

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006090.D
 Acq On : 19 Nov 2018 14:47
 Operator : JC/MD
 Sample : J5975-01
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB44949

Quant Time: Nov 19 15:10:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	136107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	198517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	164908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90950	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	75503	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.51	113	64079	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	209509	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	11.14	95	82813	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds						Qvalue
5) Bromomethane	1.64	94	344	0.35	ug/l	98
11) Tert butyl alcohol	3.02	59	536	1.20	ug/l #	72
16) Acetone	2.48	43	1995	2.37	ug/l	97
18) Methyl Acetate	2.80	43	6564	1.47	ug/l	99
20) Methylene Chloride	2.84	84	455	0.33	ug/l #	90
25) 2-Butanone	4.73	43	354	0.27	ug/l #	51
29) Tetrahydrofuran	5.18	42	1267	1.49	ug/l	88
31) Cyclohexane	5.66	56	2375	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	8870	4.63	ug/l #	49
38) Carbon Tetrachloride	5.66	117	12212	6.37	ug/l #	16
39) Methylcyclohexane	7.45	83	554	0.29	ug/l	94
41) Methacrylonitrile	5.18	41	783	0.58	ug/l #	44
52) Toluene	8.79	92	9768	3.13	ug/l	100
55) 1,1,2-Trichloroethane	9.16	97	537	0.39	ug/l #	14
67) Ethyl Benzene	10.25	91	11102	2.10	ug/l	99
68) m/p-Xylenes	10.36	106	19124	9.46	ug/l	99
69) o-Xylene	10.70	106	15401	8.50	ug/l	98
70) Styrene	10.70	104	1041	0.35	ug/l #	1
73) Isopropylbenzene	11.02	105	7865	1.50	ug/l	97
74) N-amyl acetate	10.91	43	959	1.57	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	848	0.44	ug/l #	77
76) 1,2,3-Trichloropropane	11.43	75	1559	0.84	ug/l #	1
78) n-propylbenzene	11.36	91	29780	4.80	ug/l	98
79) 2-Chlorotoluene	11.43	91	21015	5.61	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	64955	14.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	40694	70.03	ug/l #	10
82) 4-Chlorotoluene	11.51	91	6999	1.59	ug/l #	44
83) tert-Butylbenzene	11.77	119	5926	1.31	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	196500	39.81	ug/l	98
85) sec-Butylbenzene	11.94	105	24135	4.36	ug/l	87
86) p-Isopropyltoluene	12.07	119	20918	4.27	ug/l	99
89) n-Butylbenzene	12.38	91	63327	13.95	ug/l #	34
90) Hexachloroethane	12.61	117	5872	7.18	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	920	1.95	ug/l #	1

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QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

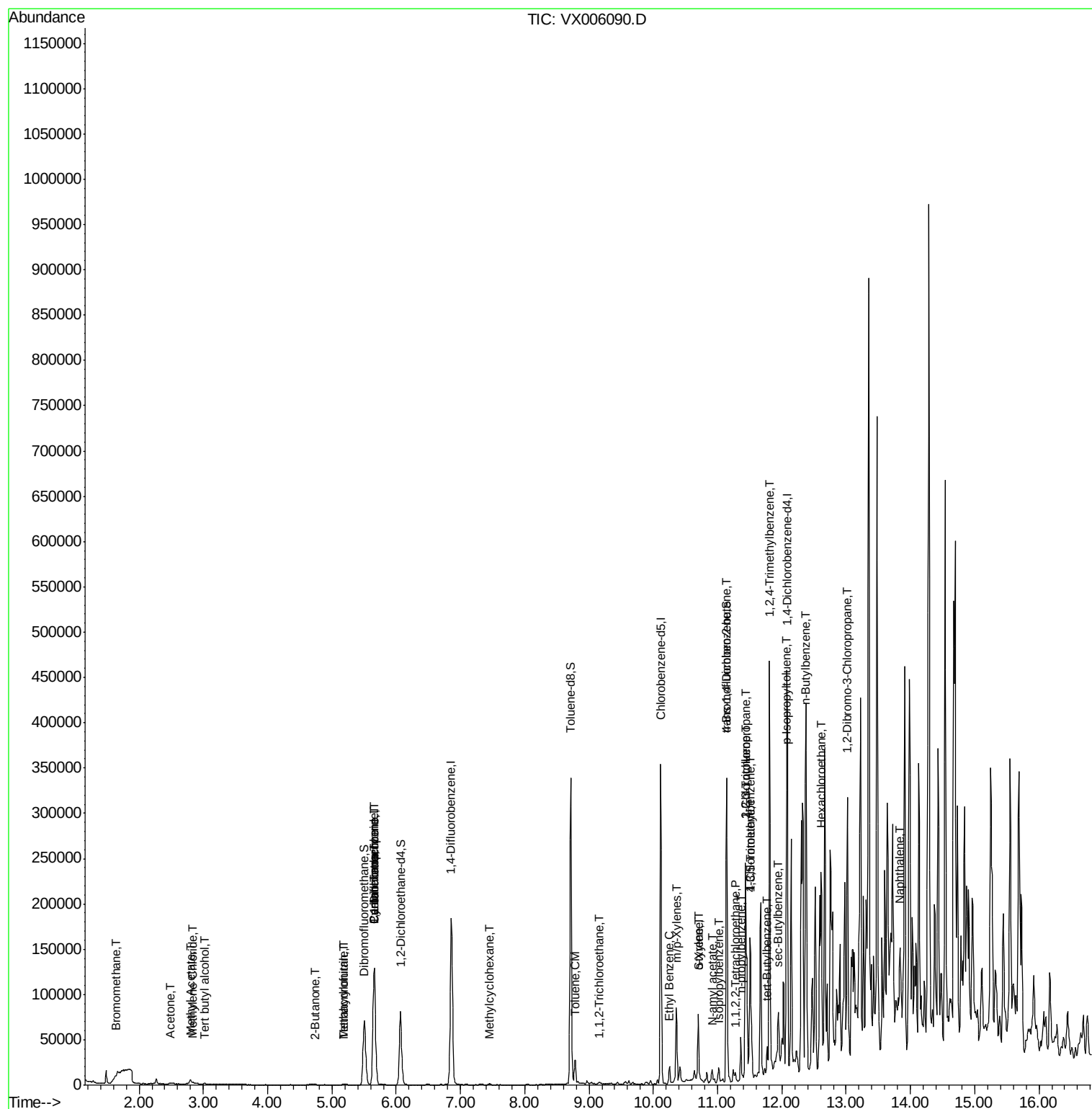
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	70591	11.71	ug/l #	94

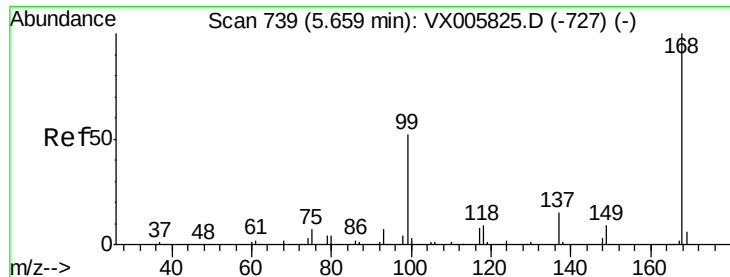
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

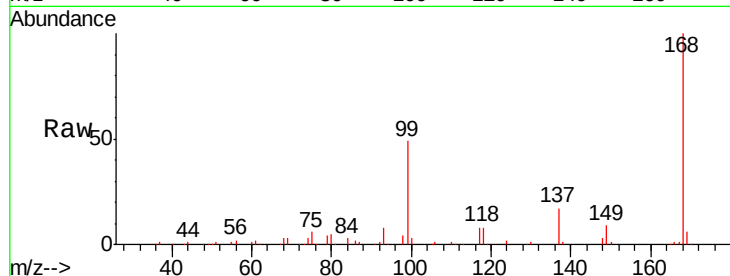
VB44949

Tgt Ion:168 Resp: 136107

Ion Ratio Lower Upper

168 100

99 49.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

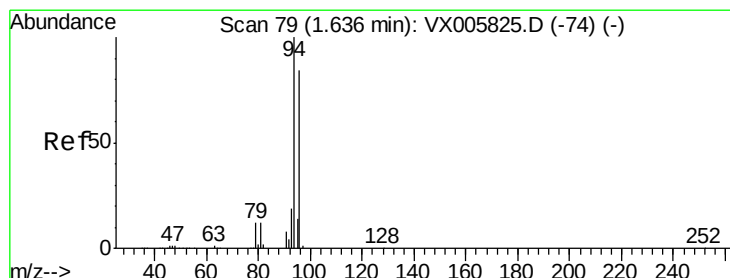
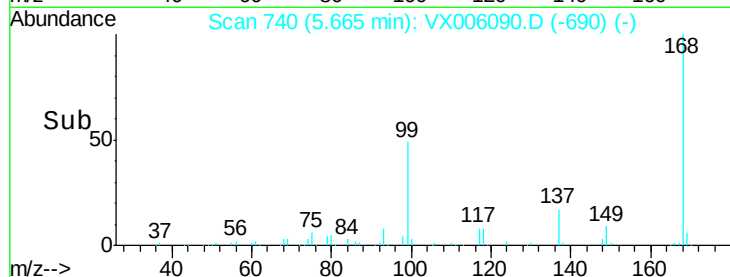
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.35 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006090.D

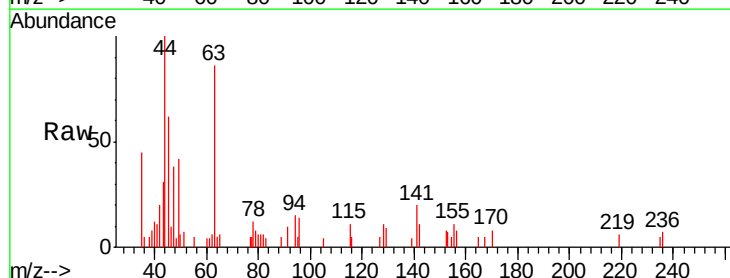
Acq: 19 Nov 2018 14:47

Tgt Ion: 94 Resp: 344

Ion Ratio Lower Upper

94 100

96 95.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

200

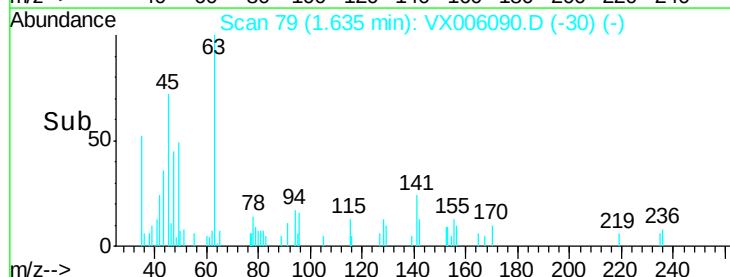
150

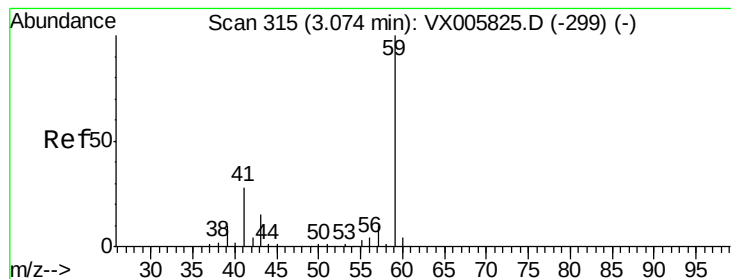
100

50

0

Time--> 1.60 1.65





#11

Tert butyl alcohol

Concen: 1.20 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampled :

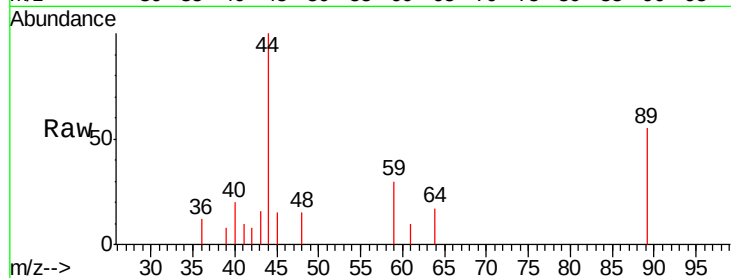
VB44949

Tgt Ion: 59 Resp: 536

Ion Ratio Lower Upper

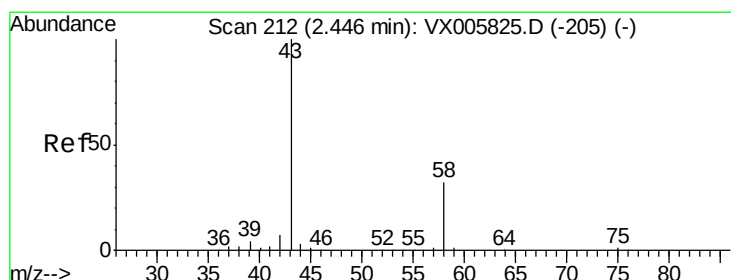
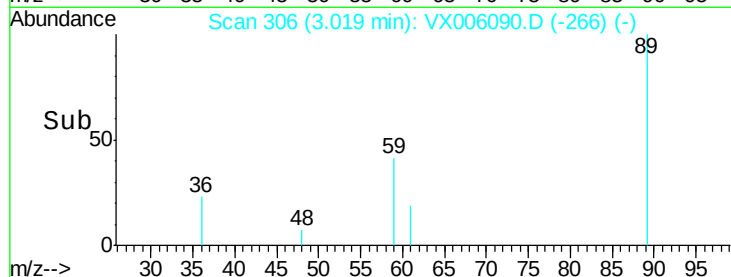
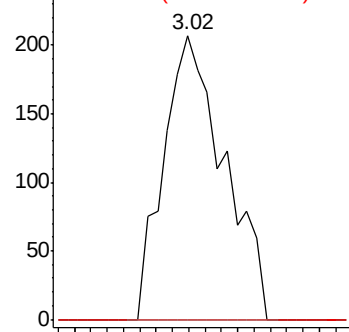
59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#16

Acetone

Concen: 2.37 ug/l

RT: 2.48 min Scan# 217

Delta R.T. 0.03 min

Lab File: VX006090.D

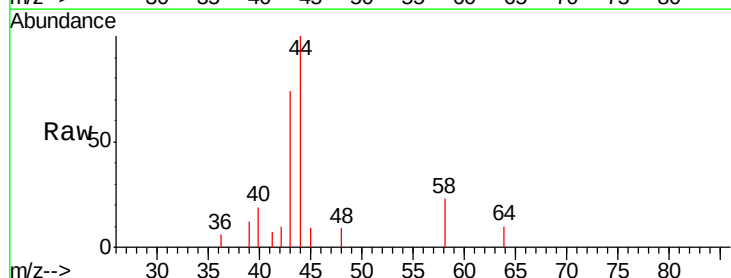
Acq: 19 Nov 2018 14:47

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

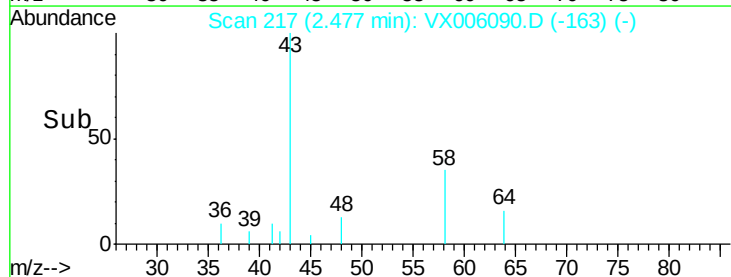
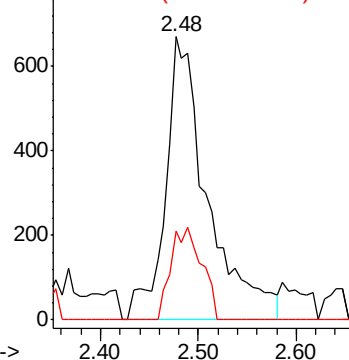
43 100

