

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004999.D
 Acq On : 04 Oct 2018 05:34
 Operator : JC/MD
 Sample : J5161-05DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7DL

Quant Time: Oct 04 09:07:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	405311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	191222	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
35) Dibromofluoromethane	5.50	113	171664	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	8.71	98	618668	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	220209	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

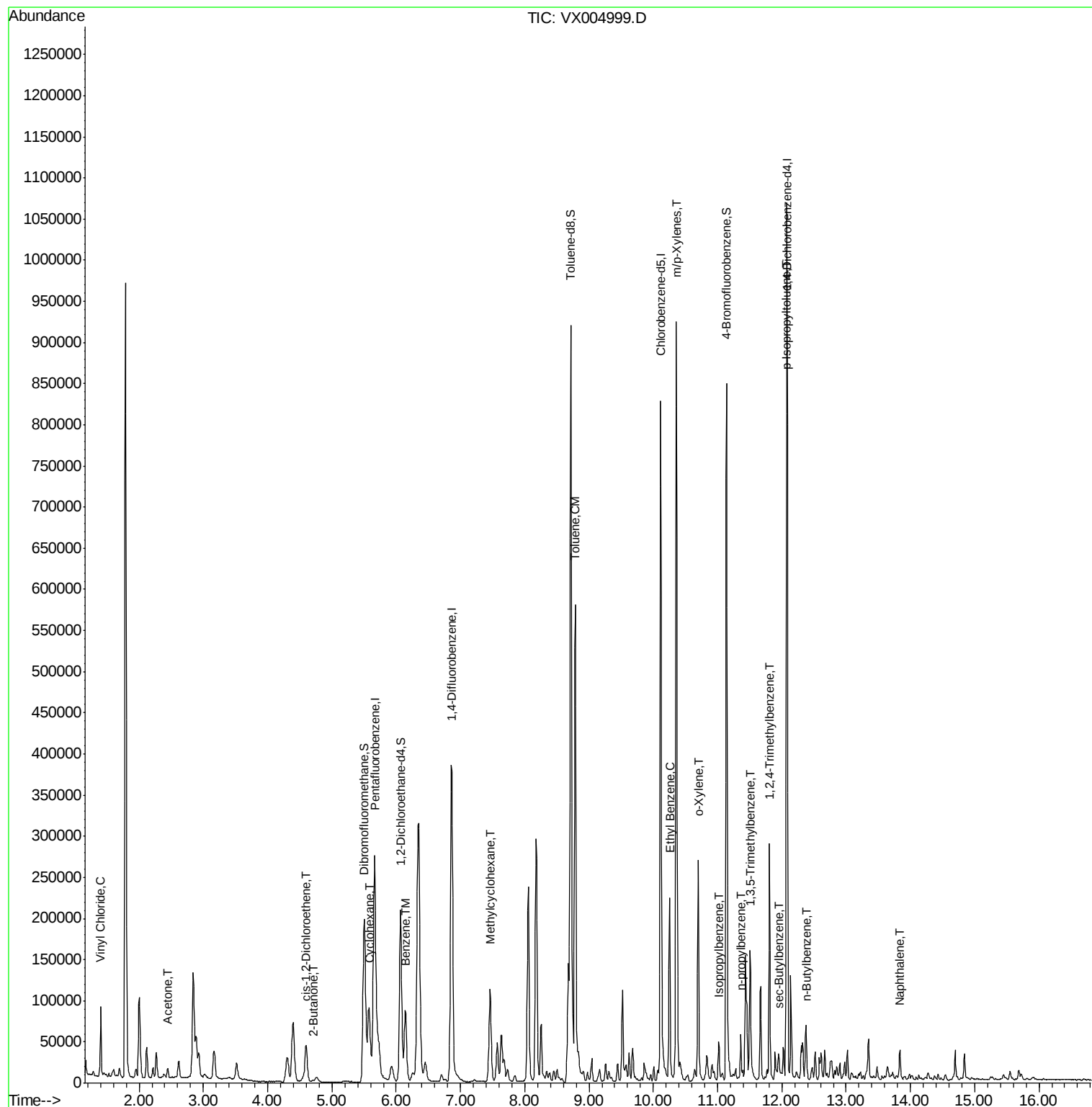
						Qvalue
4) Vinyl Chloride	1.40	62	12774	2.709	ug/l	91
16) Acetone	2.45	43	12201	4.813	ug/l #	89
25) 2-Butanone	4.70	43	3883	1.039	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	28661	7.116	ug/l	93
31) Cyclohexane	5.58	56	59822	10.828	ug/l	95
39) Methylcyclohexane	7.46	83	49368	9.799	ug/l	90
40) Benzene	6.14	78	103771	6.718	ug/l	95
52) Toluene	8.79	92	231408	27.264	ug/l	98
67) Ethyl Benzene	10.26	91	135537	8.214	ug/l	96
68) m/p-Xylenes	10.36	106	225815	35.021	ug/l	95
69) o-Xylene	10.70	106	58894	9.944	ug/l	99
73) Isopropylbenzene	11.02	105	23309	1.642	ug/l	99
78) n-propylbenzene	11.36	91	31481	1.933	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	64814	4.804	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	127115	9.315	ug/l	98
85) sec-Butylbenzene	11.94	105	10715	0.753	ug/l	82
86) p-Isopropyltoluene	12.07	119	9710	0.753	ug/l	93
89) n-Butylbenzene	12.39	91	9729	0.831	ug/l #	37
95) Naphthalene	13.83	128	22690	1.914	ug/l	97

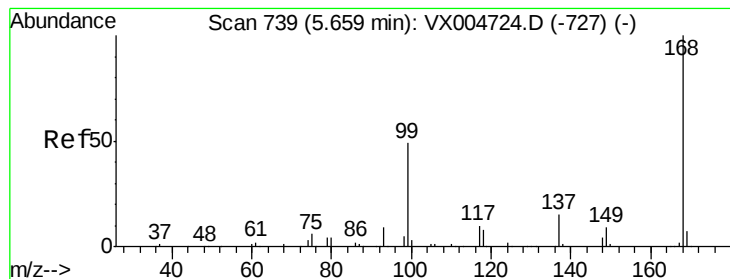
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

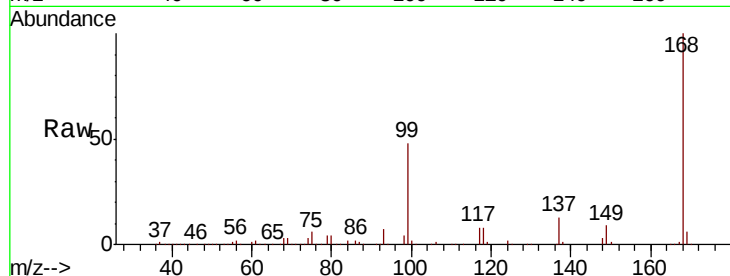
FA18-JEBS-7DL

Tot Ion:168 Resp: 303965

Ion Ratio Lower Upper

168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

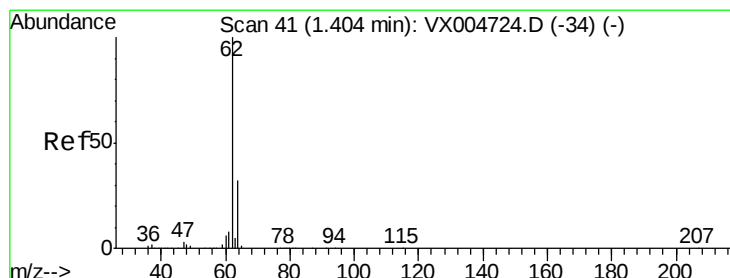
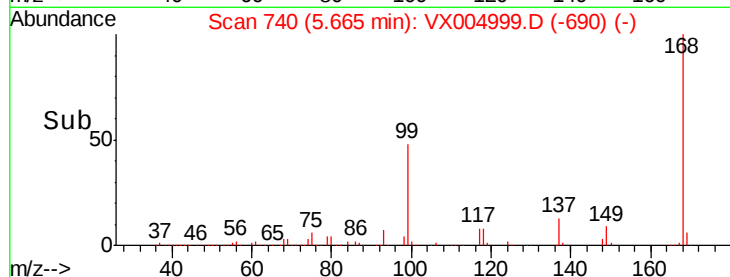
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 2.709 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004999.D

