

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 02 03:38:18 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

33) 1,2-Dichloroethane-d4	6.07	65	167803	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.51	113	140297	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
50) Toluene-d8	8.72	98	532021	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	207262	55.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.80%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	3769	0.988	ug/l #	58
4) Vinyl Chloride	1.40	62	58662	16.395	ug/l	95
5) Bromomethane	1.64	94	690	0.325	ug/l #	79
6) Chloroethane	1.87	64	949	Below Cal	#	51
11) Tert butyl alcohol	3.07	59	4922	5.343	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	1326	0.531	ug/l	98
13) Acrolein	2.26	56	4877	7.441	ug/l #	1
14) Allyl chloride	2.62	41	9902	1.816	ug/l #	76
15) Acrylonitrile	3.16	53	4346	2.143	ug/l #	43
16) Acetone	2.45	43	56105	29.170	ug/l	97
17) Carbon Disulfide	2.57	76	4507	0.600	ug/l #	93
18) Methyl Acetate	2.84	43	453142	92.989	ug/l #	51
21) trans-1,2-Dichloroethene	3.16	96	1466	0.536	ug/l	94
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
29) Tetrahydrofuran	5.17	42	875	0.497	ug/l #	40
31) Cyclohexane	5.57	56	312968	74.663	ug/l	91
36) 1,1-Dichloropropene	5.67	75	15386	3.643	ug/l #	51
37) Ethyl Acetate	4.71	43	16603	2.961	ug/l #	68
38) Carbon Tetrachloride	5.67	117	20731	4.669	ug/l #	15
39) Methylcyclohexane	7.46	83	278178	64.496	ug/l	95
40) Benzene	6.15	78	468345	35.417	ug/l	100
43) Isopropyl Acetate	6.34	43	339541	41.956	ug/l #	59
44) Trichloroethene	7.21	130	3112	0.957	ug/l	95
48) Methyl methacrylate	7.73	41	16949	4.614	ug/l #	65
51) 4-Methyl-2-Pentanone	8.68	43	54156	10.628	ug/l #	75
52) Toluene	8.79	92	1123005	154.549	ug/l	98
53) t-1,3-Dichloropropene	8.79	75	12310	2.855	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	22687	7.128	ug/l #	20
56) Ethyl methacrylate	9.16	69	5500	3.866	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.35	63	75	14.268	ug/l #	45
59) 2-Hexanone	9.52	43	30148	7.100	ug/l	81
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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

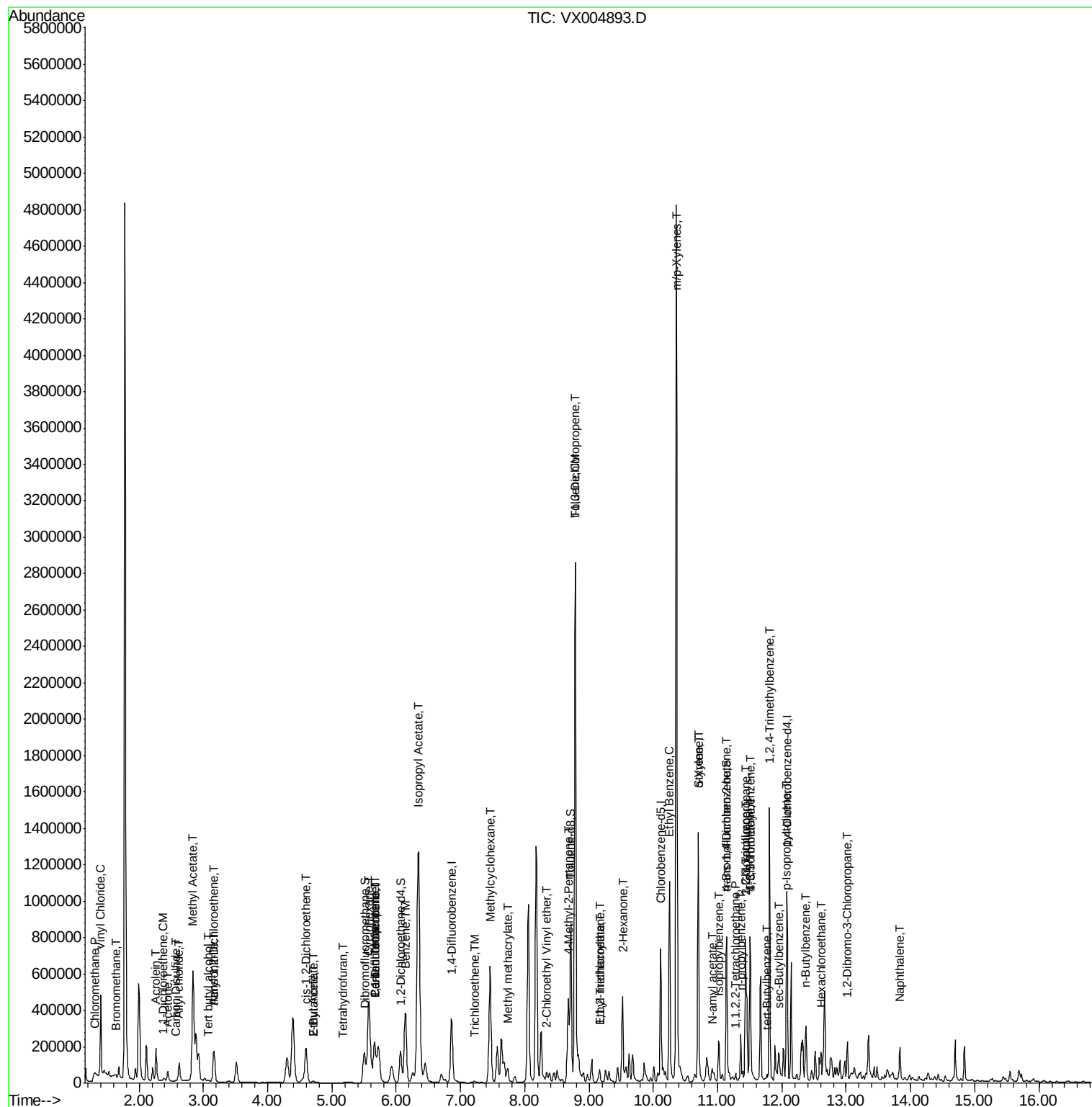
69) o-Xylene	10.70	106	296661	55.764	ug/l	97
70) Styrene	10.70	104	15318	3.614	ug/l #	1
73) Isopropylbenzene	11.02	105	113737	8.499	ug/l	99
74) N-amyl acetate	10.91	43	4177	2.296	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	2110	0.387	ug/l #	71
76) 1,2,3-Trichloropropane	11.43	75	5091	1.070	ug/l #	1
78) n-propylbenzene	11.36	91	151601	9.874	ug/l	97
79) 2-Chlorotoluene	11.43	91	71631	7.485	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	323523	26.284	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	101261	57.719	ug/l #	10
82) 4-Chlorotoluene	11.51	91	34329	3.047	ug/l #	44
83) tert-Butylbenzene	11.77	119	5462	0.496	ug/l	95
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
90) Hexachloroethane	12.61	117	5699	2.815	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	809	0.676	ug/l #	1
95) Naphthalene	13.83	128	109615	6.837	ug/l	97

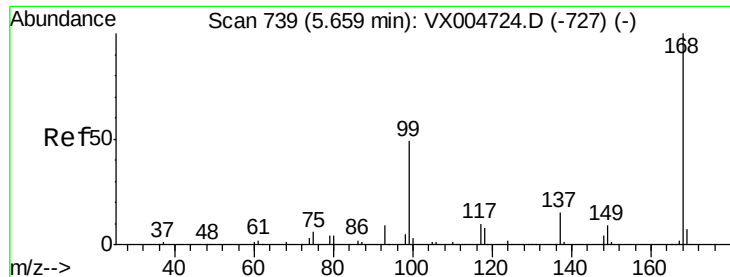
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampled :

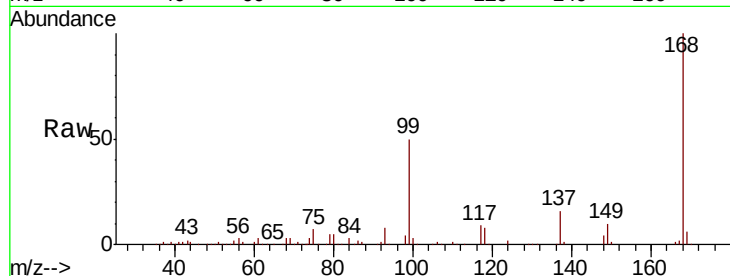
FA18-JEBS-7

Tot Ion:168 Resp: 230624

Ion Ratio Lower Upper

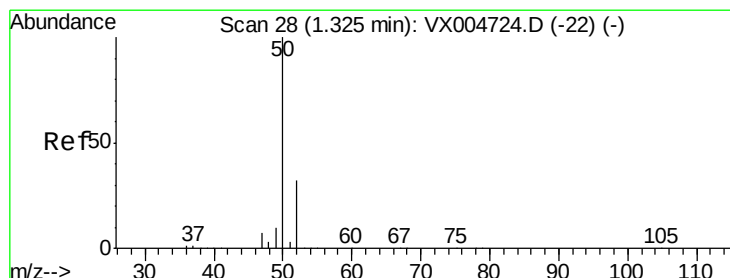
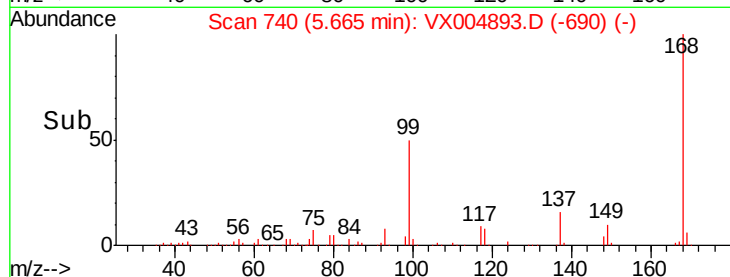
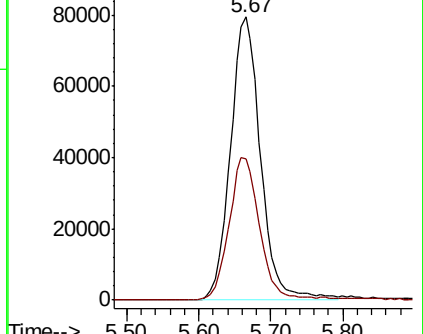
168 100

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



#3

Chloromethane

Concen: 0.988 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004893.D

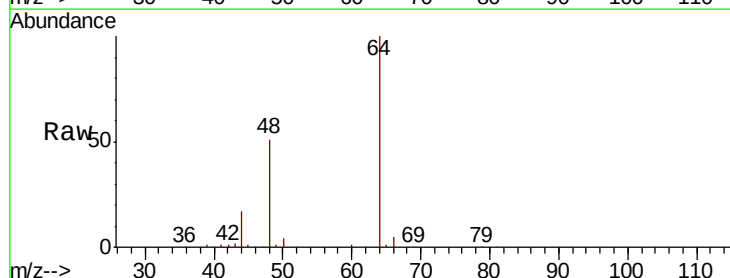
Acq: 02 Oct 2018 02:11

Tgt Ion: 50 Resp: 3769

Ion Ratio Lower Upper

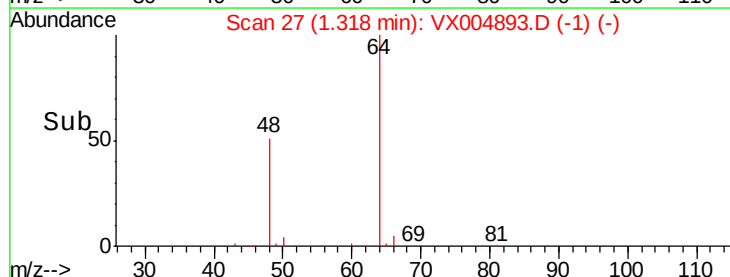
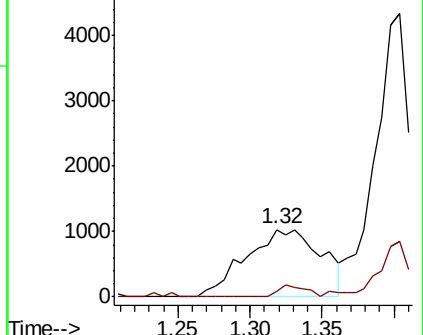
50 100

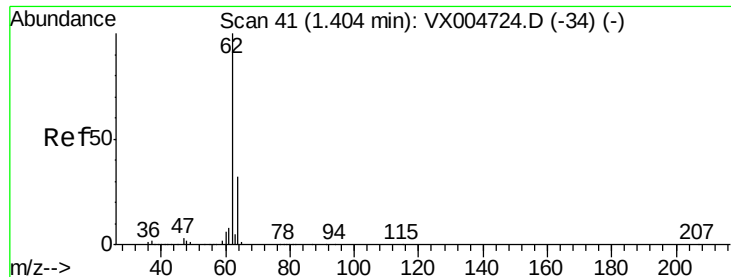
52 8.9 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): 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

Instrument :

MSVOA_X

ClientSampleId :

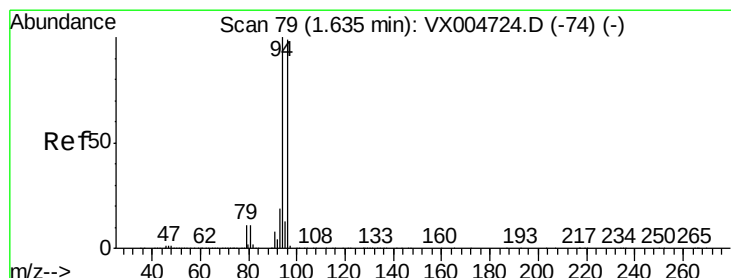
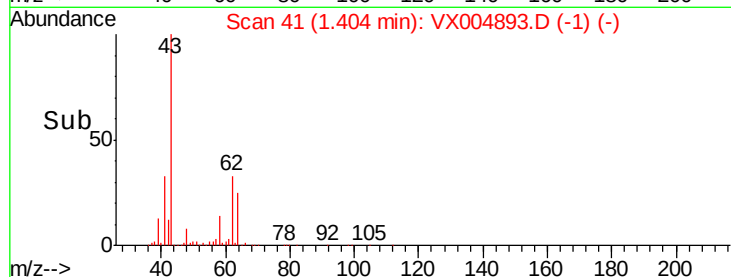
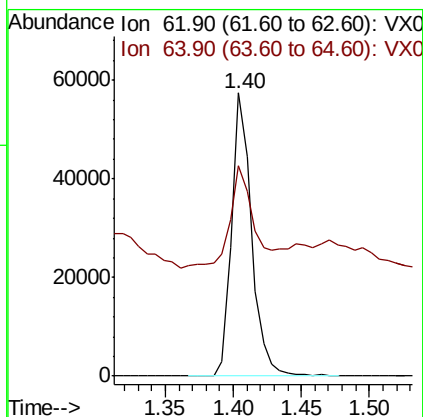
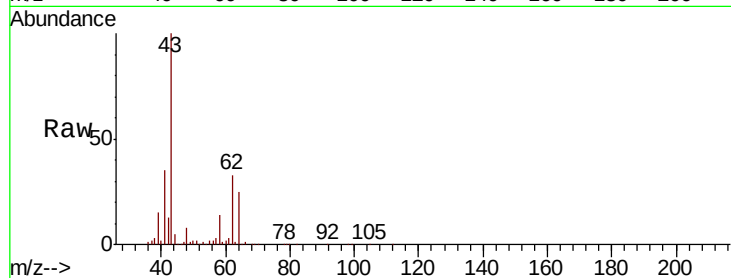
FA18-JEBS-7

Tot Ion: 62 Resp: 58662

Ion Ratio Lower Upper

62 100

64 35.3 25.8 38.8



#5

Bromomethane

Concen: 0.325 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004893.D

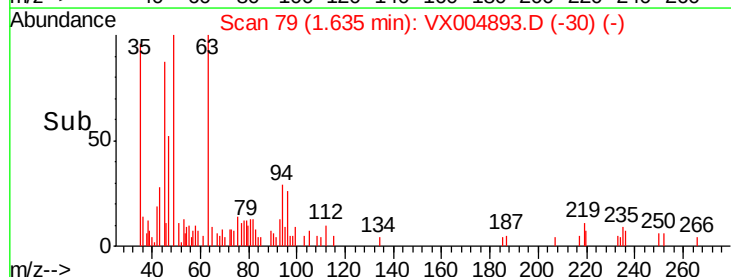
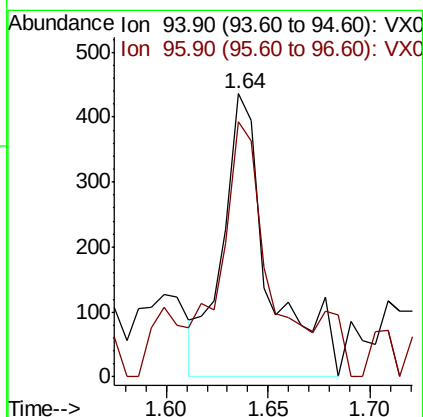
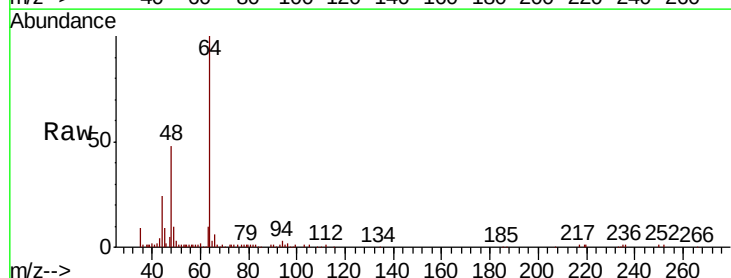
Acq: 02 Oct 2018 02:11

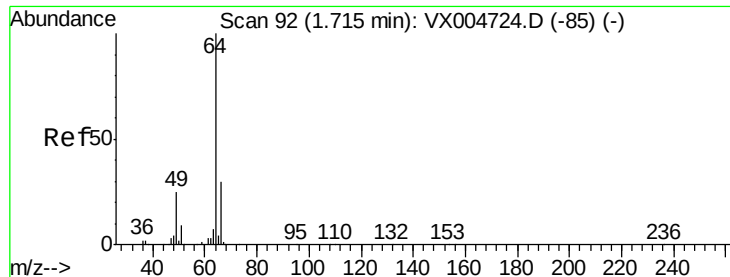
Tgt Ion: 94 Resp: 690

Ion Ratio Lower Upper

94 100

96 72.9 74.5 111.7#





#6

Chloroethane

Concen: Below Cal

RT: 1.87 min Scan# 117

Delta R.T. 0.15 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

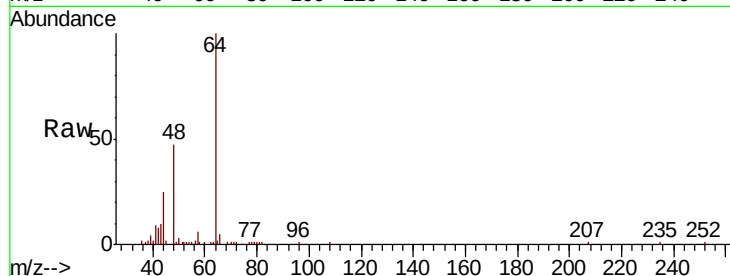
FA18-JEBS-7

Tot Ion: 64 Resp: 949

Ion Ratio Lower Upper

64 100

66 3.9 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.87

12000

10000

8000

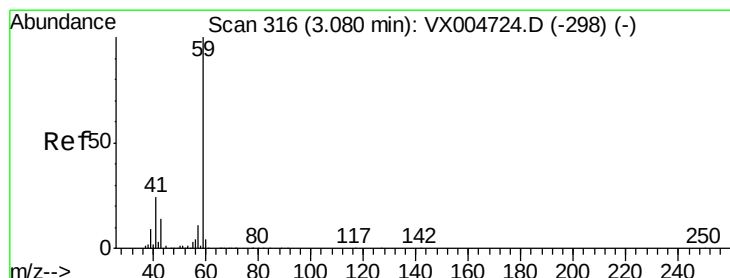
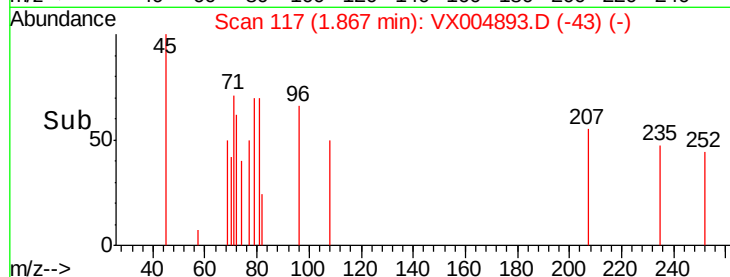
6000

4000

2000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.343 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004893.D

