

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005006.D
 Acq On : 04 Oct 2018 08:41
 Operator : JC/MD
 Sample : J5194-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-100218-A

Quant Time: Oct 04 11:36:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	455270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257863	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	205482	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	5.51	113	185362	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
50) Toluene-d8	8.72	98	641652	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.14	95	239123	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	163	Below Cal	#	45
11) Tert butyl alcohol	3.06	59	2337	2.069	ug/l #	93
13) Acrolein	2.30	56	196	0.244	ug/l #	81
16) Acetone	2.45	43	34617	14.681	ug/l	95
18) Methyl Acetate	2.78	43	8911	1.492	ug/l	99
20) Methylene Chloride	2.86	84	6640	1.116	ug/l #	86
25) 2-Butanone	4.70	43	7137	2.053	ug/l	93
29) Tetrahydrofuran	5.17	42	2936	1.359	ug/l	92
30) Chloroform	5.22	83	10038	1.582	ug/l	97
36) 1,1-Dichloropropene	5.66	75	18766	3.565	ug/l #	46
38) Carbon Tetrachloride	5.67	117	25186	4.551	ug/l #	19
43) Isopropyl Acetate	6.46	43	231873	22.989	ug/l	97
47) Bromodichloromethane	7.90	83	1963	0.413	ug/l #	87
48) Methyl methacrylate	7.88	41	21131	4.616	ug/l #	44
51) 4-Methyl-2-Pentanone	8.62	43	2809	0.442	ug/l #	37
52) Toluene	8.79	92	2331	0.257	ug/l	91
54) cis-1,3-Dichloropropene	8.62	75	1493	0.265	ug/l #	62
56) Ethyl methacrylate	9.06	69	134	2.882	ug/l #	6
58) 2-Chloroethyl Vinyl ether	8.20	63	19	14.247	ug/l #	49
59) 2-Hexanone	9.55	43	13532	2.557	ug/l #	58
67) Ethyl Benzene	10.25	91	8928	0.497	ug/l	97
68) m/p-Xylenes	10.36	106	7077	1.008	ug/l	92
69) o-Xylene	10.70	106	24728	3.833	ug/l	99
70) Styrene	10.70	104	1667	2.273	ug/l #	1
73) Isopropylbenzene	11.02	105	4934	0.304	ug/l	95
74) N-amyl acetate	10.91	43	99	1.759	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	117362	20.306	ug/l #	35
78) n-propylbenzene	11.36	91	14119	0.757	ug/l	98
79) 2-Chlorotoluene	11.43	91	9360	0.805	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	64830	4.171	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	117362	55.168	ug/l #	10
82) 4-Chlorotoluene	11.51	91	6937	0.507	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.81	105	82556	5.197	ug/l	99
85) sec-Butylbenzene	11.94	105	10175	0.624	ug/l	88

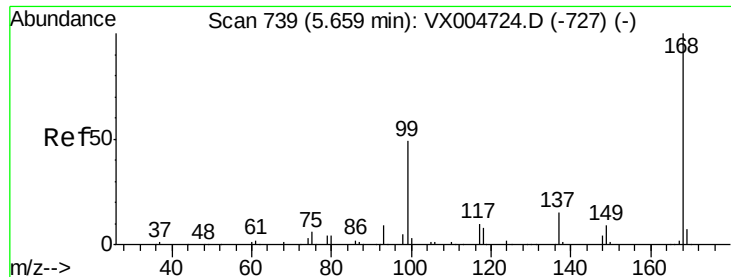
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005006.D
Acq On : 04 Oct 2018 08:41
Operator : JC/MD
Sample : J5194-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

Quant Time: Oct 04 11:36:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.07	119	8083	0.547	ug/l	86
89) n-Butylbenzene	12.38	91	13641	1.017	ug/l #	15
90) Hexachloroethane	12.58	117	3014	1.226	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	449	0.309	ug/l #	1
95) Naphthalene	13.83	128	21186	1.693	ug/l #	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

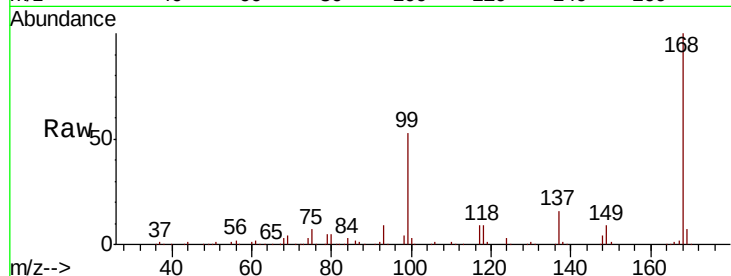
HR-06-100218-A

Tot Ion:168 Resp: 282739

Ion Ratio Lower Upper

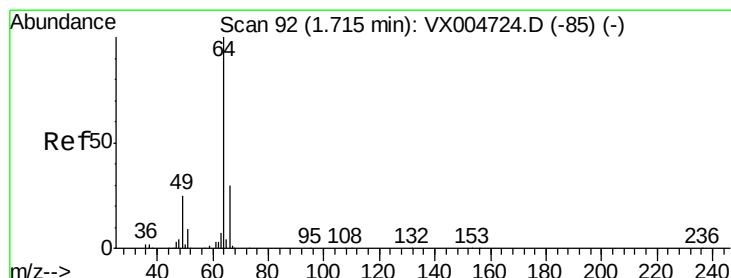
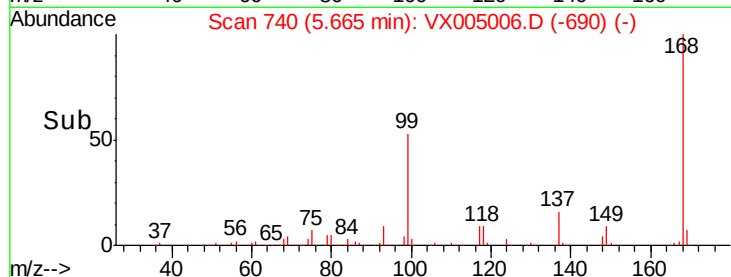
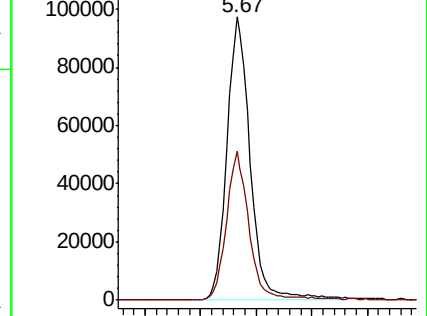
168 100

99 52.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005006.D

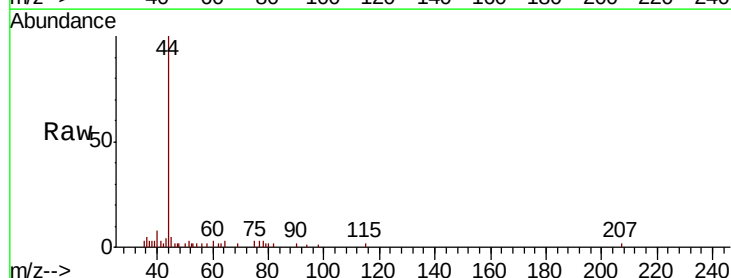
Acq: 04 Oct 2018 08:41

Tgt Ion: 64 Resp: 163

Ion Ratio Lower Upper

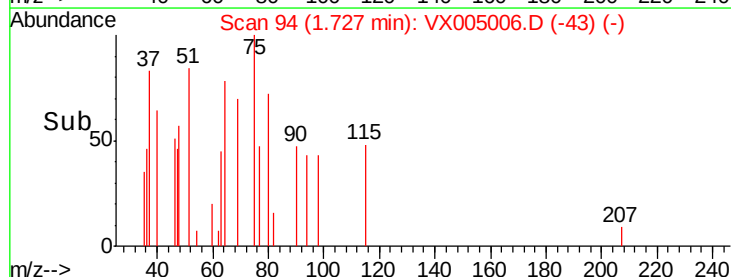
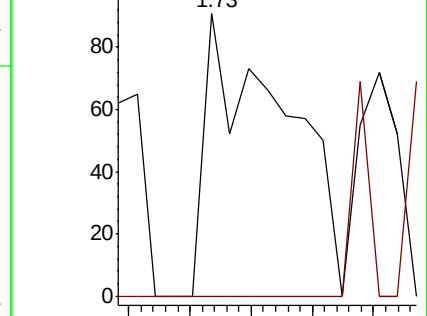
64 100

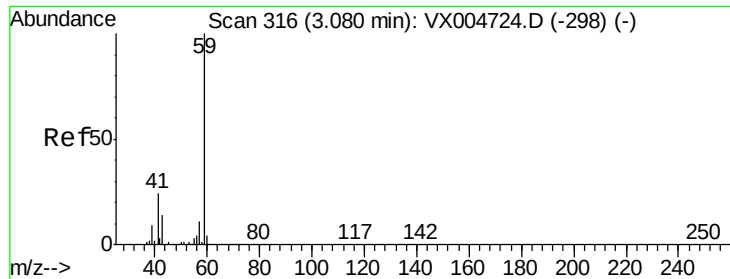
66 0.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



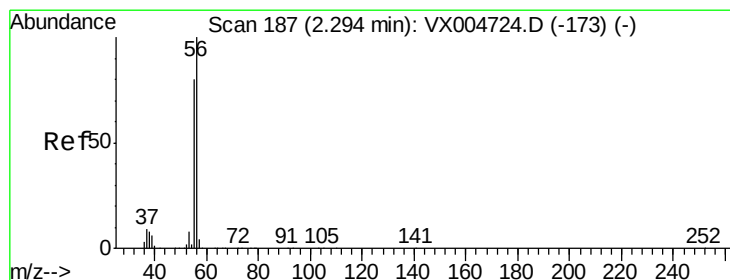
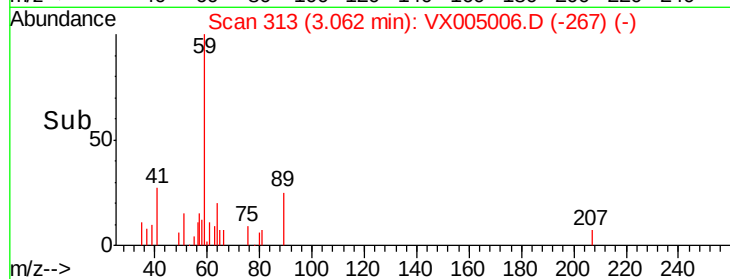
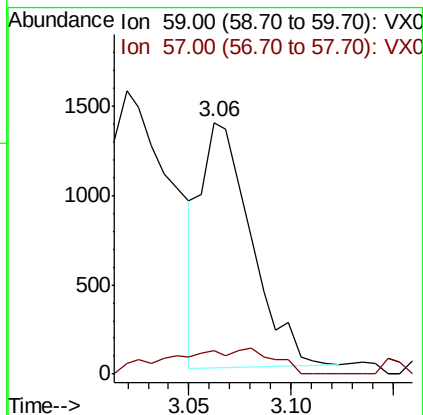
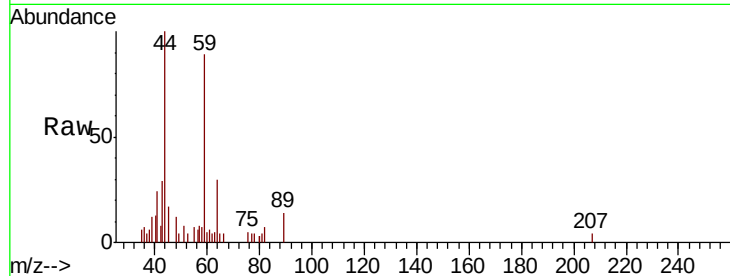


#11

Tert butyl alcohol
 Concen: 2.069 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-100218-A

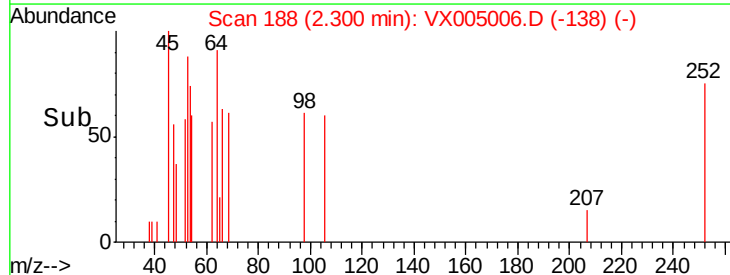
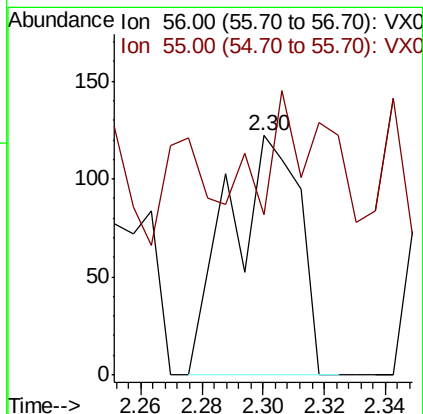
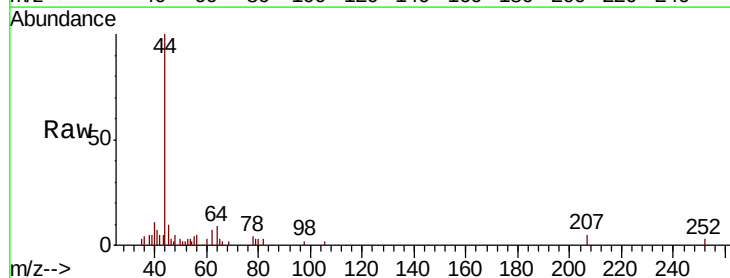
Tot Ion: 59 Resp: 2337
 Ion Ratio Lower Upper
 59 100
 57 13.2 8.6 12.8#

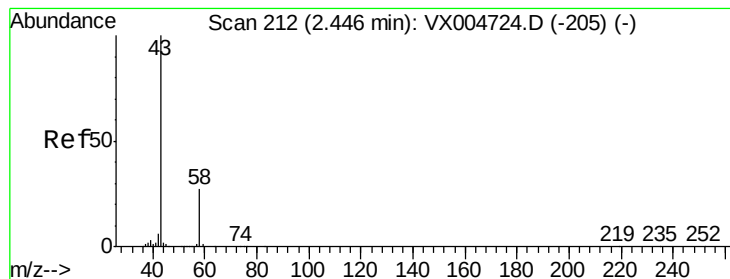


#13

Acrolein
 Concen: 0.244 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

Tgt Ion: 56 Resp: 196
 Ion Ratio Lower Upper
 56 100
 55 62.2 63.4 95.2#





#16

Acetone

Concen: 14.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

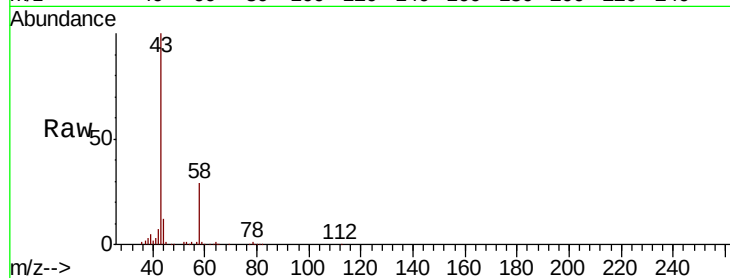
HR-06-100218-A

Tot Ion: 43 Resp: 34617

Ion Ratio Lower Upper

43 100

58 29.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

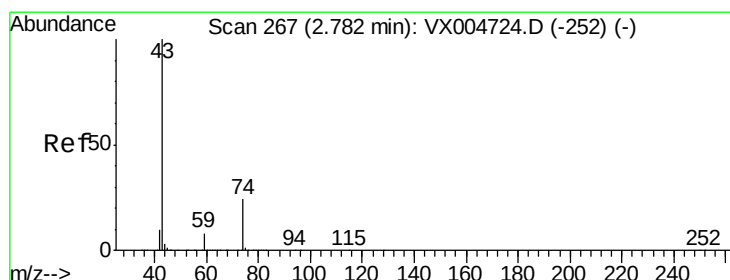
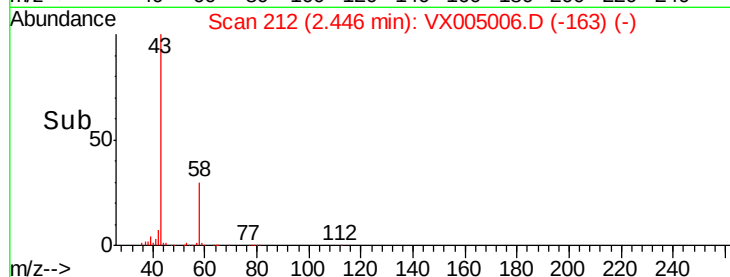
10000