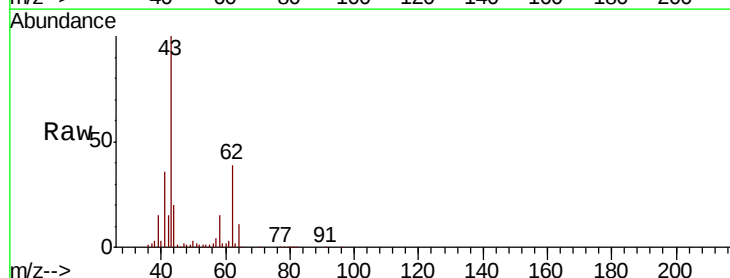
Acq: 04 Oct 2018 05:34

Tgt Ion: 62 Resp: 12774

Ion Ratio Lower Upper

62 100

64 26.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

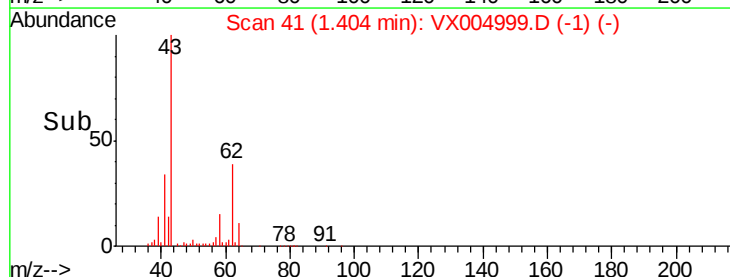
15000

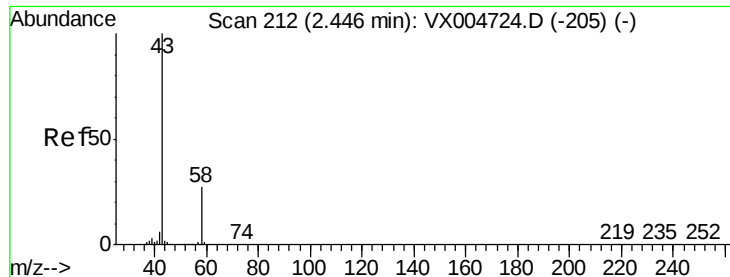
10000

5000

0

Time-->





#16

Acetone

Concen: 4.813 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

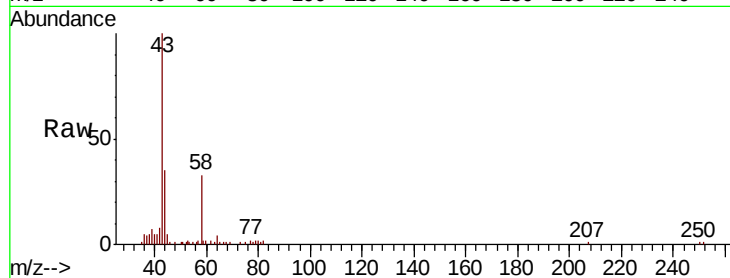
FA18-JEBS-7DL

Tot Ion: 43 Resp: 12201

Ion Ratio Lower Upper

43 100

58 33.0 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

4000

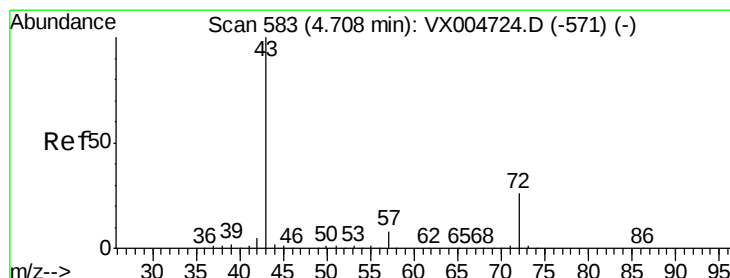
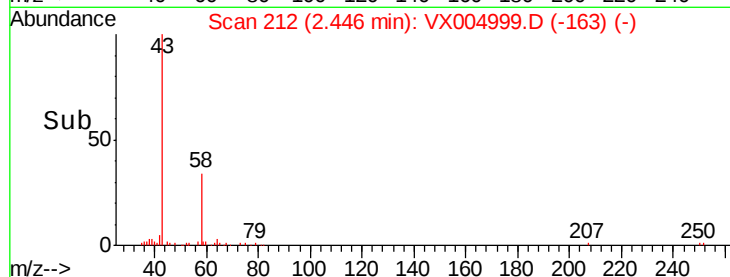
2000

0

Time-->

2.40 2.45 2.50

2.45



#25

2-Butanone

Concen: 1.039 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004999.D

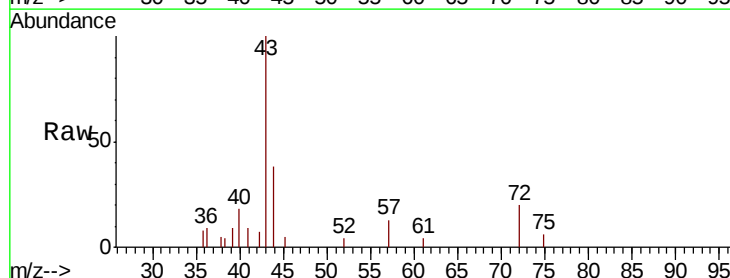
Acq: 04 Oct 2018 05:34

Tgt Ion: 43 Resp: 3883

Ion Ratio Lower Upper

43 100

72 21.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

1500

1000

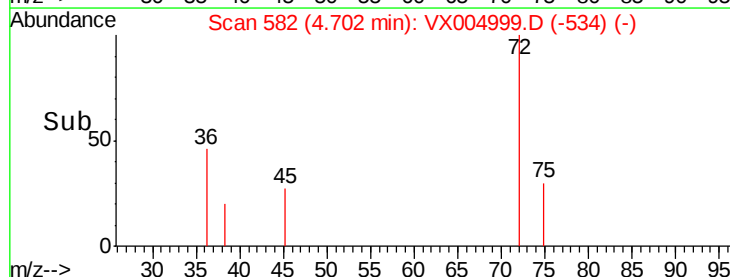
500

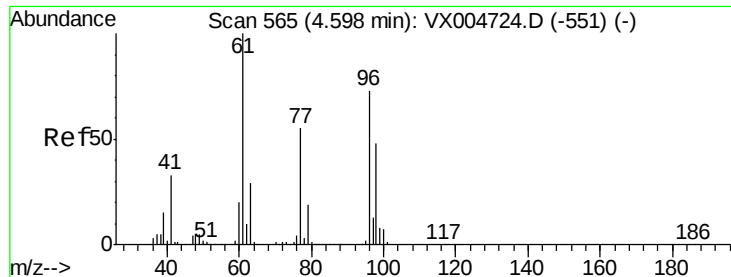
0

Time-->

4.60 4.65 4.70 4.75 4.80

4.70



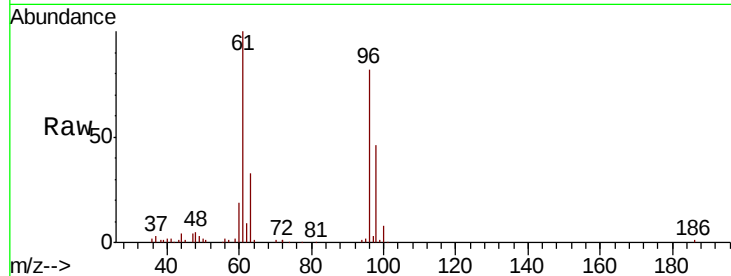


#27

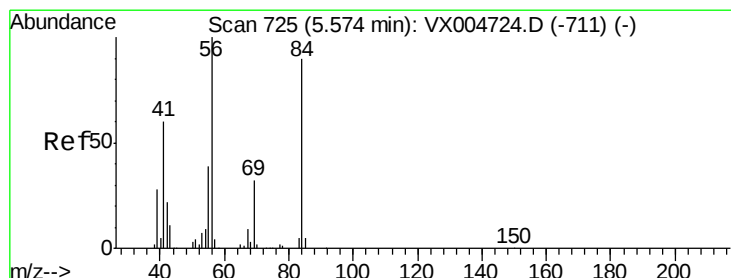
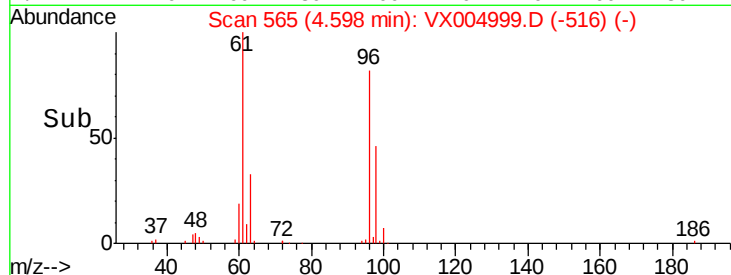
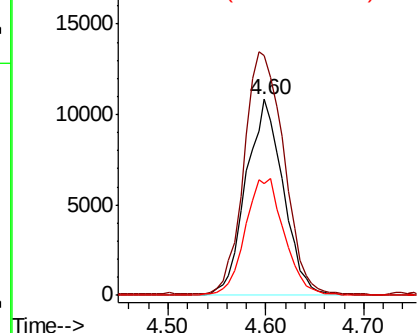
cis-1,2-Dichloroethene
 Concen: 7.116 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7DL

Tot Ion: 96 Resp: 28661
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 285.8
 98 62.5 0.0 136.2



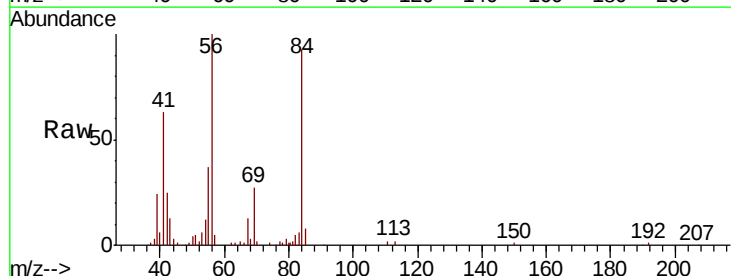
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



