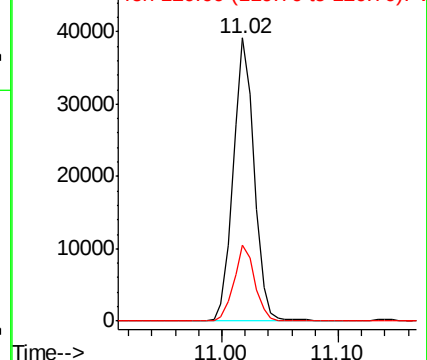
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.22 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Tgt Ion: 43 Resp: 1184

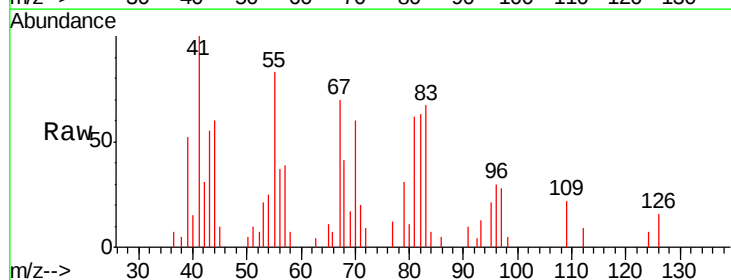
Ion Ratio Lower Upper

43 100

70 112.2 37.4 56.0#

55 230.8 21.8 32.8#

61 0.0 20.6 30.8#

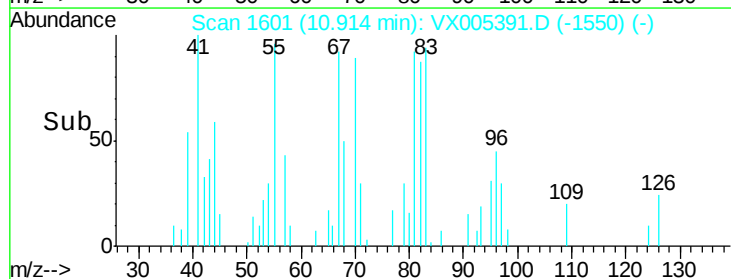
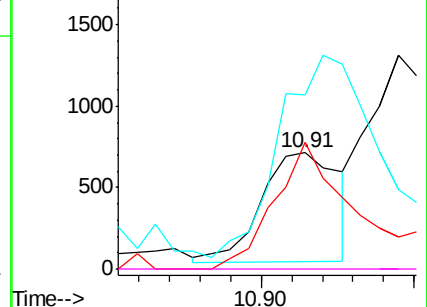


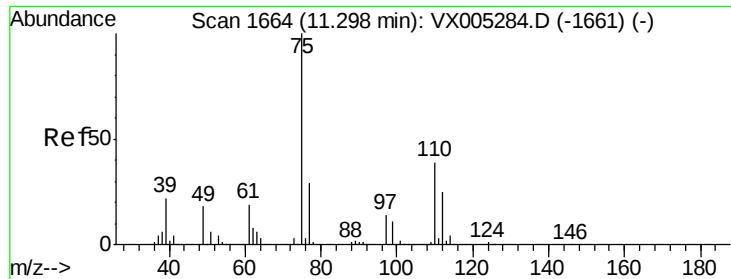
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.80 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