5000

0

Time-->

2.35 2.40 2.45 2.50



#18

Methyl Acetate

Concen: 1.492 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005006.D

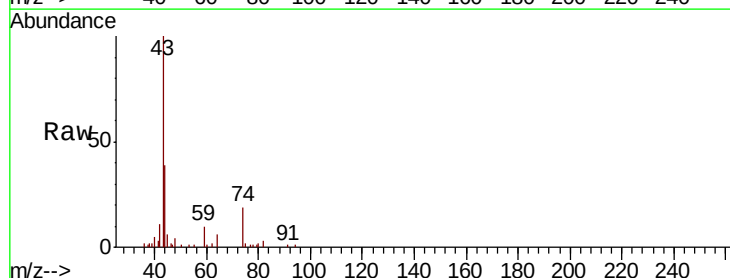
Acq: 04 Oct 2018 08:41

Tgt Ion: 43 Resp: 8911

Ion Ratio Lower Upper

43 100

74 21.9 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

6000

5000

4000

3000

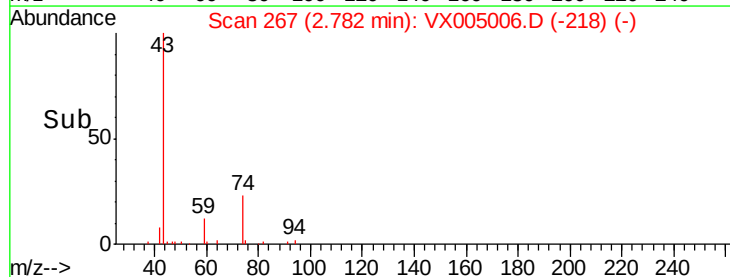
2000

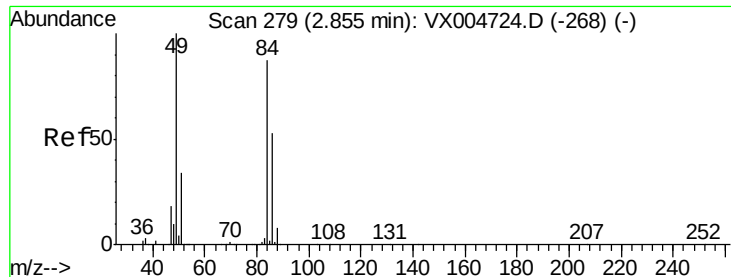
1000

0

Time-->

2.70 2.75 2.80 2.85

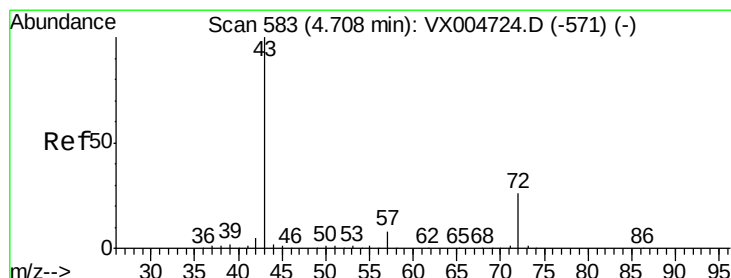
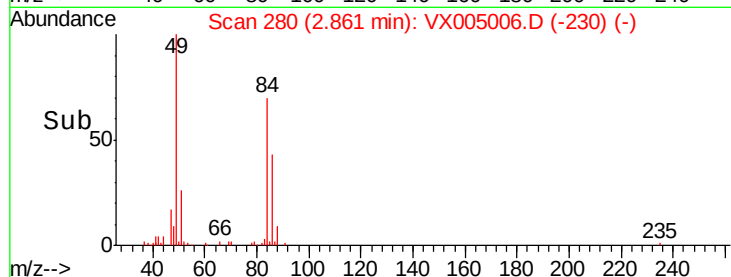
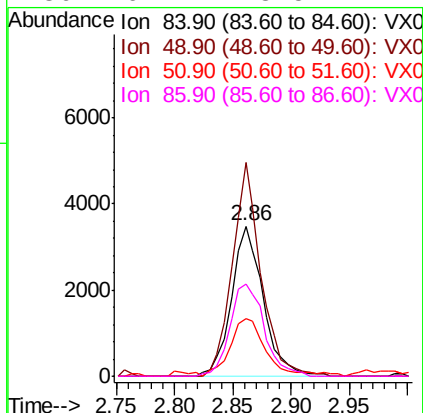
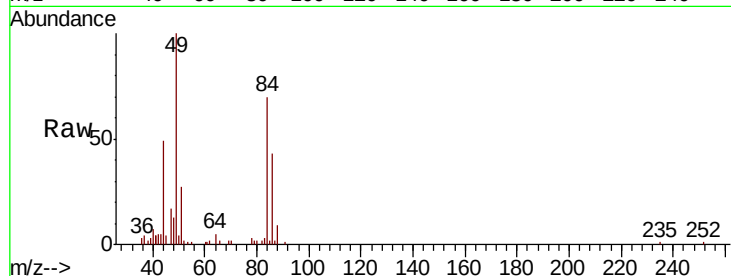




#20
Methylene Chloride
Concen: 1.116 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

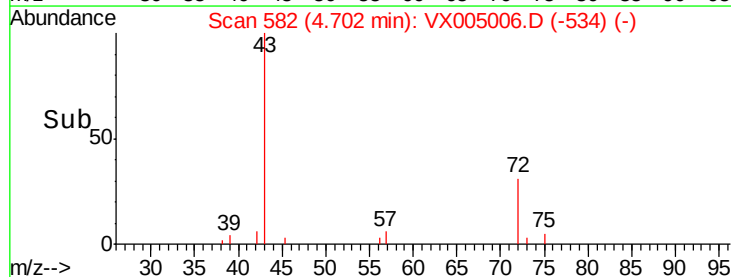
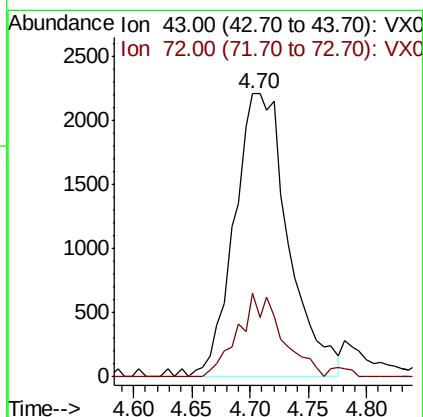
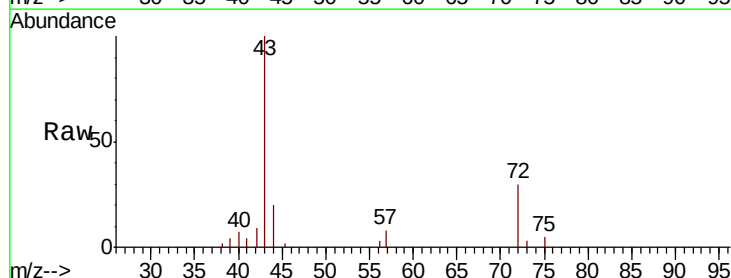
Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

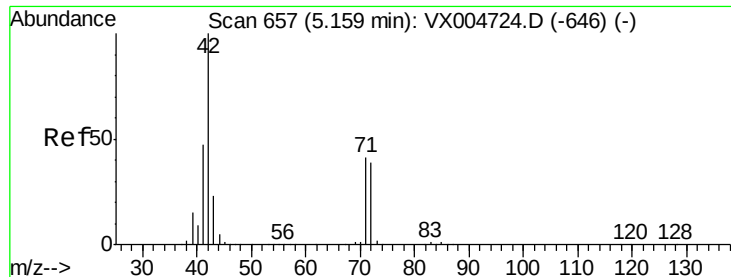
Tot Ion: 84 Resp: 6640
Ion Ratio Lower Upper
84 100
49 142.1 92.3 138.5#
51 37.2 31.8 47.6
86 61.7 48.5 72.7



#25
2-Butanone
Concen: 2.053 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 43 Resp: 7137
Ion Ratio Lower Upper
43 100
72 29.6 20.8 31.2

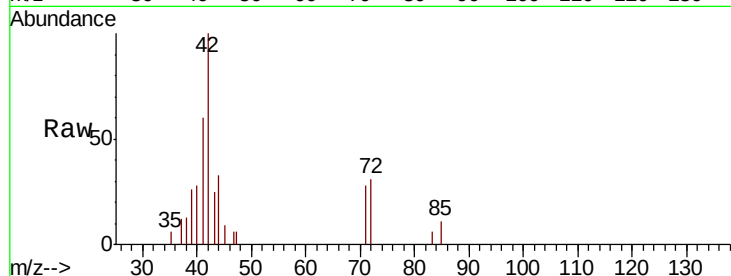




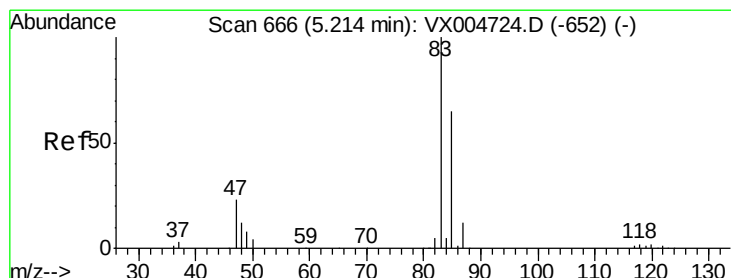
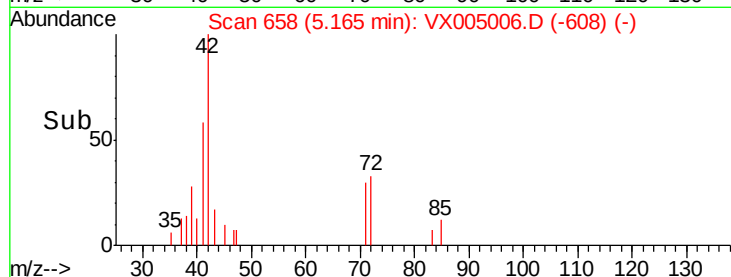
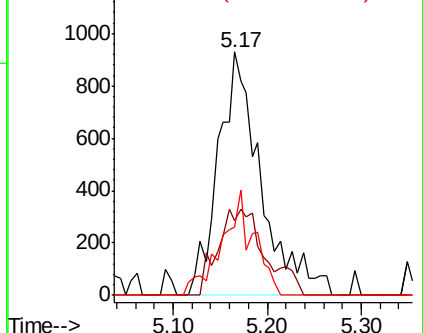
#29
Tetrahydrofuran
Concen: 1.359 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

Tot Ion: 42 Resp: 2936
Ion Ratio Lower Upper
42 100
72 39.1 33.7 50.5
71 32.6 32.2 48.4

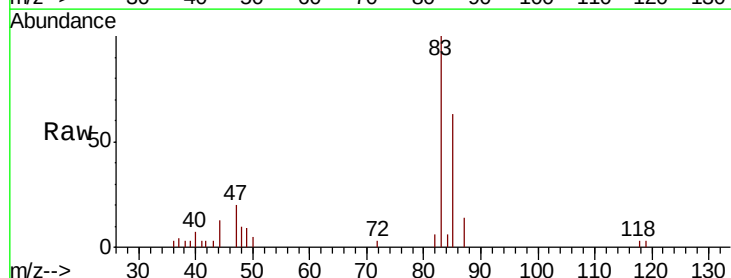


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

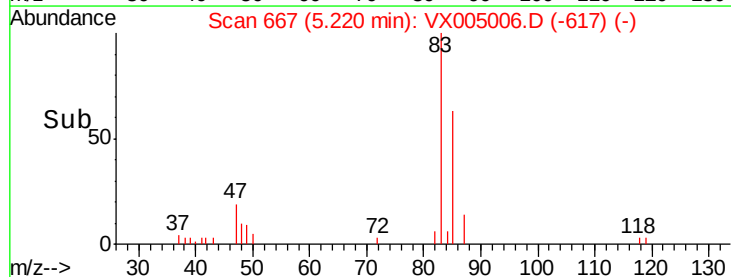
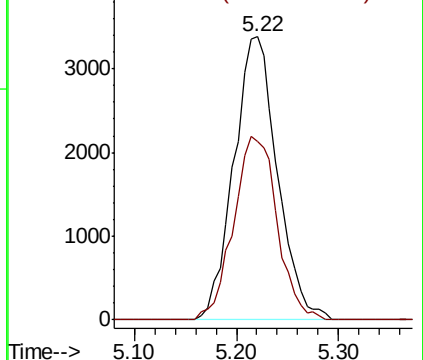


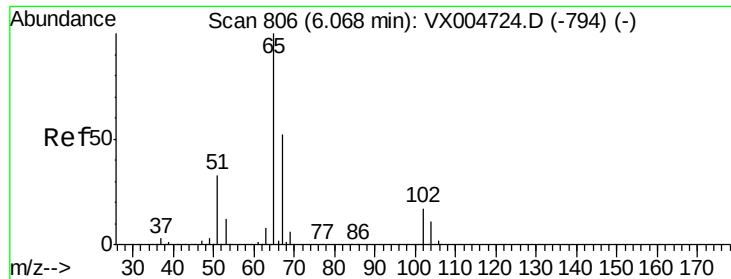
#30
Chloroform
Concen: 1.582 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 83 Resp: 10038
Ion Ratio Lower Upper
83 100
85 62.9 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

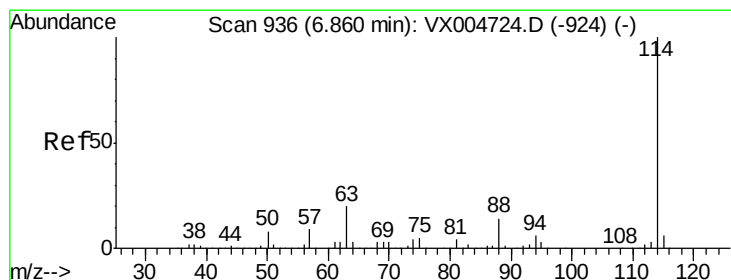
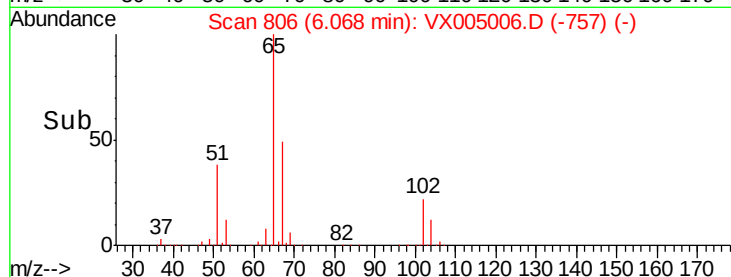
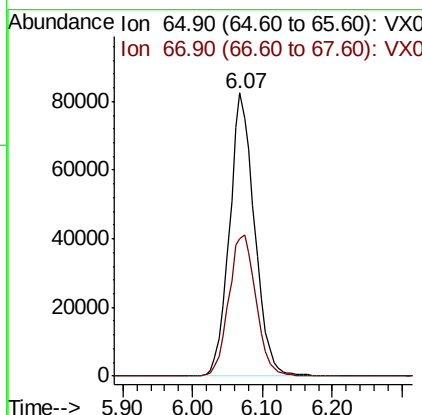
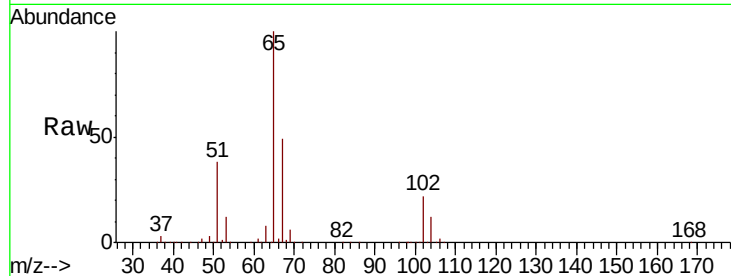




