

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005010.D
 Acq On : 04 Oct 2018 10:28
 Operator : JC/MD
 Sample : PB113446ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 11:37:26 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	264642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	420999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243606	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	196539	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
35) Dibromofluoromethane	5.50	113	172407	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
50) Toluene-d8	8.72	98	615090	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.14	95	231350	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.74	64	186	Below Cal	#	44
11) Tert butyl alcohol	3.02	59	4772	4.514	ug/l #	77
13) Acrolein	2.28	56	220	0.293	ug/l	94
16) Acetone	2.44	43	20592	9.330	ug/l	93
18) Methyl Acetate	2.78	43	12634	2.259	ug/l	100
20) Methylene Chloride	2.86	84	6754	1.287	ug/l	98
25) 2-Butanone	4.71	43	5798	1.782	ug/l	99
29) Tetrahydrofuran	5.17	42	2342	1.158	ug/l #	87
36) 1,1-Dichloropropene	5.67	75	17927	3.610	ug/l #	46
38) Carbon Tetrachloride	5.67	117	22955	4.398	ug/l #	17
43) Isopropyl Acetate	6.46	43	231020	24.284	ug/l	97
48) Methyl methacrylate	7.68	41	8126	1.882	ug/l #	26
49) 1,4-Dioxane	7.89	88	28	0.261	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	3067	0.512	ug/l #	37
52) Toluene	8.79	92	4015	0.470	ug/l	96
54) cis-1,3-Dichloropropene	8.62	75	1295	0.244	ug/l #	60
56) Ethyl methacrylate	9.37	69	117	2.880	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.19	63	21	14.248	ug/l #	49
59) 2-Hexanone	9.54	43	14129	2.831	ug/l #	56
67) Ethyl Benzene	10.26	91	7031	0.410	ug/l	90
68) m/p-Xylenes	10.36	106	12548	1.874	ug/l	90
69) o-Xylene	10.70	106	5709	0.928	ug/l	100
70) Styrene	10.69	104	563	2.187	ug/l #	1
74) N-ethyl acetate	10.91	43	147	1.765	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	111428	20.408	ug/l #	35
78) n-propylbenzene	11.36	91	5319	0.302	ug/l	98
79) 2-Chlorotoluene	11.43	91	3193	0.291	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	11782	0.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	111428	55.435	ug/l #	10
83) tert-Butylbenzene	11.80	119	4248	0.336	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.81	105	31942	2.011	ug/l	99
85) sec-Butylbenzene	11.81	105	31942	2.074	ug/l #	57
89) n-Butylbenzene	12.38	91	14111	1.114	ug/l #	3
90) Hexachloroethane	12.58	117	5157	2.220	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

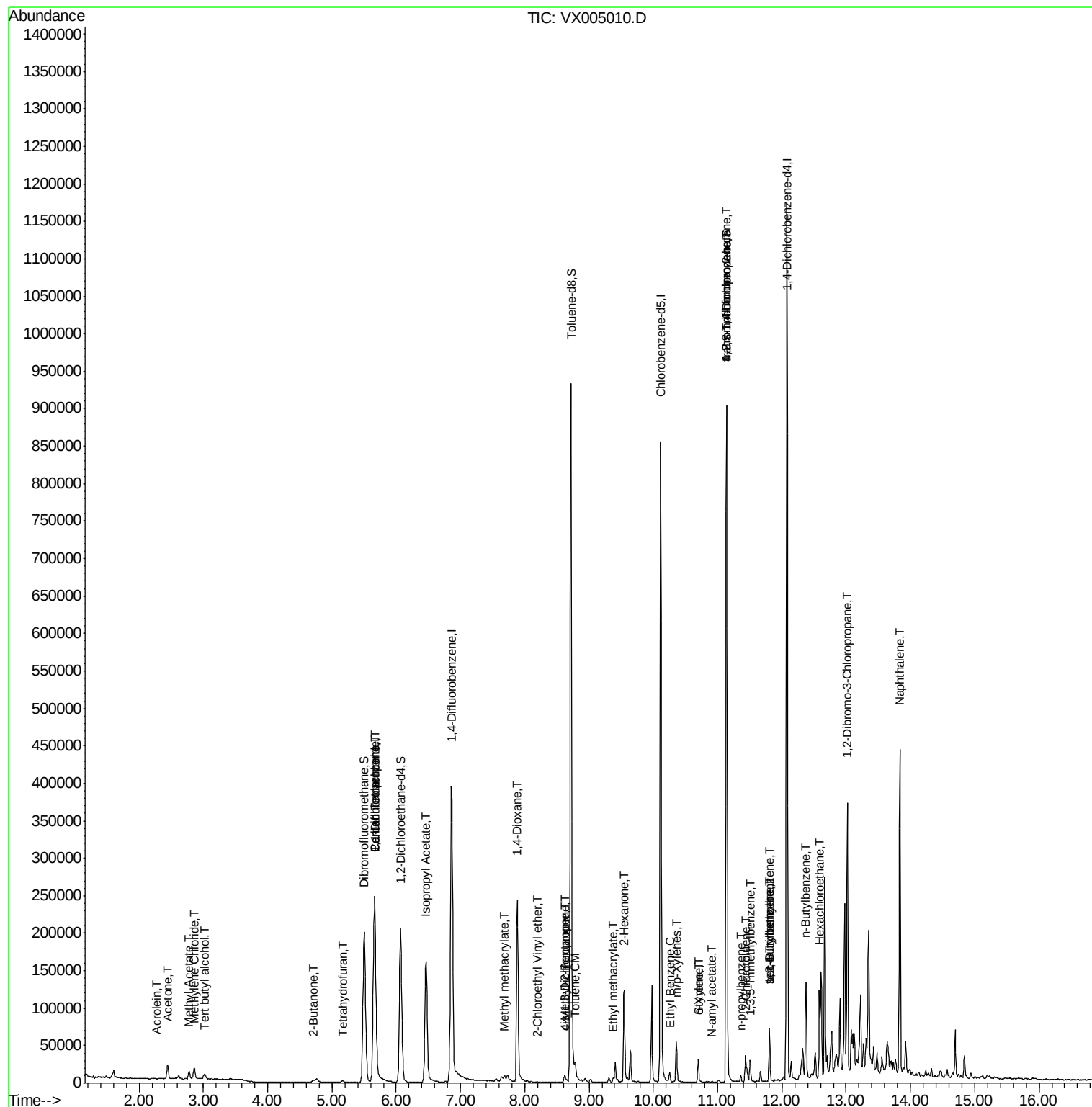
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1103	0.804	ug/l #	6
95) Naphthalene	13.83	128	261827	13.455	ug/l	100

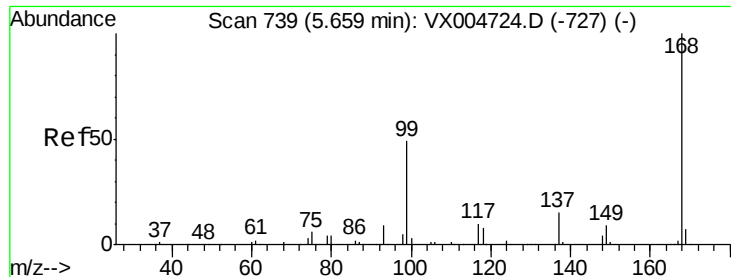
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

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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: VX005010.D

Acq: 04 Oct 2018 10:28

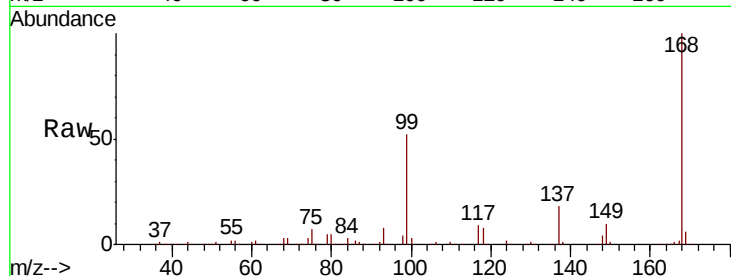
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 264642

Ion Ratio Lower Upper

168 100

99 52.0 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

80000

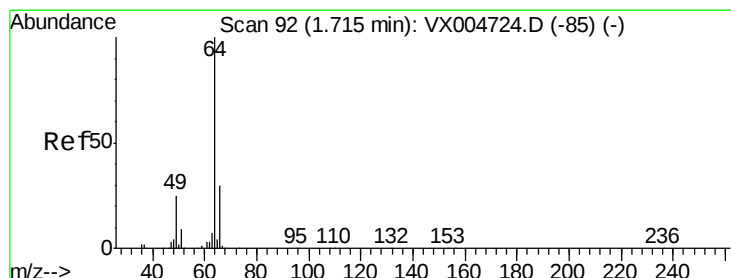
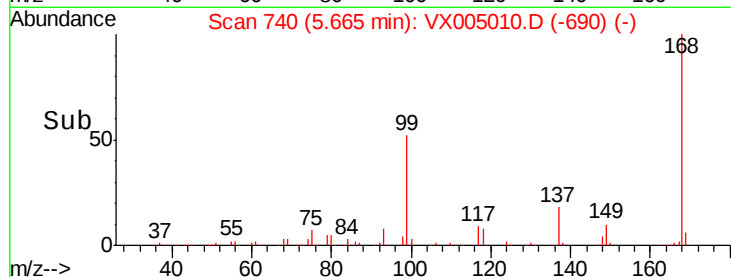
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX005010.D

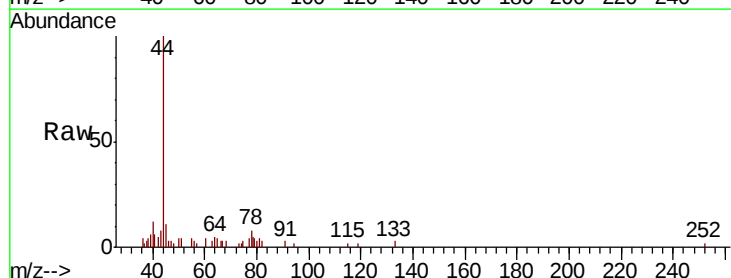
Acq: 04 Oct 2018 10:28

Tgt Ion: 64 Resp: 186

Ion Ratio Lower Upper

64 100

66 60.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

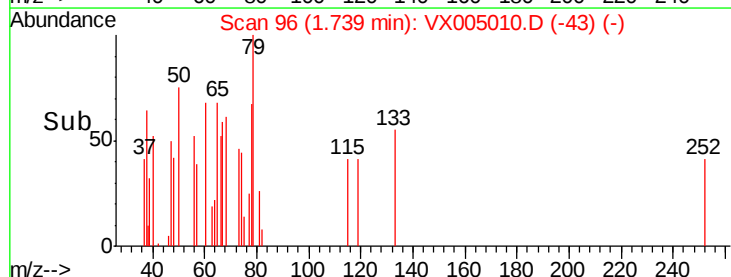
1.74

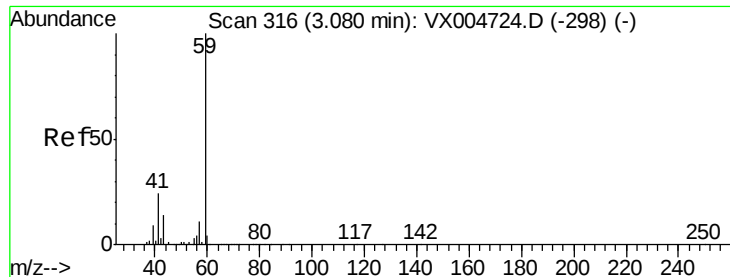
100

50

0

Time--> 1.70 1.72 1.74 1.76

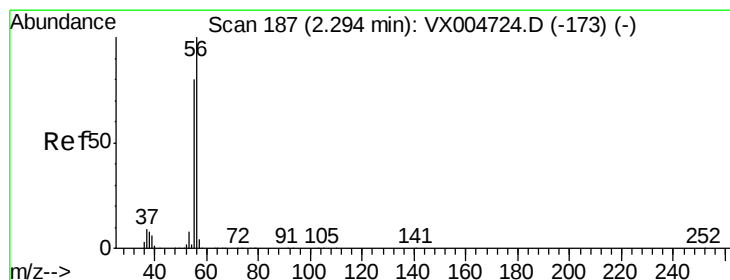
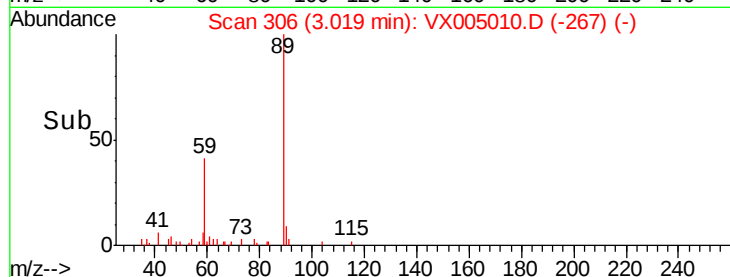
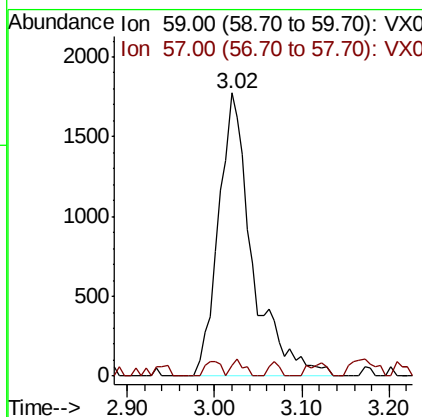
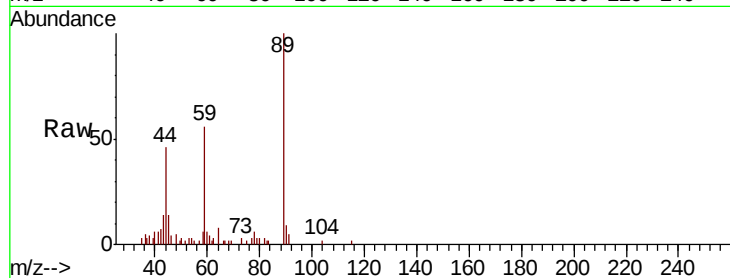




#11
Tert butyl alcohol
Concen: 4.514 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

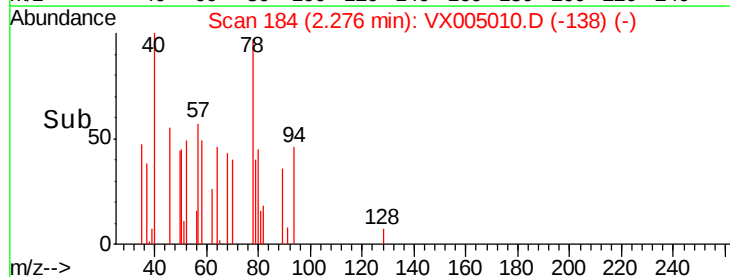
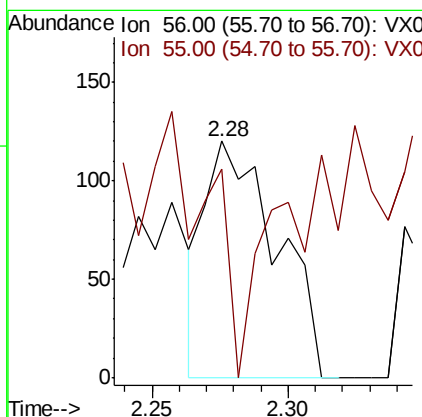
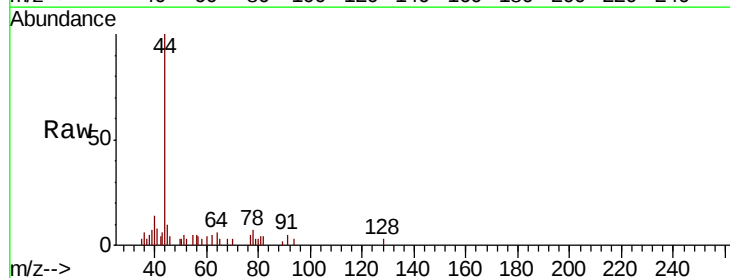
Instrument :
MSVOA_X
ClientSampled :