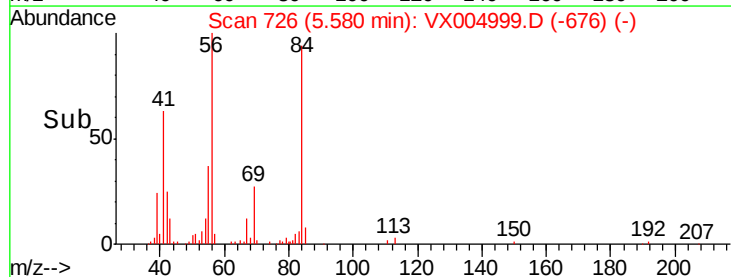
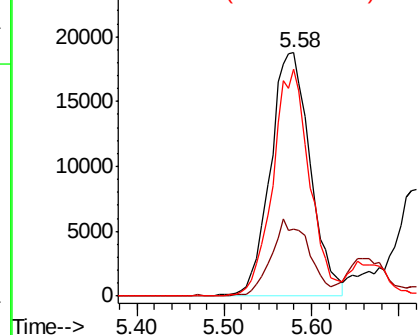
#31

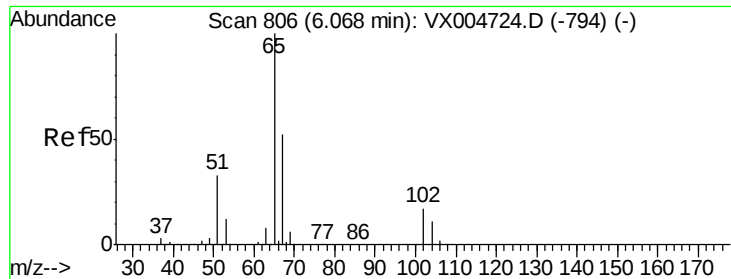
Cyclohexane
 Concen: 10.828 ug/l
 RT: 5.58 min Scan# 726
 Delta R.T. 0.01 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

Tgt Ion: 56 Resp: 59822
 Ion Ratio Lower Upper
 56 100
 69 26.9 25.9 38.9
 84 93.1 71.9 107.9



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: 44.039 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

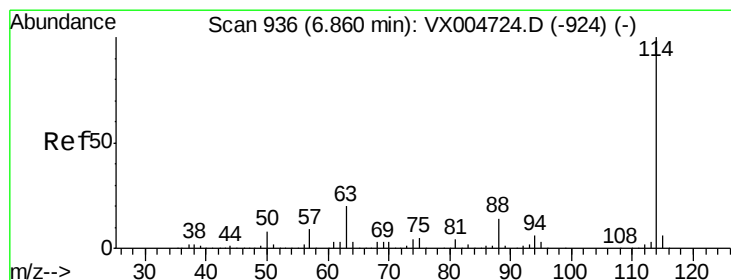
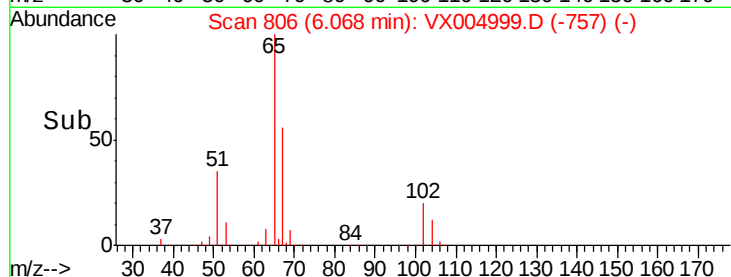
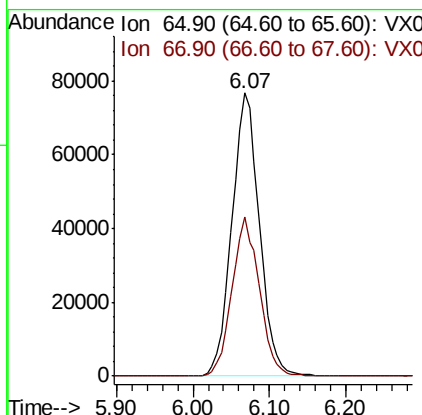
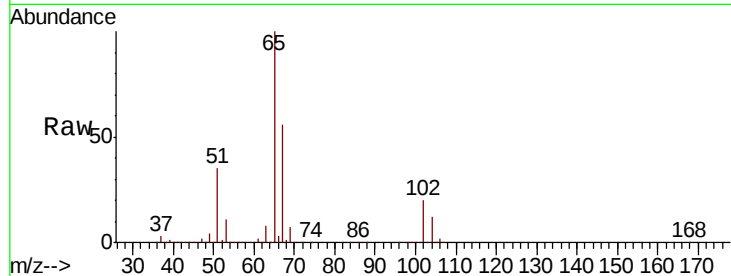
Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

Tot Ion: 65 Resp: 191222

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

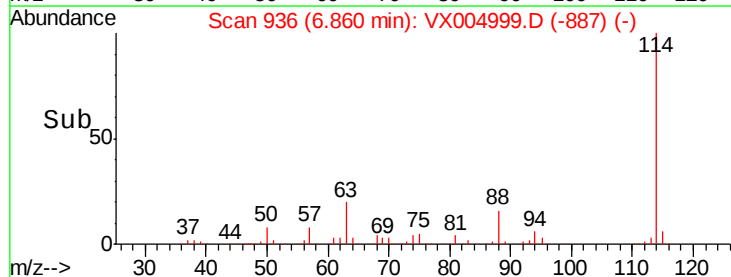
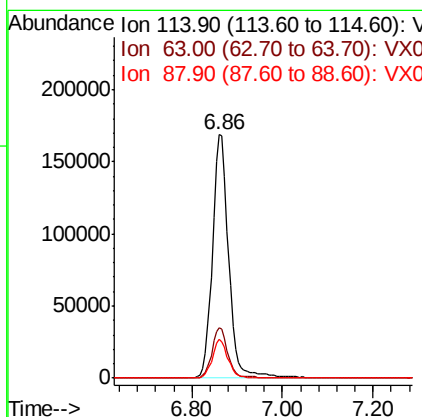
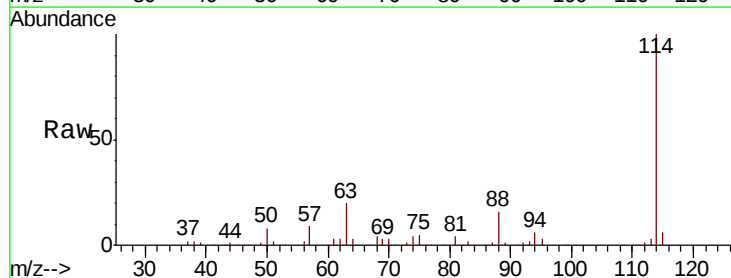
Delta R.T. 0.00 min

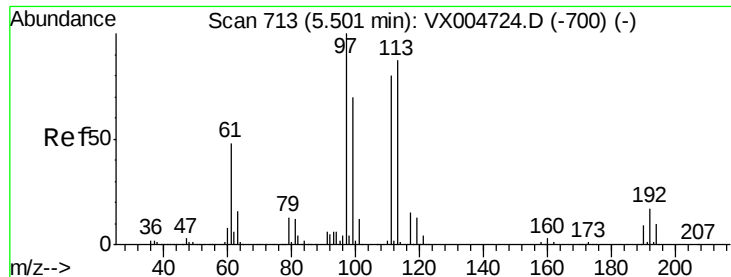
Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Tgt Ion: 114 Resp: 426690

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	15.9	0.0	27.0

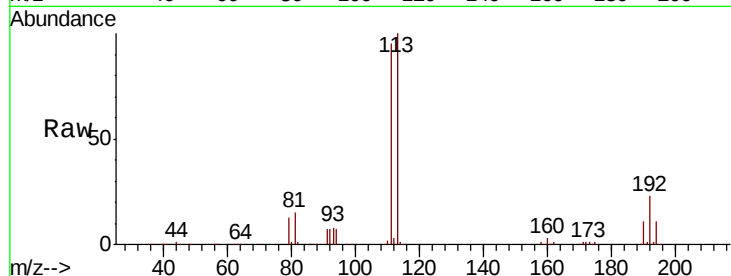




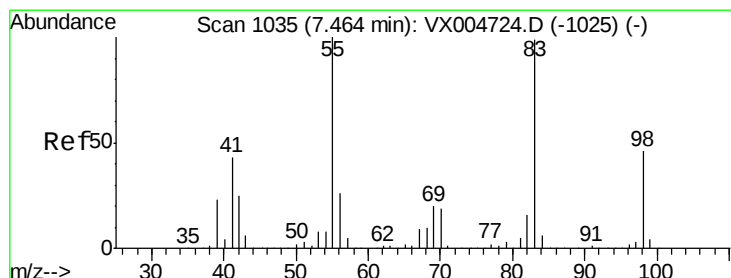
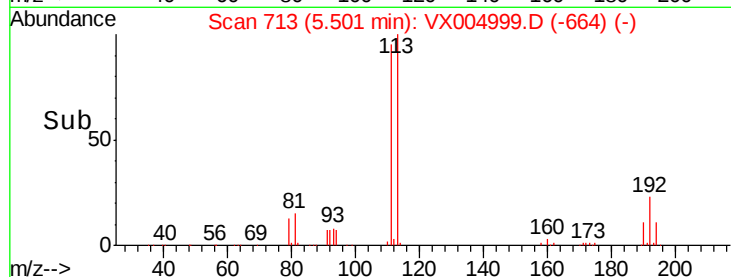
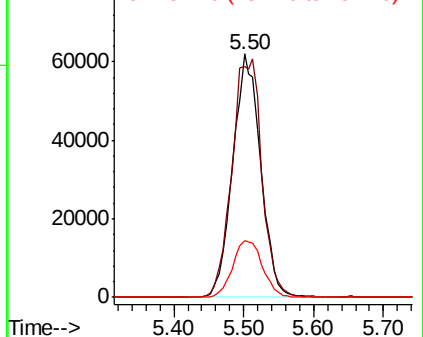
#35
Dibromofluoromethane
Concen: 47.470 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