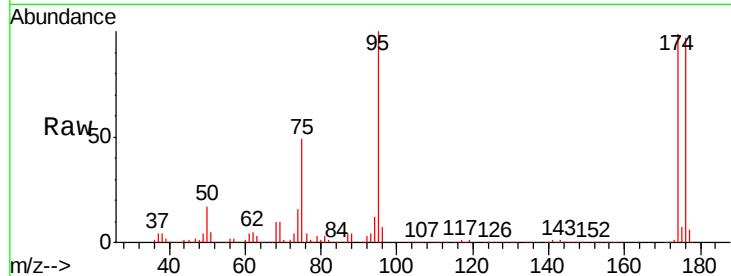
MW-1

Tgt Ion: 75 Resp: 82528

Ion Ratio Lower Upper

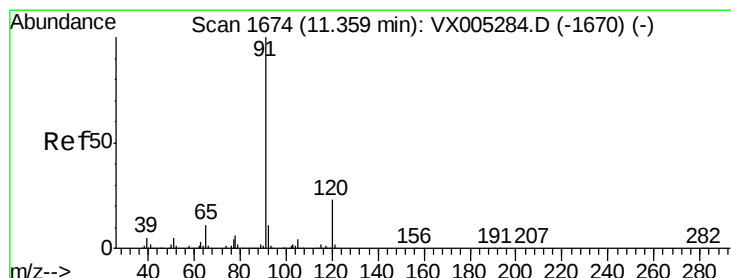
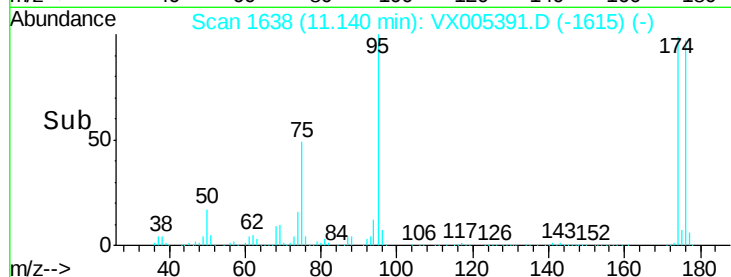
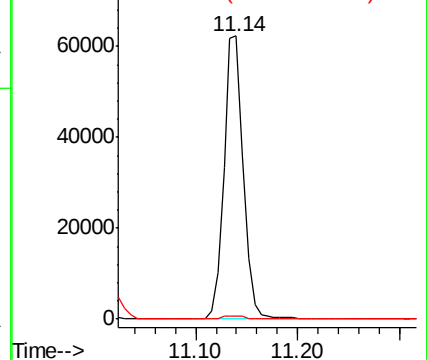
75 100

77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 9.73 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005391.D

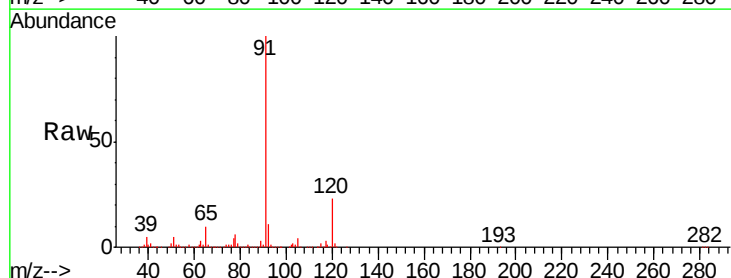
Acq: 17 Oct 2018 15:22

Tgt Ion: 91 Resp: 124210

Ion Ratio Lower Upper

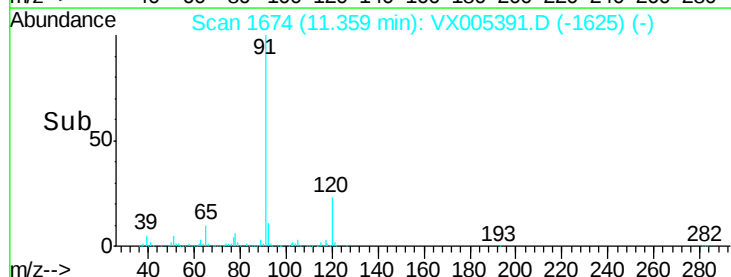
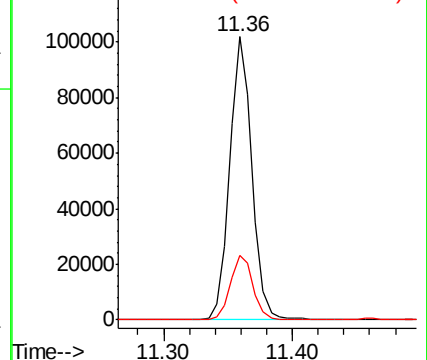
91 100

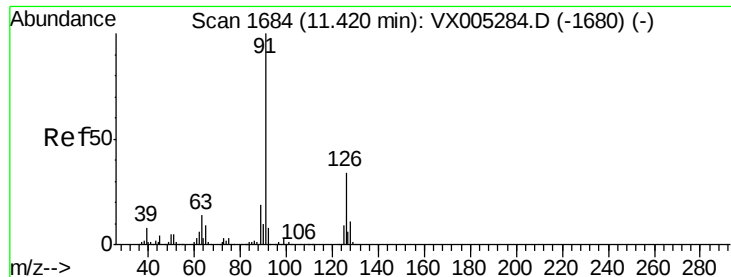
120 23.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