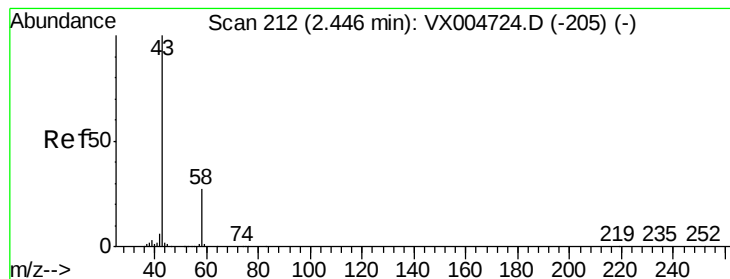
Tot Ion: 59 Resp: 4772
Ion Ratio Lower Upper
59 100
57 2.2 8.6 12.8#



#13
Acrolein
Concen: 0.293 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Tgt Ion: 56 Resp: 220
Ion Ratio Lower Upper
56 100
55 84.5 63.4 95.2





#16

Acetone

Concen: 9.330 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

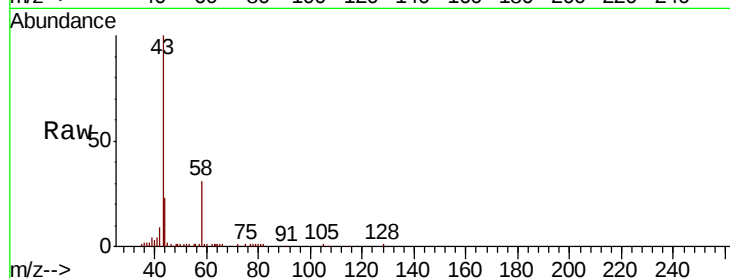
ClientSampleId :

Tot Ion: 43 Resp: 20592

Ion Ratio Lower Upper

43 100

58 31.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

6000

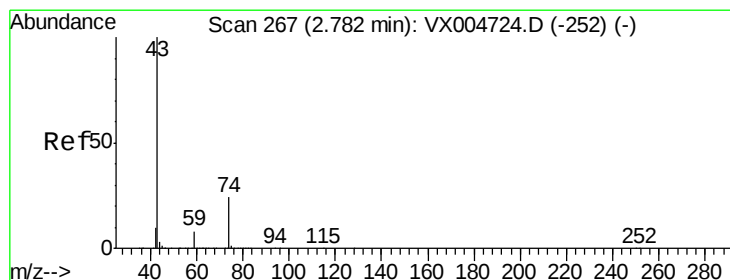
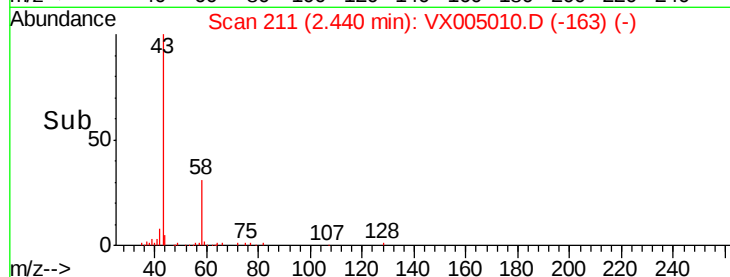
4000

2000

0

2.40 2.45 2.50

Time-->



#18

Methyl Acetate

Concen: 2.259 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005010.D

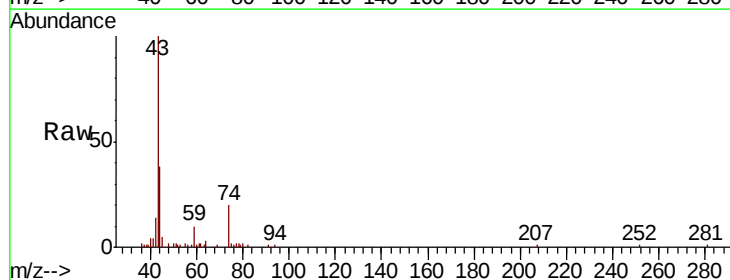
Acq: 04 Oct 2018 10:28

Tgt Ion: 43 Resp: 12634

Ion Ratio Lower Upper

43 100

74 22.1 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

8000

6000

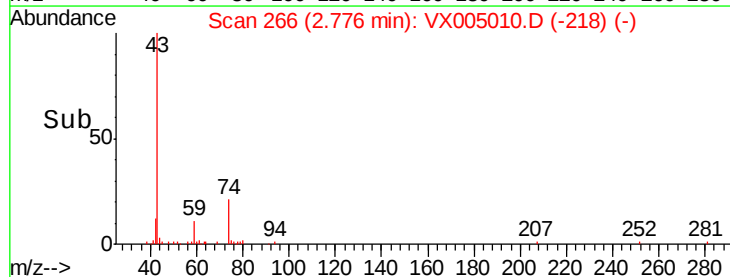
4000

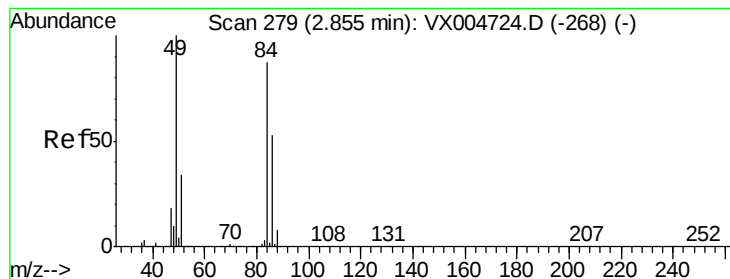
2000

0

2.70 2.80 2.90

Time-->





#20

Methylene Chloride

Concen: 1.287 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 6754

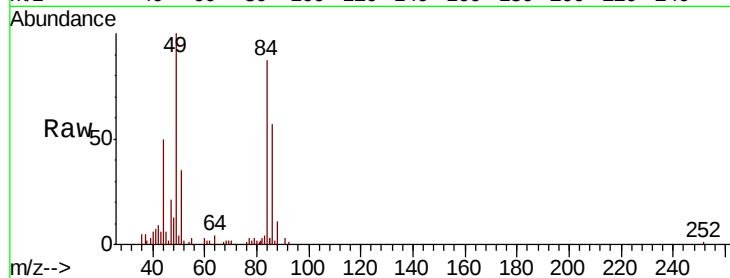
Ion Ratio Lower Upper

84 100

49 114.8 92.3 138.5

51 39.1 31.8 47.6

86 65.2 48.5 72.7

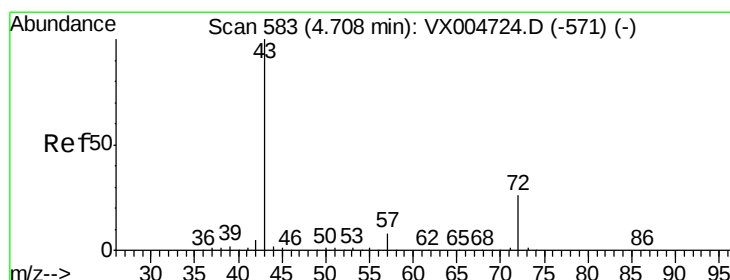
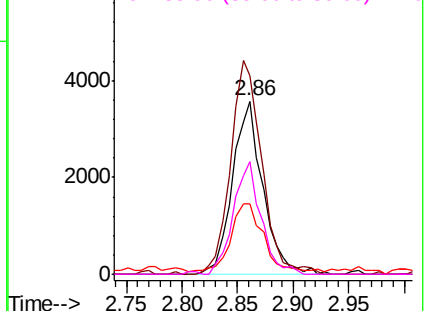
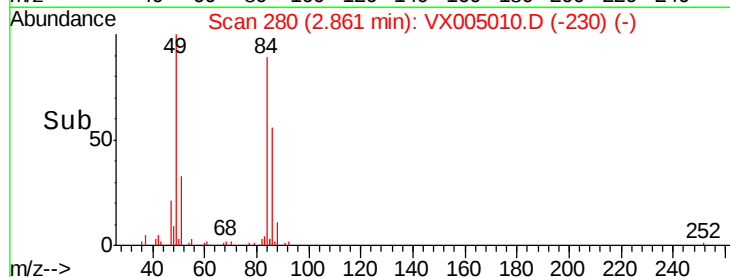


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 1.782 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005010.D

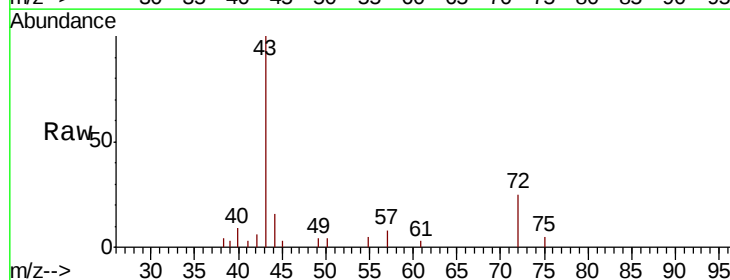
Acq: 04 Oct 2018 10:28

Tgt Ion: 43 Resp: 5798

Ion Ratio Lower Upper

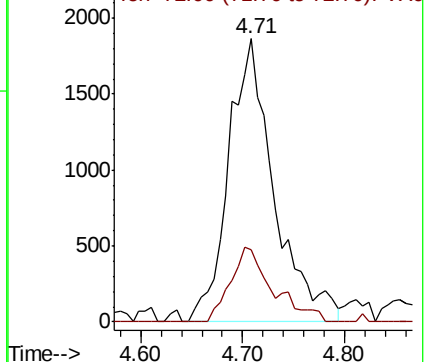
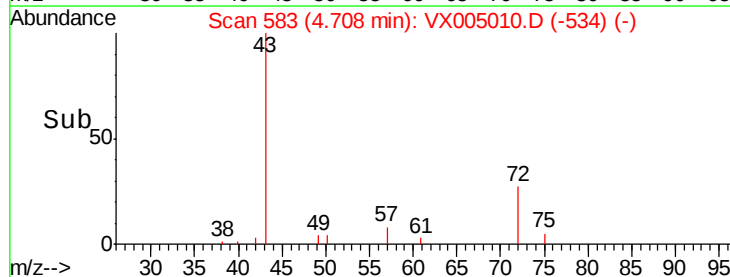
43 100

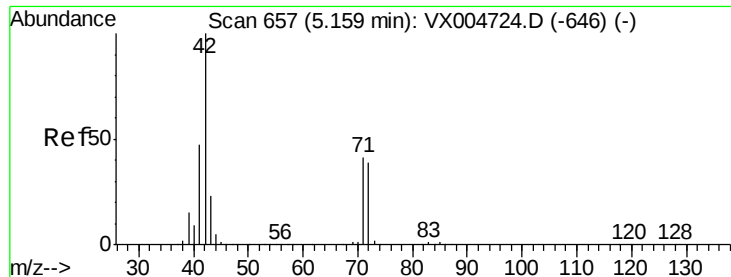
72 25.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

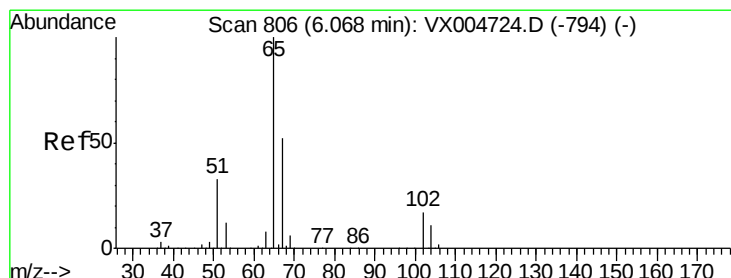
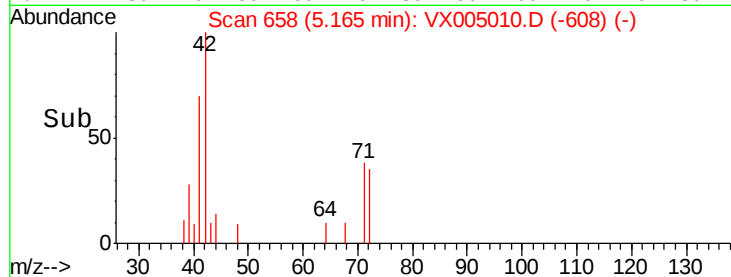
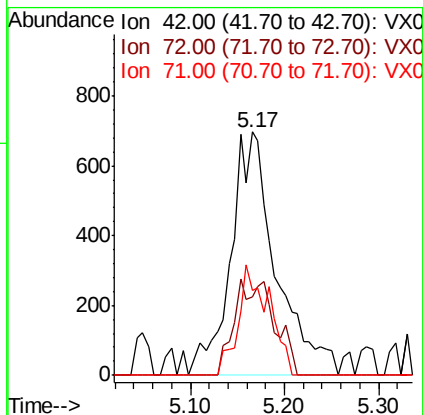
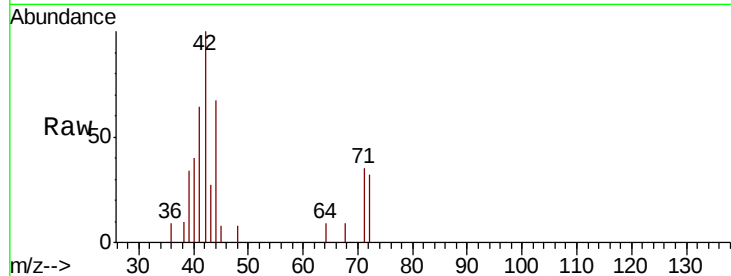




#29
Tetrahydrofuran
Concen: 1.158 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