Tot Ion:113 Resp: 171664
Ion Ratio Lower Upper
113 100
111 104.6 77.0 115.4
192 24.9 17.0 25.6

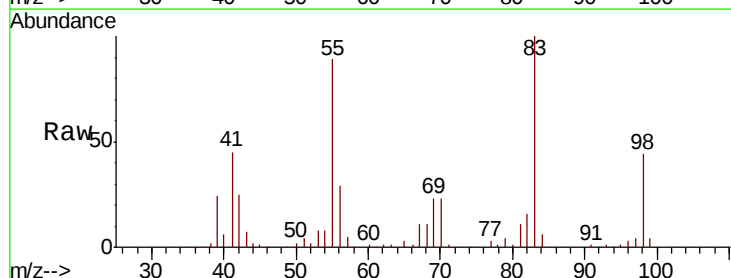


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

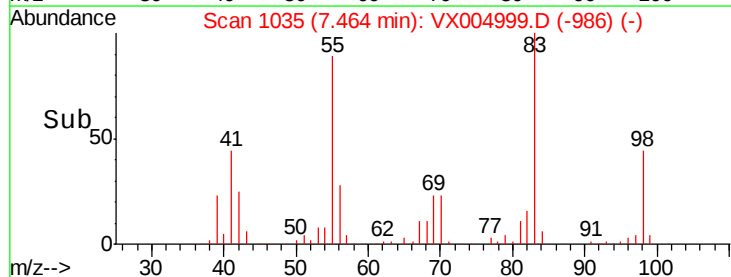
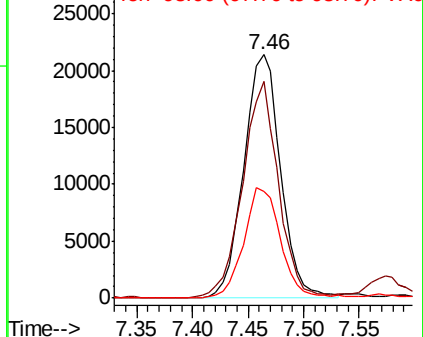


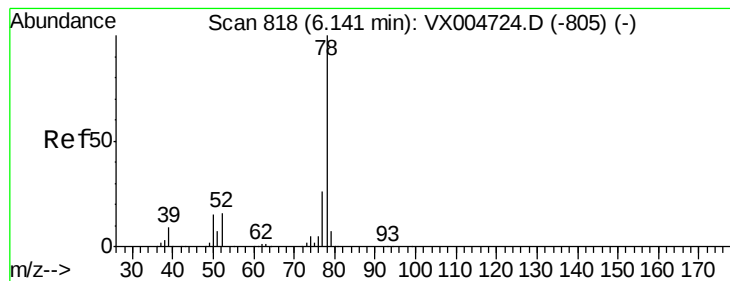
#39
Methylcyclohexane
Concen: 9.799 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Tgt Ion: 83 Resp: 49368
Ion Ratio Lower Upper
83 100
55 88.8 81.1 121.7
98 43.6 37.3 55.9



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: 6.718 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

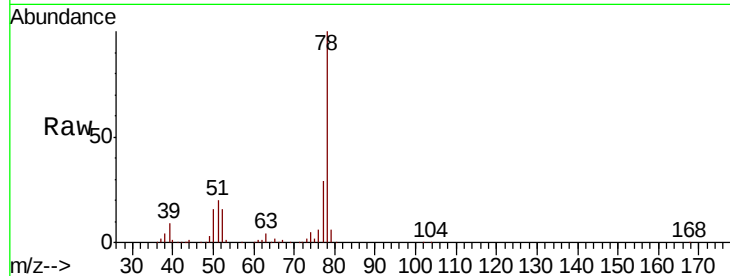
FA18-JEBS-7DL

Tot Ion: 78 Resp: 103771

Ion Ratio Lower Upper

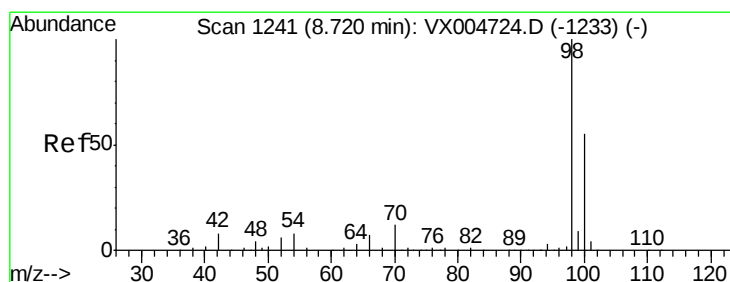
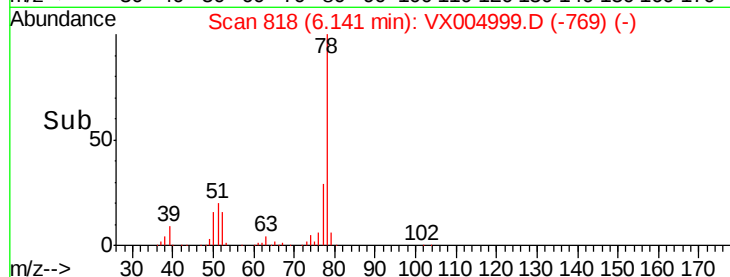
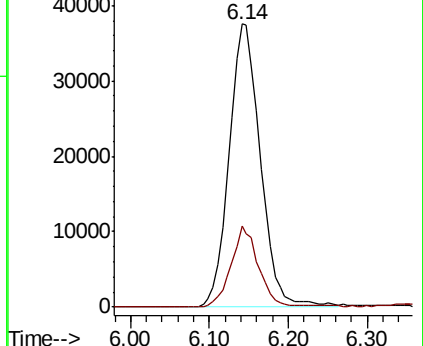
78 100

77 28.6 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.460 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004999.D

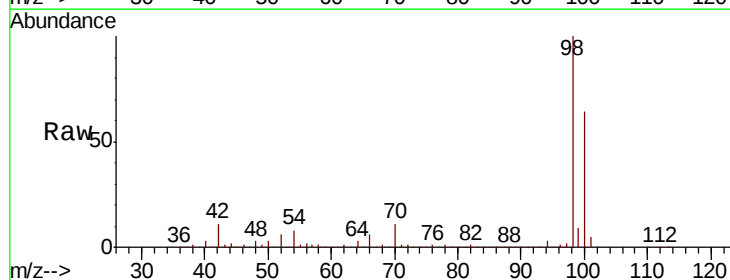
Acq: 04 Oct 2018 05:34

Tgt Ion: 98 Resp: 618668

Ion Ratio Lower Upper

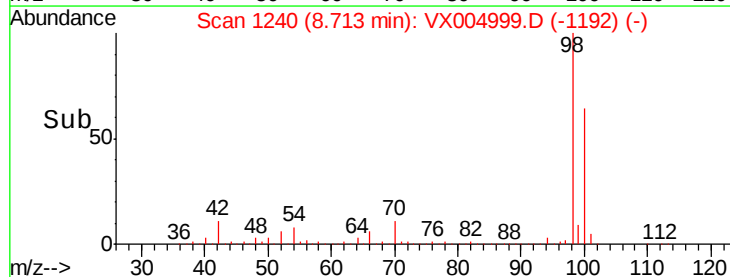
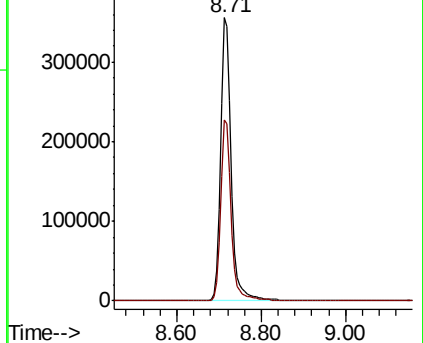
98 100

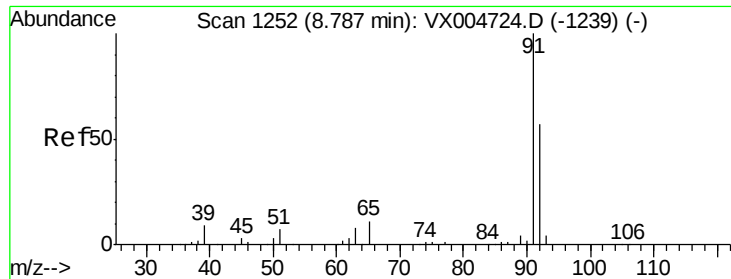
100 63.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 27.264 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