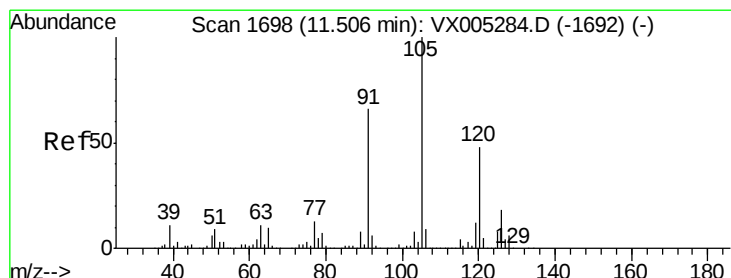
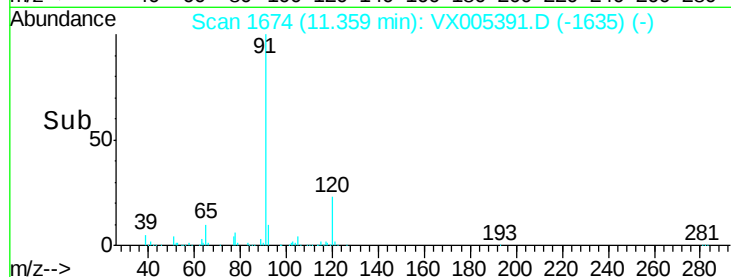
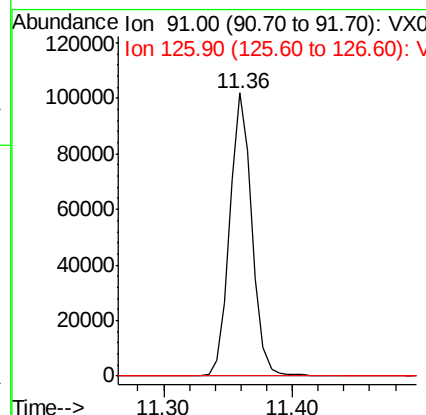
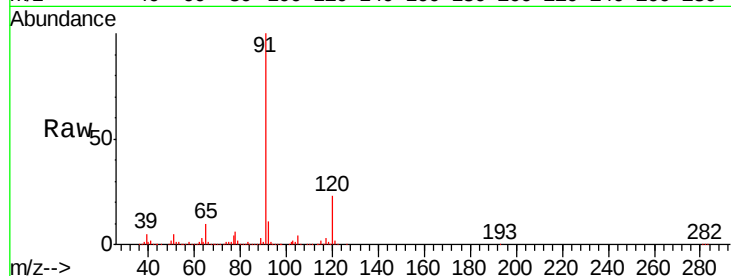




#79
 2-Chlorotoluene
 Concen: 15.89 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.06 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

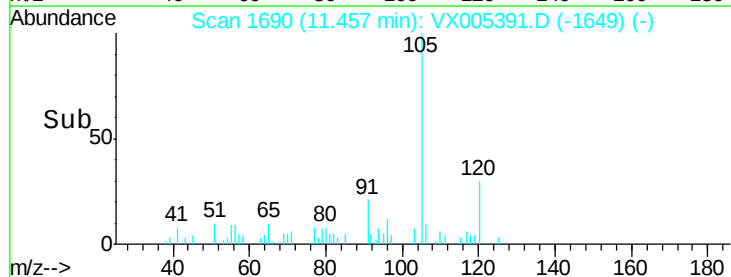
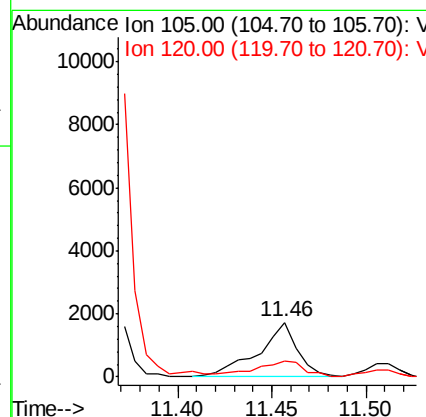
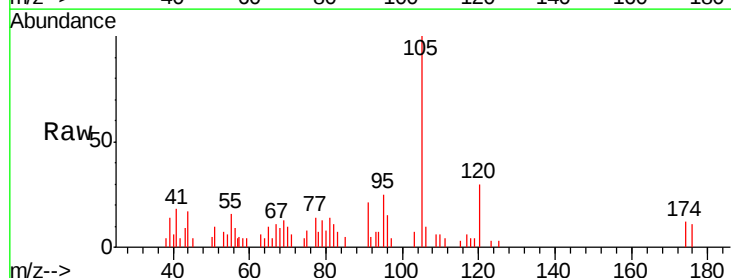
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

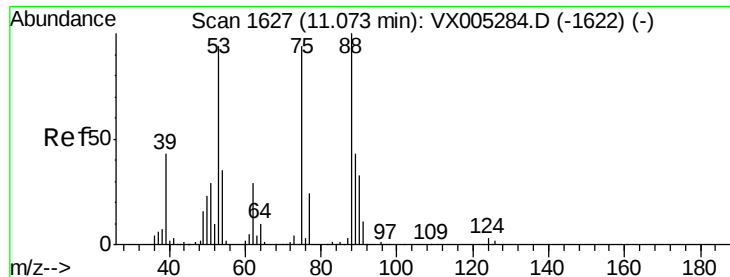
Tgt Ion: 91 Resp: 124210
 Ion Ratio Lower Upper
 91 100
 126 0.3 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.26 ug/l
 RT: 11.46 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

