

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004893.D
 Acq On : 02 Oct 2018 02:11
 Operator : JC/MD
 Sample : J5161-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7

Quant Time: Oct 03 13:20:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212305	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	167803	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
35) Dibromofluoromethane	5.51	113	140297	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	
50) Toluene-d8	8.72	98	532021	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	207262	55.90	ug/l	0.00
Spiked Amount			Recovery	=	111.80%	

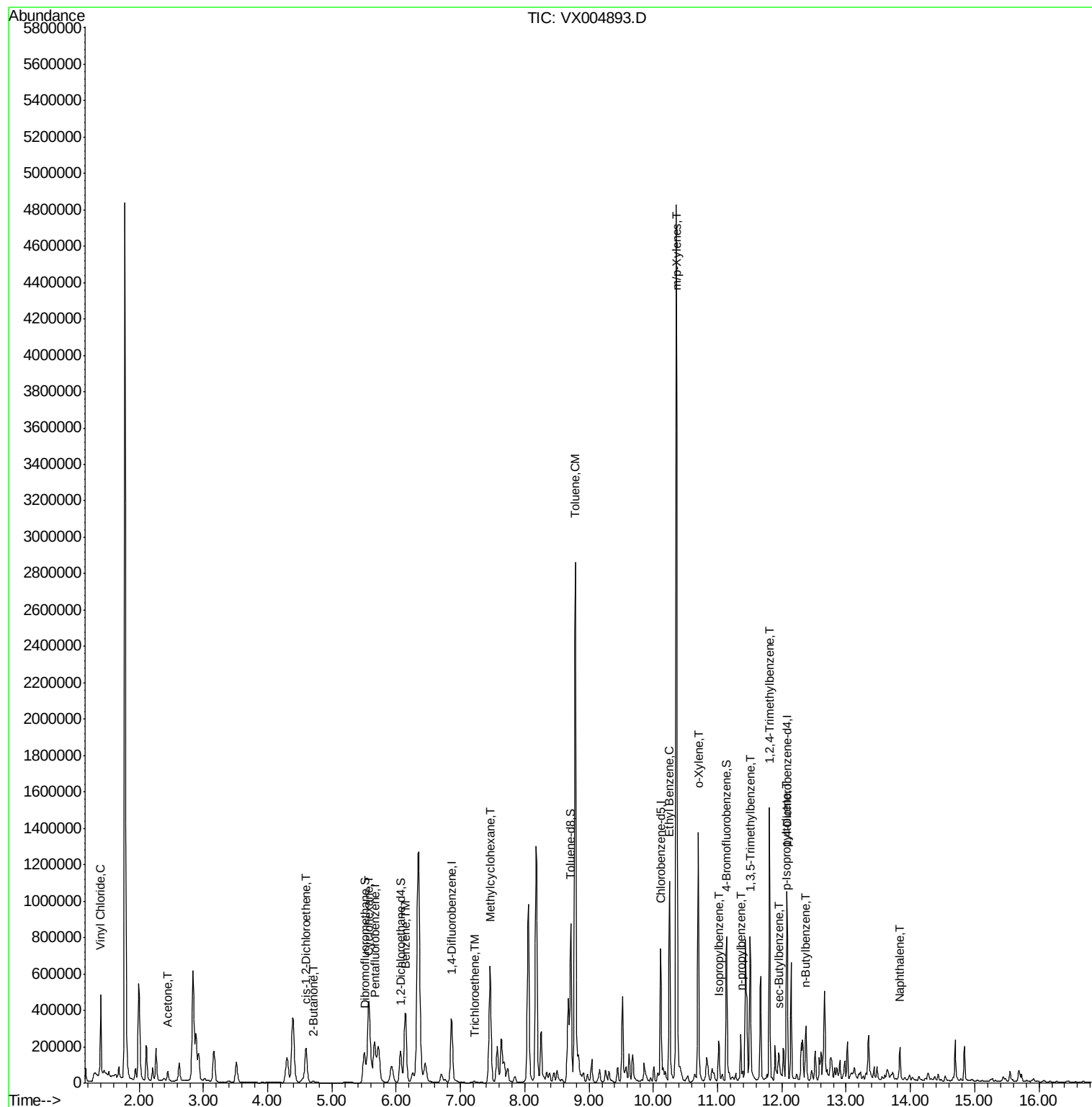
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	58662	16.395	ug/l	95
16) Acetone	2.45	43	56105	29.170	ug/l	97
25) 2-Butanone	4.71	43	16603	5.856	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	119641	39.151	ug/l	95
31) Cyclohexane	5.57	56	312968	74.663	ug/l	91
39) Methylcyclohexane	7.46	83	278178	64.496	ug/l	95
40) Benzene	6.15	78	468345	35.417	ug/l	100
44) Trichloroethene	7.21	130	3112	0.957	ug/l	95
52) Toluene	8.79	92	1123005	154.549	ug/l	98
67) Ethyl Benzene	10.25	91	688097	46.424	ug/l	96
68) m/p-Xylenes	10.36	106	1140149	196.849	ug/l	95
69) o-Xylene	10.70	106	296661	55.764	ug/l	97
73) Isopropylbenzene	11.02	105	113737	8.499	ug/l	99
78) n-propylbenzene	11.36	91	151601	9.874	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	323523	26.284	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	652542	51.597	ug/l	98
85) sec-Butylbenzene	11.94	105	42530	3.169	ug/l	79
86) p-Isopropyltoluene	12.07	119	40083	3.297	ug/l	95
89) n-Butylbenzene	12.38	91	41746	3.781	ug/l #	26
95) Naphthalene	13.83	128	109615	6.837	ug/l	97

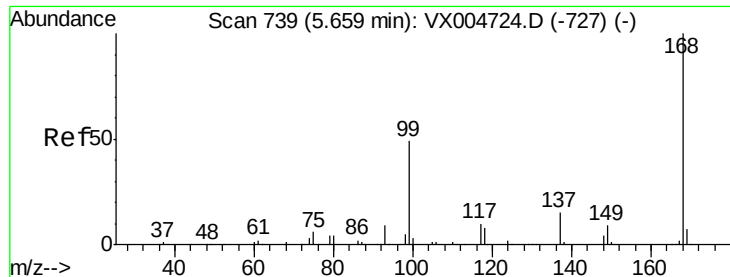
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

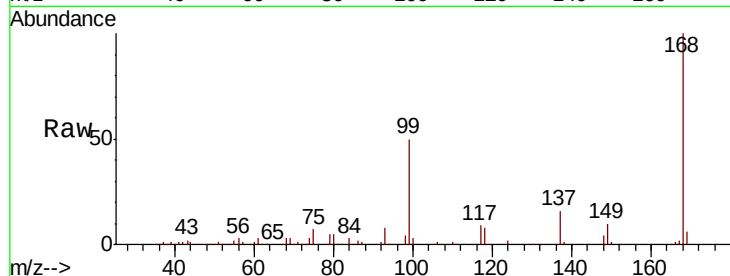
FA18-JEBS-7

Tot Ion:168 Resp: 230624

Ion Ratio Lower Upper

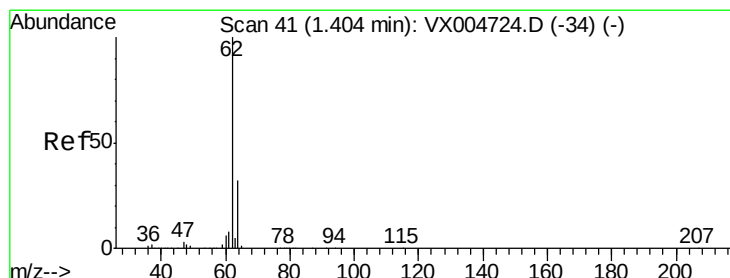
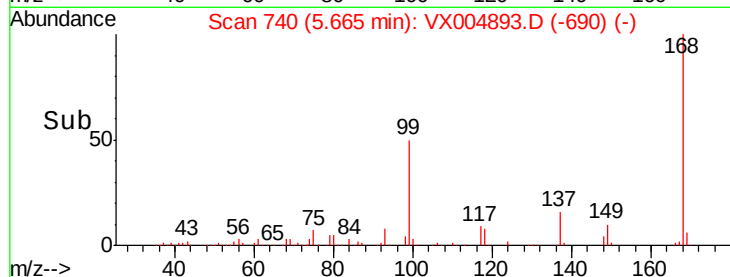
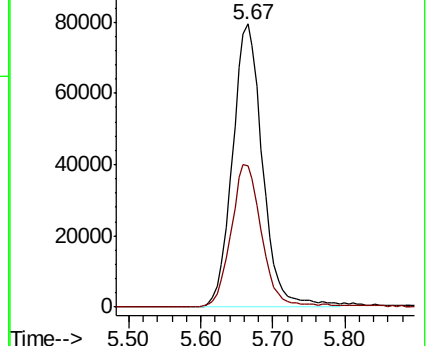
168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 16.395 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004893.D

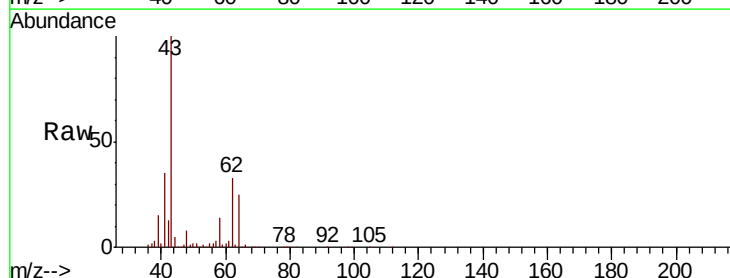
Acq: 02 Oct 2018 02:11

Tgt Ion: 62 Resp: 58662

Ion Ratio Lower Upper

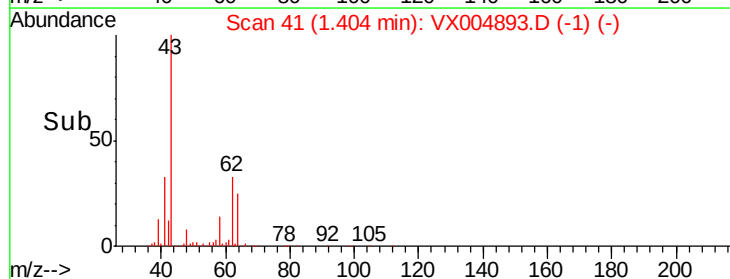
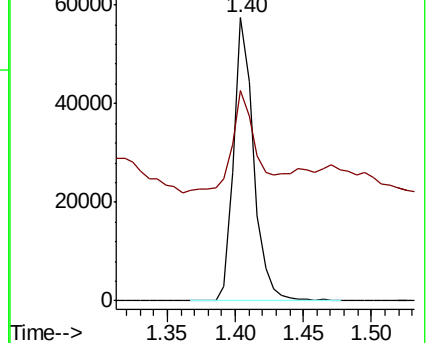
62 100