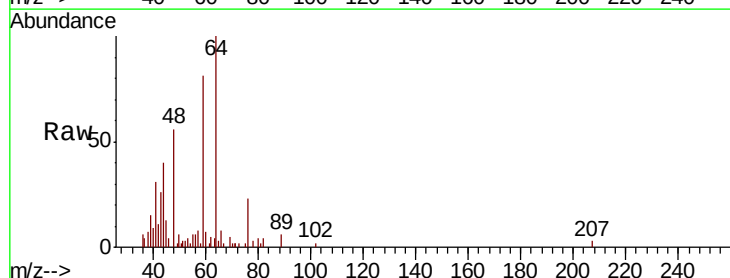
Acq: 02 Oct 2018 02:11

Tgt Ion: 59 Resp: 4922

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

50000

40000

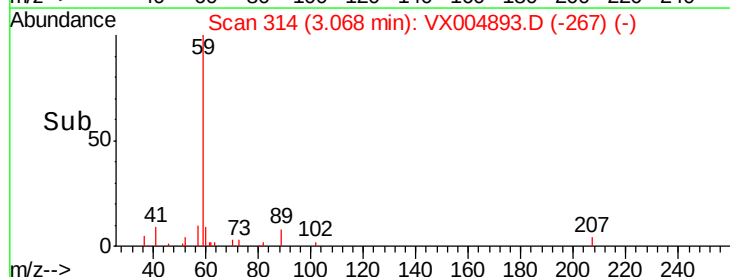
30000

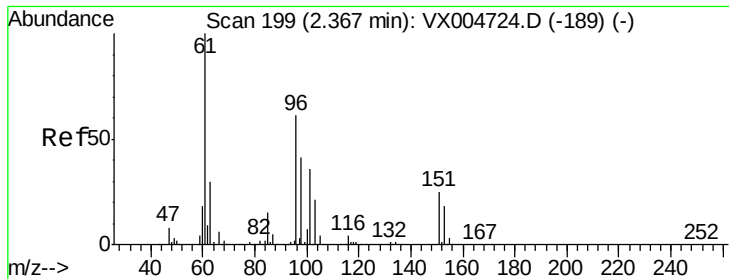
20000

10000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.531 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7

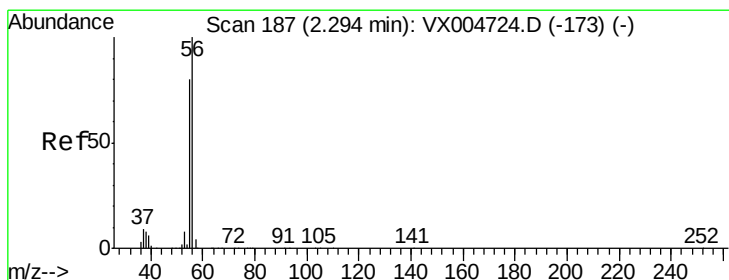
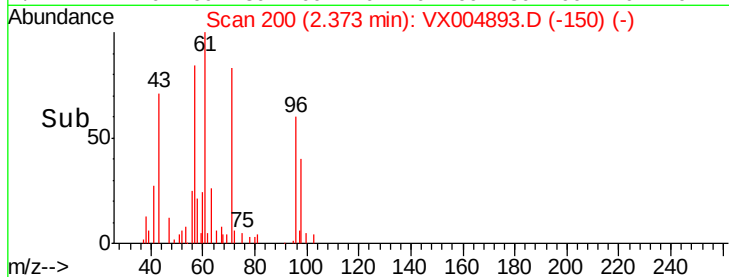
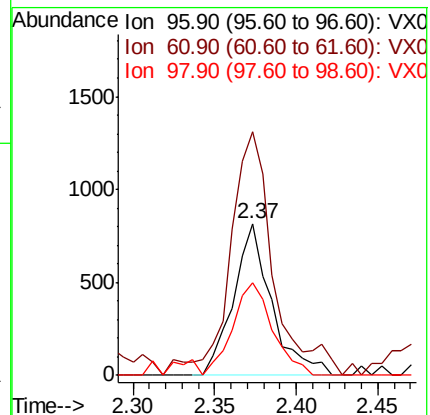
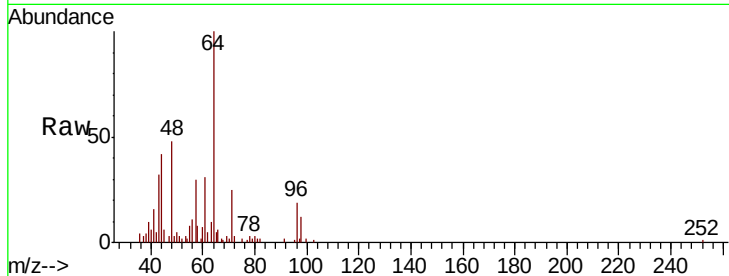
Tot Ion: 96 Resp: 1326

Ion Ratio Lower Upper

96 100

61 160.7 128.8 193.2

98 61.5 52.2 78.2



#13

Acrolein

Concen: 7.441 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX004893.D

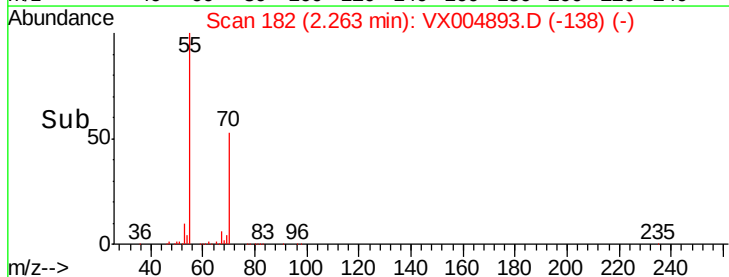
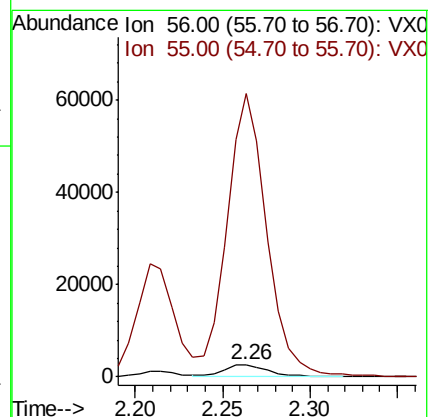
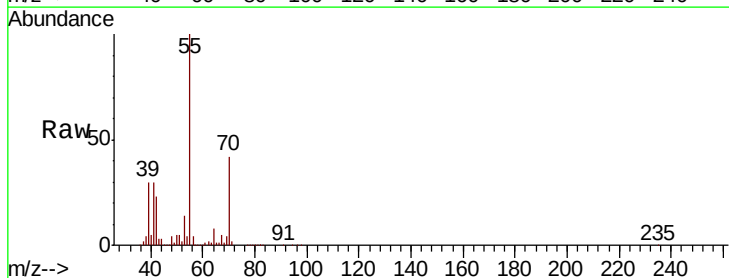
Acq: 02 Oct 2018 02:11

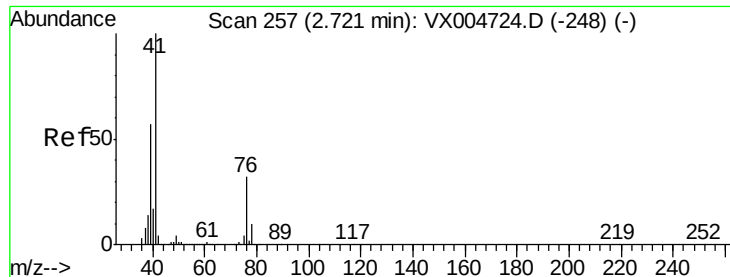
Tgt Ion: 56 Resp: 4877

Ion Ratio Lower Upper

56 100

55 1976.1 54.7 82.1#

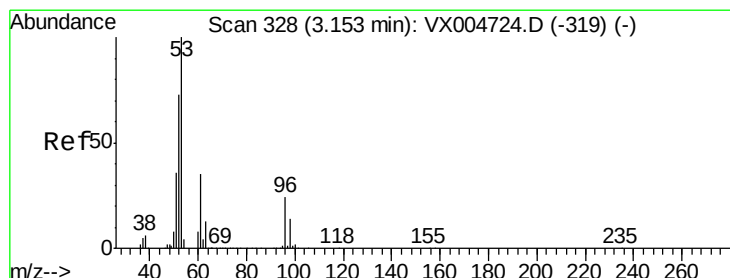
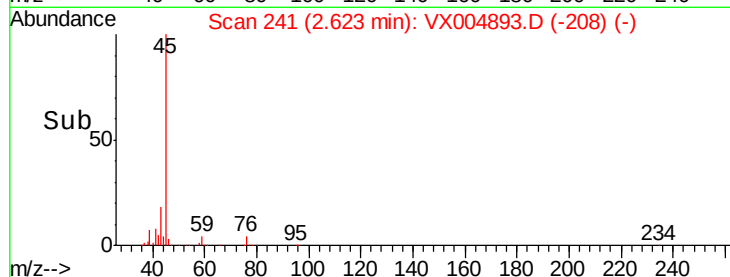
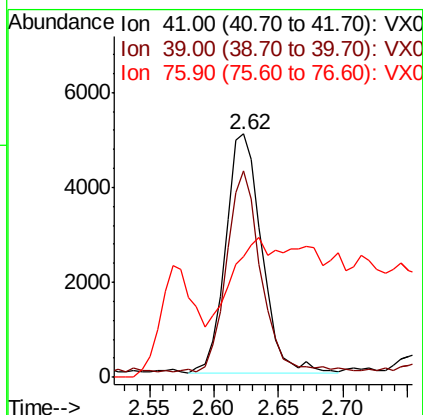
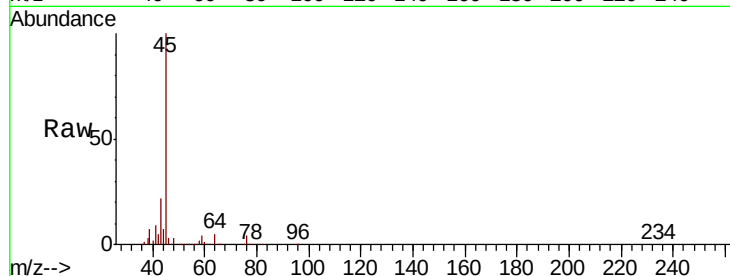




#14
Allvl chloride
Concen: 1.816 ug/l
RT: 2.62 min Scan# 241
Delta R.T. -0.10 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

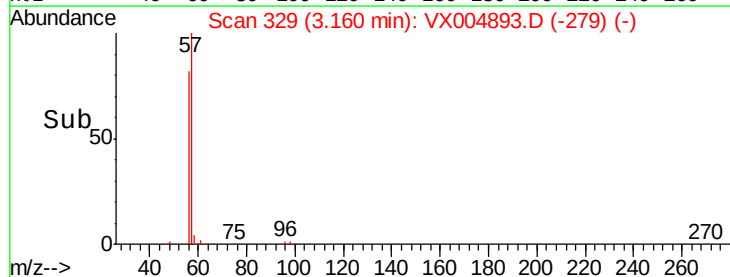
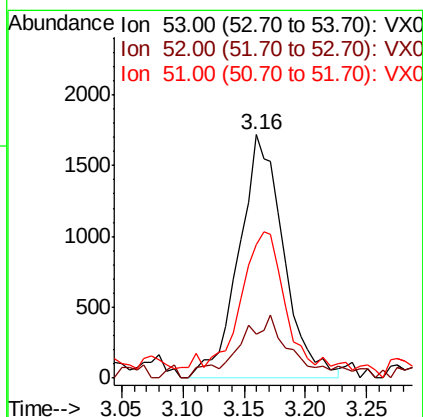
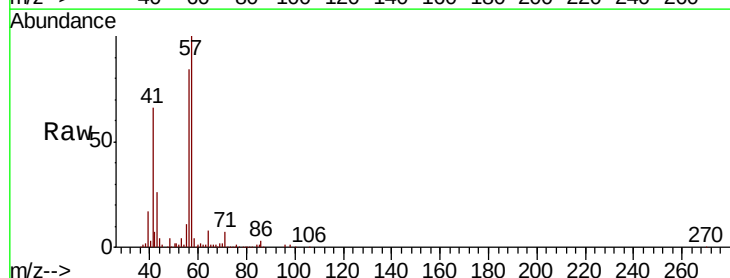
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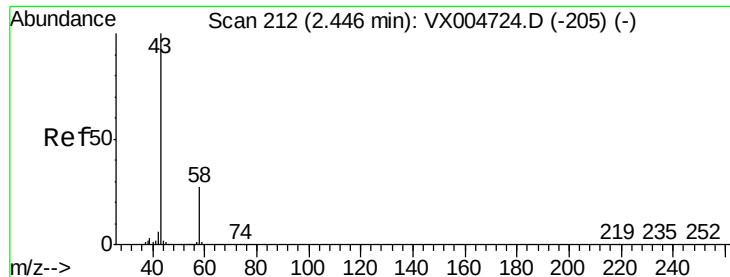
Tot Ion	Ratio	Lower	Upper
41	100		
39	79.0	48.9	73.3#
76	46.9	26.7	40.1#



#15
Acrylonitrile
Concen: 2.143 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.01 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Tgt Ion	Ratio	Lower	Upper
53	100		
52	31.5	65.2	97.8#
51	69.9	28.2	42.2#





#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 :

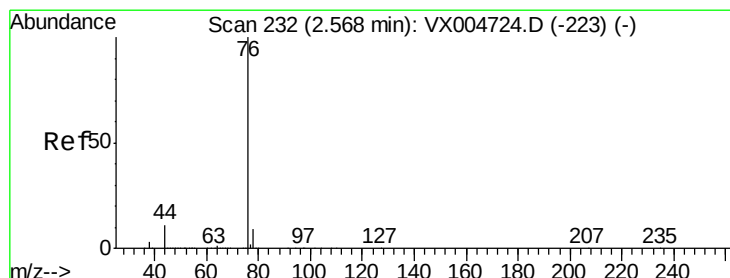
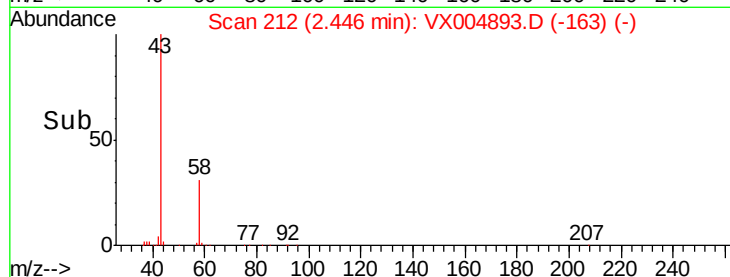
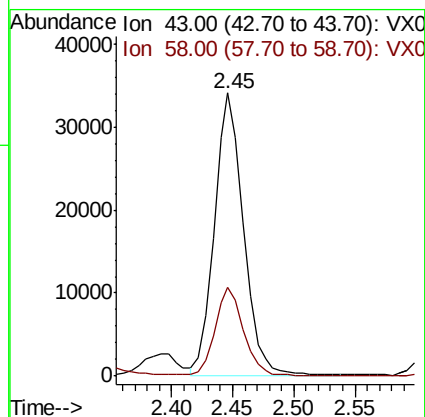
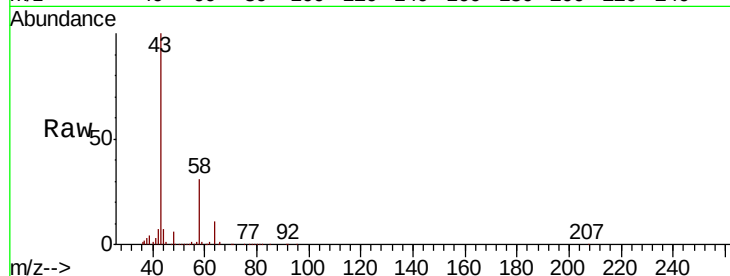
FA18-JEBS-7

Tot Ion: 43 Resp: 56105

Ion Ratio Lower Upper

43 100

58 31.2 26.2 39.4



#17

Carbon Disulfide

Concen: 0.600 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004893.D

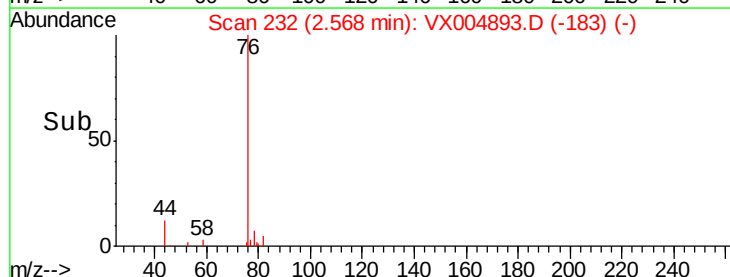
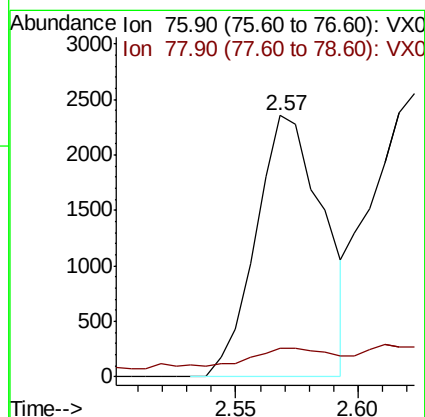
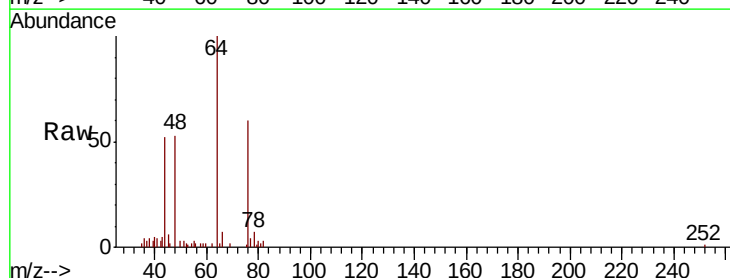
Acq: 02 Oct 2018 02:11

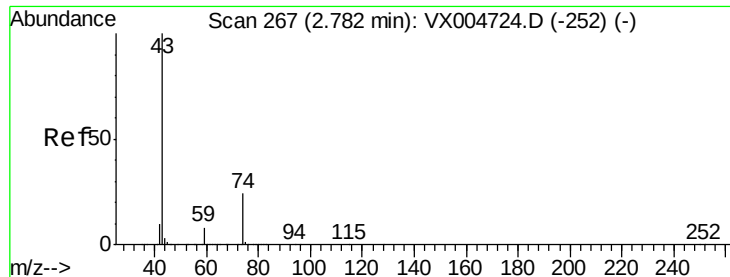
Tgt Ion: 76 Resp: 4507

Ion Ratio Lower Upper

76 100

78 6.4 7.0 10.6#

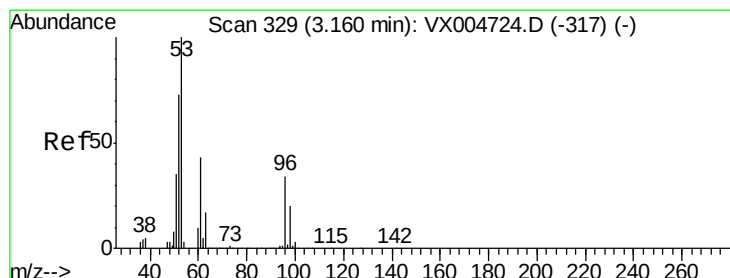
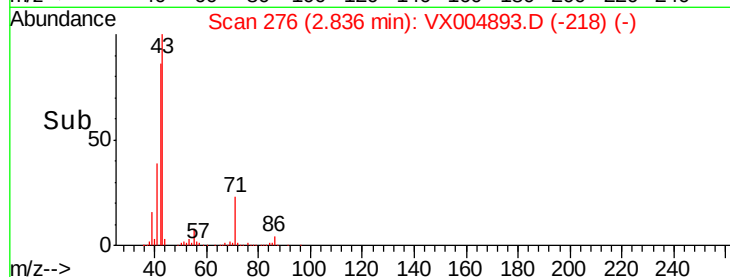
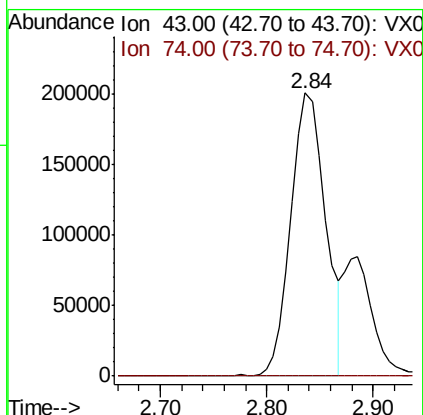
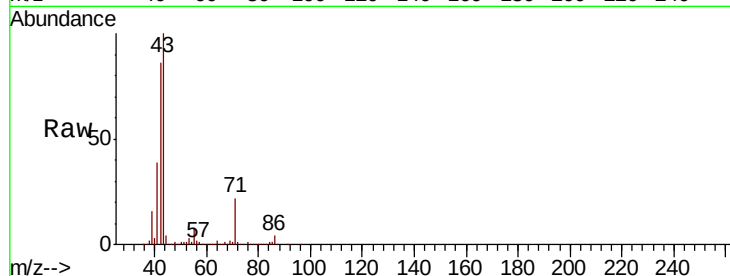