Tgt Ion: 105 Resp: 2505
 Ion Ratio Lower Upper
 105 100
 120 35.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 69.27 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

MW-1

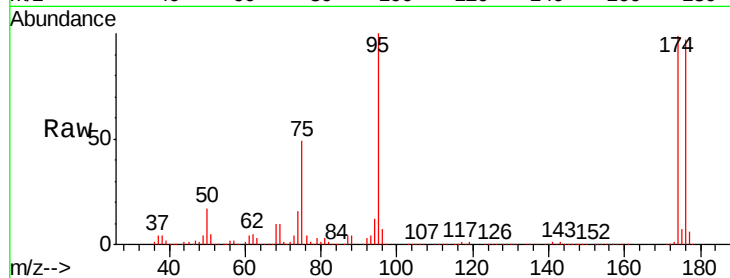
Tgt Ion: 75 Resp: 82528

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

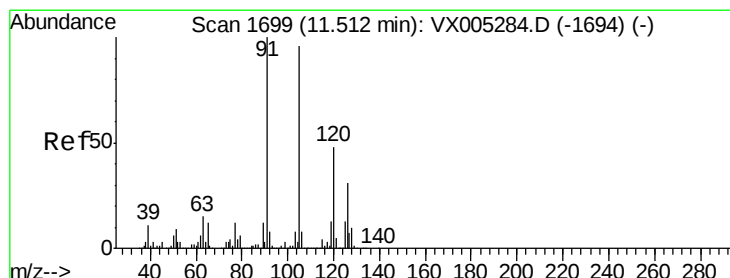
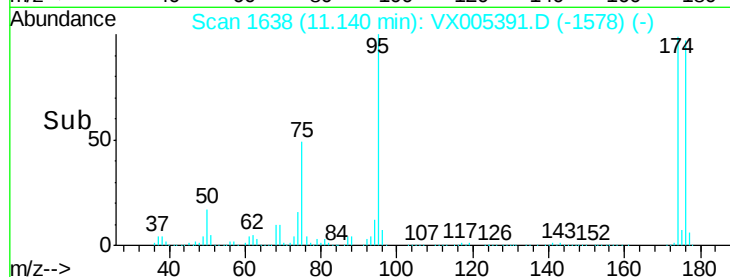
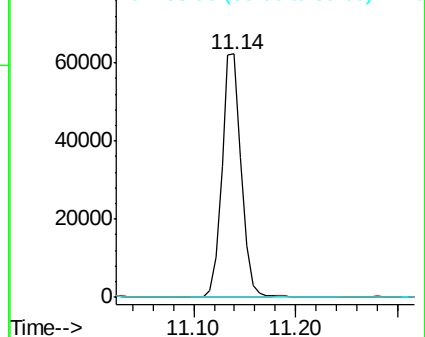
89 0.0 37.2 55.8#



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: 13.40 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX005391.D

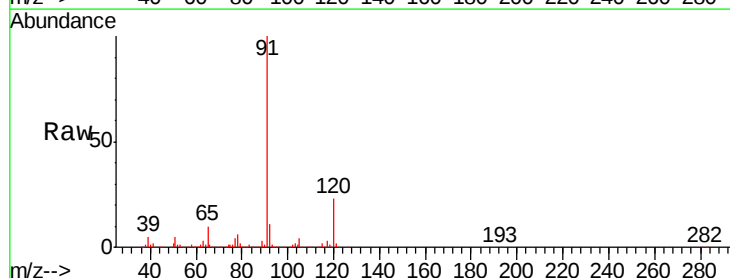
Acq: 17 Oct 2018 15:22

Tgt Ion: 91 Resp: 124210

Ion Ratio Lower Upper

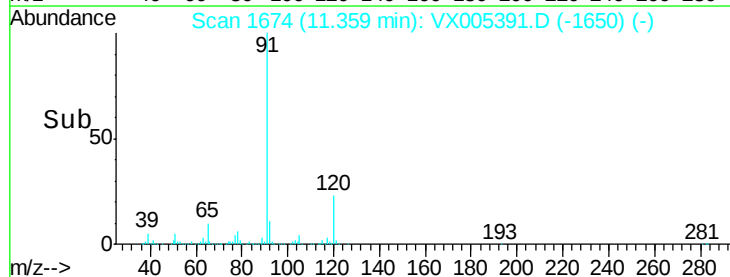
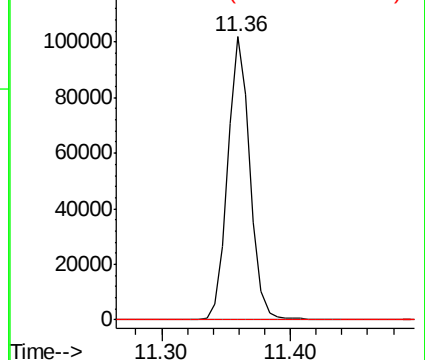
91 100