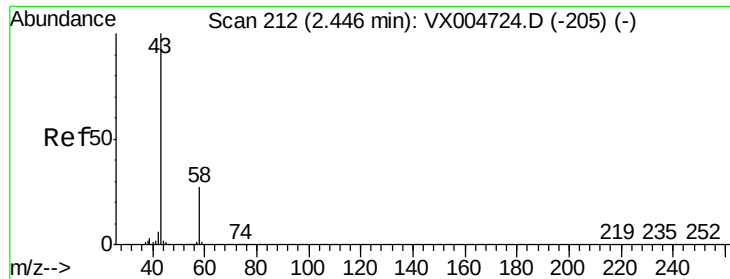
64 35.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

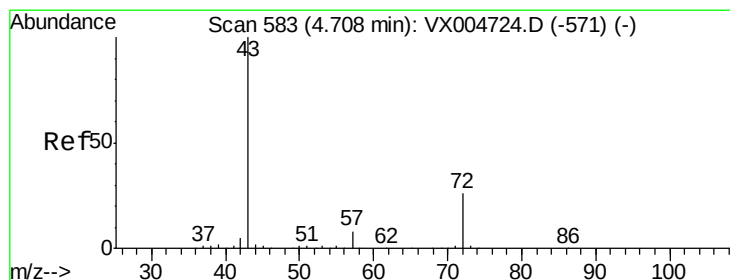
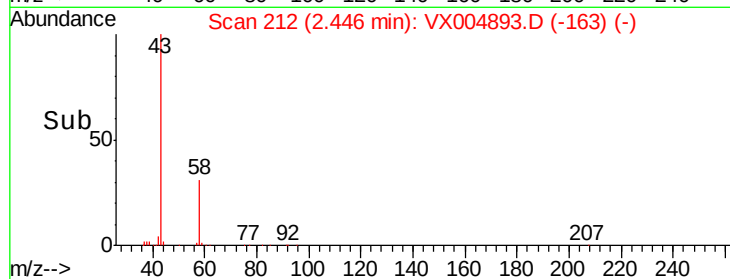
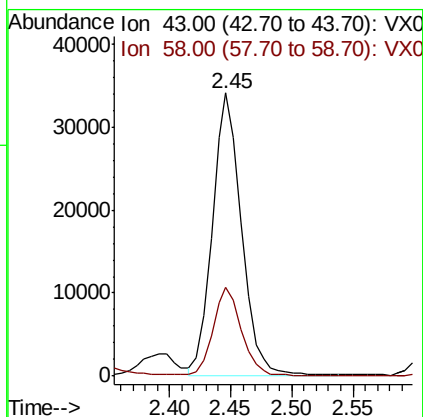
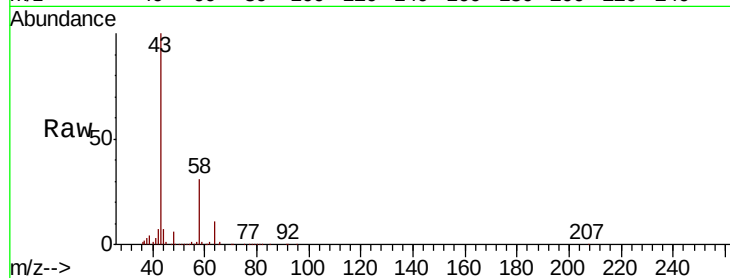




#16
Acetone
Concen: 29.170 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

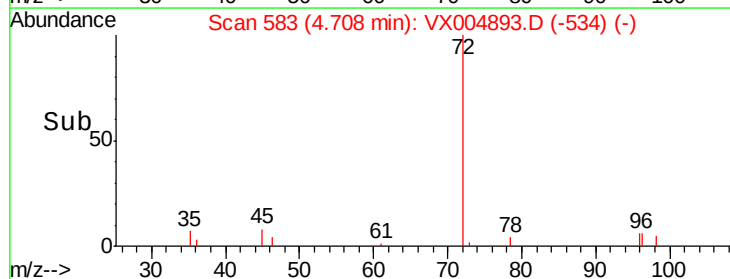
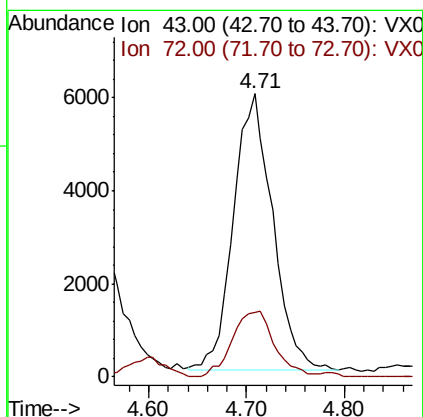
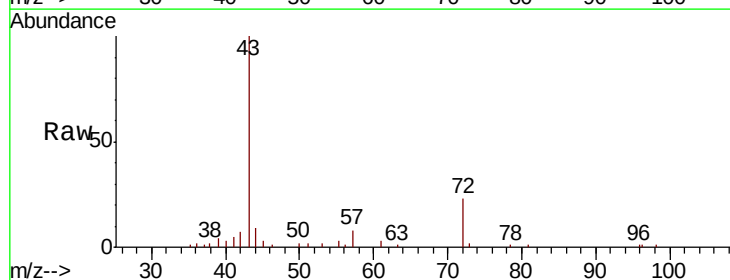
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

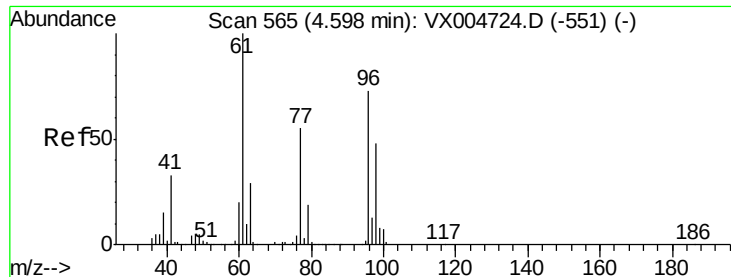
Tot Ion: 43 Resp: 56105
Ion Ratio Lower Upper
43 100
58 31.2 26.2 39.4



#25
2-Butanone
Concen: 5.856 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Tgt Ion: 43 Resp: 16603
Ion Ratio Lower Upper
43 100
72 23.5 22.0 33.0



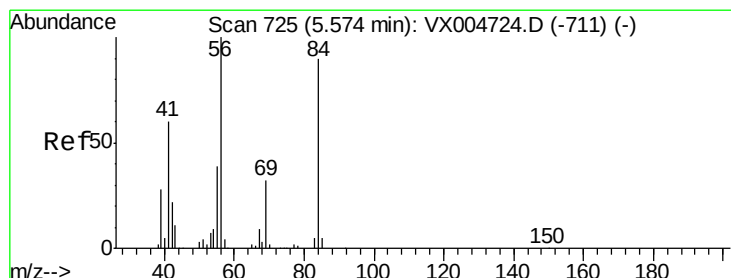
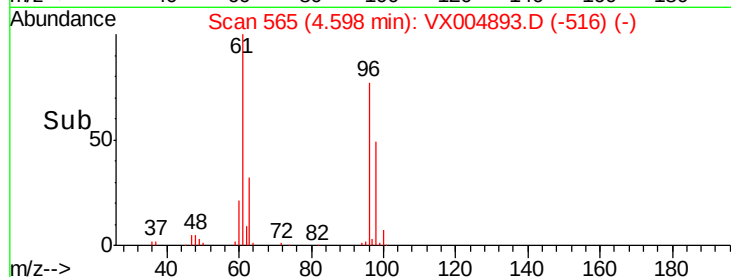
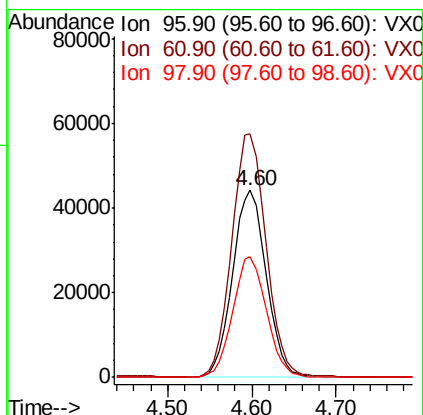
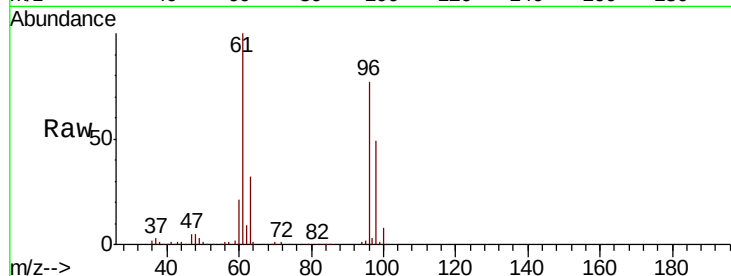


#27

cis-1,2-Dichloroethene
 Concen: 39.151 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7