#33
 1,2-Dichloroethane-d4
 Concen: 50.875 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

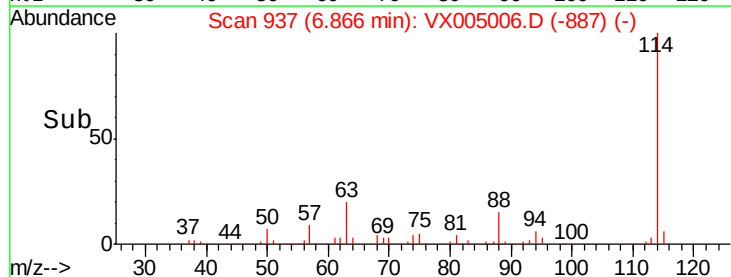
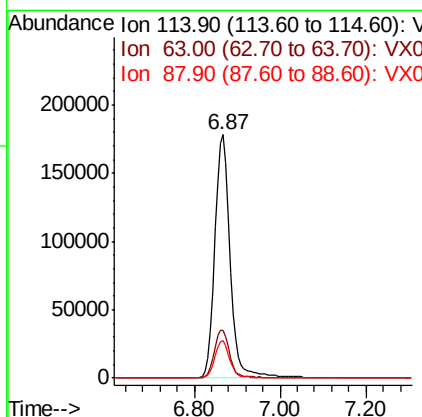
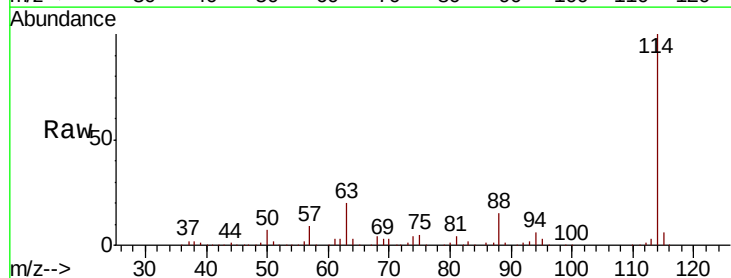
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-100218-A

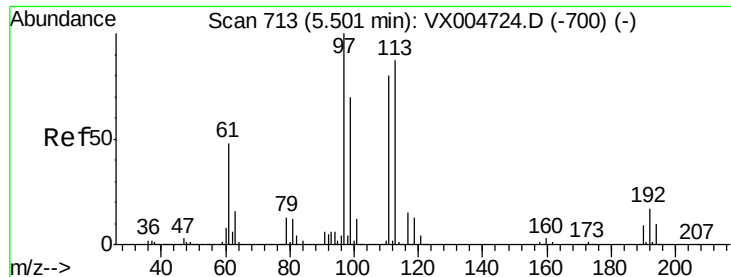
Tot Ion: 65 Resp: 205482
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

Tgt Ion: 114 Resp: 455270
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 27.0

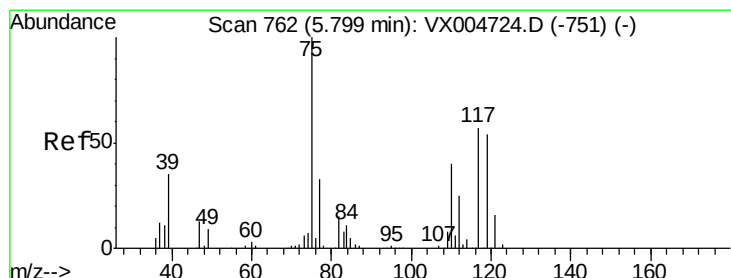
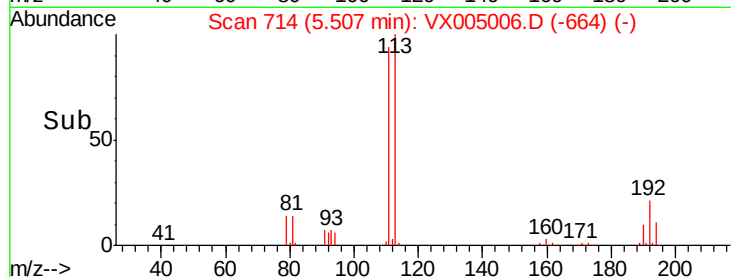
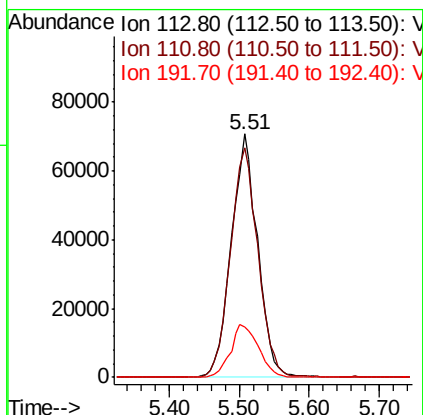
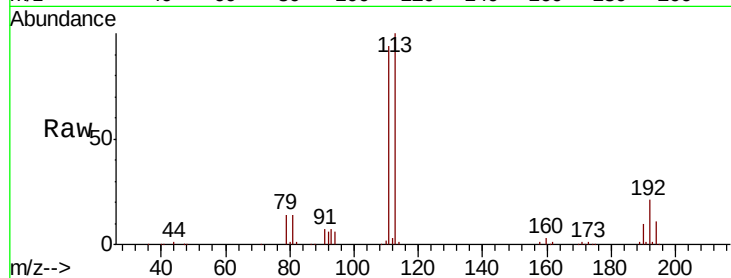




#35
 Dibromofluoromethane
 Concen: 48.040 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

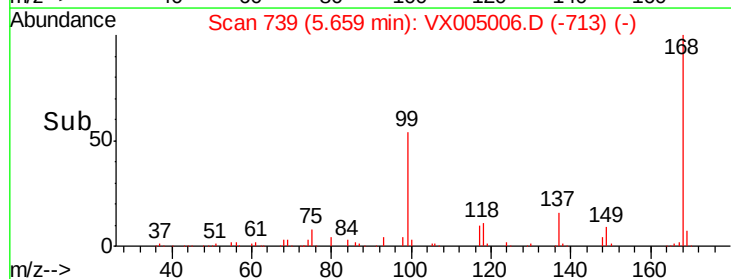
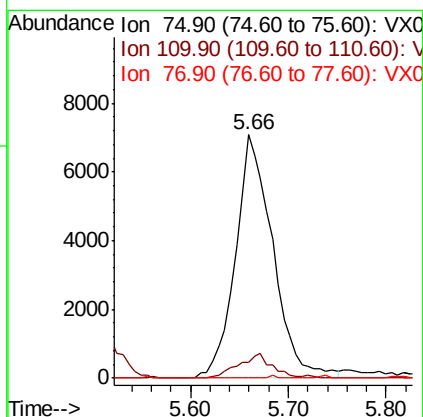
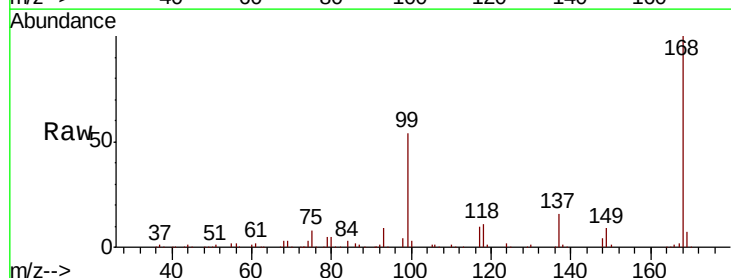
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-100218-A

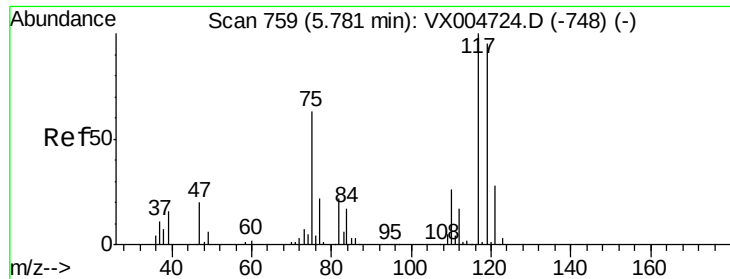
Tot Ion:113 Resp: 185362
 Ion Ratio Lower Upper
 113 100
 111 98.6 77.0 115.4
 192 22.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 3.565 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

Tgt Ion: 75 Resp: 18766
 Ion Ratio Lower Upper
 75 100
 110 8.9 20.0 59.9#
 77 0.0 27.1 40.7#

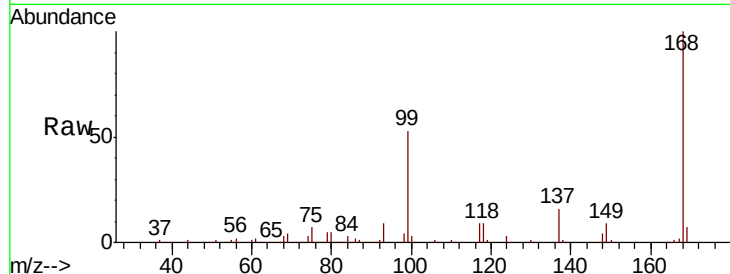




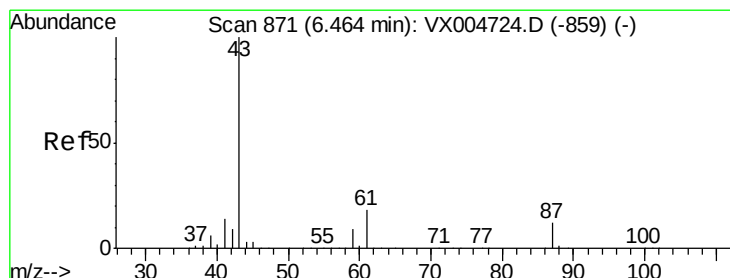
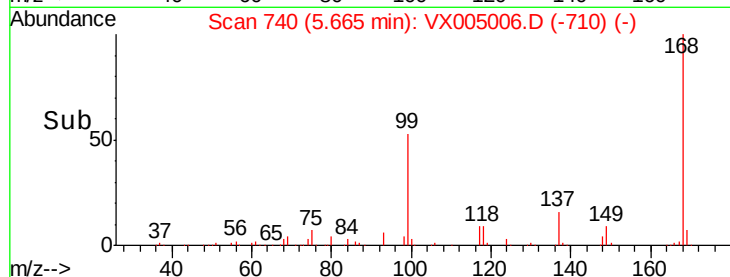
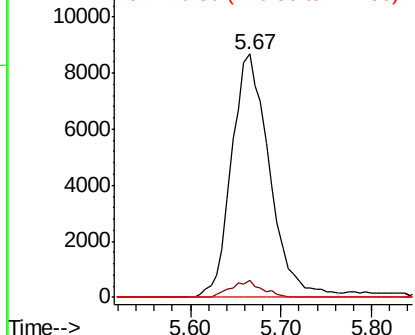
#38
Carbon Tetrachloride
Concen: 4.551 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

Tot Ion:117 Resp: 25186
Ion Ratio Lower Upper
117 100
119 7.2 75.2 112.8#
121 0.0 22.5 33.7#

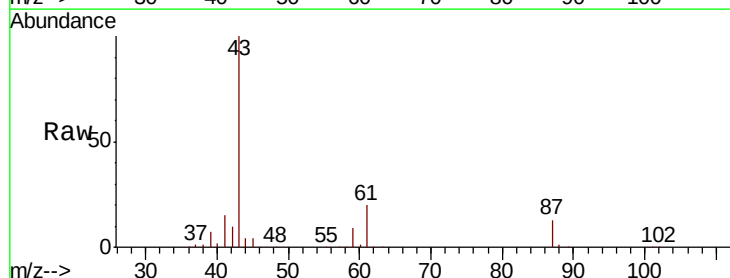


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

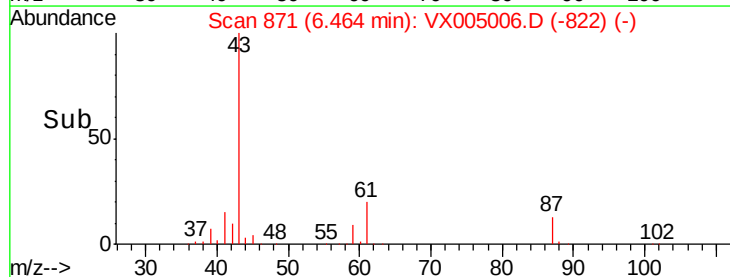
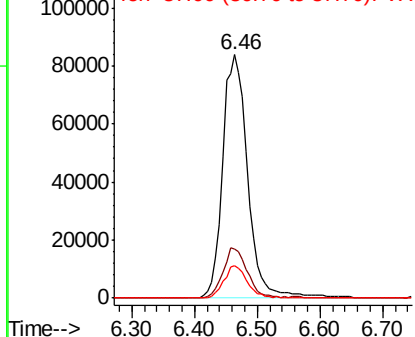


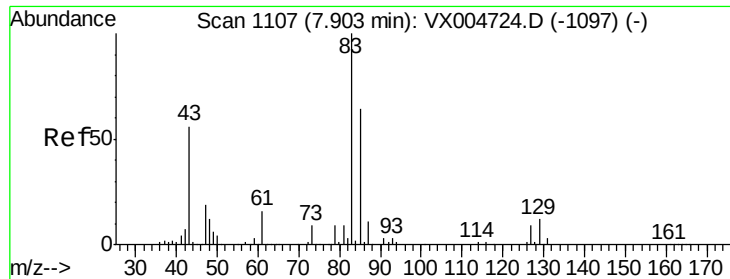
#43
Isopropyl Acetate
Concen: 22.989 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 43 Resp: 231873
Ion Ratio Lower Upper
43 100
61 19.7 14.2 21.4
87 12.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.413 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