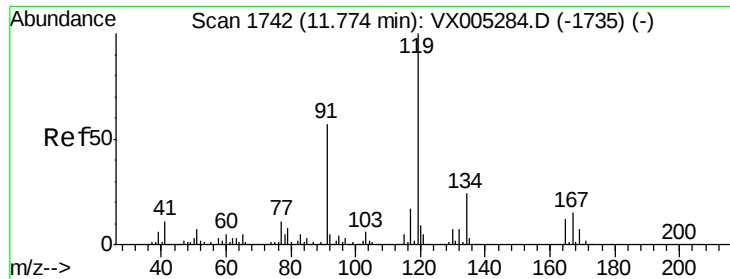
126 0.3 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

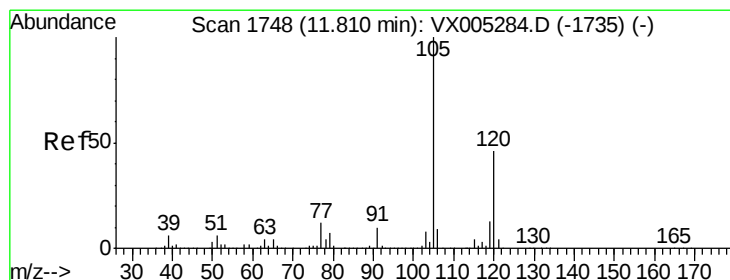
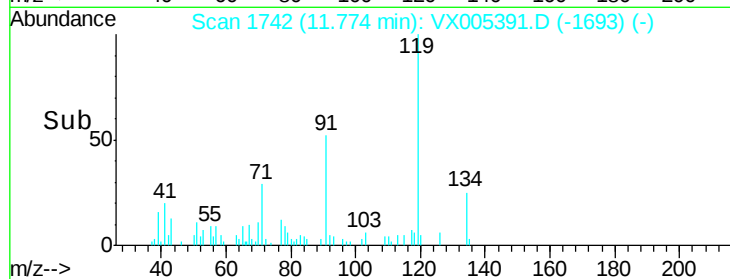
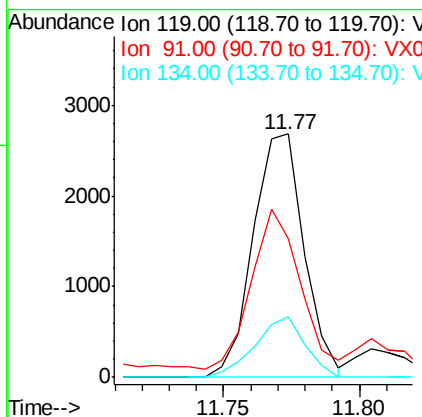
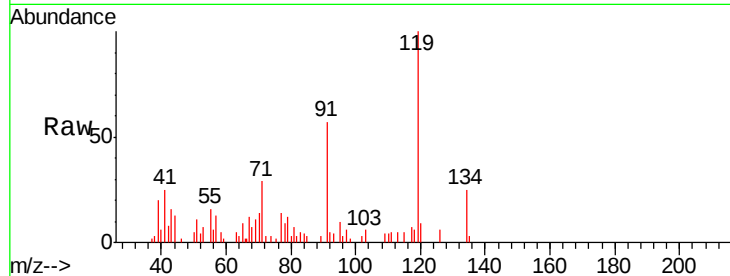




#83
 tert-Butylbenzene
 Concen: 0.36 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

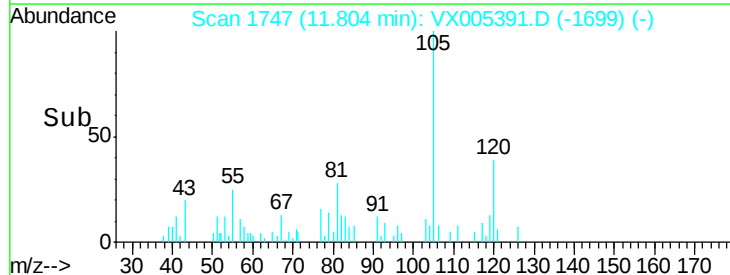
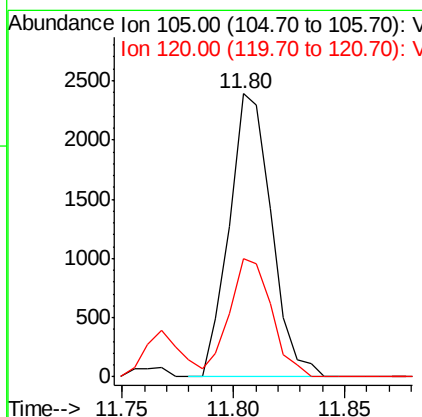
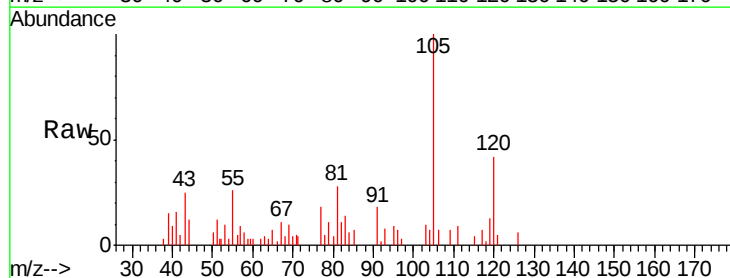
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