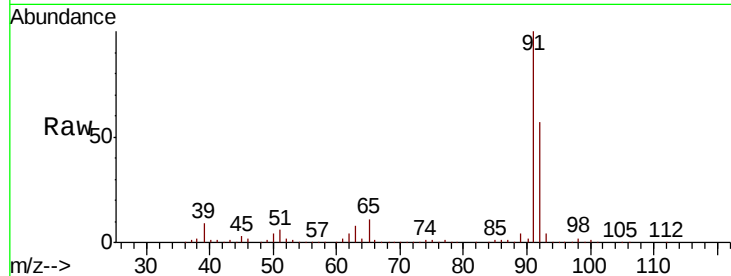
FA18-JEBS-7DL

Tot Ion: 92 Resp: 231408

Ion Ratio Lower Upper

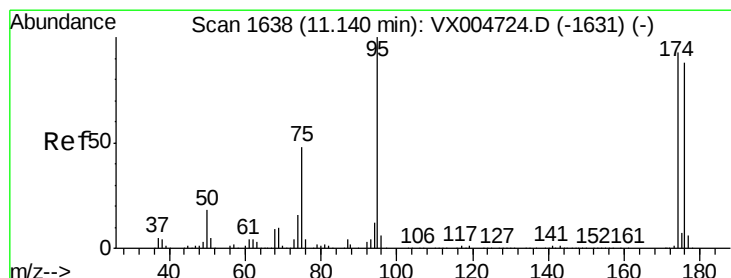
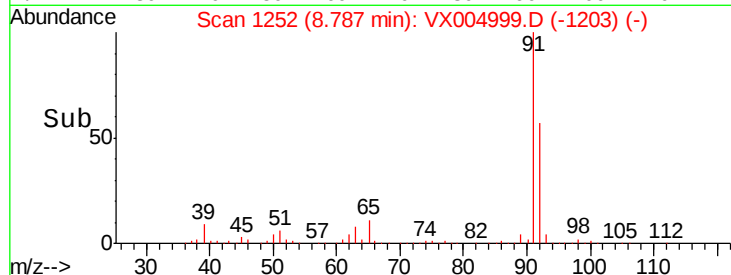
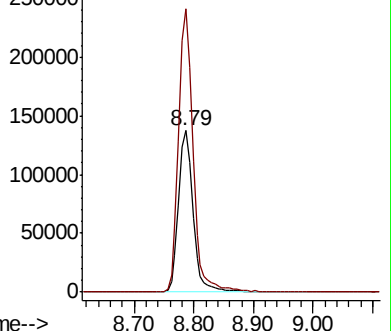
92 100

91 173.0 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX004724.D (-1239) (-)

Ion 91.00 (90.70 to 91.70): VX004724.D (-1239) (-)



#62

4-Bromofluorobenzene

Concen: 50.844 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

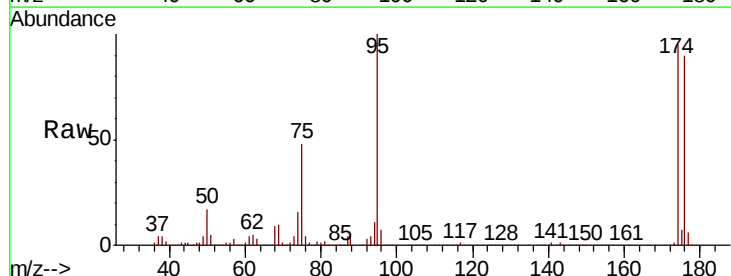
Tgt Ion: 95 Resp: 220209

Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.0

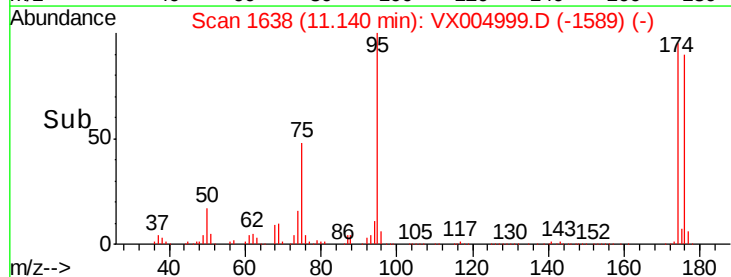
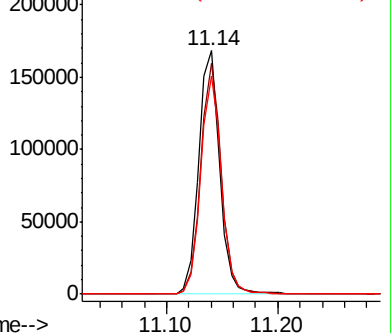
176 88.5 0.0 180.2

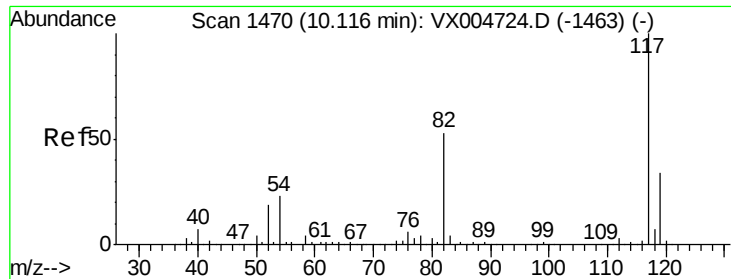


Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

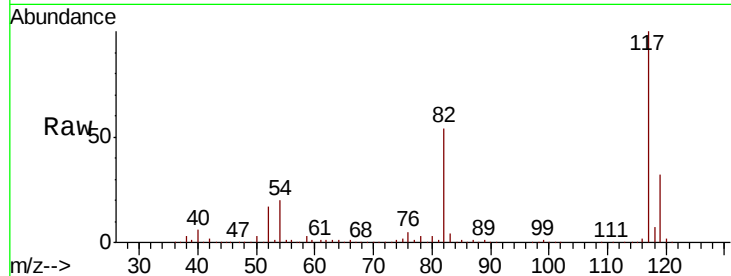




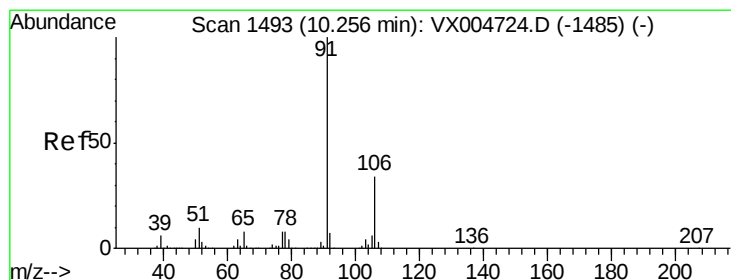
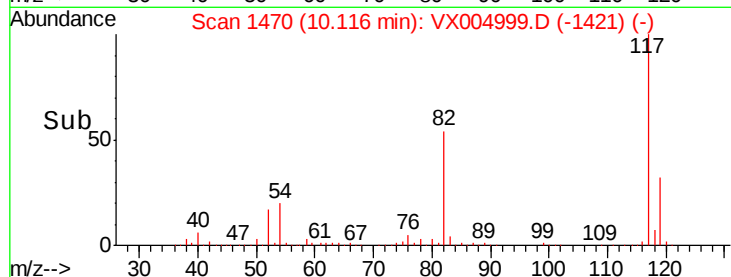
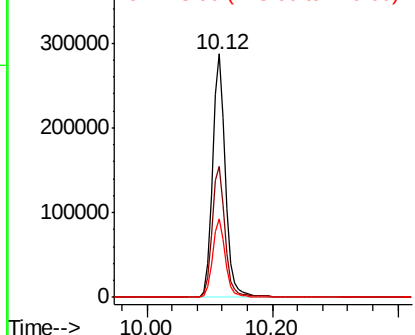
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

Tot Ion:117 Resp: 405311
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 32.2 27.4 41.0

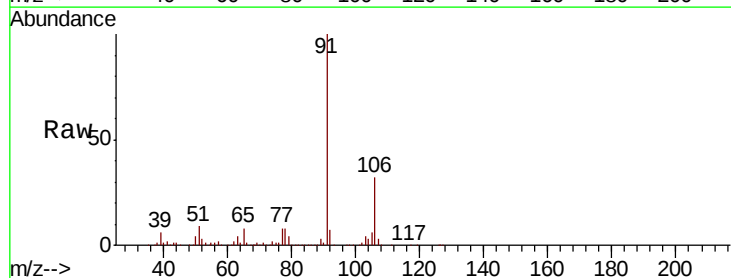


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

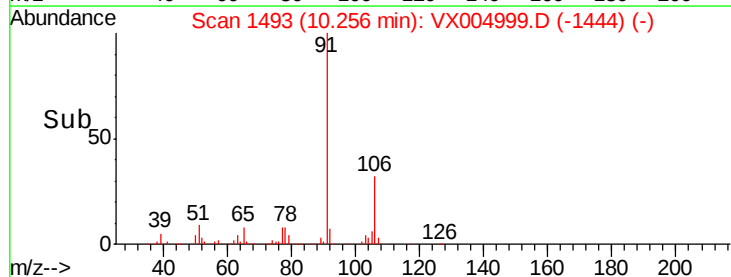
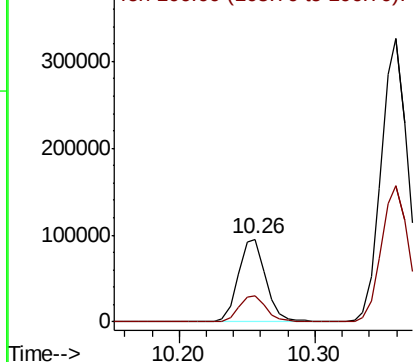