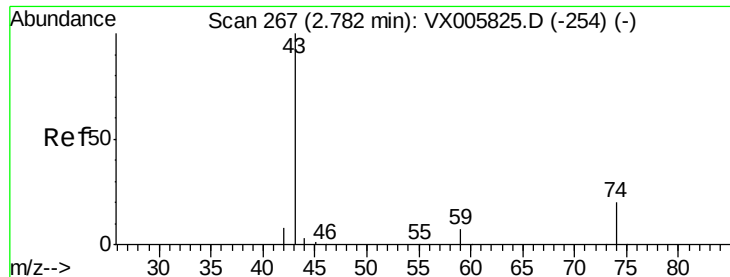
58 31.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

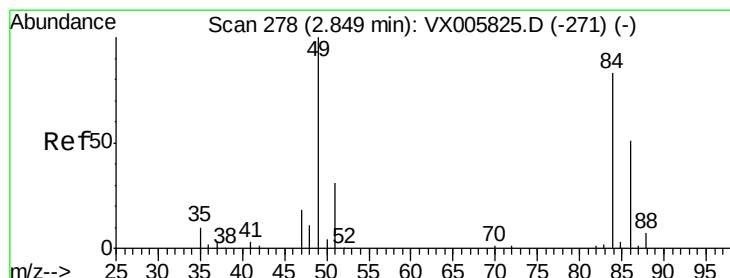
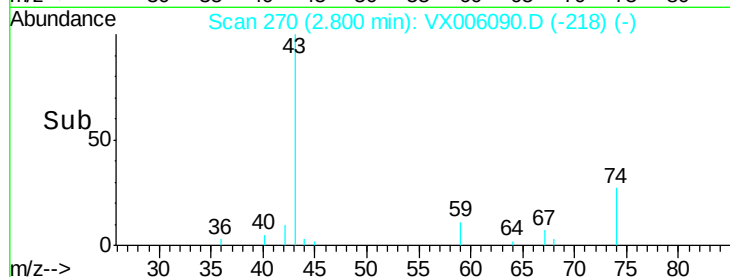
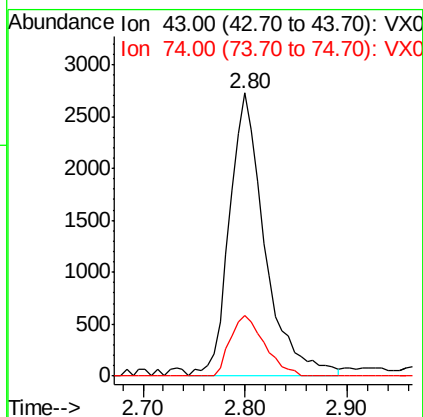
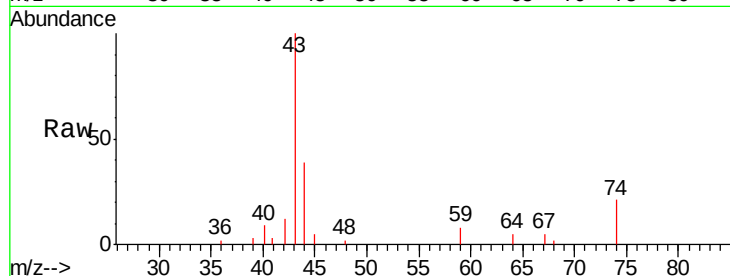




#18
Methyl Acetate
Concen: 1.47 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

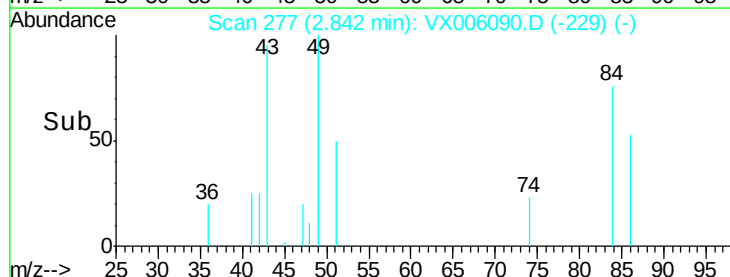
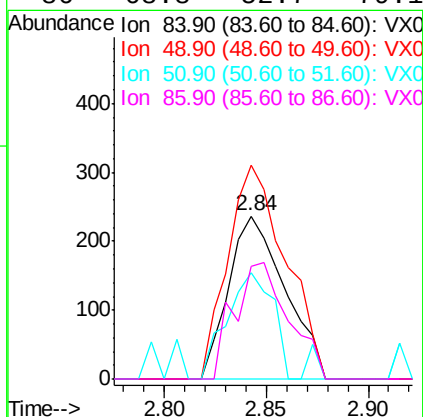
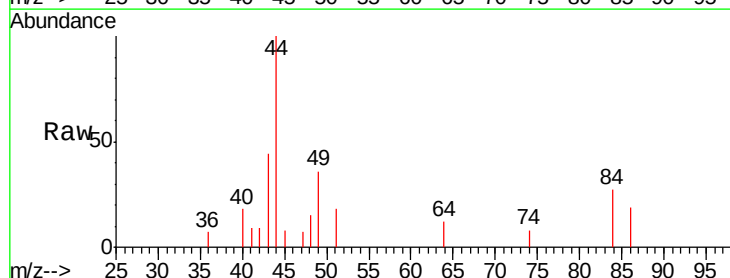
Instrument :
MSVOA_X
ClientSampled :
VB44949

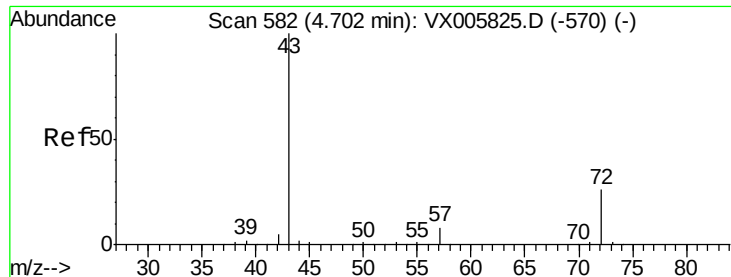
Tgt Ion: 43 Resp: 6564
Ion Ratio Lower Upper
43 100
74 20.7 16.8 25.2



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion: 84 Resp: 455
Ion Ratio Lower Upper
84 100
49 130.8 109.5 164.3
51 65.4 33.3 49.9#
86 68.8 52.7 79.1





#25

2-Butanone

Concen: 0.27 ug/l

RT: 4.73 min Scan# 587

Delta R.T. 0.03 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

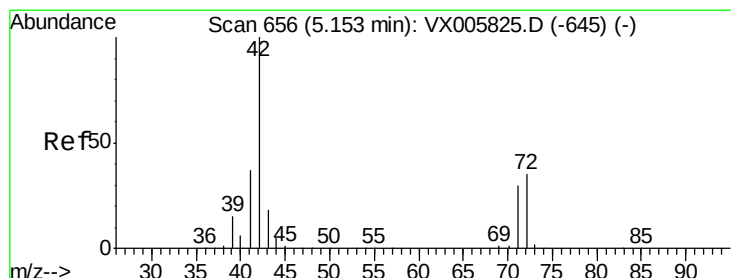
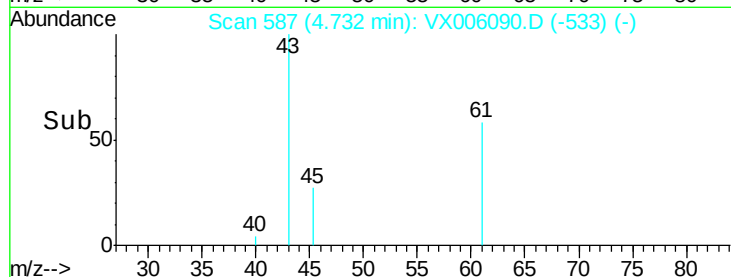
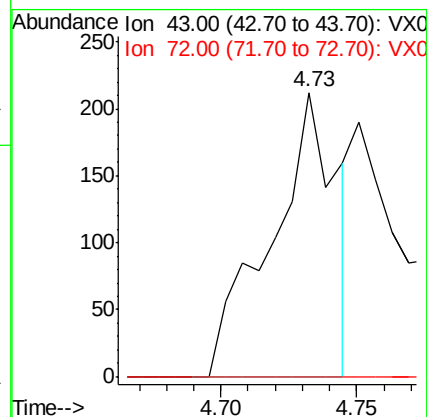
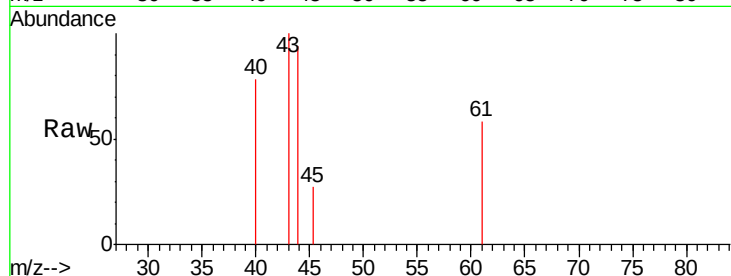
VB44949

Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#



#29

Tetrahydrofuran

Concen: 1.49 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

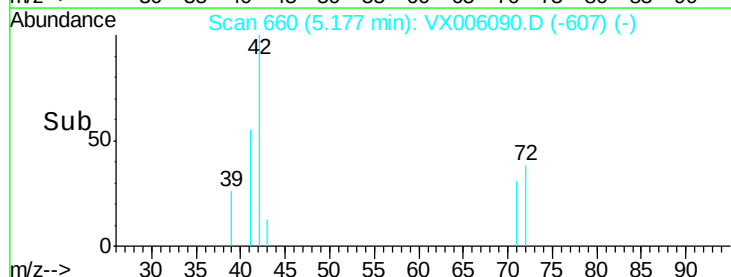
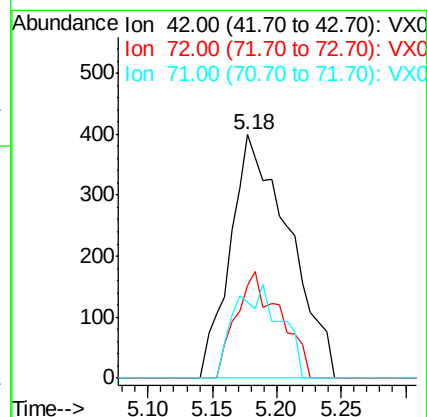
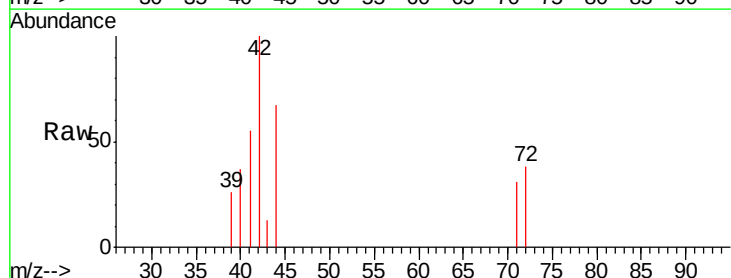
Tgt Ion: 42 Resp: 1267

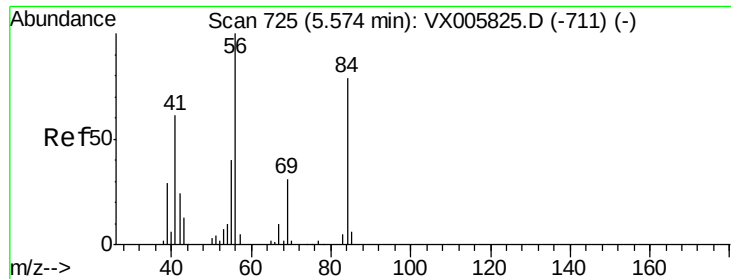
Ion Ratio Lower Upper

42 100

72 33.0 32.0 48.0

71 30.1 29.8 44.8

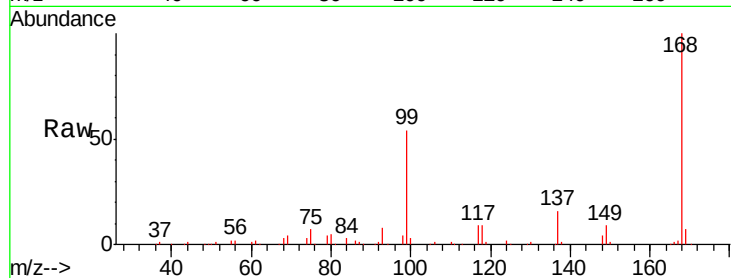




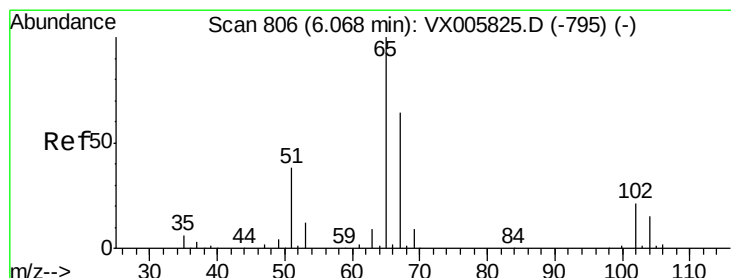
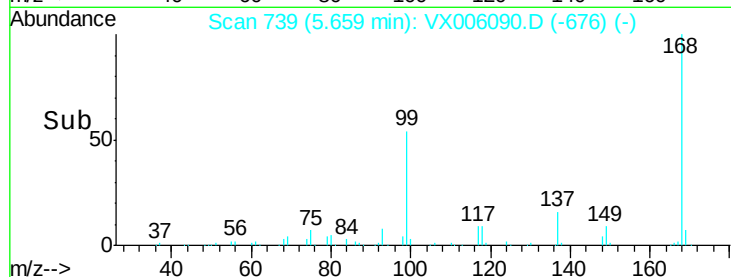
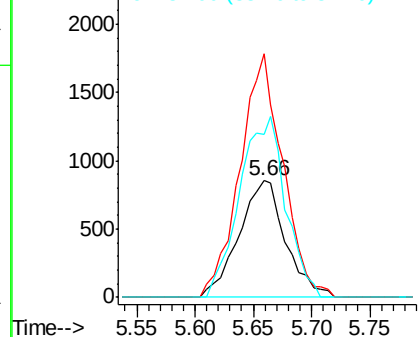
#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Instrument :
MSVOA_X
ClientSampleId :
VB44949