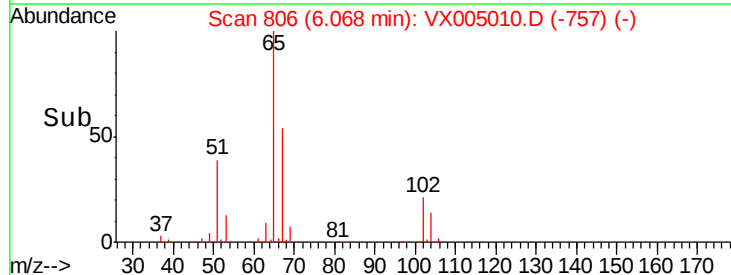
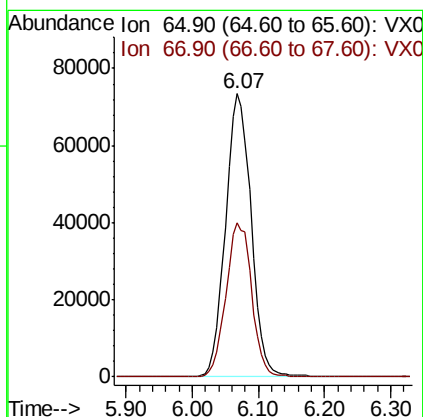
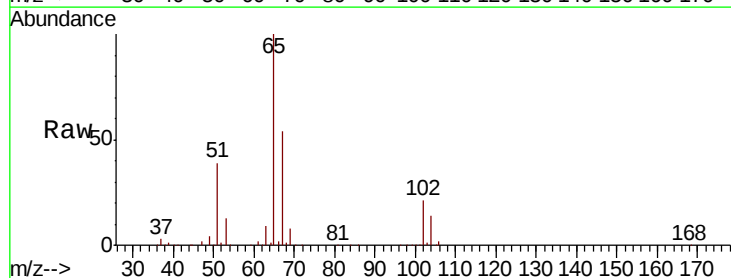
Instrument :
MSVOA_X
ClientSampleId :

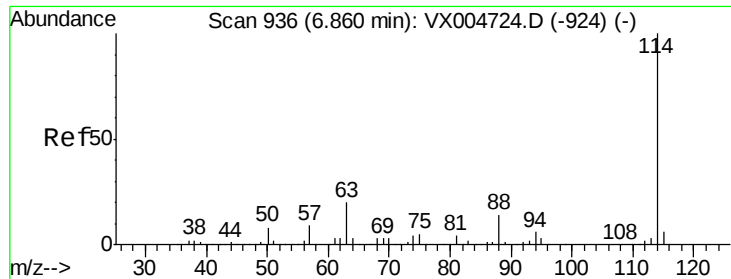
Tot Ion: 42 Resp: 2342
Ion Ratio Lower Upper
42 100
72 34.6 33.7 50.5
71 31.3 32.2 48.4#



#33
1,2-Dichloroethane-d4
Concen: 51.989 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Tgt Ion: 65 Resp: 196539
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.4

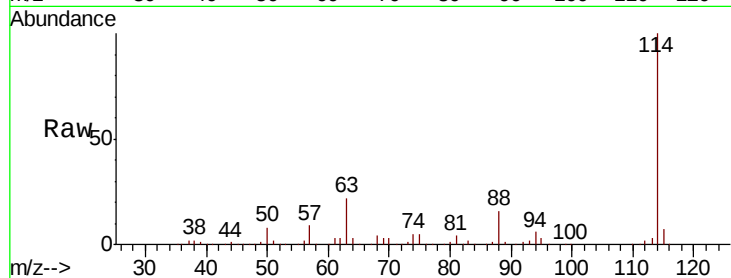




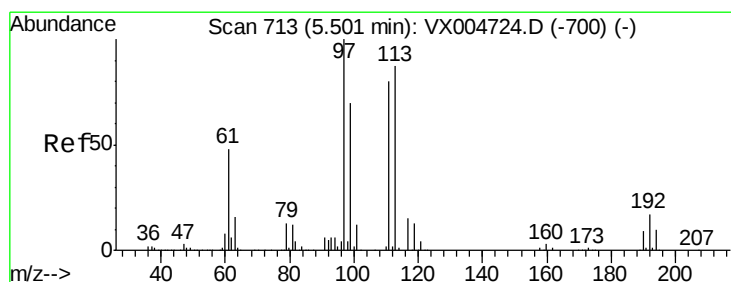
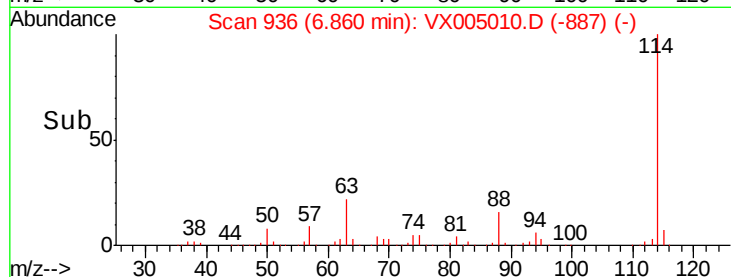
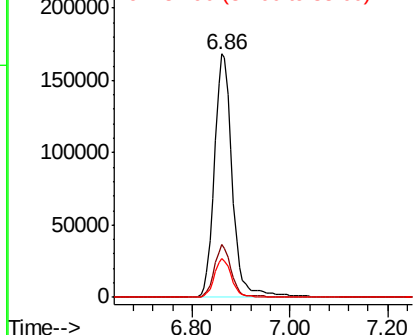
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 429409
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 39.8
 88 16.0 0.0 27.0

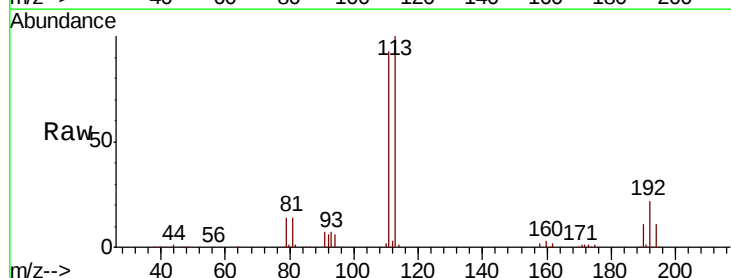


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

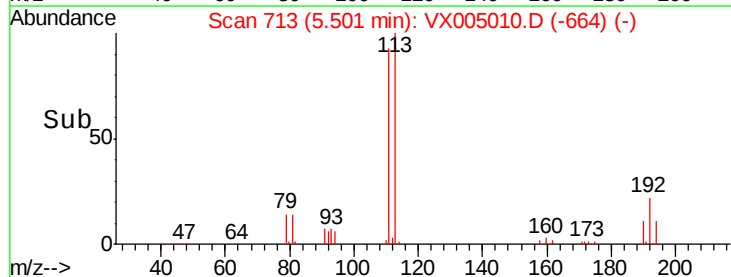
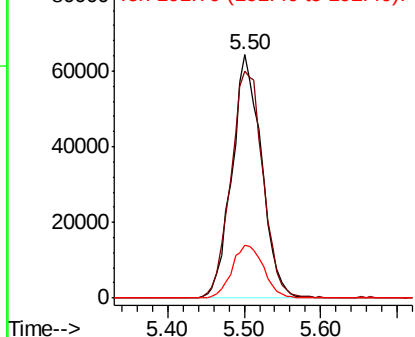


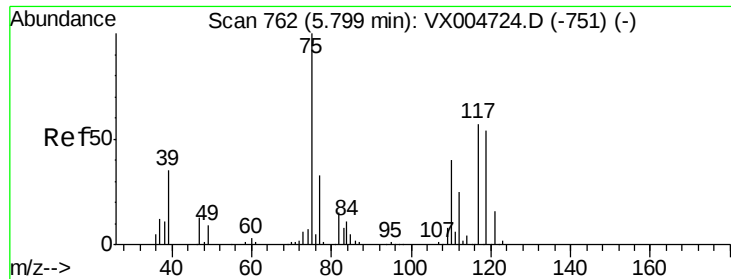
#35
 Dibromofluoromethane
 Concen: 47.374 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

Tgt Ion:113 Resp: 172407
 Ion Ratio Lower Upper
 113 100
 111 101.6 77.0 115.4
 192 23.3 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

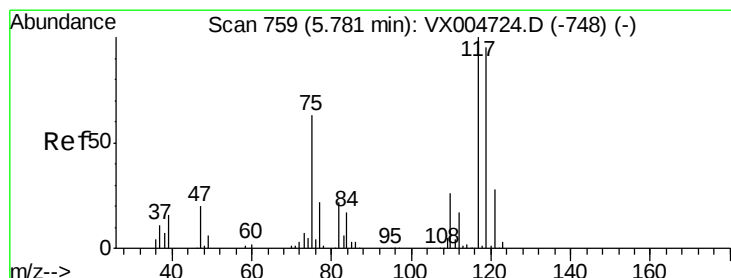
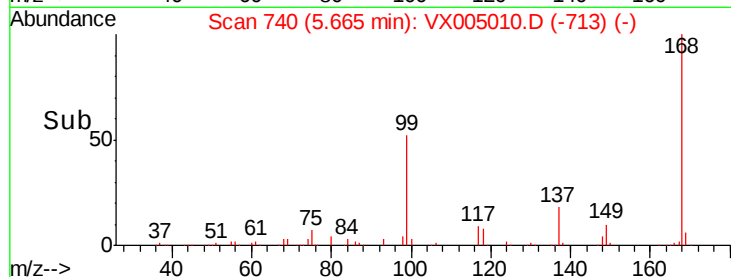
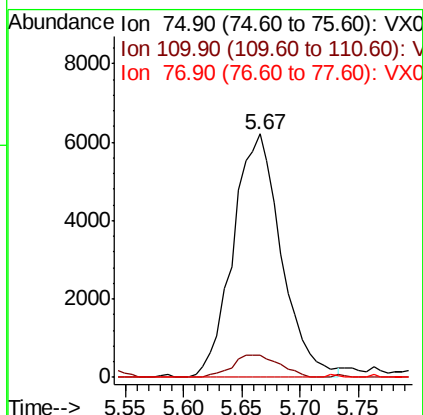
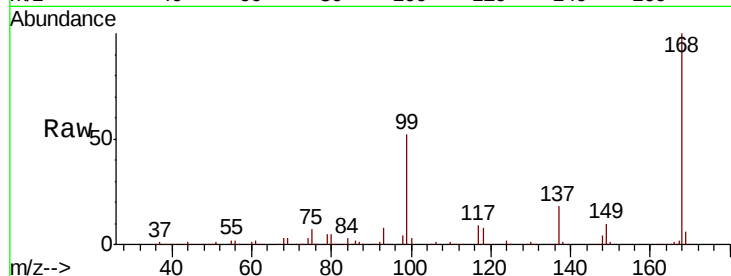




#36
 1,1-Dichloropropene
 Concen: 3.610 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

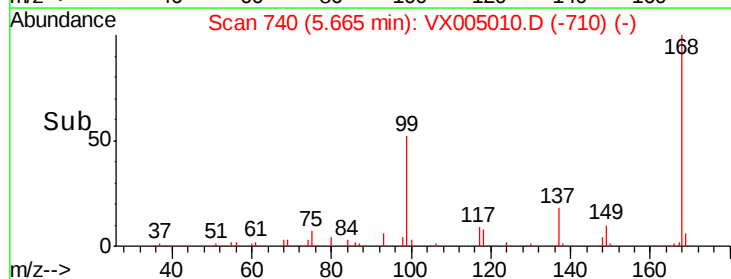
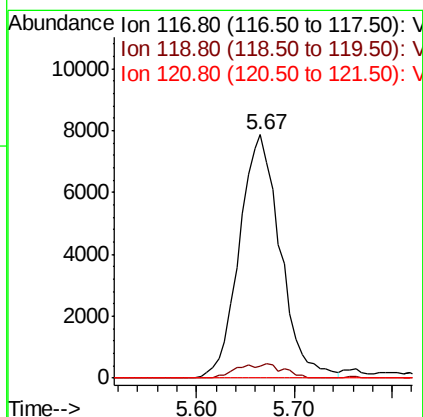
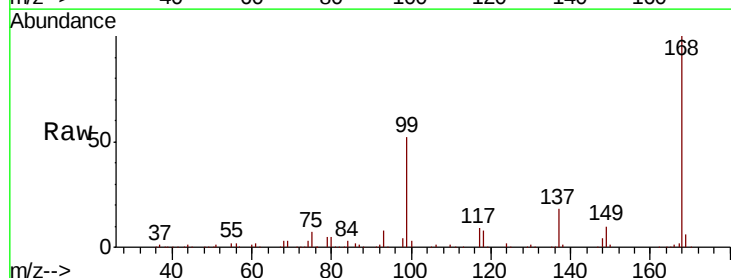
Instrument :
 MSVOA_X
 ClientSampleId :

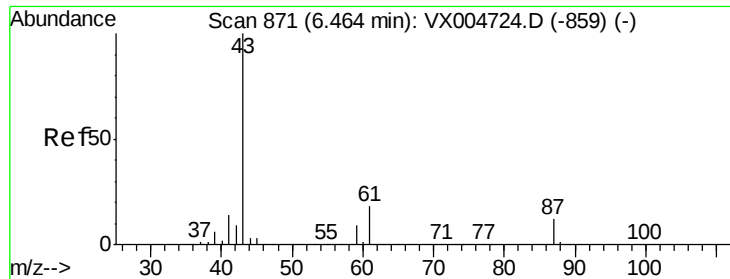
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	20.0	59.9#
77	0.0	27.1	40.7#



#38
 Carbon Tetrachloride
 Concen: 4.398 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.2	112.8#
121	0.0	22.5	33.7#





#43

Isopropyl Acetate

Concen: 24.284 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampled :

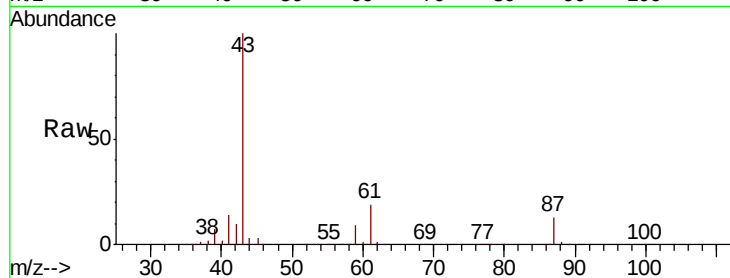
Tot Ion: 43 Resp: 231020

Ion Ratio Lower Upper

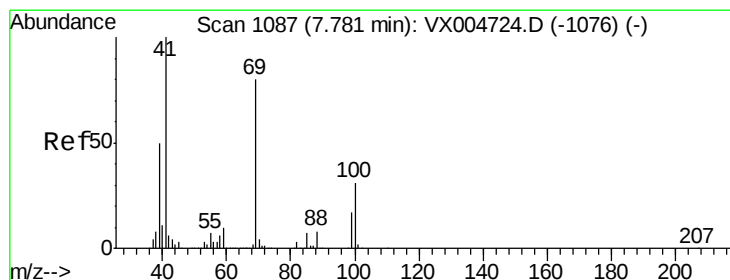
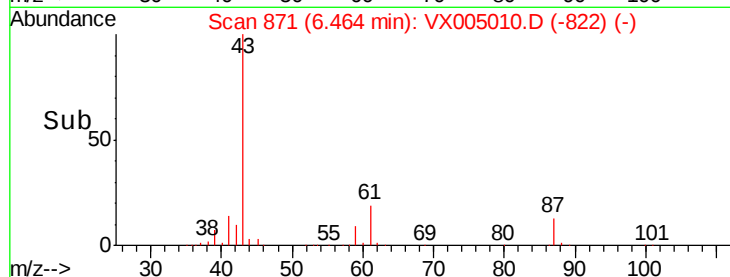
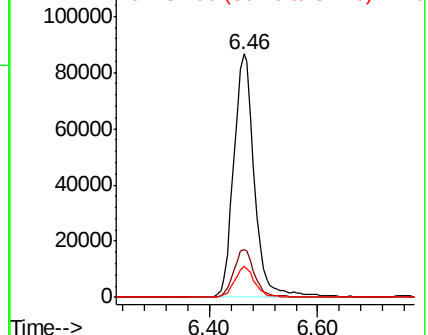
43 100