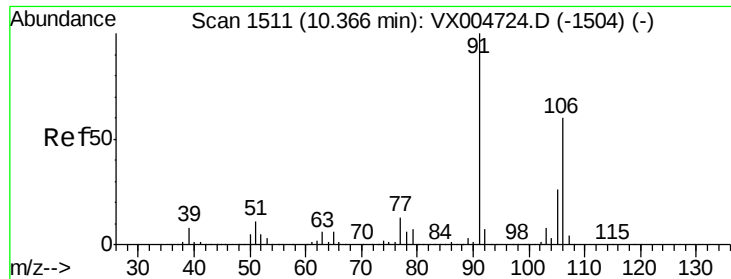
#67
Ethyl Benzene
Concen: 8.214 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Tgt Ion: 91 Resp: 135537
Ion Ratio Lower Upper
91 100
106 31.6 26.9 40.3



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

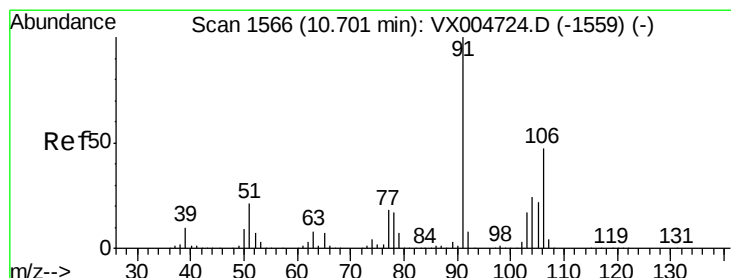
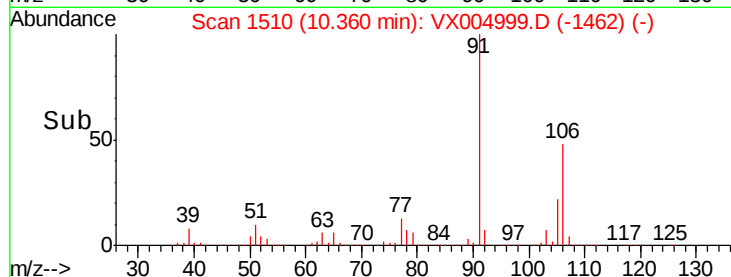
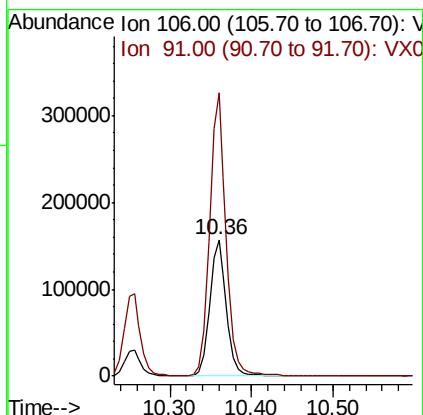
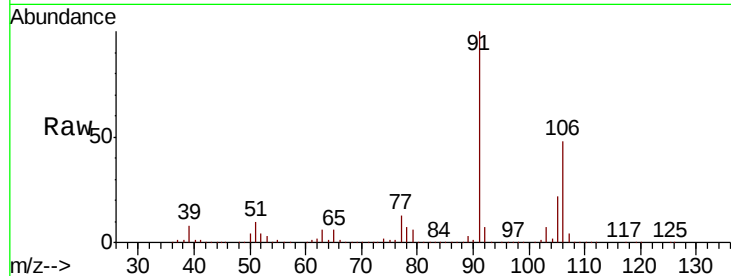




#68
m/p-Xvlenes
Concen: 35.021 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

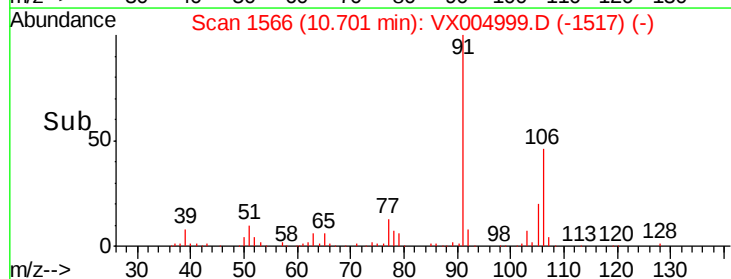
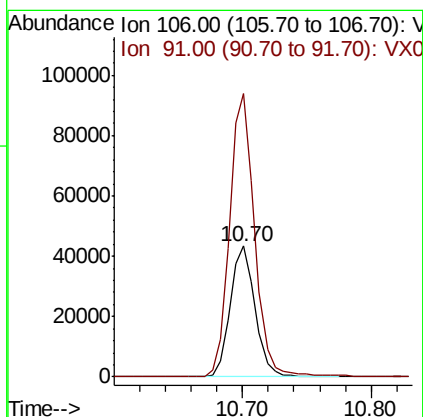
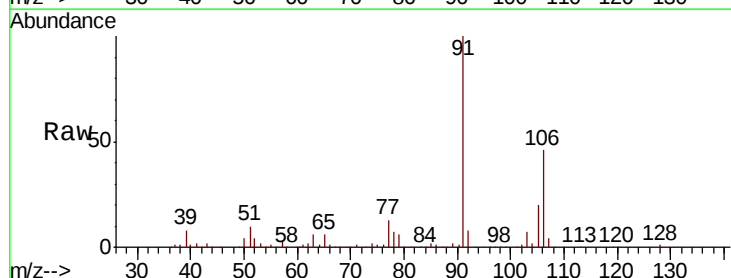
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

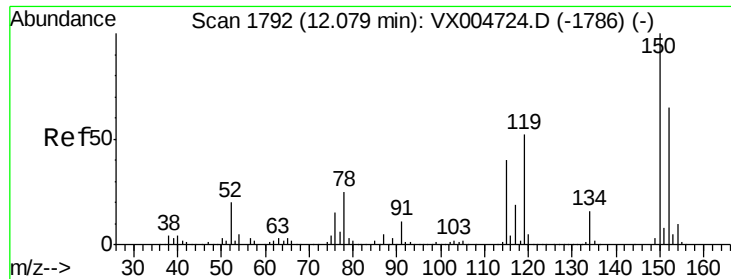
Tot Ion:106 Resp: 225815
Ion Ratio Lower Upper
106 100
91 204.8 157.5 236.3



#69
o-Xylene
Concen: 9.944 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Tgt Ion:106 Resp: 58894
Ion Ratio Lower Upper
106 100
91 217.5 108.3 324.8



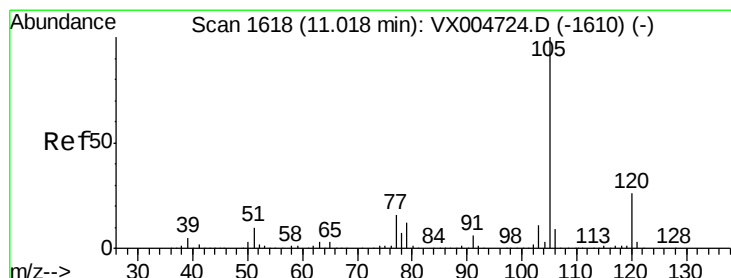
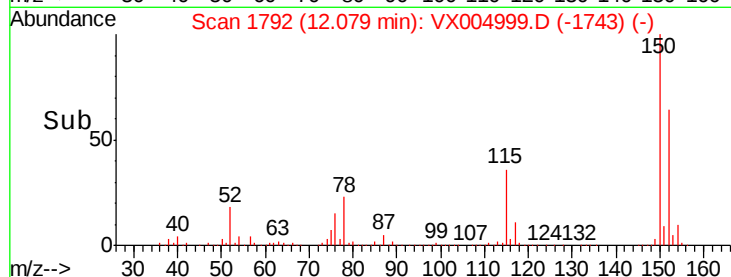
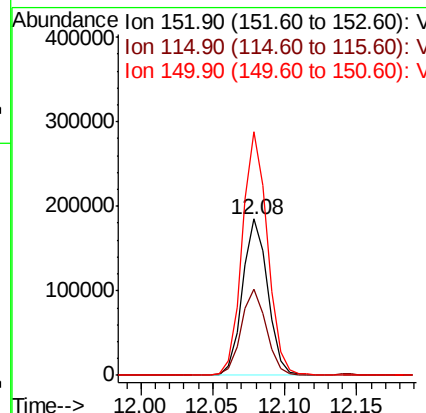
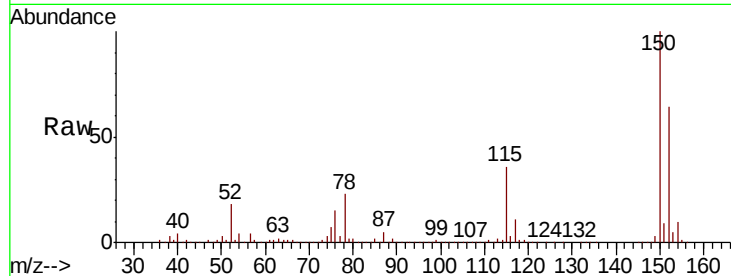