Tgt Ion: 56 Resp: 2375
Ion Ratio Lower Upper
56 100
69 209.1 22.6 34.0#
84 140.3 62.7 94.1#

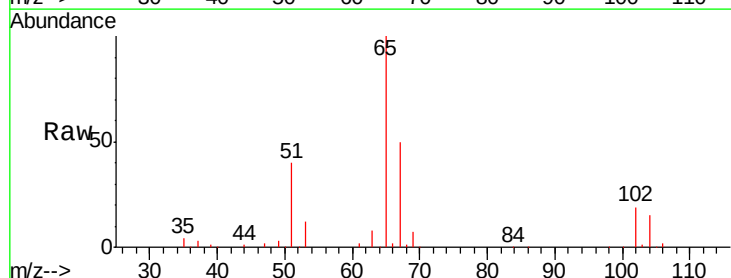


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

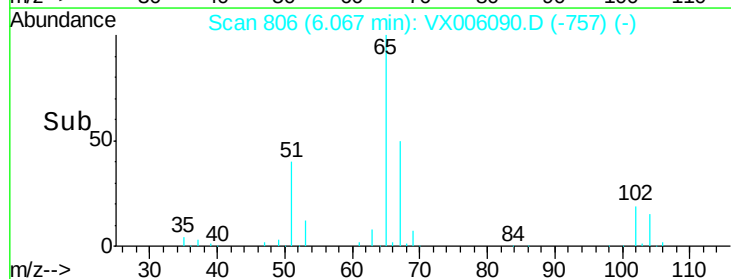
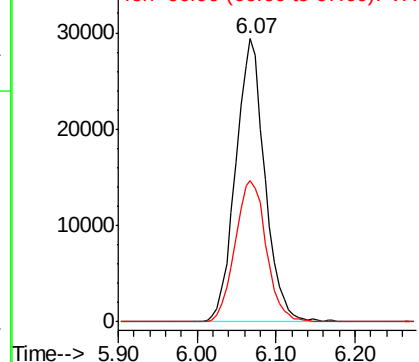


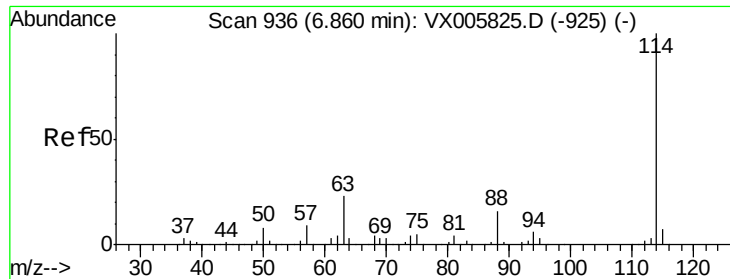
#33
1,2-Dichloroethane-d4
Concen: 48.25 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion: 65 Resp: 75503
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



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

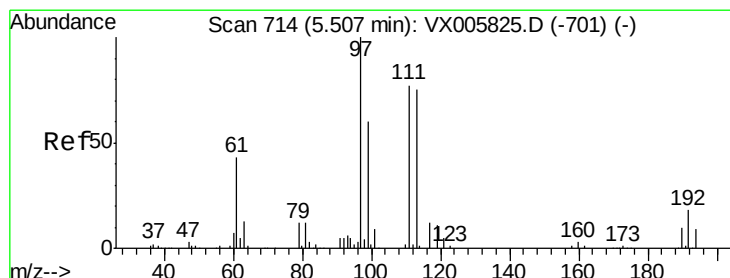
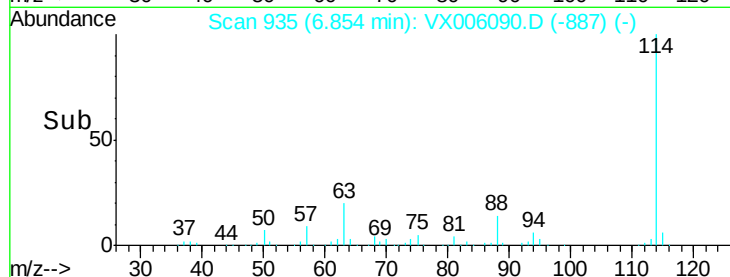
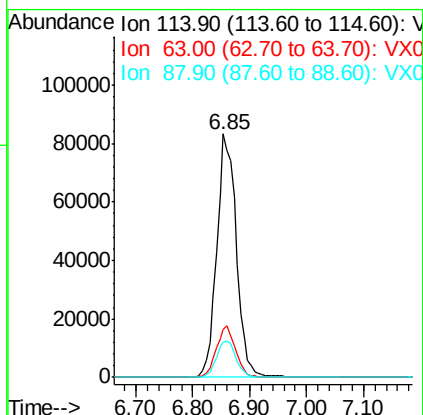
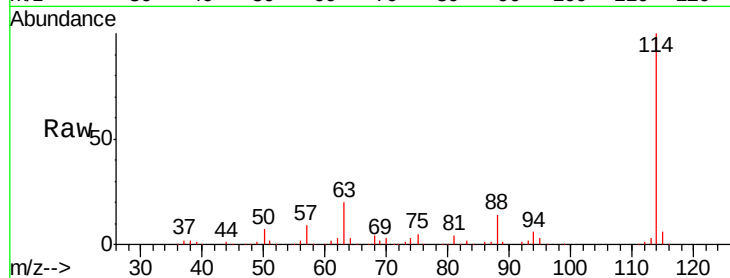




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

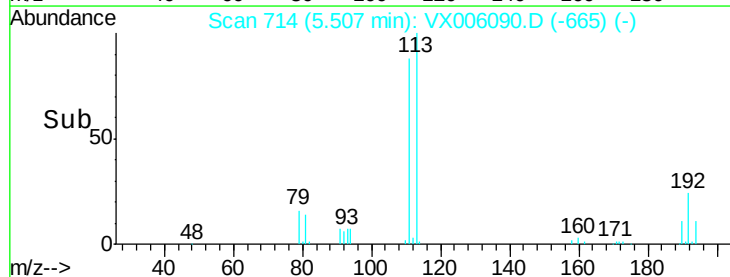
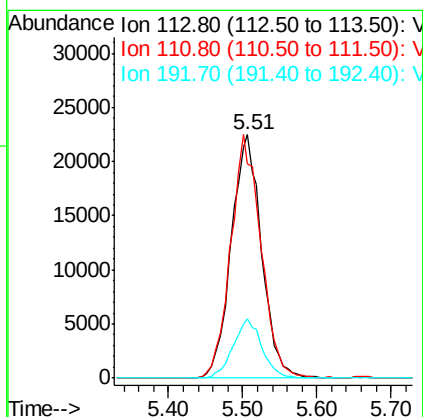
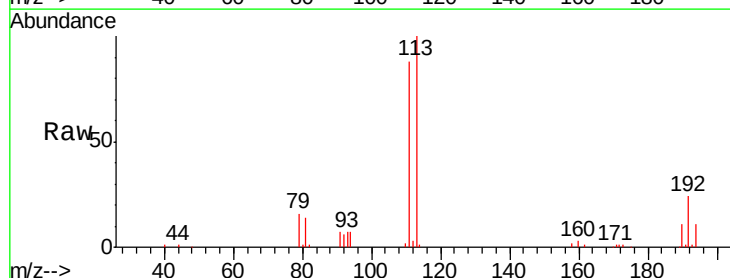
Instrument :
 MSVOA_X
 ClientSampled :
 VB44949

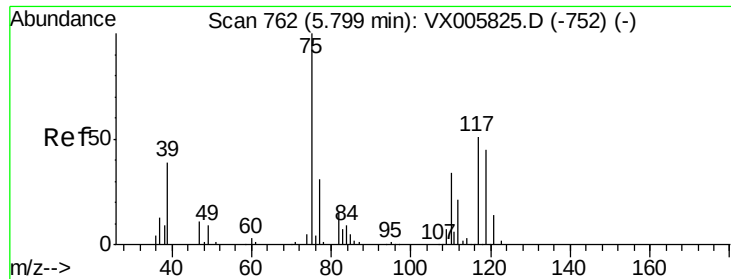
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.8
88	14.1	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 47.46 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.3	123.5
192	23.2	17.9	26.9

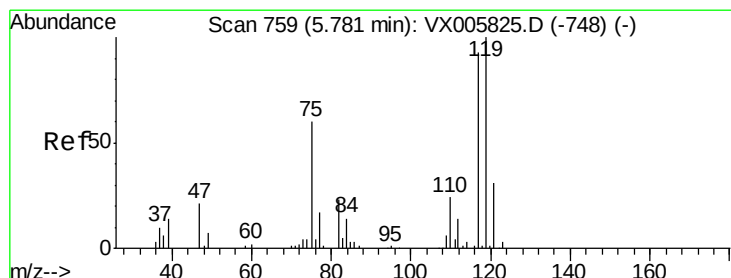
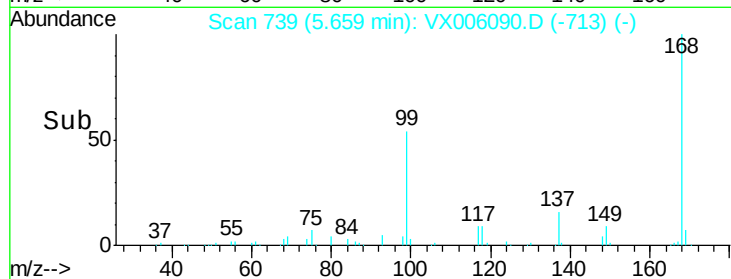
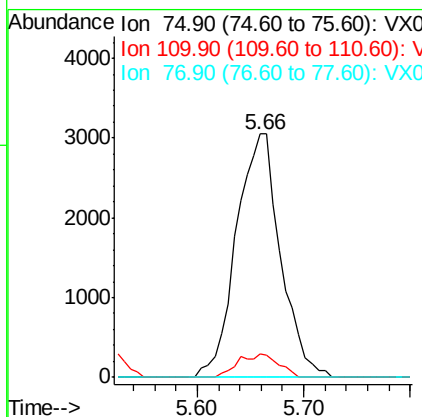
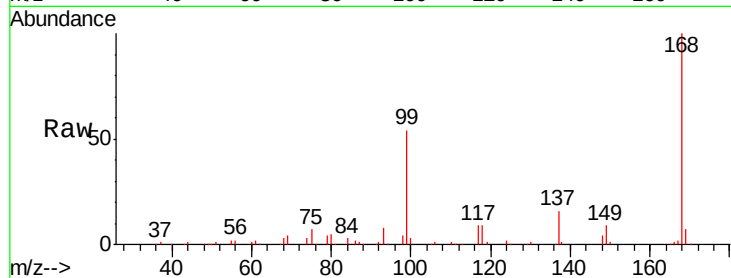




#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

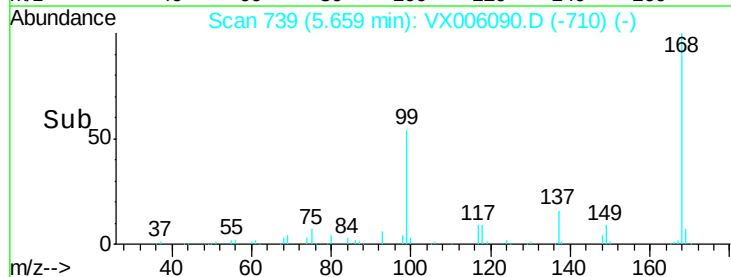
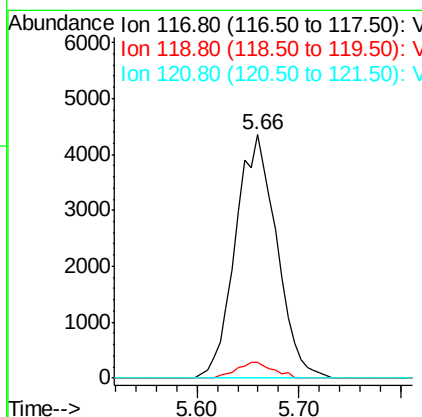
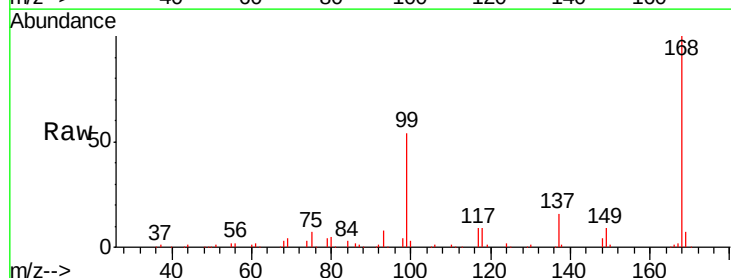
Instrument :
 MSVOA_X
 ClientSampleId :
 VB44949

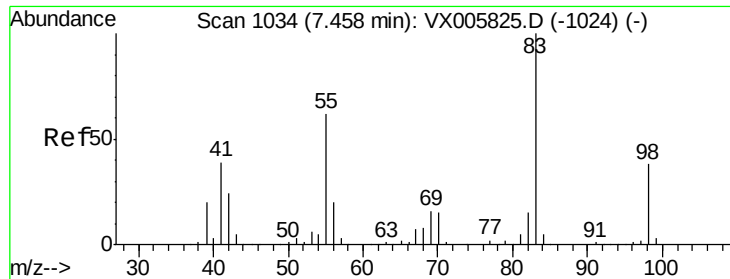
Tgt Ion: 75 Resp: 8870
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.4 52.2#
 77 0.0 25.8 38.6#



#38
 Carbon Tetrachloride
 Concen: 6.37 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

Tgt Ion: 117 Resp: 12212
 Ion Ratio Lower Upper
 117 100
 119 6.3 78.1 117.1#
 121 0.0 24.6 36.8#

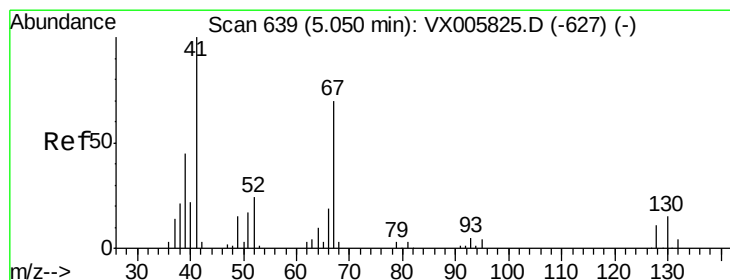
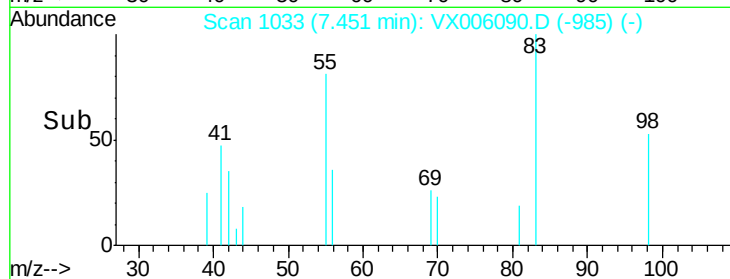
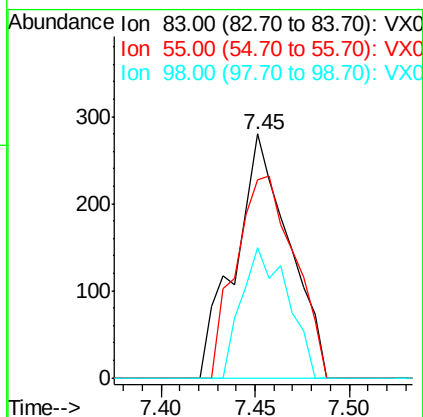
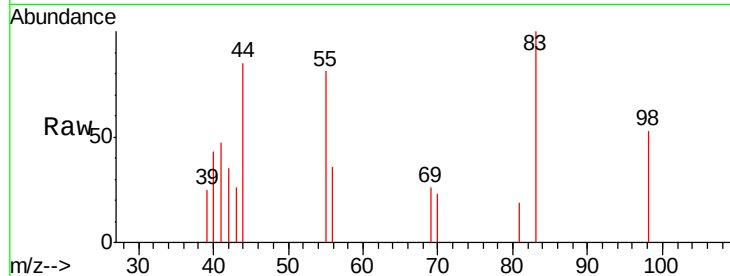