HR-06-100218-A

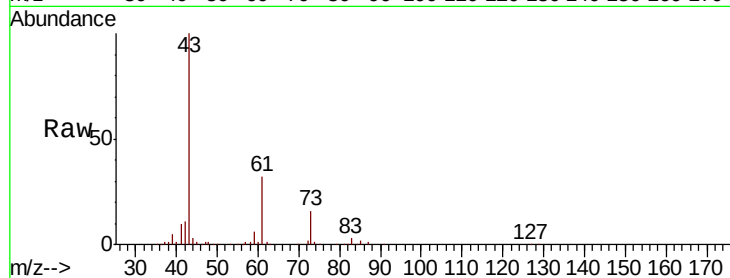
Tot Ion: 83 Resp: 1963

Ion Ratio Lower Upper

83 100

85 52.9 51.2 76.8

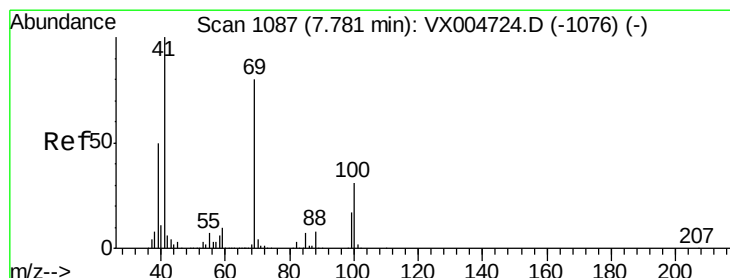
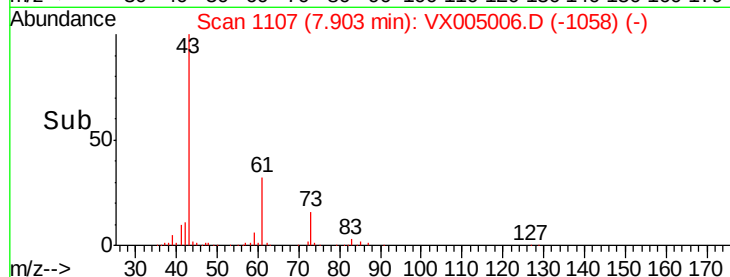
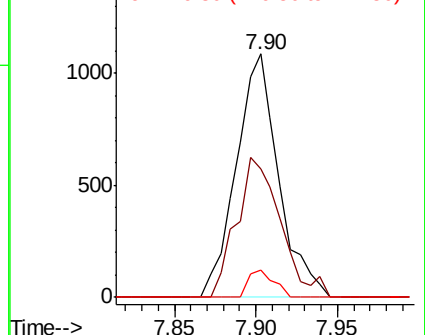
127 11.0 7.0 10.6#



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: 4.616 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.10 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

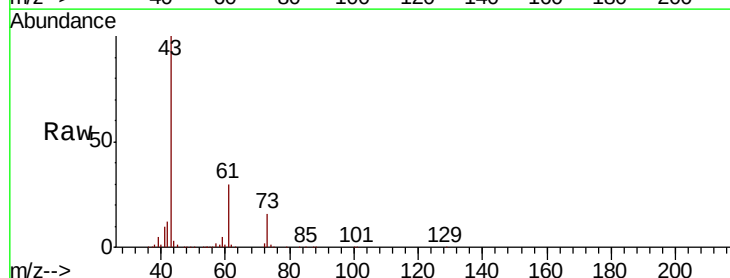
Tgt Ion: 41 Resp: 21131

Ion Ratio Lower Upper

41 100

69 0.0 63.8 95.6#

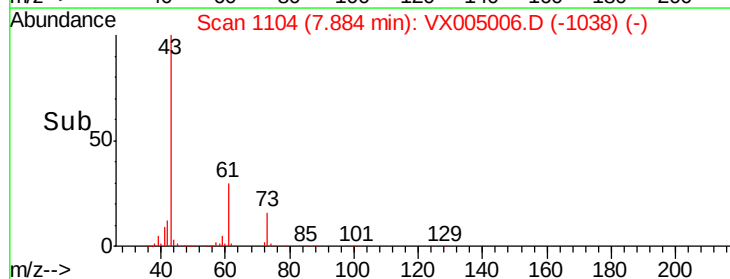
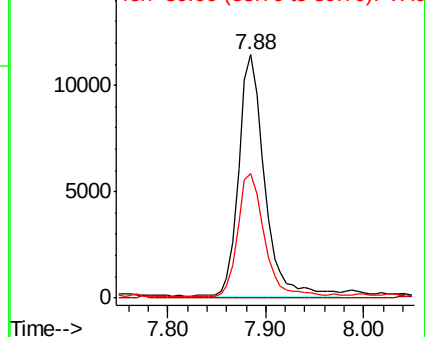
39 52.1 40.7 61.1

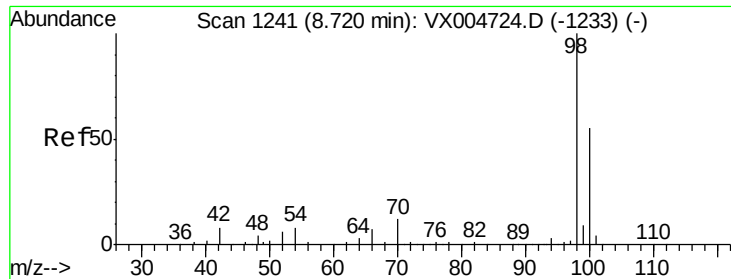


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

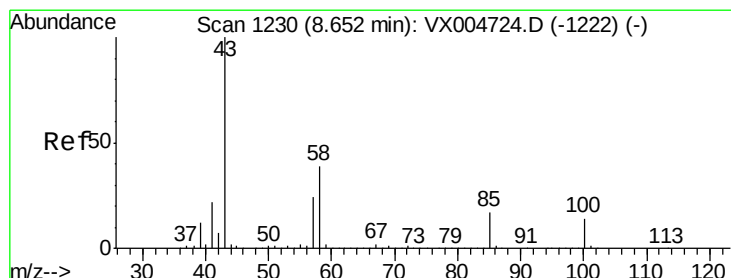
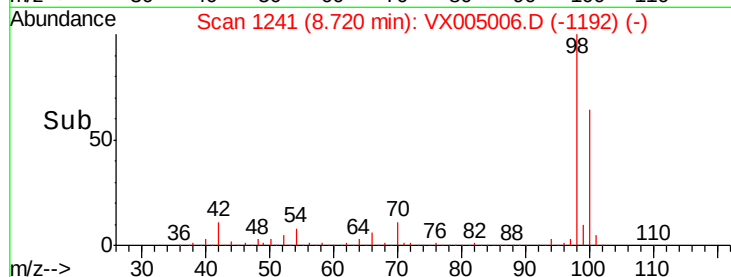
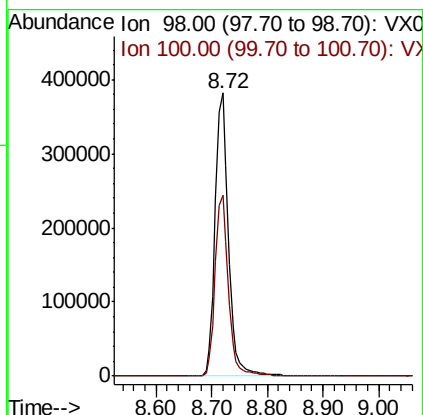
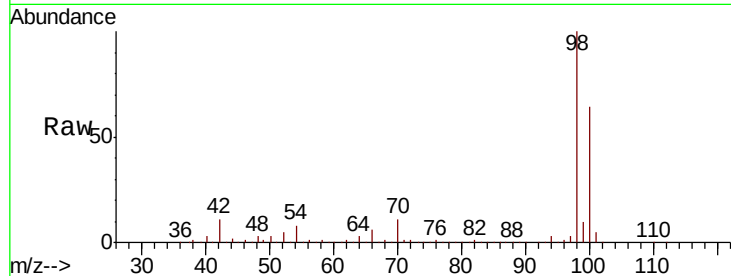




#50
Toluene-d8
Concen: 50.022 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

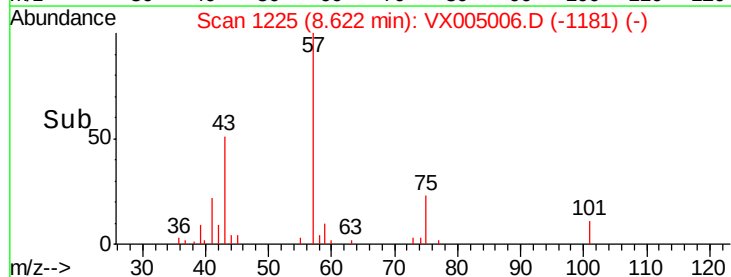
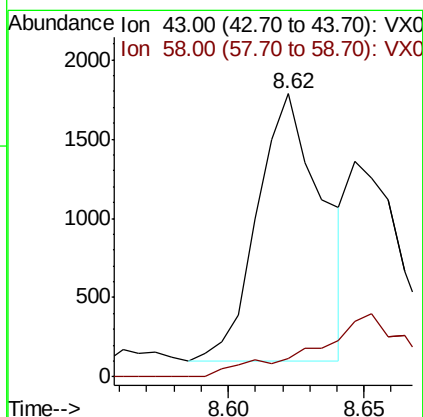
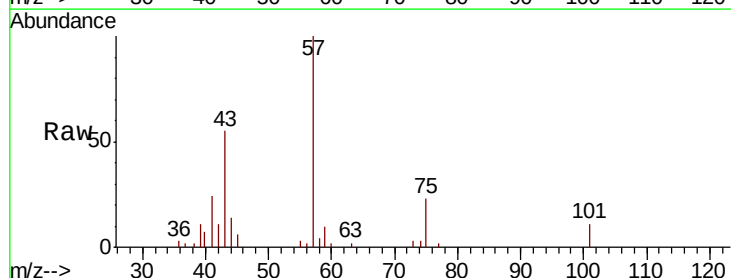
Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

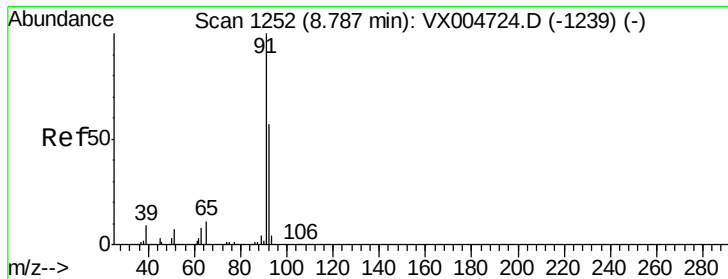
Tot Ion: 98 Resp: 641652
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 43 Resp: 2809
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#





#52

Toluene

Concen: 0.257 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

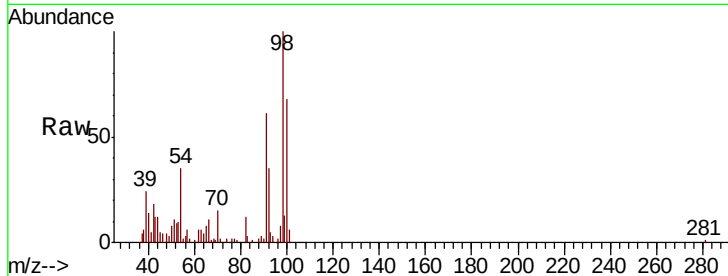
HR-06-100218-A

Tot Ion: 92 Resp: 2331

Ion Ratio Lower Upper

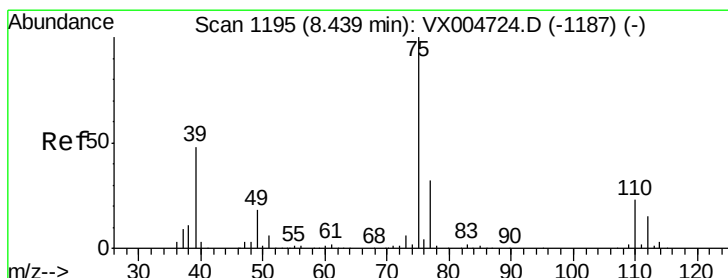
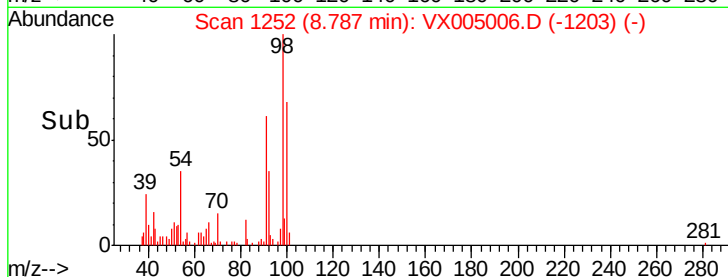
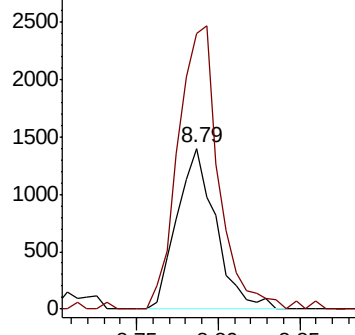
92 100

91 183.9 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.265 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

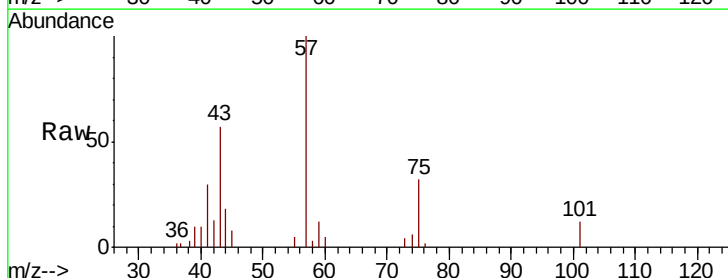
Tgt Ion: 75 Resp: 1493

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

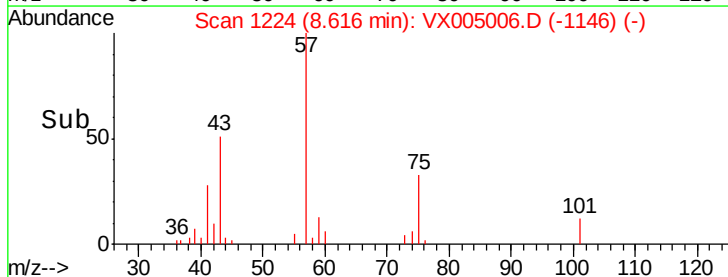
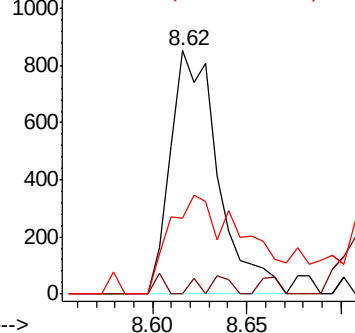
39 31.3 38.3 57.5#

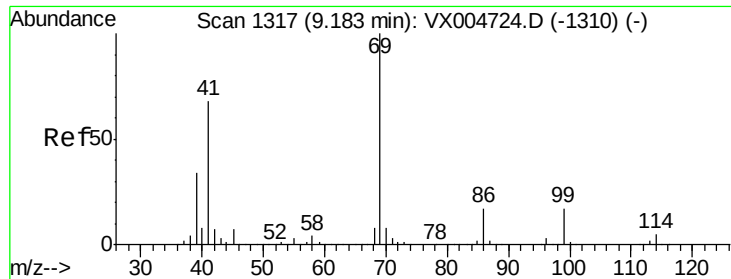


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.882 ug/l

RT: 9.06 min Scan# 1297

Delta R.T. -0.12 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampled :

HR-06-100218-A

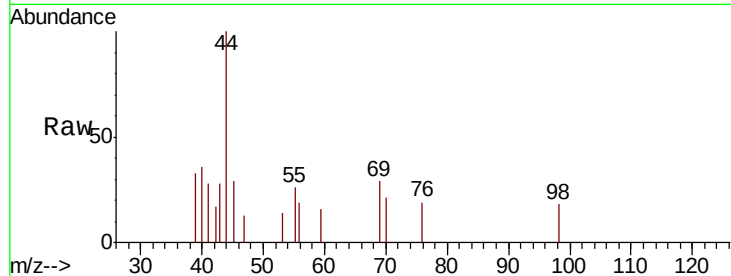
Tot Ion: 69 Resp: 134

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

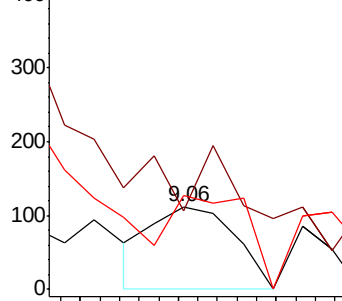
39 100.7 28.4 42.6#



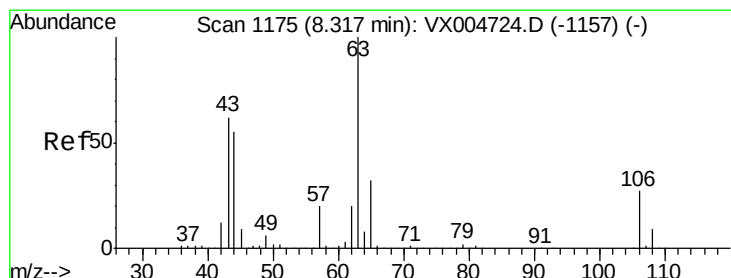
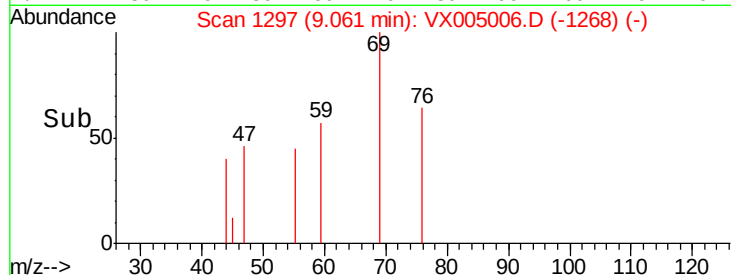
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 14.247 ug/l

