

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 08:49:17 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191222	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	
35) Dibromofluoromethane	5.50	113	171664	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
50) Toluene-d8	8.71	98	618668	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	220209	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	12774	2.709	ug/l	91
5) Bromomethane	1.65	94	706	0.252	ug/l	91
6) Chloroethane	1.73	64	257	Below Cal	#	53
10) Methyl Iodide	2.51	142	1005	0.226	ug/l	92
11) Tert butyl alcohol	3.01	59	2841	2.340	ug/l #	72
13) Acrolein	2.27	56	1058	1.225	ug/l #	1
14) Allyl chloride	2.61	41	2323	0.323	ug/l #	61
15) Acrylonitrile	3.16	53	1820	0.681	ug/l #	56
16) Acetone	2.45	43	12201	4.813	ug/l #	89
17) Carbon Disulfide	2.57	76	2859	0.289	ug/l	97
18) Methyl Acetate	2.84	43	89982	14.010	ug/l #	53
20) Methylene Chloride	2.85	84	2759	Below Cal	#	43
21) trans-1,2-Dichloroethene	3.17	96	913	0.253	ug/l #	79
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
29) Tetrahydrofuran	5.17	42	886	0.381	ug/l #	56
31) Cyclohexane	5.58	56	59822	10.828	ug/l	95
38) Carbon Tetrachloride	5.67	117	25425	4.902	ug/l #	18
39) Methylcyclohexane	7.46	83	49368	9.799	ug/l	90
40) Benzene	6.14	78	103771	6.718	ug/l	95
42) 1,2-Dichloroethane	6.15	62	1380	0.253	ug/l #	73
43) Isopropyl Acetate	6.35	43	83409	8.824	ug/l #	64
44) Trichloroethene	7.21	130	852	0.224	ug/l	94
48) Methyl methacrylate	7.73	41	3239	0.755	ug/l #	46
51) 4-Methyl-2-Pentanone	8.68	43	18323	3.078	ug/l #	78
52) Toluene	8.79	92	231408	27.264	ug/l	98
56) Ethyl methacrylate	9.17	69	1774	3.139	ug/l #	39
58) 2-Chloroethyl Vinyl ether	8.32	63	261	14.319	ug/l	94
59) 2-Hexanone	9.52	43	7181	1.448	ug/l	83
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
70) Styrene	10.70	104	3472	2.440	ug/l #	1
73) Isopropylbenzene	11.02	105	23309	1.642	ug/l	99

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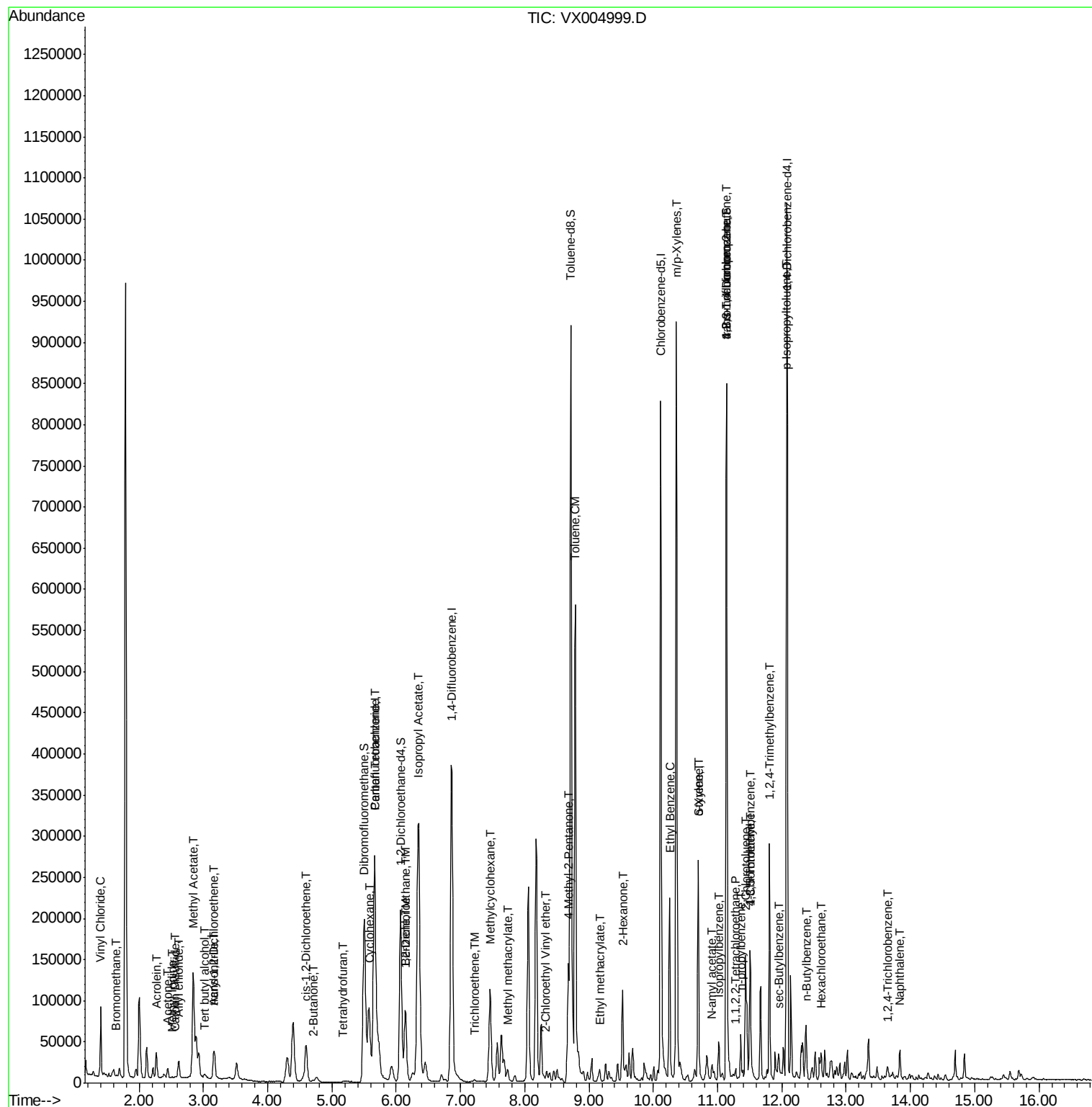
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
74) N-amyl acetate	10.91	43	1462	1.929	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	1271	0.220	ug/l	#	47
76) 1,2,3-Trichloropropane	11.14	75	107144	21.231	ug/l	#	35
78) n-propylbenzene	11.36	91	31481	1.933	ug/l		97
79) 2-Chlorotoluene	11.43	91	14465	1.425	ug/l	#	44
80) 1,3,5-Trimethylbenzene	11.51	105	64814	4.804	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	107144	57.591	ug/l	#	10
82) 4-Chlorotoluene	11.51	91	7704	0.645	ug/l	#	53
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
90) Hexachloroethane	12.60	117	1281	0.597	ug/l	#	8
93) 1,2,4-Trichlorobenzene	13.65	180	1250	0.222	ug/l	#	77
95) Naphthalene	13.83	128	22690	1.914	ug/l		97

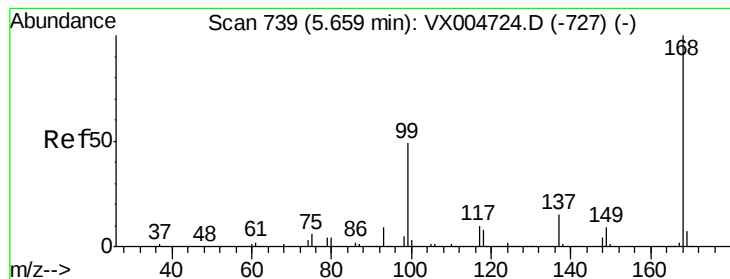
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

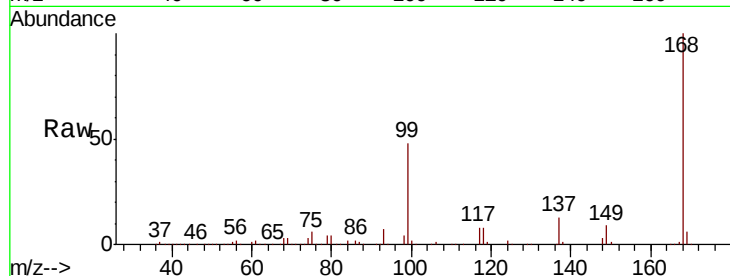
FA18-JEBS-7DL

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

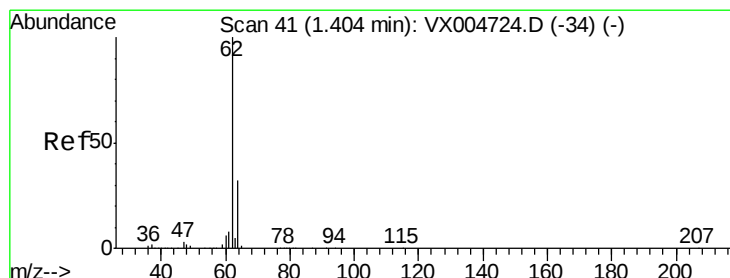
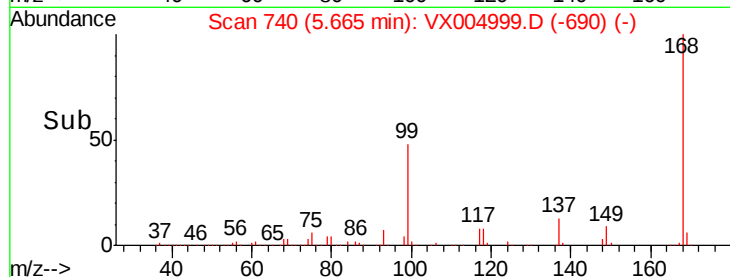
60000

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

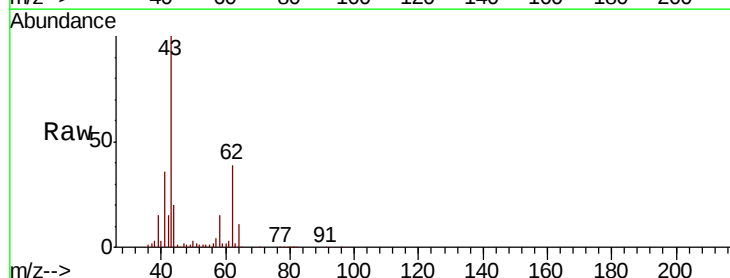
Acq: 04 Oct 2018 05:34

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

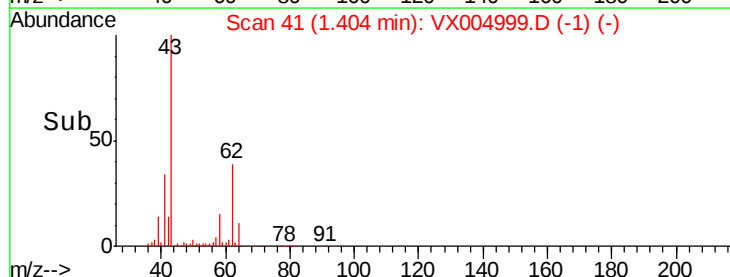
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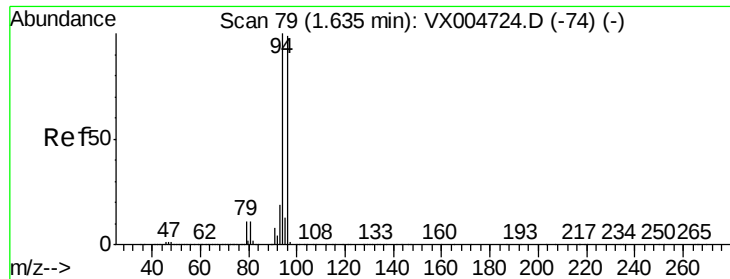
10000

5000

0

Time-->





#5

Bromomethane

Concen: 0.252 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampled :

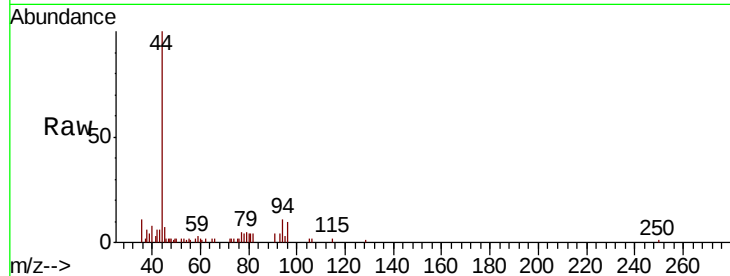
FA18-JEBS-7DL

Tot Ion: 94 Resp: 706

Ion Ratio Lower Upper

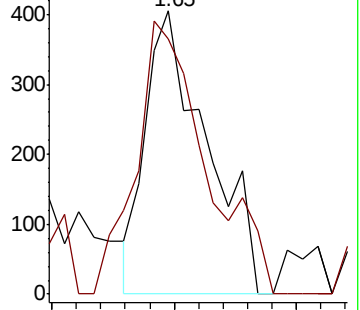
94 100

96 90.4 79.5 119.3

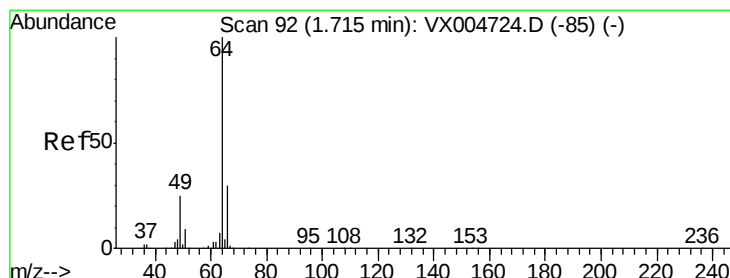
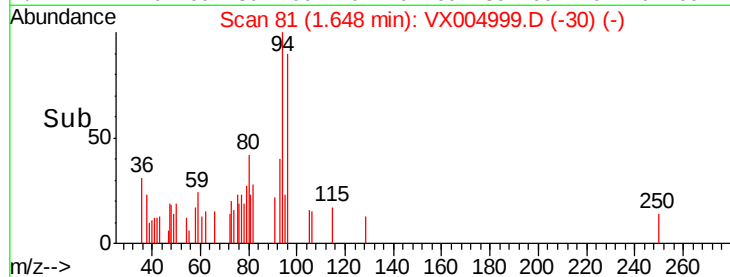


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX004999.D

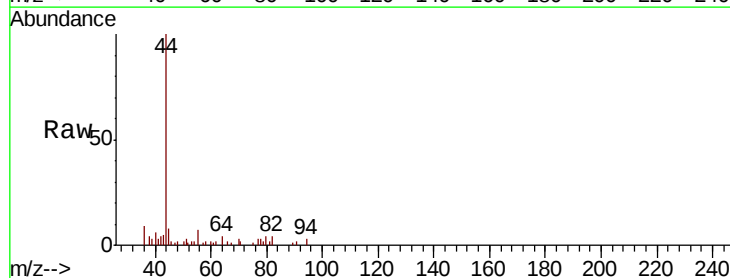
Acq: 04 Oct 2018 05:34

Tgt Ion: 64 Resp: 257

Ion Ratio Lower Upper

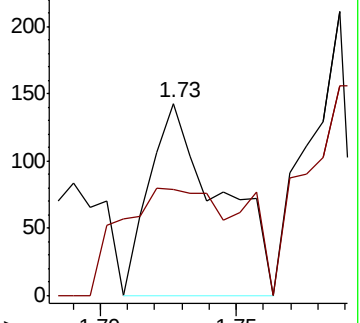
64 100

66 55.2 23.8 35.6#

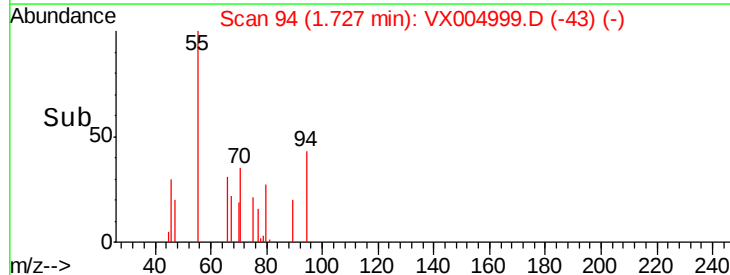


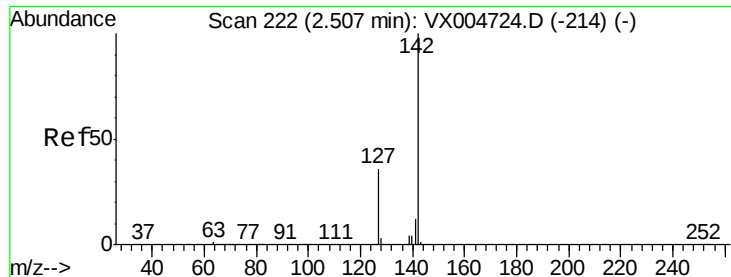
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->

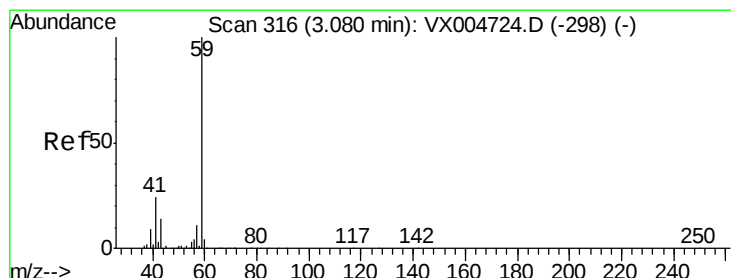
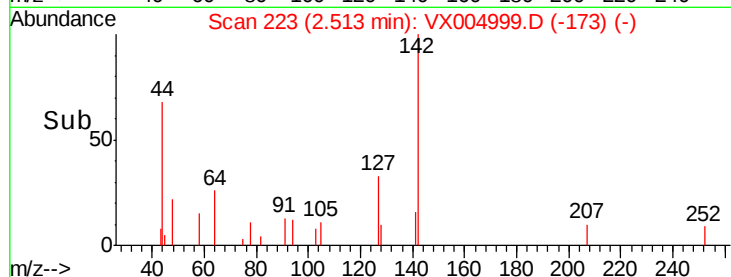
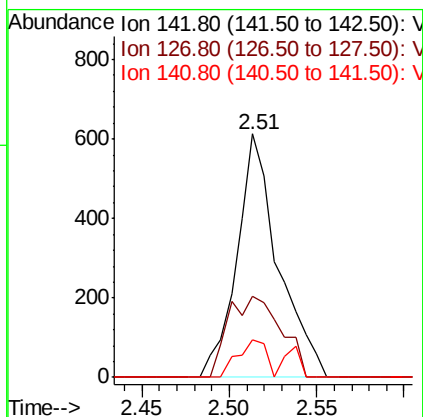
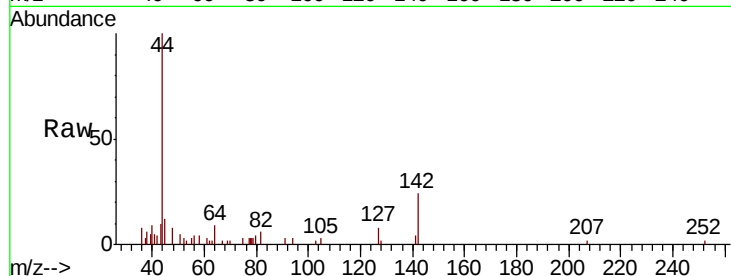