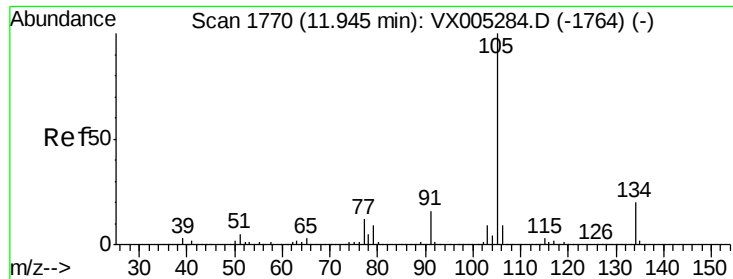
Tgt Ion:119 Resp: 3486
 Ion Ratio Lower Upper
 119 100
 91 64.9 27.0 81.0
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.32 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

Tgt Ion:105 Resp: 3153
 Ion Ratio Lower Upper
 105 100
 120 41.6 23.2 69.6

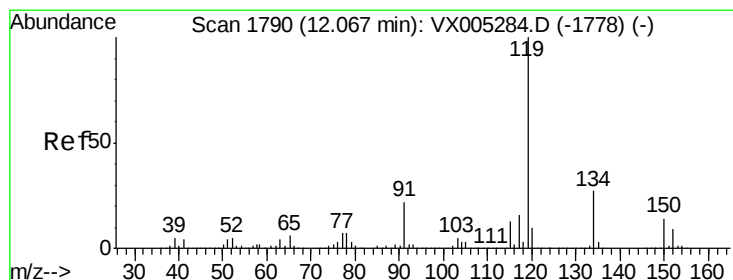
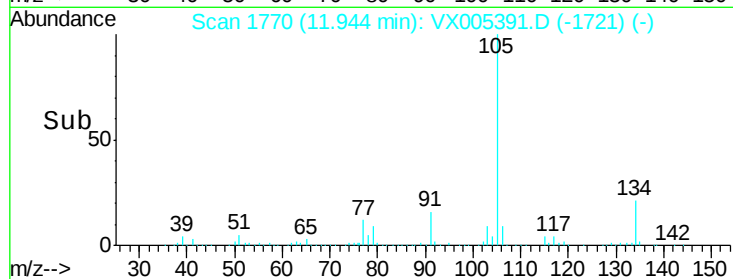
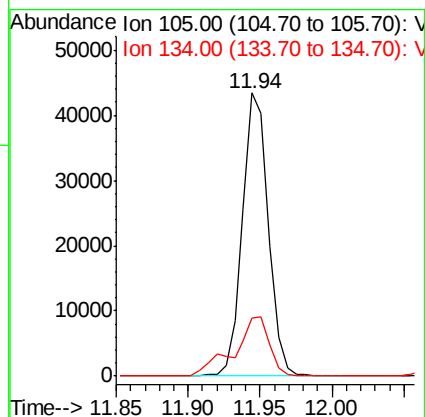
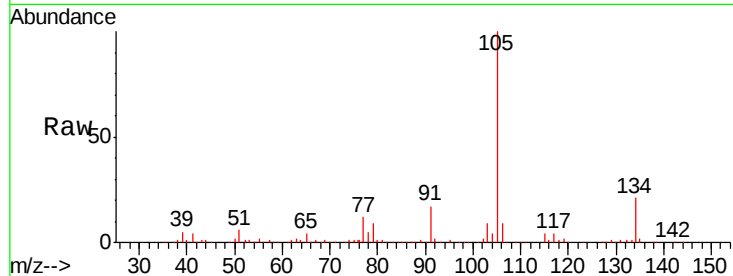




#85
 sec-Butylbenzene
 Concen: 4.75 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