61 19.2 14.2 21.4

87 12.2 9.3 13.9



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



#48

Methyl methacrylate

Concen: 1.882 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.10 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

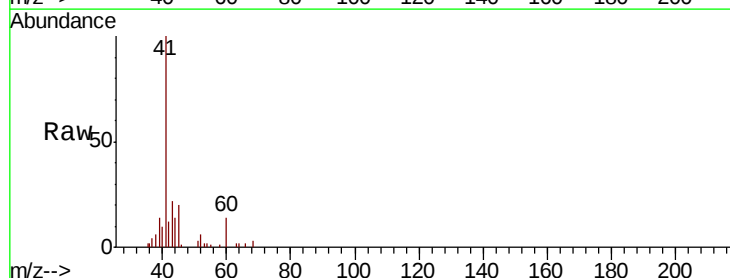
Tgt Ion: 41 Resp: 8126

Ion Ratio Lower Upper

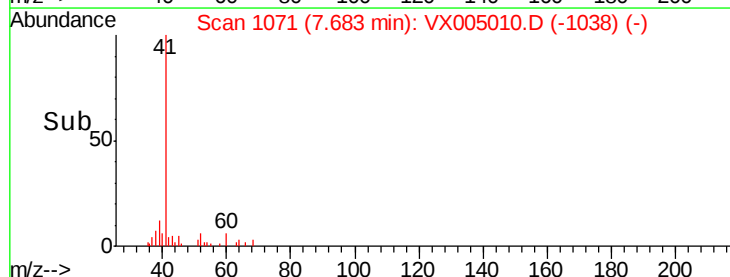
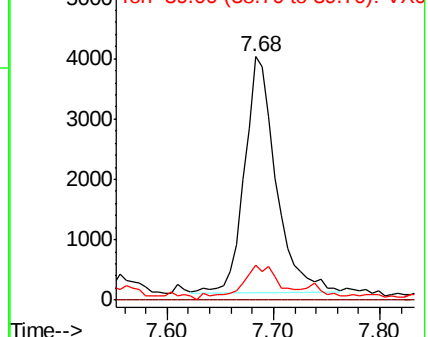
41 100

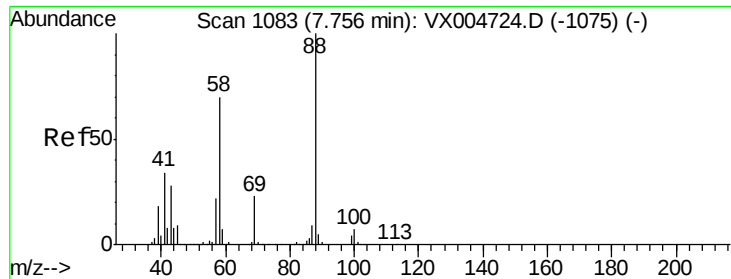
69 0.0 63.8 95.6#

39 17.7 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





#49

1,4-Dioxane

Concen: 0.261 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.13 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

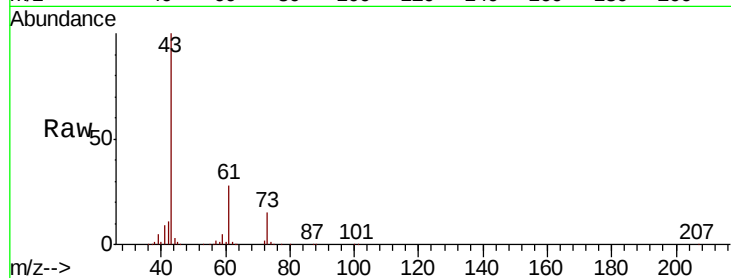
Tot Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

43 826614.3 25.1 37.7#

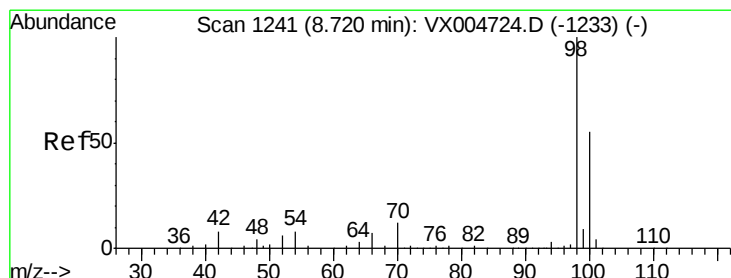
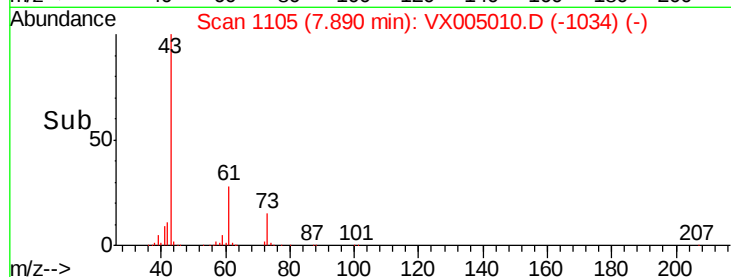
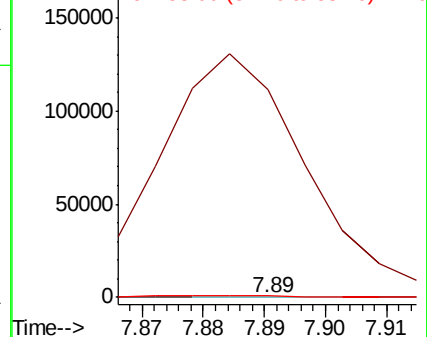
58 5700.0 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.839 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005010.D

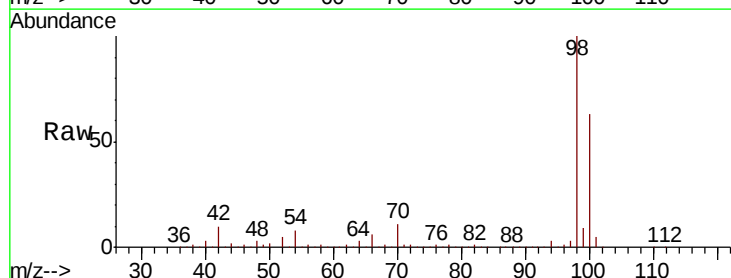
Acq: 04 Oct 2018 10:28

Tgt Ion: 98 Resp: 615090

Ion Ratio Lower Upper

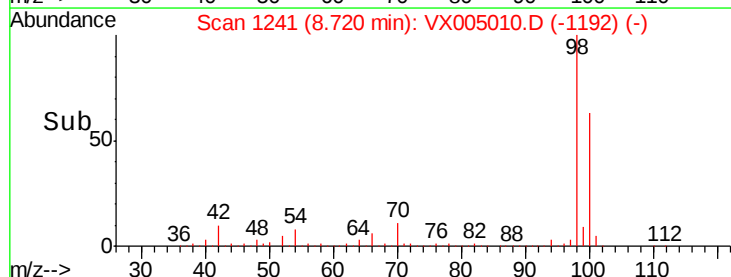
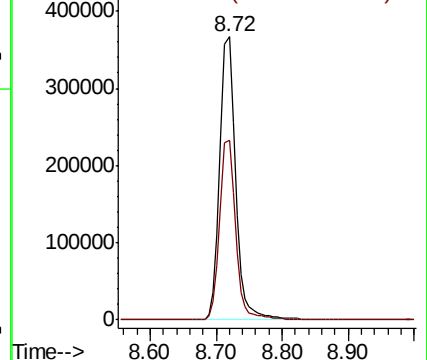
98 100

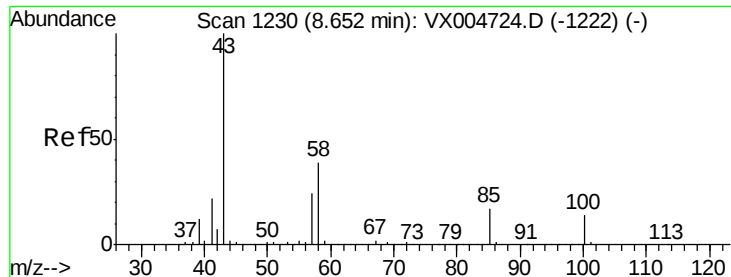
100 63.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

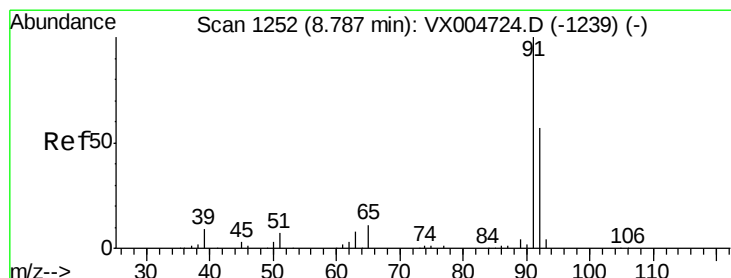
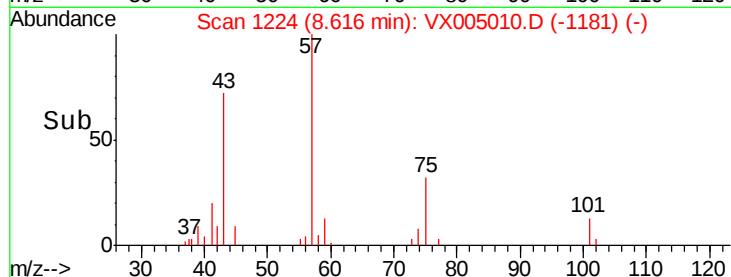
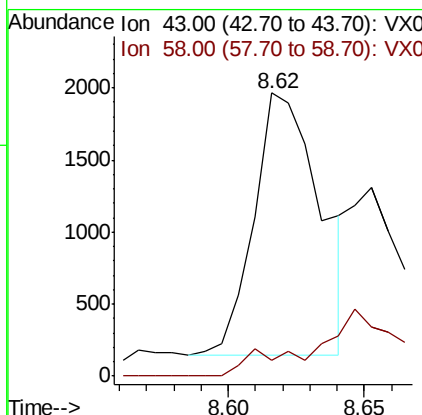
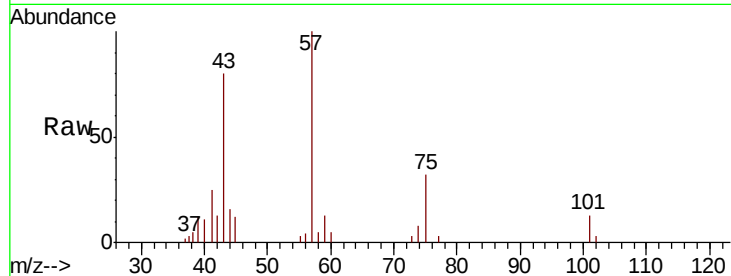




#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.04 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

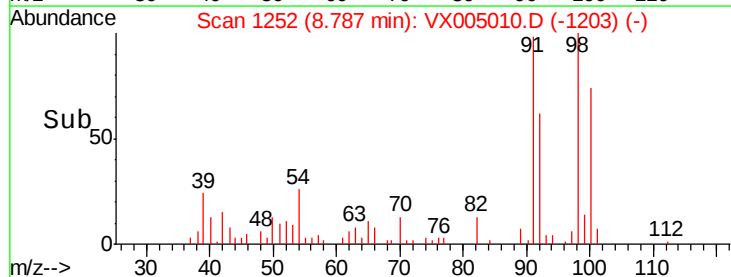
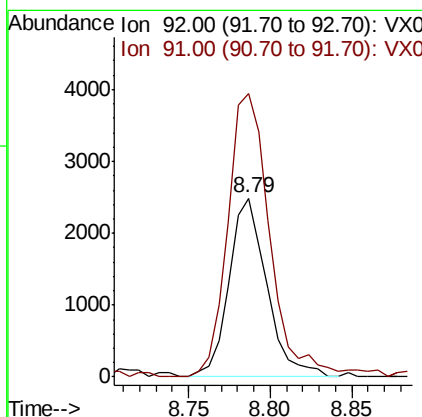
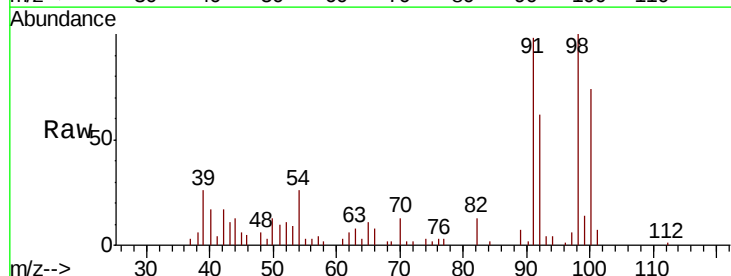
Instrument :
MSVOA_X
ClientSampled :

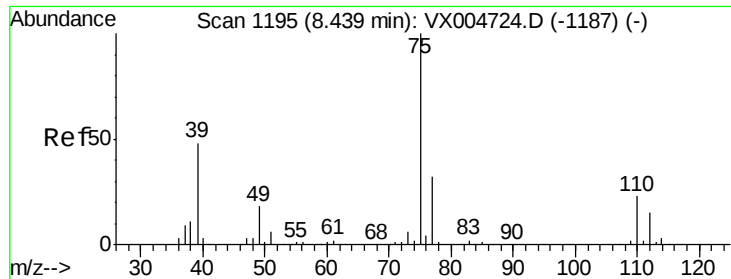
Tot Ion: 43 Resp: 3067
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#



#52
Toluene
Concen: 0.470 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Tgt Ion: 92 Resp: 4015
Ion Ratio Lower Upper
92 100
91 176.3 136.7 205.1

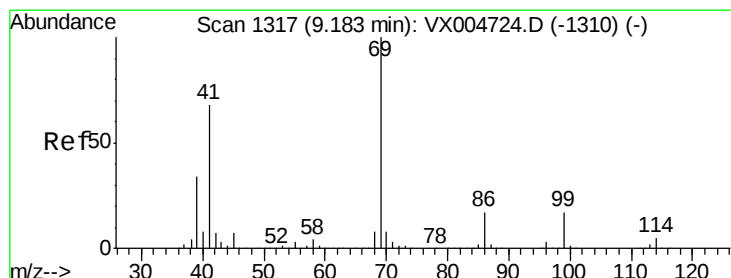
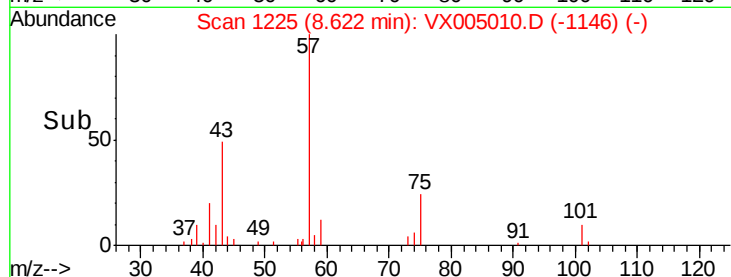
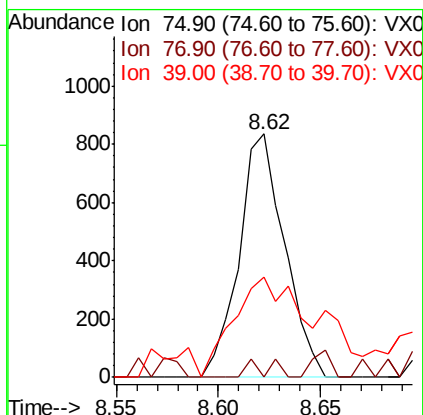
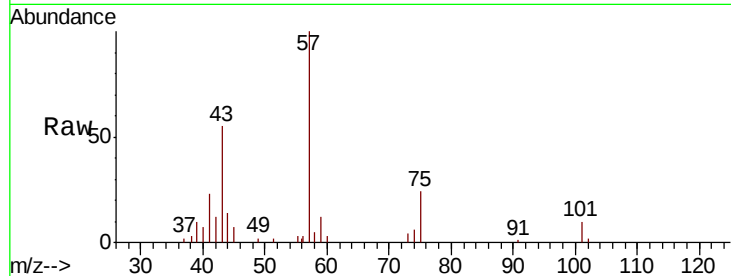