#10
Methvl Iodide
Concen: 0.226 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

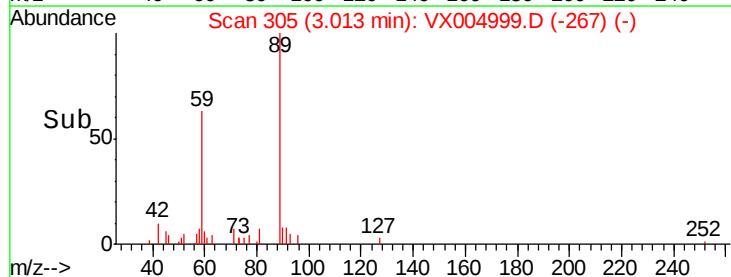
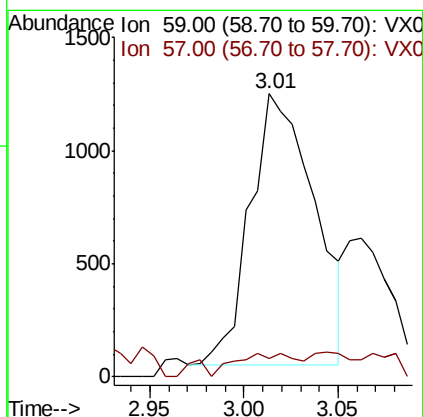
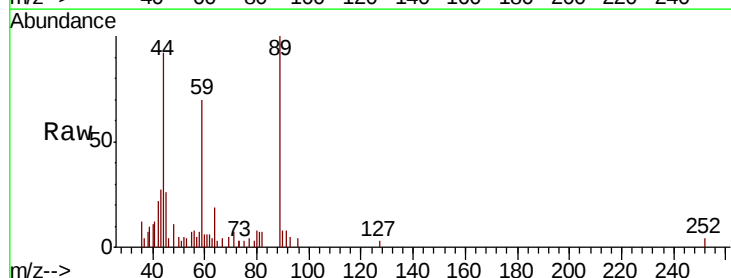
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

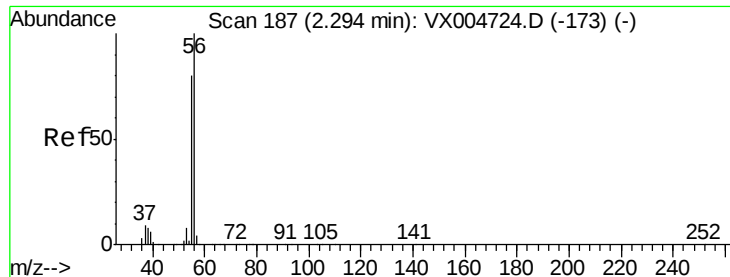
Tot Ion	Ratio	Lower	Upper
142	100		
127	42.6	30.1	45.1
141	10.5	10.1	15.1



#11
Tert butyl alcohol
Concen: 2.340 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#





#13

Acrolein

Concen: 1.225 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

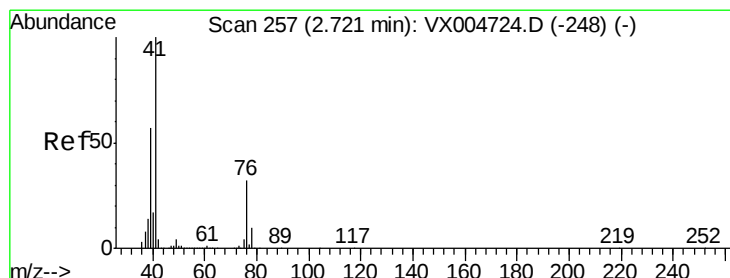
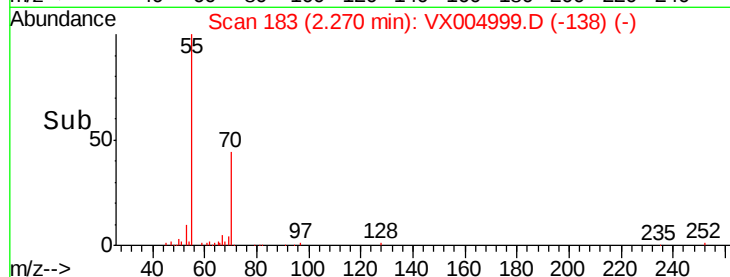
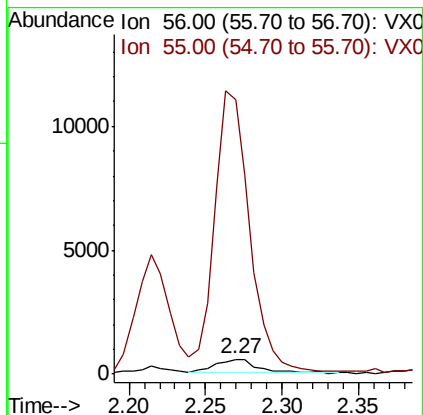
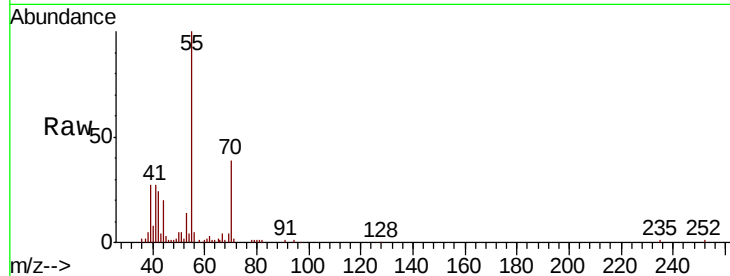
FA18-JEBS-7DL

Tot Ion: 56 Resp: 1058

Ion Ratio Lower Upper

56 100

55 1683.2 63.4 95.2#



#14

Allyl chloride

Concen: 0.323 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.11 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

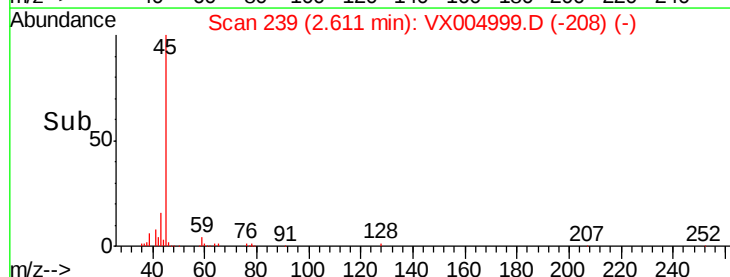
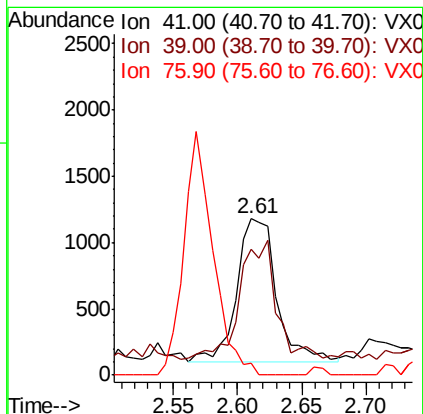
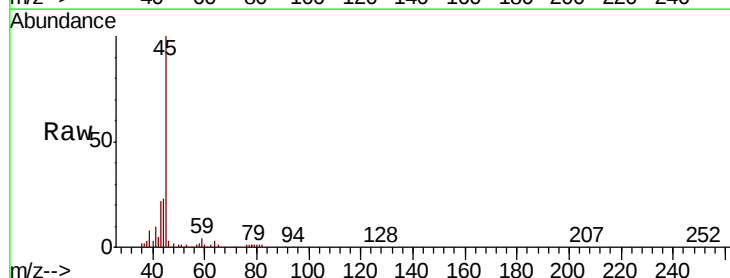
Tgt Ion: 41 Resp: 2323

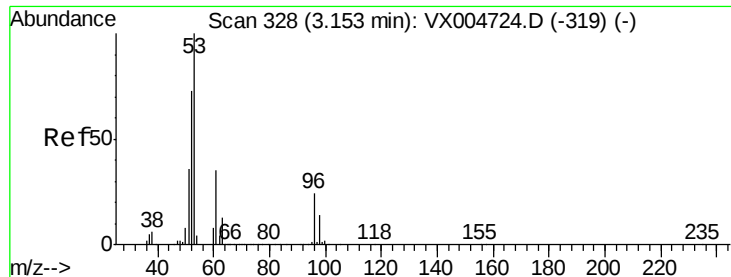
Ion Ratio Lower Upper

41 100

39 75.7 44.1 66.1#

76 0.0 25.0 37.4#





#15

Acrylonitrile

Concen: 0.681 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

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FA18-JEBS-7DL

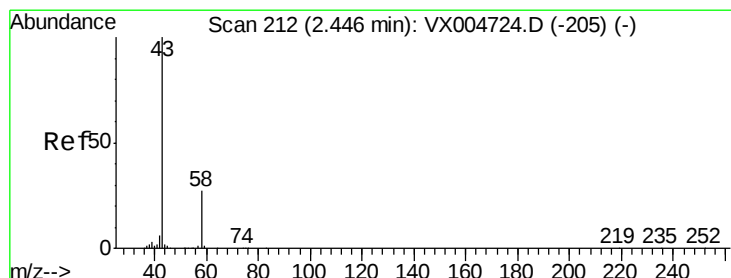
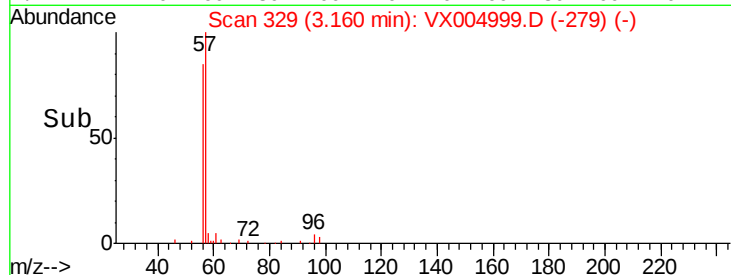
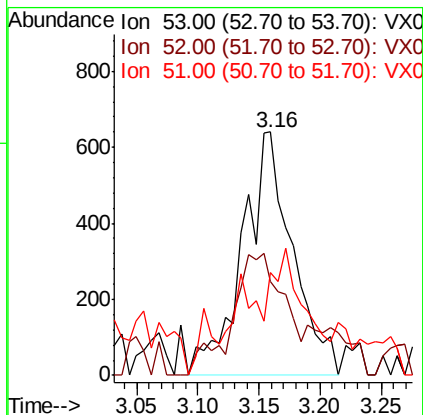
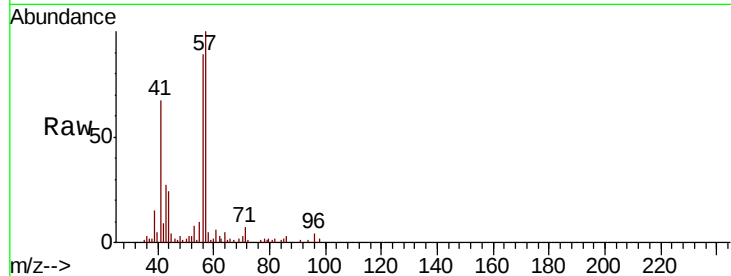
Tot Ion: 53 Resp: 1820

Ion Ratio Lower Upper

53 100

52 32.3 63.0 94.4#

51 21.9 28.6 42.8#



#16

Acetone

Concen: 4.813 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004999.D

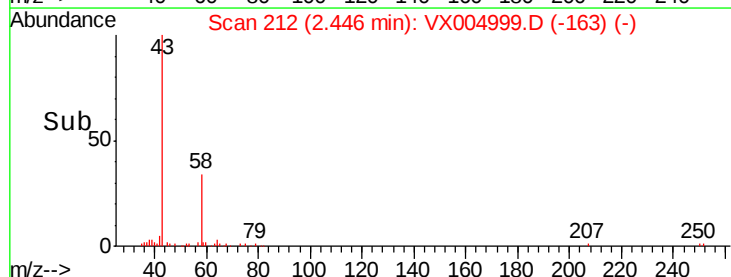
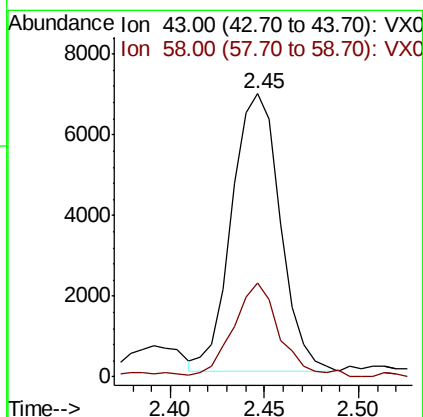
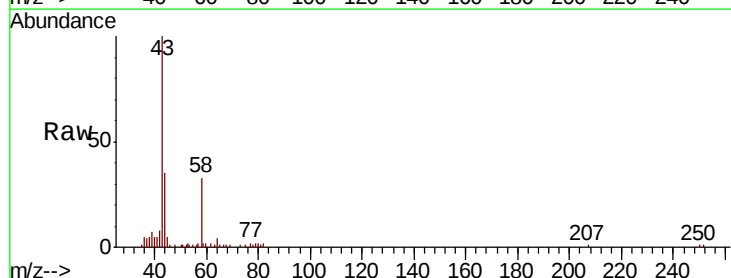
Acq: 04 Oct 2018 05:34

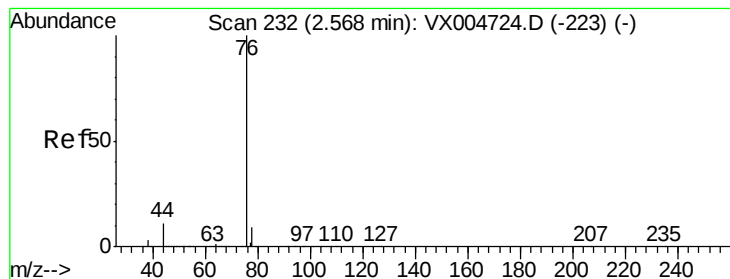
Tgt Ion: 43 Resp: 12201

Ion Ratio Lower Upper

43 100

58 33.0 21.8 32.6#





#17

Carbon Disulfide

Concen: 0.289 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

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ClientSampleId :

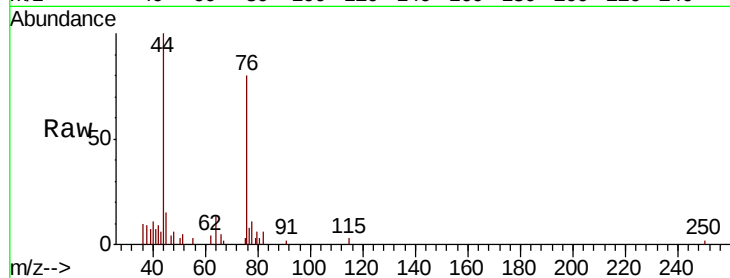
FA18-JEBS-7DL

Tot Ion: 76 Resp: 2859

Ion Ratio Lower Upper

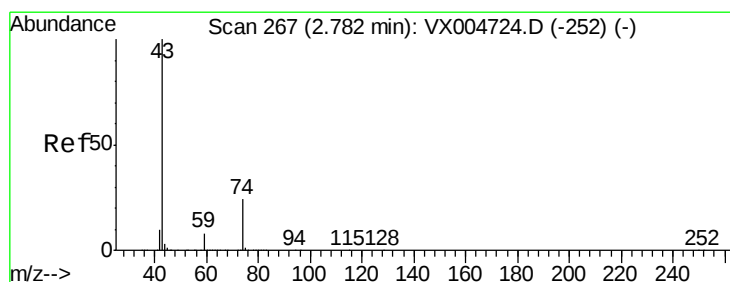
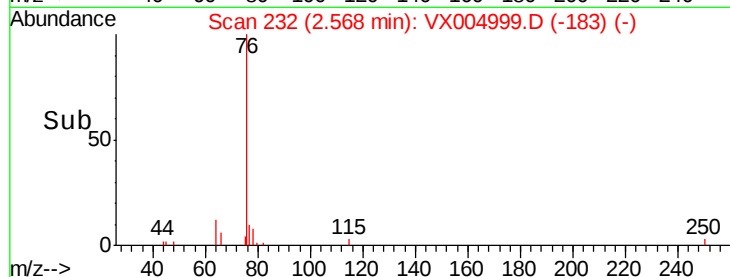
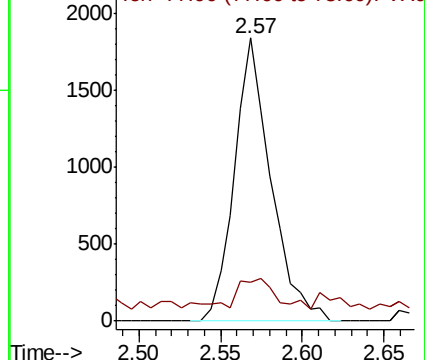
76 100

78 7.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 14.010 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.06 min

Lab File: VX004999.D

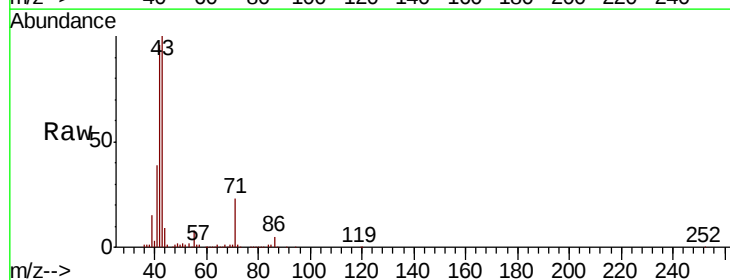
Acq: 04 Oct 2018 05:34

Tgt Ion: 43 Resp: 89982

Ion Ratio Lower Upper

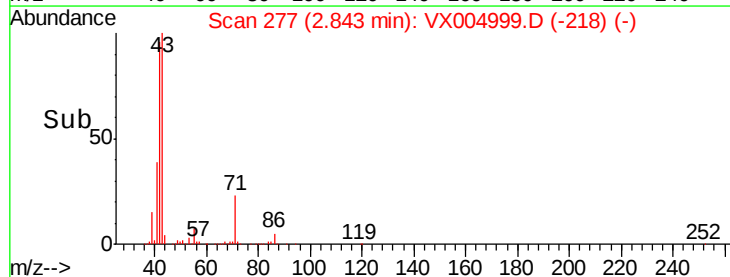
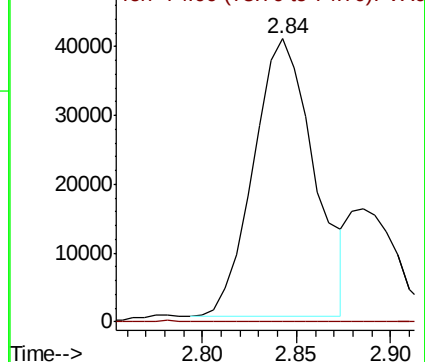
43 100