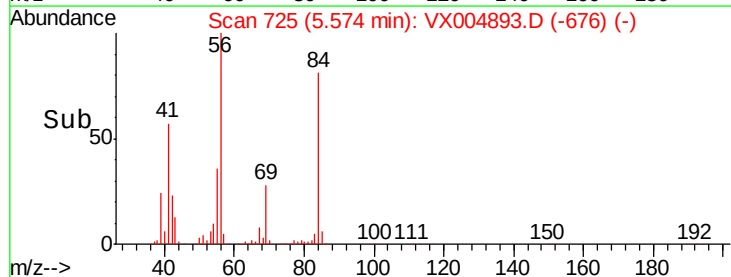
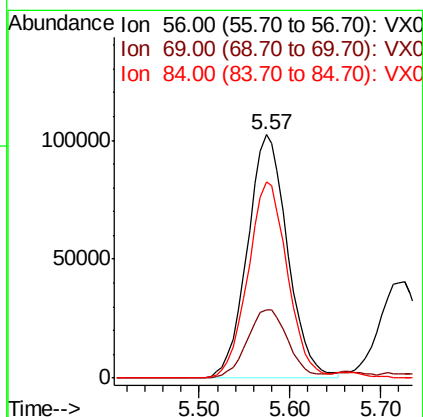
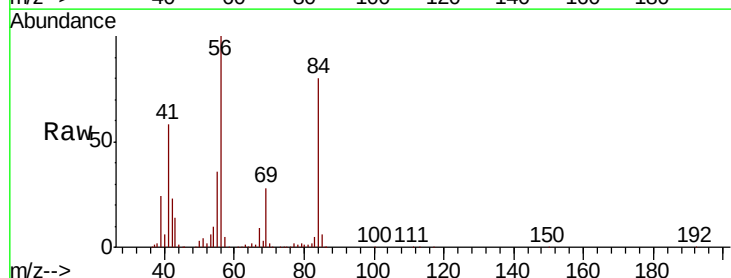
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	282.6
98	64.4	0.0	130.2

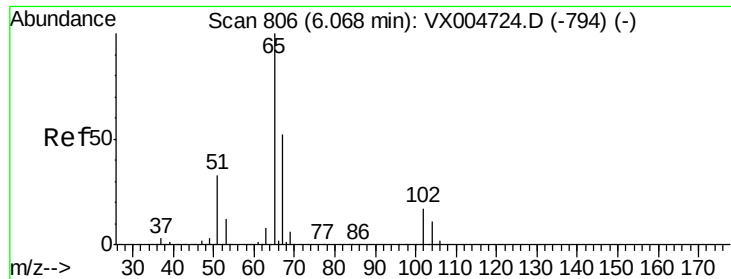


#31

Cyclohexane
 Concen: 74.663 ug/l
 RT: 5.57 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.0	25.4	38.2
84	80.5	71.4	107.2





#33

1,2-Dichloroethane-d4

Concen: 50.935 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

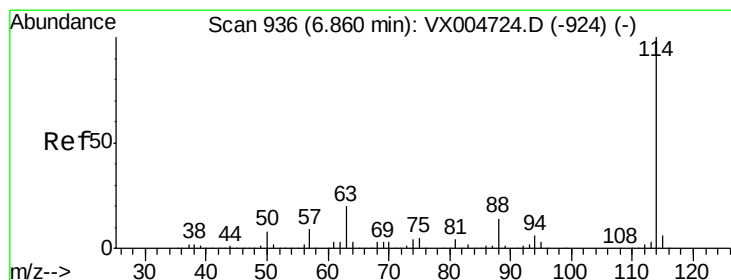
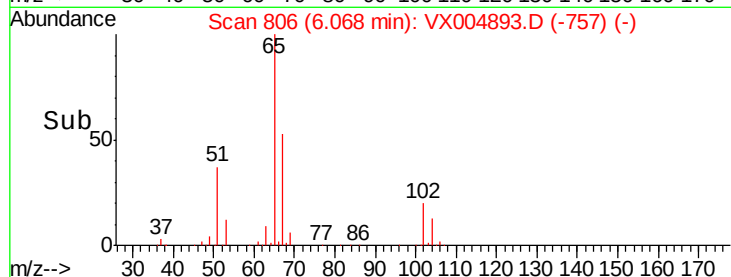
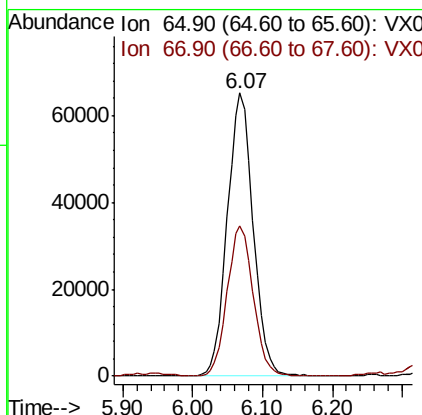
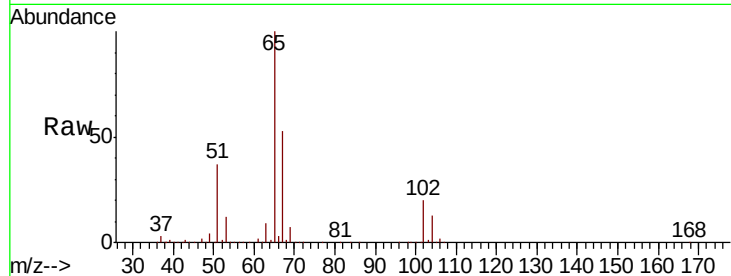
Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

Tot Ion: 65 Resp: 167803

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

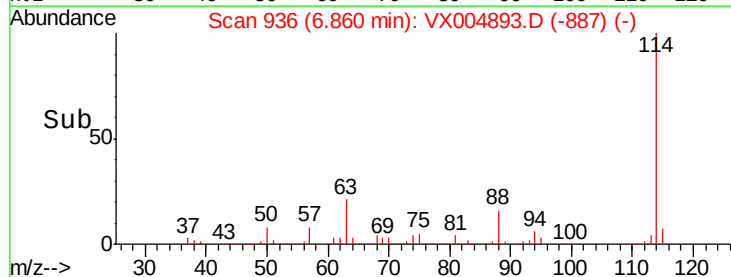
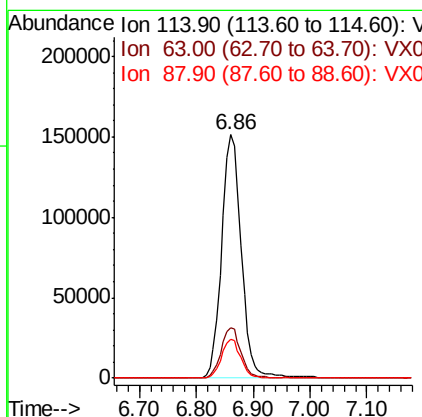
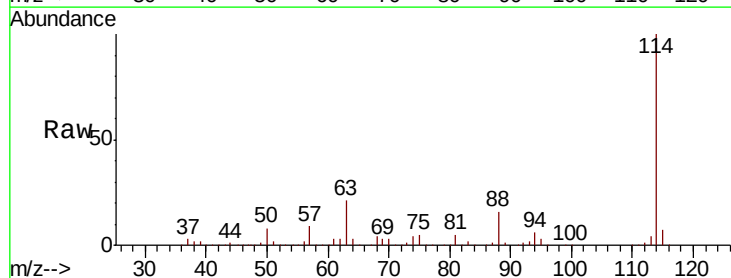
Delta R.T. -0.00 min

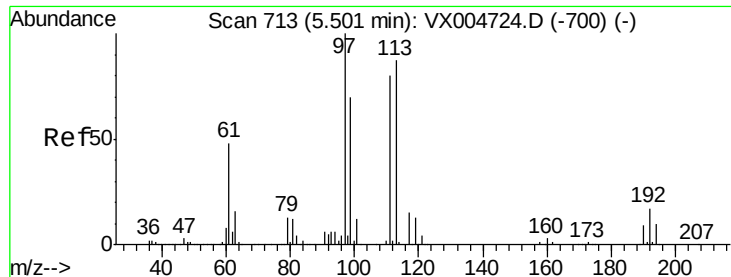
Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Tgt Ion: 114 Resp: 365293

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.0
88	15.7	0.0	30.4

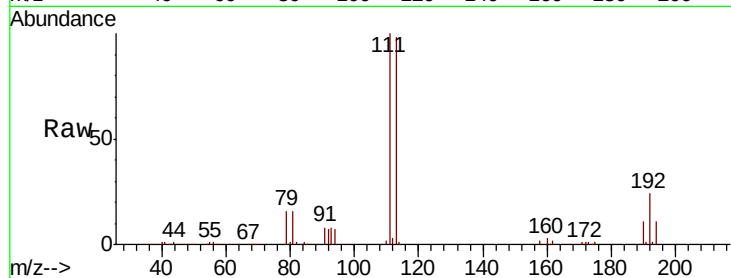




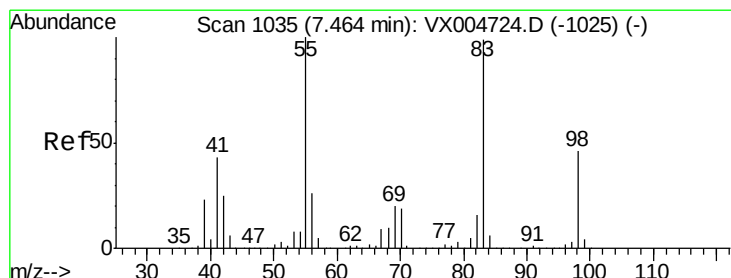
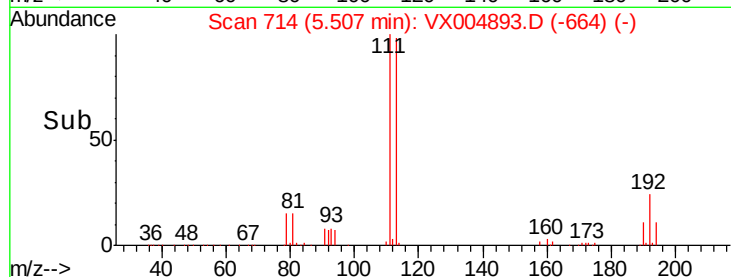
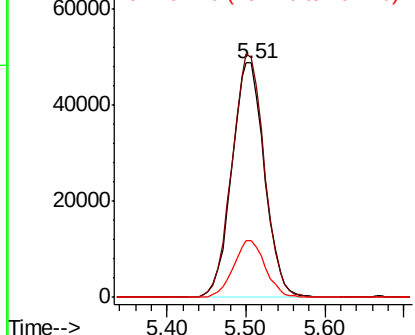
#35
 Dibromofluoromethane
 Concen: 45.317 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7