#18
Methyl Acetate
Concen: 92.989 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.05 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

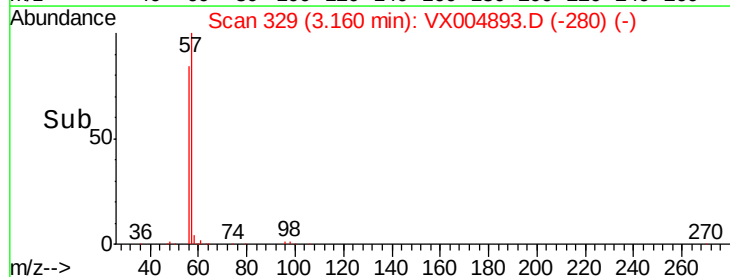
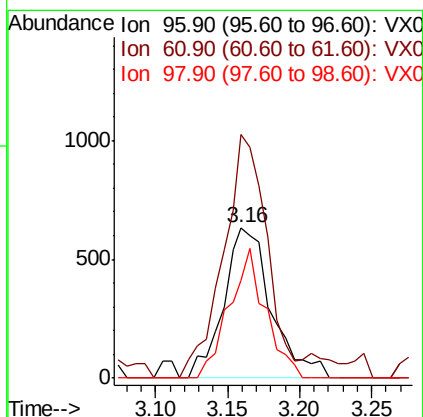
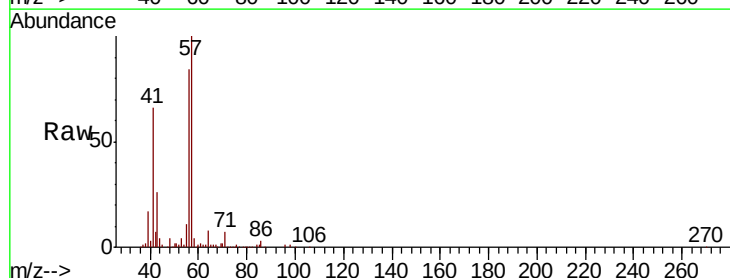
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

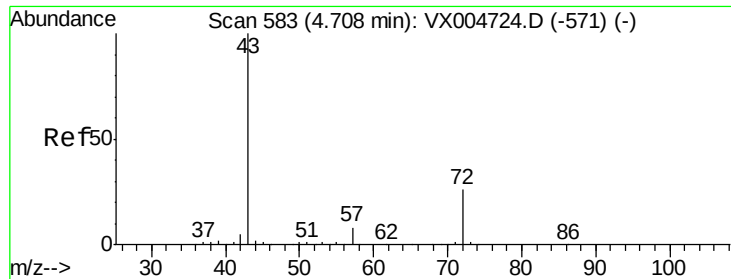
Tot Ion: 43 Resp: 453142
Ion Ratio Lower Upper
43 100
74 0.1 19.4 29.2#



#21
trans-1,2-Dichloroethene
Concen: 0.536 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Tgt Ion: 96 Resp: 1466
Ion Ratio Lower Upper
96 100
61 152.7 113.8 170.6
98 65.3 51.8 77.8





#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

Instrument :

MSVOA_X

ClientSampleId :

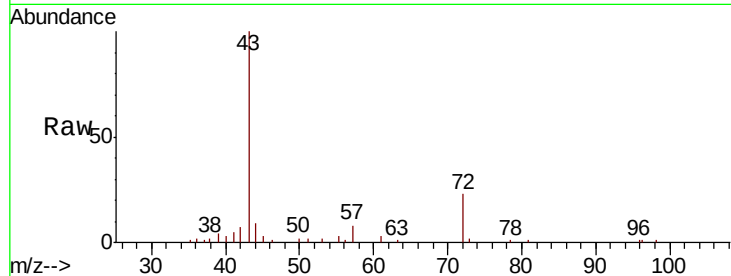
FA18-JEBS-7

Tot Ion: 43 Resp: 16603

Ion Ratio Lower Upper

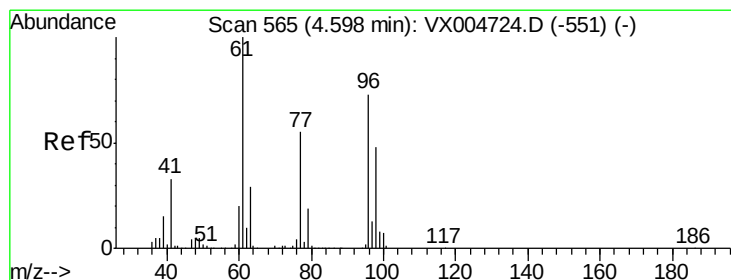
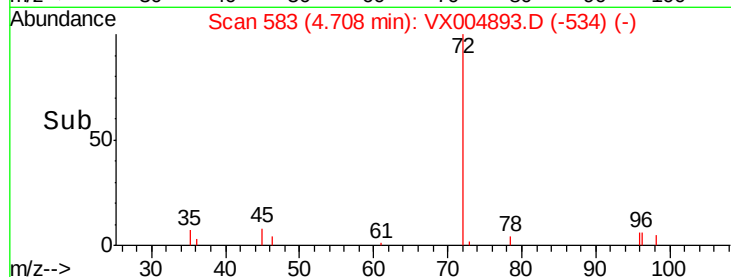
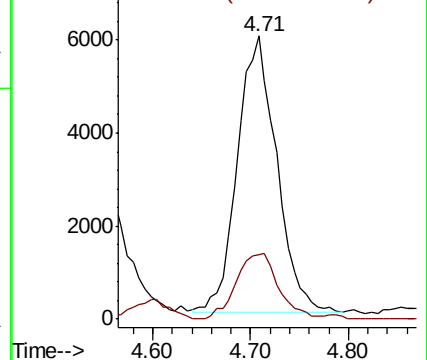
43 100

72 23.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#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

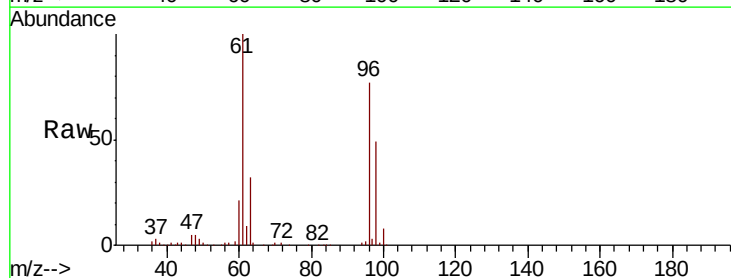
Tgt Ion: 96 Resp: 119641

Ion Ratio Lower Upper

96 100

61 133.3 0.0 282.6

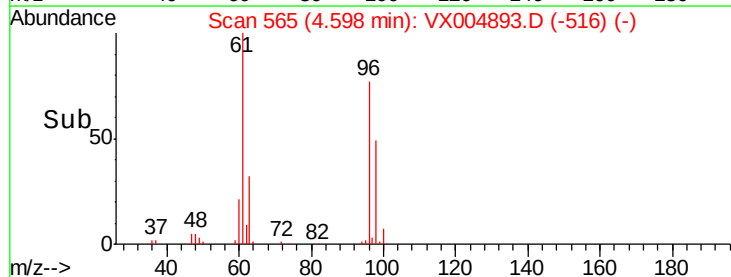
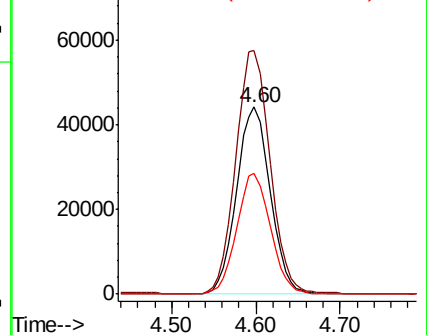
98 64.4 0.0 130.2

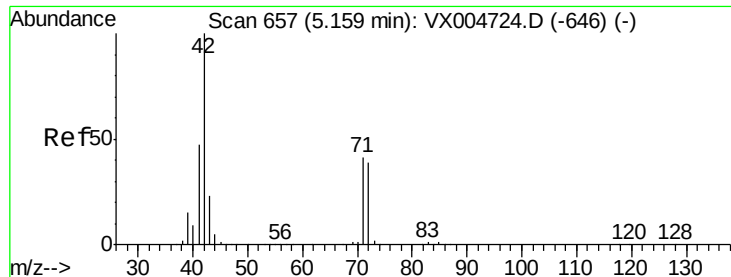


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.497 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7

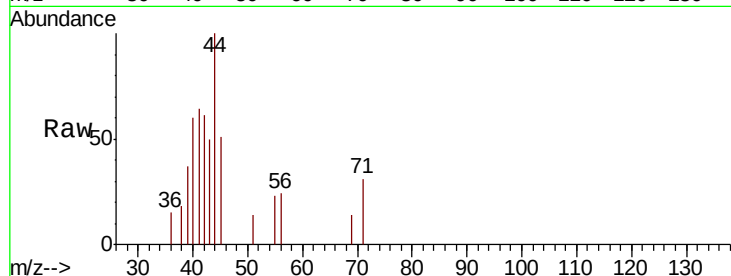
Tot Ion: 42 Resp: 875

Ion Ratio Lower Upper

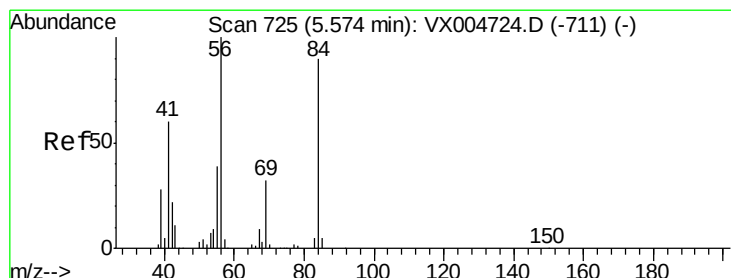
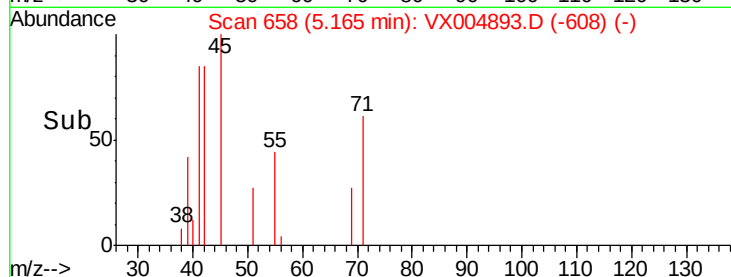
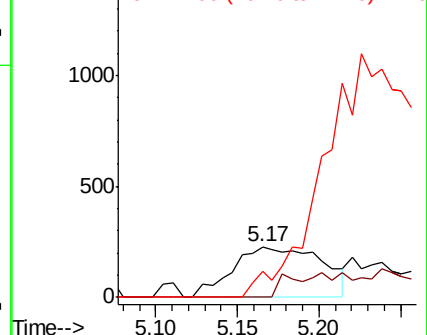
42 100

72 10.9 37.4 56.0#

71 0.0 34.5 51.7#



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



#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

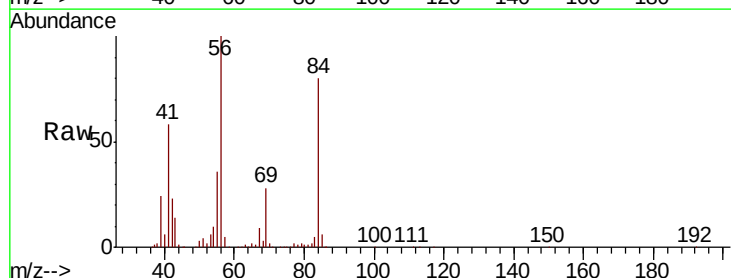
Tgt Ion: 56 Resp: 312968

Ion Ratio Lower Upper

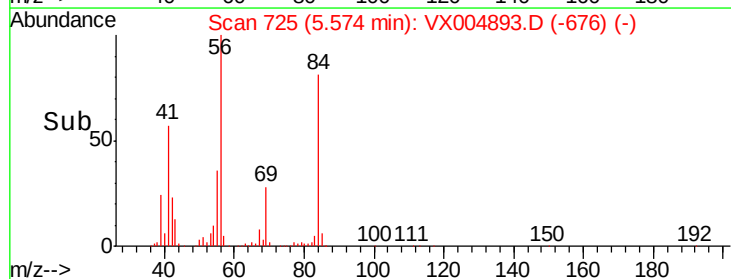
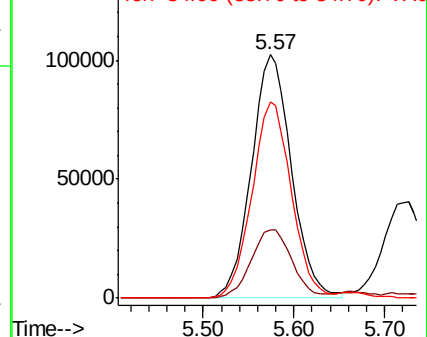
56 100

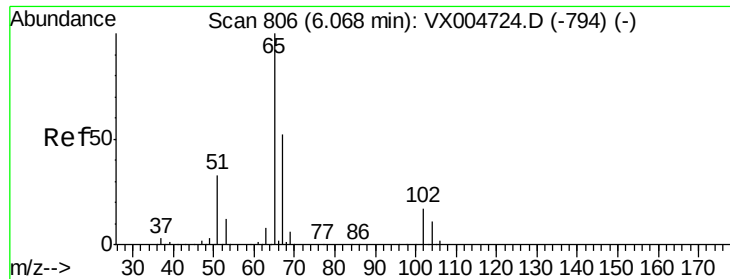
69 28.0 25.4 38.2

84 80.5 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

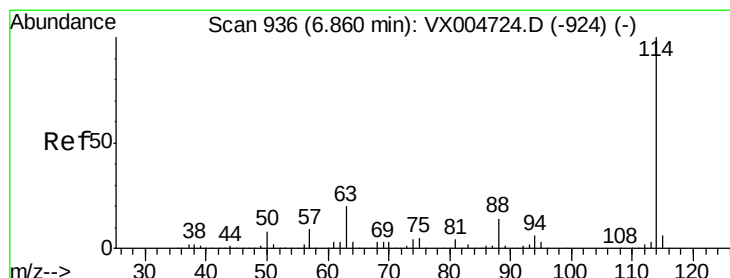
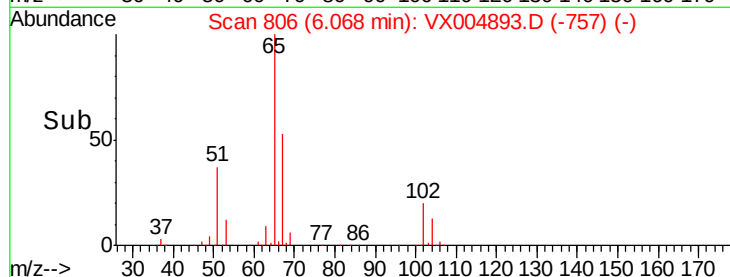
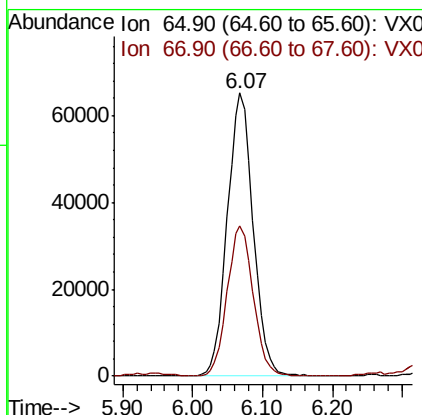
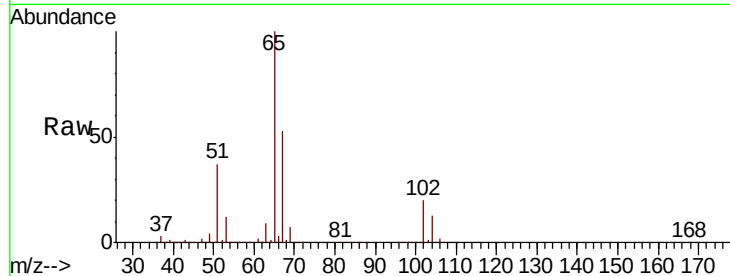




#33
 1,2-Dichloroethane-d4
 Concen: 50.935 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

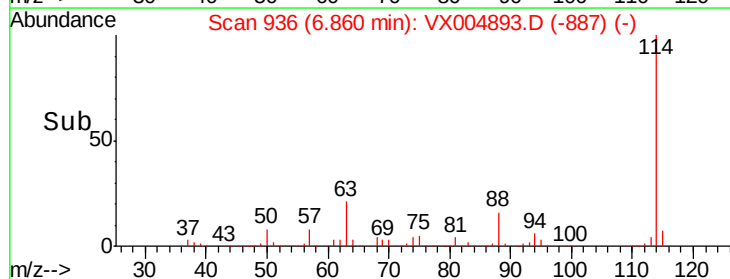
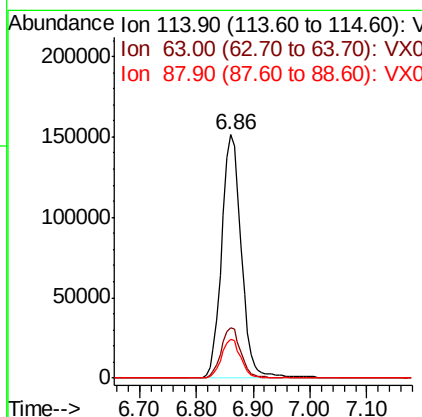
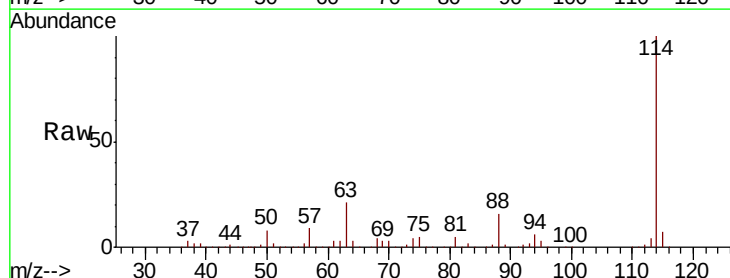
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7

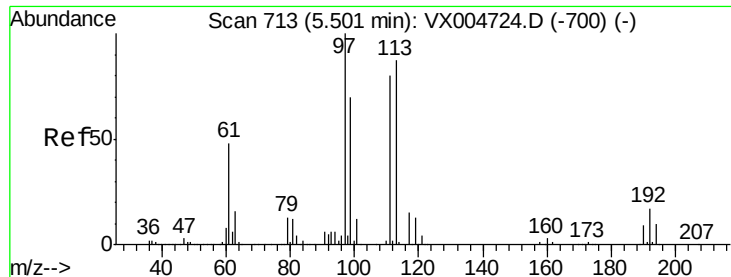
Tot Ion: 65 Resp: 167803
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.8



#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

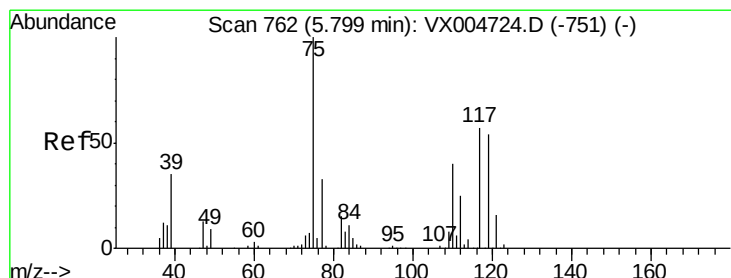
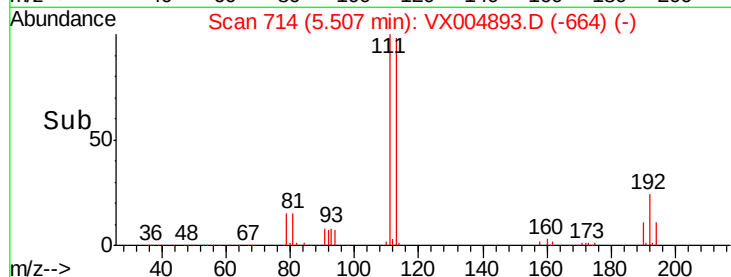
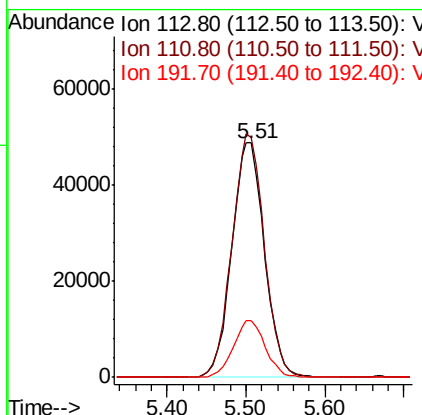
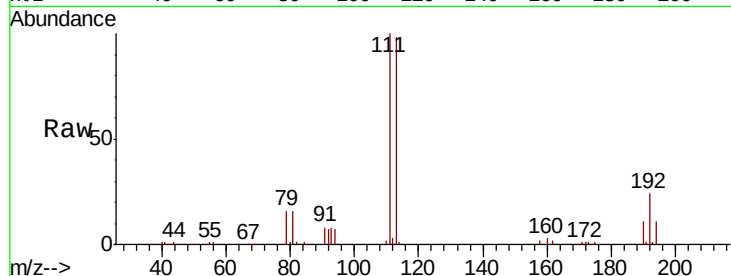