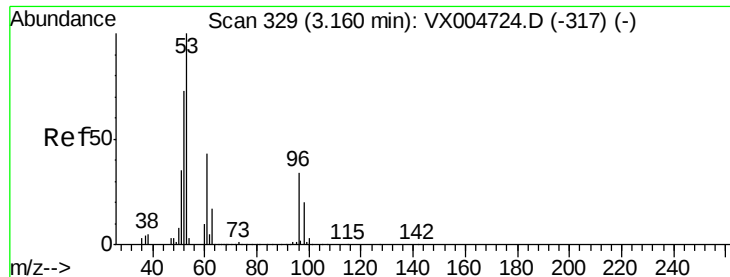
74 0.0 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.253 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7DL

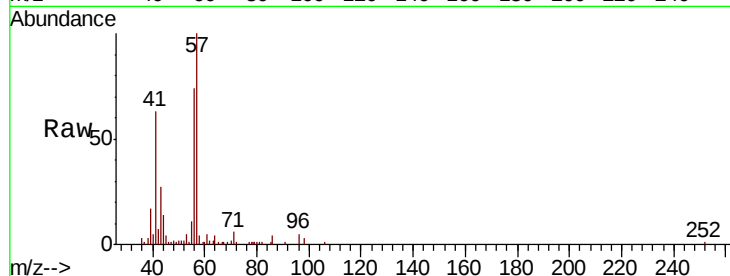
Tot Ion: 96 Resp: 913

Ion Ratio Lower Upper

96 100

61 99.8 101.0 151.6#

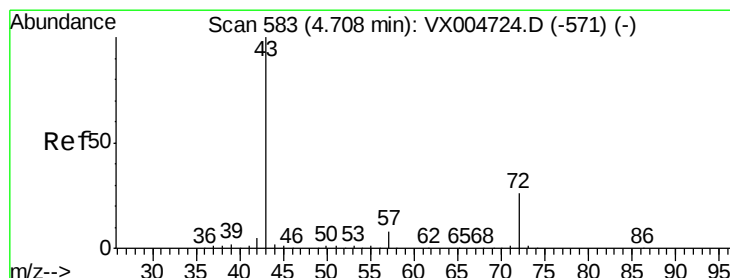
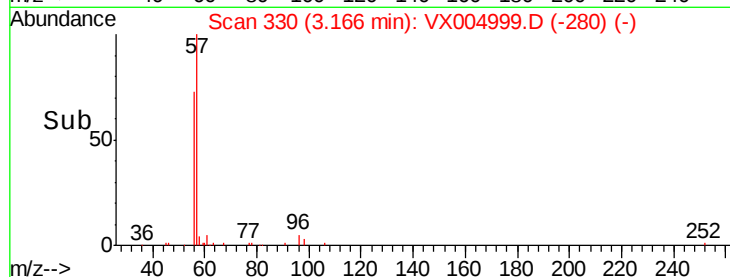
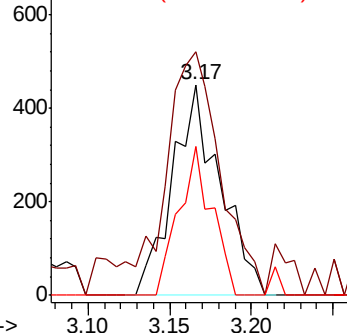
98 70.3 47.2 70.8



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



#25

2-Butanone

Concen: 1.039 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004999.D

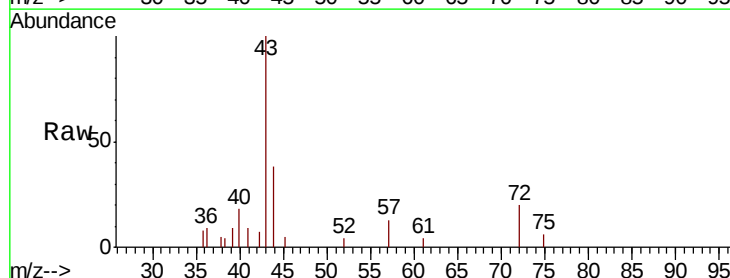
Acq: 04 Oct 2018 05:34

Tgt Ion: 43 Resp: 3883

Ion Ratio Lower Upper

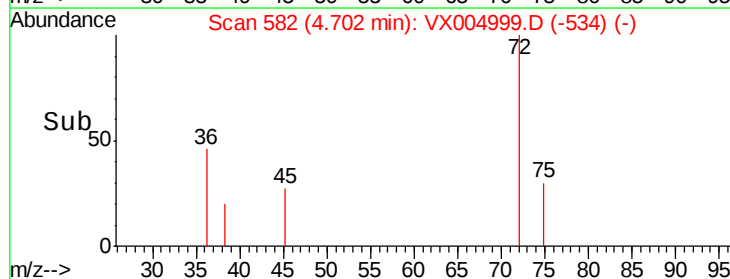
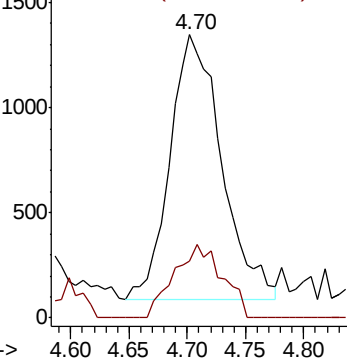
43 100

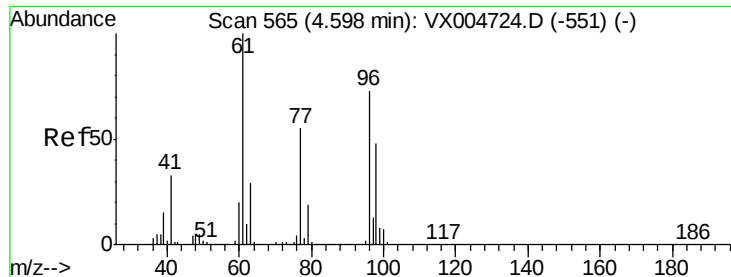
72 21.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



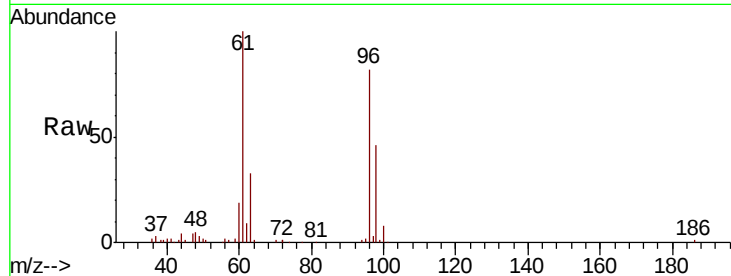


#27

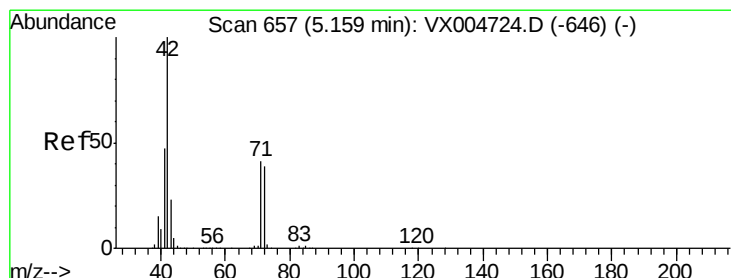
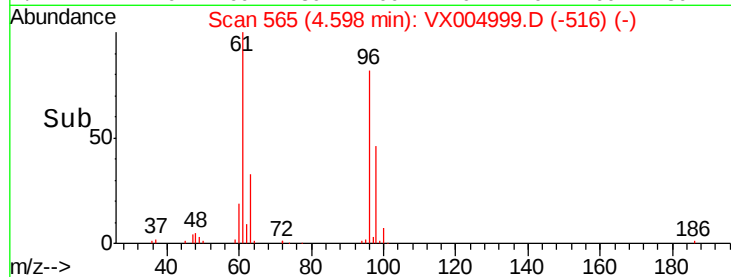
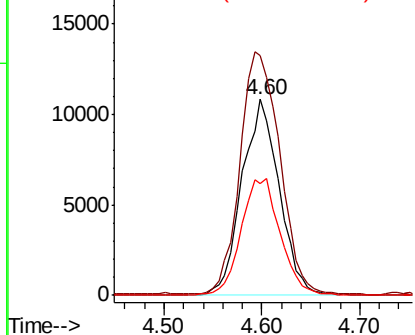
cis-1,2-Dichloroethene
Concen: 7.116 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

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



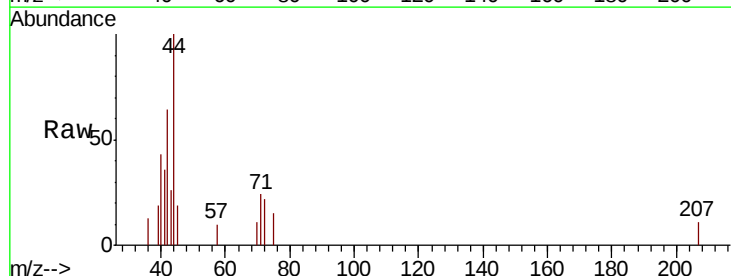
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



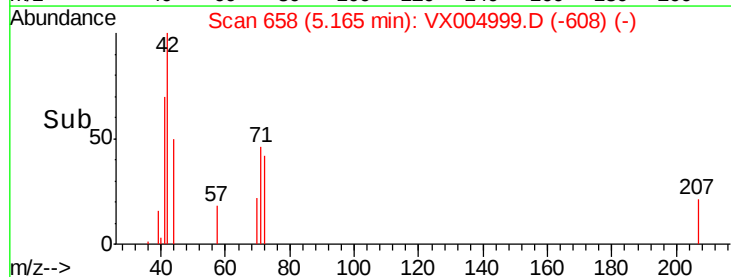
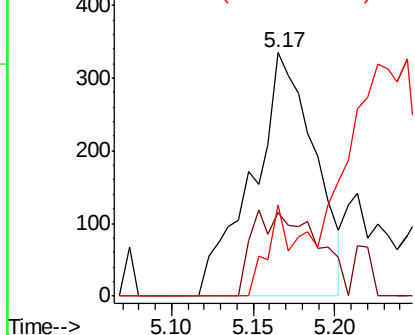
#29

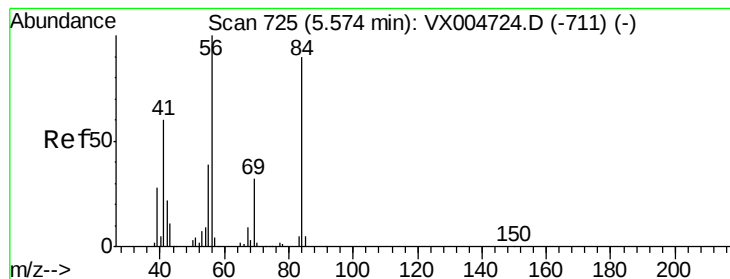
Tetrahydrofuran
Concen: 0.381 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Tgt Ion: 42 Resp: 886
Ion Ratio Lower Upper
42 100
72 11.5 33.7 50.5#
71 15.5 32.2 48.4#



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





#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

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7DL

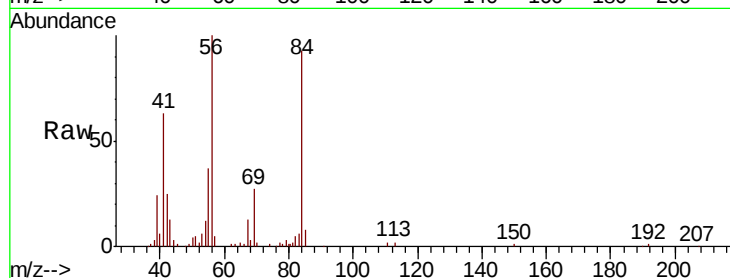
Tot Ion: 56 Resp: 59822

Ion Ratio Lower Upper

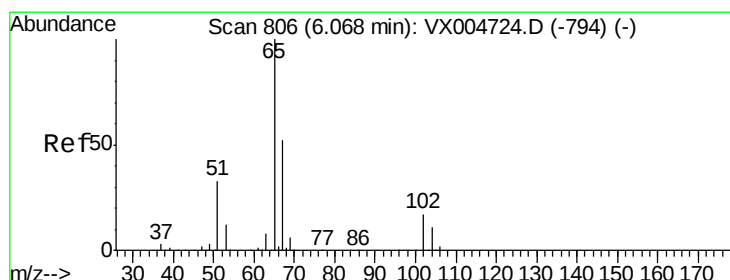
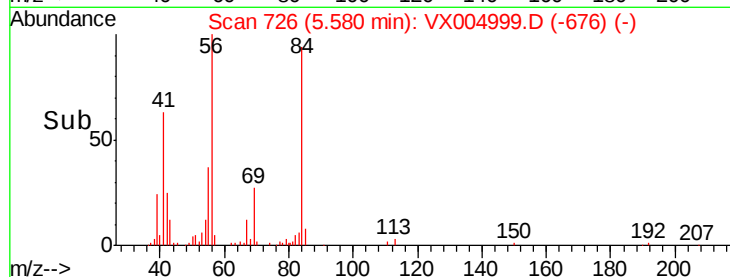
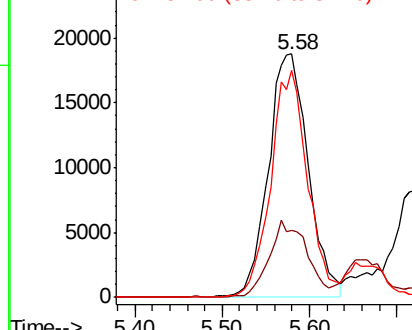
56 100

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

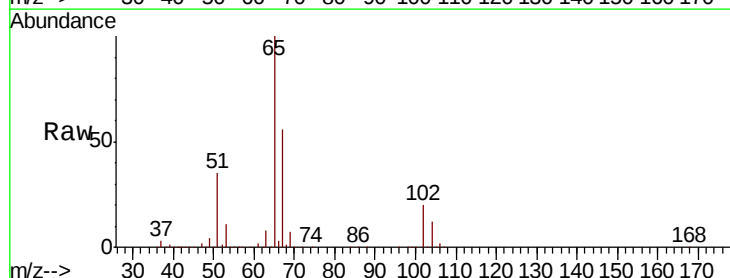
Acq: 04 Oct 2018 05:34

Tgt Ion: 65 Resp: 191222

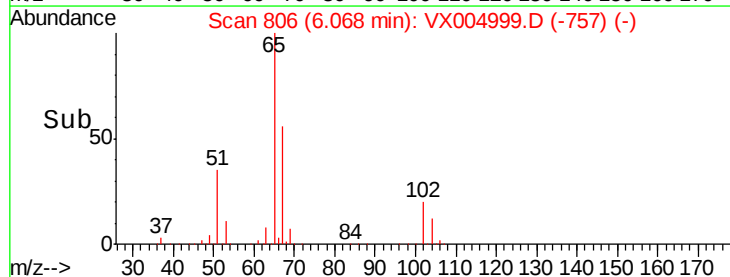
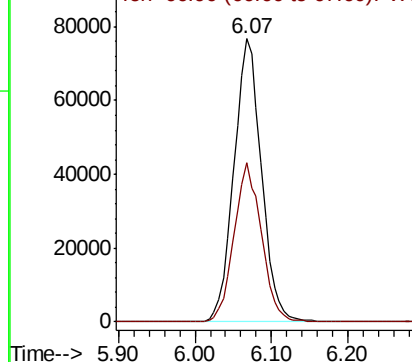
Ion Ratio Lower Upper

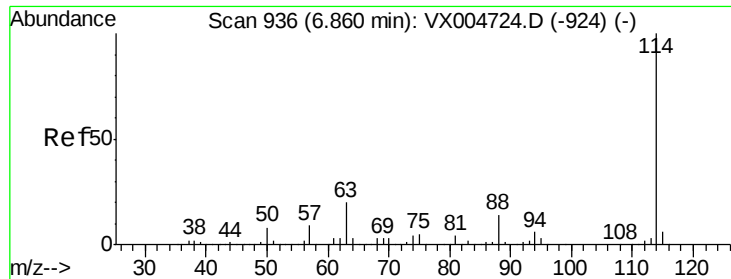
65 100

67 55.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

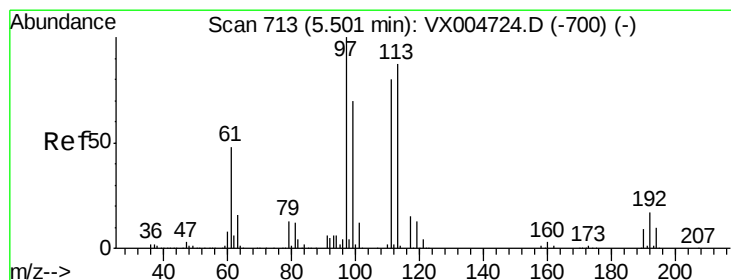
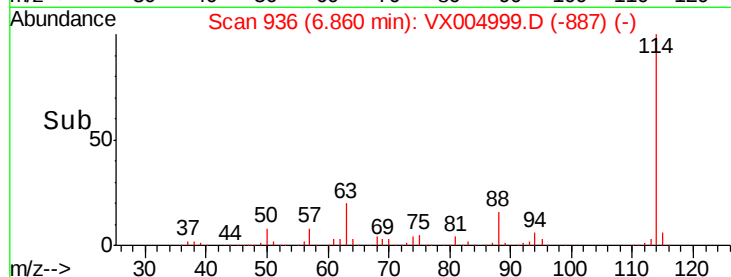
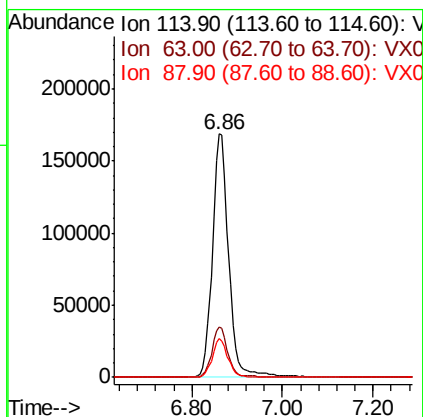
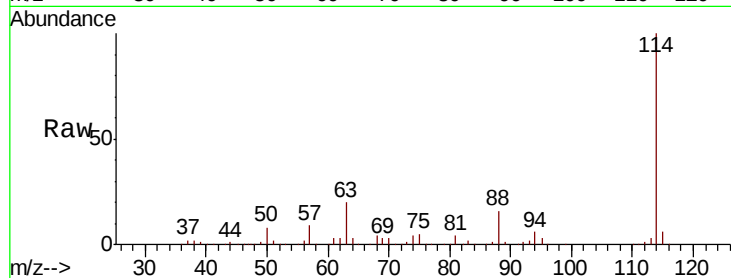