Tot Ion:113 Resp: 140297
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 23.7 19.4 29.2

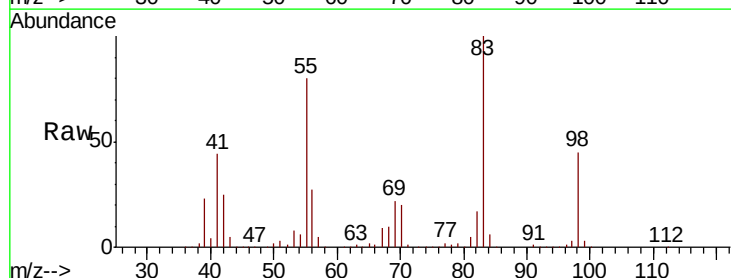


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

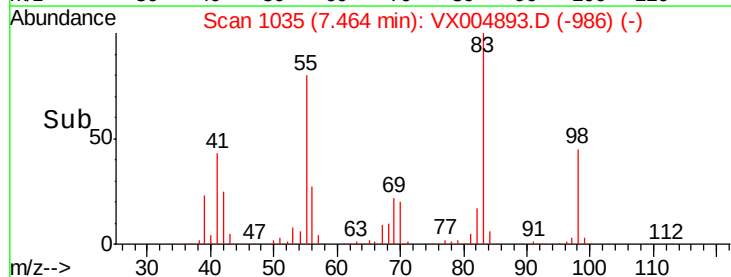
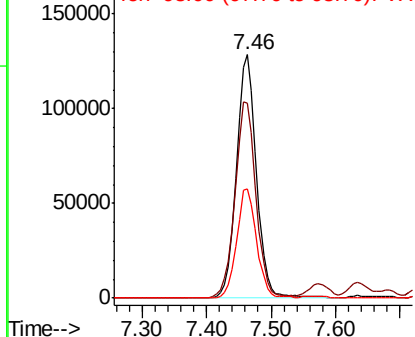


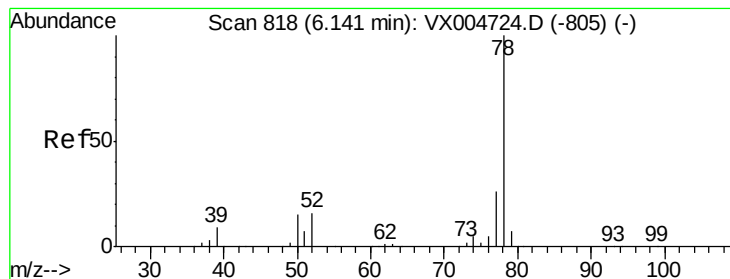
#39
 Methylcyclohexane
 Concen: 64.496 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

Tgt Ion: 83 Resp: 278178
 Ion Ratio Lower Upper
 83 100
 55 80.1 61.0 91.4
 98 44.8 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: 35.417 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

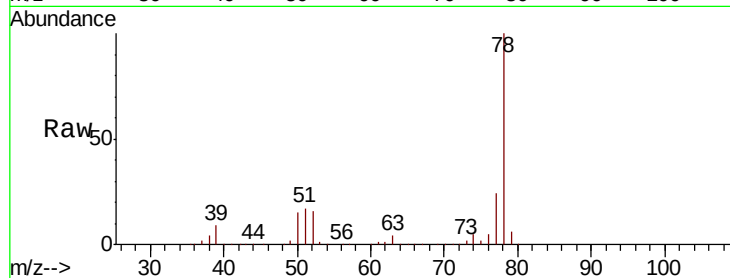
FA18-JEBS-7

Tot Ion: 78 Resp: 468345

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX004724.D (-805) (-)

Ion 77.00 (76.70 to 77.70): VX004724.D (-805) (-)

6.15

200000

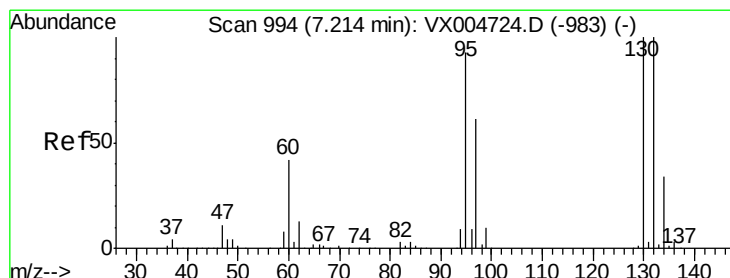
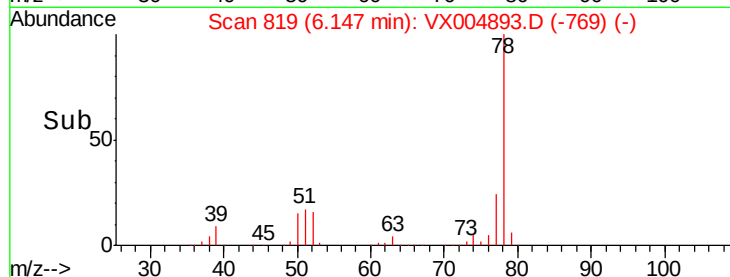
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 0.957 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004893.D

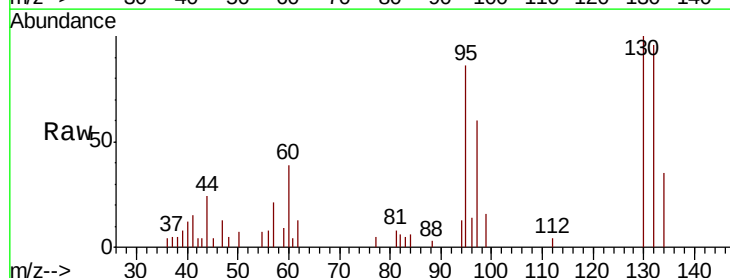
Acq: 02 Oct 2018 02:11

Tgt Ion:130 Resp: 3112

Ion Ratio Lower Upper

130 100

95 85.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)

7.21

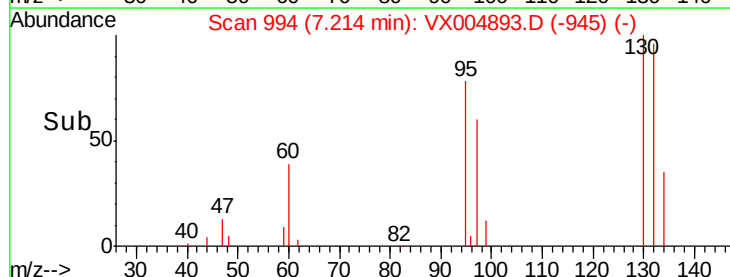
1500

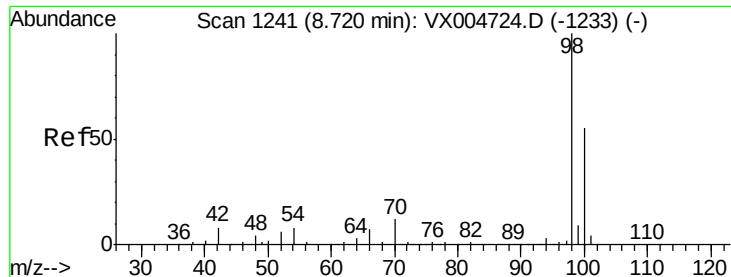
1000

500

0

Time-->

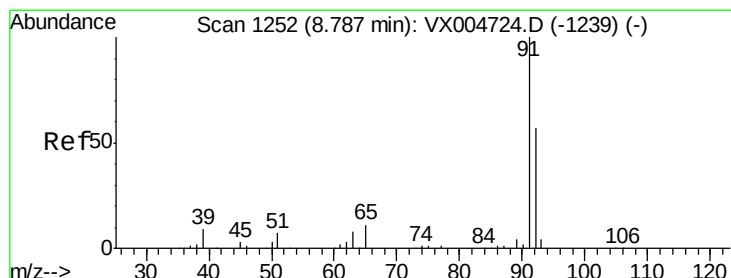
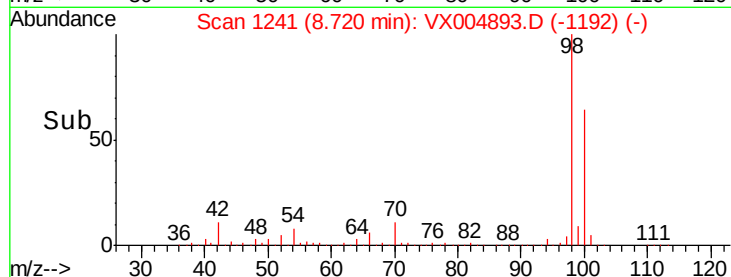
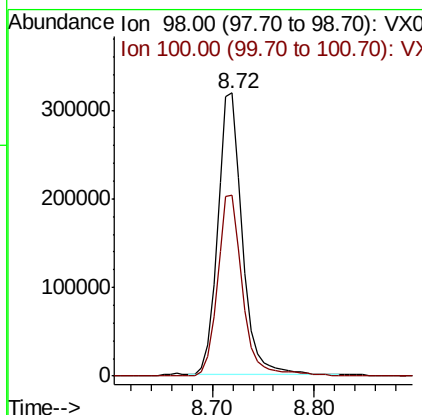
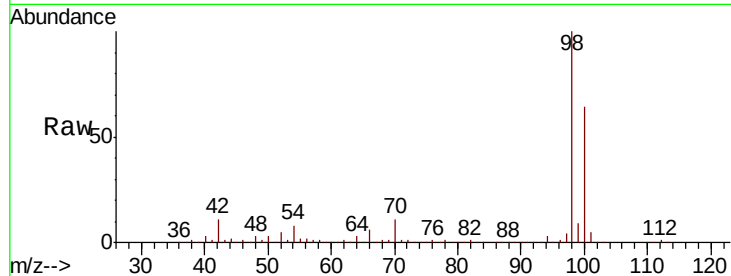