RT: 8.20 min Scan# 1155

Delta R.T. -0.12 min

Lab File: VX005006.D

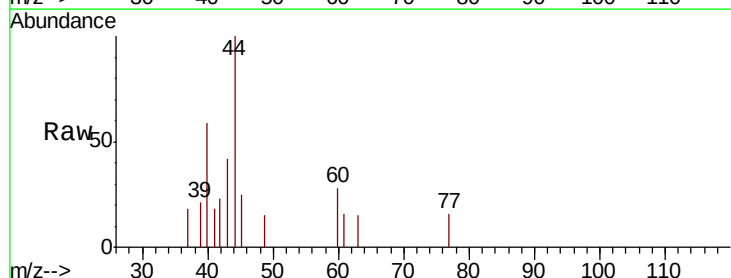
Acq: 04 Oct 2018 08:41

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

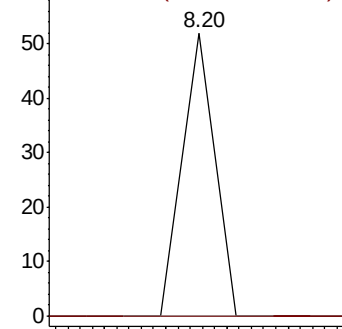
63 100

106 0.0 21.0 31.6#

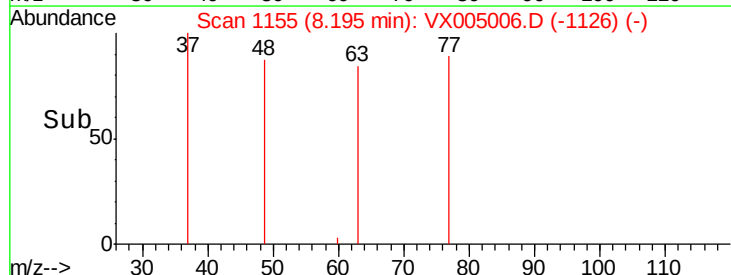


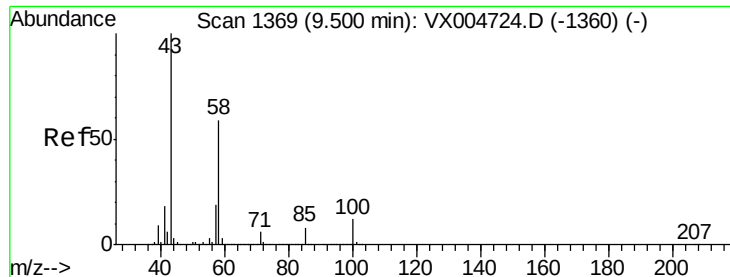
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

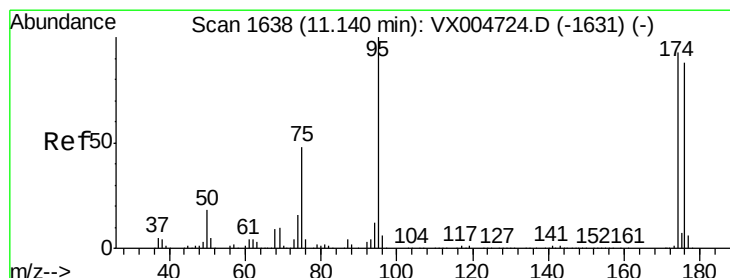
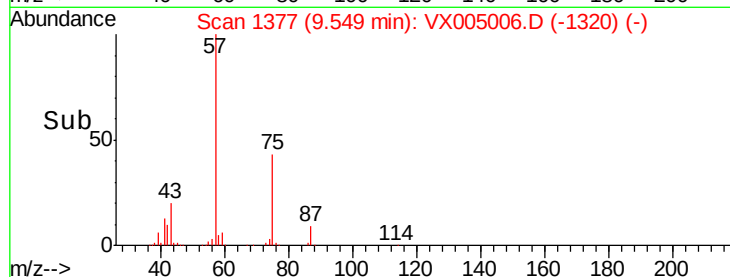
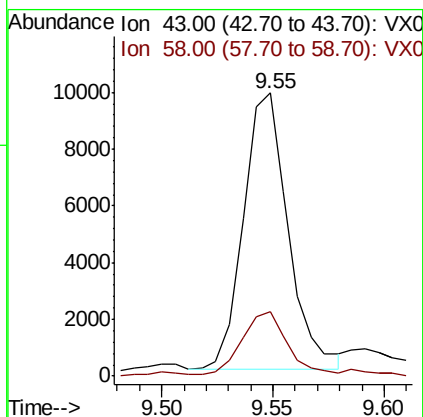
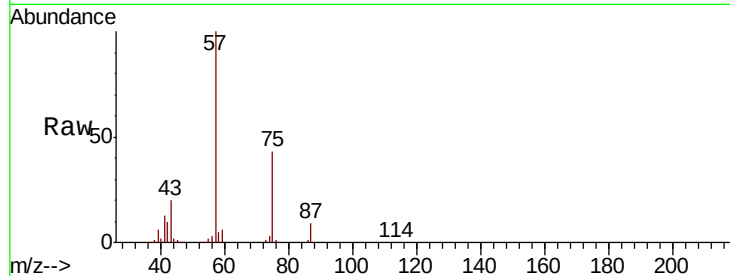




#59
2-Hexanone
Concen: 2.557 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

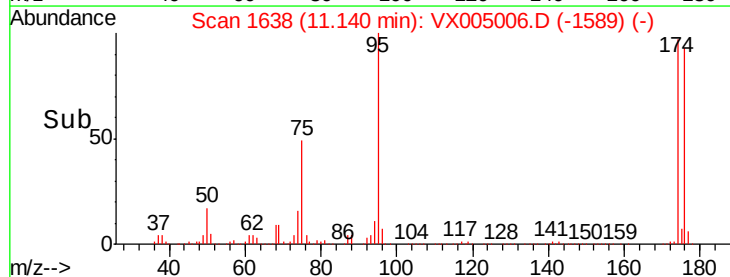
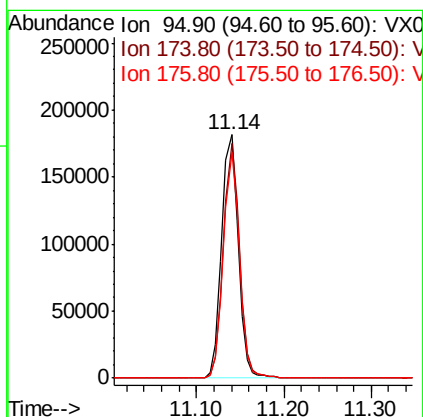
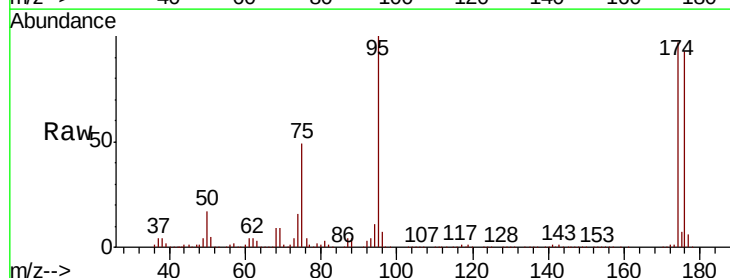
Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

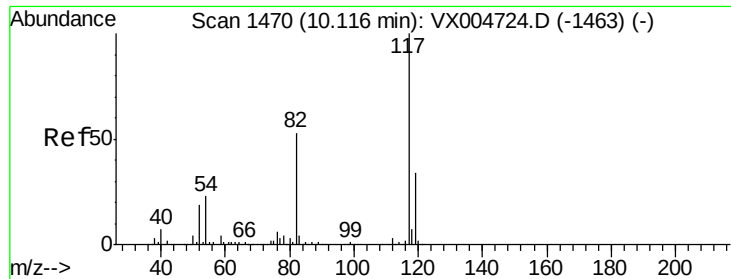
Tot Ion: 43 Resp: 13532
Ion Ratio Lower Upper
43 100
58 25.9 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 51.745 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 95 Resp: 239123
Ion Ratio Lower Upper
95 100
174 93.4 0.0 185.0
176 89.7 0.0 180.2

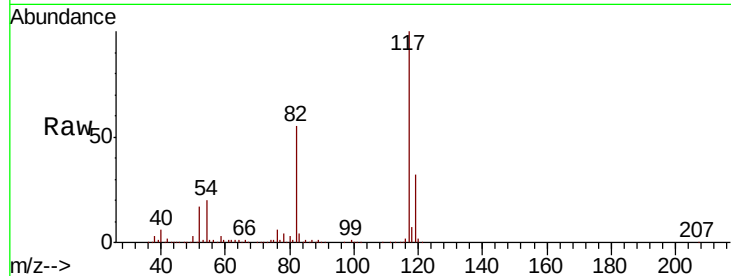




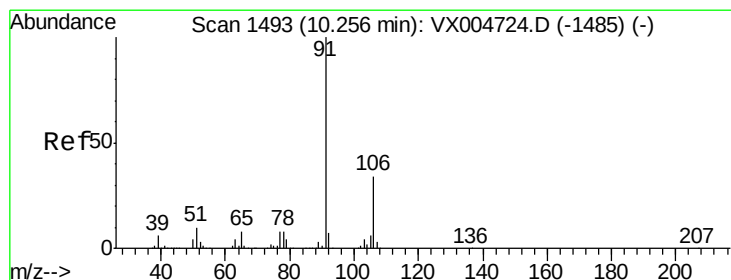
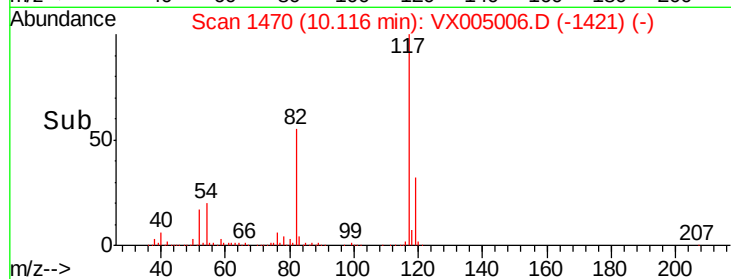
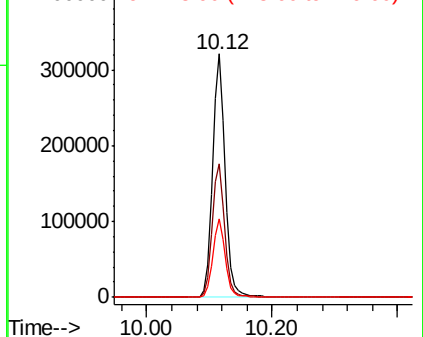
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

Tot Ion:117 Resp: 441537
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.2 27.4 41.0

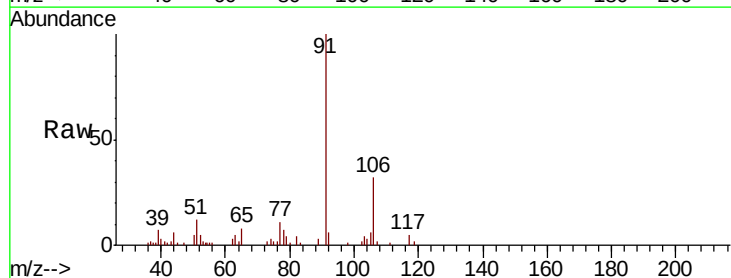


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

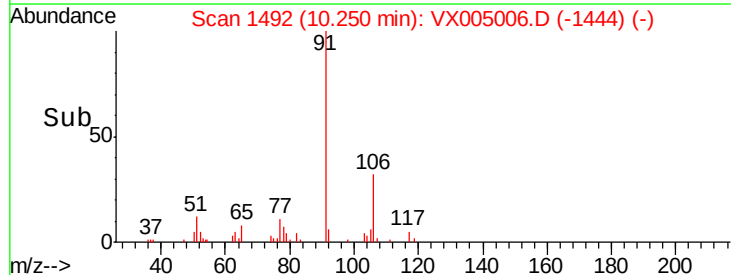
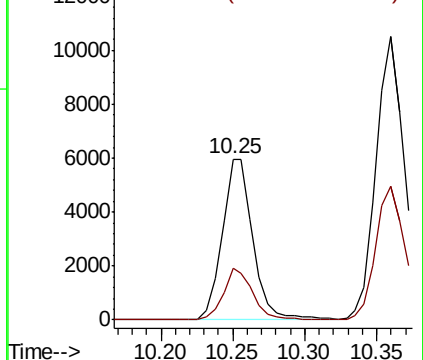


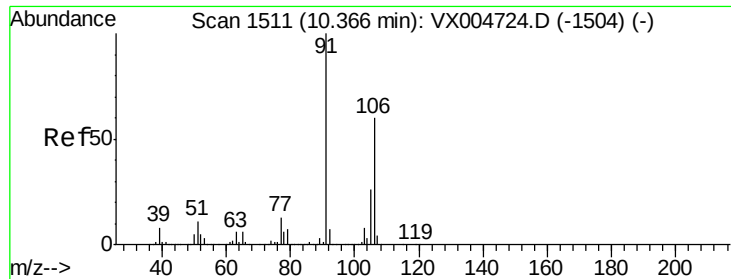
#67
Ethyl Benzene
Concen: 0.497 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 91 Resp: 8928
Ion Ratio Lower Upper
91 100
106 32.1 26.9 40.3



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

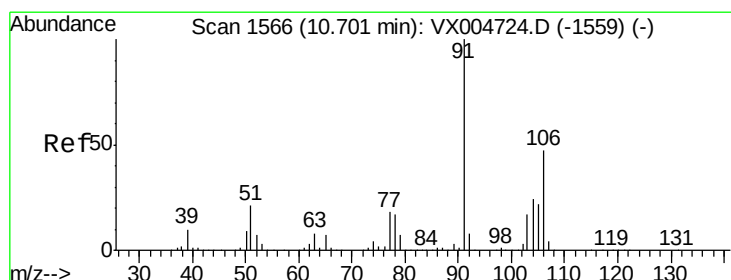
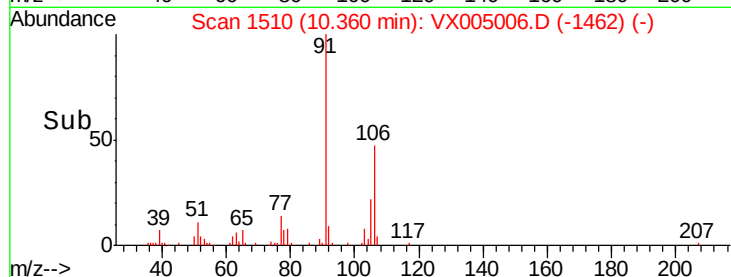
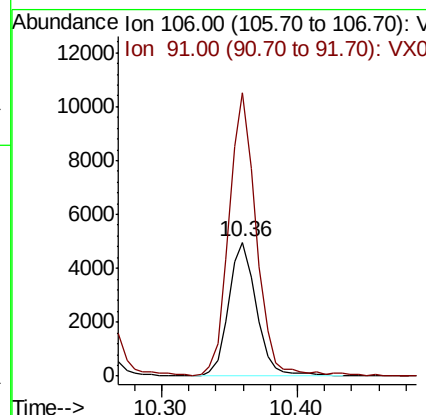
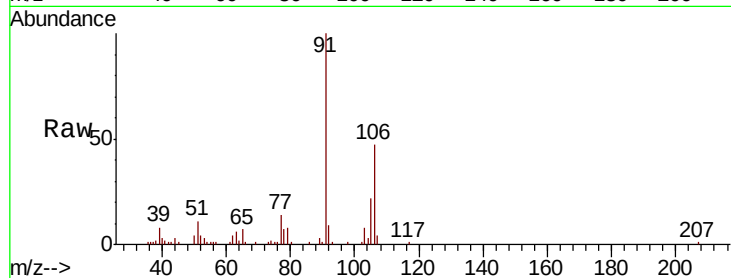