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

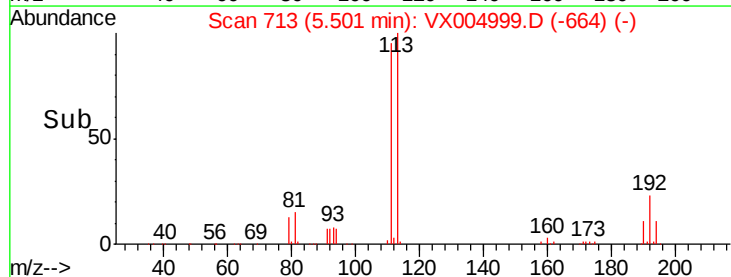
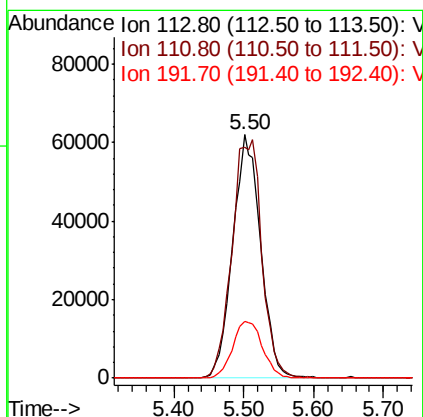
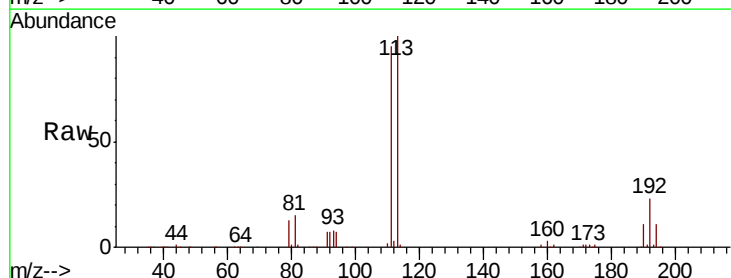
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7DL

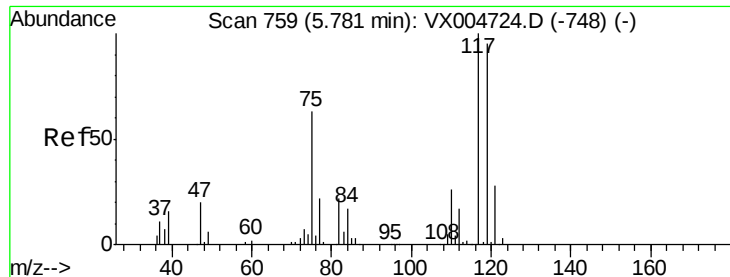
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	15.9	0.0	27.0



#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

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	77.0	115.4
192	24.9	17.0	25.6

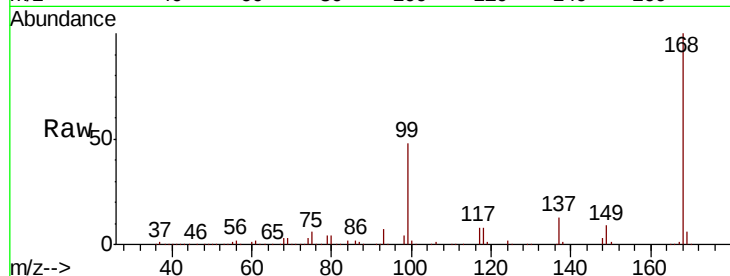




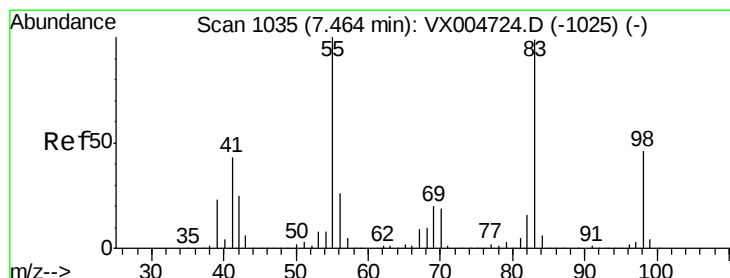
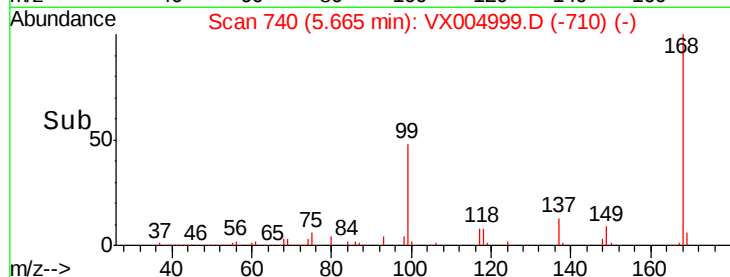
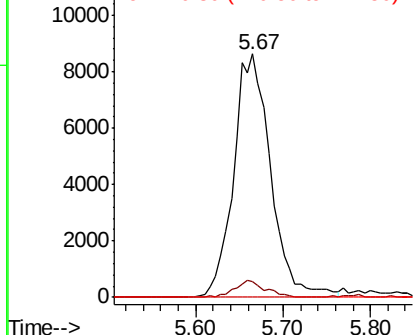
#38
Carbon Tetrachloride
Concen: 4.902 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

Tot Ion:117 Resp: 25425
Ion Ratio Lower Upper
117 100
119 6.3 75.2 112.8#
121 0.0 22.5 33.7#

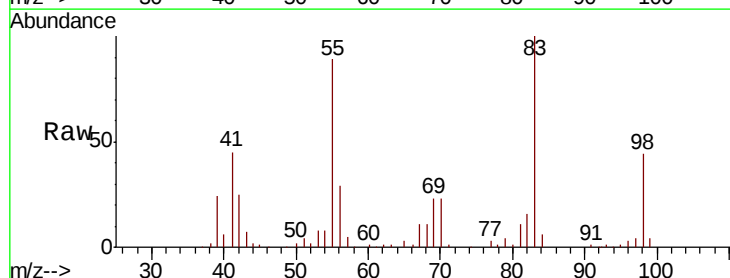


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

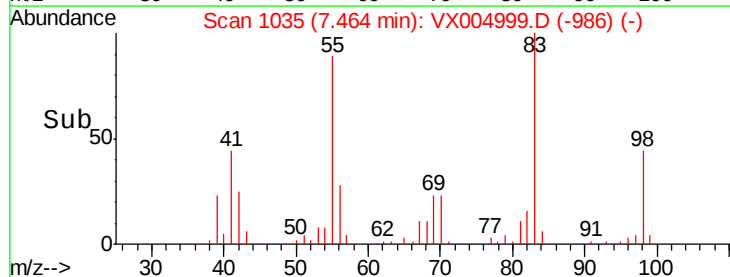
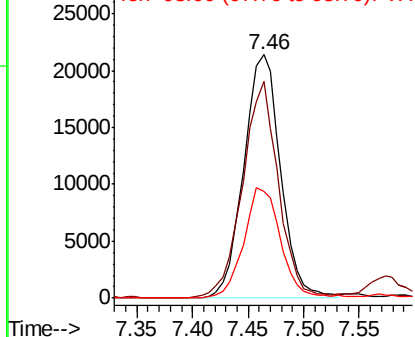


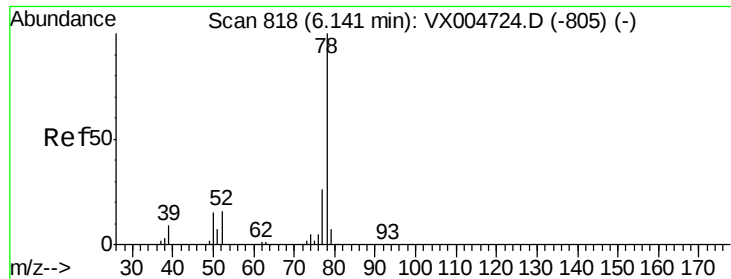
#39
Methylcyclohexane
Concen: 9.799 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

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 :

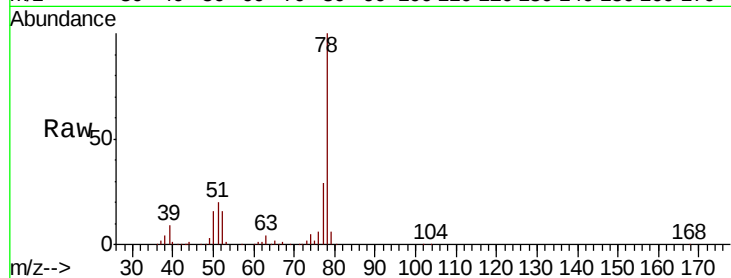
FA18-JEBS-7DL

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

6.14

40000

30000

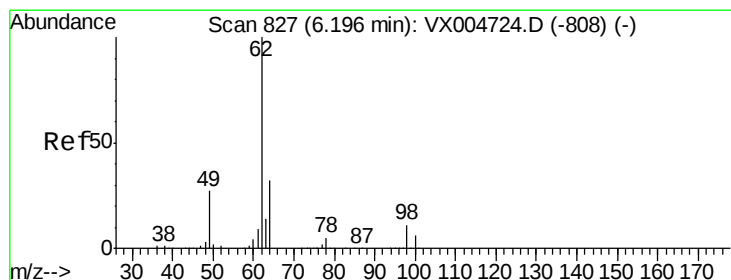
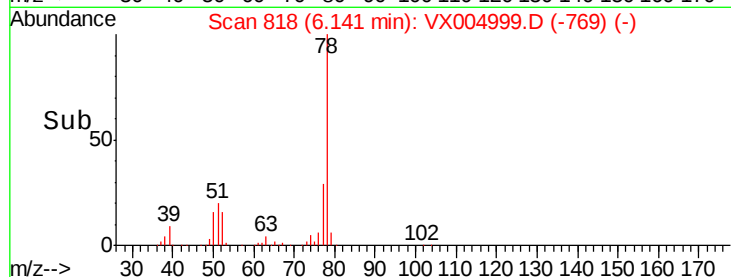
20000

10000

0

Time-->

6.00 6.10 6.20 6.30



#42

1,2-Dichloroethane

Concen: 0.253 ug/l

RT: 6.15 min Scan# 820

Delta R.T. -0.04 min

Lab File: VX004999.D

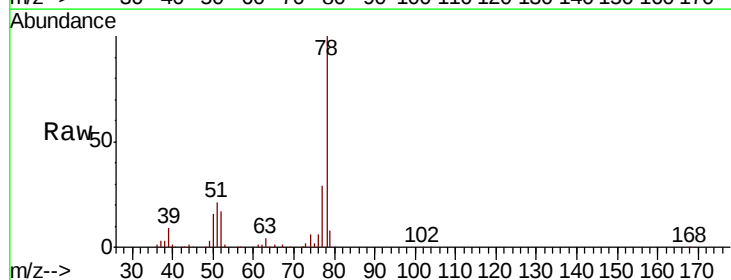
Acq: 04 Oct 2018 05:34

Tgt Ion: 62 Resp: 1380

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.15

400

300

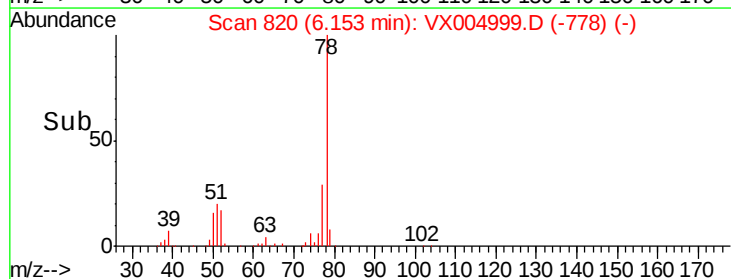
200

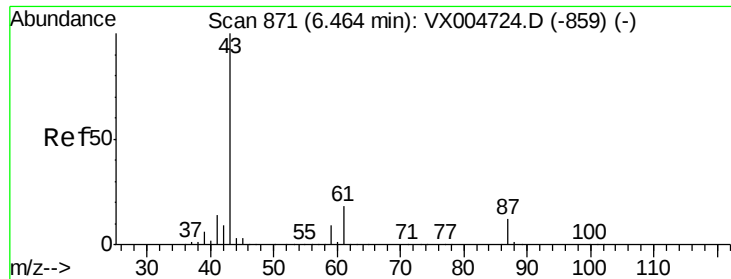
100

0

Time-->

6.10 6.20 6.30



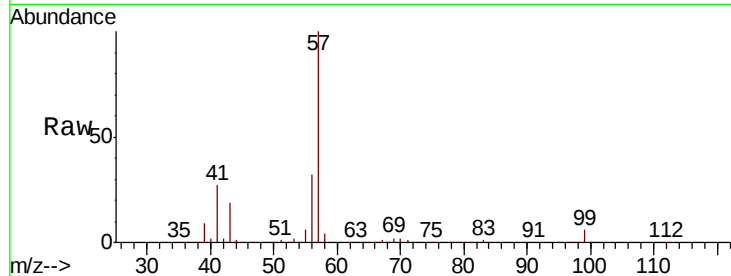


#43

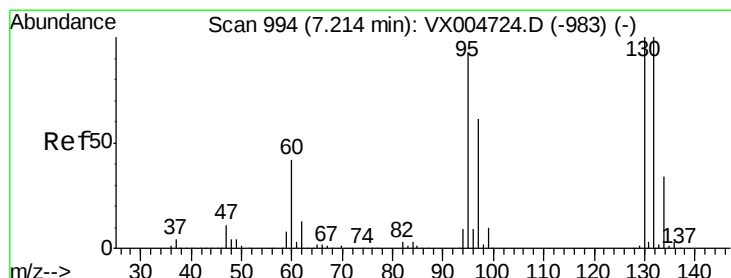
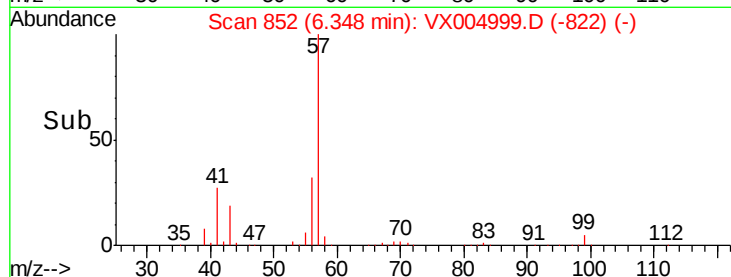
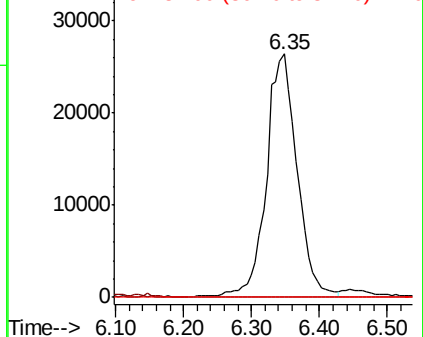
Isopropyl Acetate
 Concen: 8.824 ug/l
 RT: 6.35 min Scan# 852
 Delta R.T. -0.12 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7DL

Tot Ion: 43 Resp: 83409
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.2 21.4#
 87 0.0 9.3 13.9#



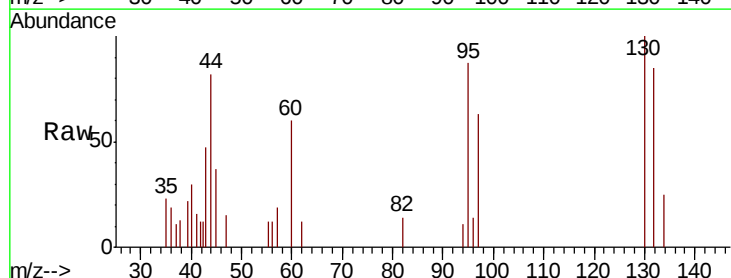
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



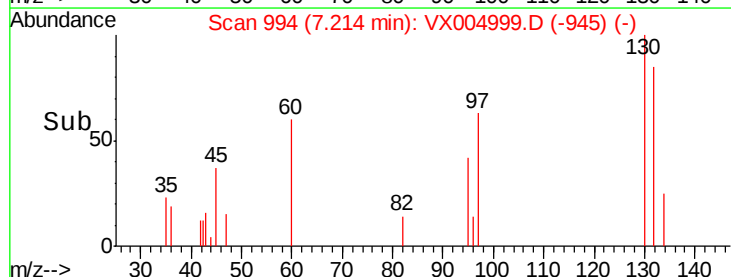
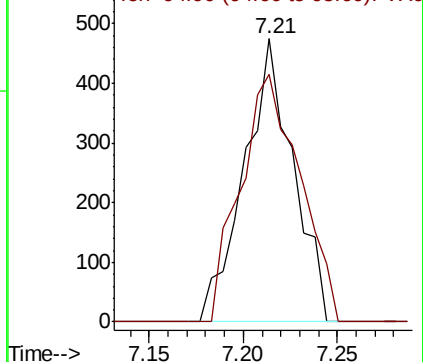
#44

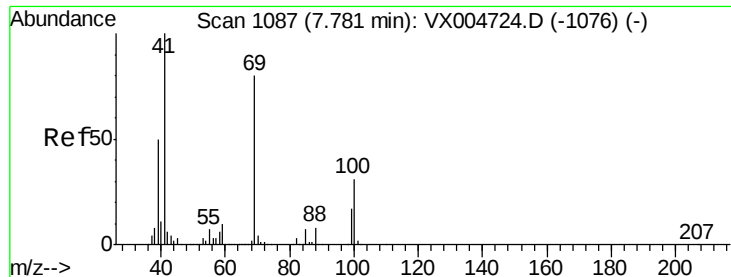
Trichloroethene
 Concen: 0.224 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

Tgt Ion:130 Resp: 852
 Ion Ratio Lower Upper
 130 100
 95 87.3 0.0 186.8



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

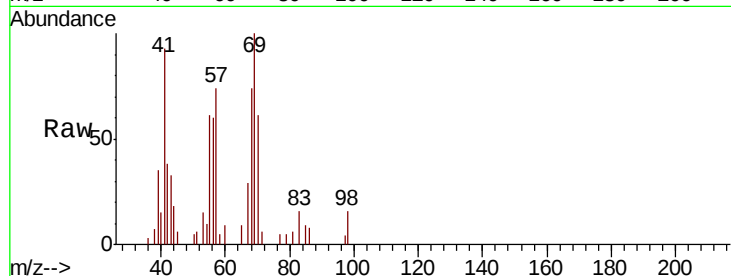




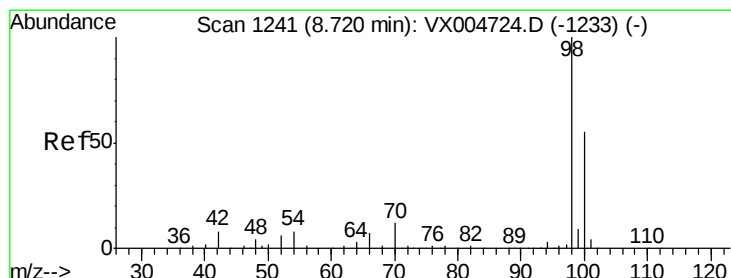
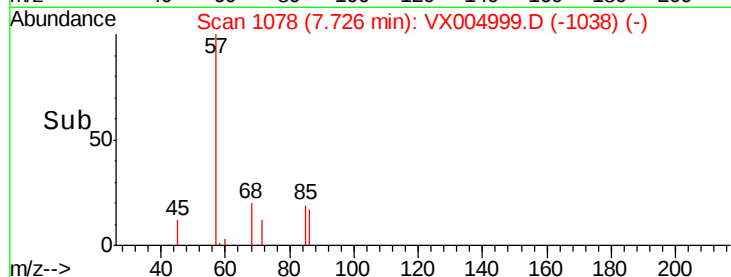
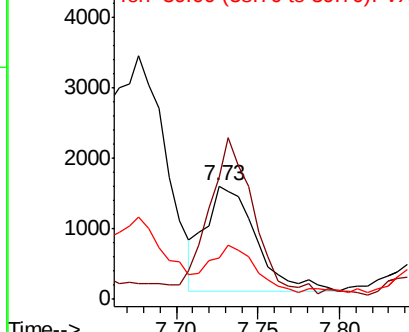
#48
Methyl methacrylate
Concen: 0.755 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