#50
Toluene-d8
Concen: 51.691 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

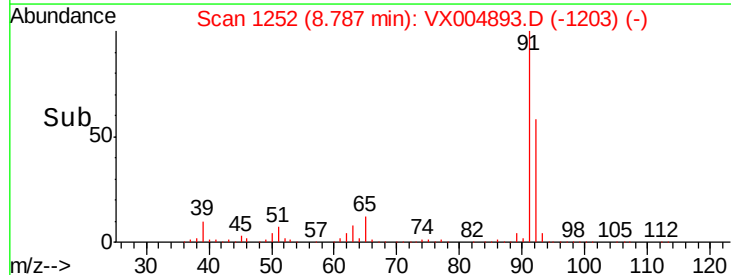
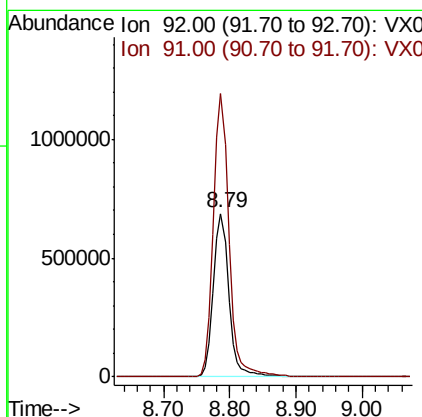
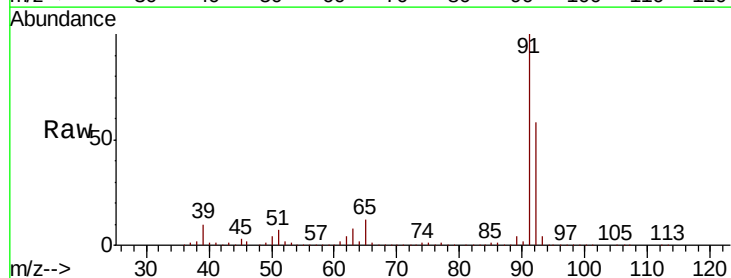
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

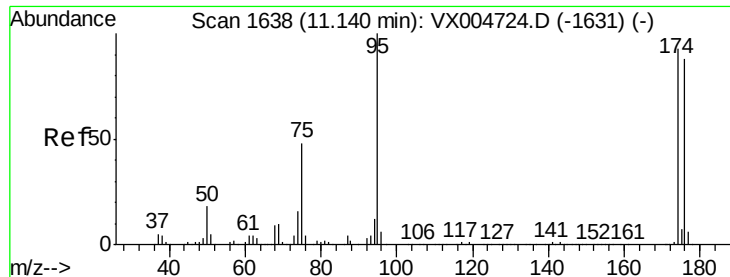
Tot Ion: 98 Resp: 532021
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#52
Toluene
Concen: 154.549 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Tgt Ion: 92 Resp: 1123005
Ion Ratio Lower Upper
92 100
91 173.4 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 55.898 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7

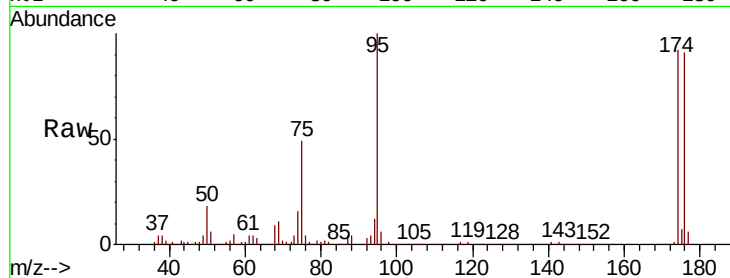
Tot Ion: 95 Resp: 207262

Ion Ratio Lower Upper

95 100

174 89.5 0.0 185.2

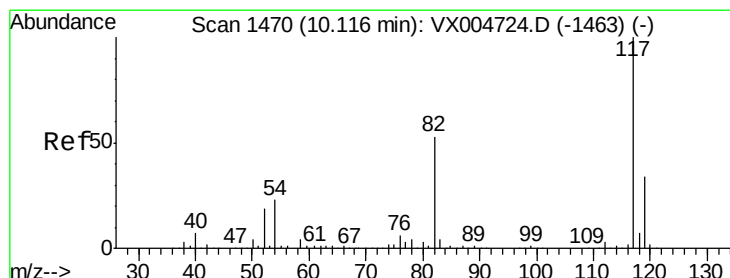
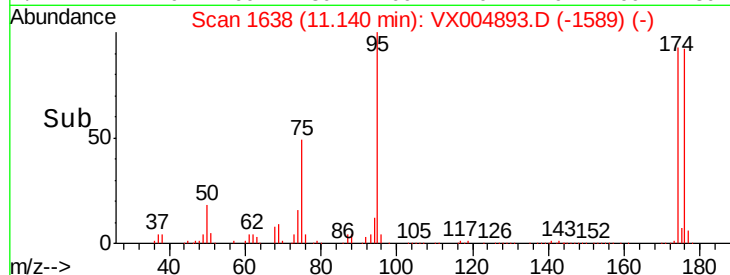
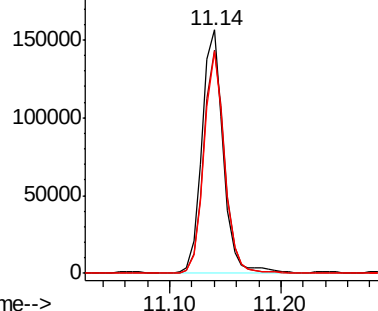
176 87.5 0.0 178.6



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

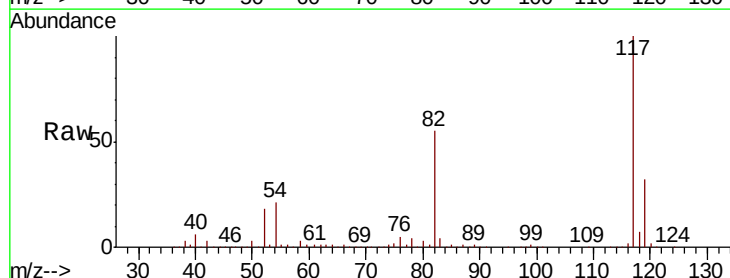
Tgt Ion: 117 Resp: 364076

Ion Ratio Lower Upper

117 100

82 55.0 47.8 71.6

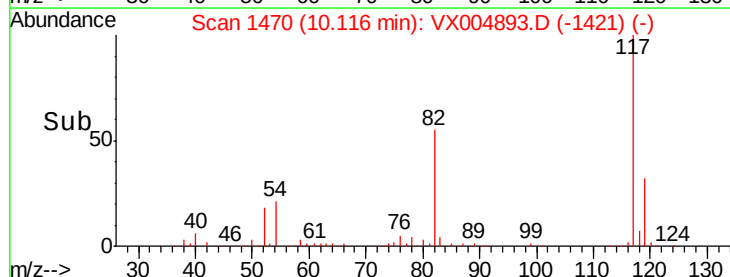
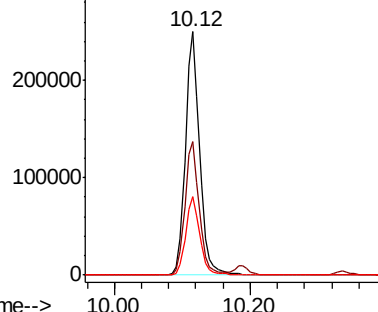
119 32.2 29.3 43.9