#68
m/p-Xylenes
Concen: 1.008 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

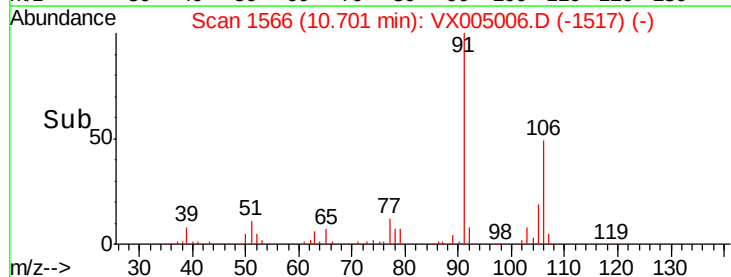
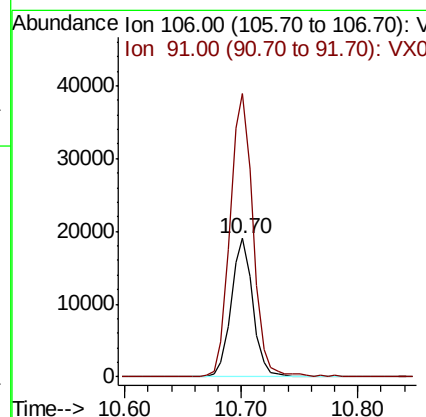
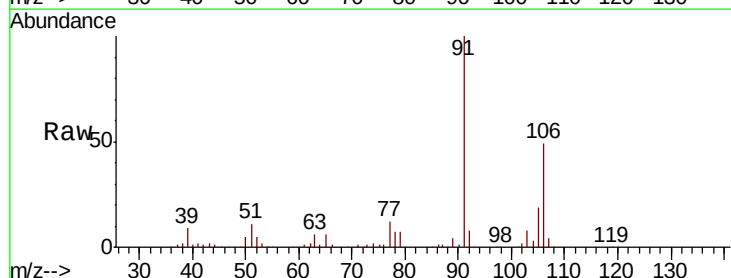
Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

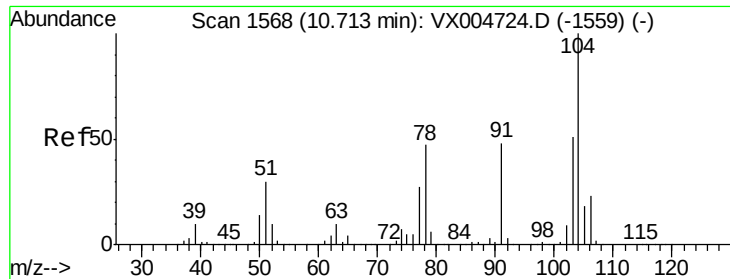
Tot Ion:106 Resp: 7077
Ion Ratio Lower Upper
106 100
91 209.0 157.5 236.3



#69
o-Xylene
Concen: 3.833 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion:106 Resp: 24728
Ion Ratio Lower Upper
106 100
91 214.7 108.3 324.8





#70

Stvrene

Concen: 2.273 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

HR-06-100218-A

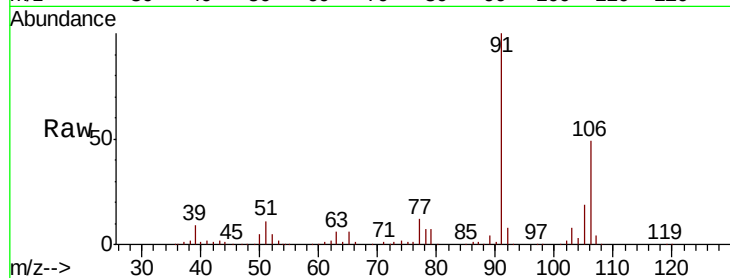
Tot Ion:104 Resp: 1667

Ion Ratio Lower Upper

104 100

78 221.2 40.0 60.0#

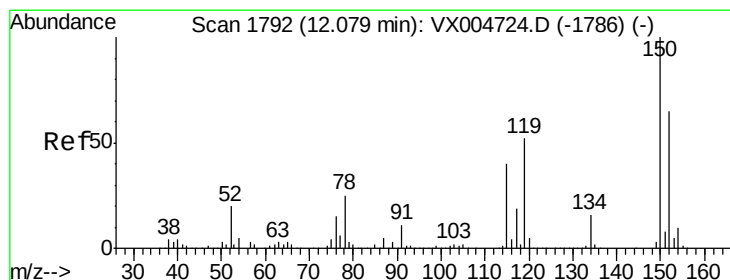
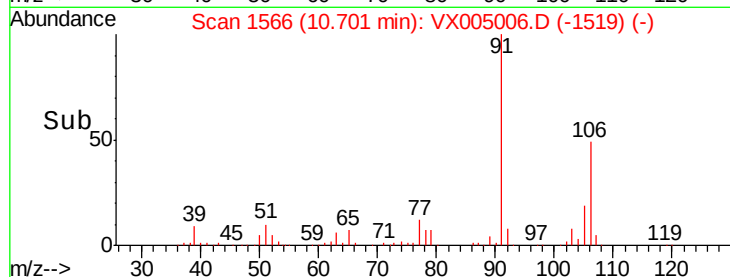
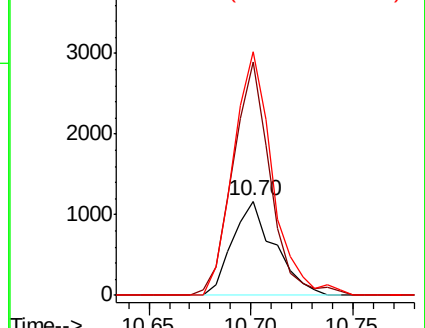
103 242.5 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

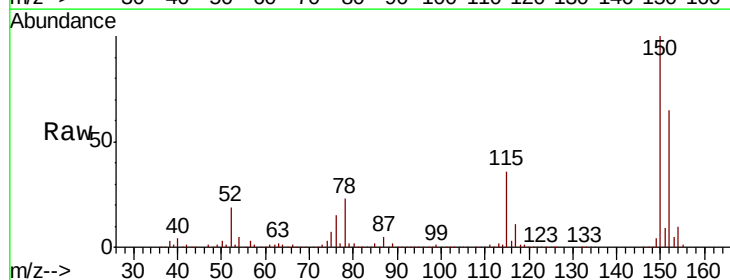
Tgt Ion:152 Resp: 257863

Ion Ratio Lower Upper

152 100

115 55.4 40.2 120.6

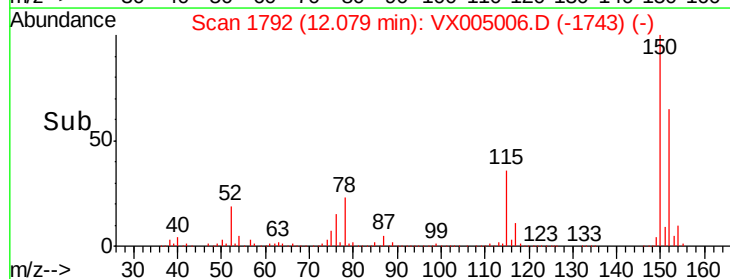
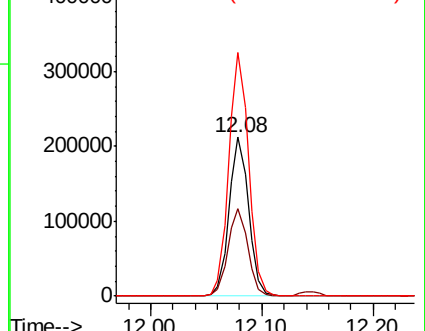
150 155.5 0.0 351.0

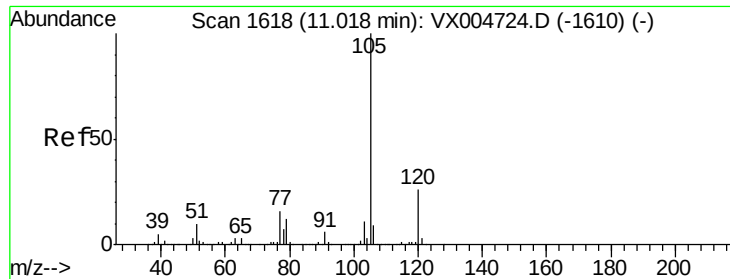


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

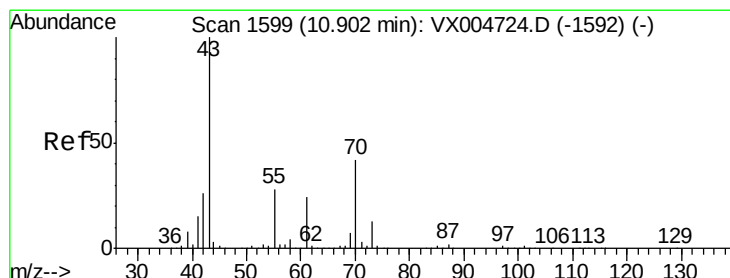
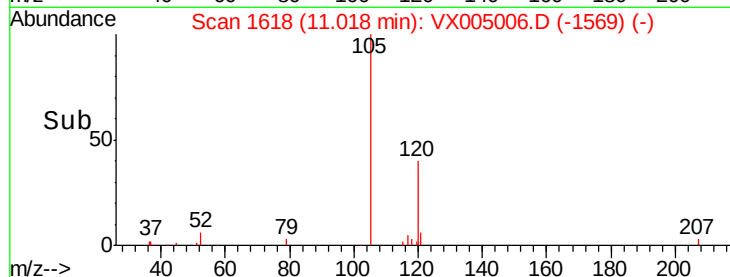
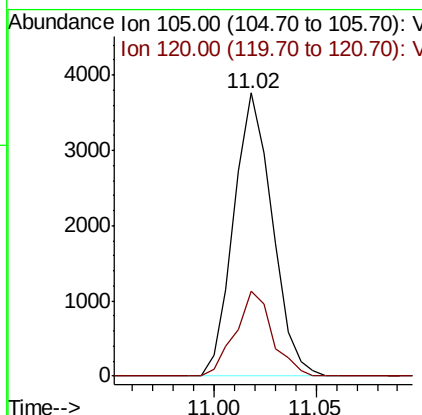
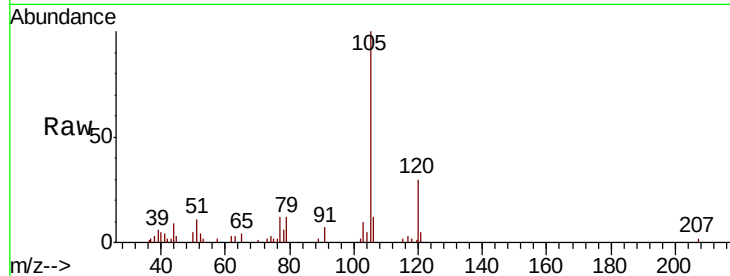




#73
Isopropylbenzene
Concen: 0.304 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

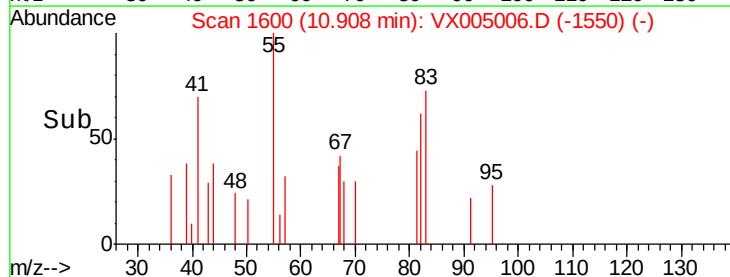
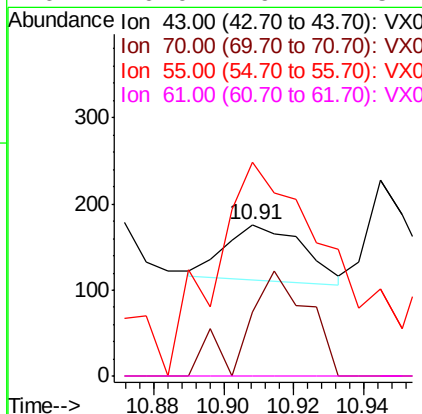
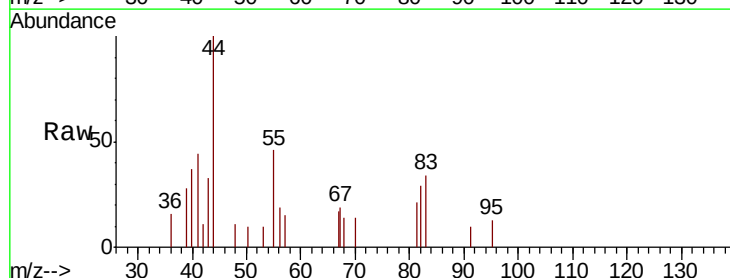
Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

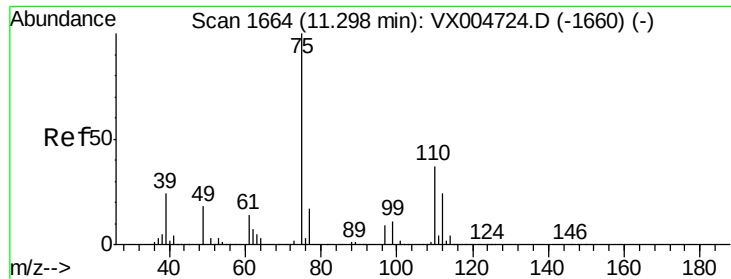
Tot Ion:105 Resp: 4934
Ion Ratio Lower Upper
105 100
120 28.7 13.2 39.5



#74
N-ethyl acetate
Concen: 1.759 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
70 152.5 32.6 48.8#
55 685.9 21.6 32.4#
61 0.0 19.1 28.7#