Tot Ion: 41 Resp: 3239
Ion Ratio Lower Upper
41 100
69 149.2 63.8 95.6#
39 40.2 40.7 61.1#

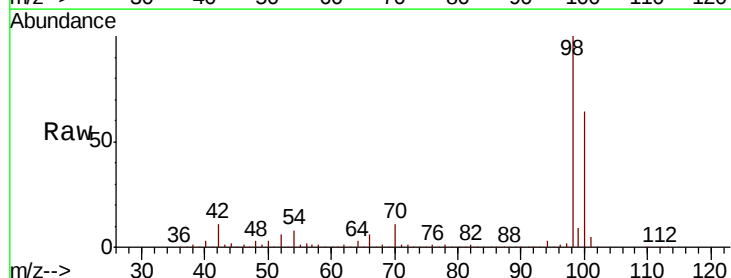


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

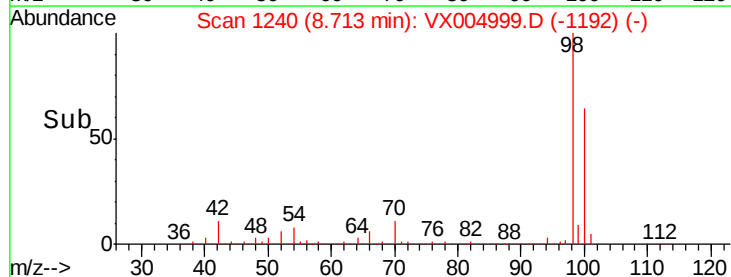
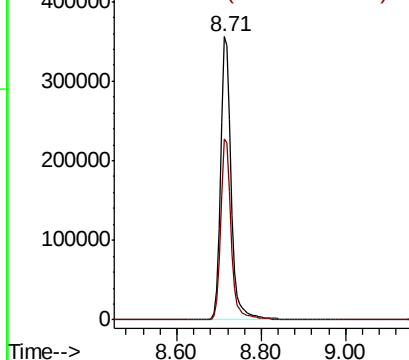


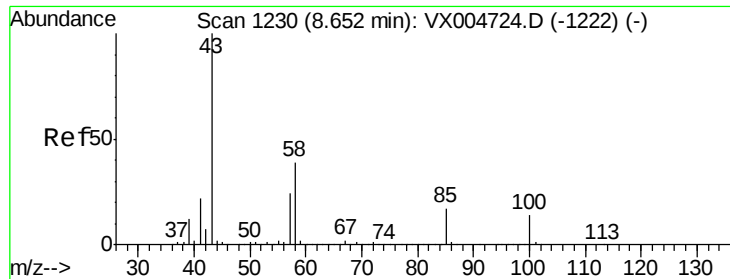
#50
Toluene-d8
Concen: 51.460 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

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





#51

4-Methyl-2-Pentanone

Concen: 3.078 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampled :

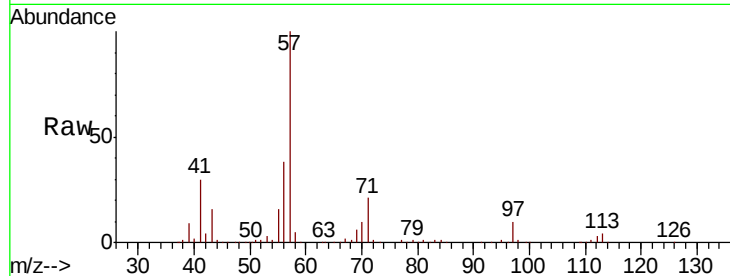
FA18-JEBS-7DL

Tot Ion: 43 Resp: 18323

Ion Ratio Lower Upper

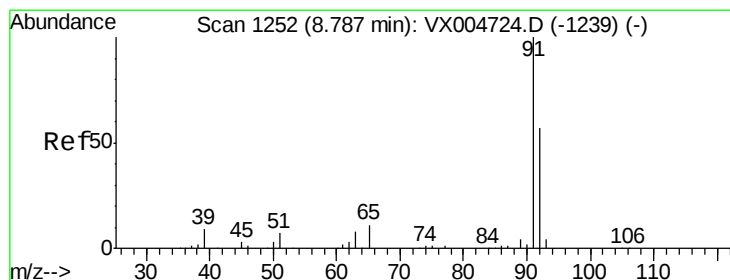
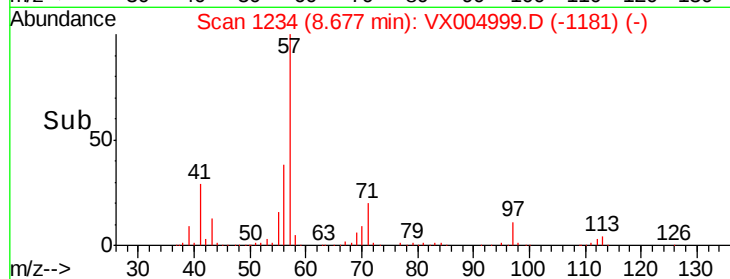
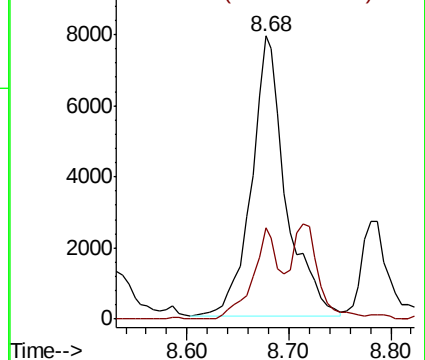
43 100

58 24.8 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 27.264 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004999.D

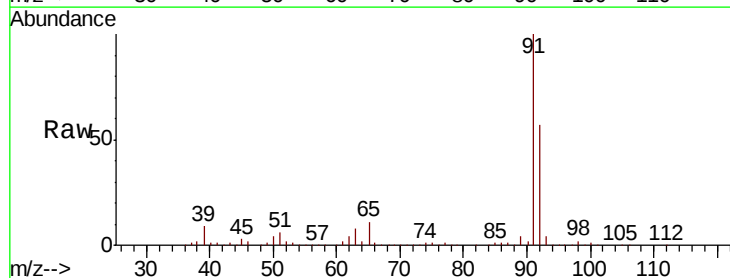
Acq: 04 Oct 2018 05:34

Tgt Ion: 92 Resp: 231408

Ion Ratio Lower Upper

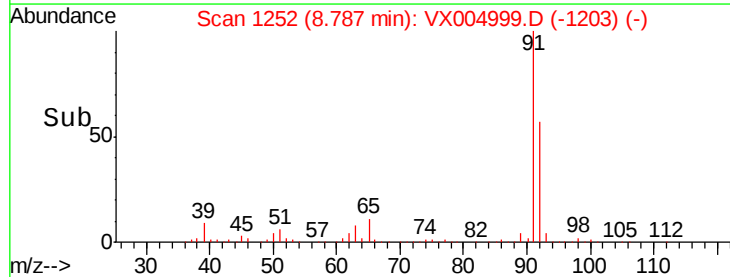
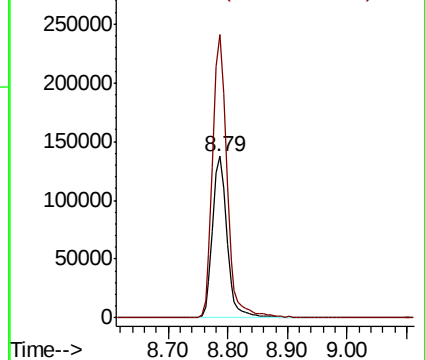
92 100

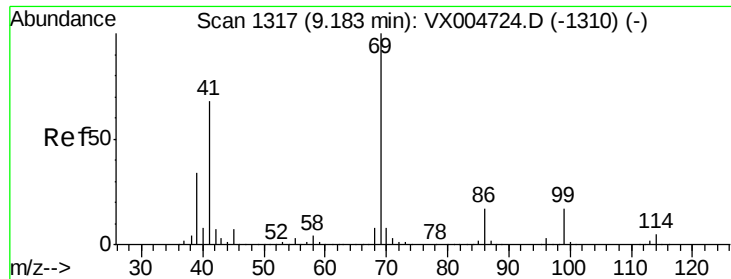
91 173.0 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

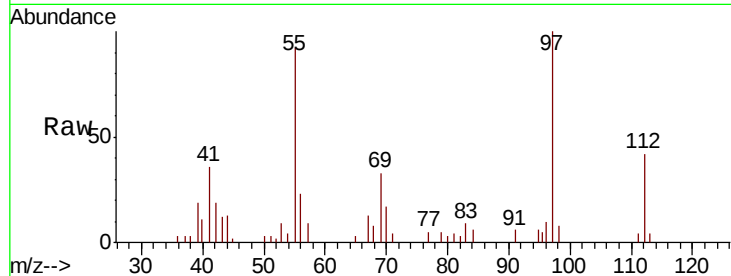




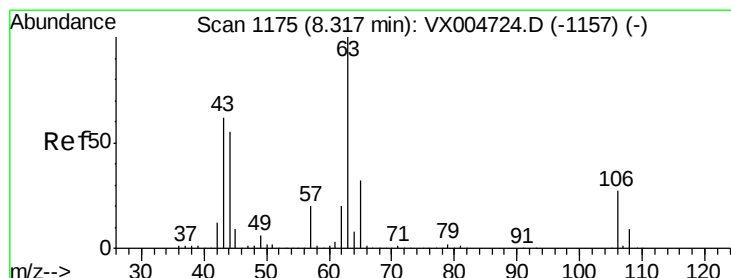
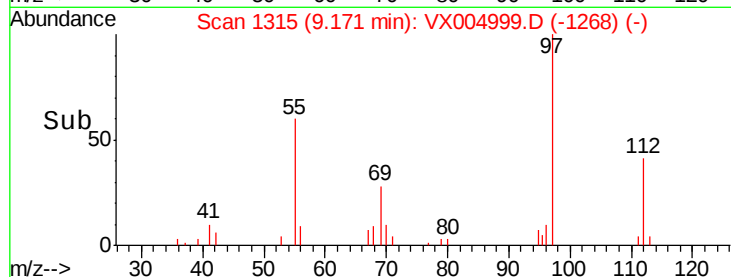
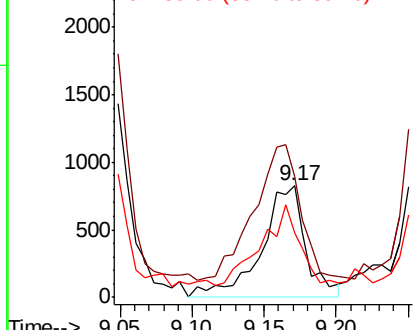
#56
Ethyl methacrylate
Concen: 3.139 ug/l
RT: 9.17 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Instrument :
MSVOA_X
ClientSampled :
FA18-JEBS-7DL

Tot Ion: 69 Resp: 1774
Ion Ratio Lower Upper
69 100
41 127.8 56.9 85.3#
39 62.8 28.4 42.6#

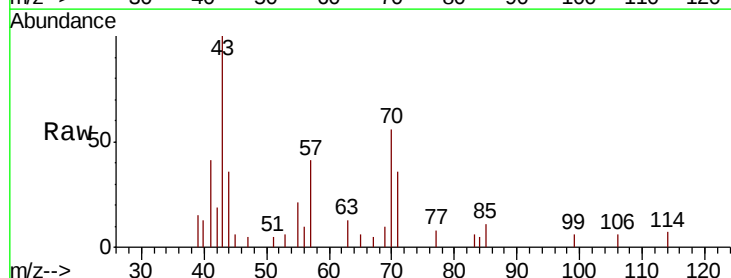


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

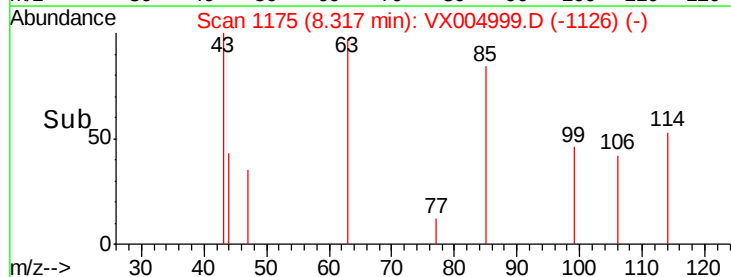
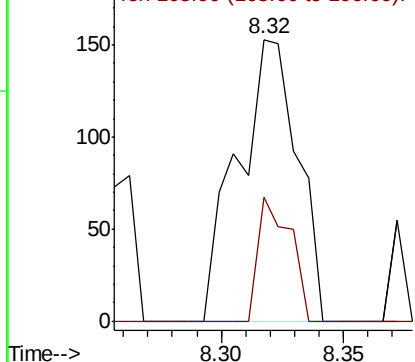


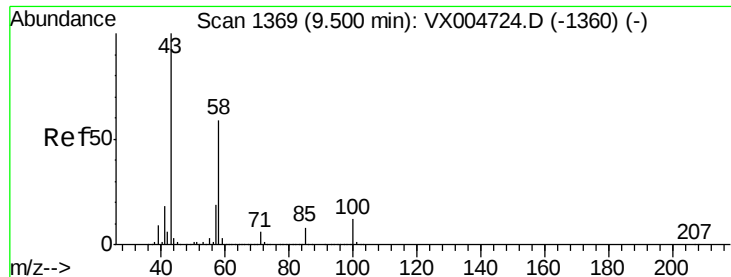
#58
2-Chloroethyl Vinyl ether
Concen: 14.319 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Tgt Ion: 63 Resp: 261
Ion Ratio Lower Upper
63 100
106 23.4 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

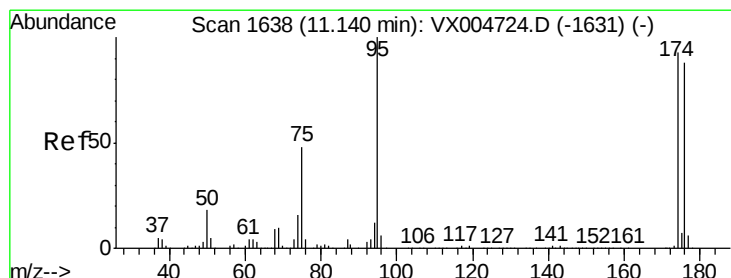
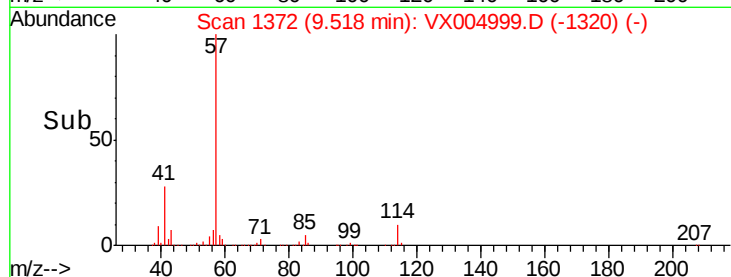
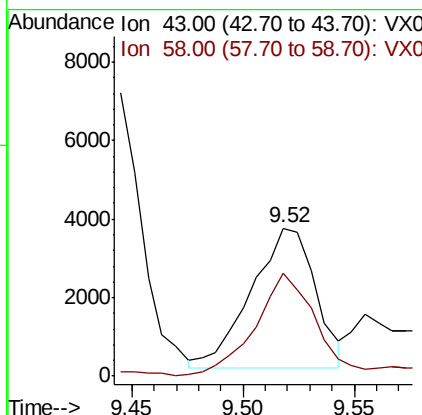
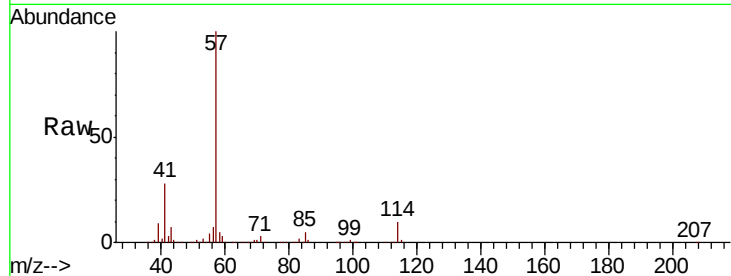




#59
2-Hexanone
Concen: 1.448 ug/l
RT: 9.52 min Scan# 1372
Delta R.T. 0.02 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

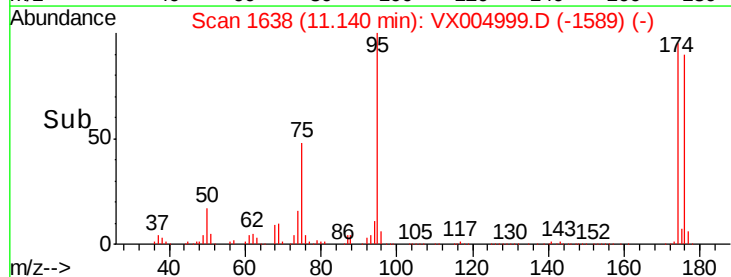
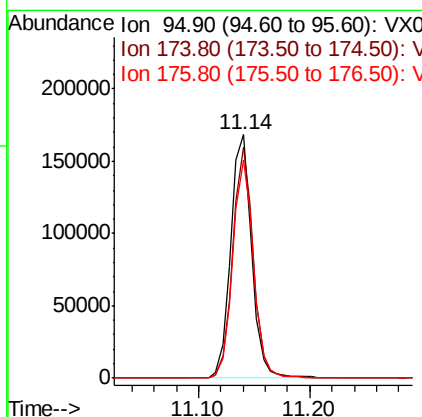
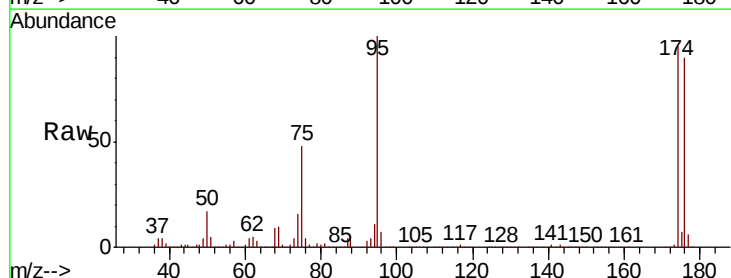
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