#39
Methylcyclohexane
Concen: 0.29 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

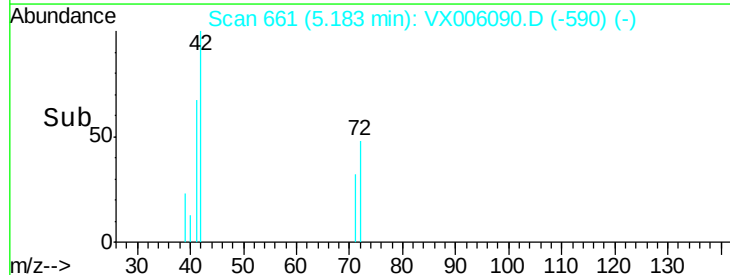
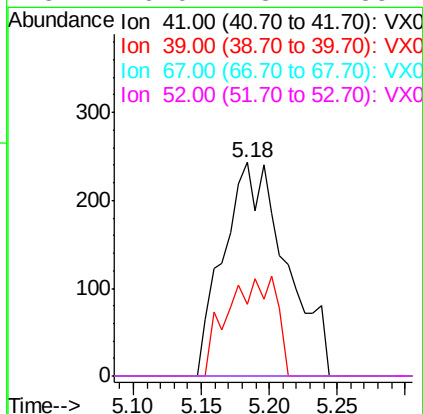
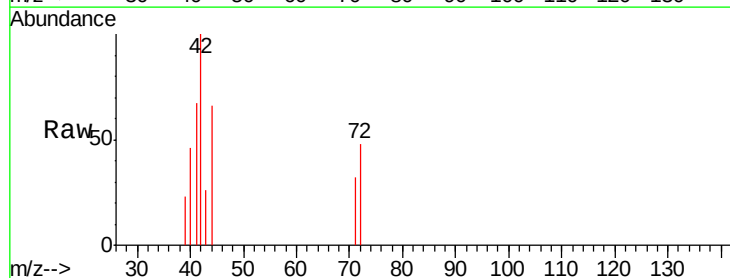
Instrument :
MSVOA_X
ClientSampled :
VB44949

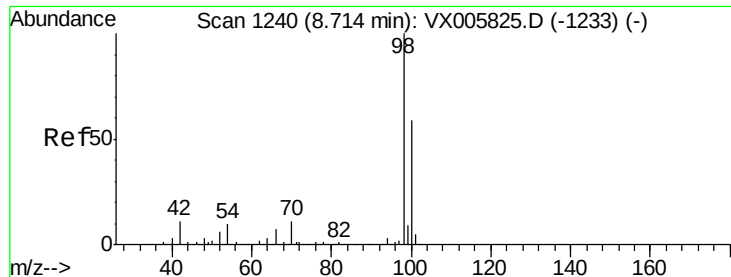
Tgt Ion: 83 Resp: 554
Ion Ratio Lower Upper
83 100
55 81.4 63.7 95.5
98 53.2 36.2 54.2



#41
Methacrylonitrile
Concen: 0.58 ug/l
RT: 5.18 min Scan# 661
Delta R.T. 0.13 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion: 41 Resp: 783
Ion Ratio Lower Upper
41 100
39 36.5 42.2 63.2#
67 0.0 53.4 80.0#
52 0.0 23.4 35.2#

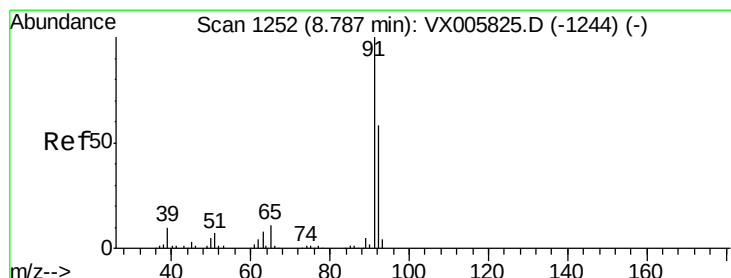
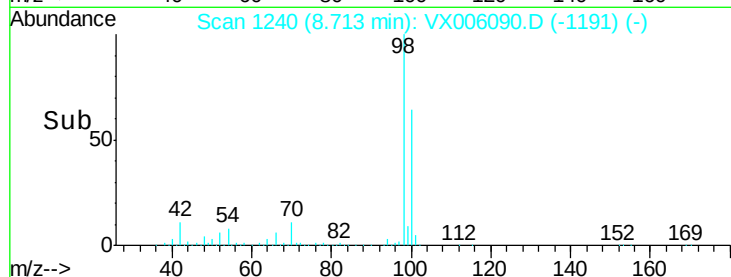
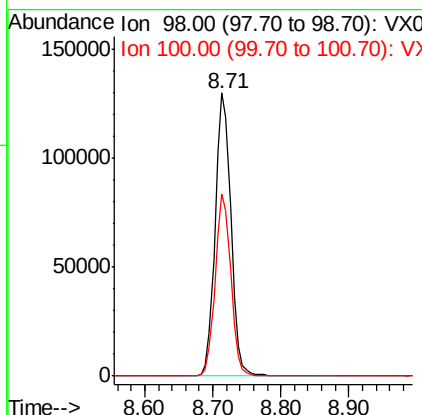
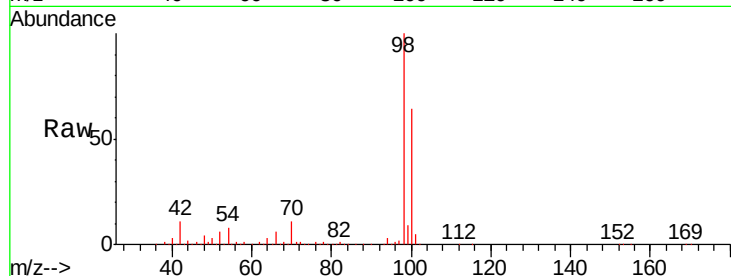




#50
Toluene-d8
Concen: 46.67 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

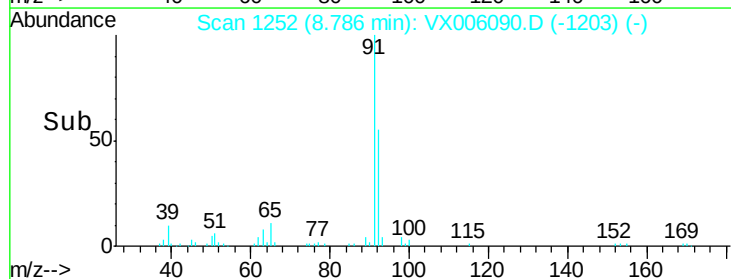
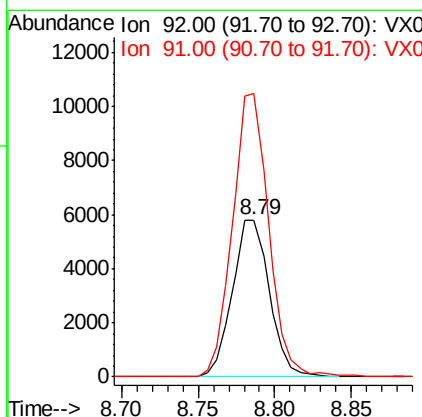
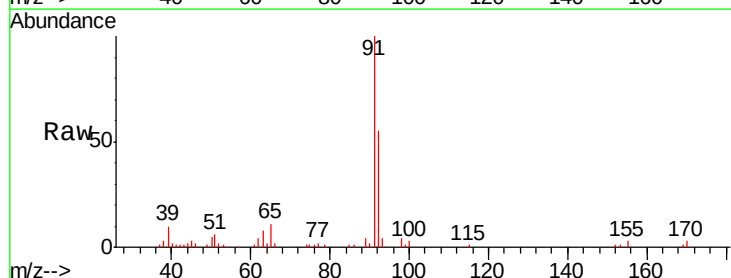
Instrument :
MSVOA_X
ClientSampled :
VB44949

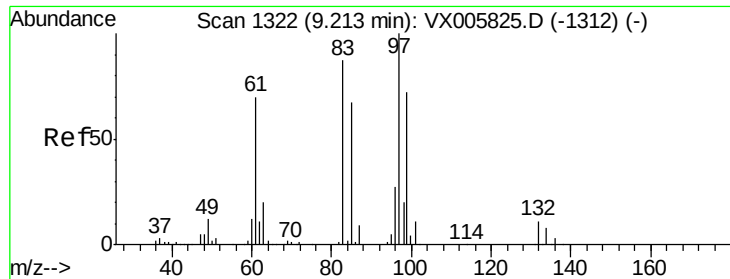
Tgt Ion: 98 Resp: 209509
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#52
Toluene
Concen: 3.13 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion: 92 Resp: 9768
Ion Ratio Lower Upper
92 100
91 176.0 140.4 210.6

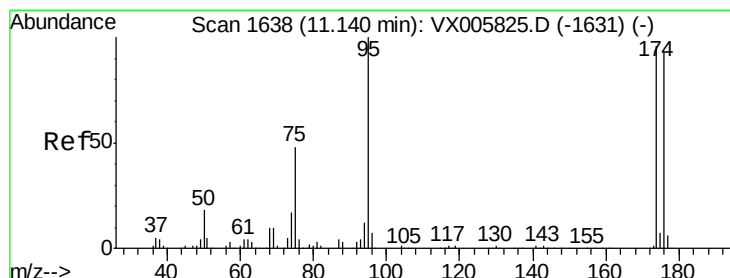
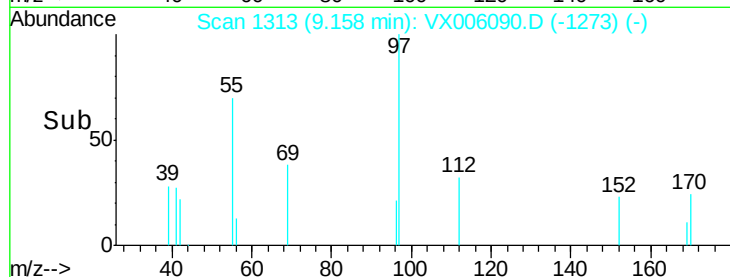
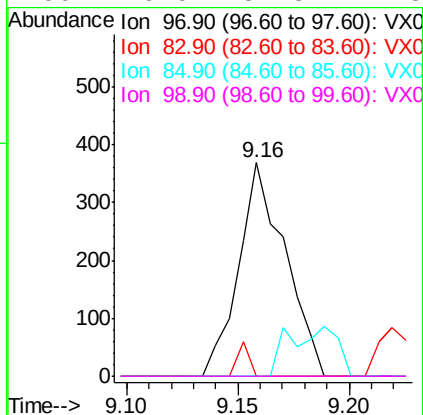
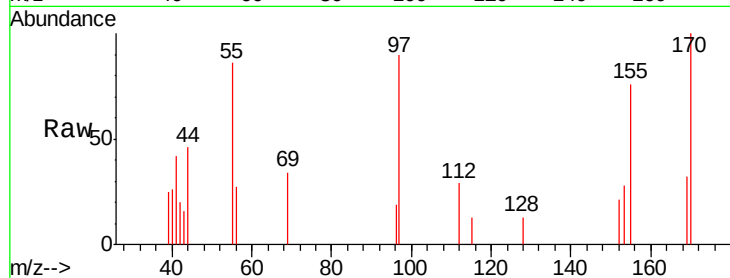




#55
 1,1,2-Trichloroethane
 Concen: 0.39 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.06 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

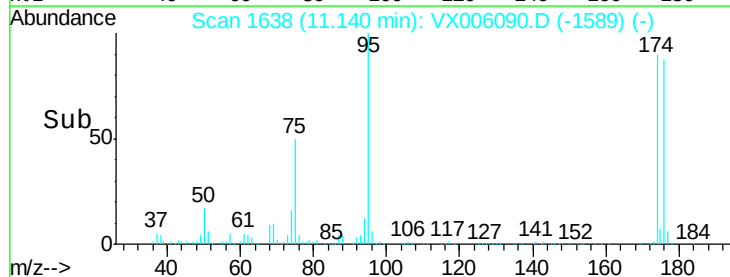
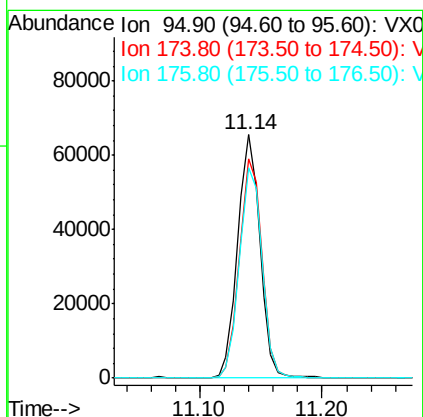
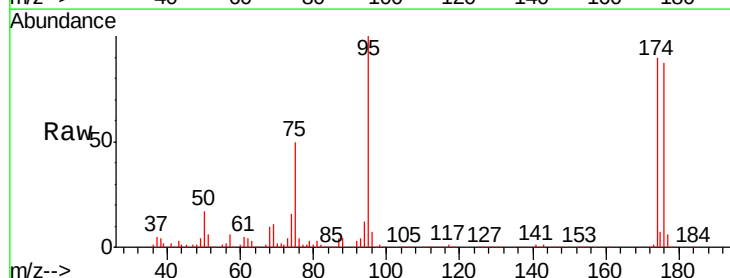
Instrument :
 MSVOA_X
 ClientSampled :
 VB44949

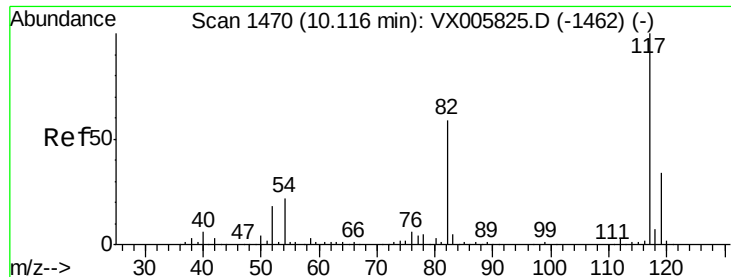
Tgt Ion: 97 Resp: 537
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.7 106.1#
 85 0.0 45.8 68.6#
 99 0.0 51.8 77.8#