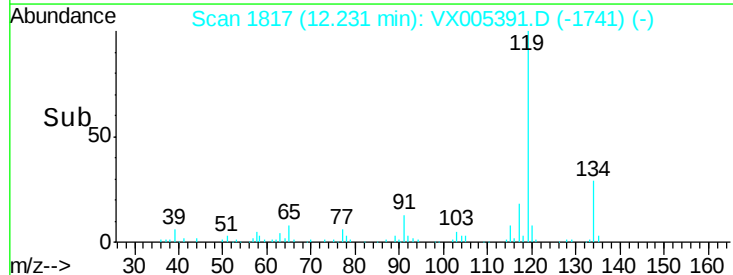
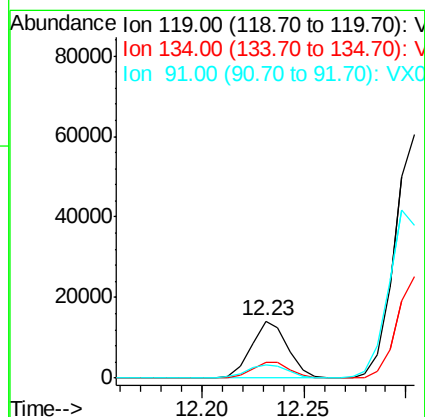
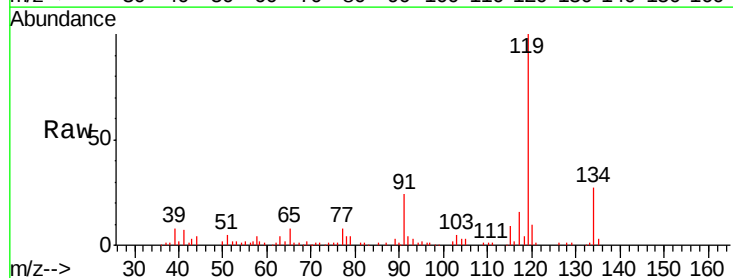
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

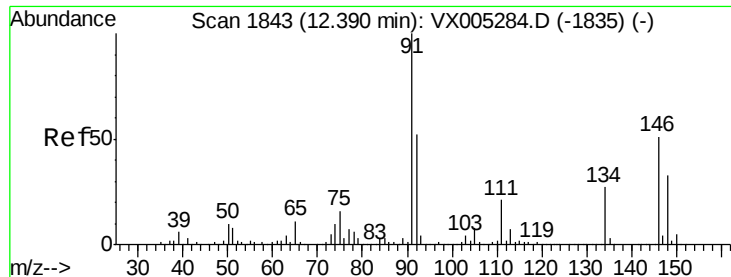
Tgt Ion:105 Resp: 54113
 Ion Ratio Lower Upper
 105 100
 134 28.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 1.70 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.16 min
 Lab File: VX005391.D
 Acq: 17 Oct 2018 15:22

Tgt Ion:119 Resp: 17500
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.4 40.2
 91 25.1 10.9 32.7

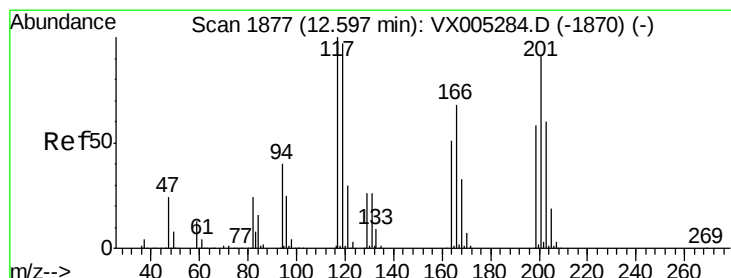
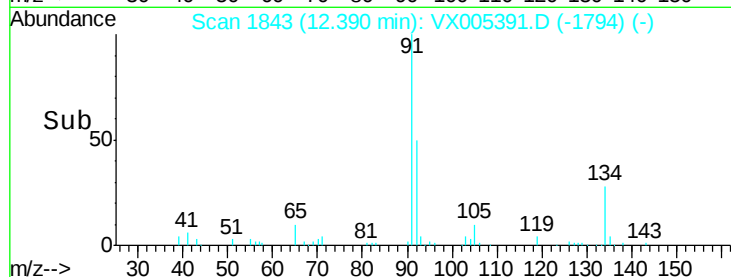
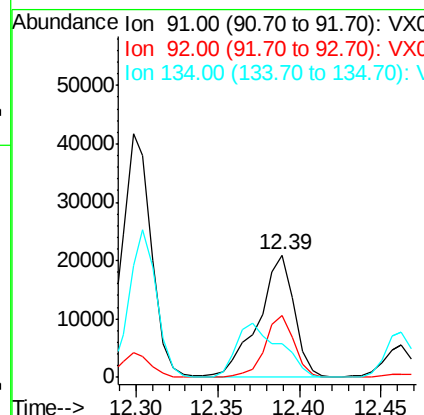
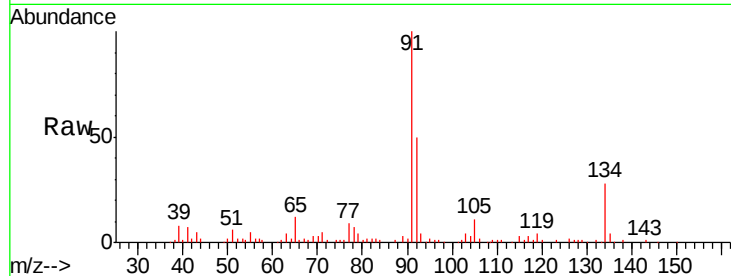