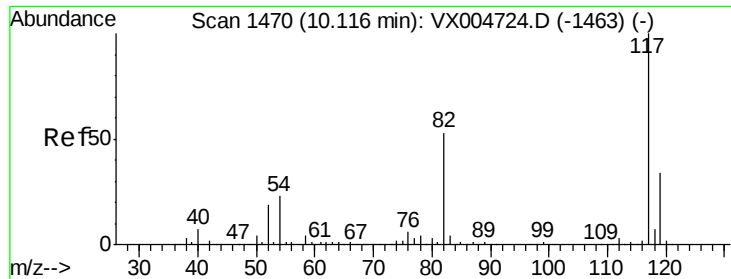
Tot Ion: 43 Resp: 7181
Ion Ratio Lower Upper
43 100
58 69.6 28.4 85.3



#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

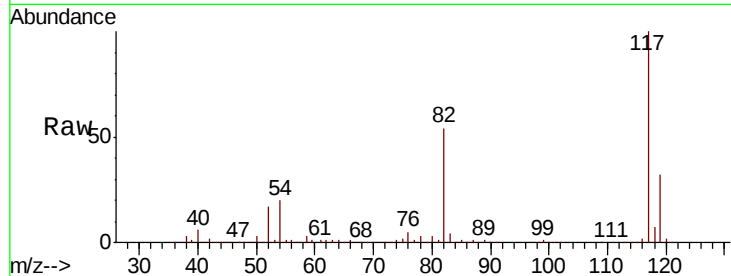




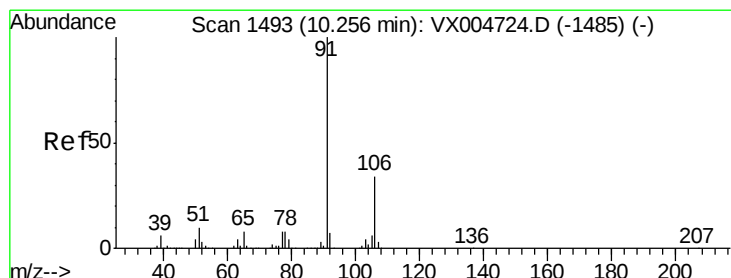
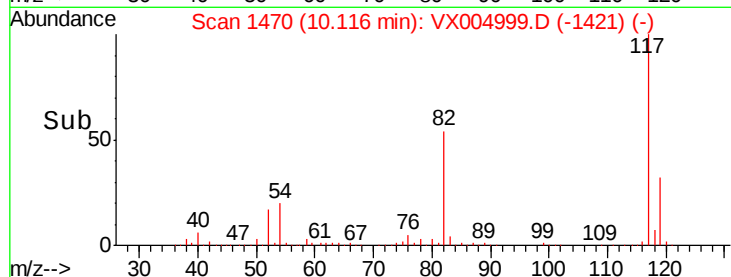
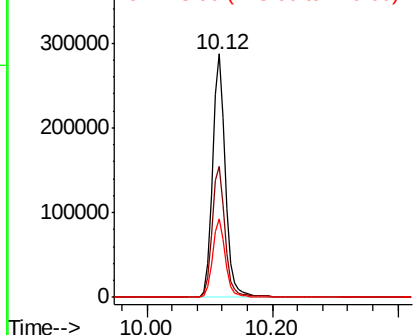
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

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

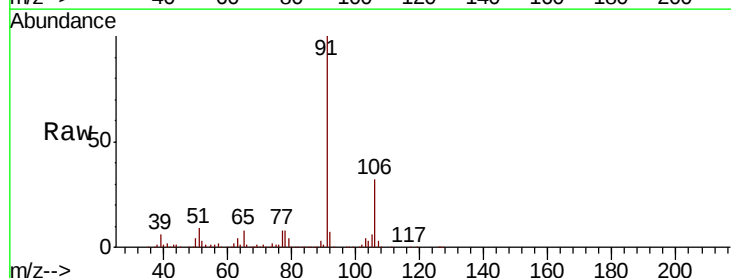


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

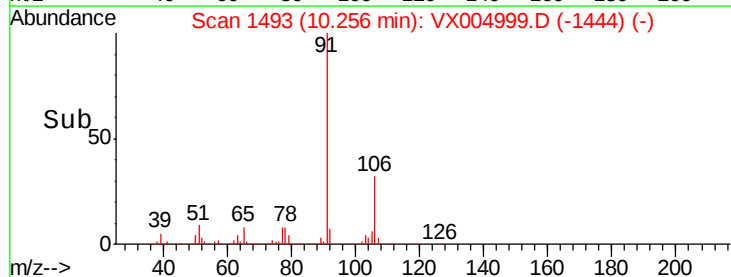
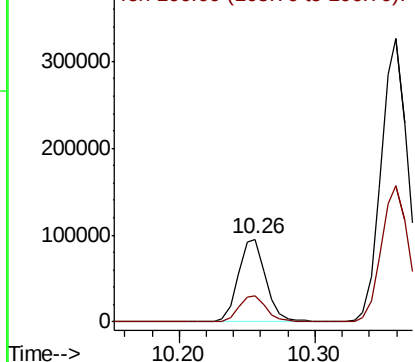


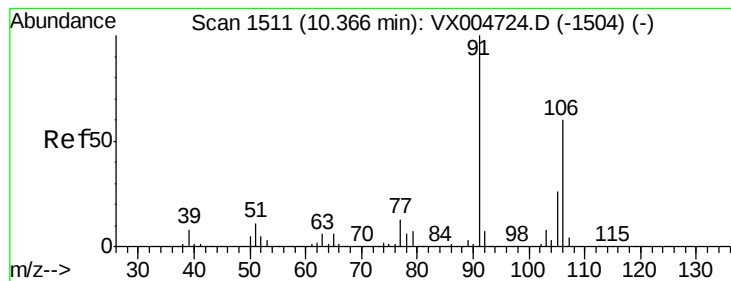
#67
Ethyl Benzene
Concen: 8.214 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

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

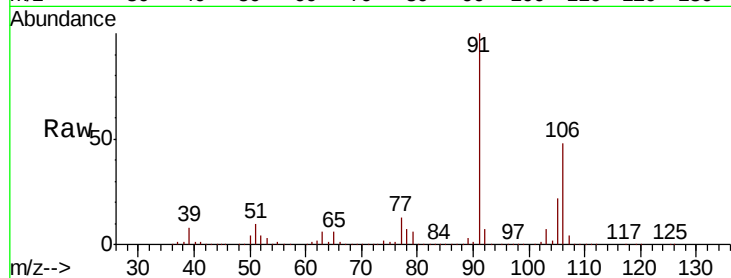




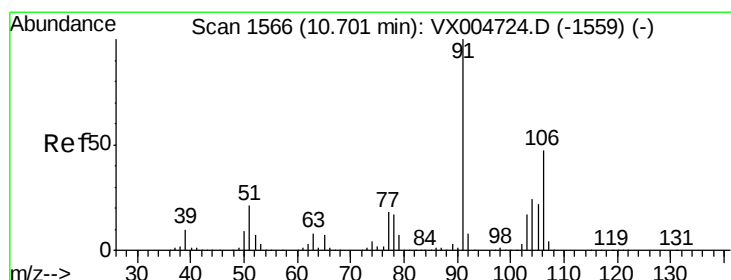
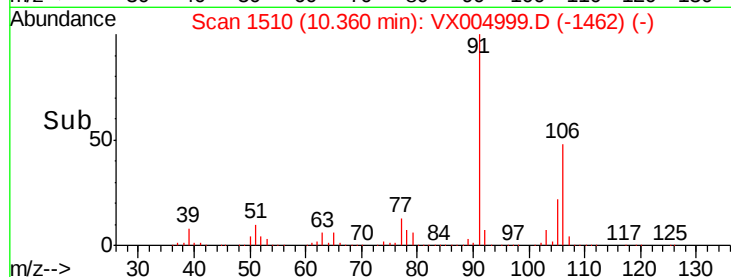
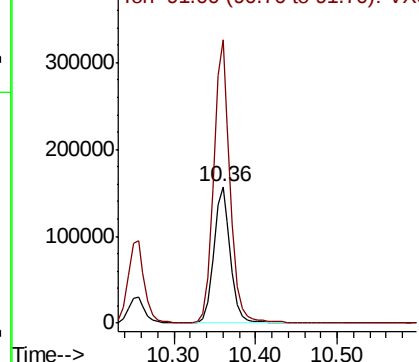
#68
m/p-Xylenes
Concen: 35.021 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

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

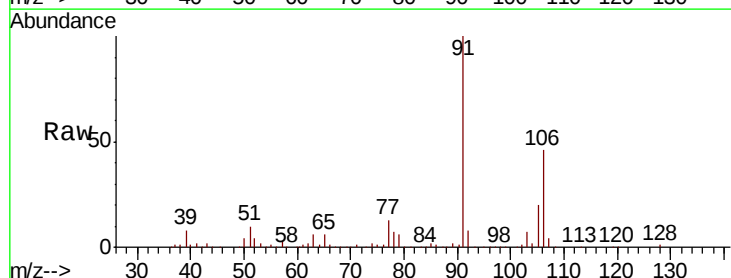


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

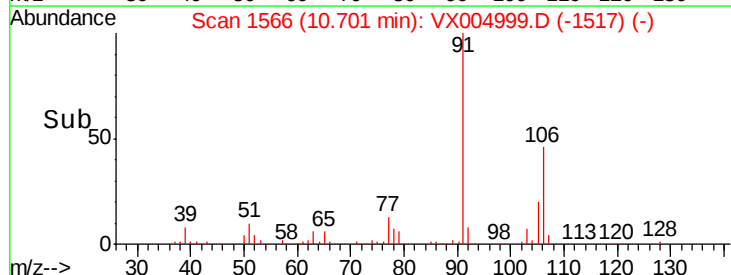
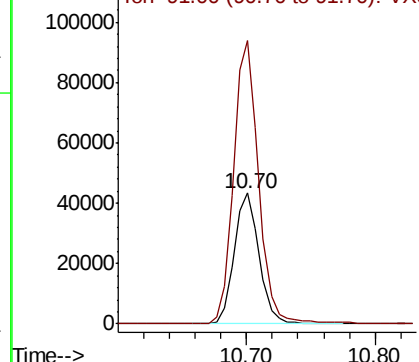


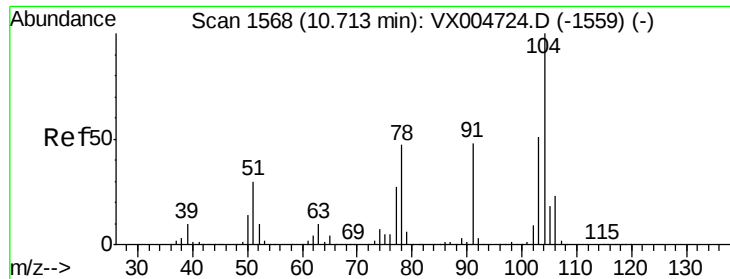
#69
o-Xylene
Concen: 9.944 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

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



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

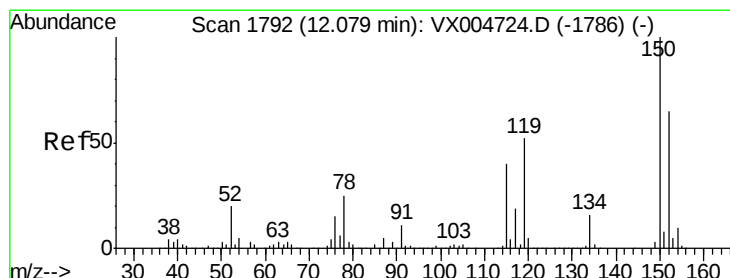
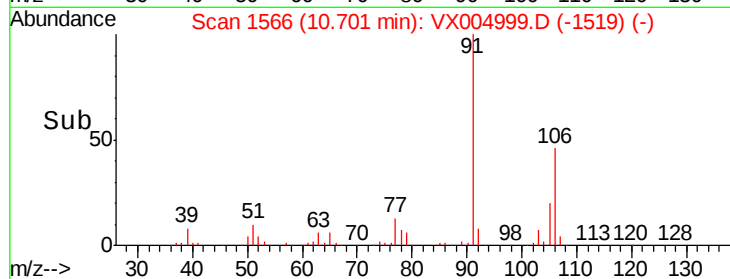
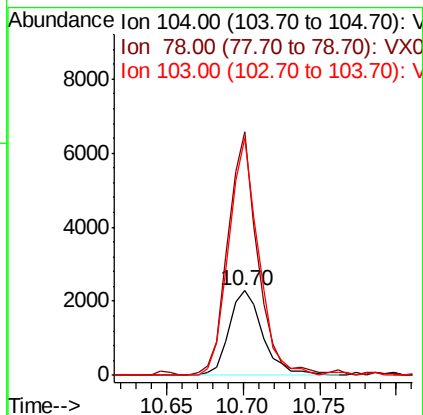
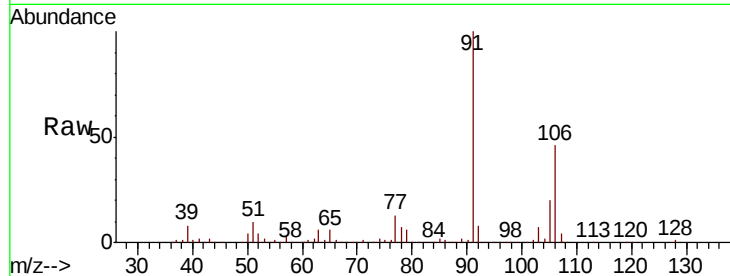




#70
Stvrene
Concen: 2.440 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

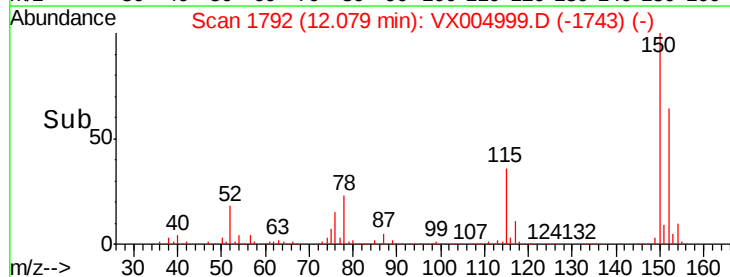
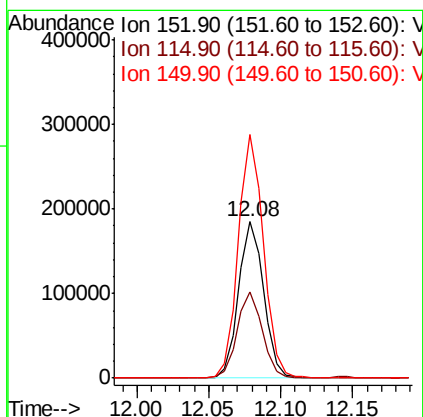
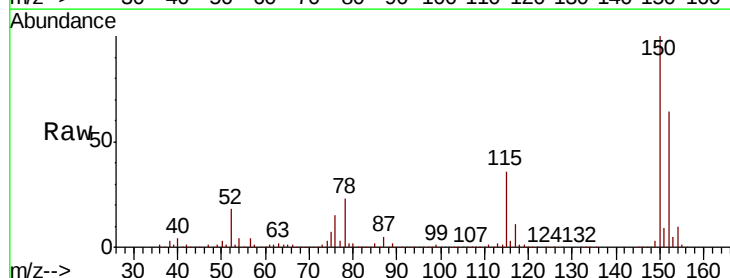
Instrument :
MSVOA_X
ClientSampleId :
FA18-JEBS-7DL

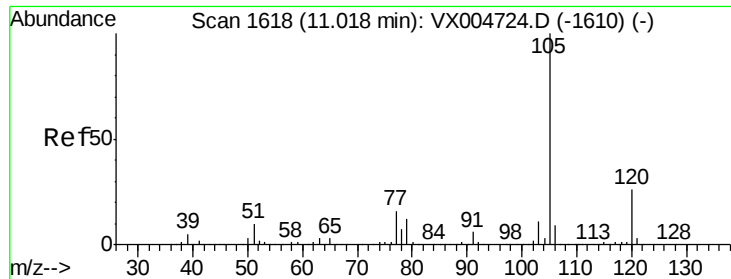
Tot Ion:104 Resp: 3472
Ion Ratio Lower Upper
104 100
78 258.7 40.0 60.0#
103 249.0 44.3 66.5#



#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

Tgt 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

Instrument :

MSVOA_X

ClientSampleId :

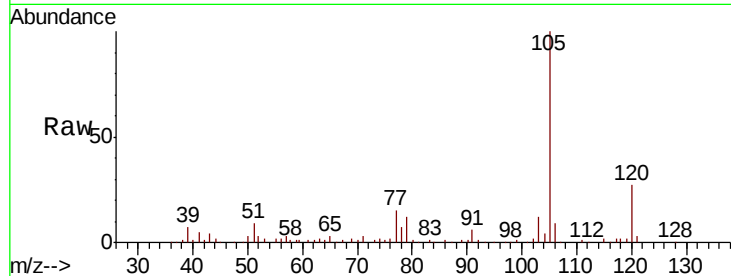
FA18-JEBS-7DL

Tot Ion:105 Resp: 23309

Ion Ratio Lower Upper

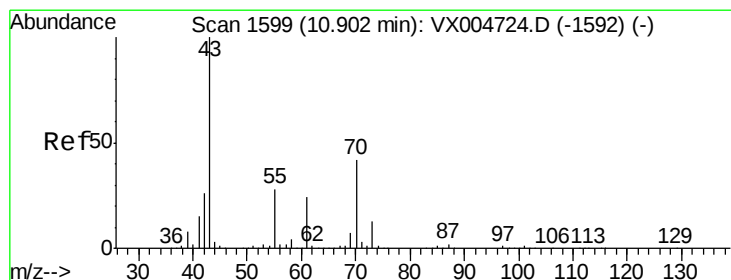
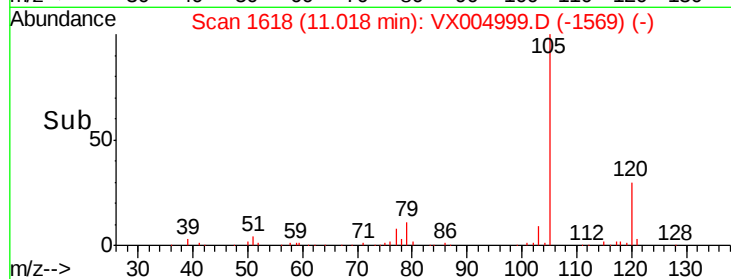
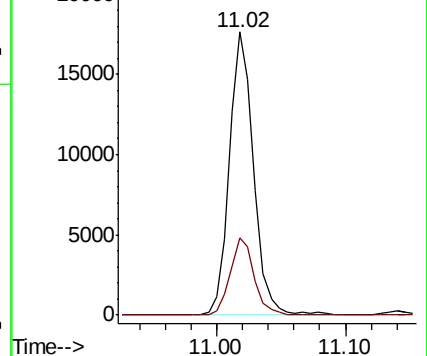
105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.929 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Tgt Ion: 43 Resp: 1462