#35
 Dibromofluoromethane
 Concen: 45.317 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

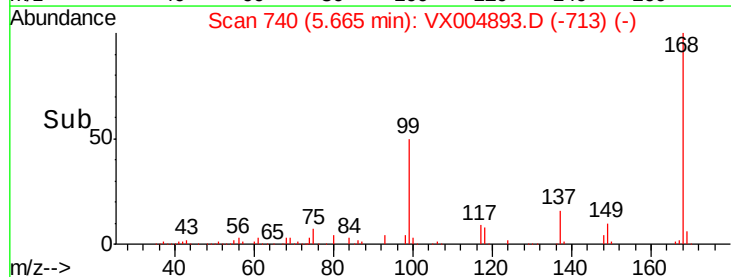
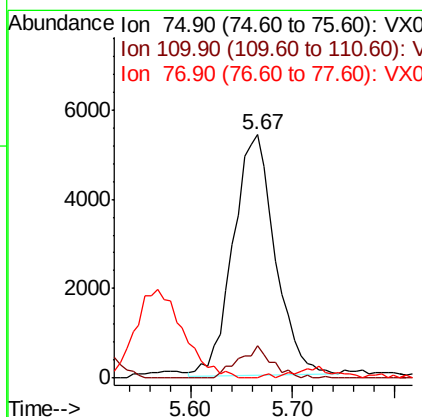
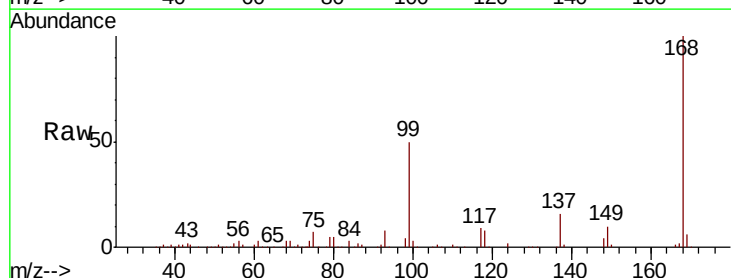
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7

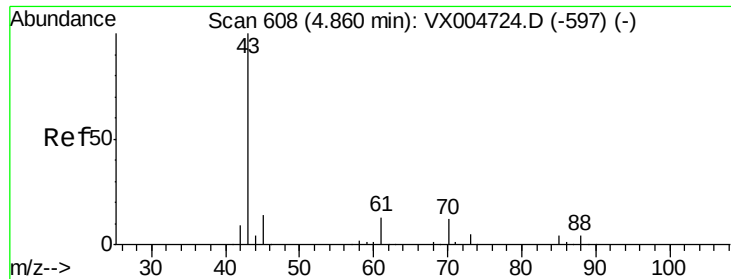
Tot Ion:113 Resp: 140297
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 23.7 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.643 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

Tgt Ion: 75 Resp: 15386
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.0 54.0#
 77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 2.961 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7

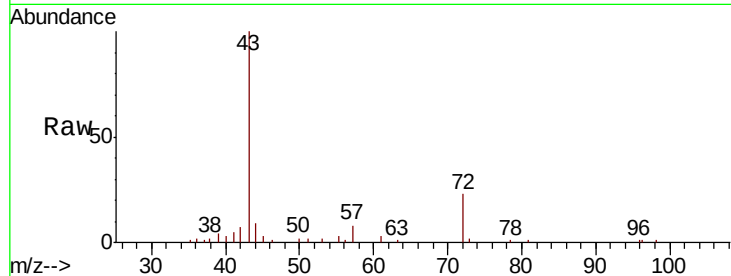
Tot Ion: 43 Resp: 16603

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

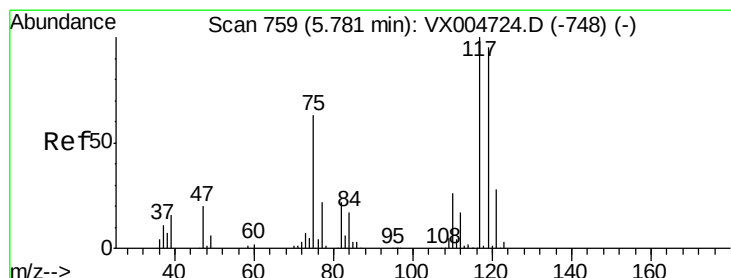
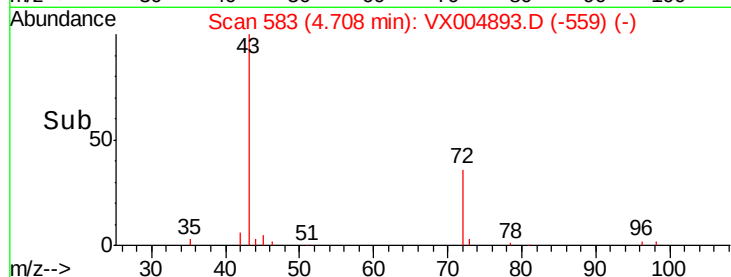
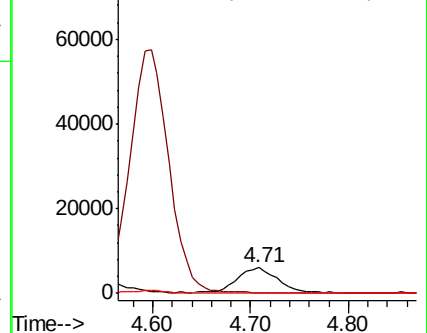
70 0.3 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.669 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

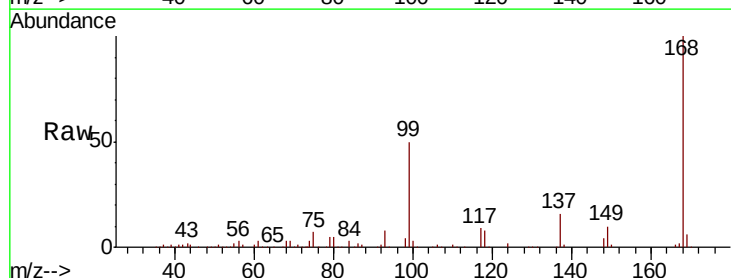
Tgt Ion: 117 Resp: 20731

Ion Ratio Lower Upper

117 100

119 4.8 78.8 118.2#

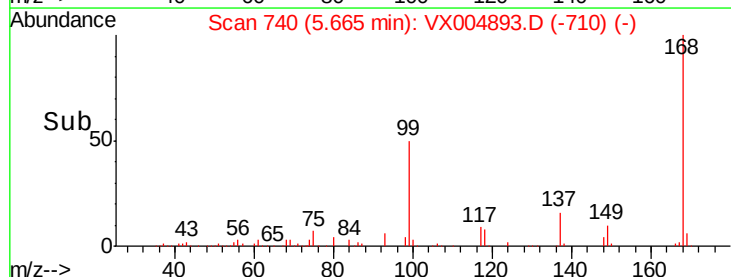
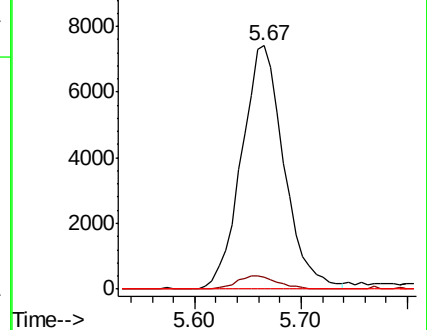
121 0.0 24.9 37.3#

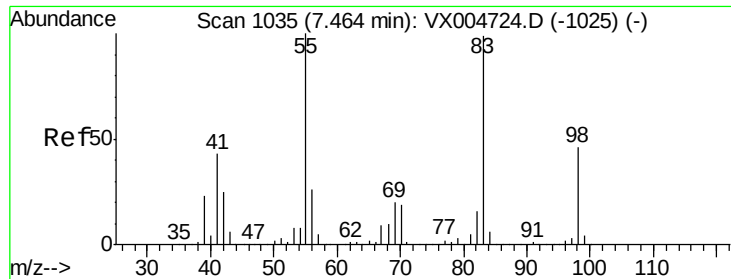


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

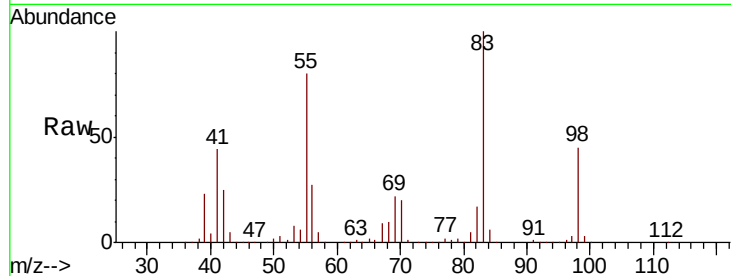




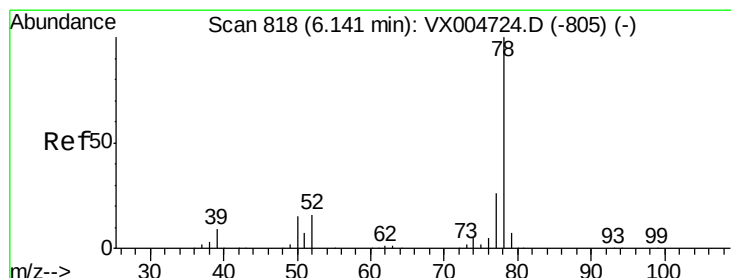
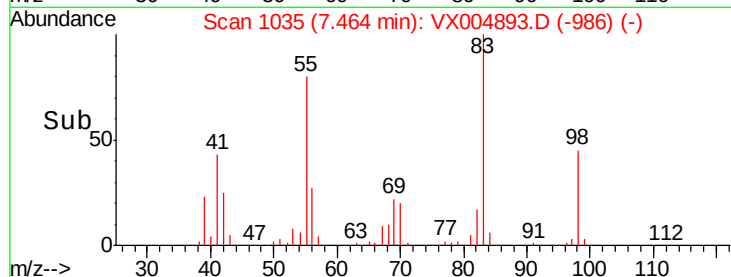
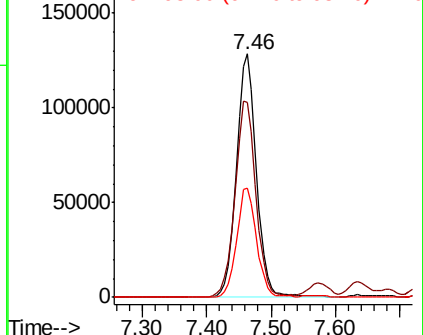
#39
Methylvlcyclohexane
Concen: 64.496 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

Tot Ion: 83 Resp: 278178
Ion Ratio Lower Upper
83 100
55 80.1 61.0 91.4
98 44.8 39.6 59.4

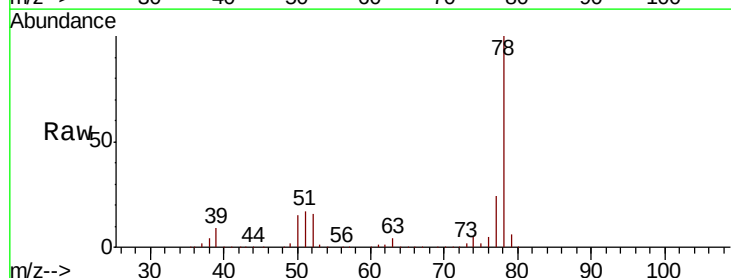


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

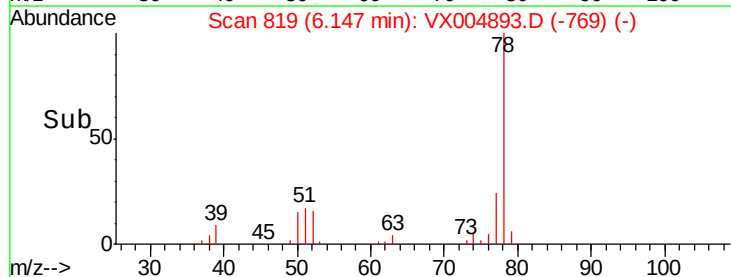
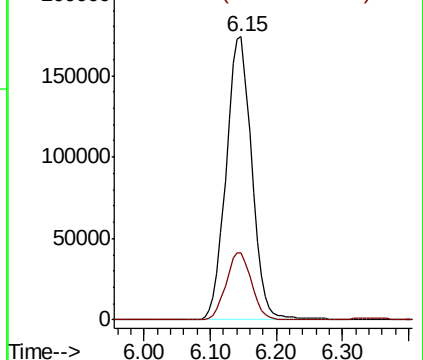


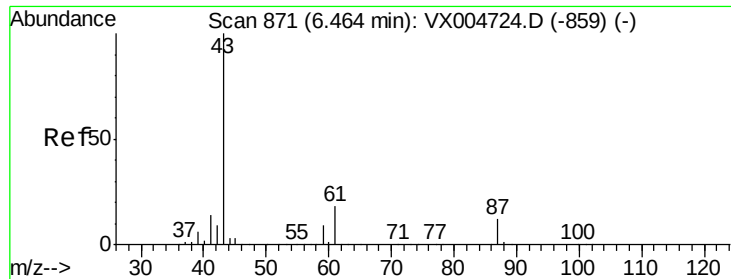
#40
Benzene
Concen: 35.417 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Tgt 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): VX0
Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 41.956 ug/l

RT: 6.34 min Scan# 851

Delta R.T. -0.12 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7

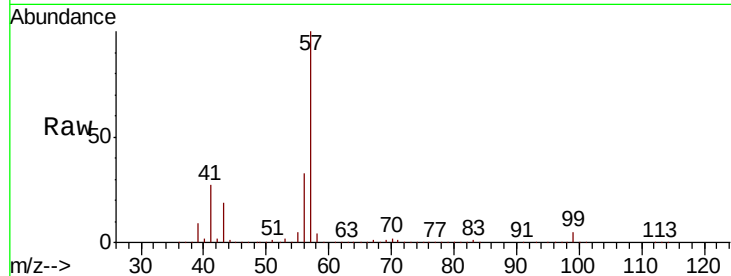
Tot Ion: 43 Resp: 339541

Ion Ratio Lower Upper

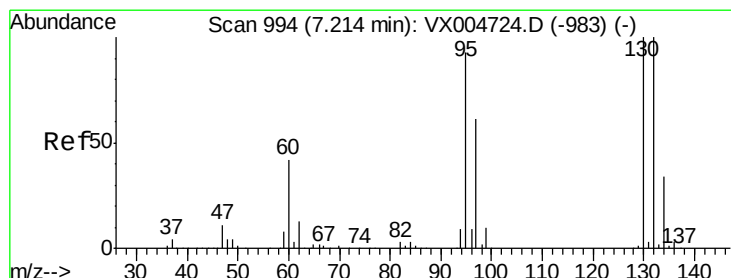
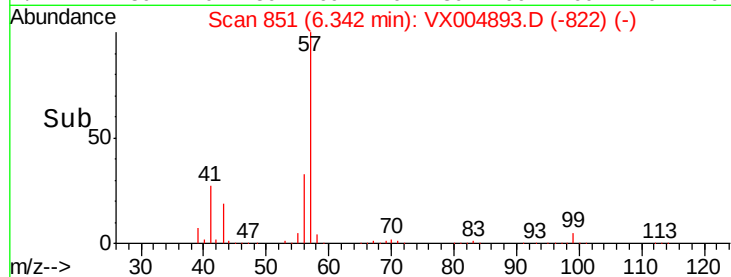
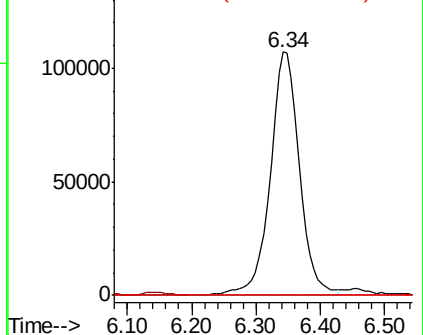
43 100

61 0.2 17.0 25.4#

87 0.0 11.4 17.2#



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



#44

Trichloroethene

Concen: 0.957 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004893.D

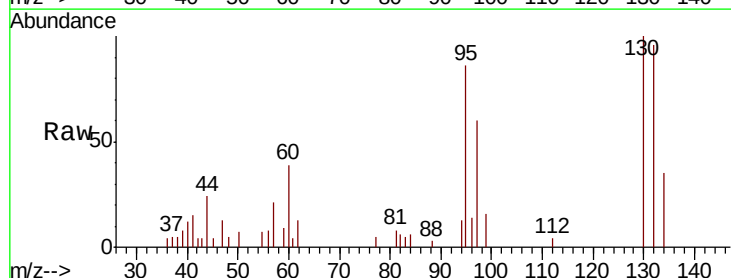
Acq: 02 Oct 2018 02:11

Tgt Ion:130 Resp: 3112

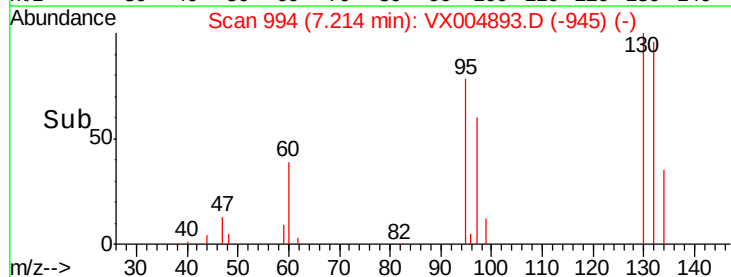
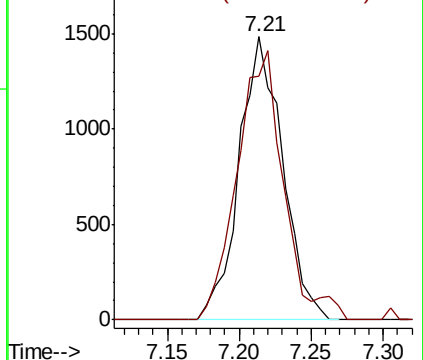
Ion Ratio Lower Upper

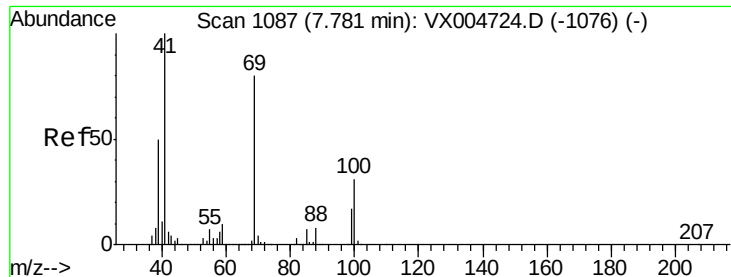
130 100

95 85.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

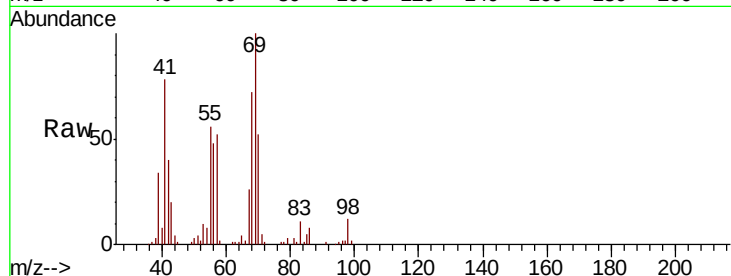




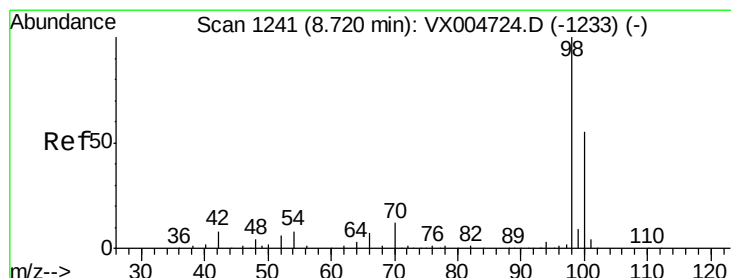
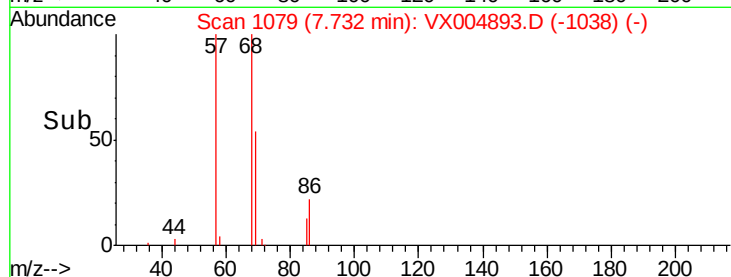
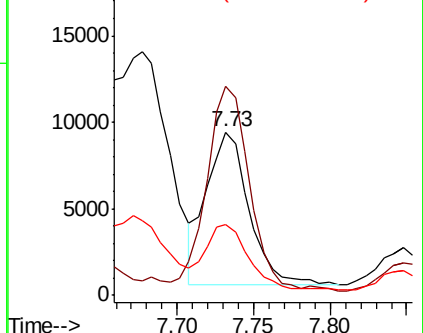
#48
Methyl methacrylate
Concen: 4.614 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.05 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