#54
 cis-1,3-Dichloropropene
 Concen: 0.244 ug/l
 RT: 8.62 min Scan# 1225
 Delta R.T. 0.18 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

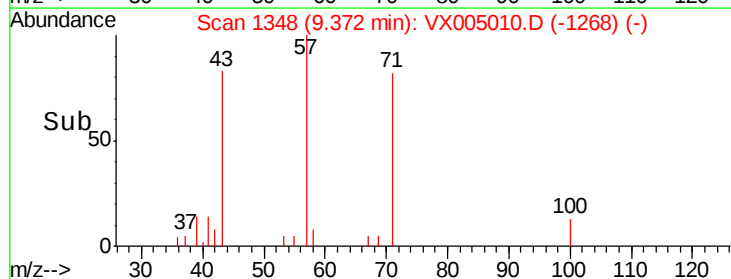
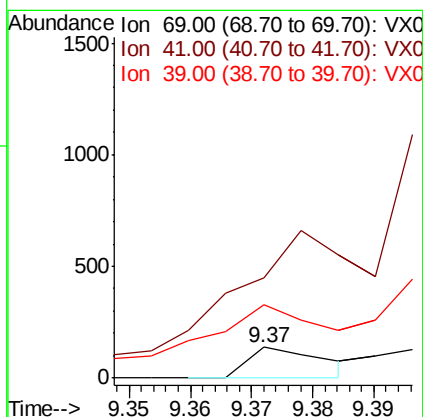
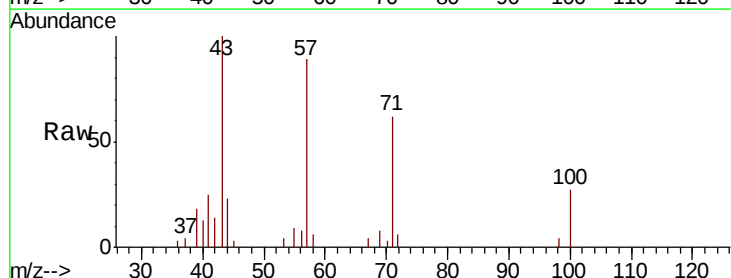
Instrument :
 MSVOA_X
 ClientSampled :

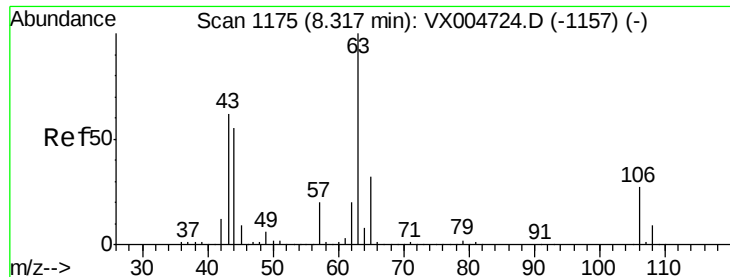
Tot Ion: 75 Resp: 1295
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 28.9 38.3 57.5#



#56
 Ethyl methacrylate
 Concen: 2.880 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.19 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

Tgt Ion: 69 Resp: 117
 Ion Ratio Lower Upper
 69 100
 41 0.0 56.9 85.3#
 39 233.3 28.4 42.6#

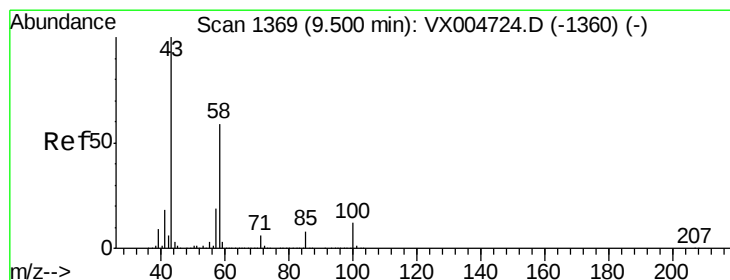
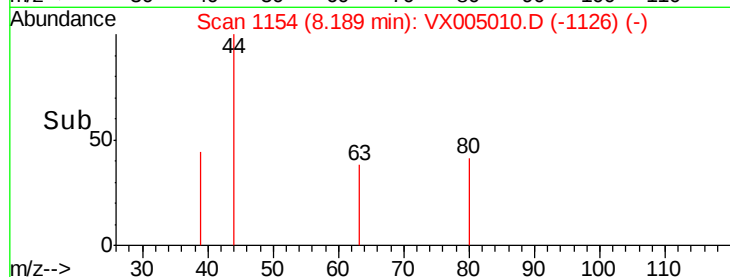
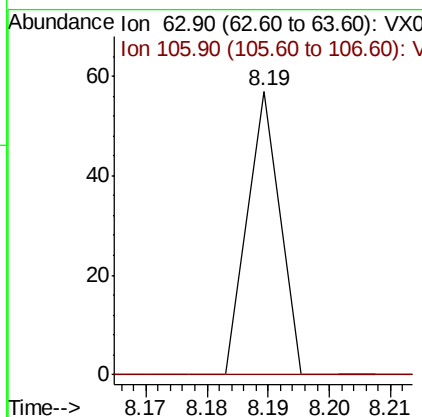
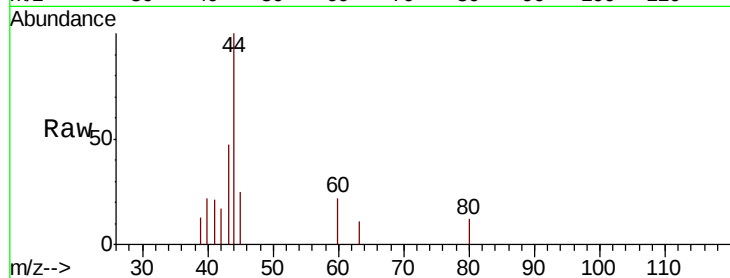




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.248 ug/l
 RT: 8.19 min Scan# 1154
 Delta R.T. -0.13 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

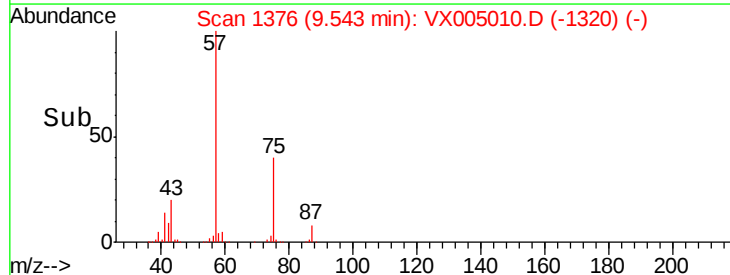
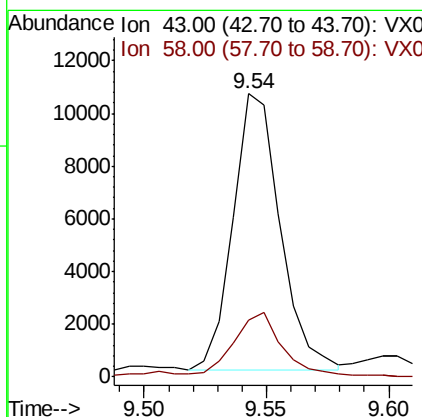
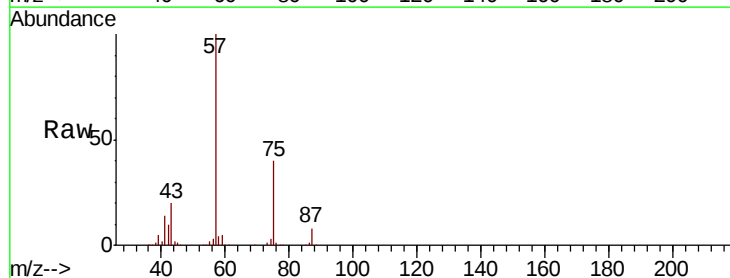
Instrument :
 MSVOA_X
 ClientSampleId :

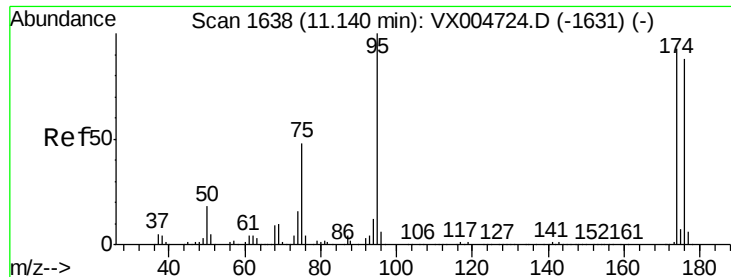
Tot Ion: 63 Resp: 21
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



#59
 2-Hexanone
 Concen: 2.831 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.04 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

Tgt Ion: 43 Resp: 14129
 Ion Ratio Lower Upper
 43 100
 58 24.9 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 53.078 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

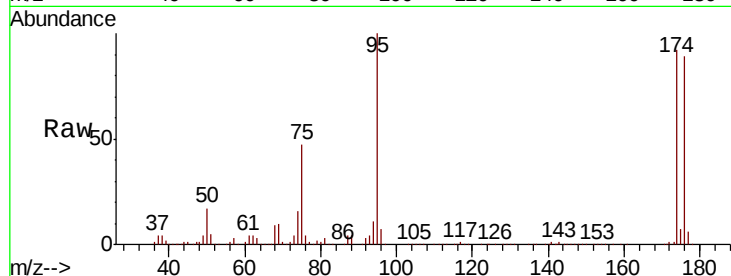
Tot Ion: 95 Resp: 231350

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.0

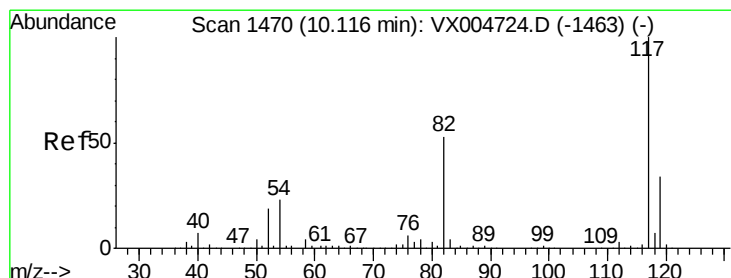
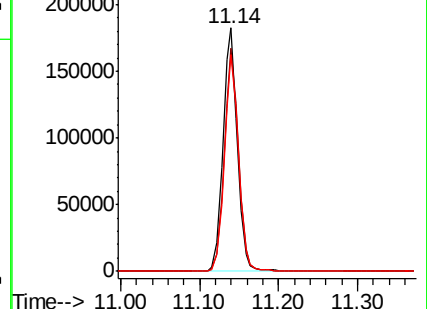
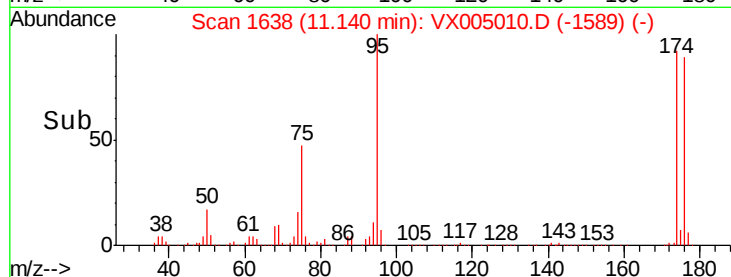
176 87.9 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX005010.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005010.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005010.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

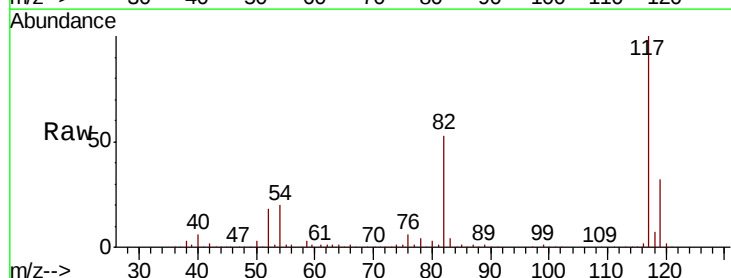
Tgt Ion: 117 Resp: 420999

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.4

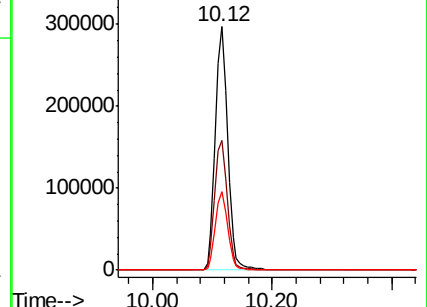
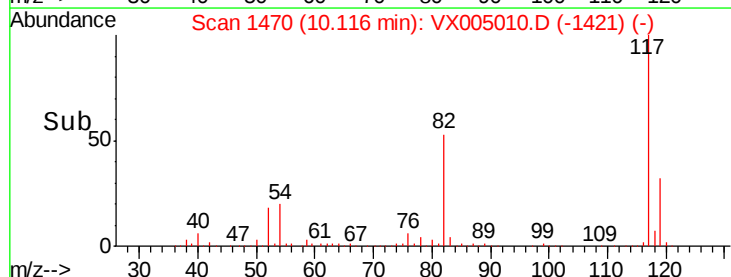
119 32.1 27.4 41.0

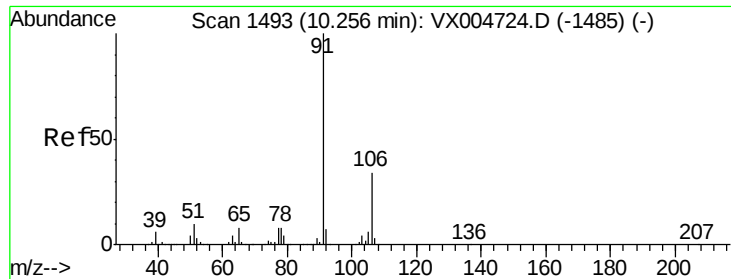


Abundance Ion 116.90 (116.60 to 117.60): VX005010.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005010.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005010.D (-1421) (-)