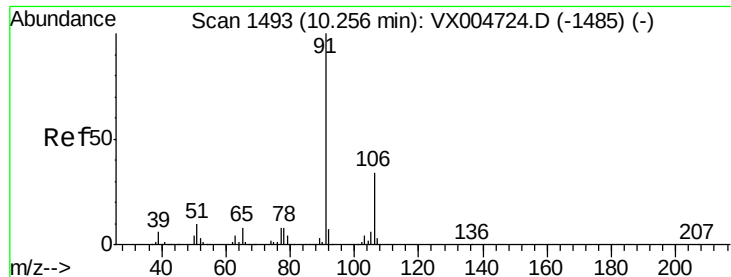


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

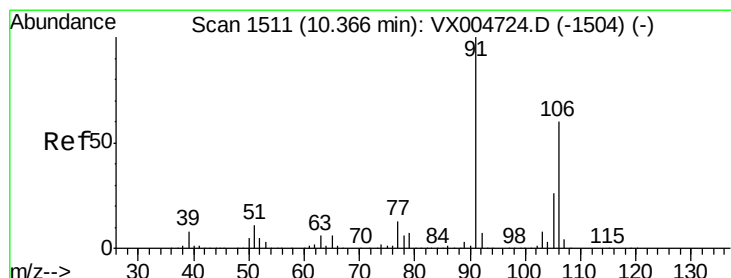
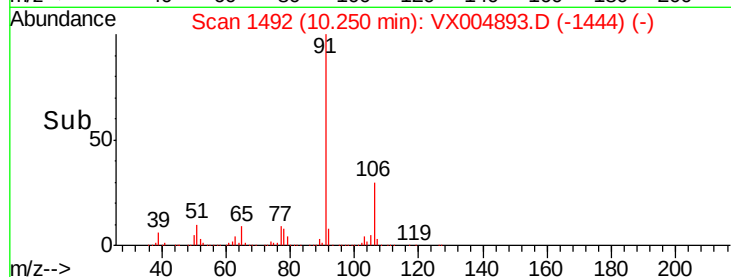
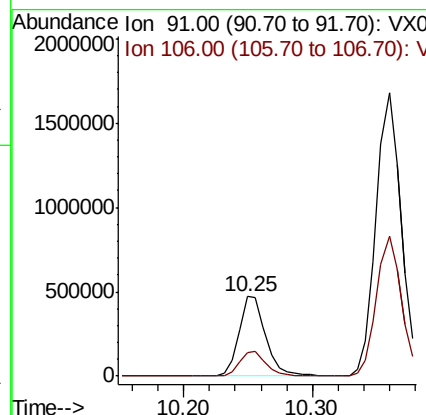
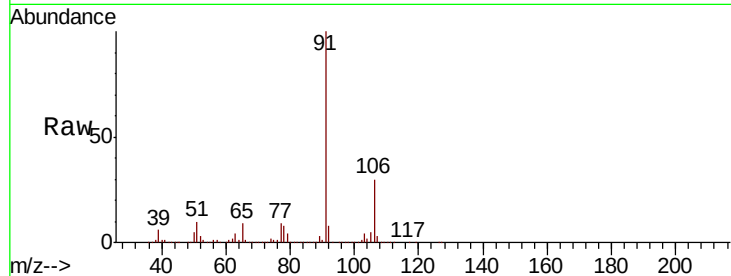




#67
Ethyl Benzene
Concen: 46.424 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

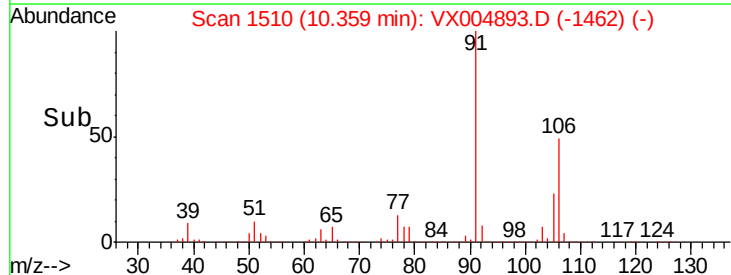
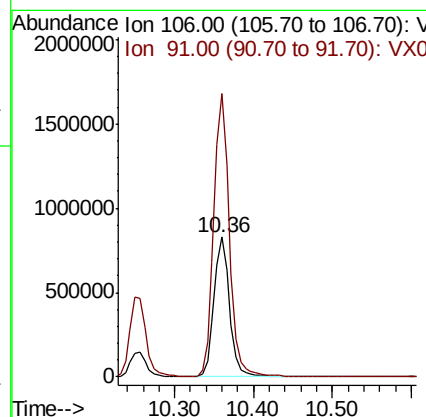
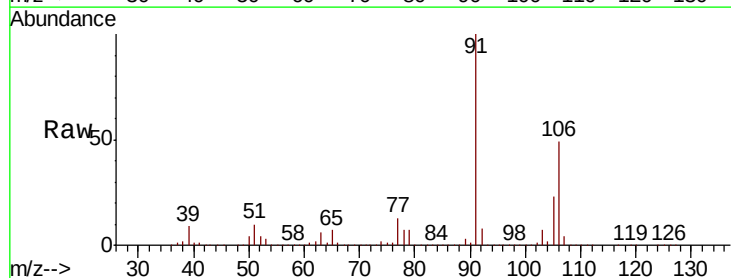
Instrument :
MSVOA_X
ClientSampled :
FA18-JEBS-7

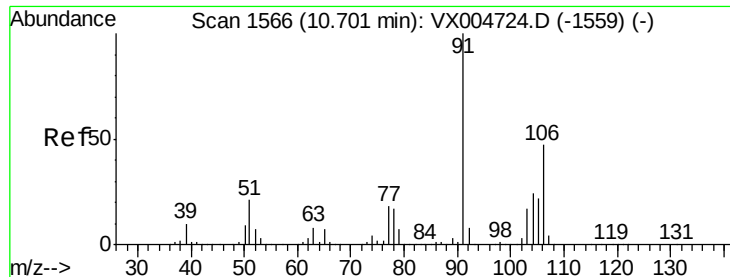
Tot Ion: 91 Resp: 688097
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9



#68
m/p-Xylenes
Concen: 196.849 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Tgt Ion: 106 Resp: 1140149
Ion Ratio Lower Upper
106 100
91 203.8 157.1 235.7

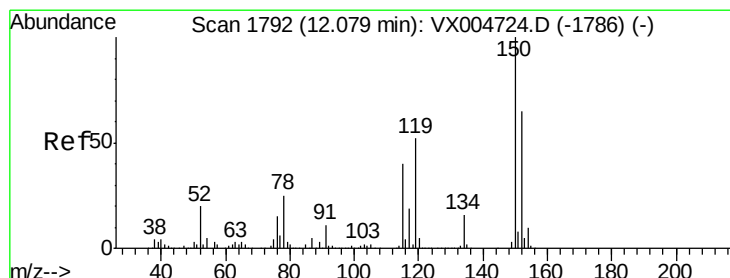
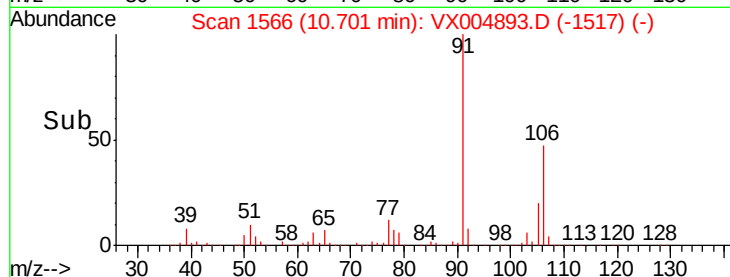
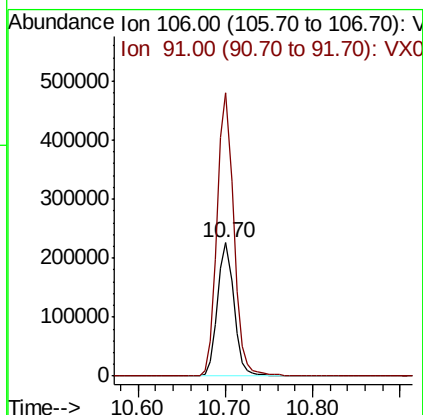
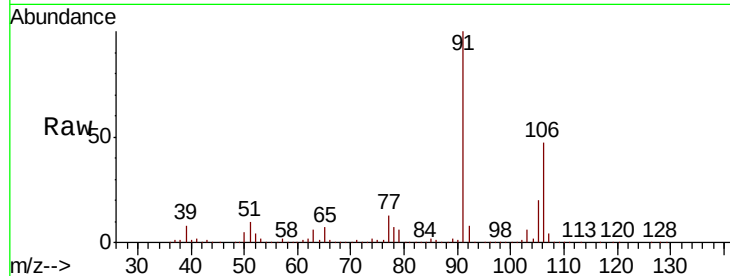




#69
o-Xylene
Concen: 55.764 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

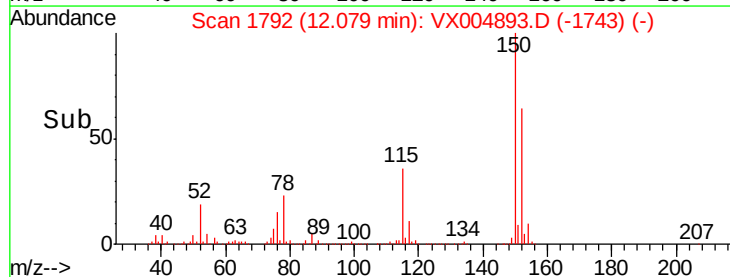
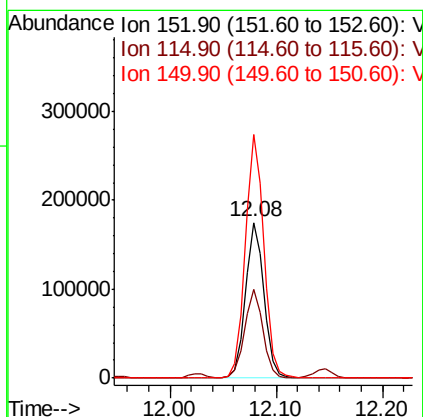
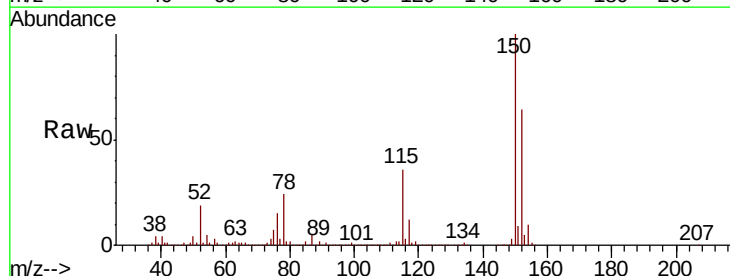
Instrument :
MSVOA_X
ClientSampled :
FA18-JEBS-7

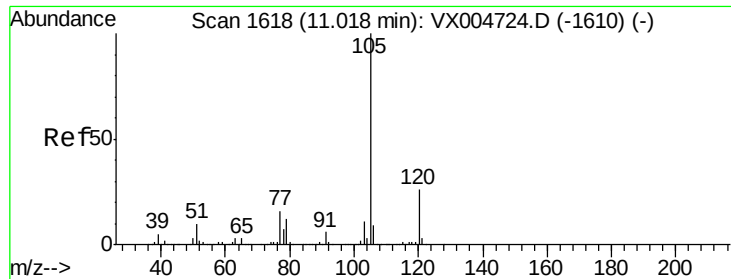
Tot Ion:106 Resp: 296661
Ion Ratio Lower Upper
106 100
91 214.4 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Tgt Ion:152 Resp: 212305
Ion Ratio Lower Upper
152 100
115 56.9 39.0 117.0
150 157.2 0.0 351.0