#62
 4-Bromofluorobenzene
 Concen: 51.31 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

Tgt Ion: 95 Resp: 82813
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 184.4
 176 87.7 0.0 177.4

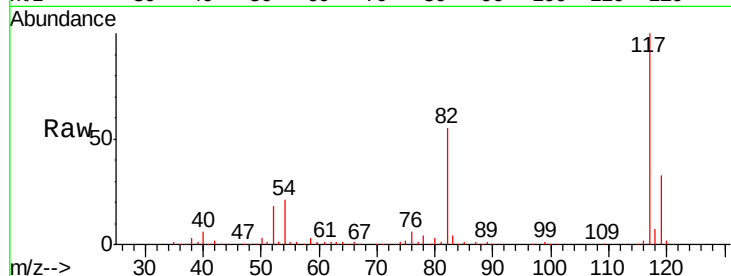




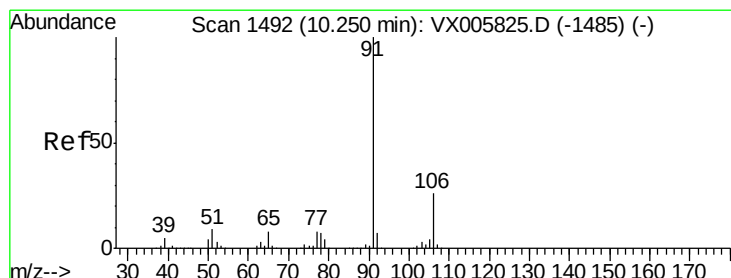
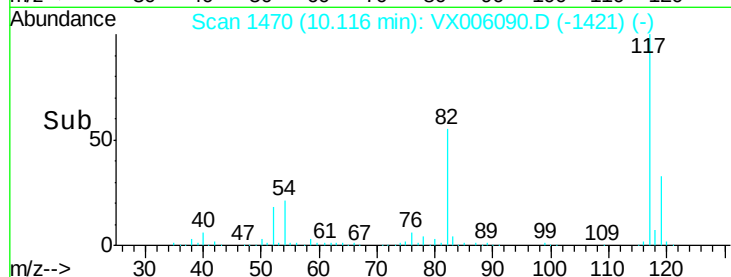
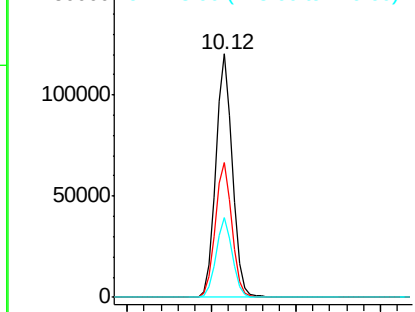
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Instrument :
MSVOA_X
ClientSampleId :
VB44949

Tgt Ion: 117 Resp: 164908
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.6 26.2 39.2

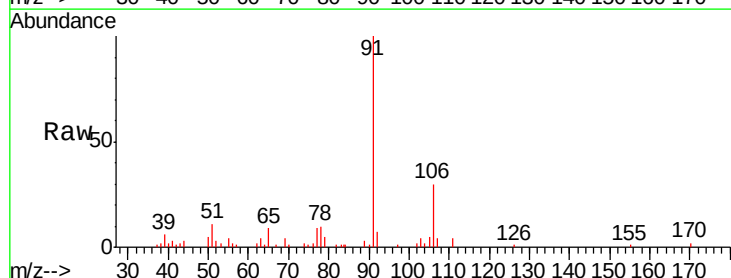


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

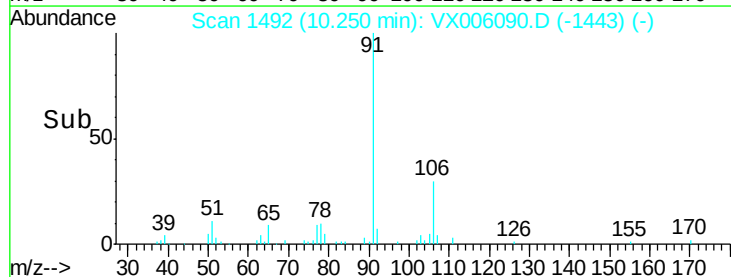
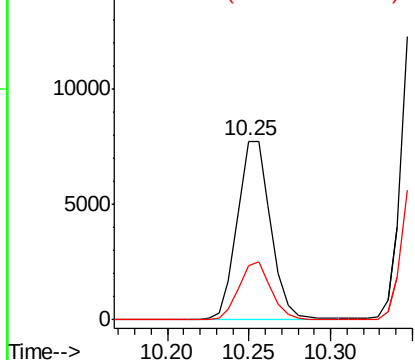


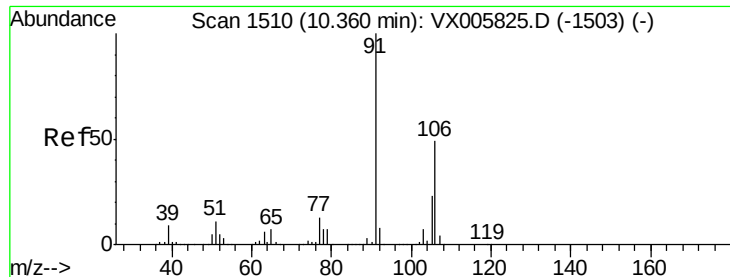
#67
Ethyl Benzene
Concen: 2.10 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion: 91 Resp: 11102
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



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

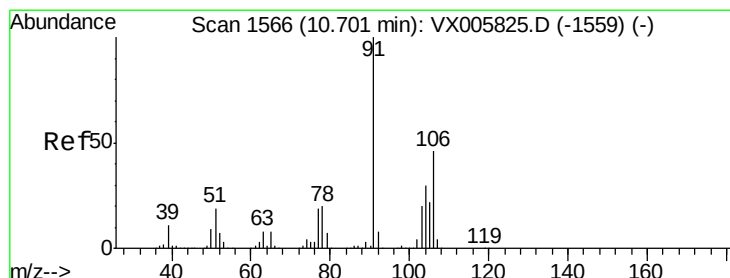
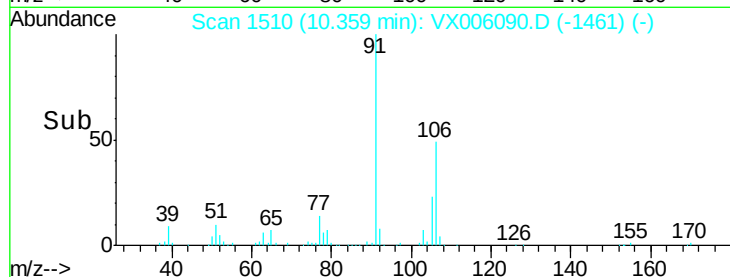
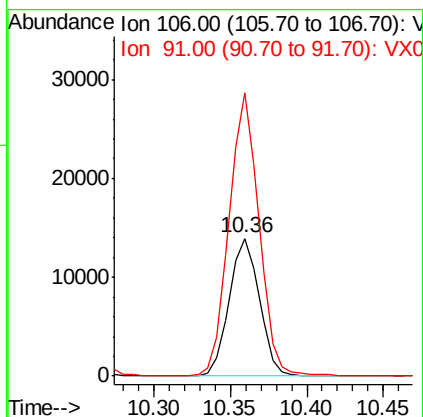
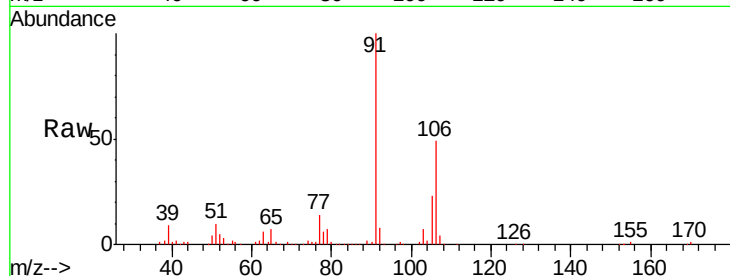




#68
m/p-Xylenes
Concen: 9.46 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

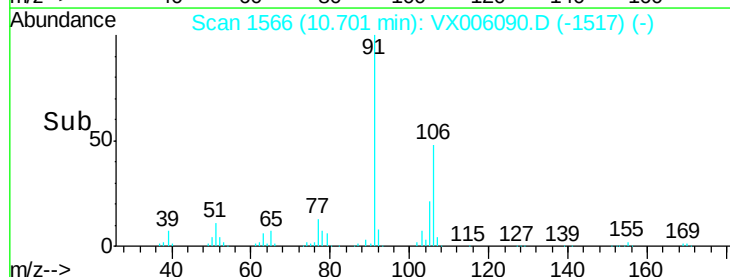
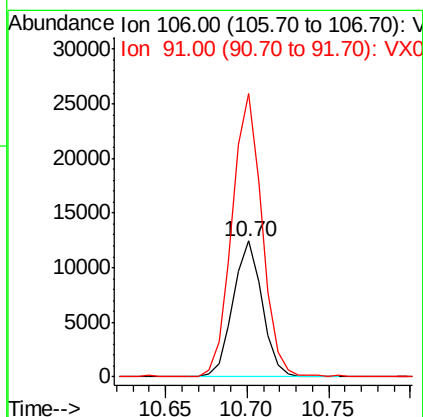
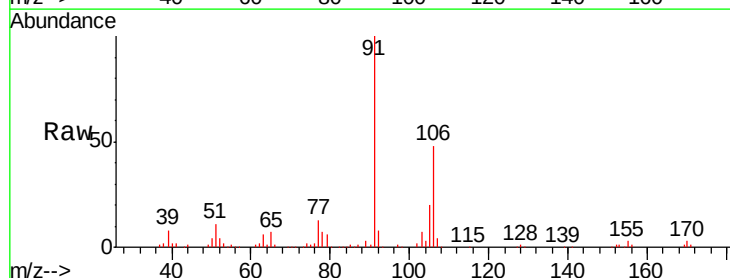
Instrument :
MSVOA_X
ClientSampleId :
VB44949

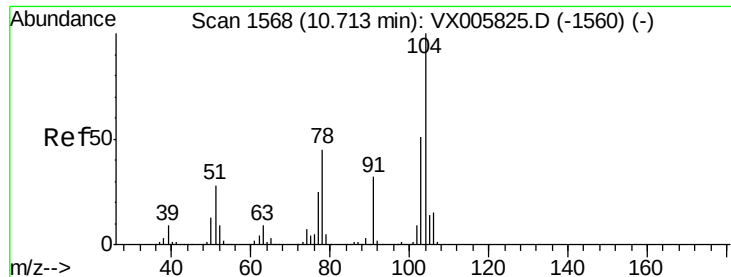
Tgt Ion:106 Resp: 19124
Ion Ratio Lower Upper
106 100
91 203.1 164.2 246.4



#69
o-Xylene
Concen: 8.50 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion:106 Resp: 15401
Ion Ratio Lower Upper
106 100
91 213.7 108.5 325.5





#70

Styrene

Concen: 0.35 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

VB44949

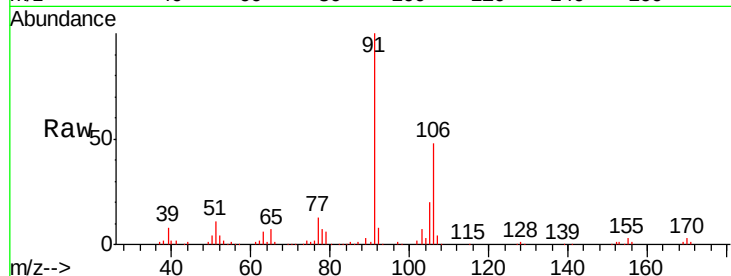
Tgt Ion:104 Resp: 1041

Ion Ratio Lower Upper

104 100

78 223.6 40.2 60.4#

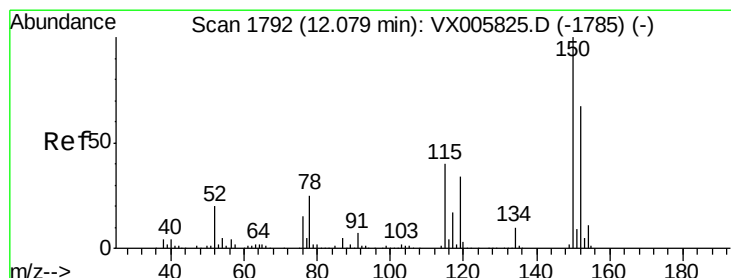
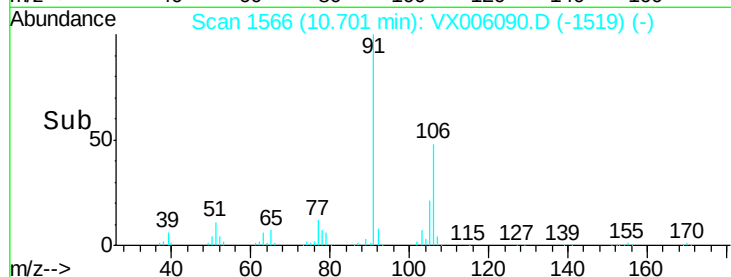
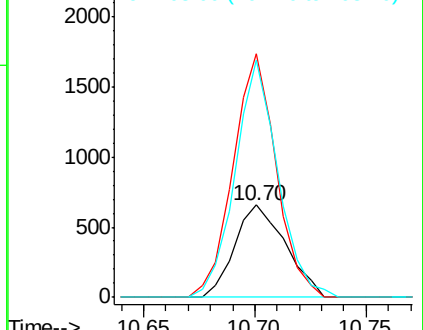
103 217.6 44.9 67.3#



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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

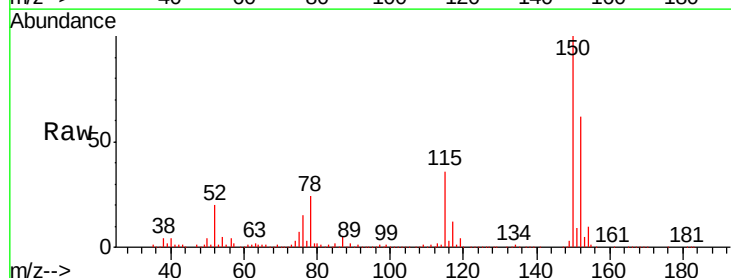
Tgt Ion:152 Resp: 90950

Ion Ratio Lower Upper

152 100

115 57.2 39.4 118.1

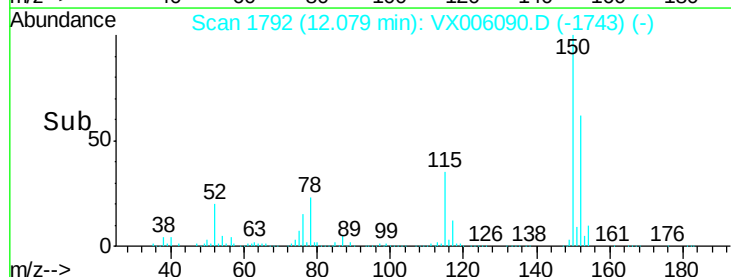
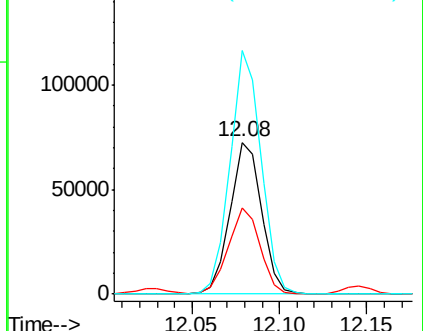
150 158.6 0.0 346.4