Tot Ion: 41 Resp: 16949
Ion Ratio Lower Upper
41 100
69 132.2 70.2 105.4#
39 44.3 42.7 64.1

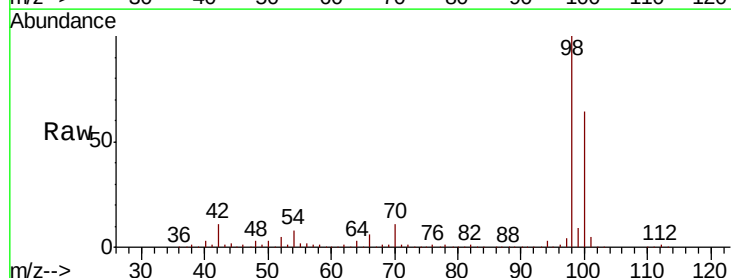


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

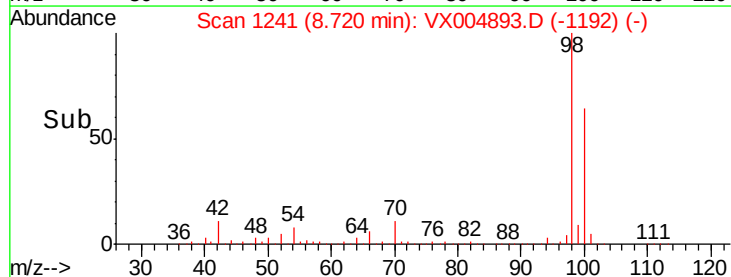
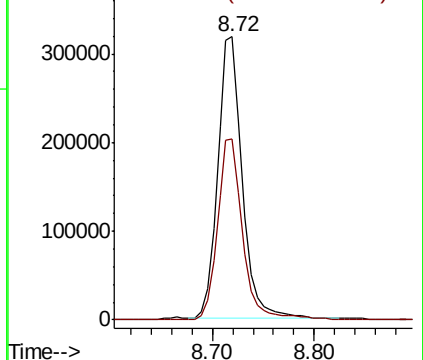


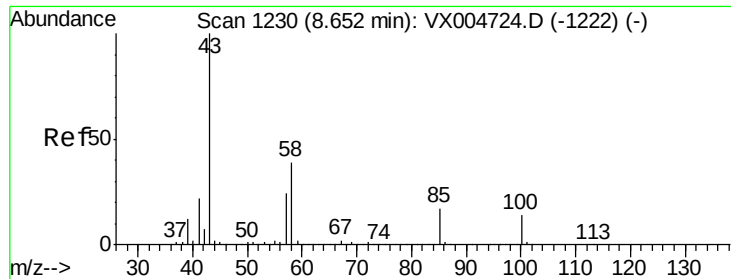
#50
Toluene-d8
Concen: 51.691 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

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



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 10.628 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

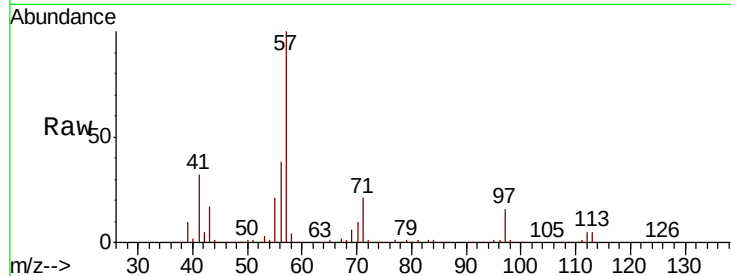
FA18-JEBS-7

Tot Ion: 43 Resp: 54156

Ion Ratio Lower Upper

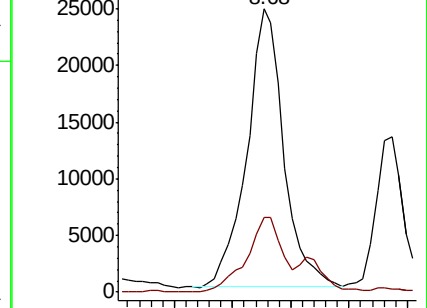
43 100

58 25.8 33.1 49.7#

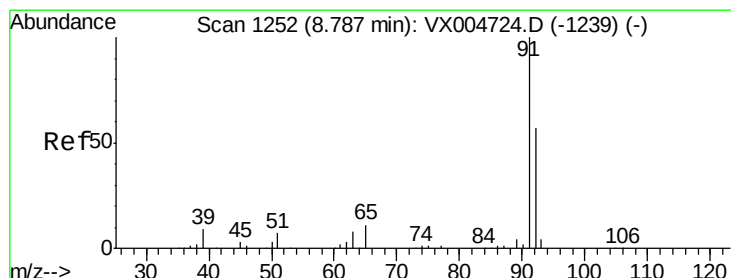
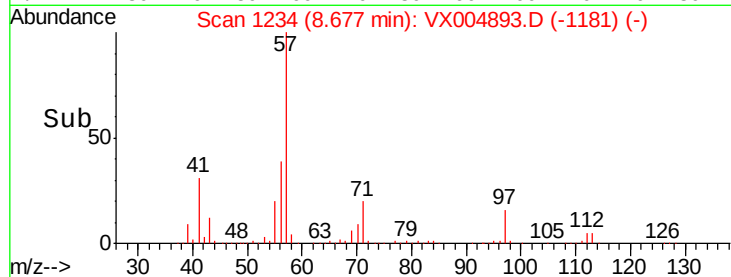


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 154.549 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004893.D

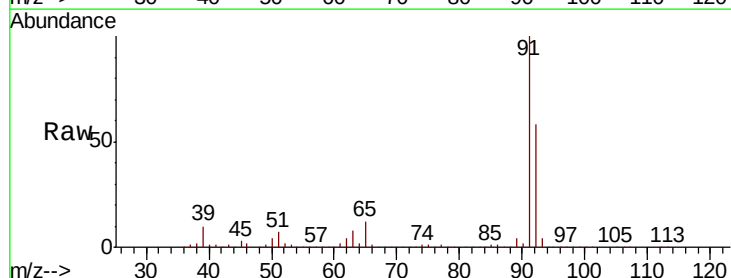
Acq: 02 Oct 2018 02:11

Tgt Ion: 92 Resp: 1123005

Ion Ratio Lower Upper

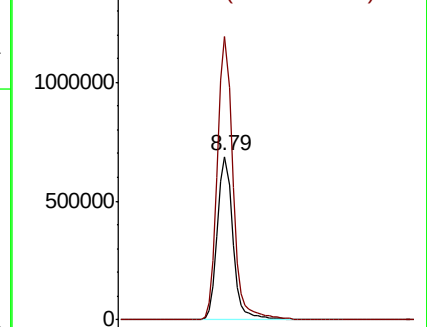
92 100

91 173.4 136.4 204.6

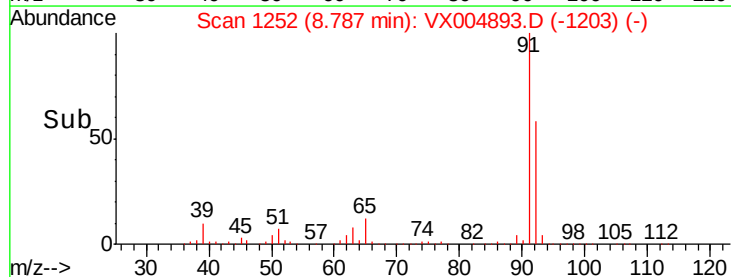


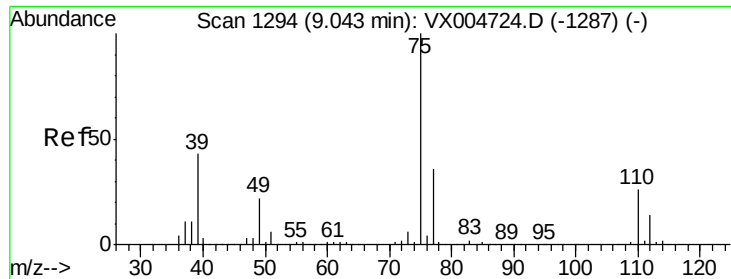
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 2.855 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

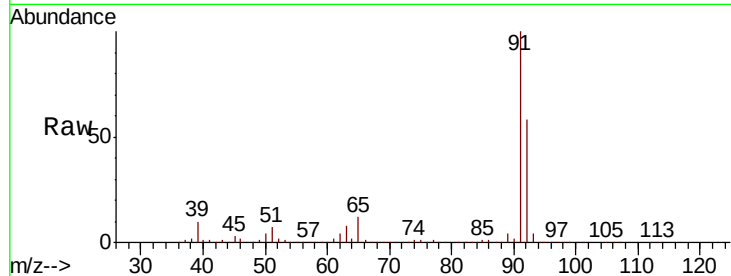
FA18-JEBS-7

Tot Ion: 75 Resp: 12310

Ion Ratio Lower Upper

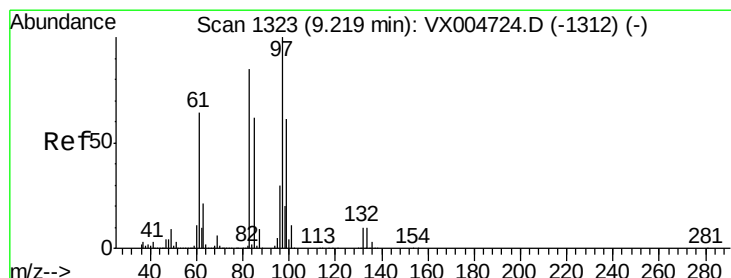
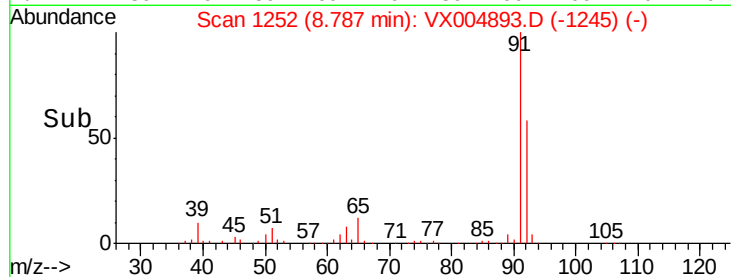
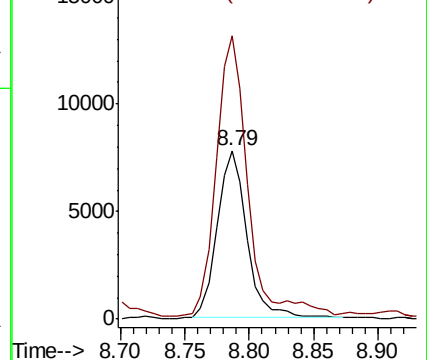
75 100

77 167.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#55

1,1,2-Trichloroethane

Concen: 7.128 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Tgt Ion: 97 Resp: 22687

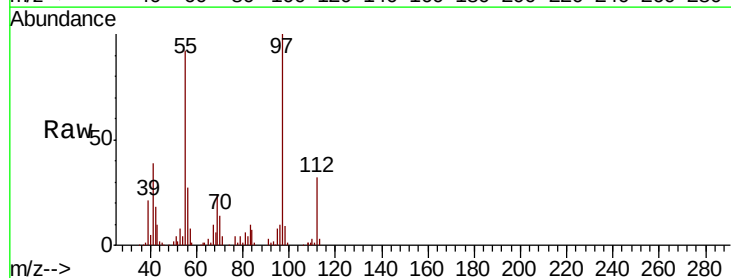
Ion Ratio Lower Upper

97 100

83 7.9 66.4 99.6#

85 0.2 43.3 64.9#

99 0.7 49.0 73.4#

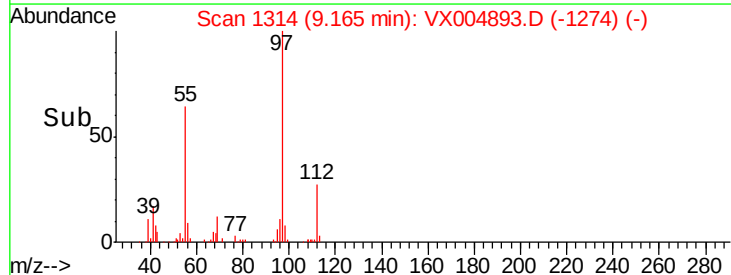
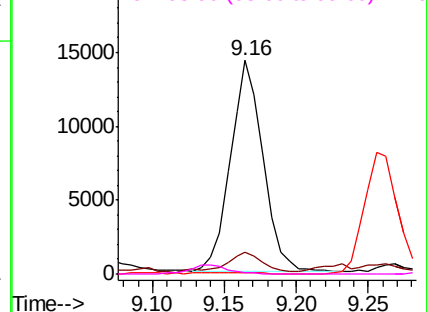


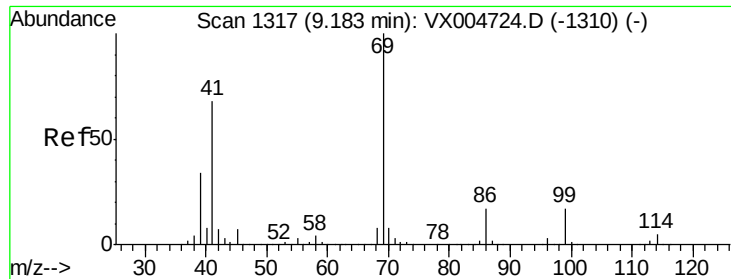
Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 3.866 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7

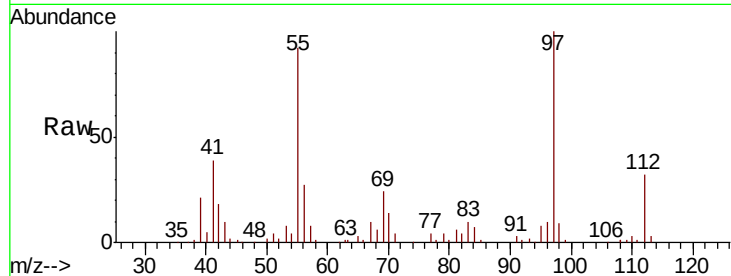
Tot Ion: 69 Resp: 5500

Ion Ratio Lower Upper

69 100

41 175.5 51.0 76.4#

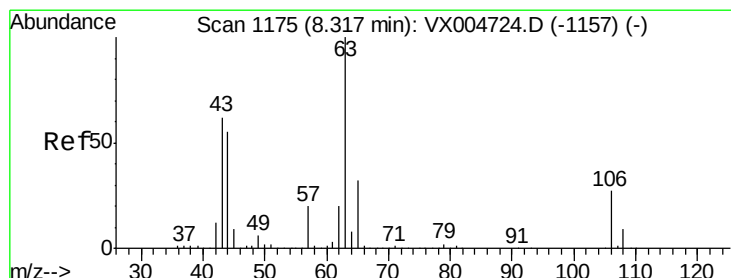
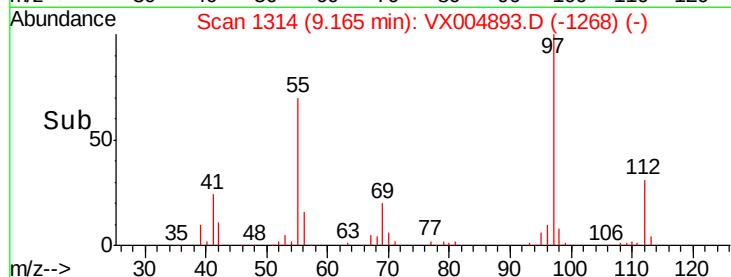
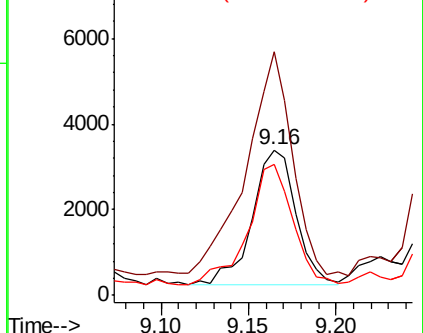
39 90.6 26.1 39.1#



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



#58

2-Chloroethyl Vinyl ether

Concen: 14.268 ug/l

RT: 8.35 min Scan# 1180

Delta R.T. 0.03 min

Lab File: VX004893.D

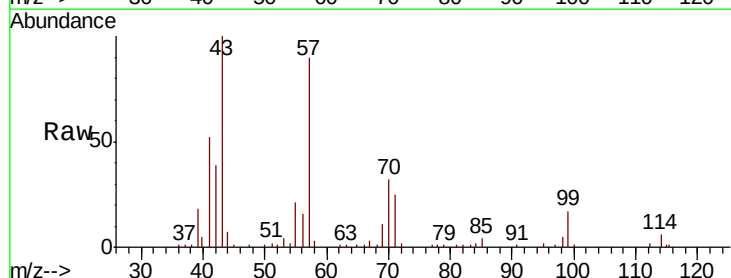
Acq: 02 Oct 2018 02:11

Tgt Ion: 63 Resp: 75

Ion Ratio Lower Upper

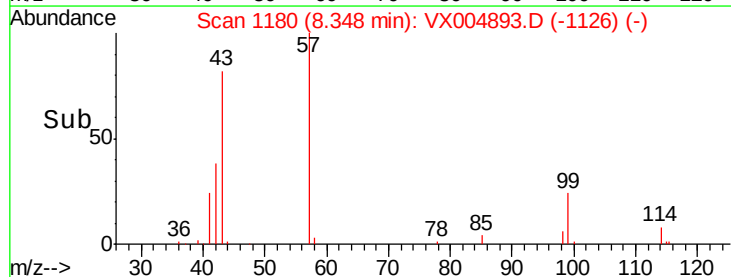
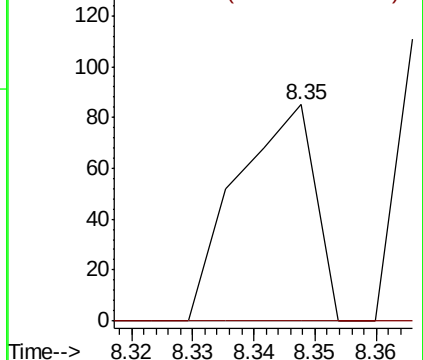
63 100

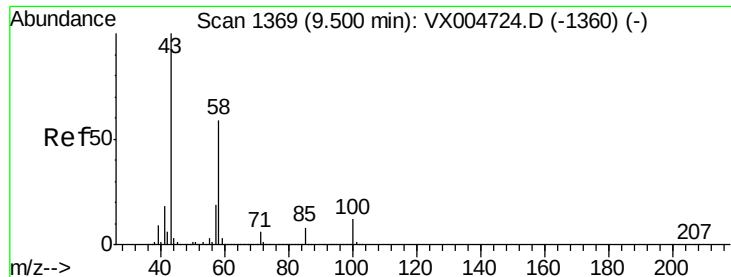
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

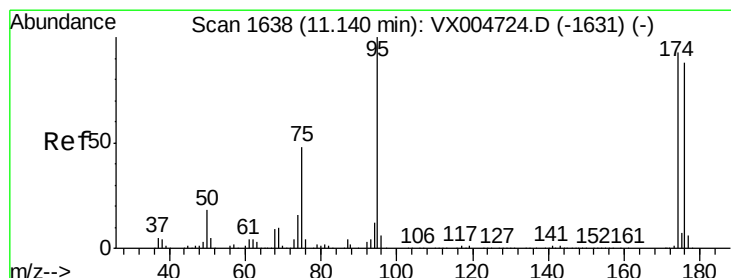
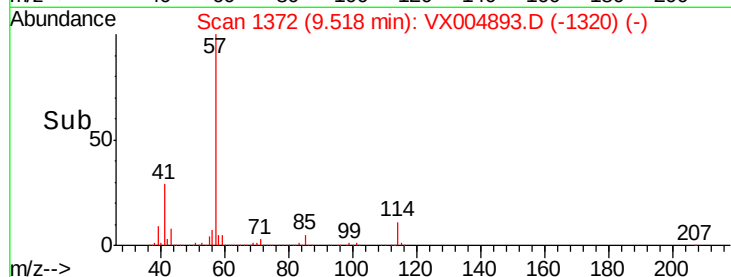
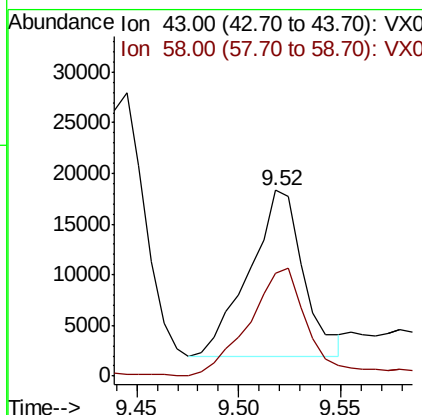
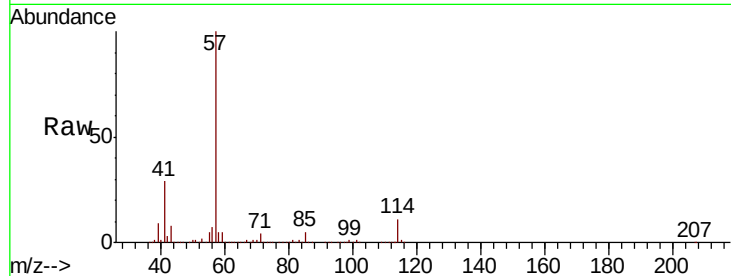