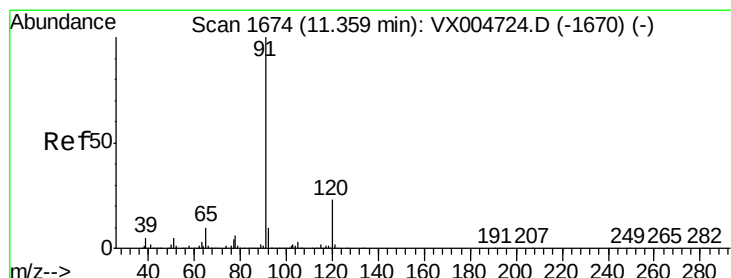
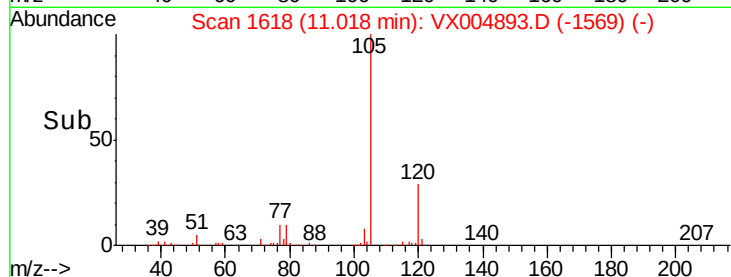
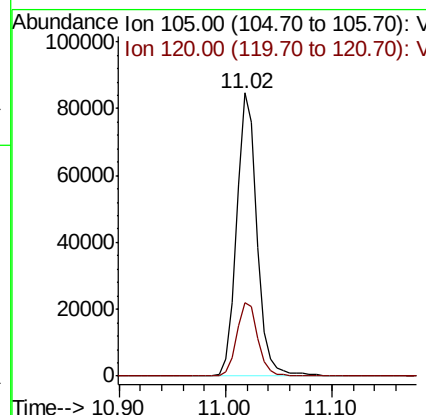
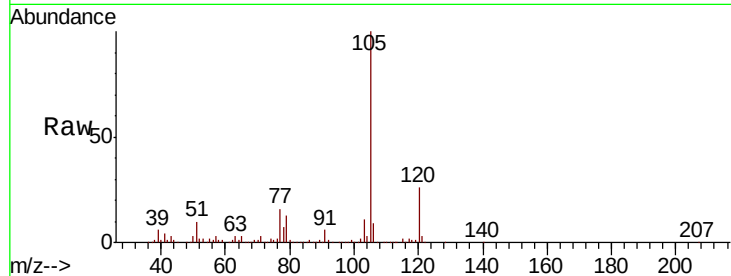




#73
Isopropylbenzene
Concen: 8.499 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

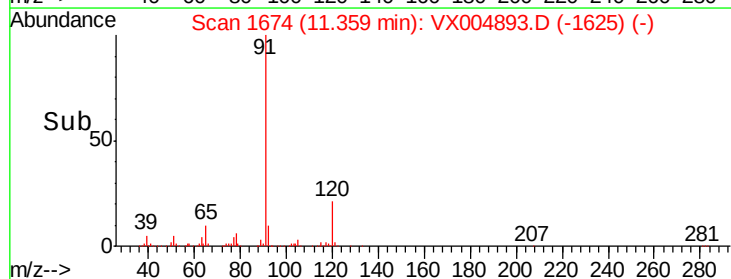
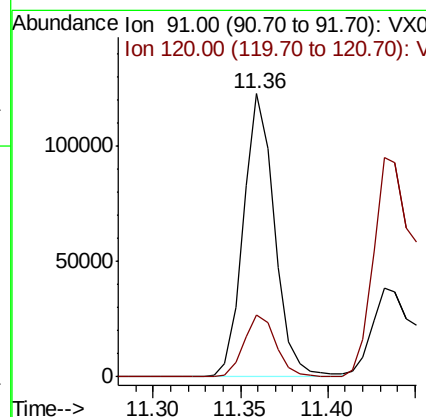
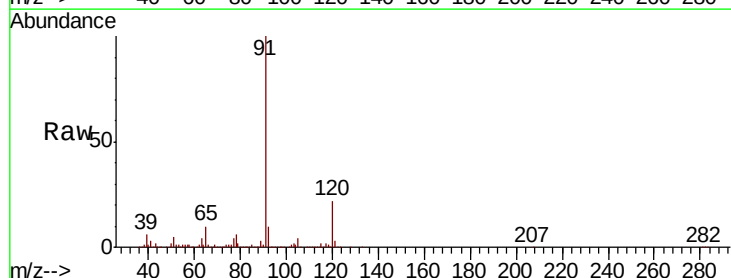
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

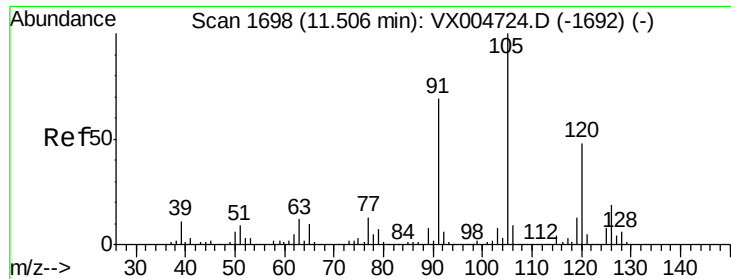
Tot Ion:105 Resp: 113737
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#78
n-propylbenzene
Concen: 9.874 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Tgt Ion: 91 Resp: 151601
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9

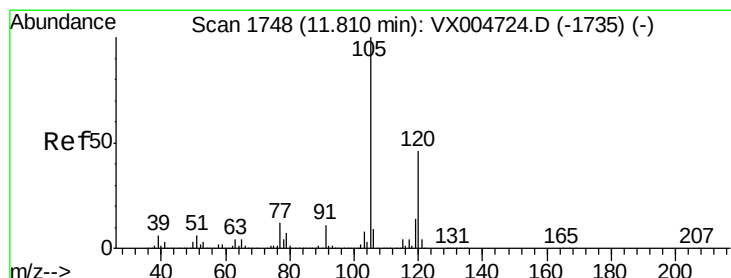
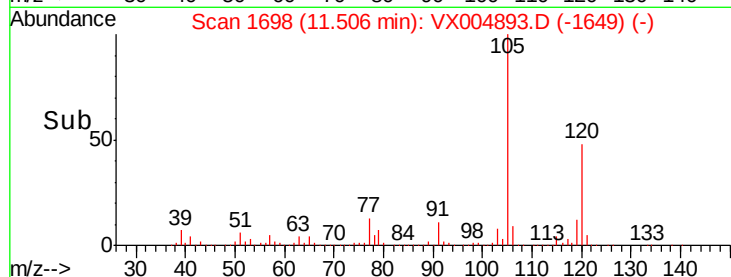
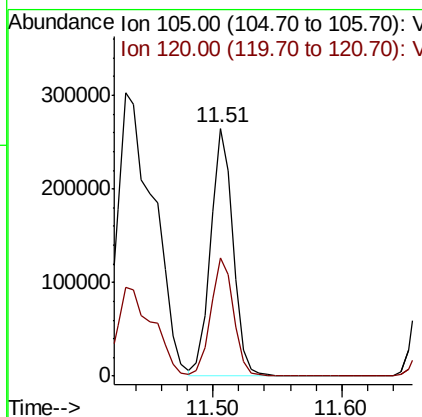
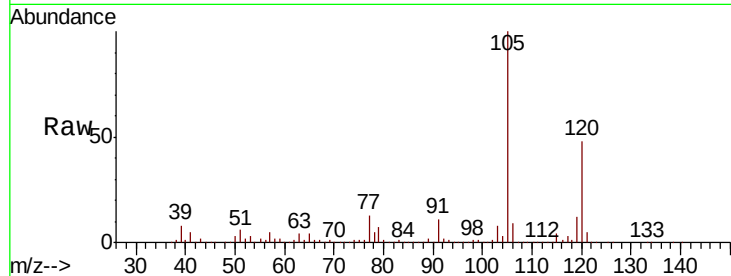




#80
 1,3,5-Trimethylbenzene
 Concen: 26.284 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

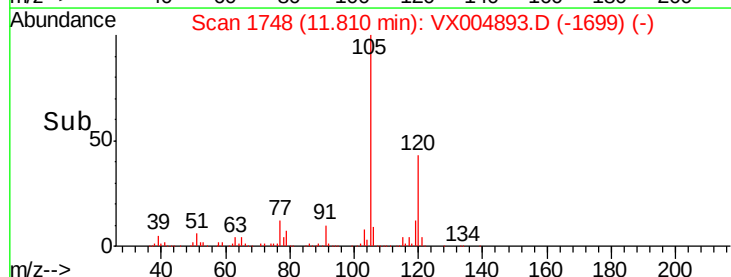
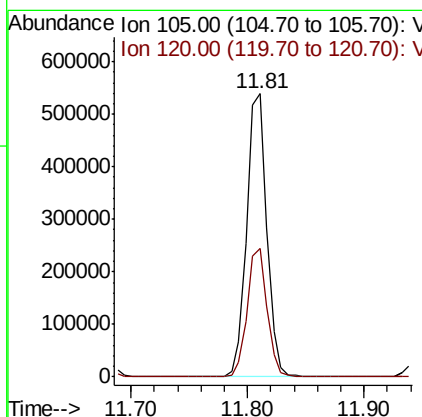
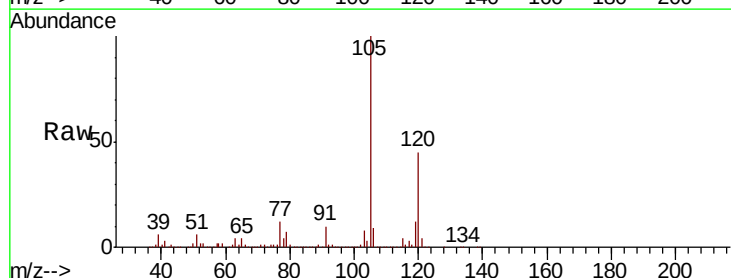
Instrument :
 MSVOA_X
 ClientSampled :
 FA18-JEBS-7