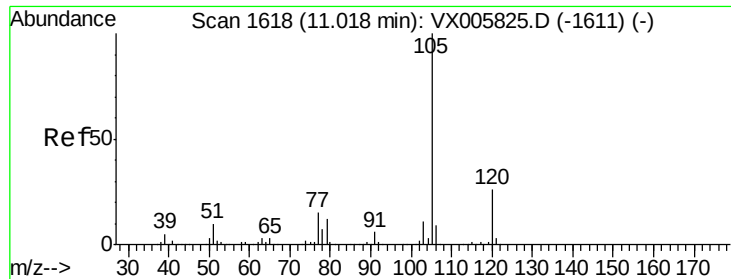


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

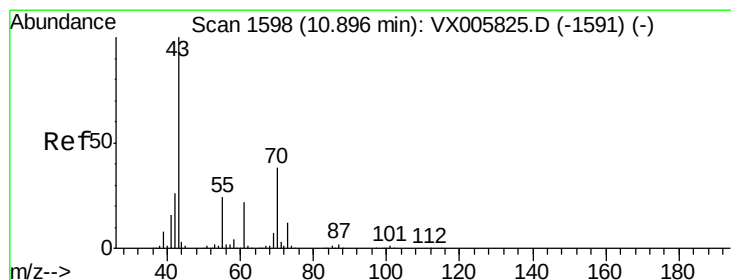
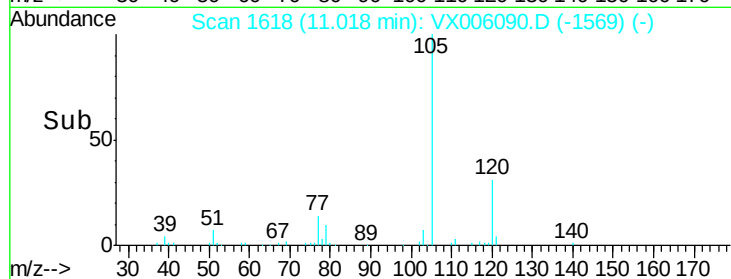
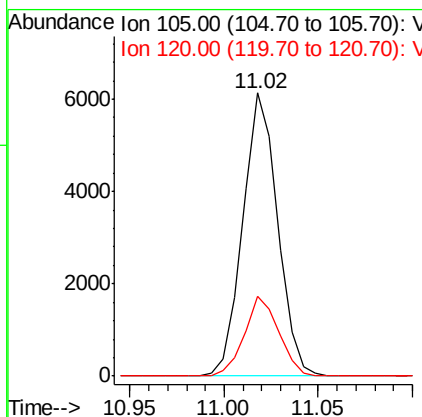
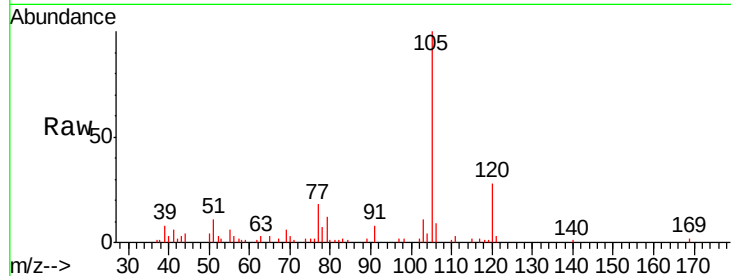




#73
Isopropylbenzene
Concen: 1.50 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

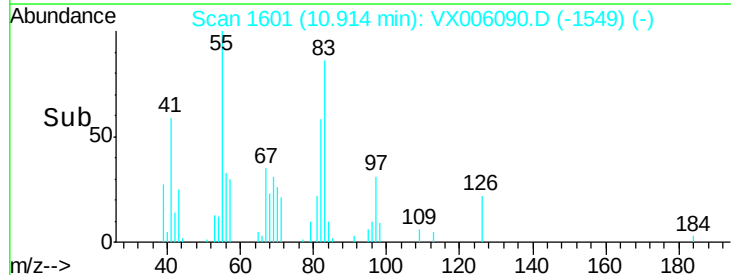
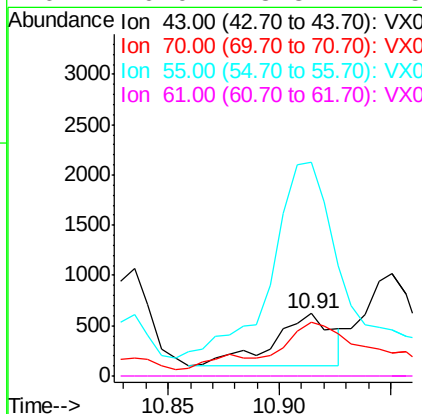
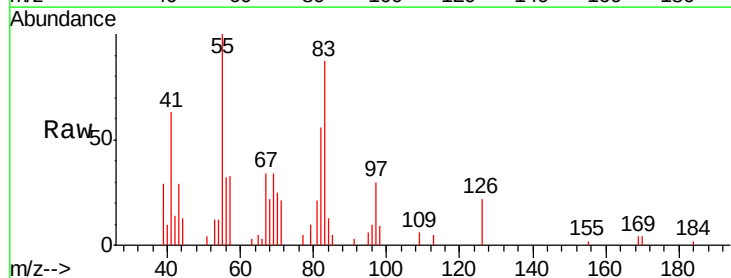
Instrument :
MSVOA_X
ClientSampleId :
VB44949

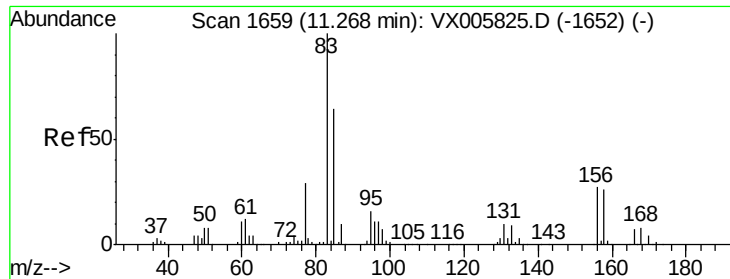
Tgt Ion: 105 Resp: 7865
Ion Ratio Lower Upper
105 100
120 27.9 13.1 39.3



#74
N-ethyl acetate
Concen: 1.57 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.02 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
70 104.0 31.6 47.4#
55 450.3 19.7 29.5#
61 0.0 18.3 27.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.44 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampled :

VB44949

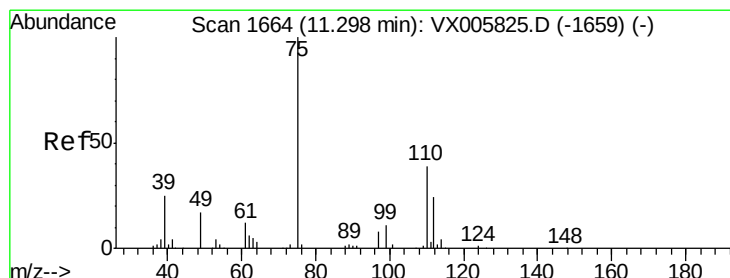
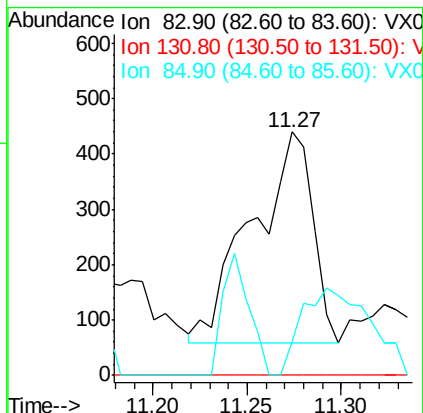
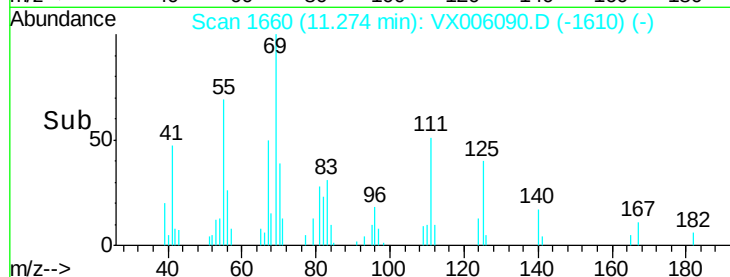
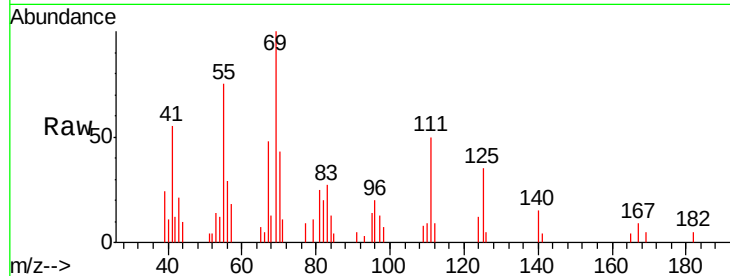
Tgt Ion: 83 Resp: 848

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 46.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 0.84 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX006090.D

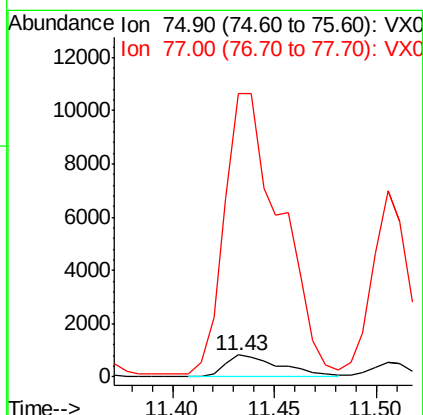
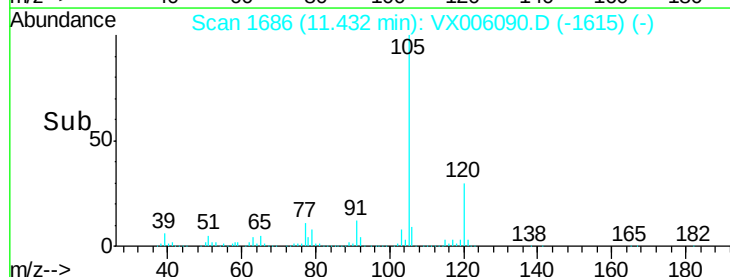
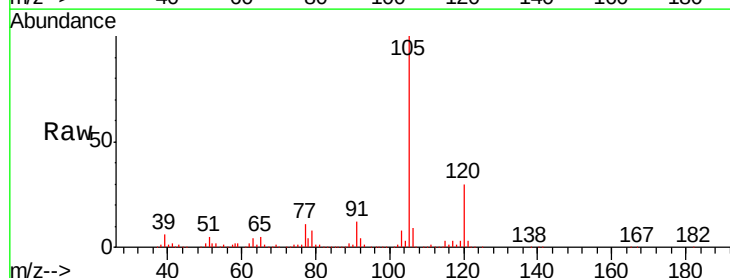
Acq: 19 Nov 2018 14:47

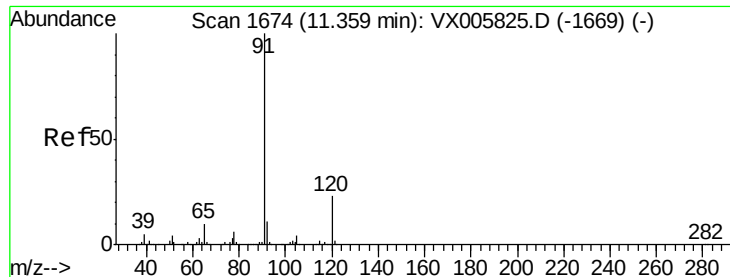
Tgt Ion: 75 Resp: 1559

Ion Ratio Lower Upper

75 100

77 1298.8 20.5 61.6#





#78

n-propylbenzene

Concen: 4.80 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

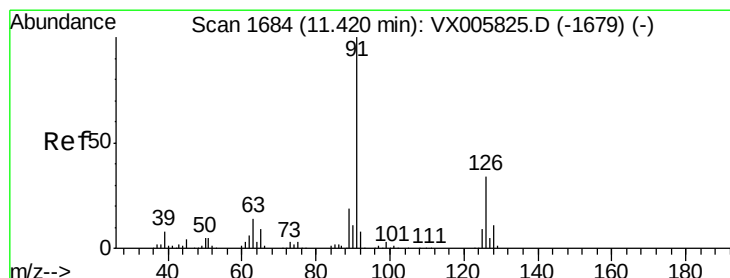
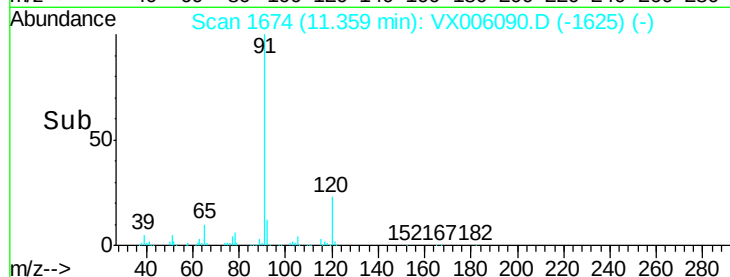
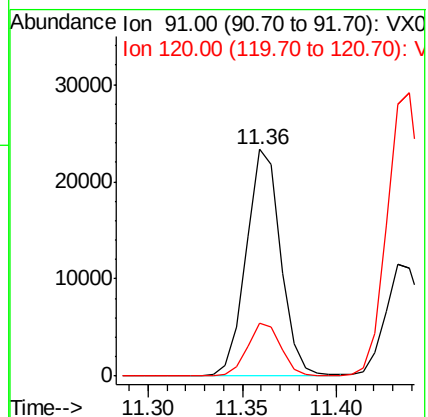
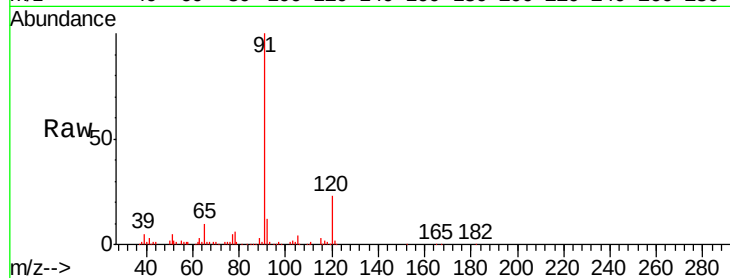
VB44949