#59
2-Hexanone
Concen: 7.100 ug/l
RT: 9.52 min Scan# 1372
Delta R.T. 0.02 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

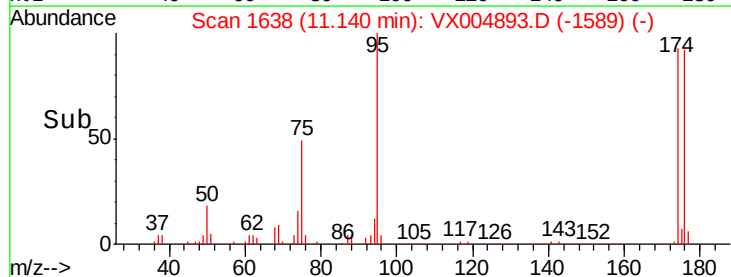
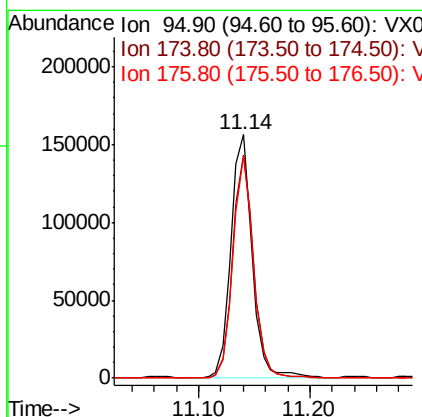
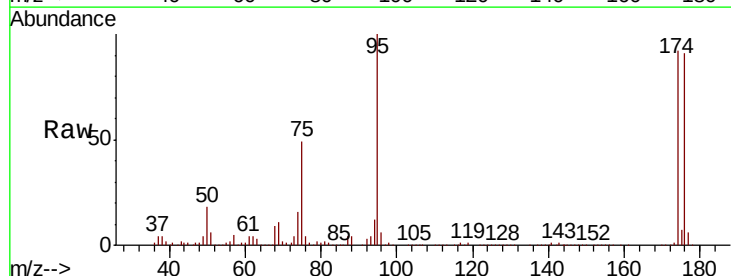
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

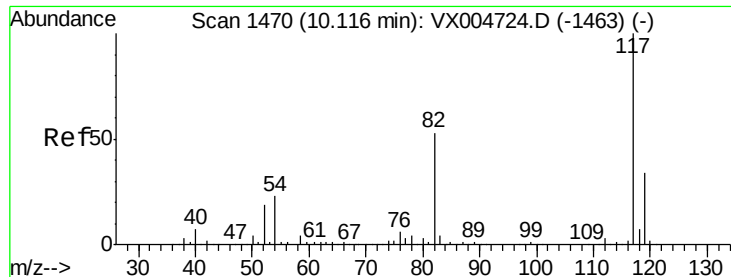
Tot Ion: 43 Resp: 30148
Ion Ratio Lower Upper
43 100
58 72.0 29.0 87.0



#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

Tgt Ion: 95 Resp: 207262
Ion Ratio Lower Upper
95 100
174 89.5 0.0 185.2
176 87.5 0.0 178.6

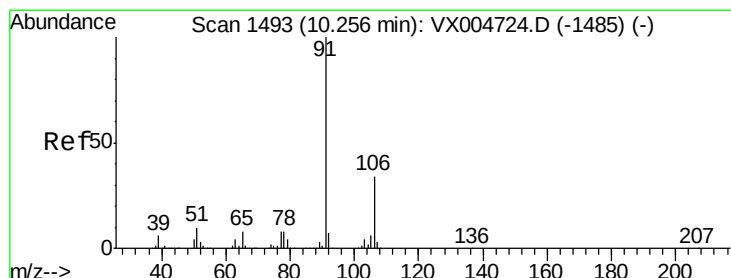
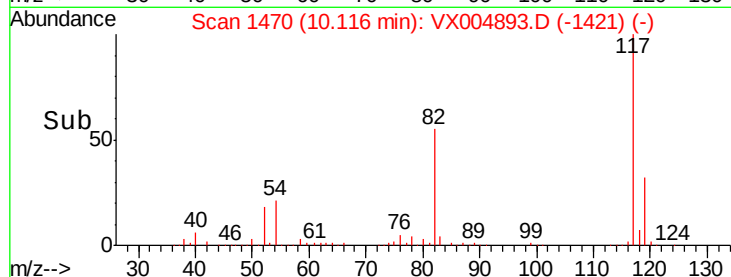
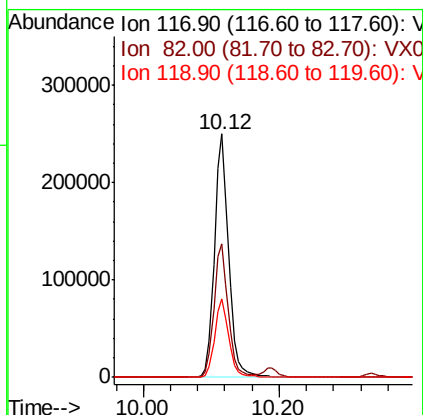
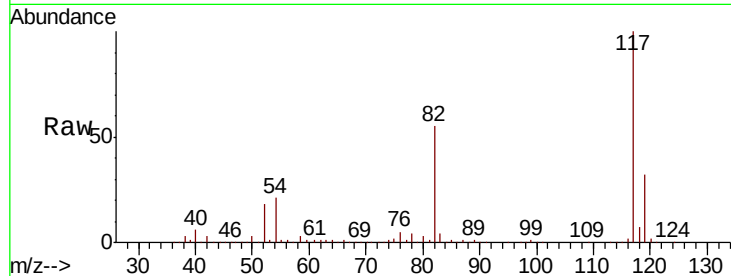




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004893.D
Acq: 02 Oct 2018 02:11

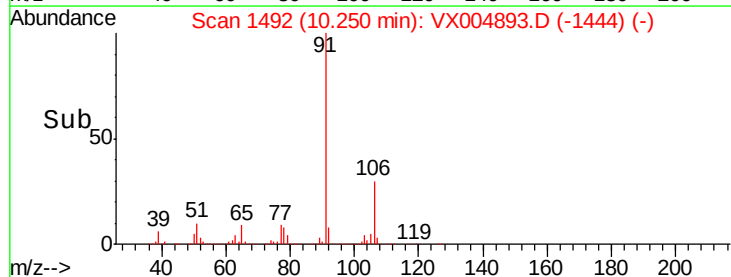
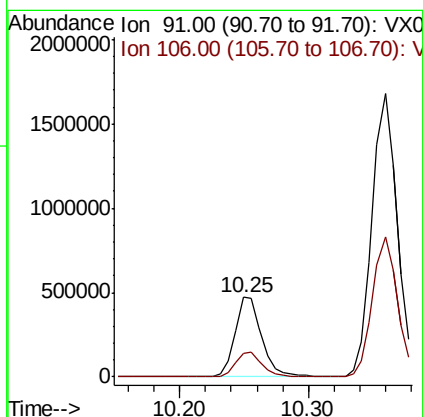
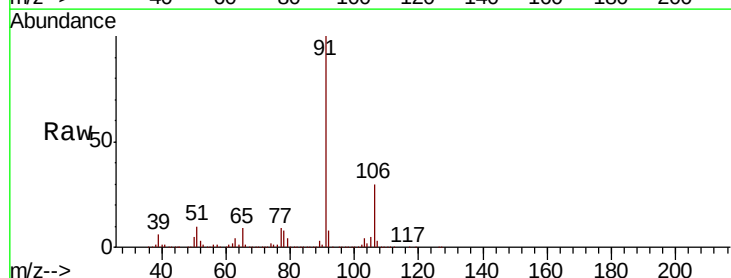
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

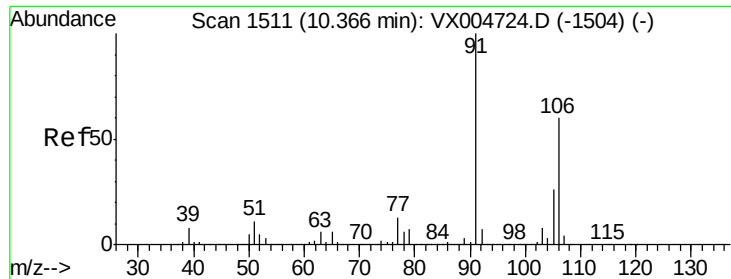
Tot Ion:117 Resp: 364076
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.6
119 32.2 29.3 43.9



#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

Tgt 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

Instrument :

MSVOA_X

ClientSampleId :

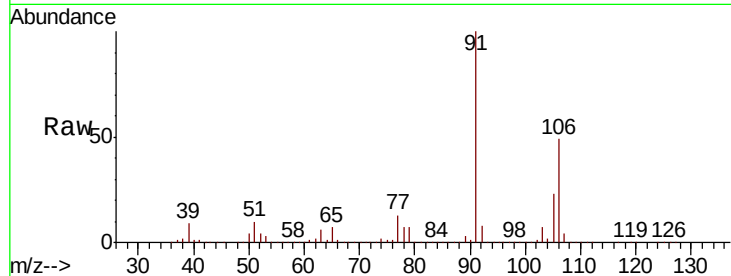
FA18-JEBS-7

Tot Ion:106 Resp: 1140149

Ion Ratio Lower Upper

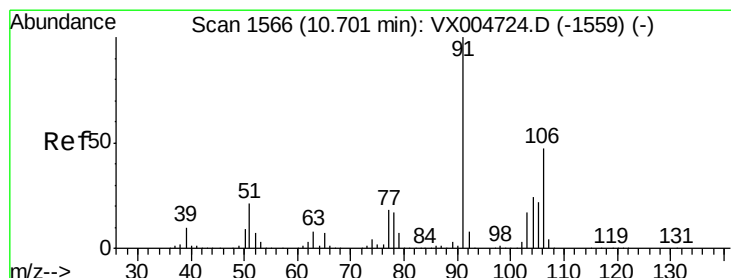
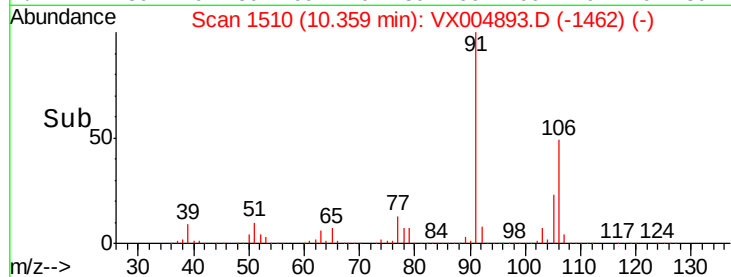
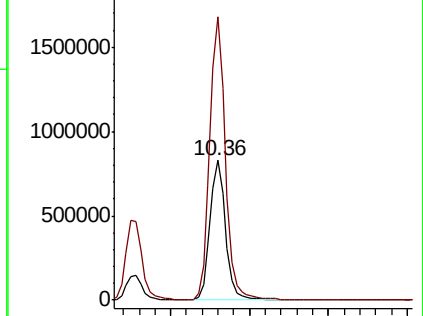
106 100

91 203.8 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 55.764 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX004893.D

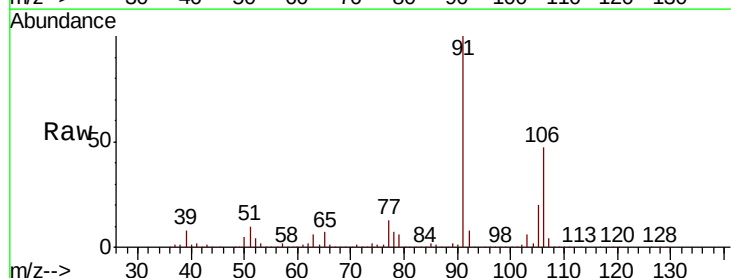
Acq: 02 Oct 2018 02:11

Tgt Ion:106 Resp: 296661

Ion Ratio Lower Upper

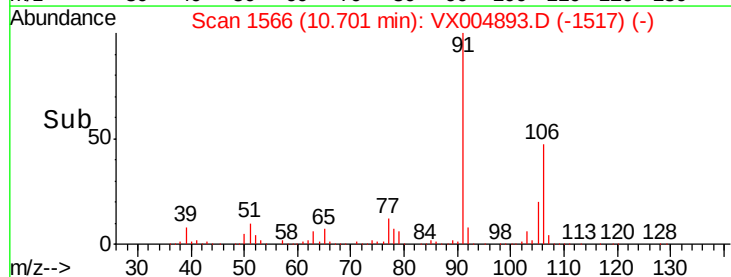
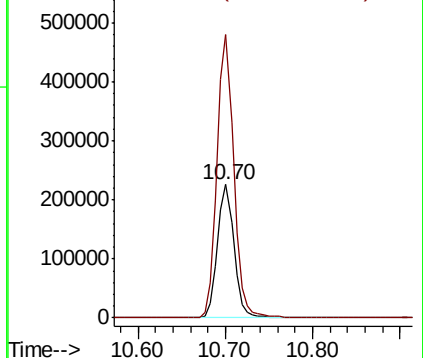
106 100

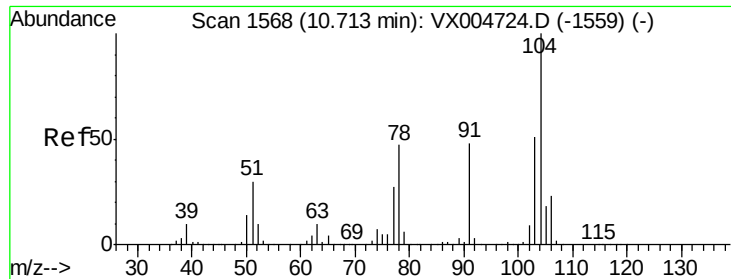
91 214.4 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 3.614 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampled :

FA18-JEBS-7

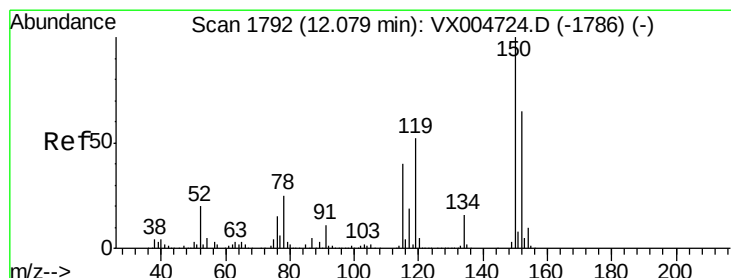
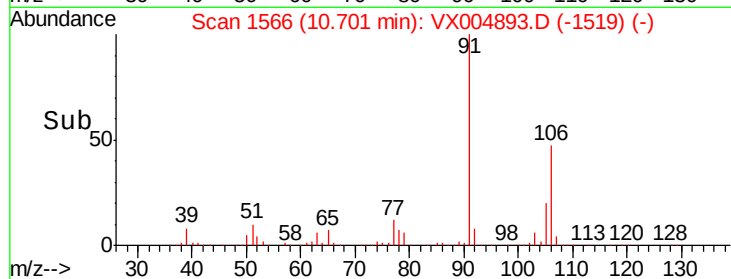
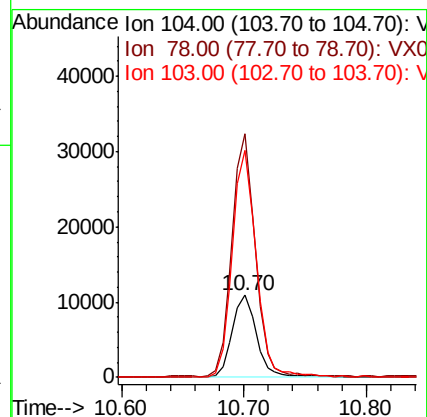
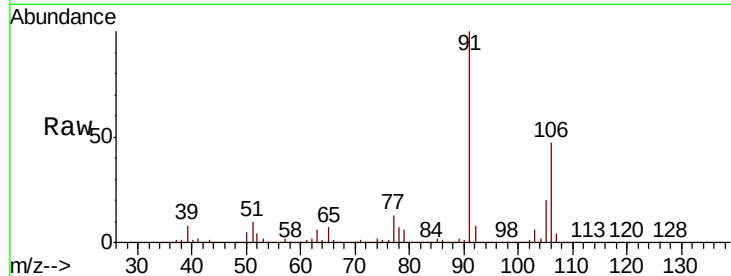
Tot Ion:104 Resp: 15318

Ion Ratio Lower Upper

104 100

78 277.4 37.4 56.0#

103 267.8 43.8 65.6#



#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

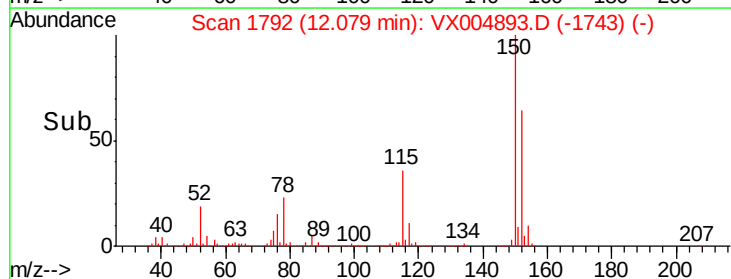
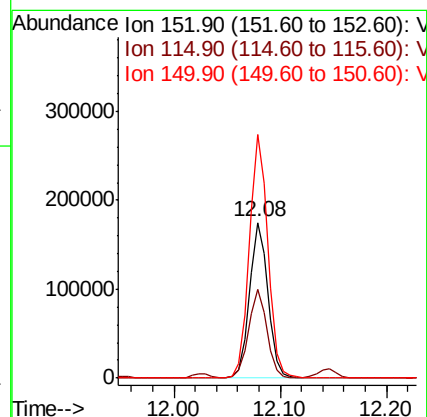
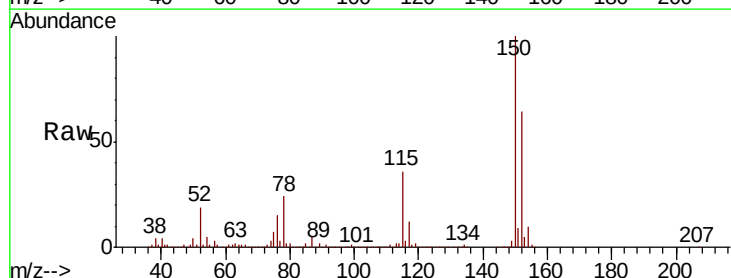
Tgt Ion:152 Resp: 212305

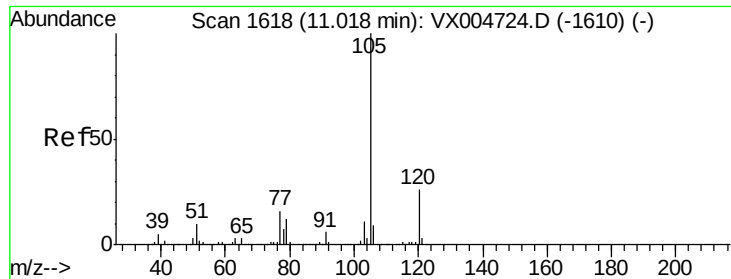
Ion Ratio Lower Upper

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 :