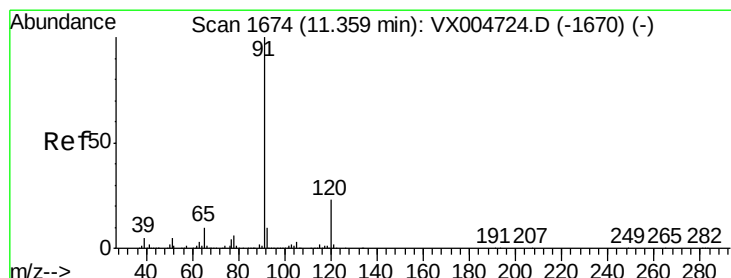
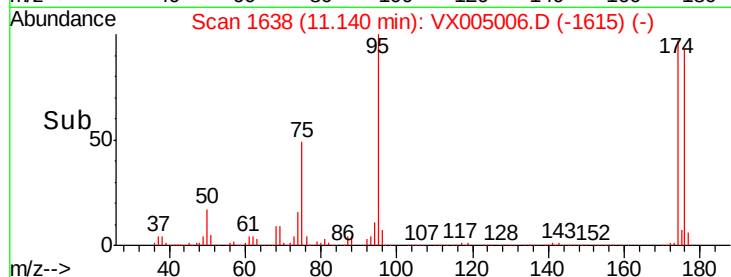
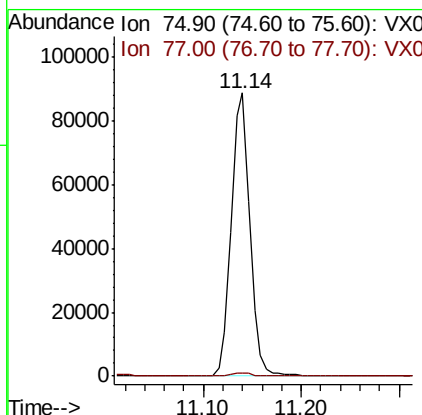
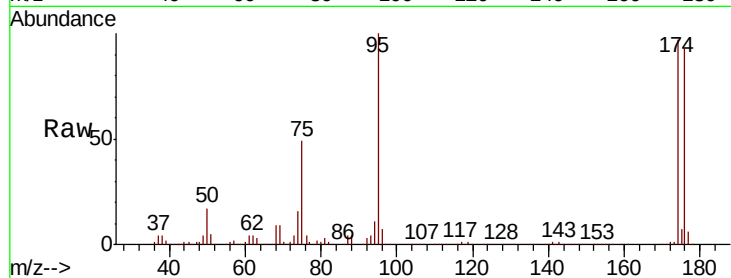




#76
 1,2,3-Trichloropropane
 Concen: 20.306 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

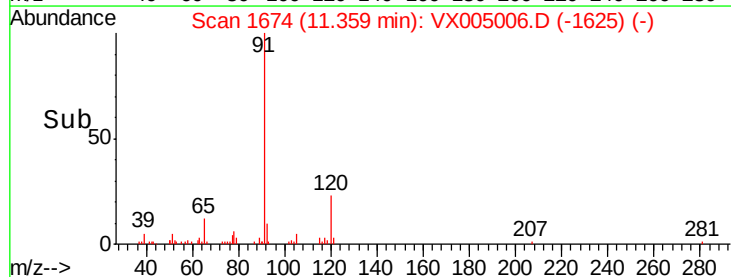
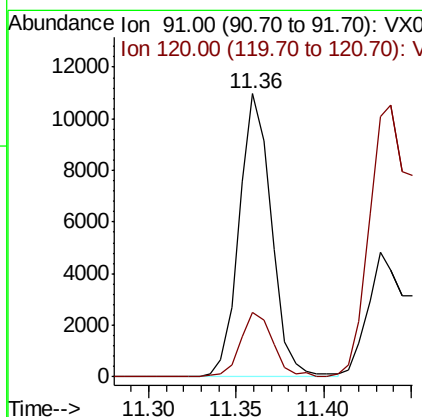
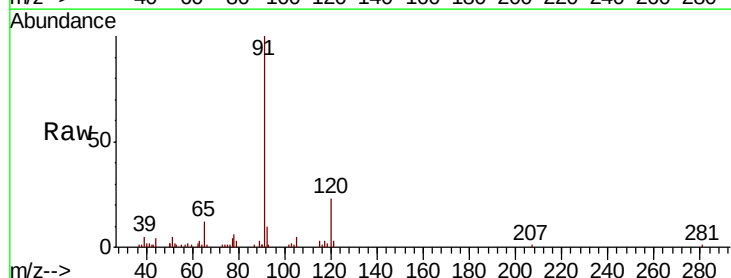
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-100218-A

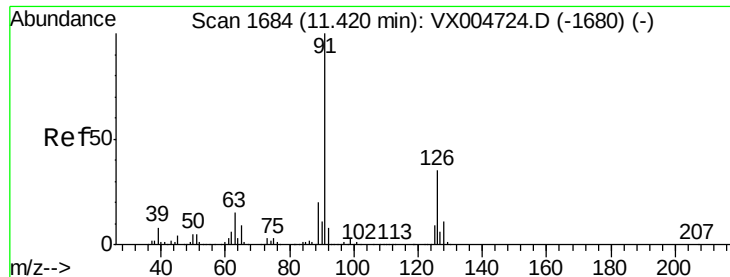
Tot Ion: 75 Resp: 117362
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.4 64.3#



#78
 n-propylbenzene
 Concen: 0.757 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

Tgt Ion: 91 Resp: 14119
 Ion Ratio Lower Upper
 91 100
 120 22.9 12.0 36.0





#79

2-Chlorotoluene

Concen: 0.805 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

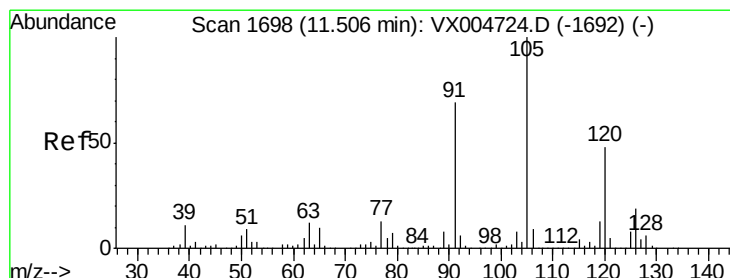
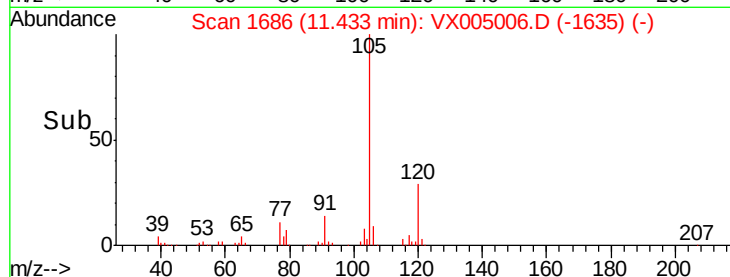
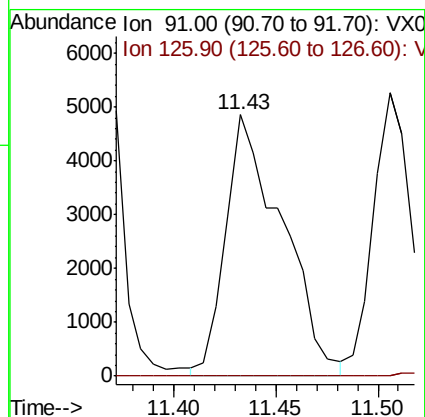
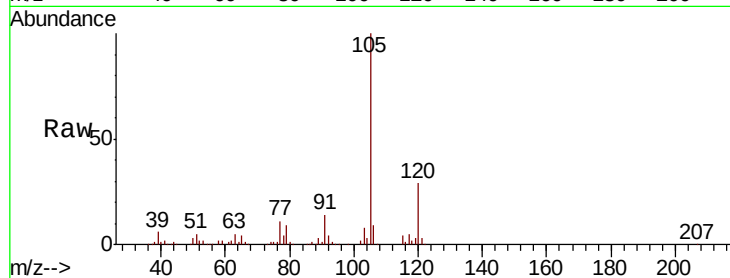
HR-06-100218-A

Tot Ion: 91 Resp: 9360

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.9#



#80

1,3,5-Trimethylbenzene

Concen: 4.171 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005006.D

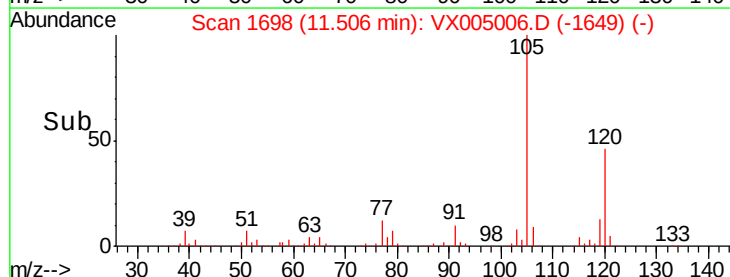
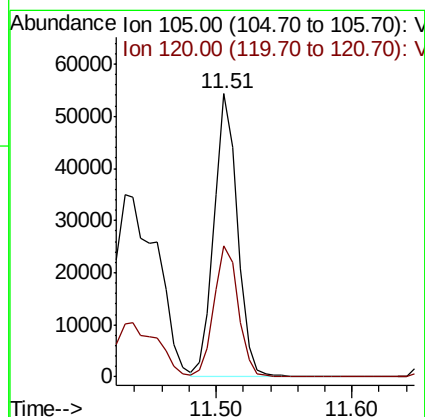
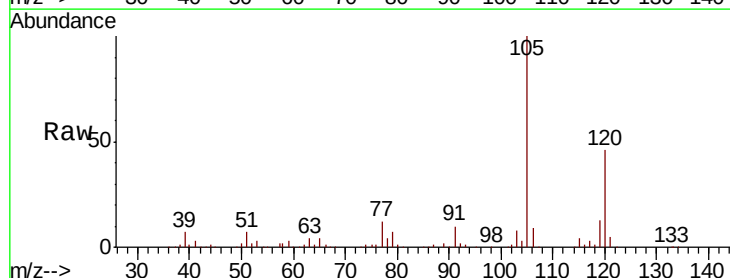
Acq: 04 Oct 2018 08:41

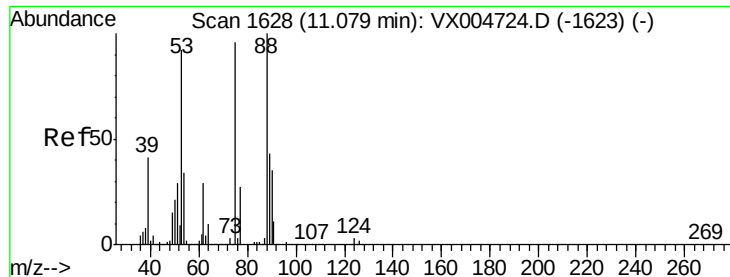
Tgt Ion: 105 Resp: 64830

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.168 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

HR-06-100218-A

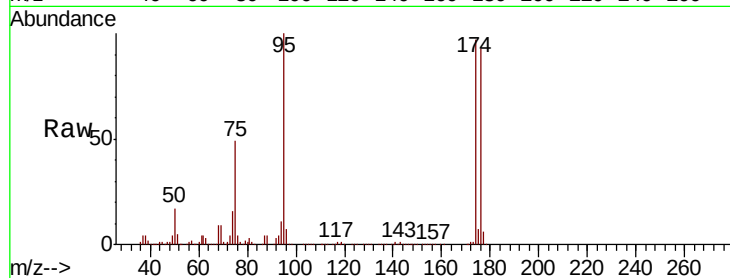
Tot Ion: 75 Resp: 117362

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.4#

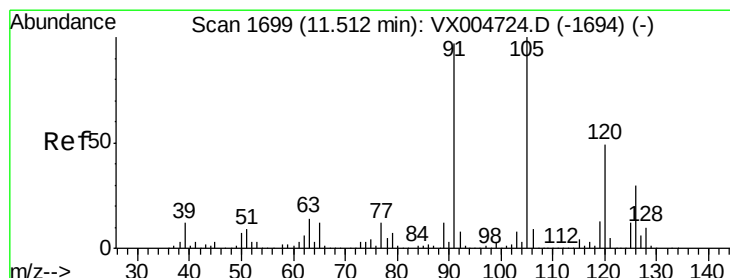
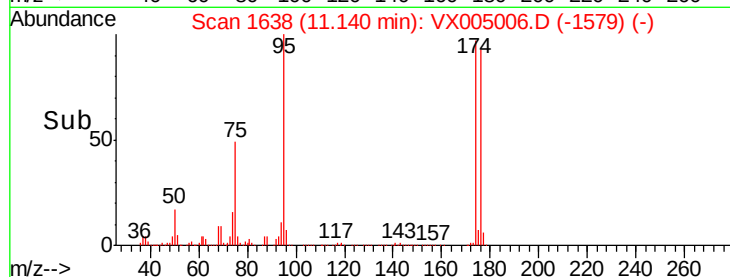
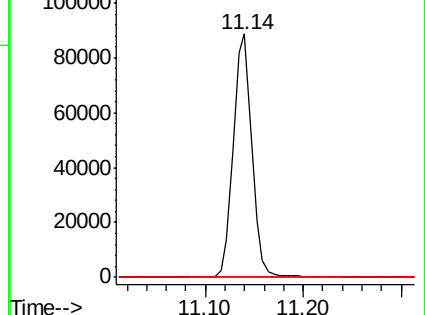
89 0.0 37.1 55.7#



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: 0.507 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005006.D

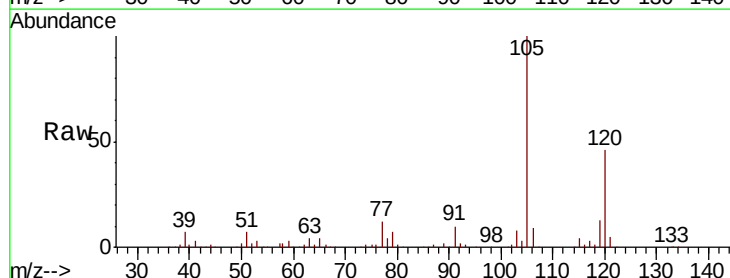
Acq: 04 Oct 2018 08:41

Tgt Ion: 91 Resp: 6937

Ion Ratio Lower Upper

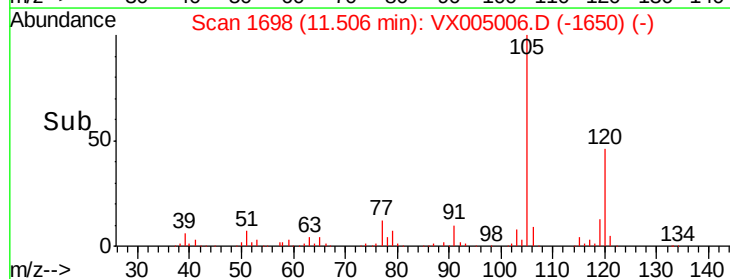
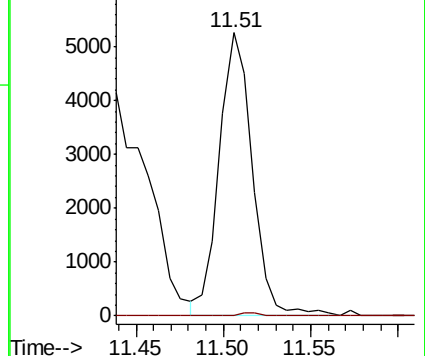
91 100

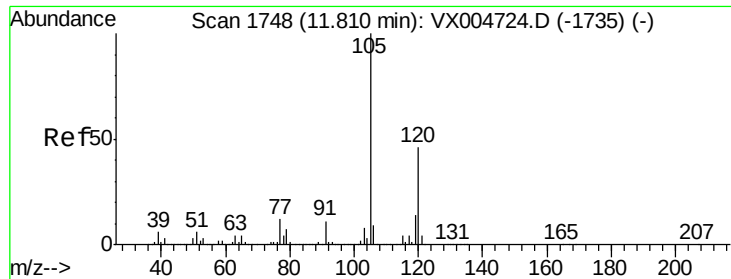
126 0.6 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