Tgt Ion: 91 Resp: 29780

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.5



#79

2-Chlorotoluene

Concen: 5.61 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006090.D

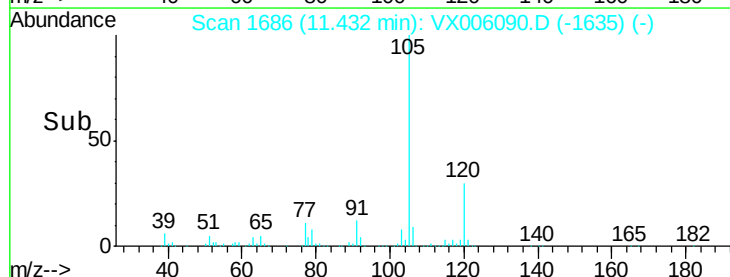
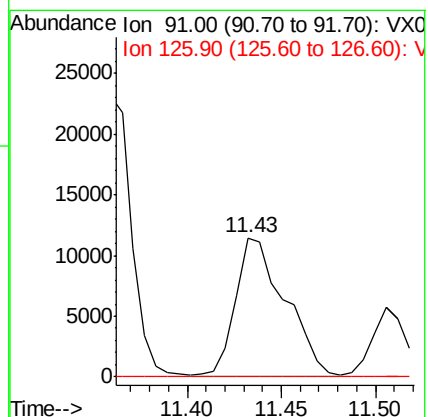
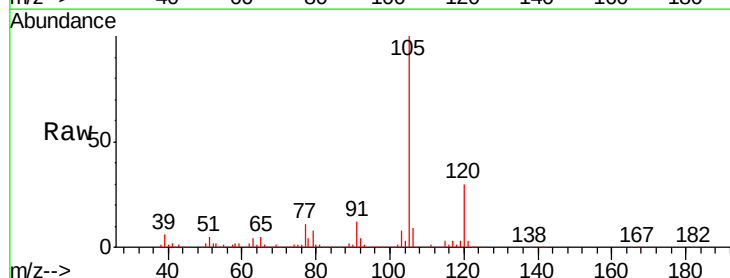
Acq: 19 Nov 2018 14:47

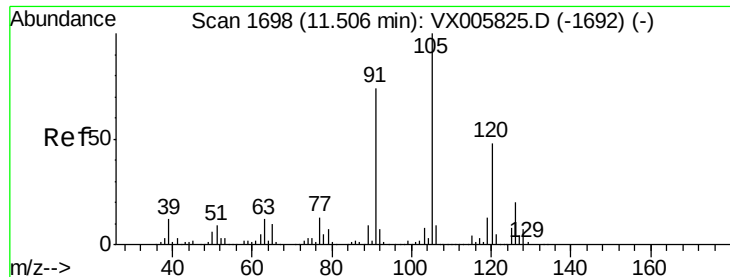
Tgt Ion: 91 Resp: 21015

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#

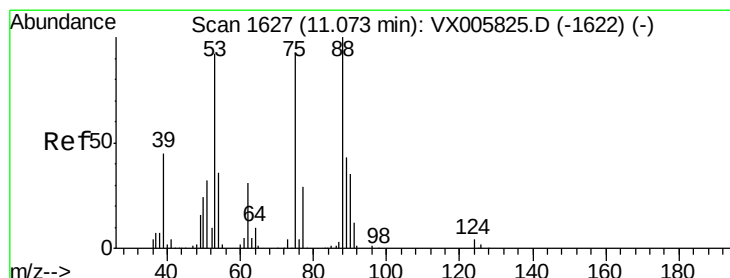
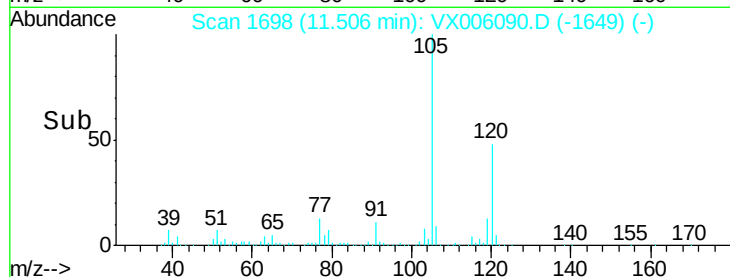
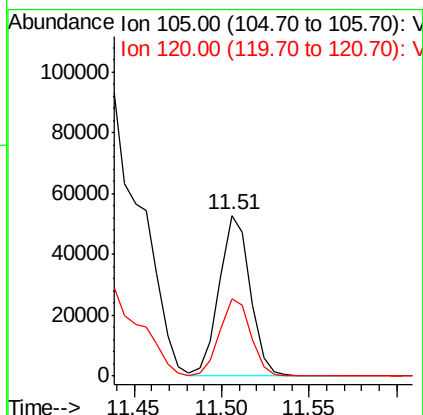
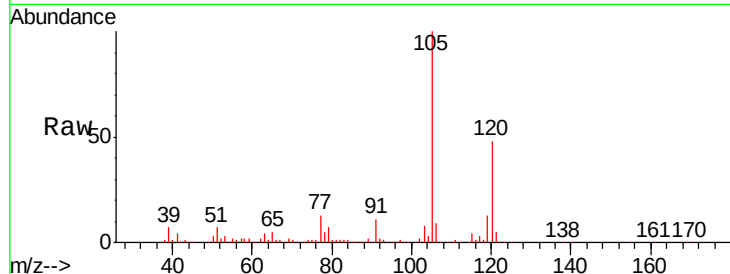




#80
 1,3,5-Trimethylbenzene
 Concen: 14.53 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

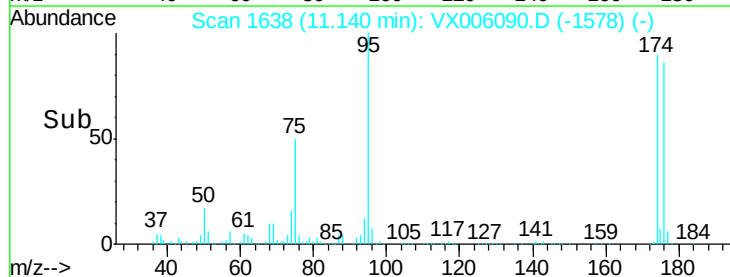
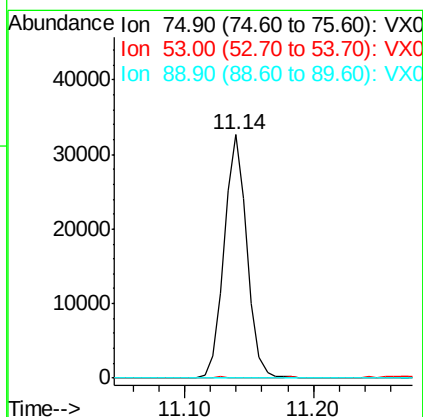
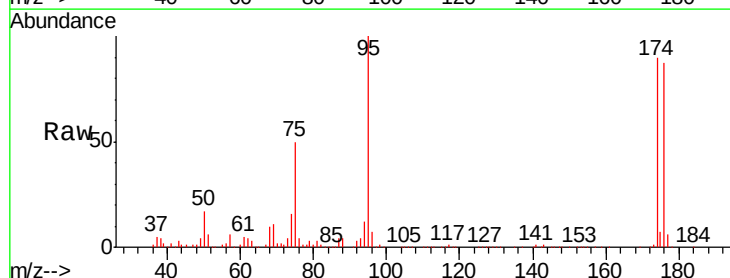
Instrument :
 MSVOA_X
 ClientSampled :
 VB44949

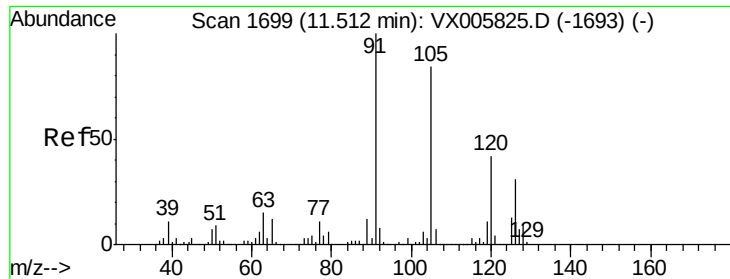
Tgt Ion: 105 Resp: 64955
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.03 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

Tgt Ion: 75 Resp: 40694
 Ion Ratio Lower Upper
 75 100
 53 0.8 80.2 120.2#
 89 0.0 39.8 59.8#





#82

4-Chlorotoluene

Concen: 1.59 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampled :

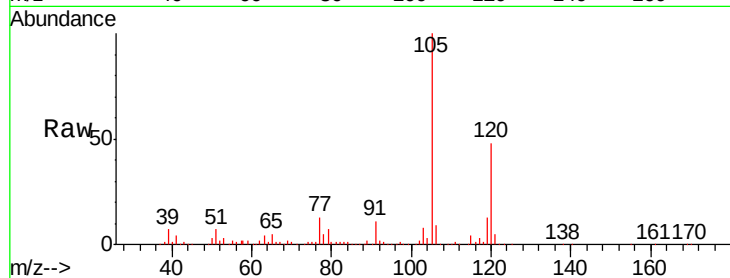
VB44949

Tgt Ion: 91 Resp: 6999

Ion Ratio Lower Upper

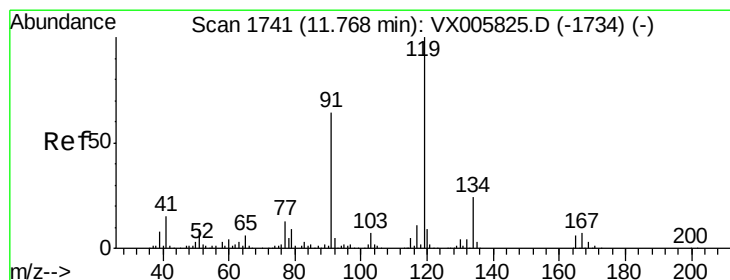
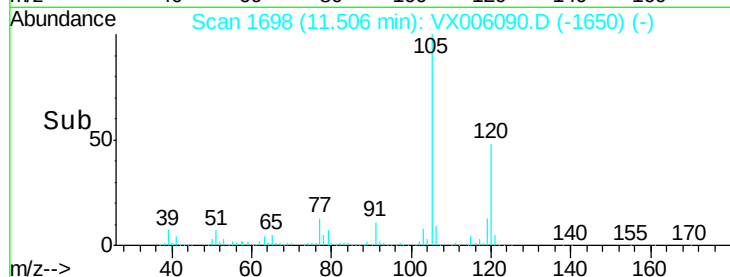
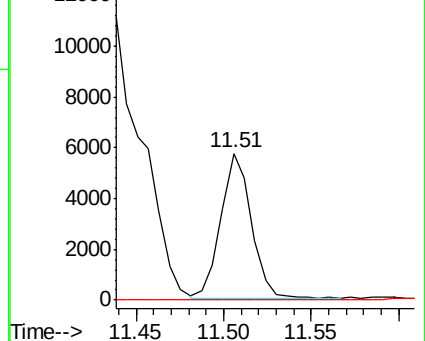
91 100

126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 1.31 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

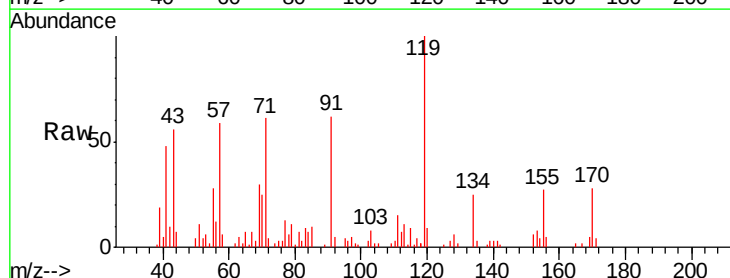
Tgt Ion: 119 Resp: 5926

Ion Ratio Lower Upper

119 100

91 65.2 28.5 85.5

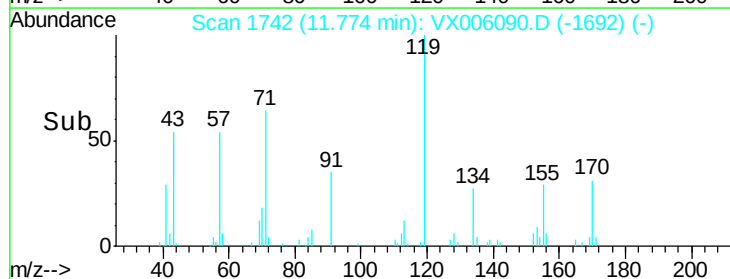
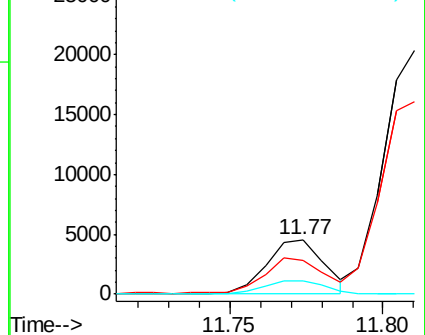
134 26.4 11.3 33.8

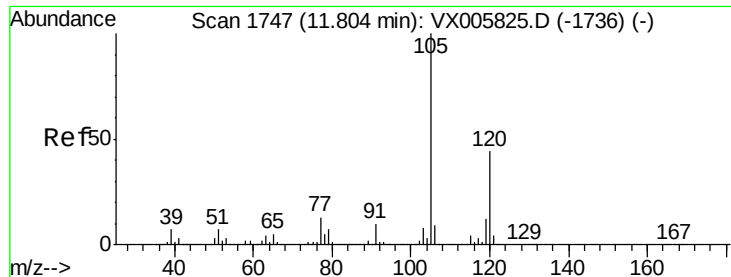


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

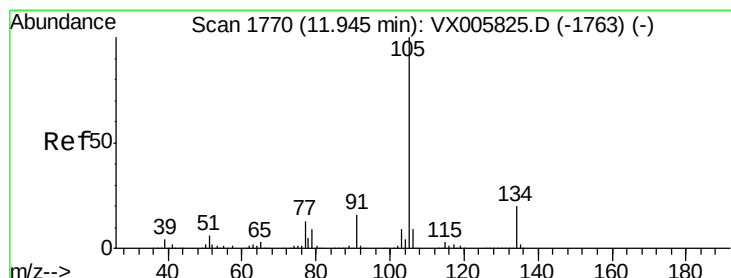
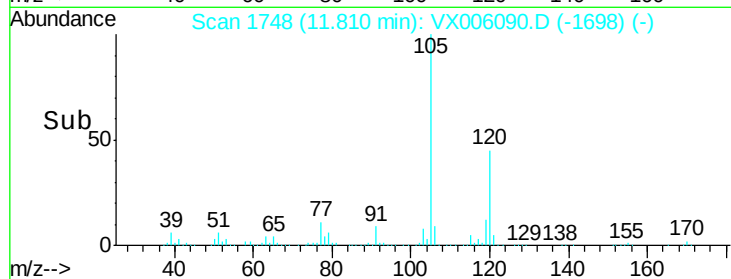
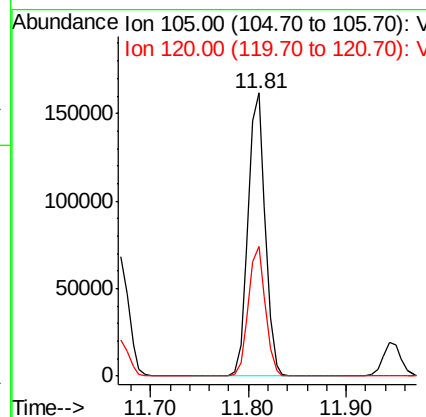
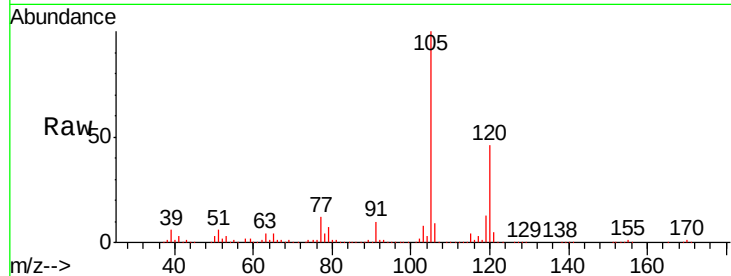