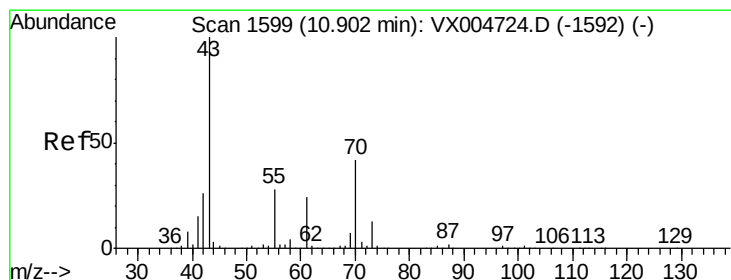
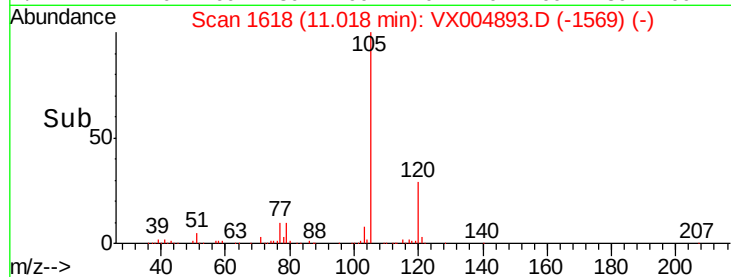
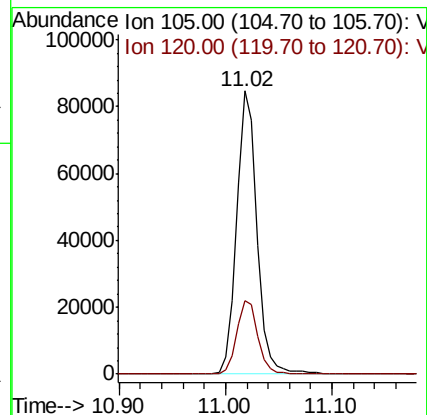
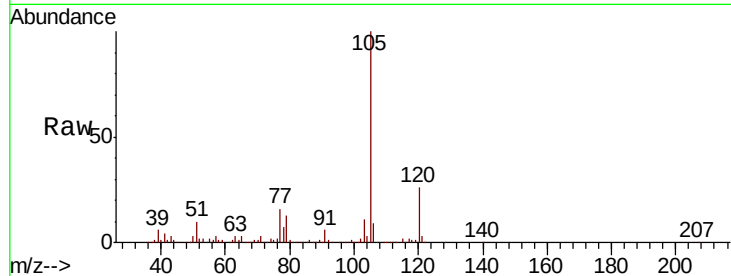
FA18-JEBS-7

Tot Ion:105 Resp: 113737

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 2.296 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Tgt Ion: 43 Resp: 4177

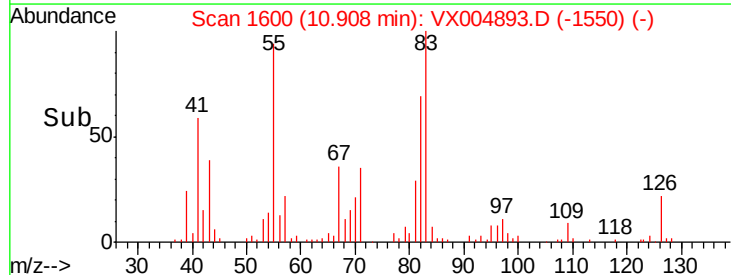
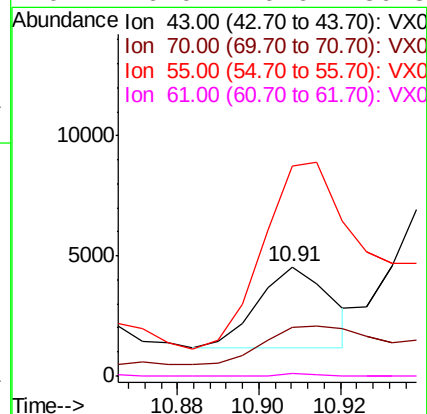
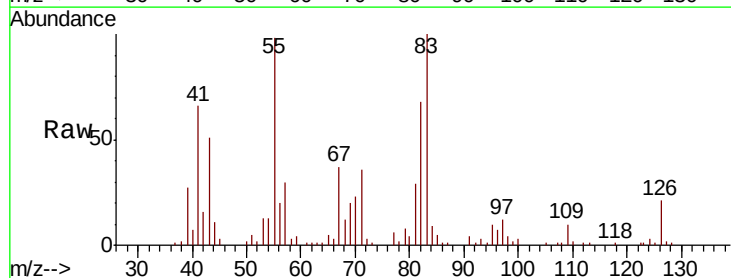
Ion Ratio Lower Upper

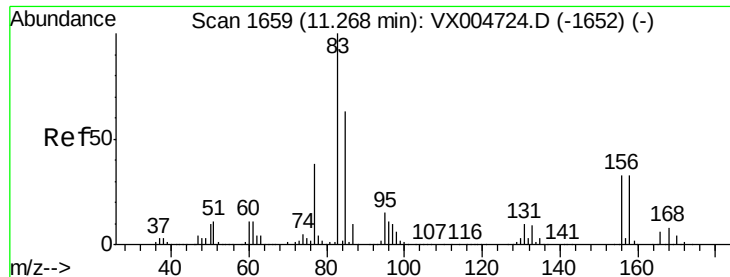
43 100

70 124.9 37.4 56.0#

55 439.0 21.8 32.8#

61 0.0 20.6 30.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.387 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7

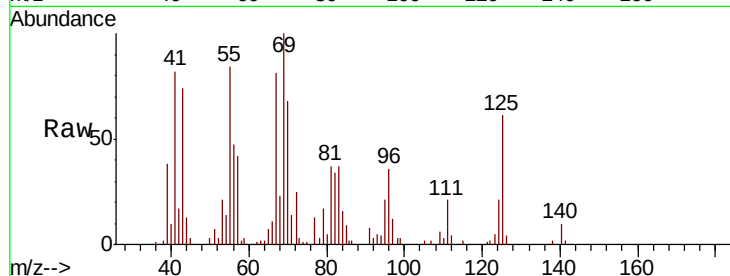
Tot Ion: 83 Resp: 2110

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

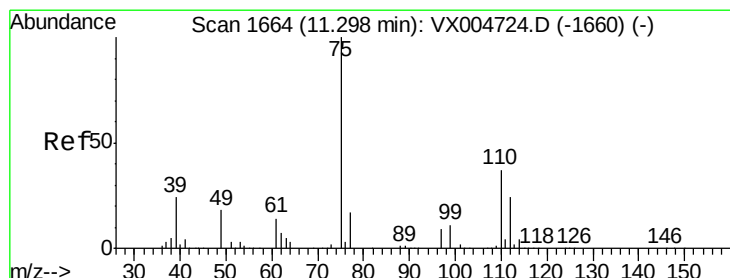
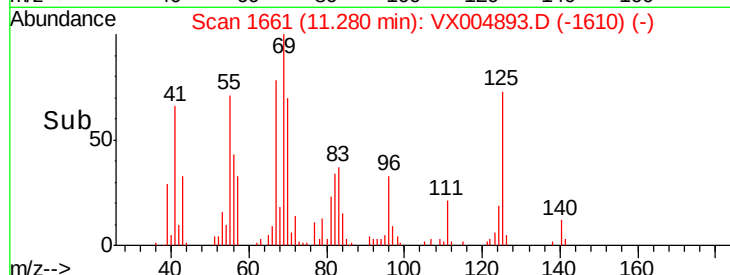
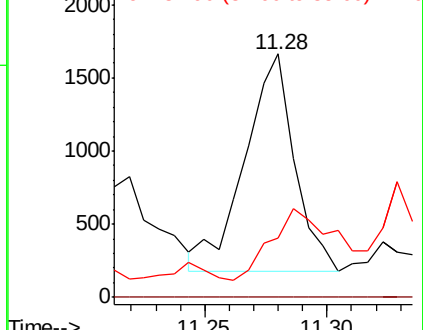
85 41.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.070 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX004893.D

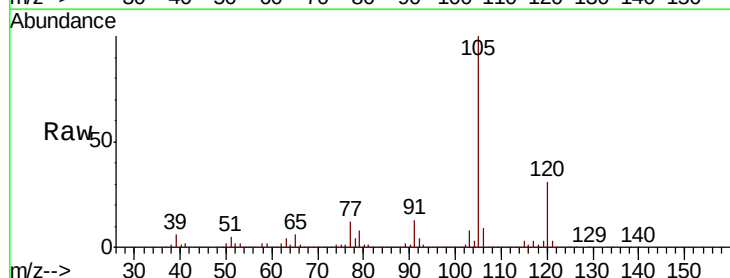
Acq: 02 Oct 2018 02:11

Tgt Ion: 75 Resp: 5091

Ion Ratio Lower Upper

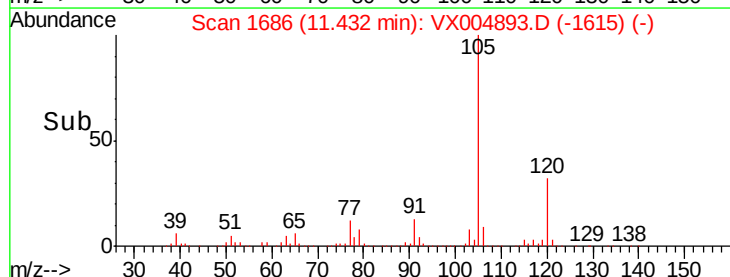
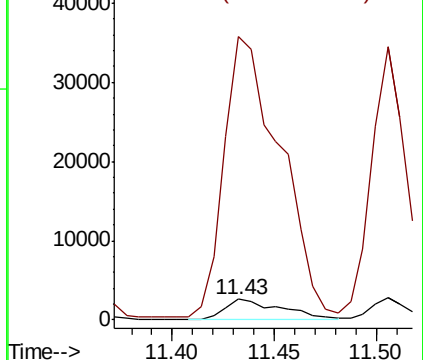
75 100

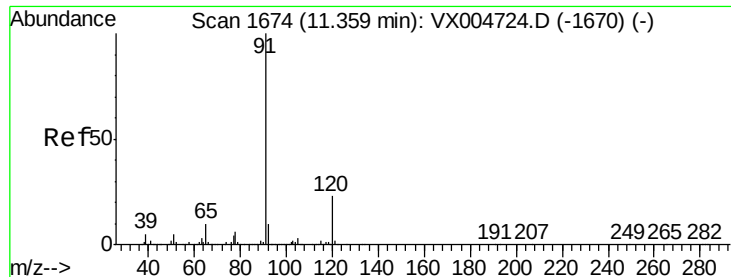
77 1345.6 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 9.874 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampled :

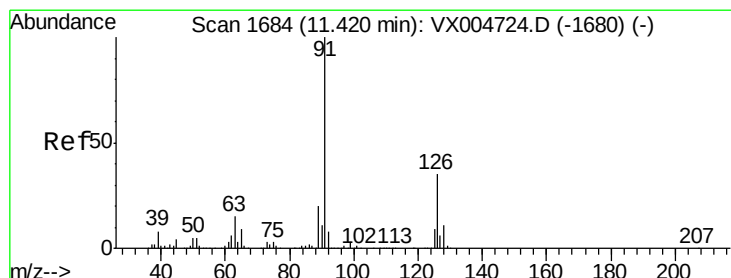
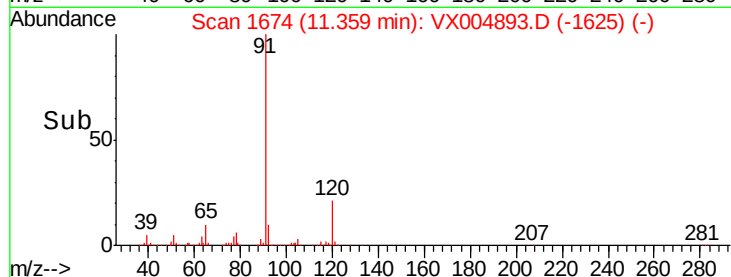
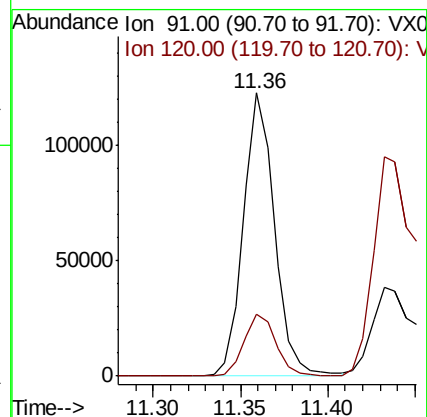
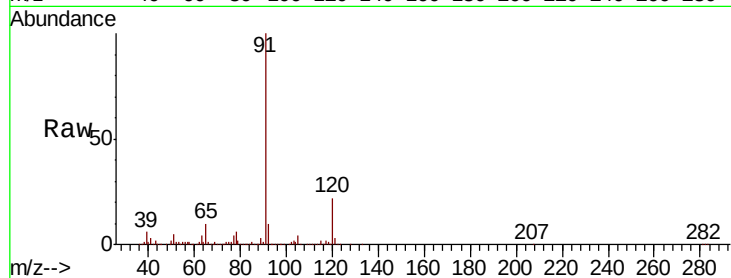
FA18-JEBS-7

Tot Ion: 91 Resp: 151601

Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.9



#79

2-Chlorotoluene

Concen: 7.485 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX004893.D

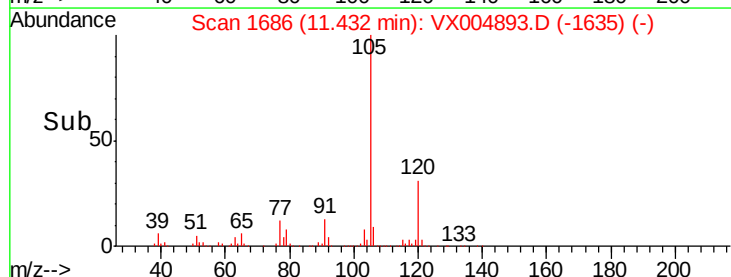
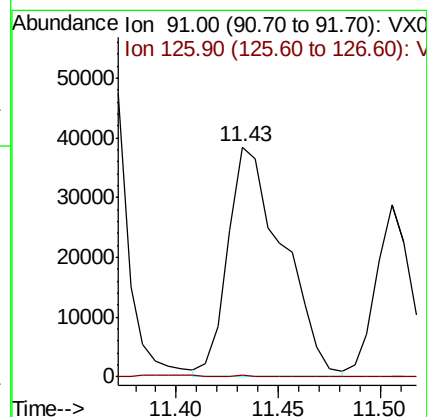
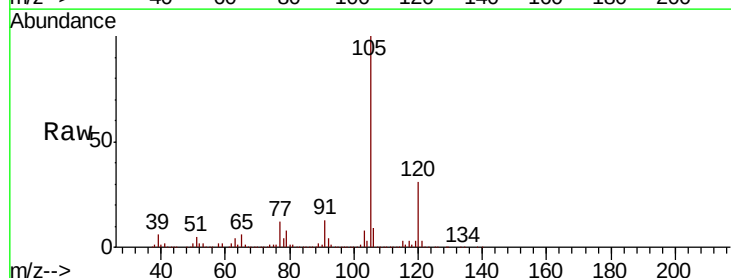
Acq: 02 Oct 2018 02:11

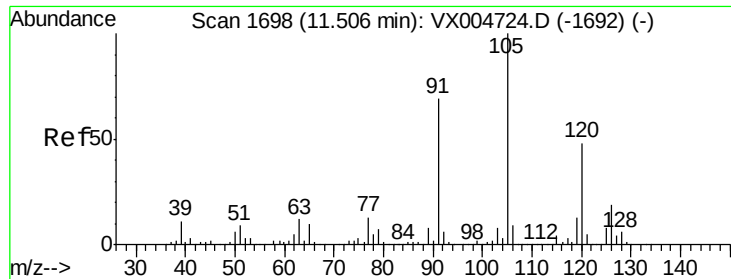
Tgt Ion: 91 Resp: 71631

Ion Ratio Lower Upper

91 100

126 0.5 17.9 53.7#

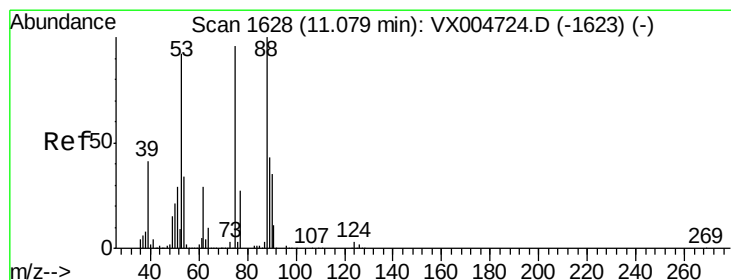
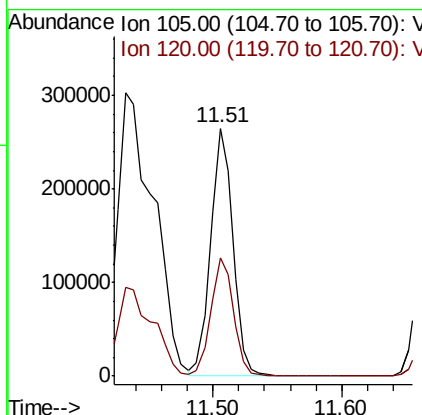
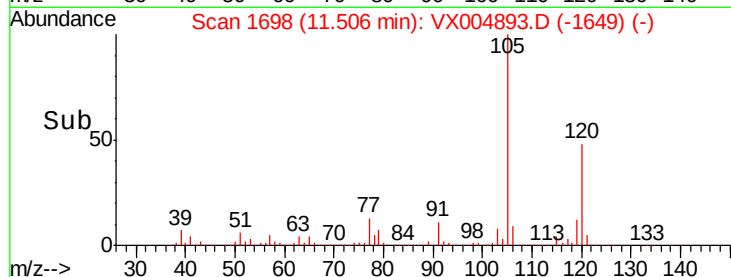
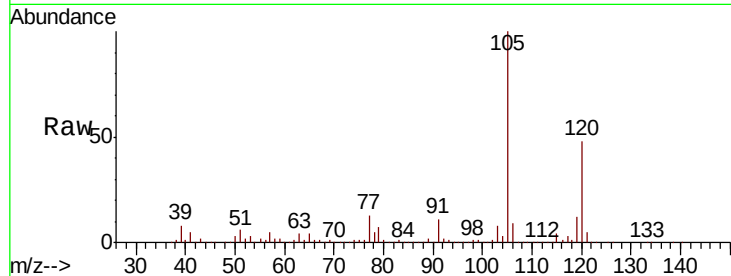




#80
 1,3,5-Trimethylbenzene
 Concen: 26.284 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

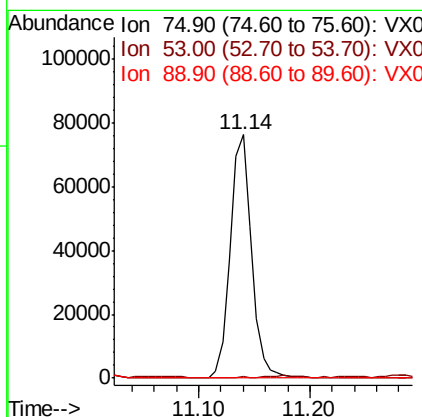
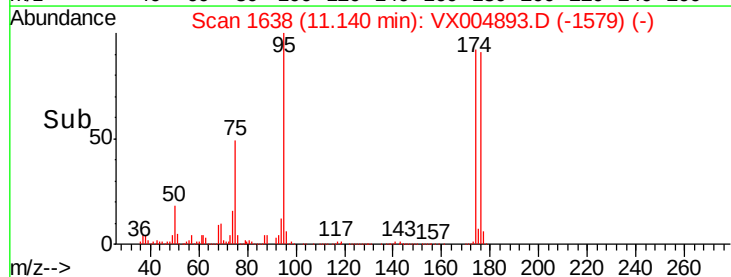
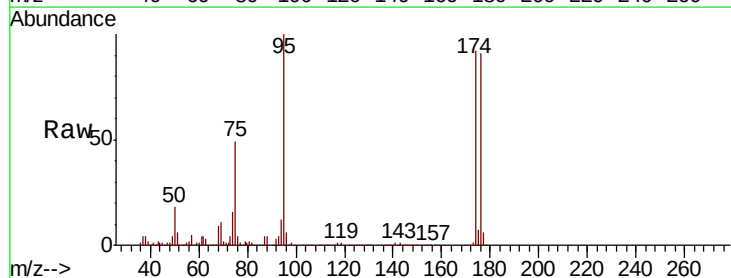
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7

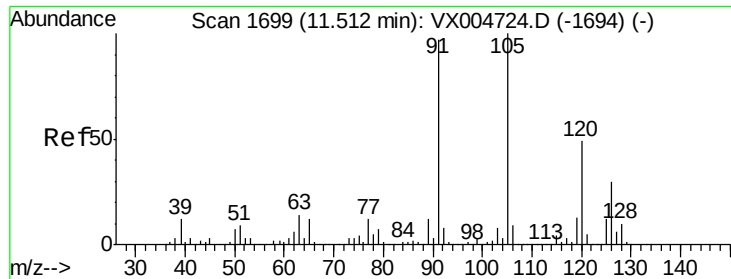
Tot Ion:105 Resp: 323523
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.719 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

Tgt Ion: 75 Resp: 101261
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.1 120.1#
 89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 3.047 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