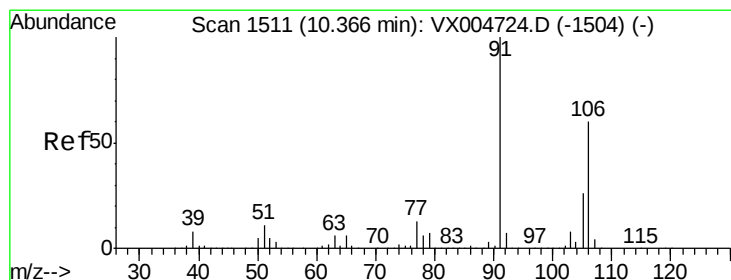
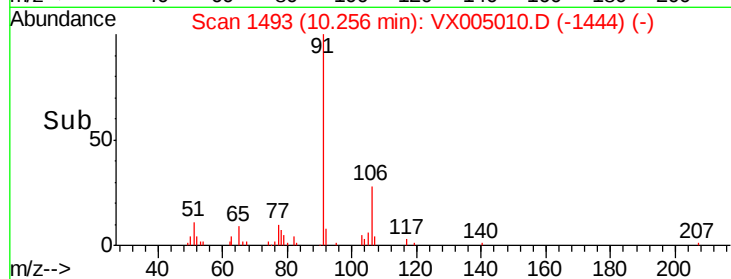
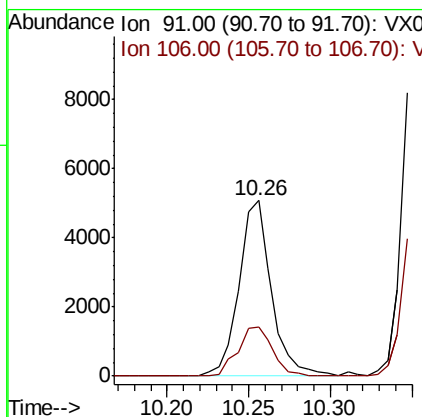
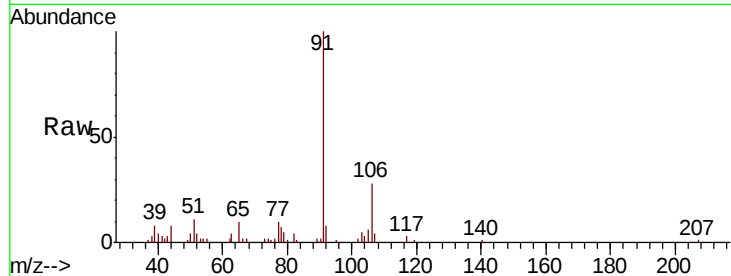




#67
Ethyl Benzene
Concen: 0.410 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

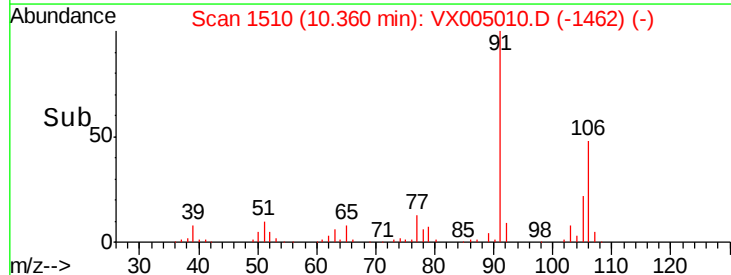
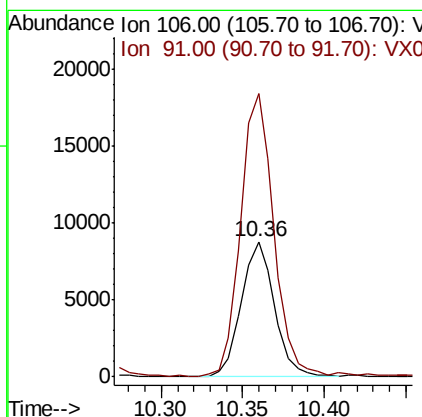
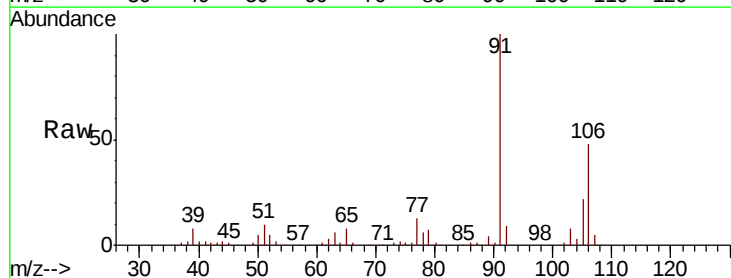
Instrument :
MSVOA_X
ClientSampleId :

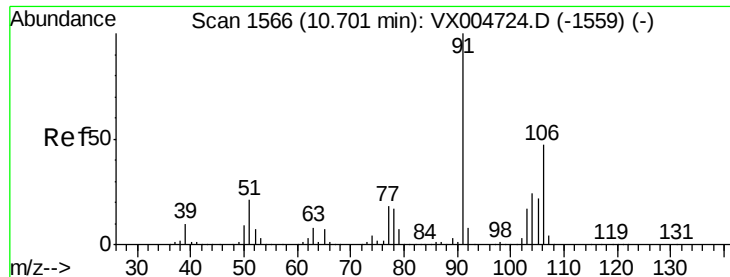
Tot Ion: 91 Resp: 7031
Ion Ratio Lower Upper
91 100
106 27.6 26.9 40.3



#68
m/p-Xylenes
Concen: 1.874 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Tgt Ion: 106 Resp: 12548
Ion Ratio Lower Upper
106 100
91 211.8 157.5 236.3

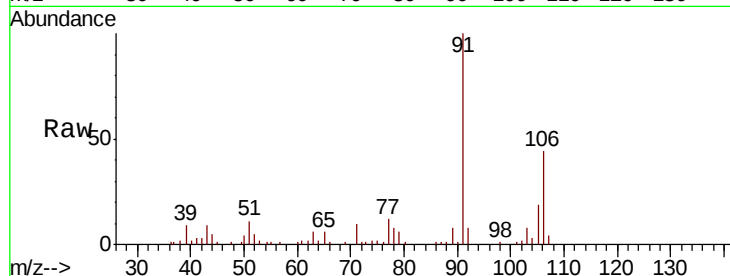




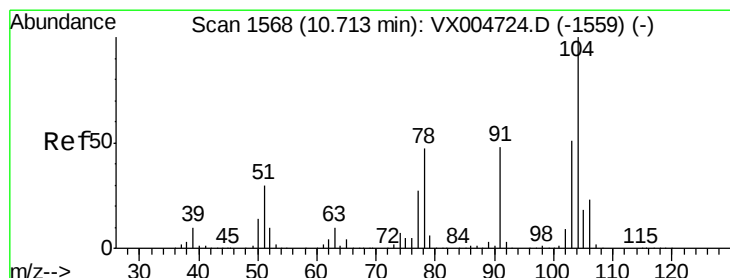
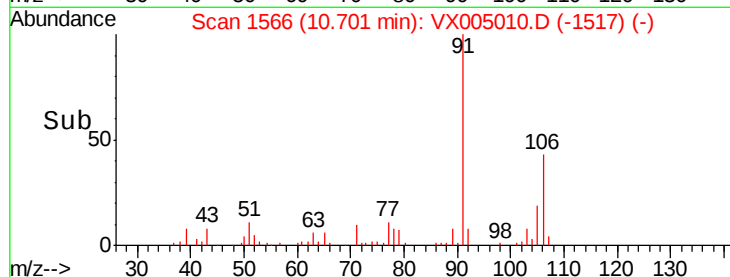
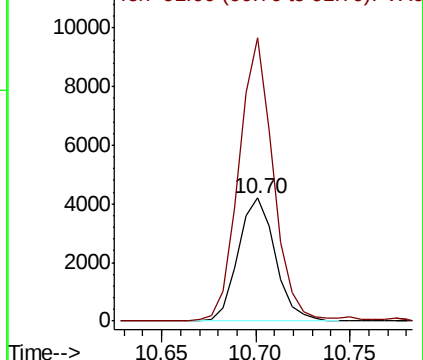
#69
o-Xylene
Concen: 0.928 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 5709
Ion Ratio Lower Upper
106 100
91 217.0 108.3 324.8

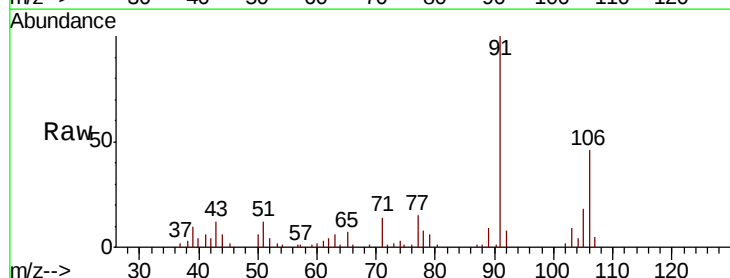


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

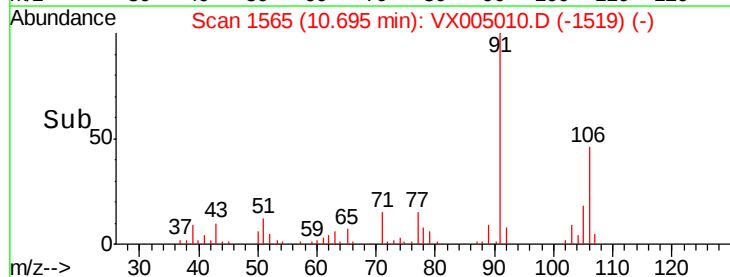
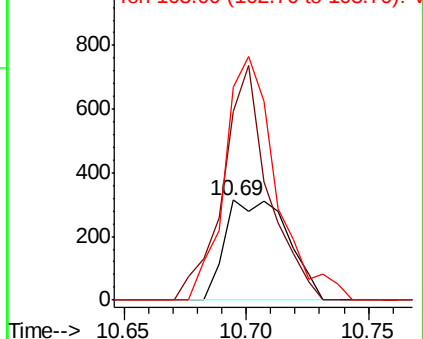


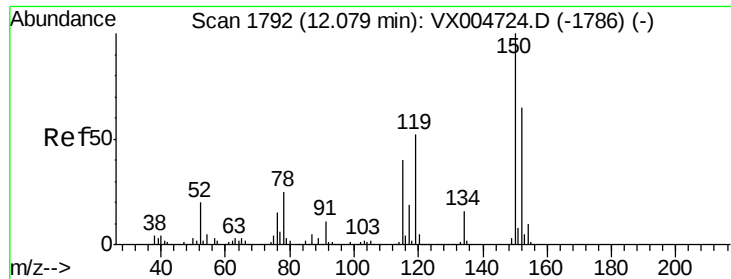
#70
Styrene
Concen: 2.187 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Tgt Ion:104 Resp: 563
Ion Ratio Lower Upper
104 100
78 169.1 40.0 60.0#
103 199.6 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

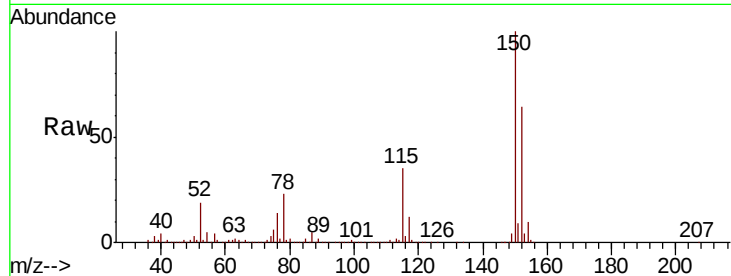
Tot Ion:152 Resp: 243606

Ion Ratio Lower Upper

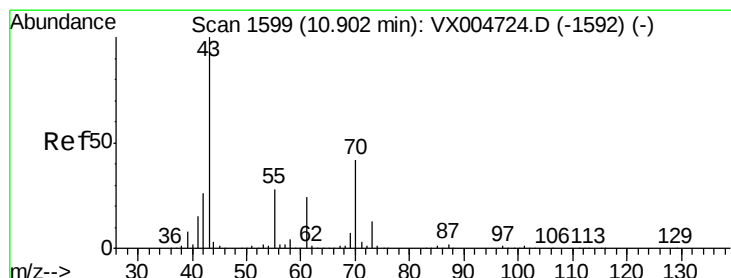
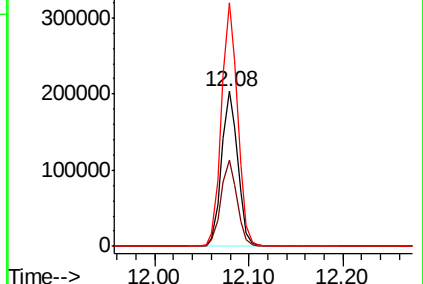
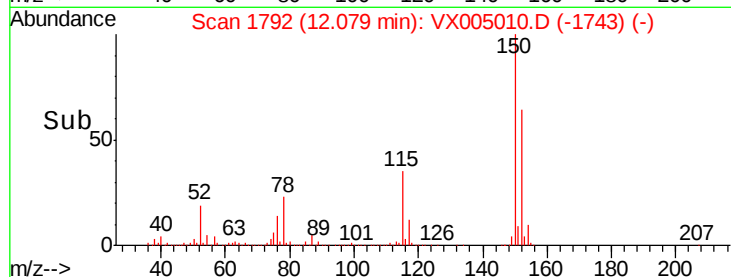
152 100

115 55.4 40.2 120.6

150 156.3 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.765 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Tgt Ion: 43 Resp: 147

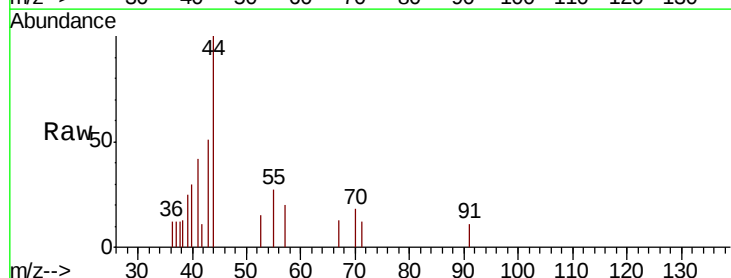
Ion Ratio Lower Upper

43 100

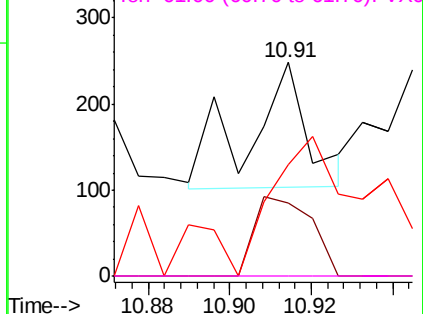
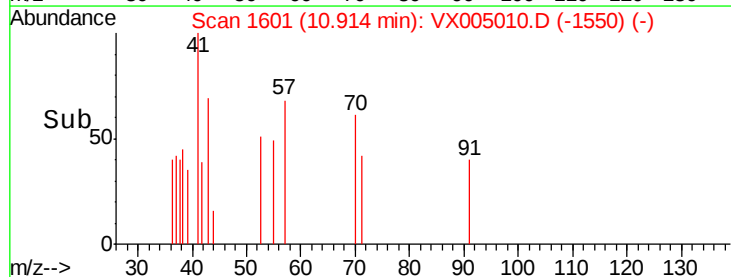
70 60.5 32.6 48.8#