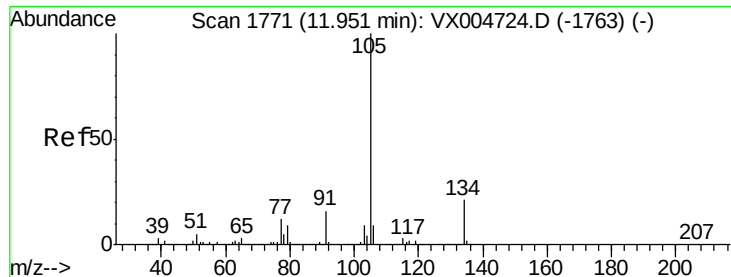
Tot Ion:105 Resp: 323523
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.597 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

Tgt Ion:105 Resp: 652542
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.6

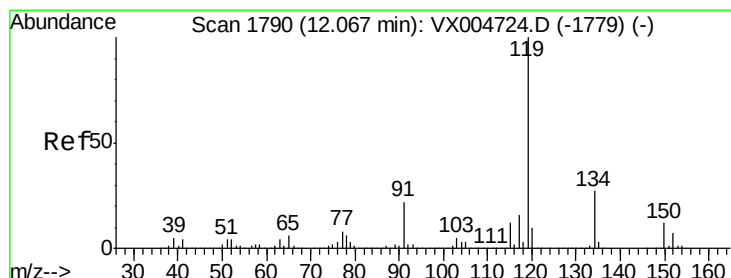
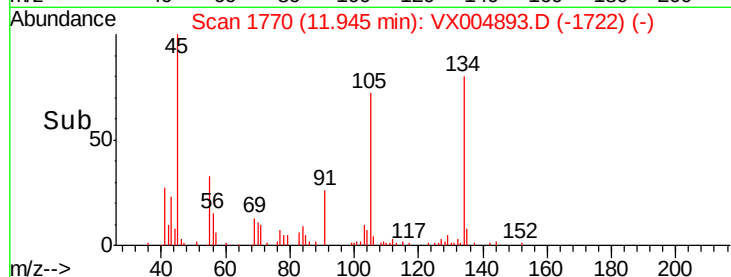
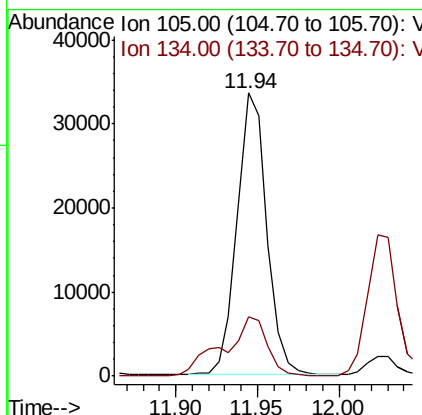
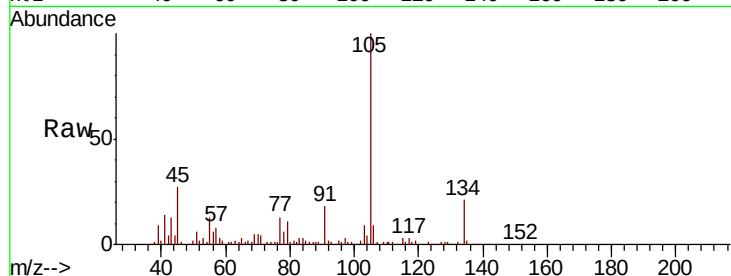




#85
 sec-Butylbenzene
 Concen: 3.169 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

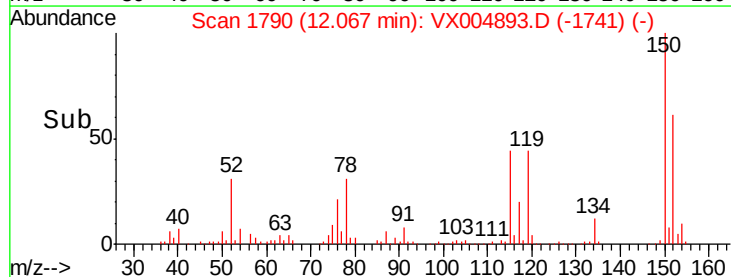
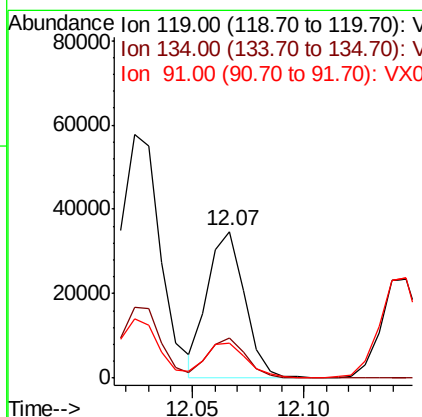
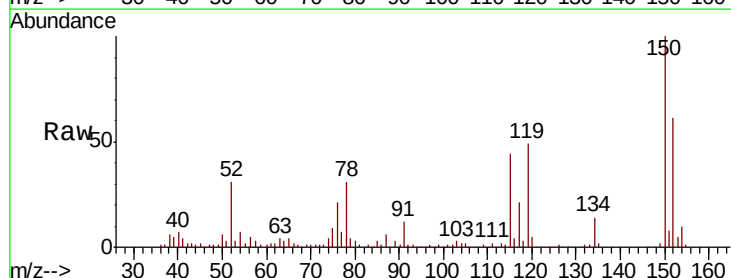
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7

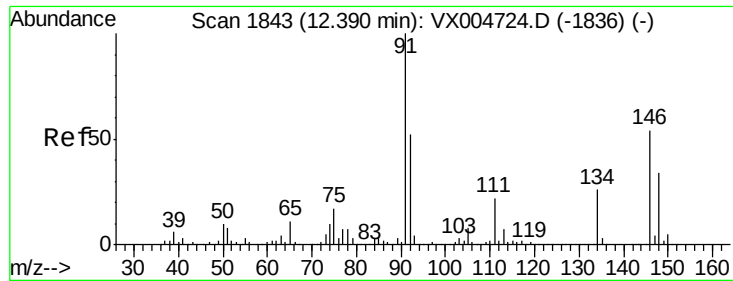
Tot Ion:105 Resp: 42530
 Ion Ratio Lower Upper
 105 100
 134 31.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 3.297 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

Tgt Ion:119 Resp: 40083
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.4 40.2
 91 25.6 10.9 32.7





#89

n-Butylbenzene

Concen: 3.781 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampled :

FA18-JEBS-7

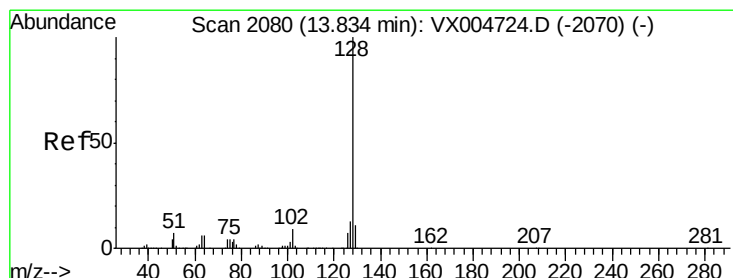
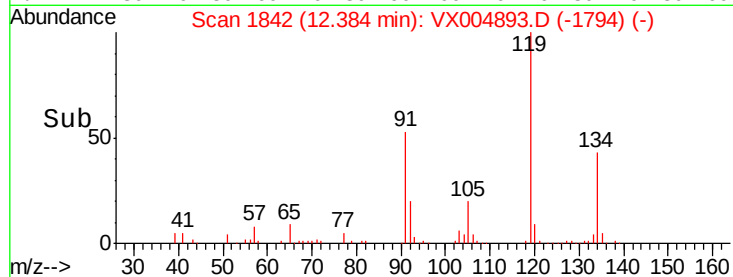
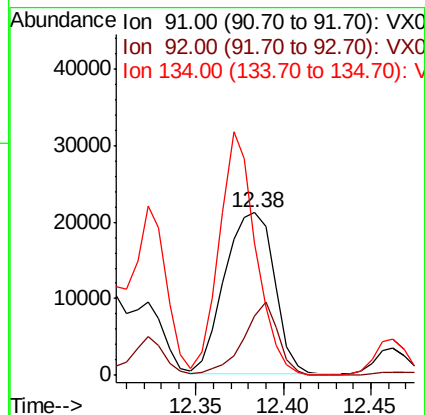
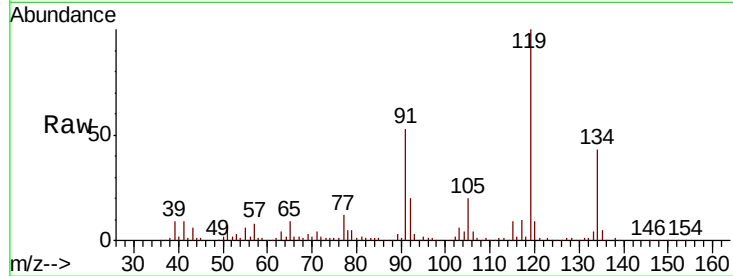
Tot Ion: 91 Resp: 41746

Ion Ratio Lower Upper

91 100

92 32.1 27.3 81.9

134 110.9 13.6 40.7#



#95

Naphthalene

Concen: 6.837 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Tgt Ion: 128 Resp: 109615

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 12.1 8.6 12.8