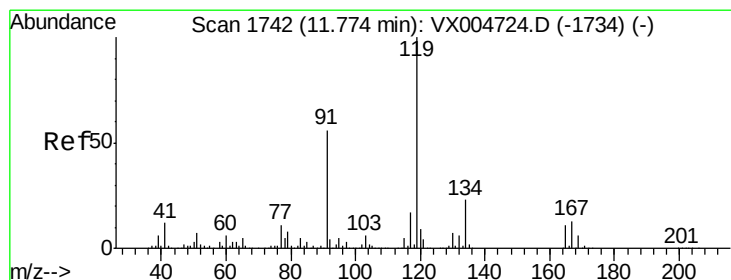
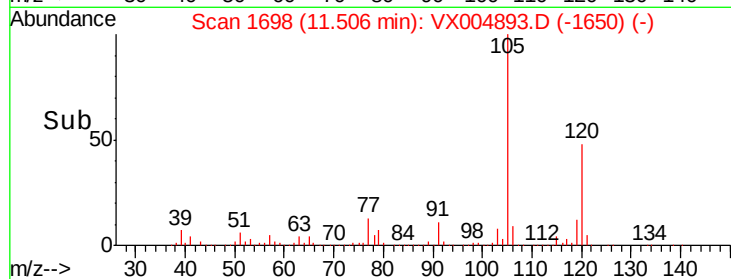
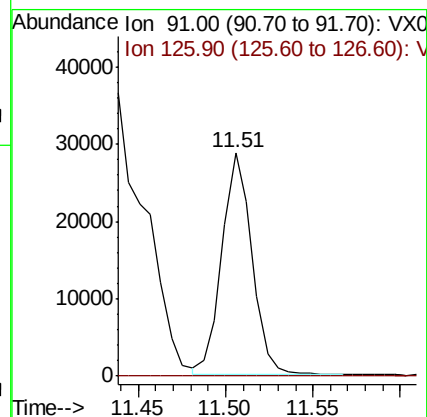
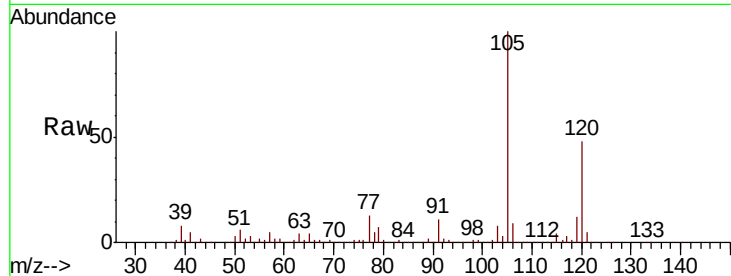
FA18-JEBS-7

Tot Ion: 91 Resp: 34329

Ion Ratio Lower Upper

91 100

126 0.3 15.5 46.5#



#83

tert-Butylbenzene

Concen: 0.496 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

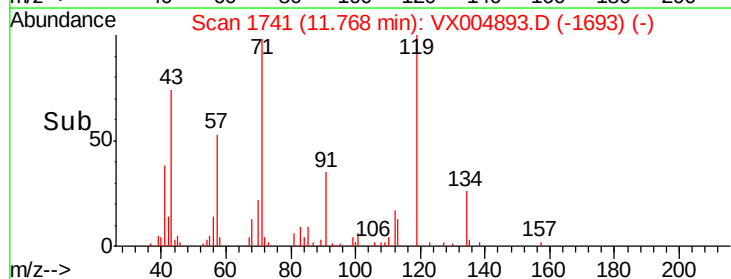
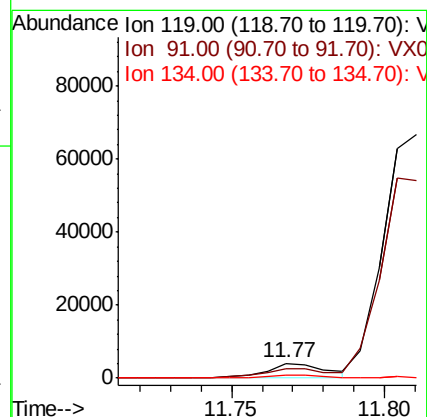
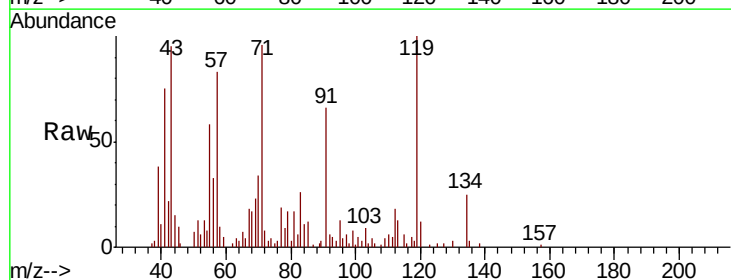
Tgt Ion: 119 Resp: 5462

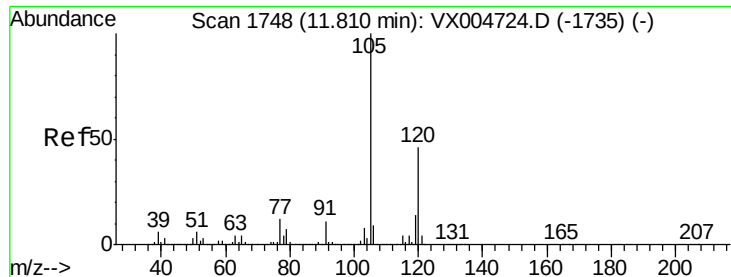
Ion Ratio Lower Upper

119 100

91 58.4 27.0 81.0

134 23.9 11.7 35.1

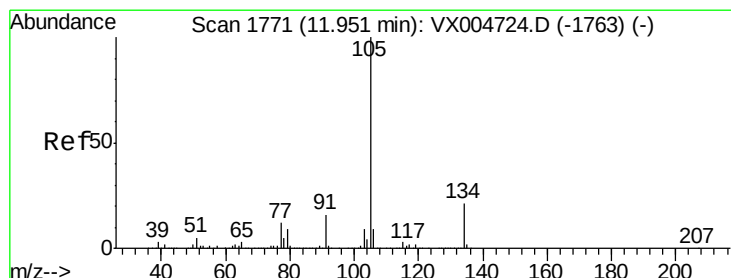
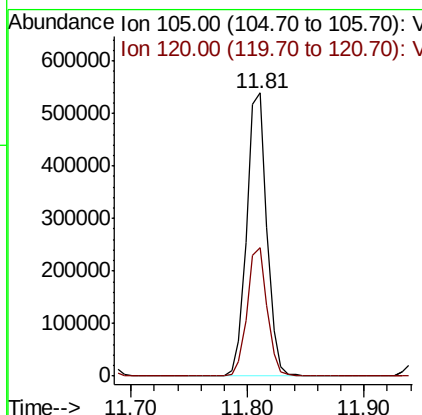
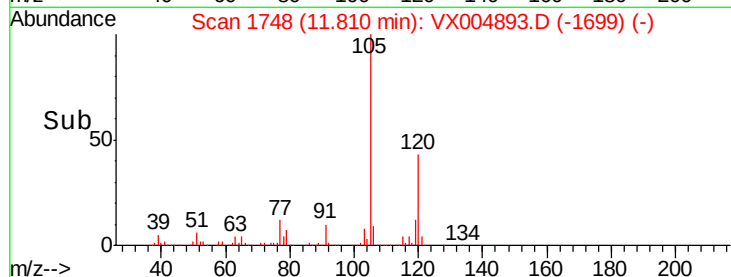
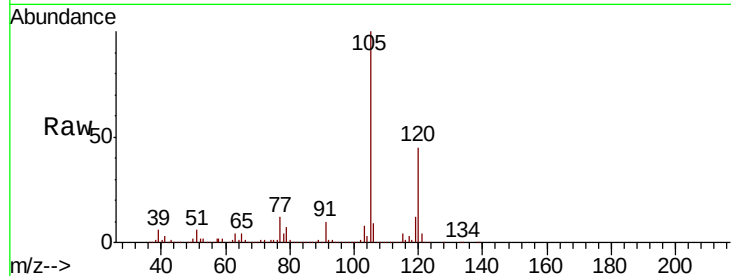




#84
 1,2,4-Trimethylbenzene
 Concen: 51.597 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

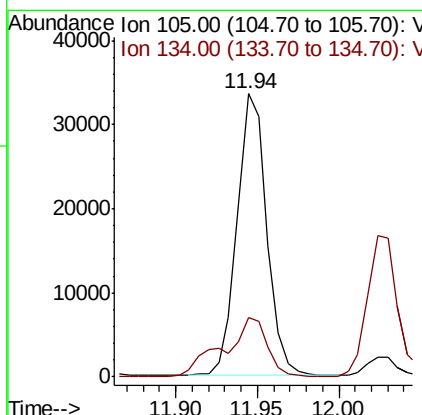
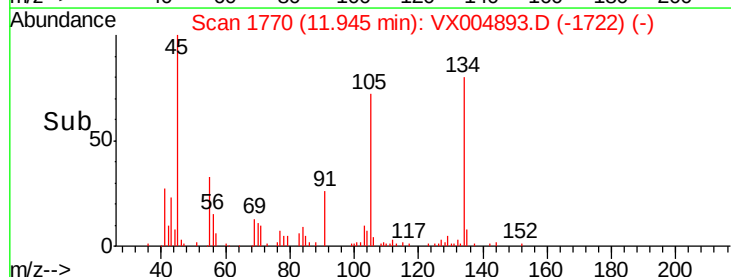
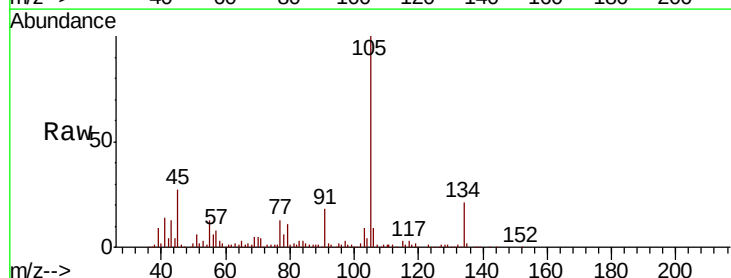
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7

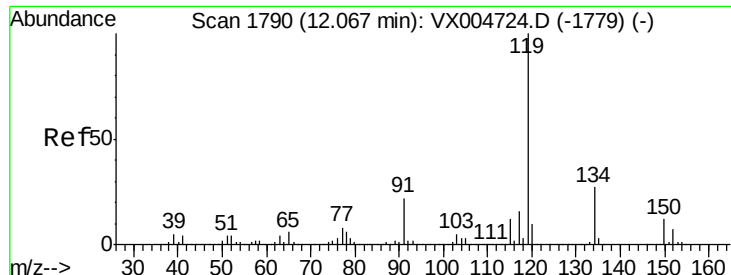
Tot Ion:105 Resp: 652542
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.6



#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

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

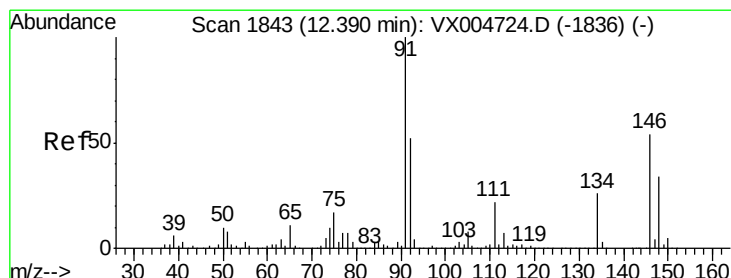
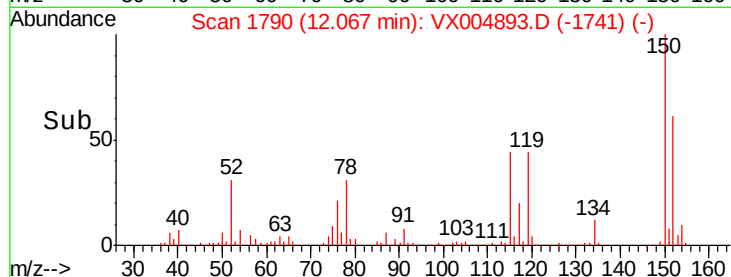
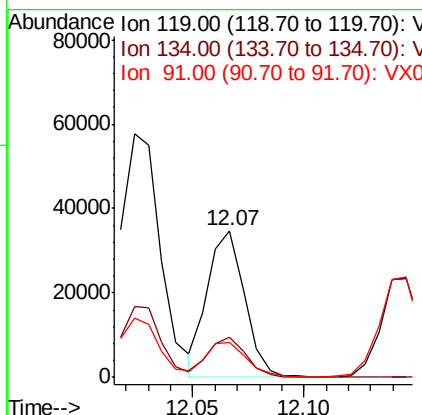
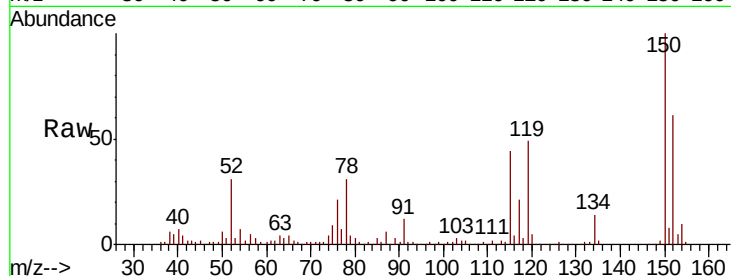




#86
 p-Isopropyltoluene
 Concen: 3.297 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004893.D
 Acq: 02 Oct 2018 02:11

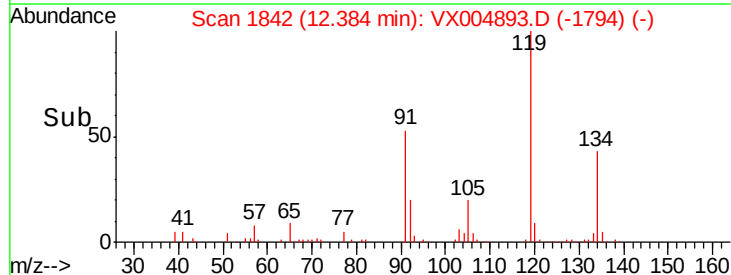
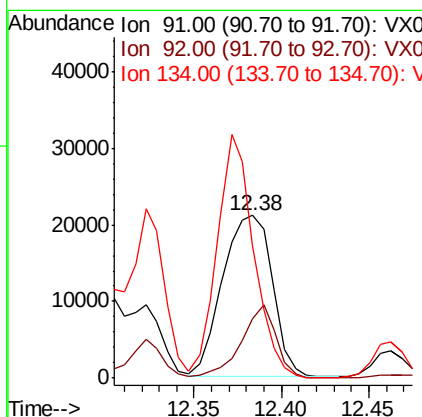
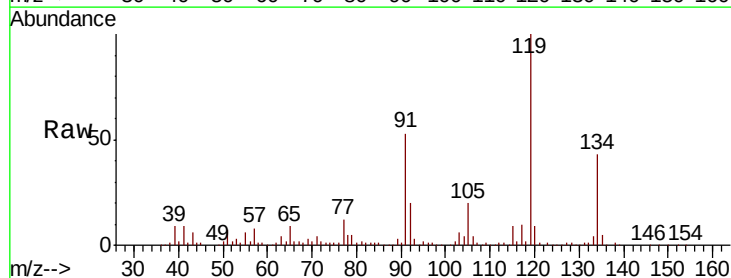
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7

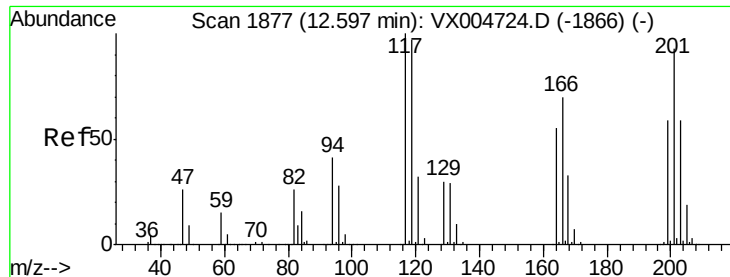
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.4	40.2
91	25.6	10.9	32.7



#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

Tgt Ion	Ratio	Lower	Upper
91	100		
92	32.1	27.3	81.9
134	110.9	13.6	40.7#





#90

Hexachloroethane

Concen: 2.815 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

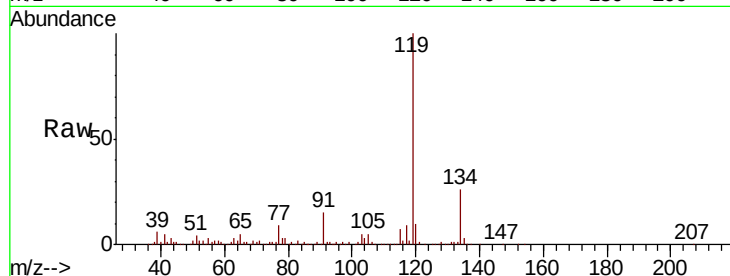
FA18-JEBS-7

Tot Ion:117 Resp: 5699

Ion Ratio Lower Upper

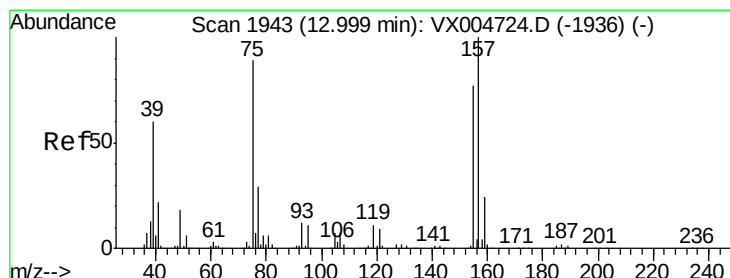
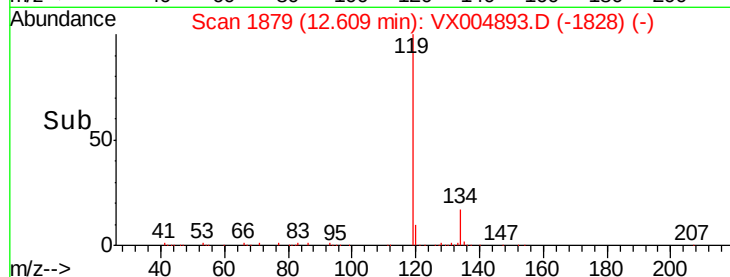
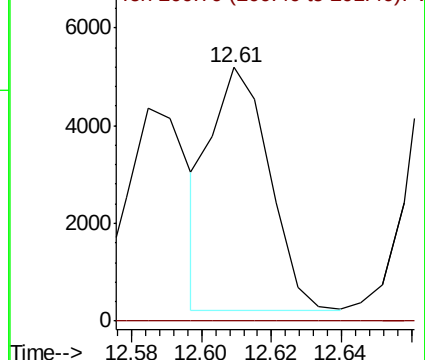
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.676 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX004893.D

Acq: 02 Oct 2018 02:11

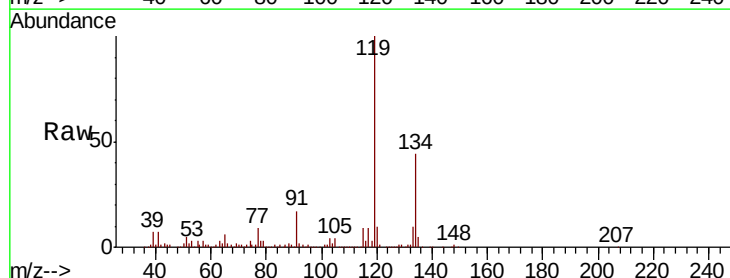
Tgt Ion: 75 Resp: 809

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

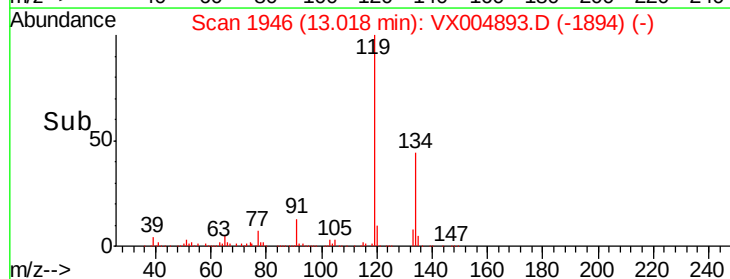
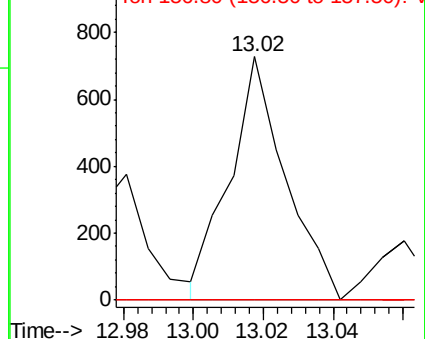
157 0.0 61.4 184.1#

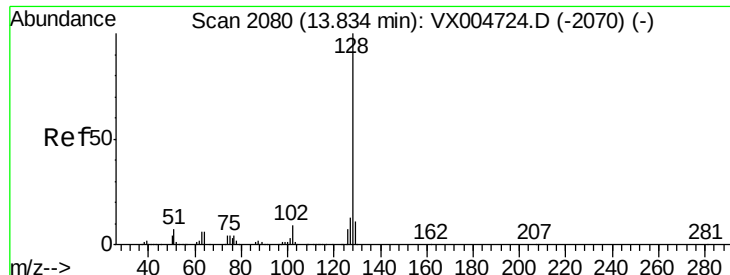


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 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

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	12.1	8.6	12.8