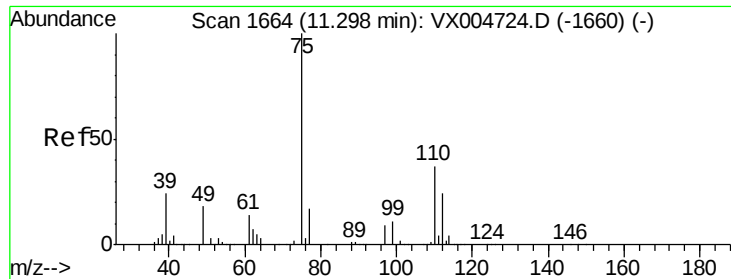
55 181.6 21.6 32.4#

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





#76

1,2,3-Trichloropropane

Concen: 20.408 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

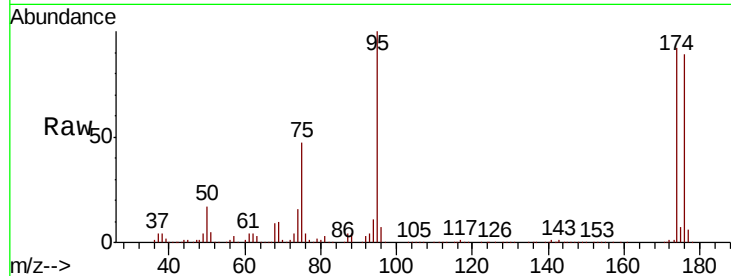
ClientSampleId :

Tot Ion: 75 Resp: 111428

Ion Ratio Lower Upper

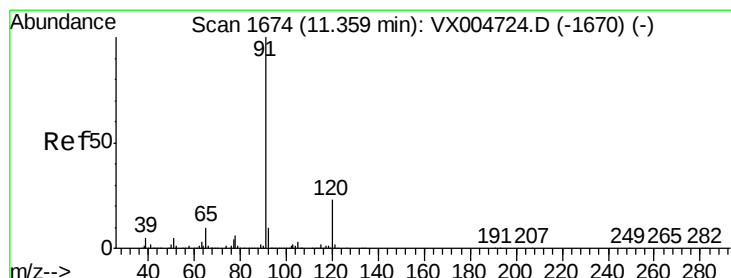
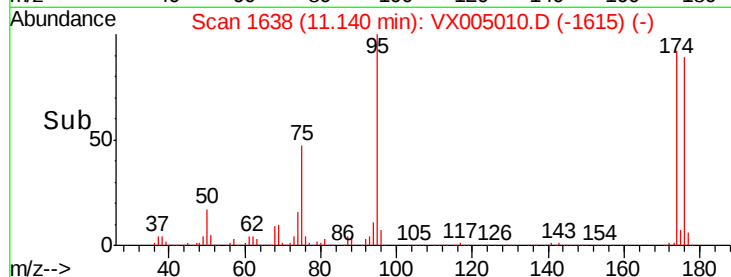
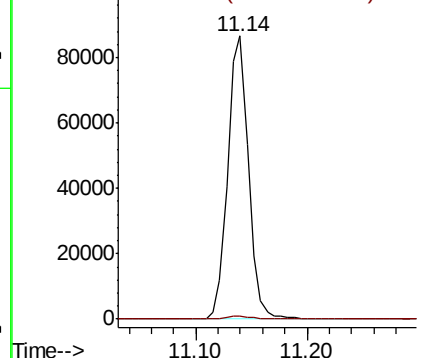
75 100

77 1.4 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: 0.302 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005010.D

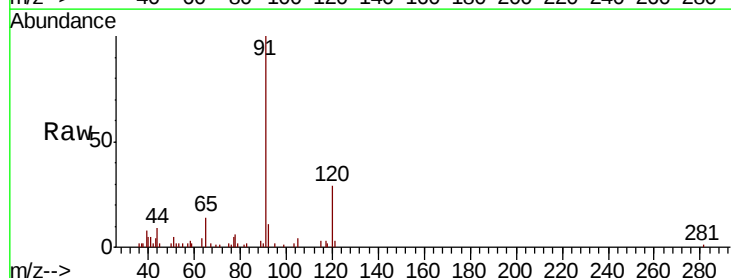
Acq: 04 Oct 2018 10:28

Tgt Ion: 91 Resp: 5319

Ion Ratio Lower Upper

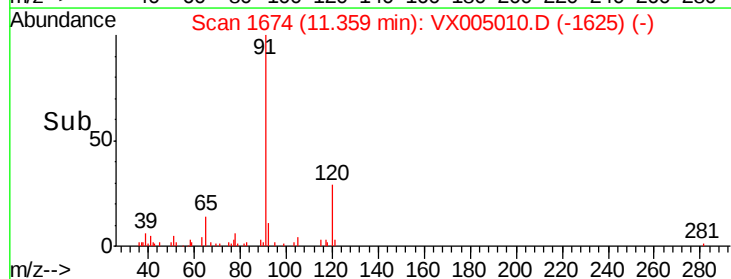
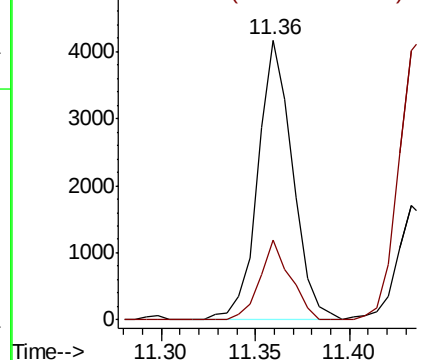
91 100

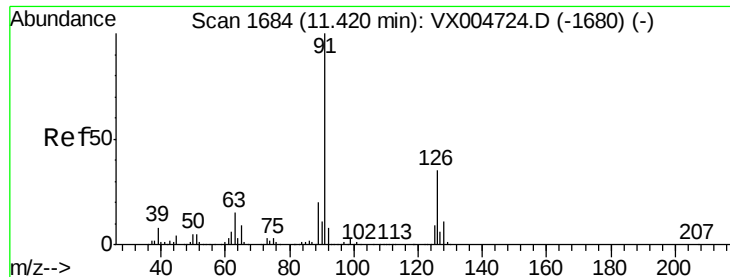
120 25.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

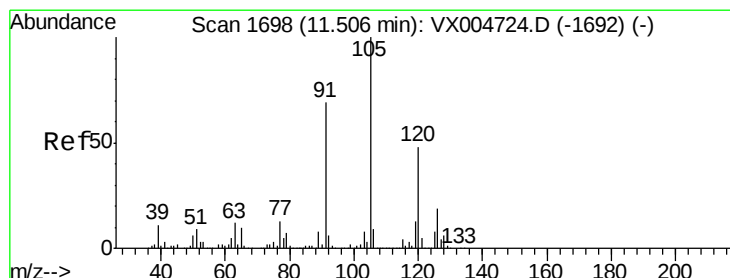
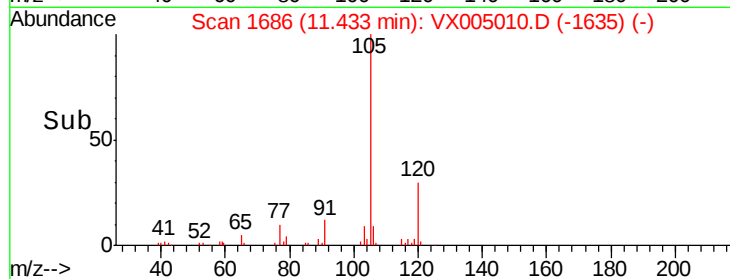
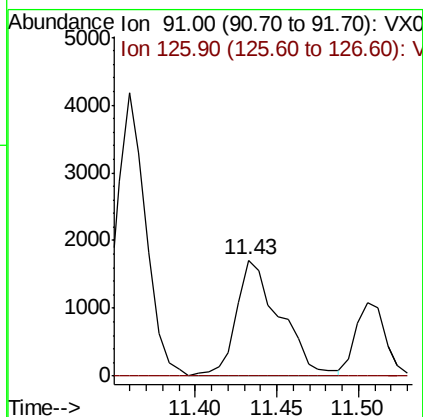
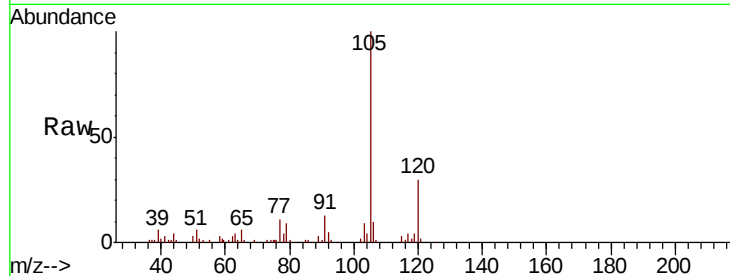




#79
 2-Chlorotoluene
 Concen: 0.291 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

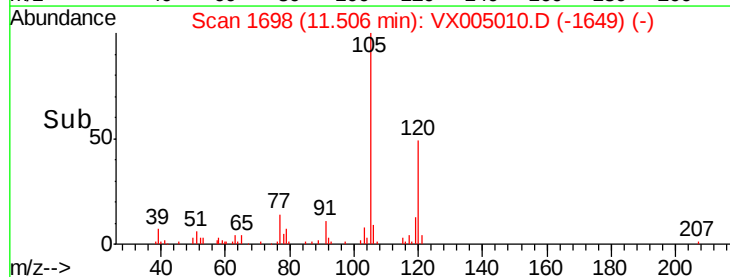
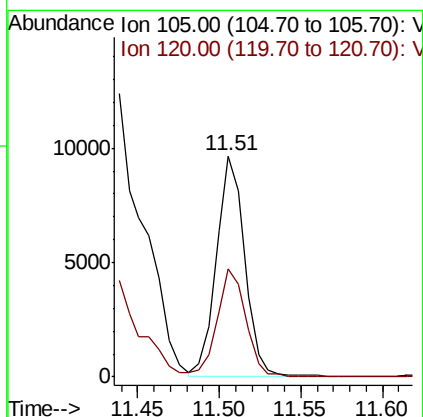
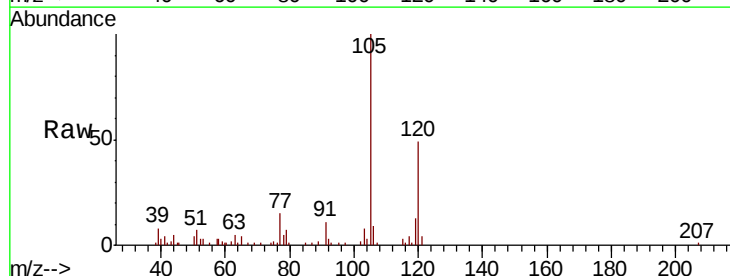
Instrument :
 MSVOA_X
 ClientSampled :

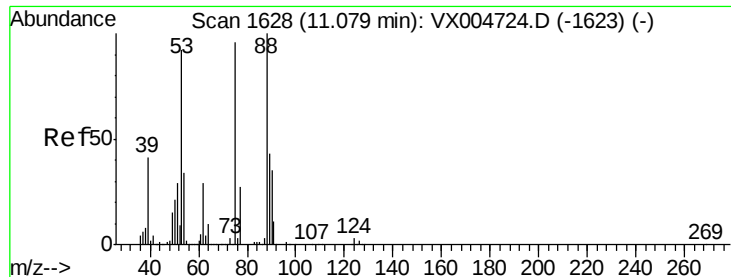
Tot Ion: 91 Resp: 3193
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.642 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005010.D
 Acq: 04 Oct 2018 10:28

Tgt Ion: 105 Resp: 11782
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.435 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampled :

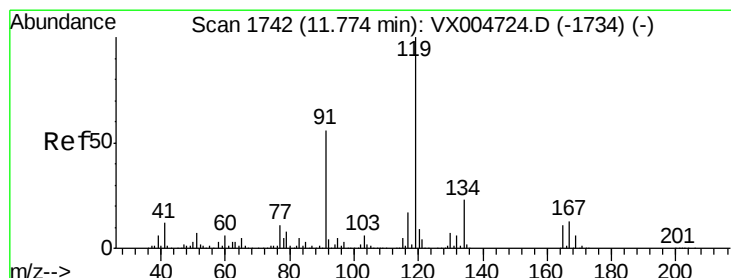
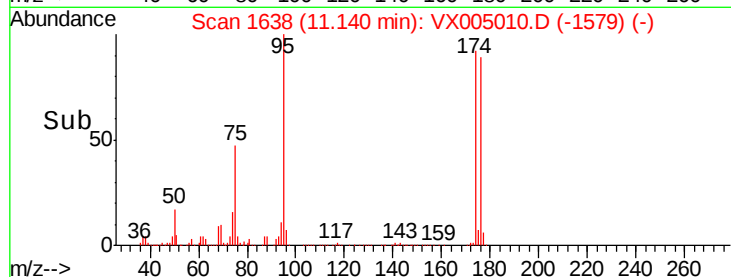
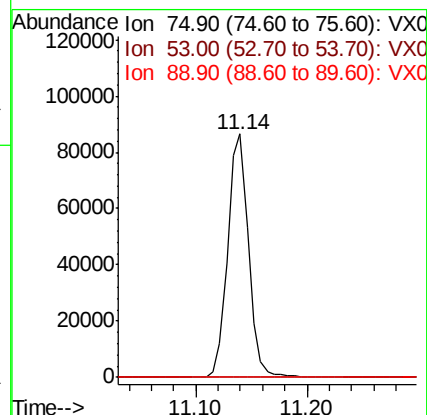
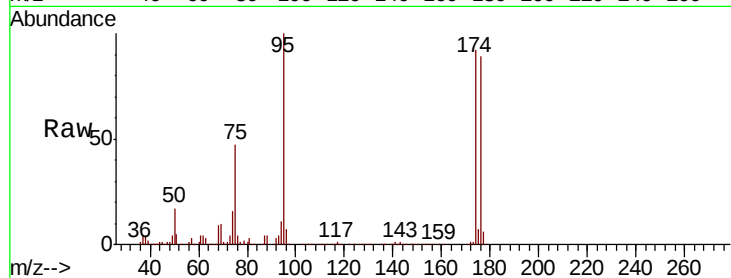
Tot Ion: 75 Resp: 111428

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.4#

89 0.0 37.1 55.7#



#83

tert-Butylbenzene

Concen: 0.336 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.03 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

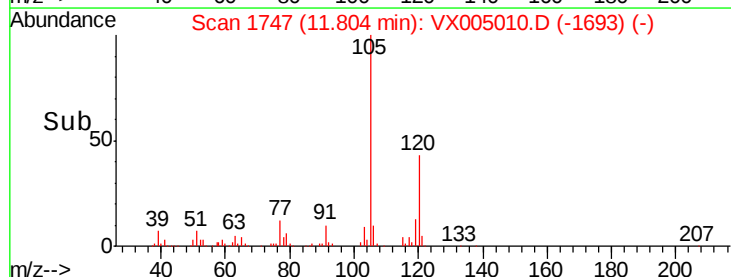
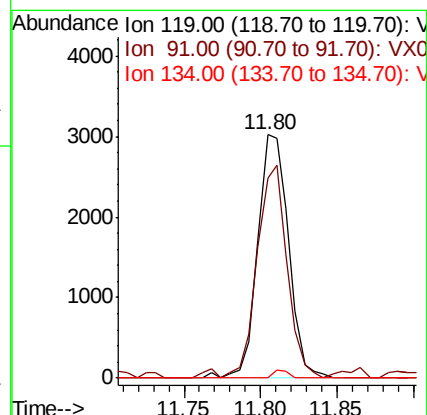
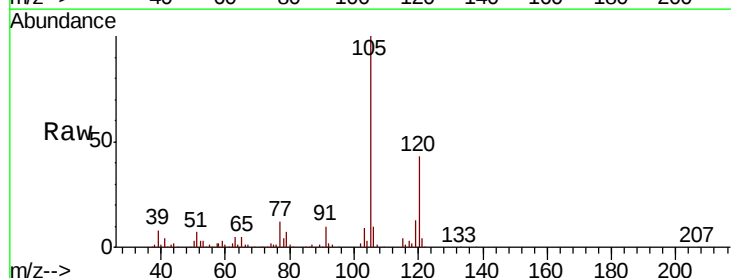
Tgt Ion: 119 Resp: 4248