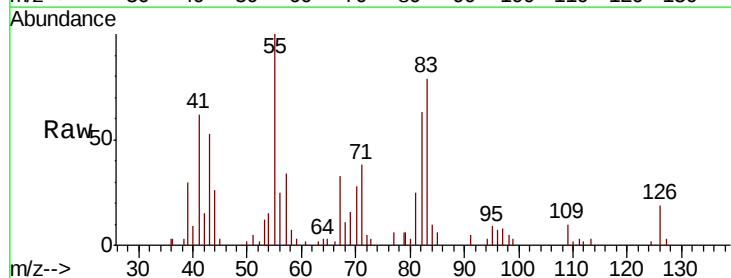
Ion Ratio Lower Upper

43 100

70 108.9 32.6 48.8#

55 345.9 21.6 32.4#

61 0.0 19.1 28.7#

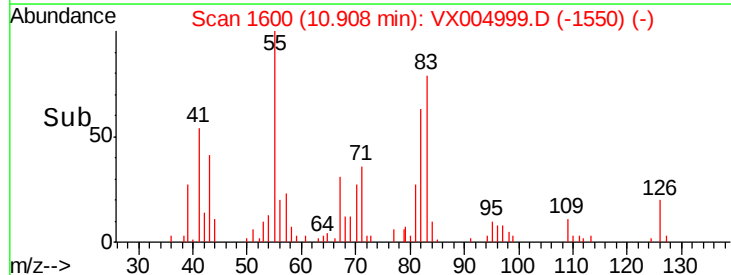
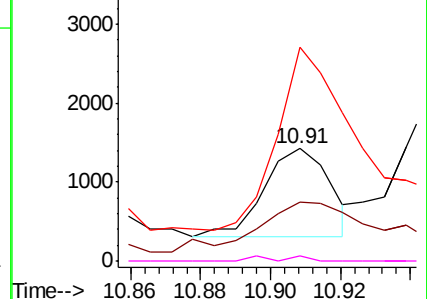


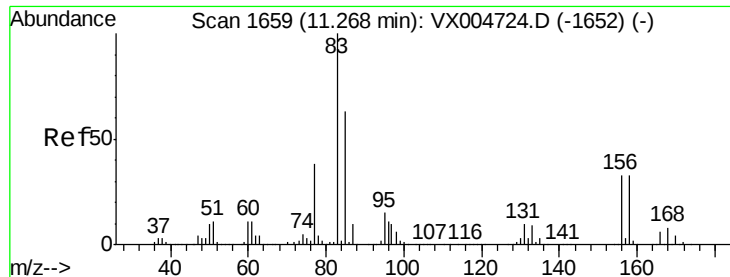
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.220 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

FA18-JEBS-7DL

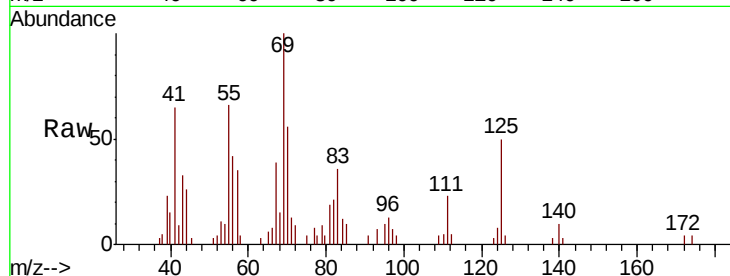
Tot Ion: 83 Resp: 1271

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

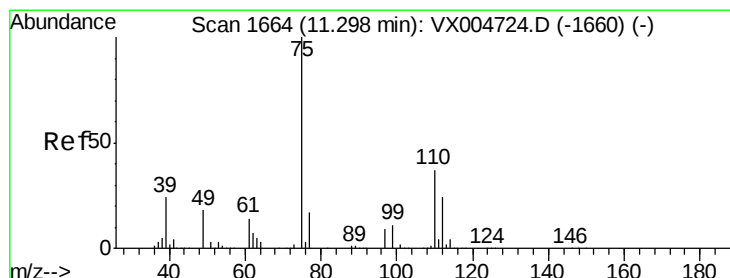
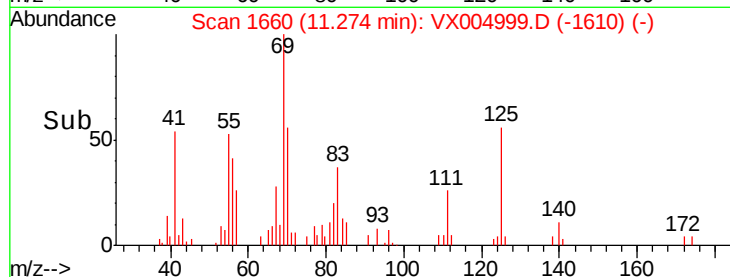
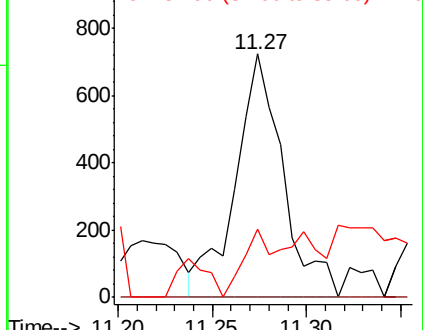
85 19.0 31.9 95.9#



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: 21.231 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004999.D

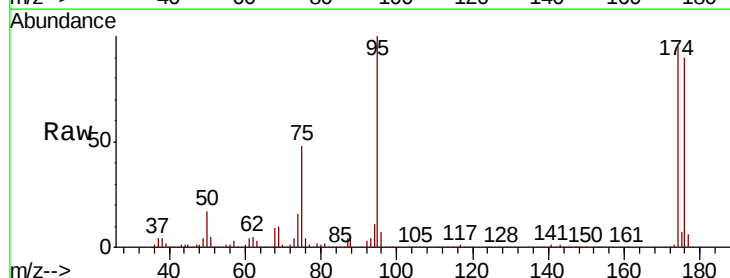
Acq: 04 Oct 2018 05:34

Tgt Ion: 75 Resp: 107144

Ion Ratio Lower Upper

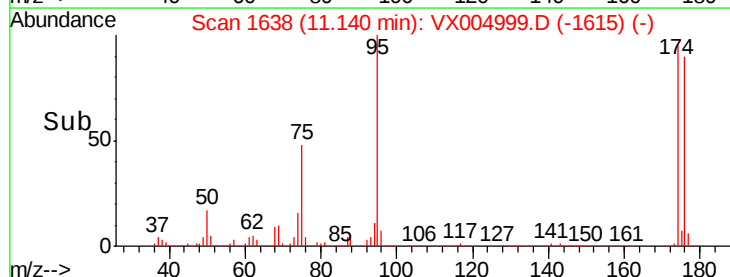
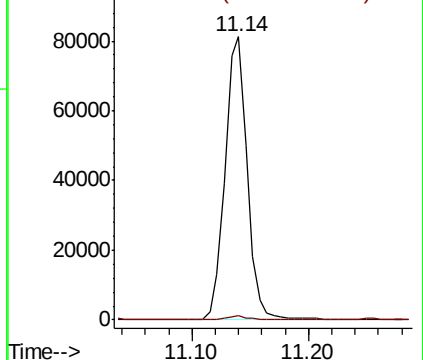
75 100

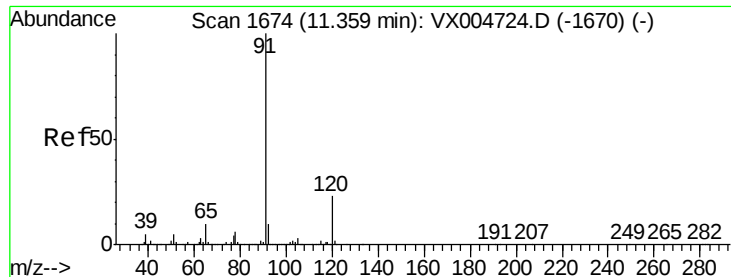
77 1.3 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#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 :

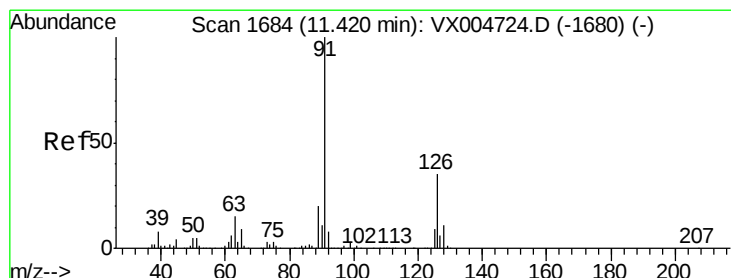
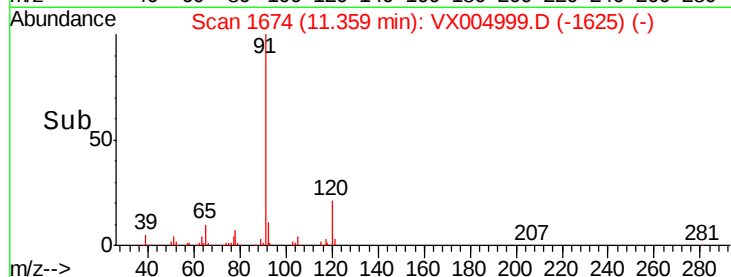
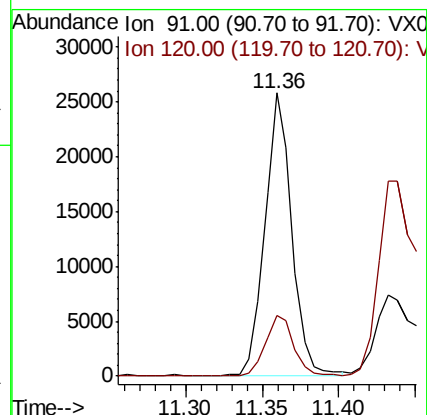
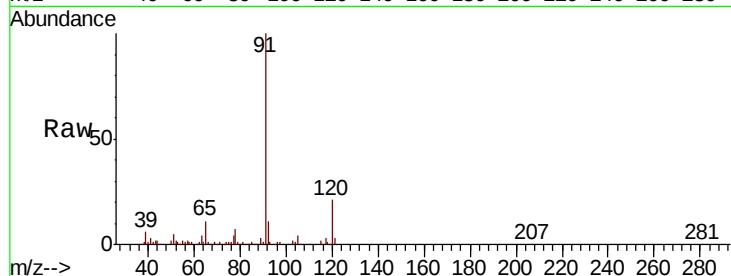
FA18-JEBS-7DL

Tot Ion: 91 Resp: 31481

Ion Ratio Lower Upper

91 100

120 22.7 12.0 36.0



#79

2-Chlorotoluene

Concen: 1.425 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX004999.D

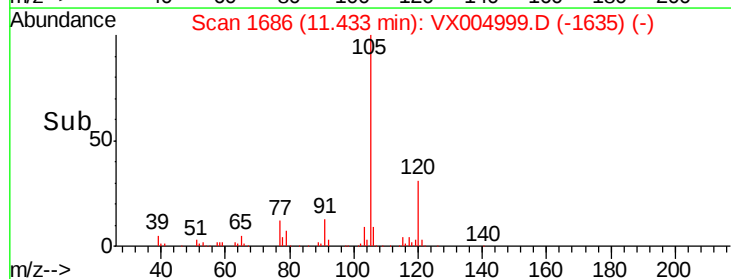
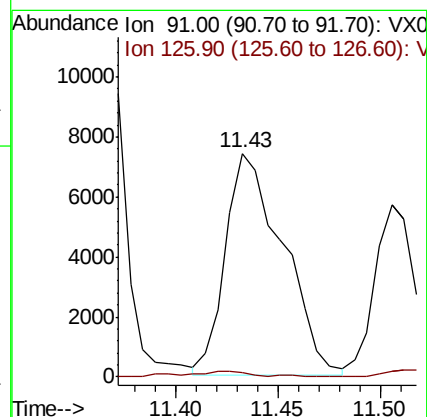
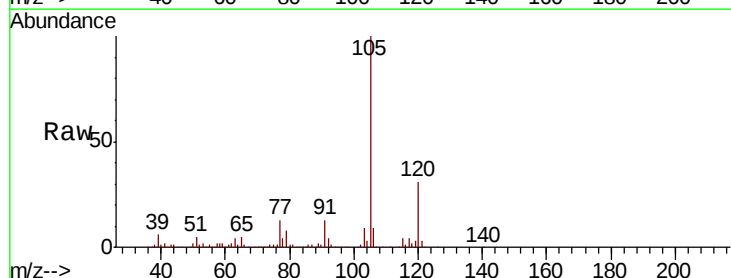
Acq: 04 Oct 2018 05:34

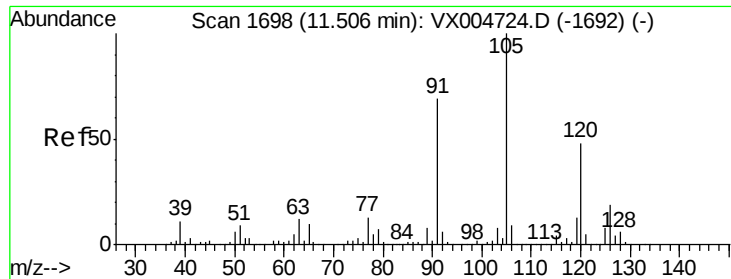
Tgt Ion: 91 Resp: 14465

Ion Ratio Lower Upper

91 100

126 2.7 17.6 52.9#





#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

Instrument :

MSVOA_X

ClientSampleId :

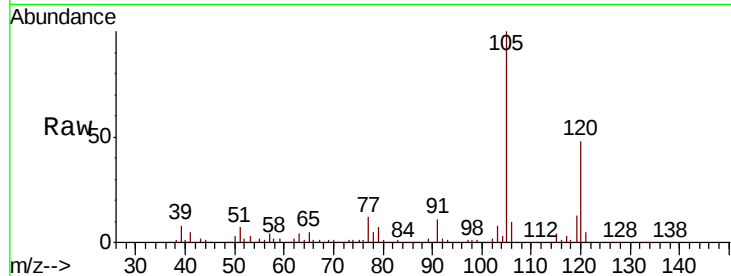
FA18-JEBS-7DL

Tot Ion:105 Resp: 64814

Ion Ratio Lower Upper

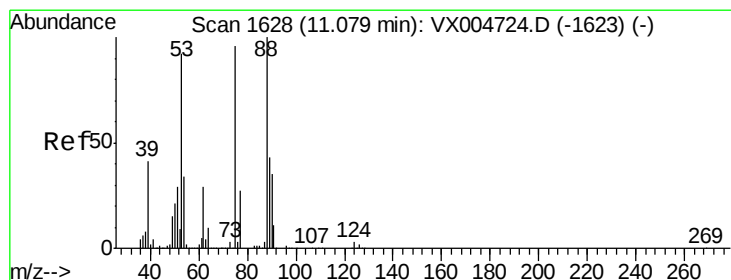
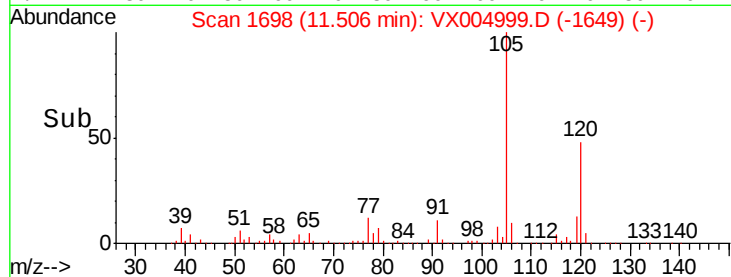
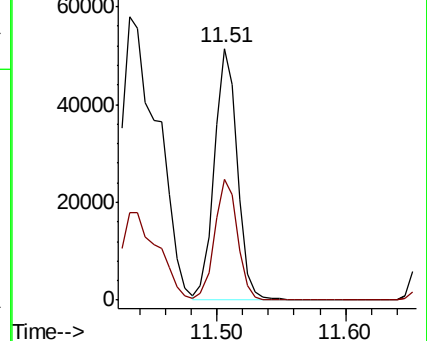
105 100

120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 57.591 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

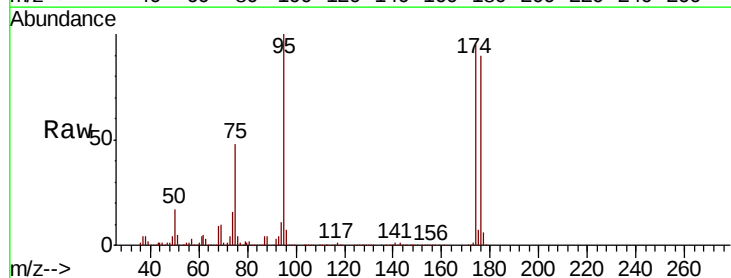
Tgt Ion: 75 Resp: 107144

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.4#

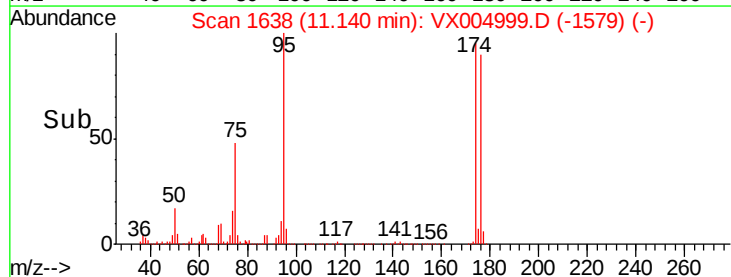
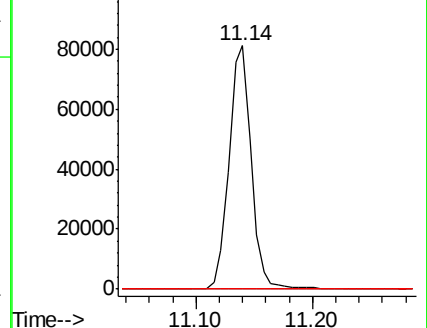
89 0.0 37.1 55.7#

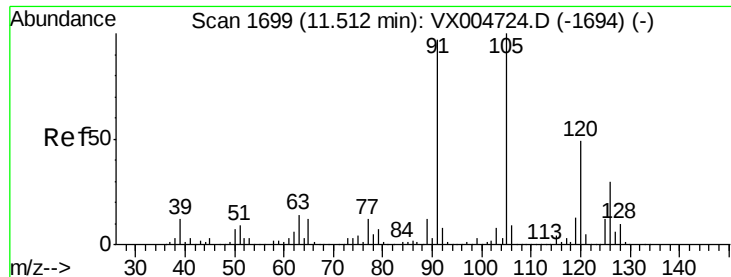


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.645 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