#89
n-Butylbenzene
Concen: 3.36 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

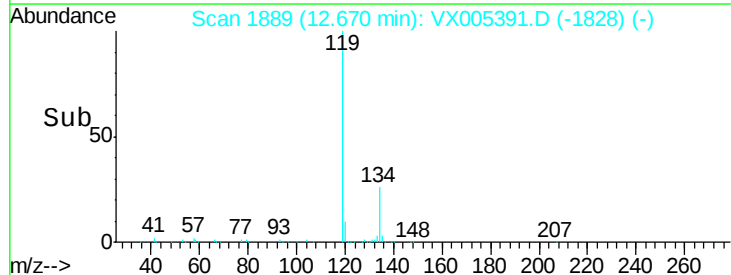
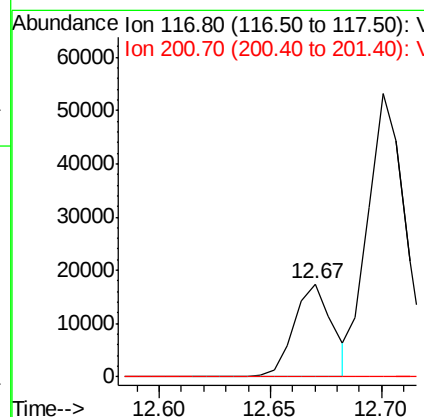
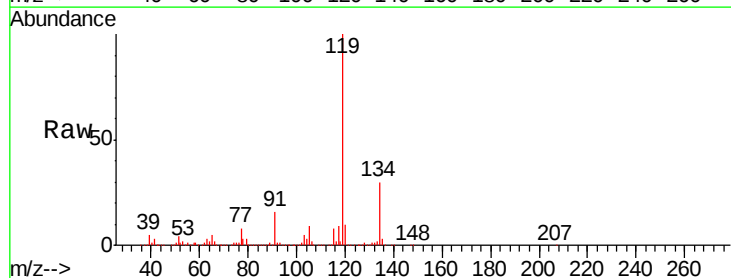
Instrument :
MSVOA_X
ClientSampled :
MW-1

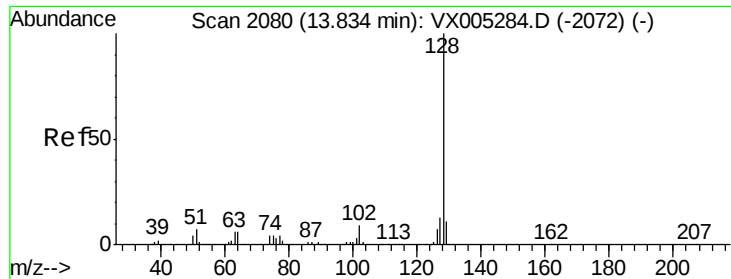
Tgt Ion: 91 Resp: 31369
Ion Ratio Lower Upper
91 100
92 42.6 27.3 81.9
134 55.0 13.6 40.7#



#90
Hexachloroethane
Concen: 11.90 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX005391.D
Acq: 17 Oct 2018 15:22

Tgt Ion: 117 Resp: 21099
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#95

Naphthalene

Concen: 11.13 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005391.D

Acq: 17 Oct 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

MW-1

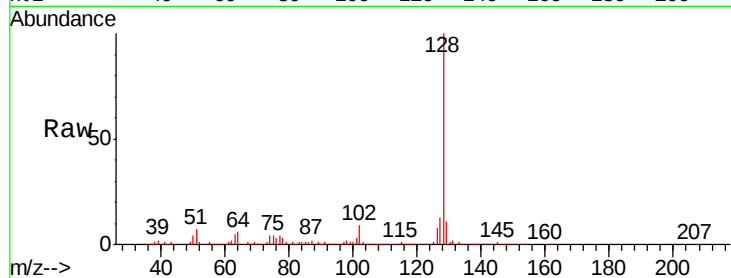
Tgt Ion:128 Resp: 143285

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

129 13.7 8.6 12.8#



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