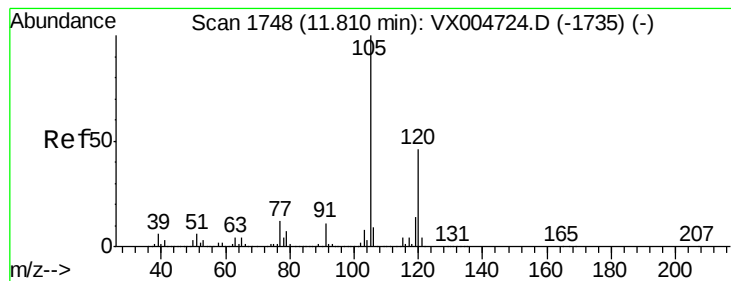
Ion Ratio Lower Upper

119 100

91 85.1 27.5 82.5#

134 1.6 11.5 34.4#





#84

1,2,4-Trimethylbenzene

Concen: 2.011 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

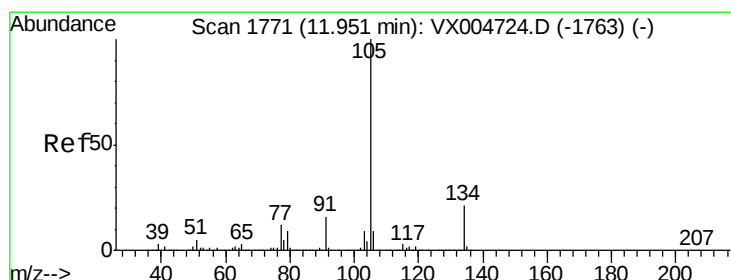
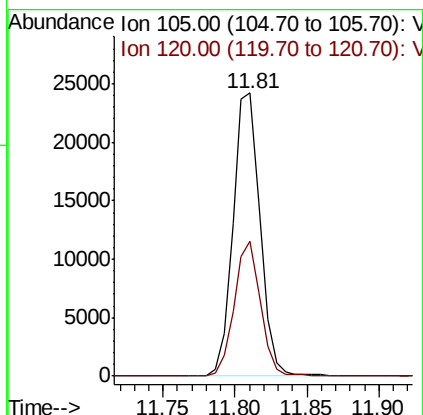
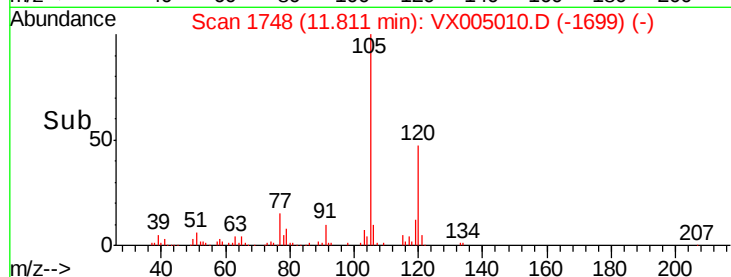
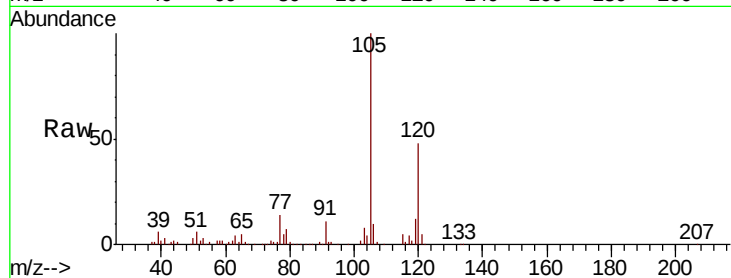
ClientSampleId :

Tot Ion:105 Resp: 31942

Ion Ratio Lower Upper

105 100

120 45.9 22.8 68.3



#85

sec-Butylbenzene

Concen: 2.074 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX005010.D

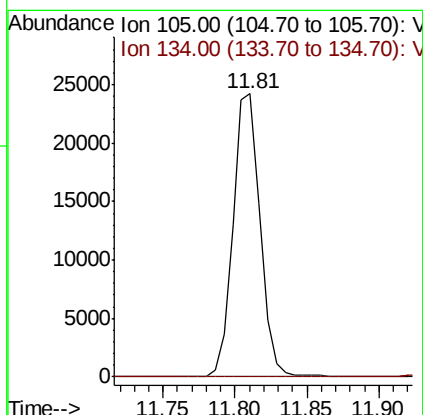
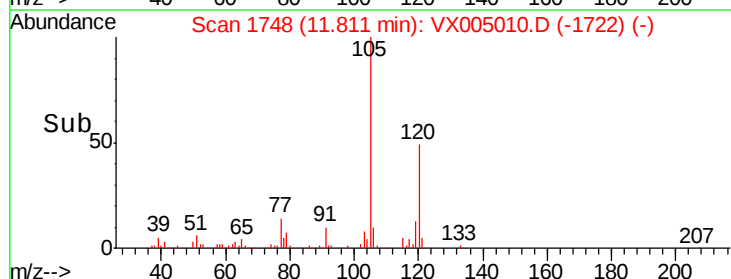
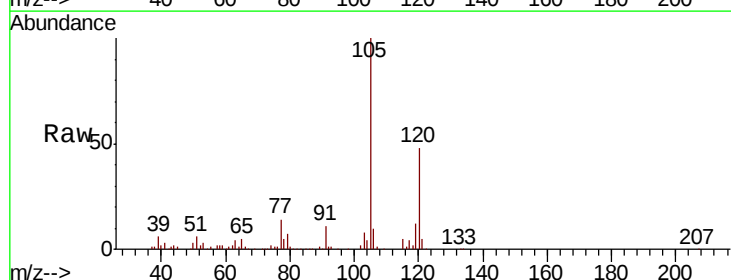
Acq: 04 Oct 2018 10:28

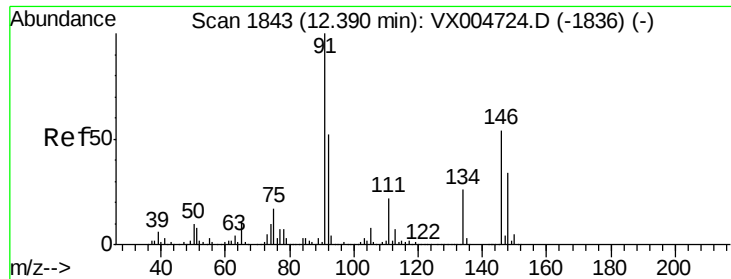
Tgt Ion:105 Resp: 31942

Ion Ratio Lower Upper

105 100

134 0.2 10.2 30.4#

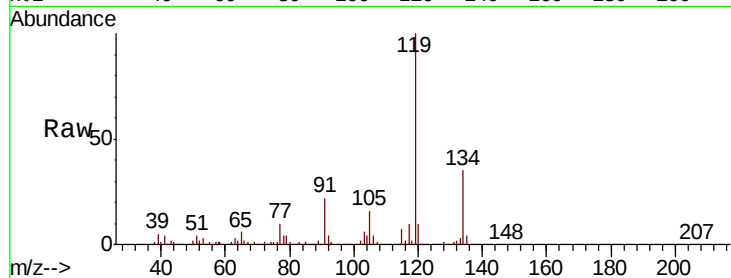




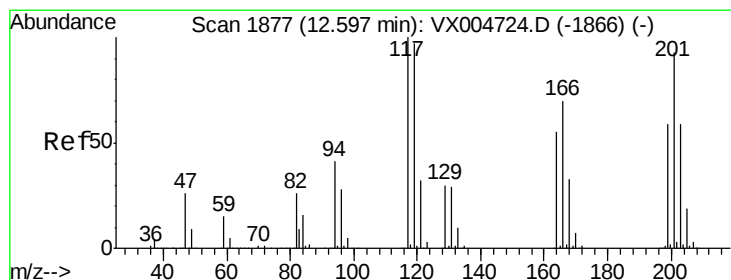
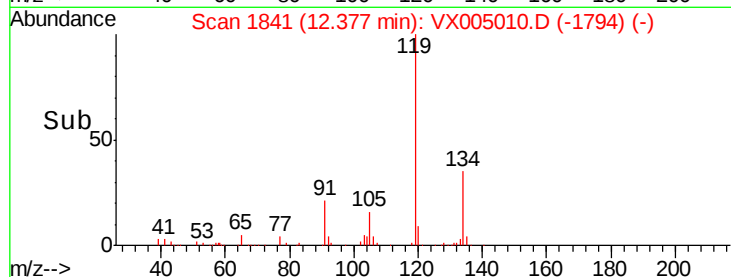
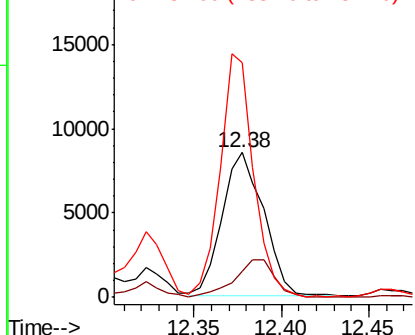
#89
n-Butylbenzene
Concen: 1.114 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 14111
Ion Ratio Lower Upper
91 100
92 25.5 26.0 78.0#
134 136.3 13.2 39.6#

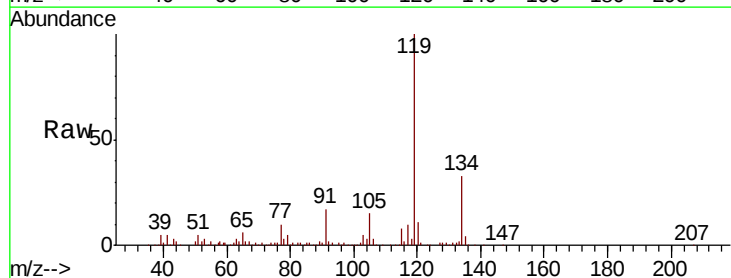


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

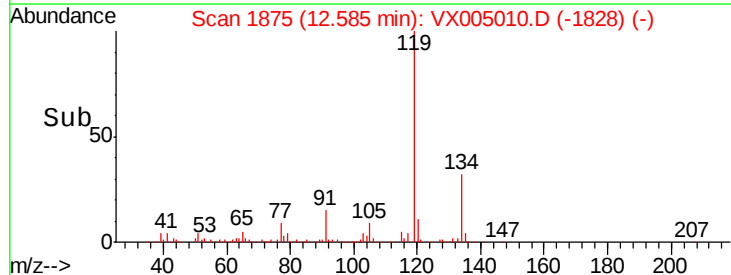
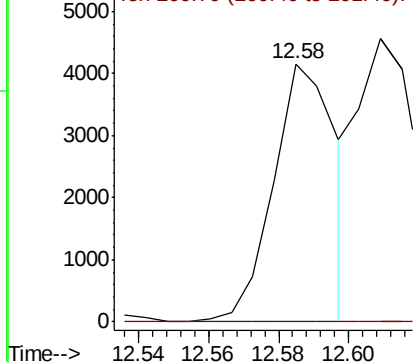


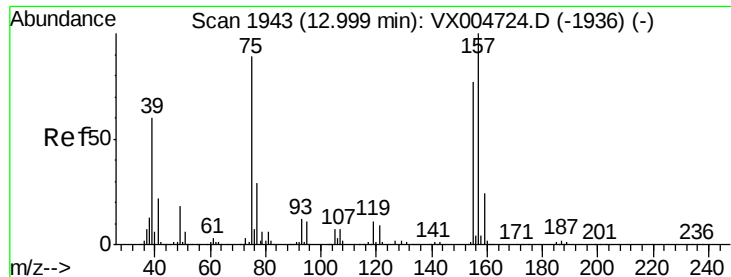
#90
Hexachloroethane
Concen: 2.220 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX005010.D
Acq: 04 Oct 2018 10:28

Tgt Ion: 117 Resp: 5157
Ion Ratio Lower Upper
117 100
201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.804 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Instrument :

MSVOA_X

ClientSampleId :

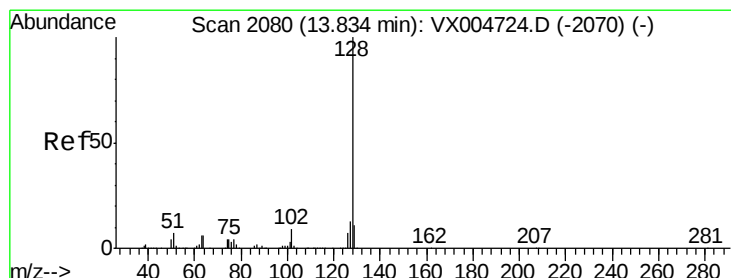
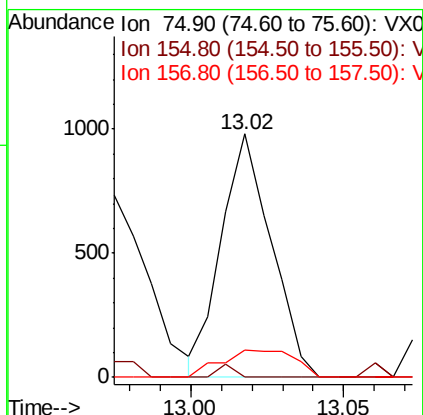
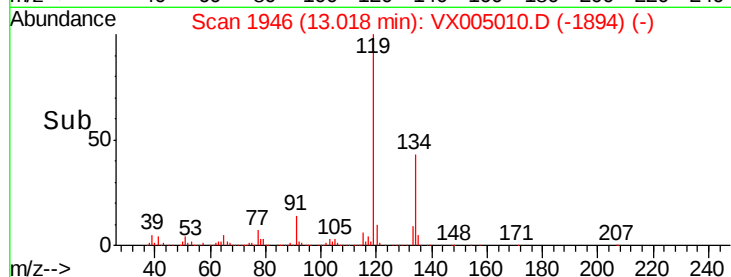
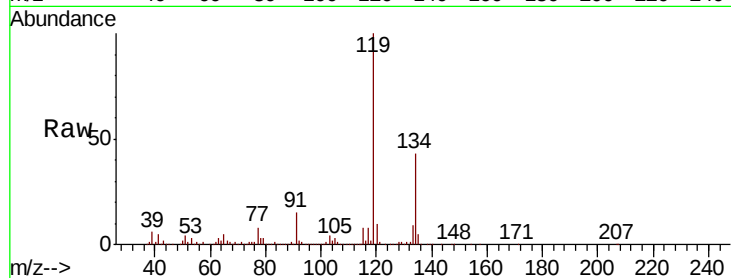
Tot Ion: 75 Resp: 1103

Ion Ratio Lower Upper

75 100

155 1.7 46.1 138.3#

157 16.4 60.2 180.6#



#95

Naphthalene

Concen: 13.455 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005010.D

Acq: 04 Oct 2018 10:28

Tgt Ion: 128 Resp: 261827

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.7 13.1