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

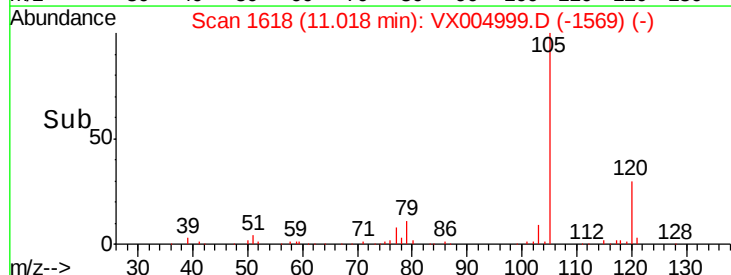
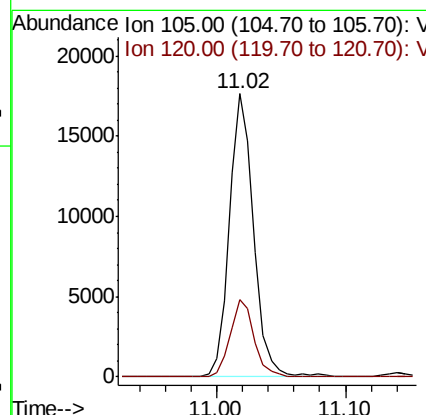
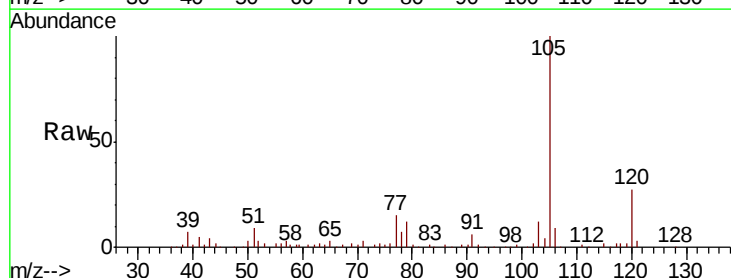
Tot Ion:152 Resp: 225156
Ion Ratio Lower Upper
152 100
115 55.2 40.2 120.6
150 156.0 0.0 351.0

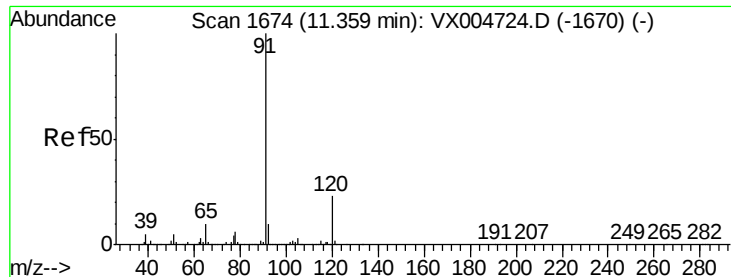


#73

Isopropylbenzene
Concen: 1.642 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Tgt Ion:105 Resp: 23309
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.5





#78

n-propylbenzene

Concen: 1.933 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

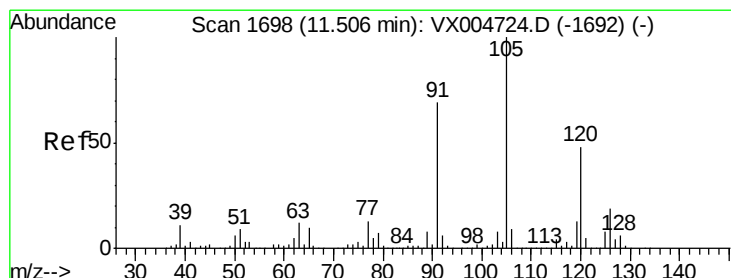
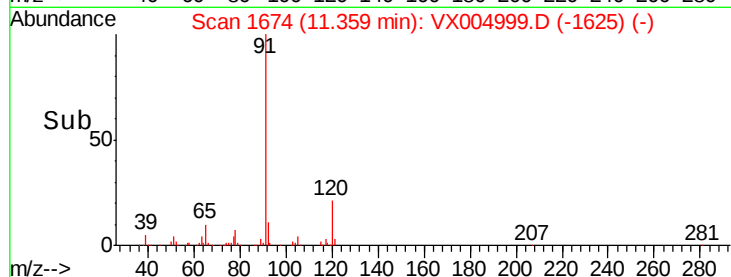
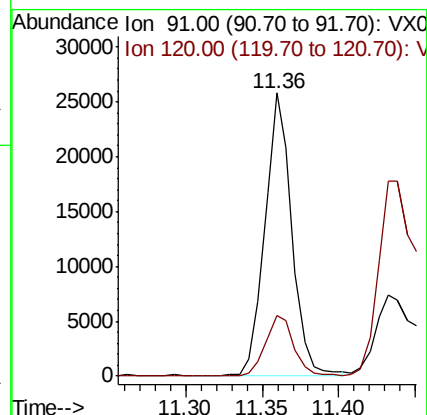
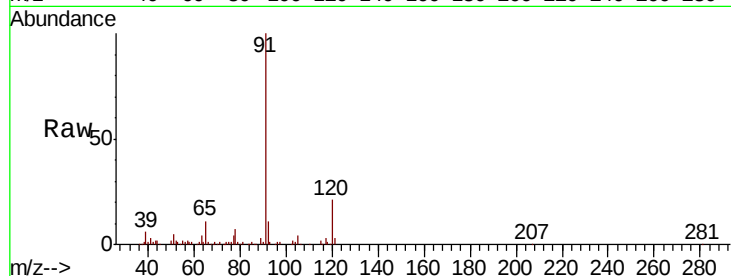
FA18-JEBS-7DL

Tot Ion: 91 Resp: 31481

Ion Ratio Lower Upper

91 100

120 22.7 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 4.804 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004999.D

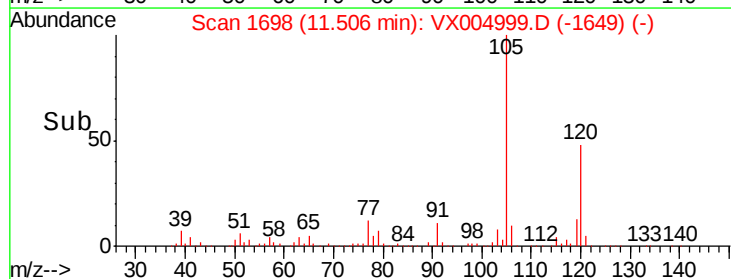
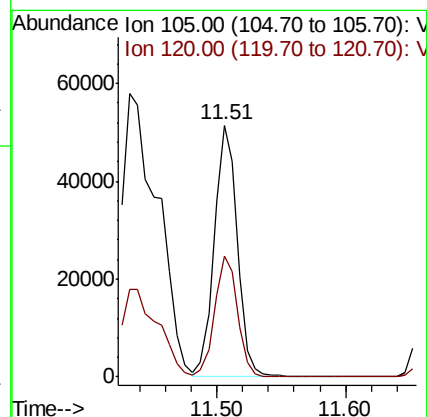
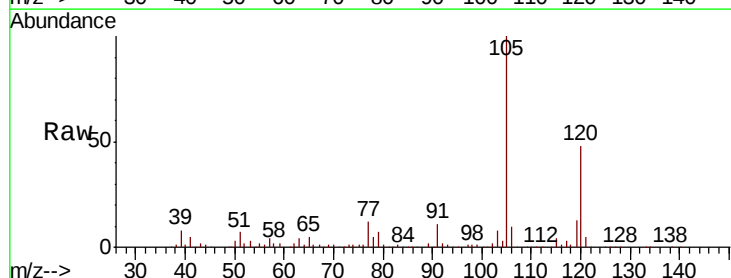
Acq: 04 Oct 2018 05:34

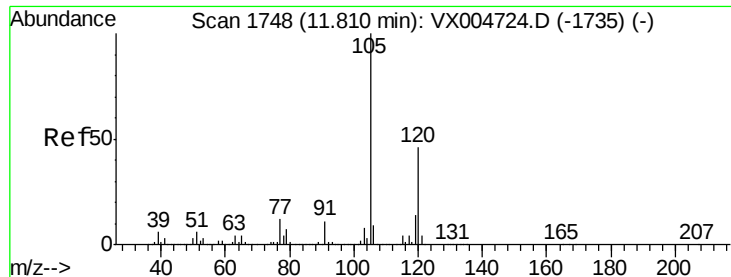
Tgt Ion: 105 Resp: 64814

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8

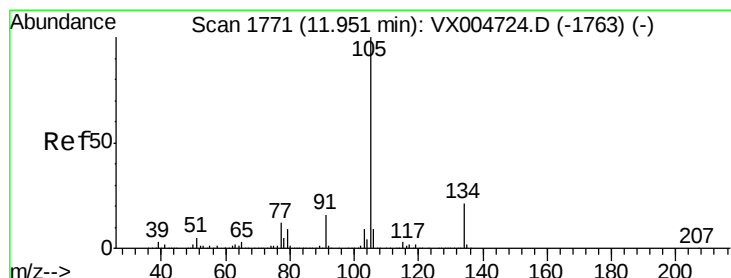
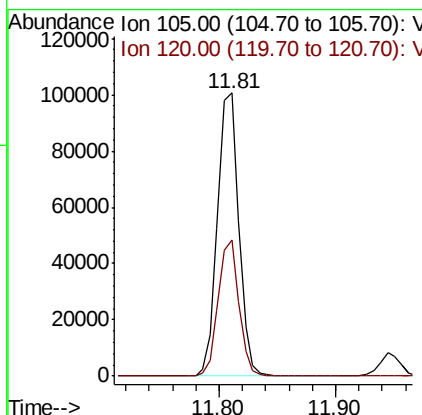
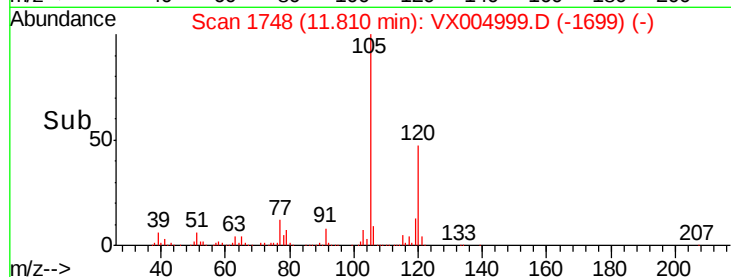
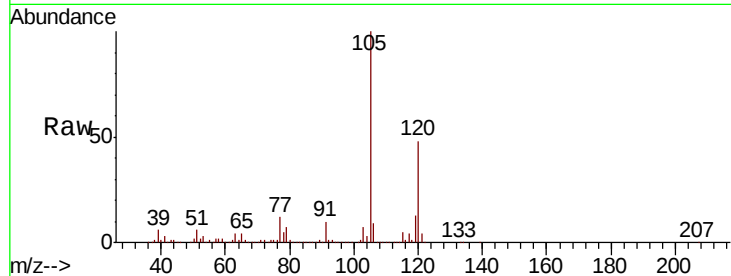