#84
 1,2,4-Trimethylbenzene
 Concen: 39.81 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

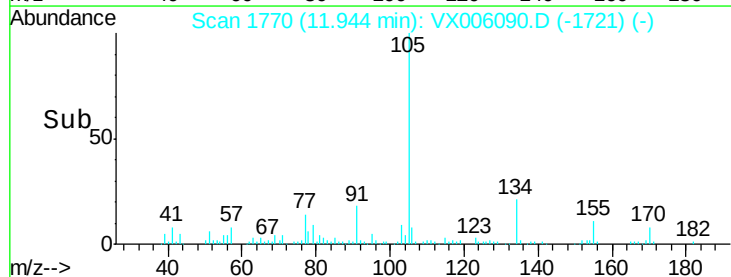
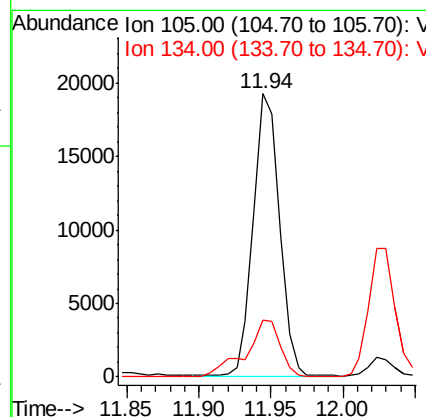
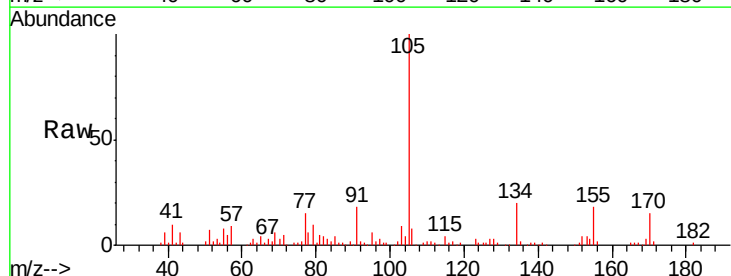
Instrument :
 MSVOA_X
 ClientSampleID :
 VB44949

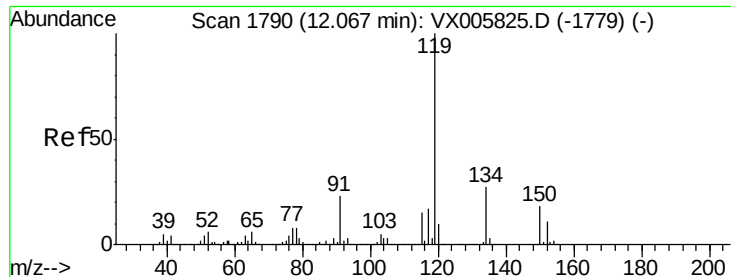
Tgt Ion:105 Resp: 196500
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 4.36 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

Tgt Ion:105 Resp: 24135
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.2 30.4

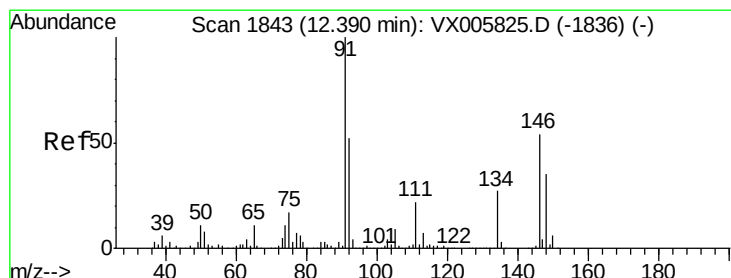
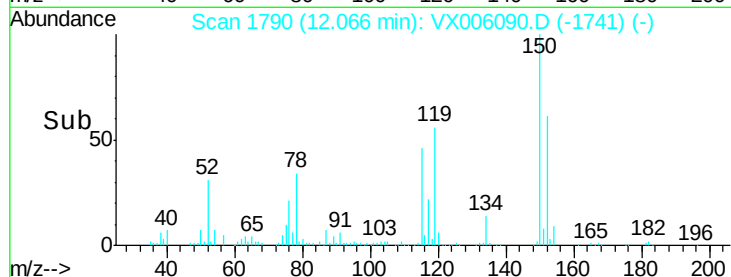
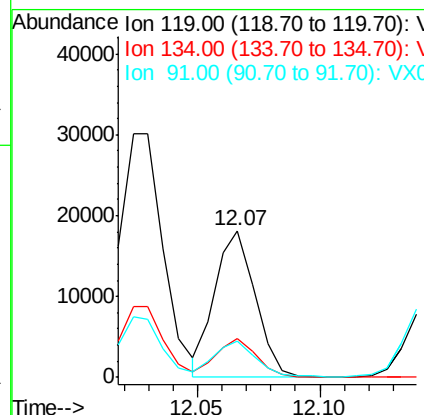
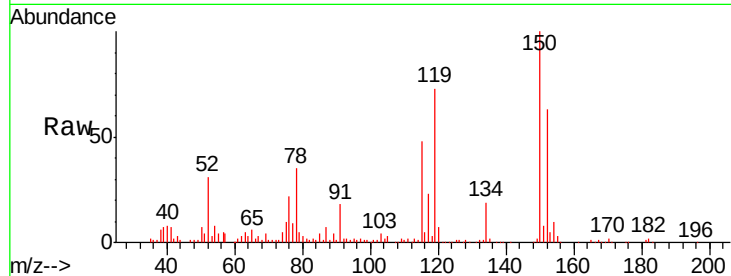




#86
p-Isopropyltoluene
Concen: 4.27 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

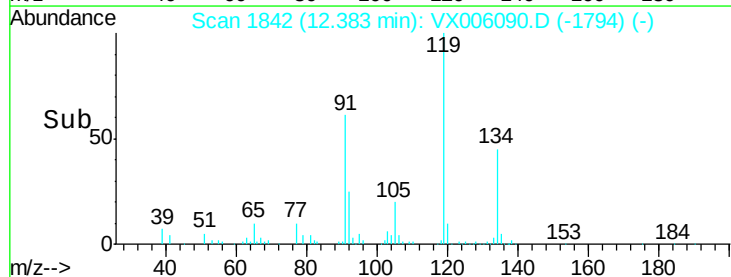
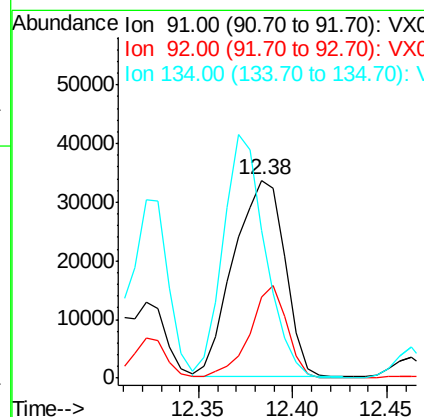
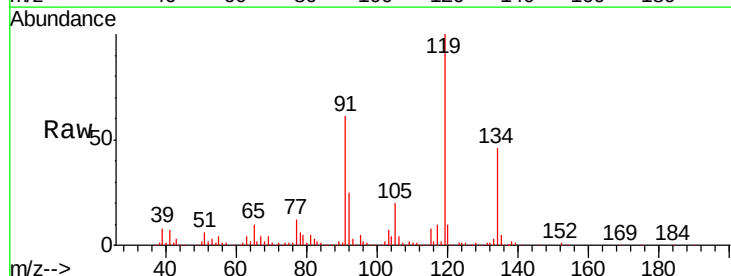
Instrument :
MSVOA_X
ClientSampled :
VB44949

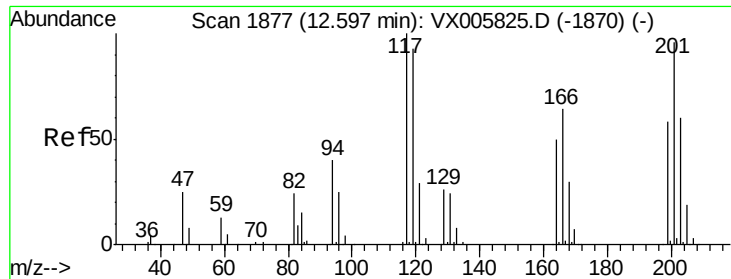
Tgt Ion: 119 Resp: 20918
Ion Ratio Lower Upper
119 100
134 26.2 13.0 39.0
91 24.0 11.4 34.2



#89
n-Butylbenzene
Concen: 13.95 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion: 91 Resp: 63327
Ion Ratio Lower Upper
91 100
92 34.7 26.1 78.2
134 101.3 13.1 39.3#





#90

Hexachloroethane

Concen: 7.18 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

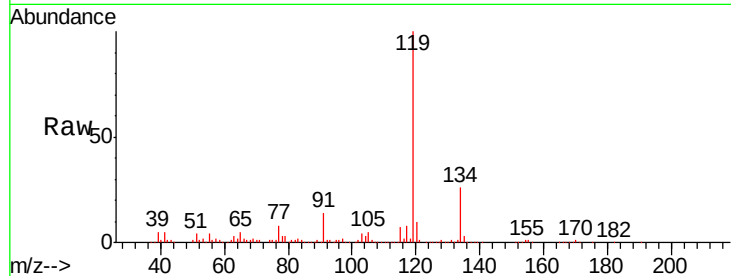
VB44949

Tgt Ion:117 Resp: 5872

Ion Ratio Lower Upper

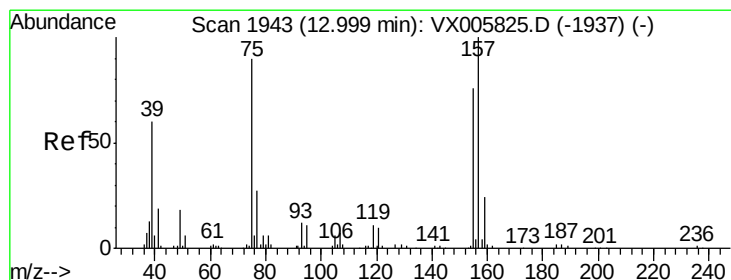
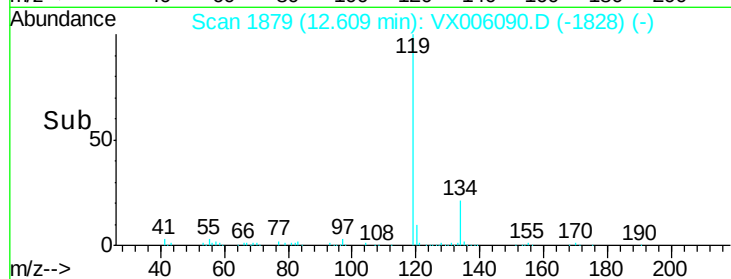
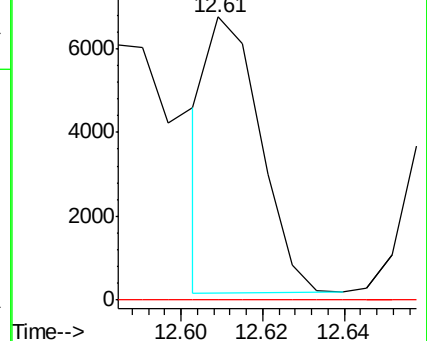
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.95 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

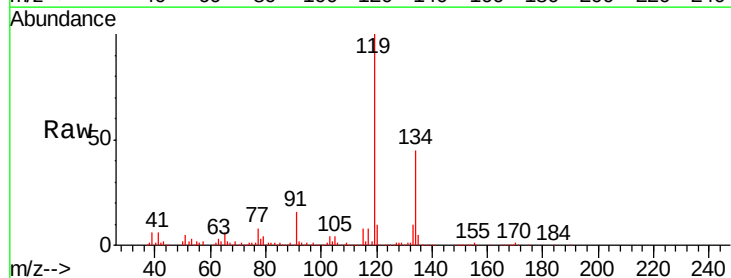
Tgt Ion: 75 Resp: 920

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

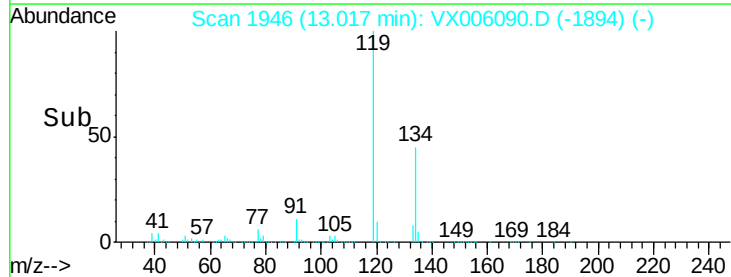
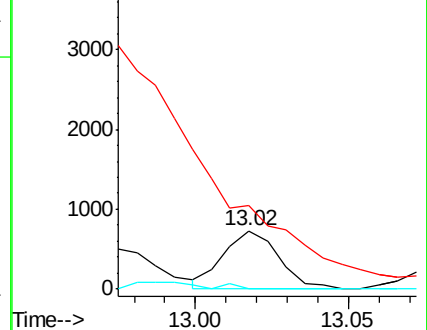
157 0.0 57.4 172.0#

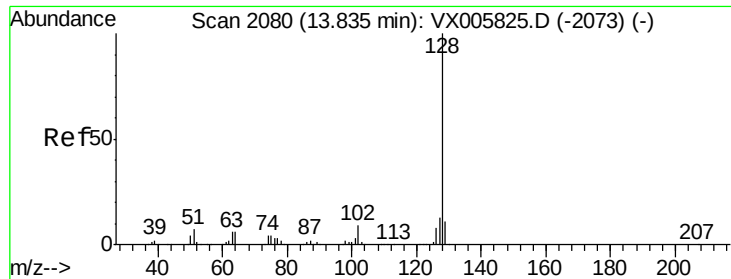


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 11.71 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

VB44949

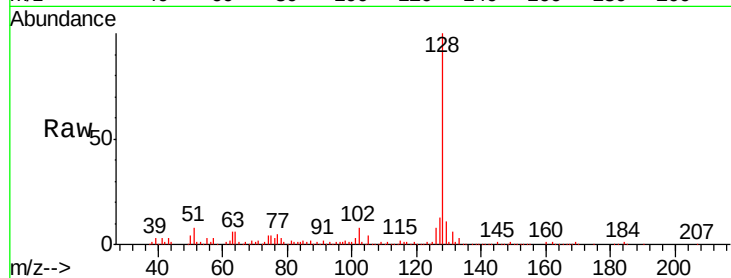
Tgt Ion:128 Resp: 70591

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 14.9 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