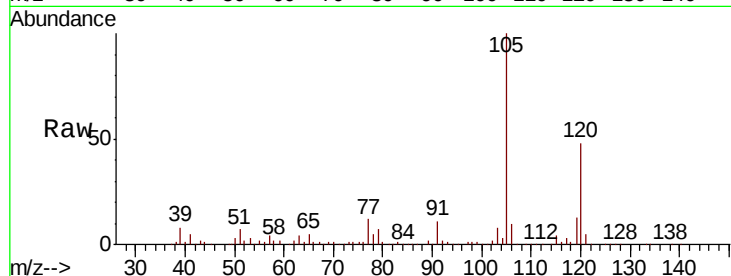
FA18-JEBS-7DL

Tot Ion: 91 Resp: 7704

Ion Ratio Lower Upper

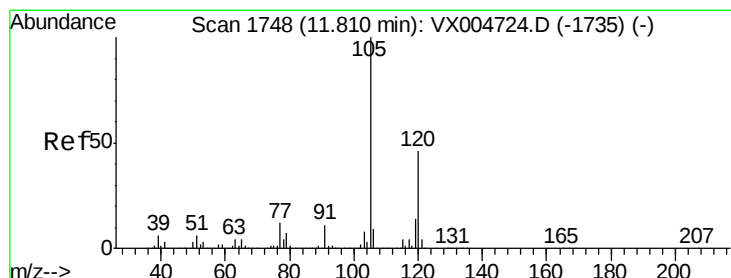
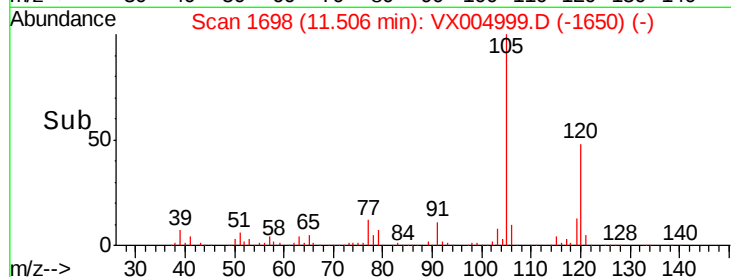
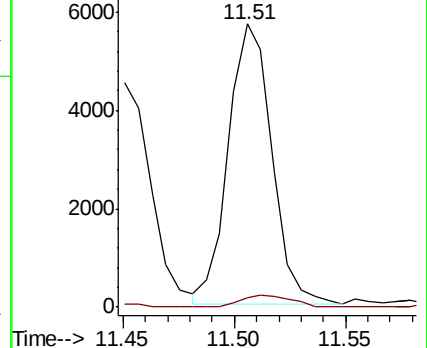
91 100

126 4.9 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#84

1,2,4-Trimethylbenzene

Concen: 9.315 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004999.D

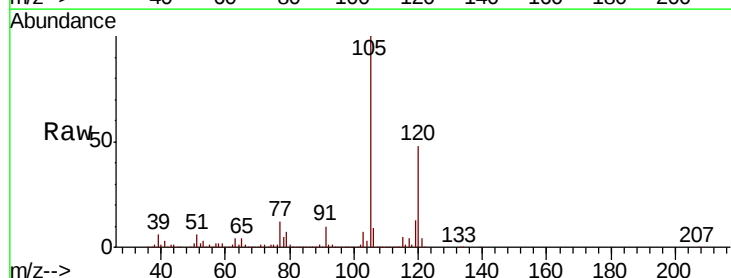
Acq: 04 Oct 2018 05:34

Tgt Ion:105 Resp: 127115

Ion Ratio Lower Upper

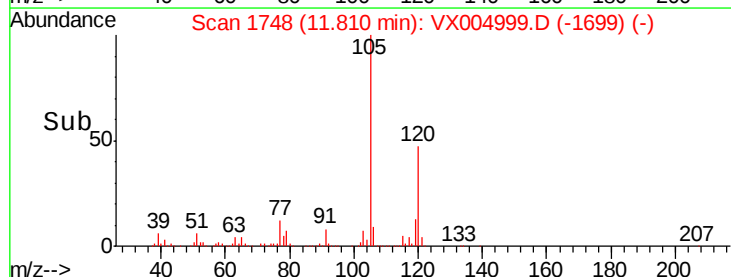
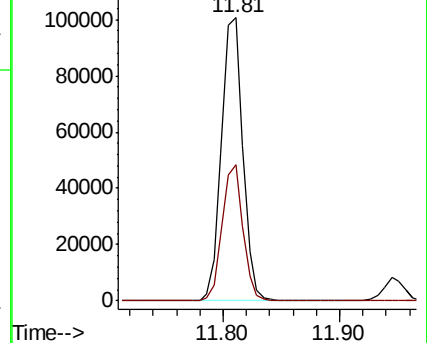
105 100

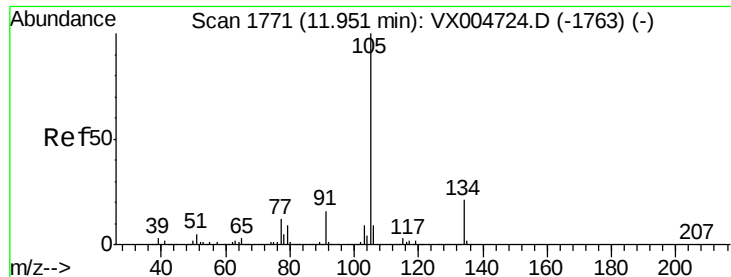
120 46.7 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

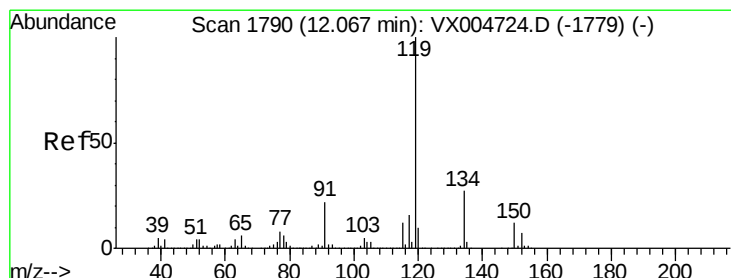
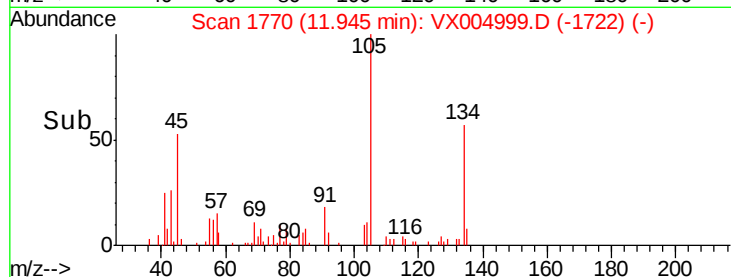
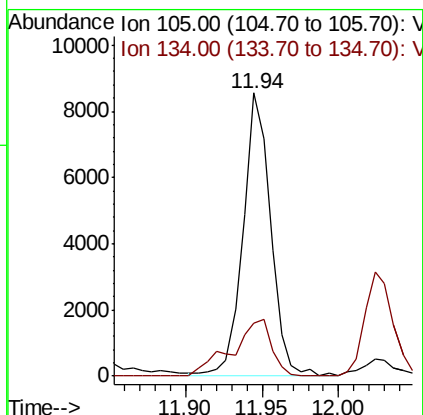
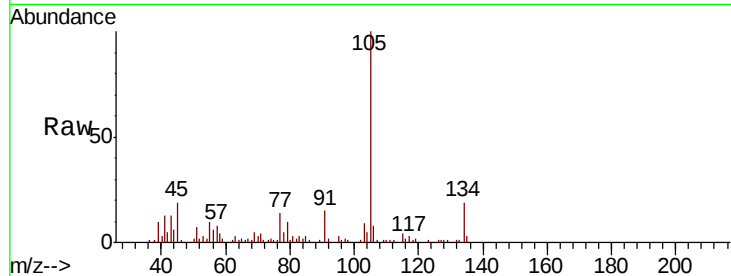




#85
 sec-Butylbenzene
 Concen: 0.753 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004999.D
 Acq: 04 Oct 2018 05:34

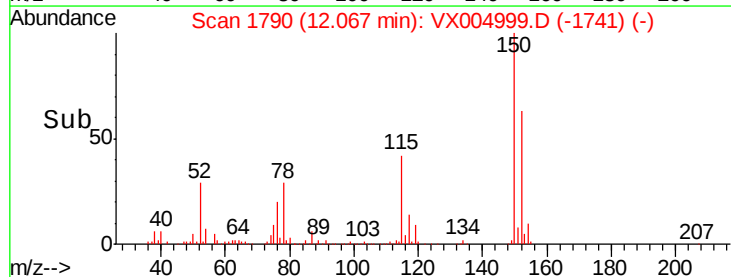
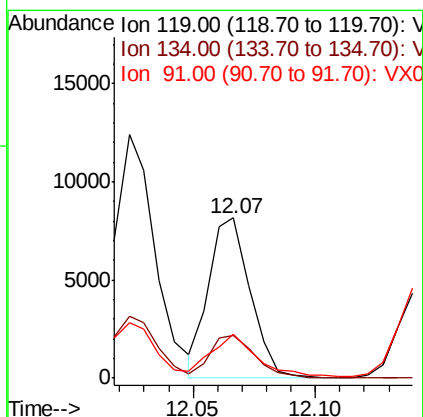
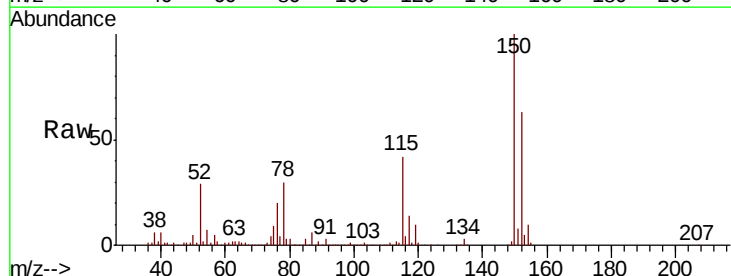
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JEBS-7DL

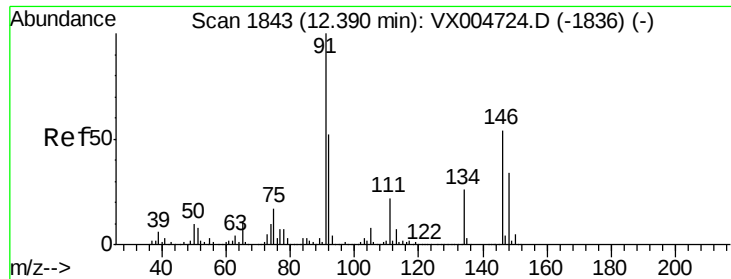
Tot Ion:105 Resp: 10715
 Ion Ratio Lower Upper
 105 100
 134 28.5 10.2 30.4



#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

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

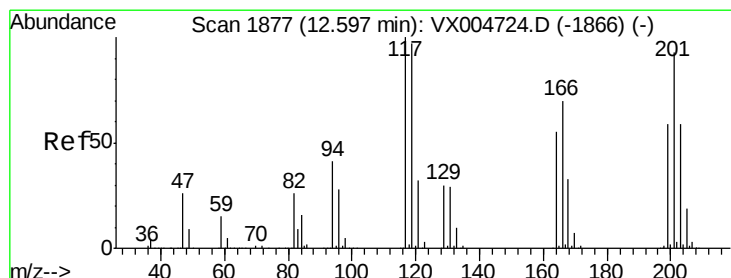
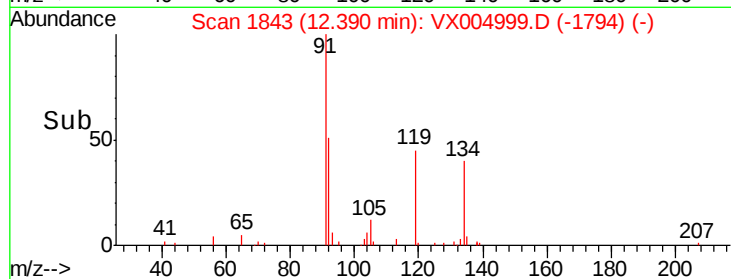
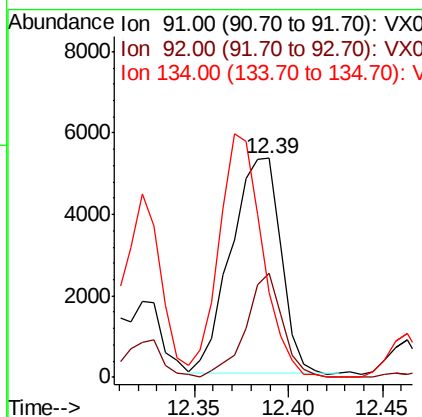
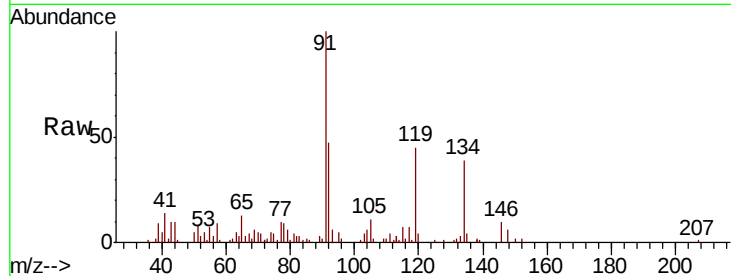




#89
n-Butylbenzene
Concen: 0.831 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

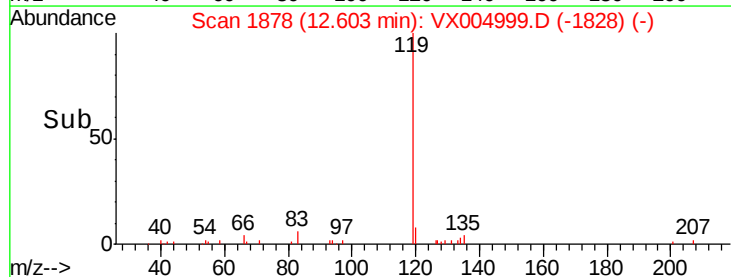
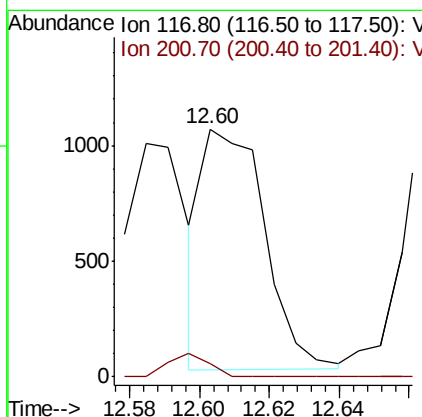
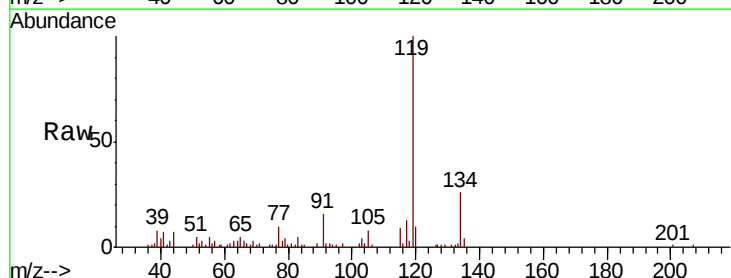
Instrument :
MSVOA_X
ClientSampled :
FA18-JEBS-7DL

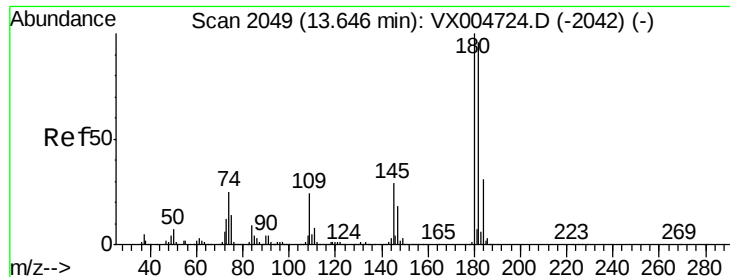
Tot Ion: 91 Resp: 9729
Ion Ratio Lower Upper
91 100
92 35.6 26.0 78.0
134 98.1 13.2 39.6#



#90
Hexachloroethane
Concen: 0.597 ug/l
RT: 12.60 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VX004999.D
Acq: 04 Oct 2018 05:34

Tgt Ion: 117 Resp: 1281
Ion Ratio Lower Upper
117 100
201 6.2 48.4 145.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.222 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX004999.D

Acq: 04 Oct 2018 05:34

Instrument :

MSVOA_X

ClientSampled :

FA18-JEBS-7DL

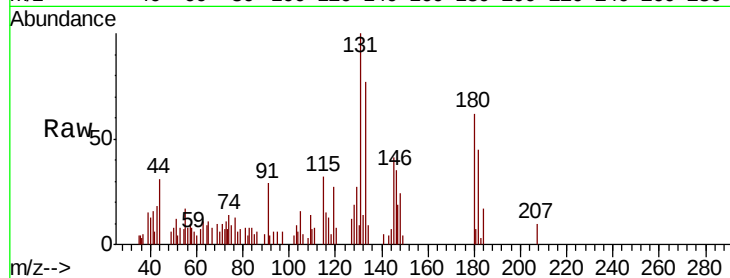
Tot Ion:180 Resp: 1250

Ion Ratio Lower Upper

180 100

182 93.0 47.8 143.4

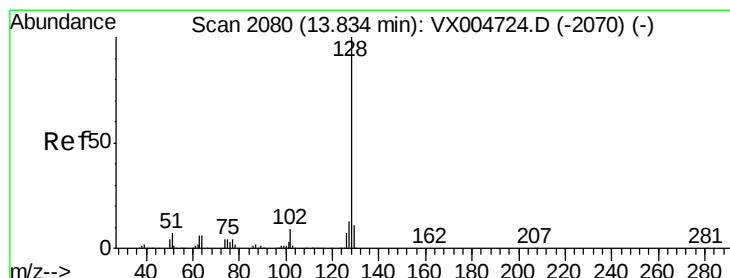
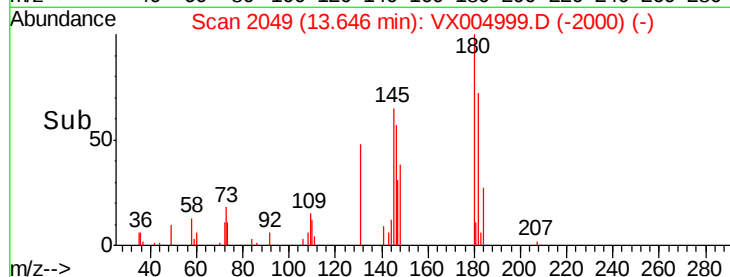
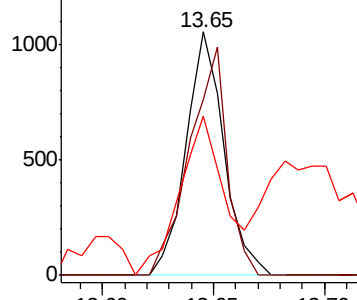
145 77.4 14.1 42.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#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

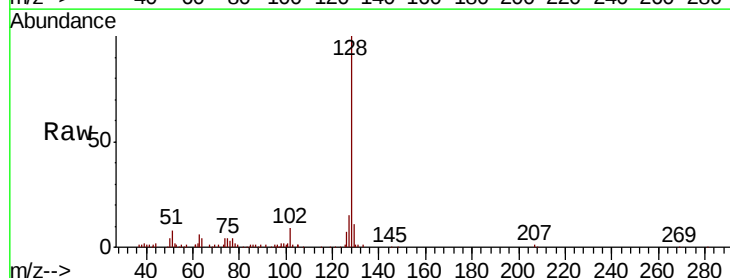
Tgt Ion:128 Resp: 22690

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 12.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