#84
 1,2,4-Trimethylbenzene
 Concen: 9.315 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

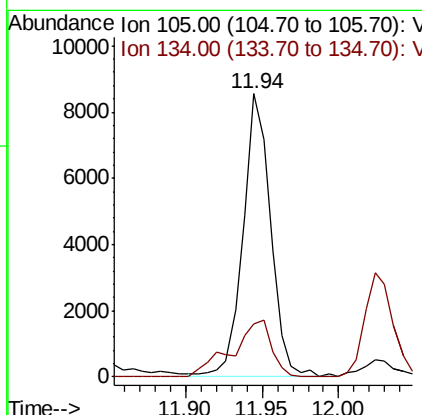
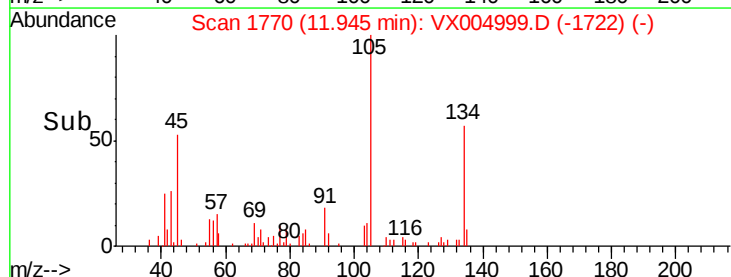
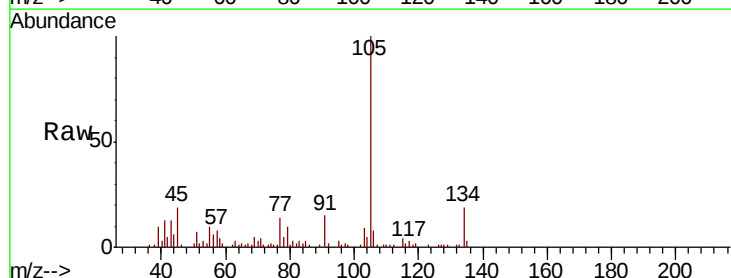
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7DL

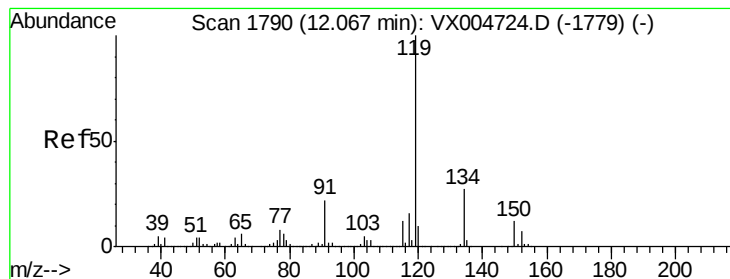
Tot Ion:105 Resp: 127115
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 0.753 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

Tgt Ion:105 Resp: 10715
 Ion Ratio Lower Upper
 105 100
 134 28.5 10.2 30.4

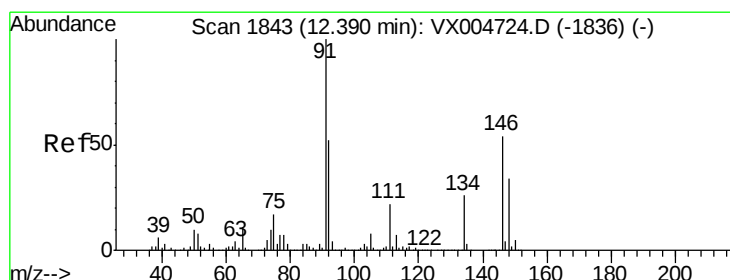
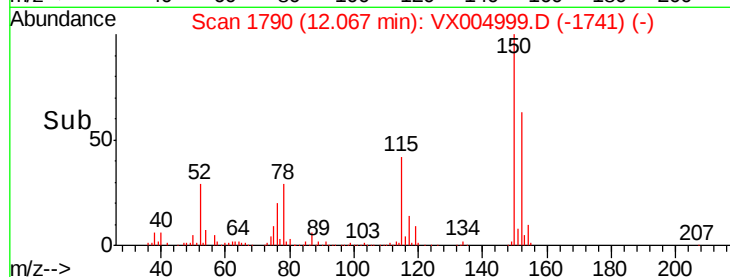
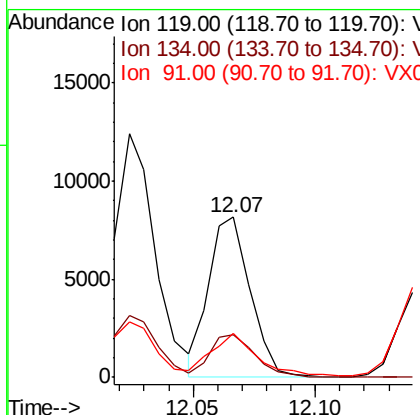
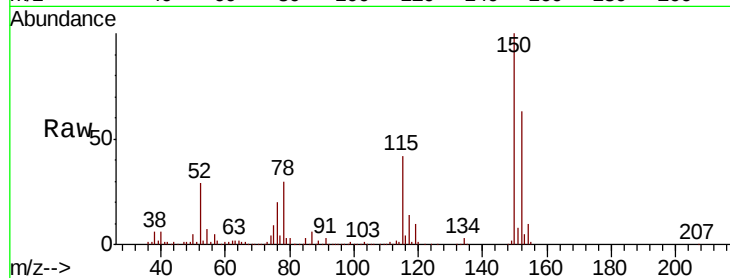




#86
 p-Isopropyltoluene
 Concen: 0.753 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

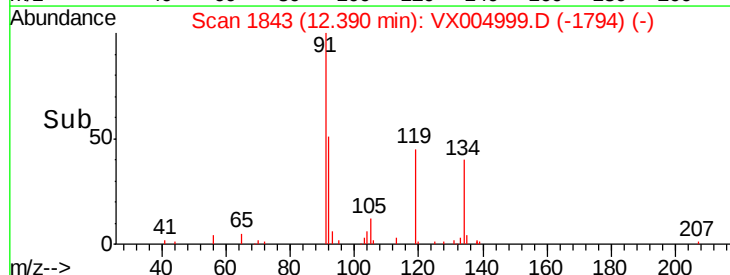
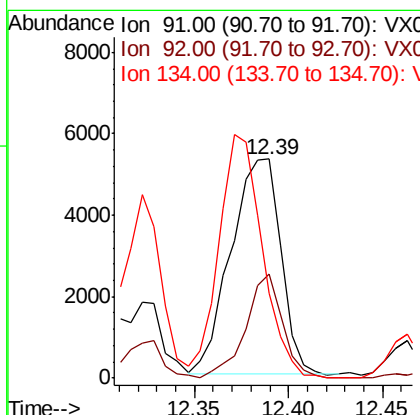
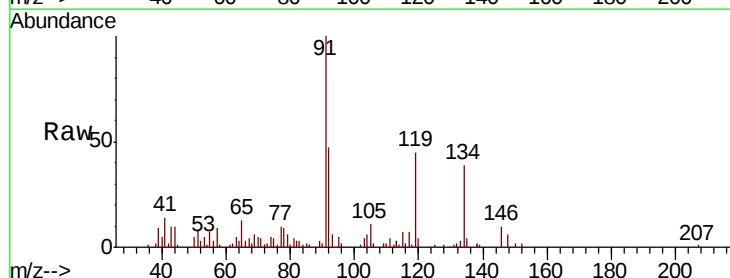
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7DL

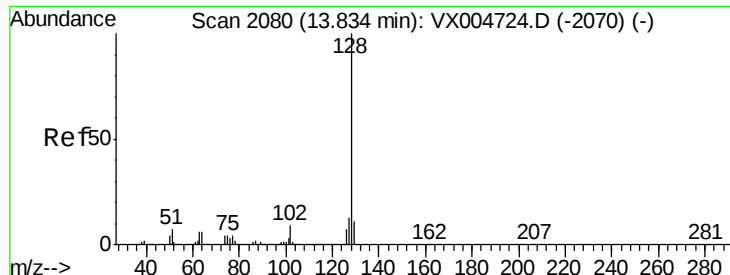
Tot Ion: 119 Resp: 9710
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.4 40.1
 91 28.4 11.5 34.4



#89
 n-Butylbenzene
 Concen: 0.831 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

Tgt Ion: 91 Resp: 9729
 Ion Ratio Lower Upper
 91 100
 92 35.6 26.0 78.0
 134 98.1 13.2 39.6#





#95
Naphthalene
Concen: 1.914 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	12.1	8.7	13.1