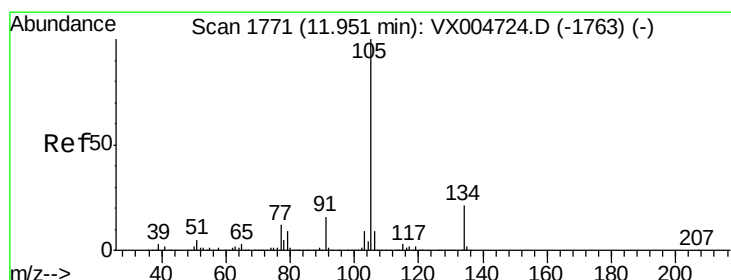
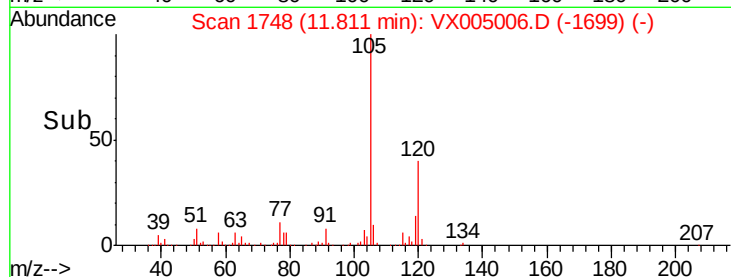
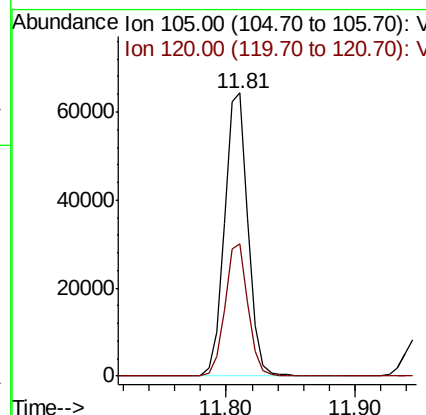
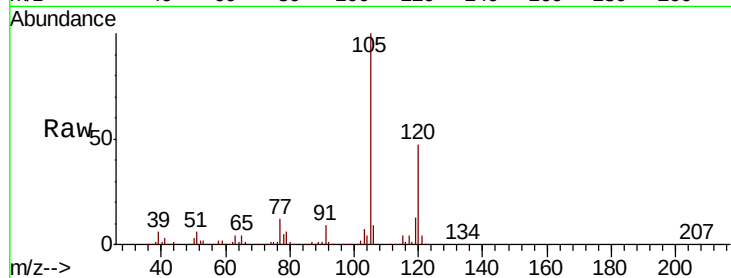




#84
 1,2,4-Trimethylbenzene
 Concen: 5.197 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

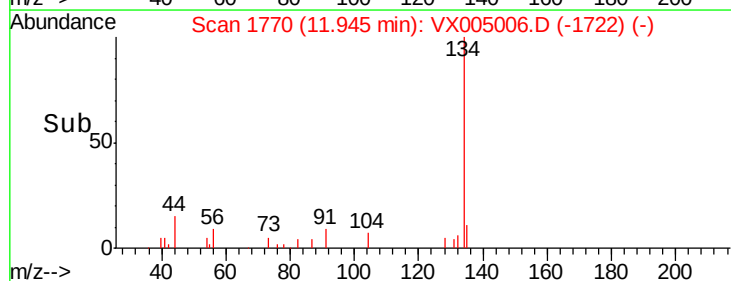
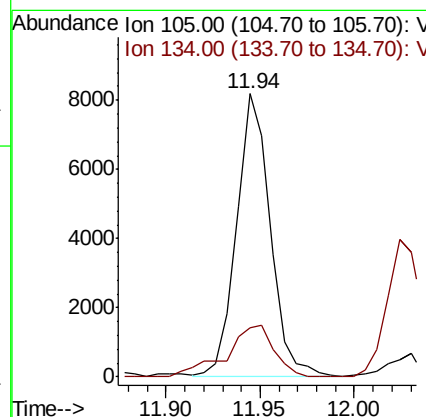
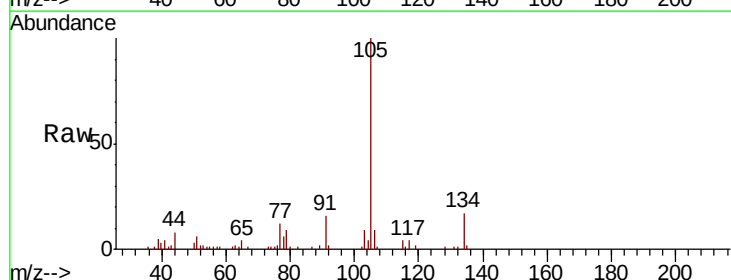
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-100218-A

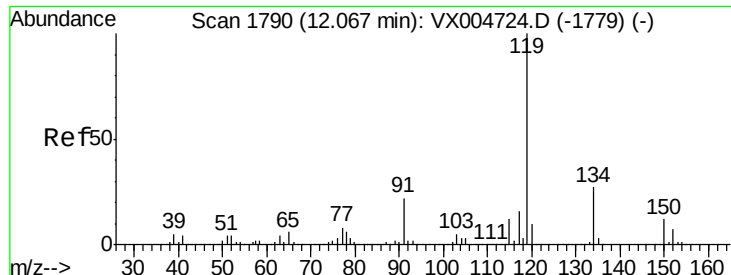
Tot Ion:105 Resp: 82556
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 0.624 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005006.D
 Acq: 04 Oct 2018 08:41

Tgt Ion:105 Resp: 10175
 Ion Ratio Lower Upper
 105 100
 134 25.7 10.2 30.4

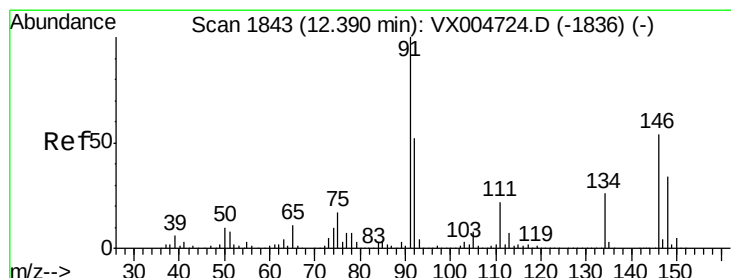
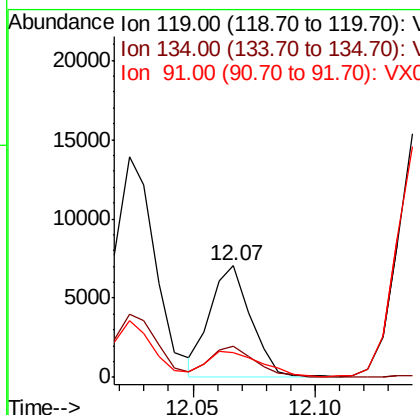
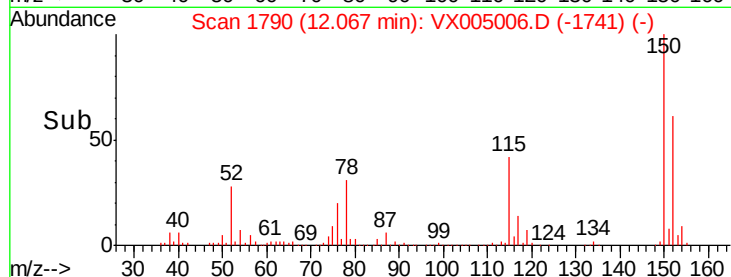
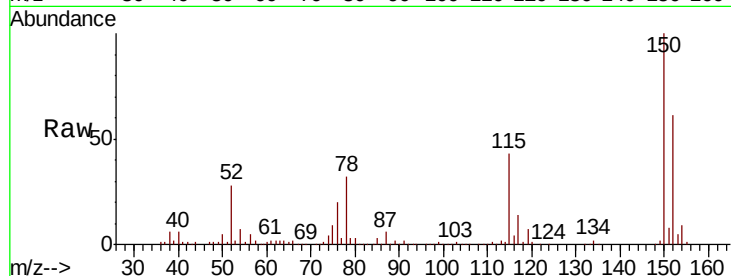




#86
p-Isopropyltoluene
Concen: 0.547 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

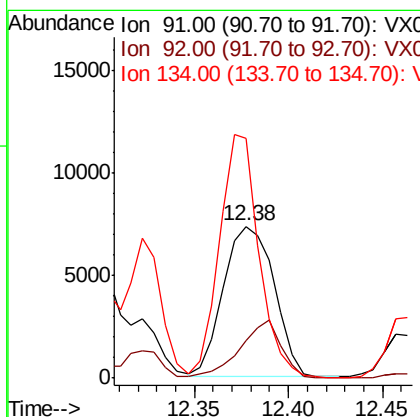
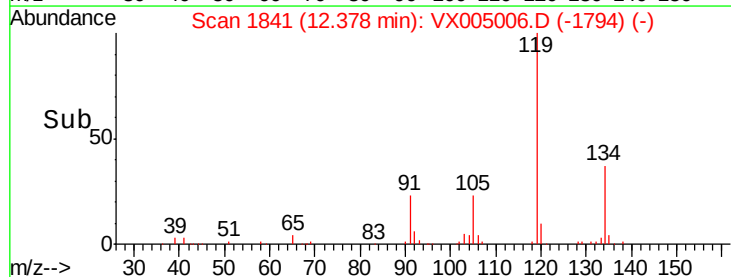
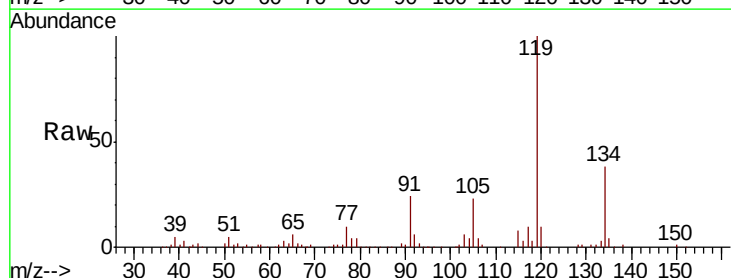
Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

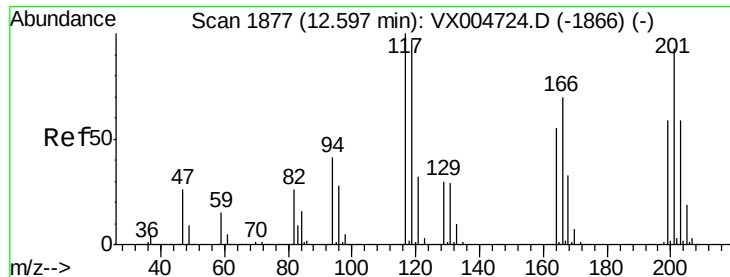
Tot Ion:119 Resp: 8083
Ion Ratio Lower Upper
119 100
134 31.8 13.4 40.1
91 31.8 11.5 34.4



#89
n-Butylbenzene
Concen: 1.017 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Tgt Ion: 91 Resp: 13641
Ion Ratio Lower Upper
91 100
92 31.5 26.0 78.0
134 126.5 13.2 39.6#





#90

Hexachloroethane

Concen: 1.226 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

Instrument :

MSVOA_X

ClientSampleId :

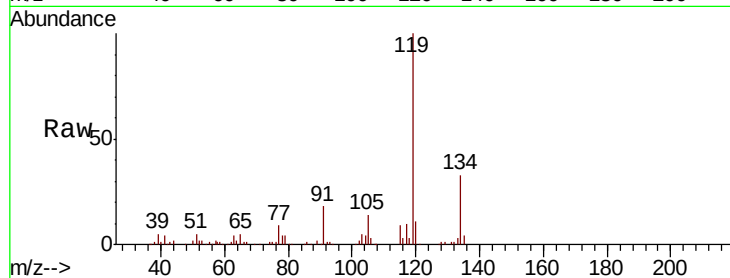
HR-06-100218-A

Tot Ion:117 Resp: 3014

Ion Ratio Lower Upper

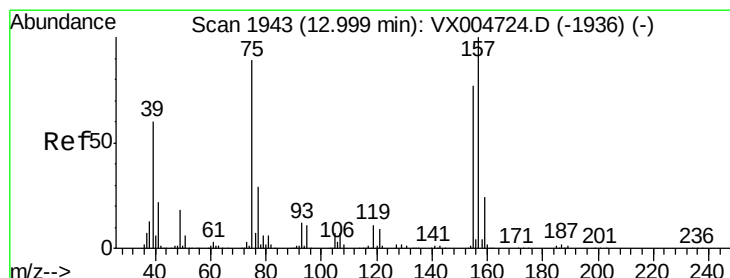
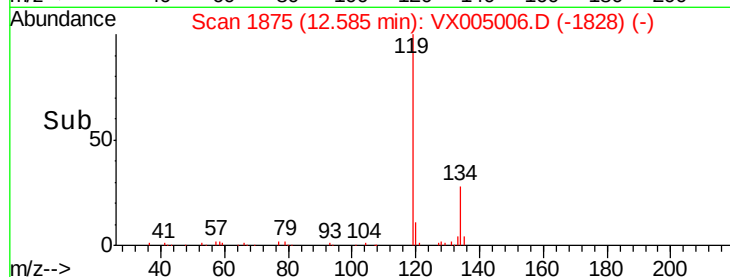
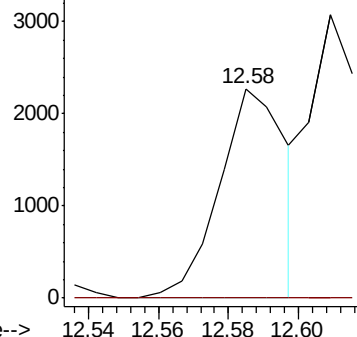
117 100

201 0.0 48.4 145.0#



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: 0.309 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005006.D

Acq: 04 Oct 2018 08:41

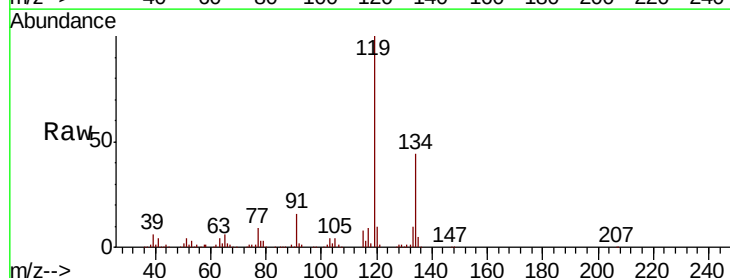
Tgt Ion: 75 Resp: 449

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

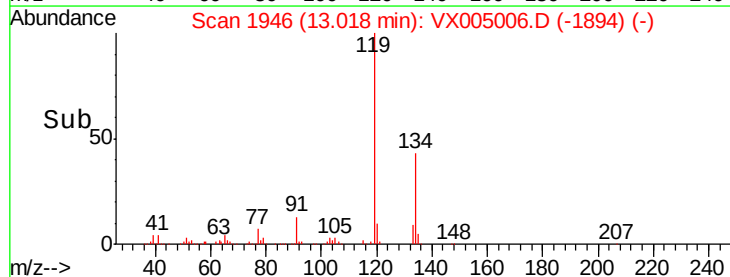
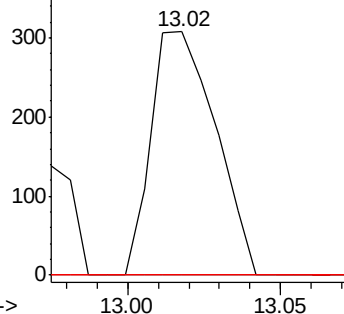
157 0.0 60.2 180.6#

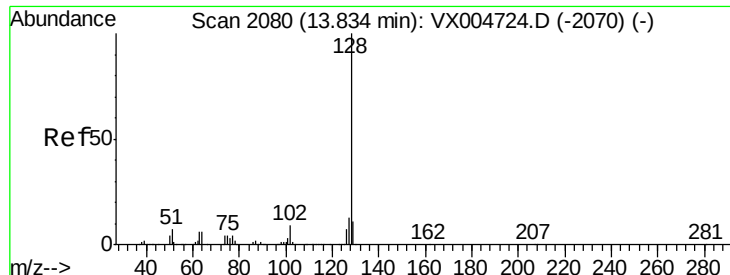


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 1.693 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005006.D
Acq: 04 Oct 2018 08:41

Instrument :
MSVOA_X
ClientSampleId :
HR-06-100218-A

Tot Ion:128 Resp: 21186
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 13.9 8.7 13.1#

