

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073118\
 Data File : VX003752.D
 Acq On : 31 Jul 2018 16:09
 Operator : JC/SP
 Sample : J4121-03
 Misc : 11.52G/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)

Quant Time: Aug 01 01:27:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	6845	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	9954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	7666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	3198	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	3277	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
35) Dibromofluoromethane	5.50	113	2980	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
50) Toluene-d8	8.72	98	11465	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.14	95	3034	33.67	ug/l	0.00
Spiked Amount			Recovery	=	67.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	86	1.18	ug/l #	42
5) Bromomethane	1.66	94	179	2.31	ug/l	91
6) Chloroethane	1.77	64	800	15.49	ug/l #	70
10) Methyl Iodide	2.53	142	128	1.71	ug/l #	43
16) Acetone	2.45	43	1477	55.86	ug/l	100
17) Carbon Disulfide	2.58	76	1189	5.97	ug/l	97
20) Methylene Chloride	2.87	84	271	0.76	ug/l #	75
25) 2-Butanone	4.70	43	269	6.98	ug/l #	49
26) 2,2-Dichloropropane	4.69	77	105	1.17	ug/l #	51
31) Cyclohexane	5.67	56	73	0.66	ug/l #	30
36) 1,1-Dichloropropene	5.66	75	454	4.87	ug/l #	41
37) Ethyl Acetate	4.70	43	269	3.76	ug/l #	68
38) Carbon Tetrachloride	5.67	117	613	7.11	ug/l #	12
55) 1,1,2-Trichloroethane	9.33	97	113	1.97	ug/l #	15
57) 1,3-Dichloropropane	9.18	76	67	0.70	ug/l #	1
67) Ethyl Benzene	10.26	91	78	0.29	ug/l #	43
68) m/p-Xylenes	10.36	106	99	0.94	ug/l	79
76) 1,2,3-Trichloropropane	11.14	75	1554	35.25	ug/l #	33
78) n-propylbenzene	11.36	91	97	0.40	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.51	105	141	0.83	ug/l	78
81) trans-1,4-Dichloro-2-buten	11.14	75	1554	104.42	ug/l #	11
82) 4-Chlorotoluene	11.51	91	87	0.52	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.81	105	170	0.97	ug/l	98
85) sec-Butylbenzene	11.94	105	112	0.52	ug/l #	56
86) p-Isopropyltoluene	12.07	119	88	0.45	ug/l #	38
87) 1,3-Dichlorobenzene	12.02	146	71	0.67	ug/l #	25
88) 1,4-Dichlorobenzene	12.10	146	119	1.10	ug/l #	25
89) n-Butylbenzene	12.40	91	90	0.48	ug/l #	59
92) 1,2-Dibromo-3-Chloropropan	12.82	75	20	1.94	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	166	2.13	ug/l #	58
94) Hexachlorobutadiene	13.78	225	64	1.28	ug/l #	19
95) Naphthalene	13.83	128	881	5.29	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.02	180	118	1.67	ug/l #	61

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ClientSampleId :
SB-8(3-5)

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

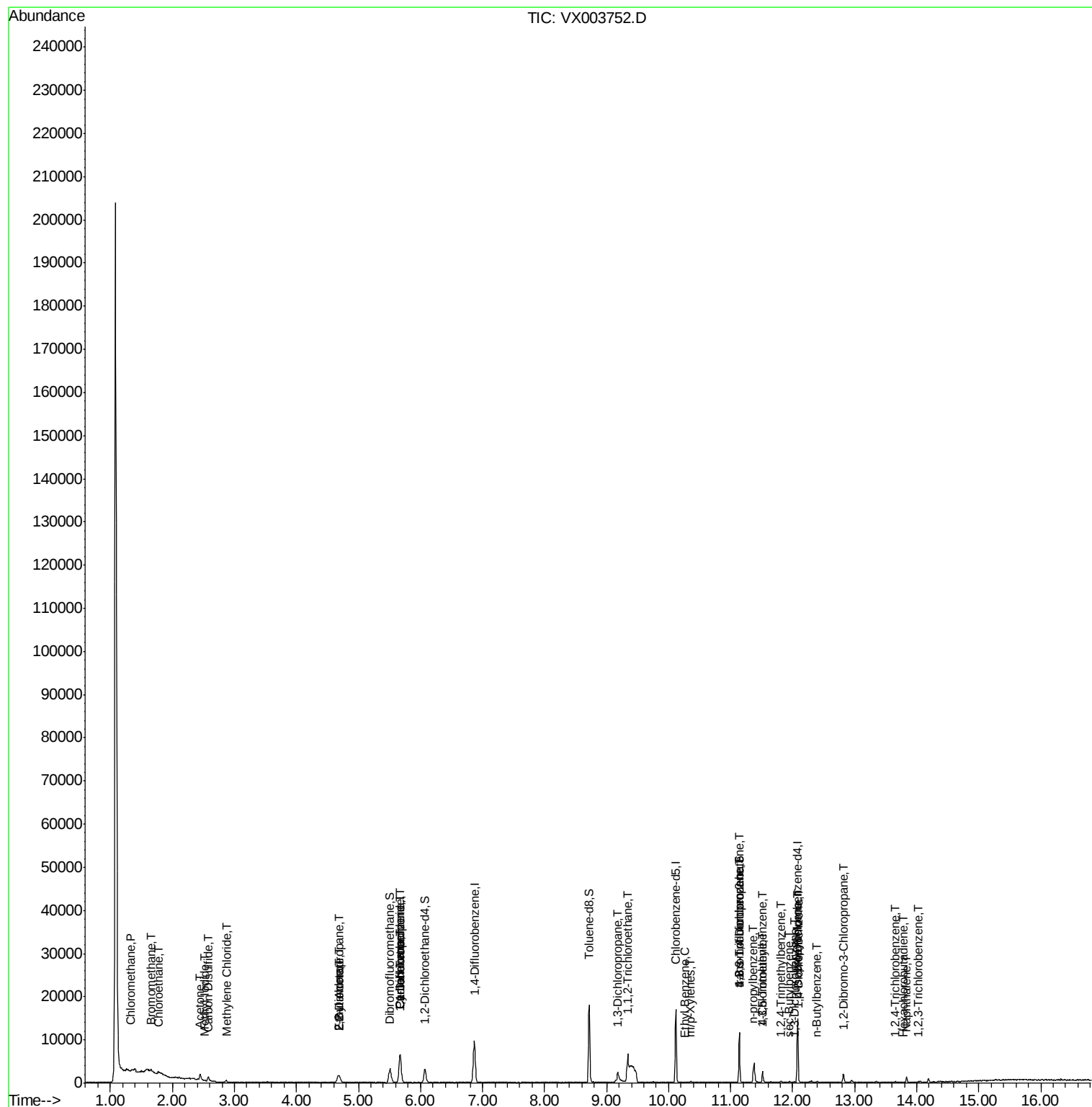
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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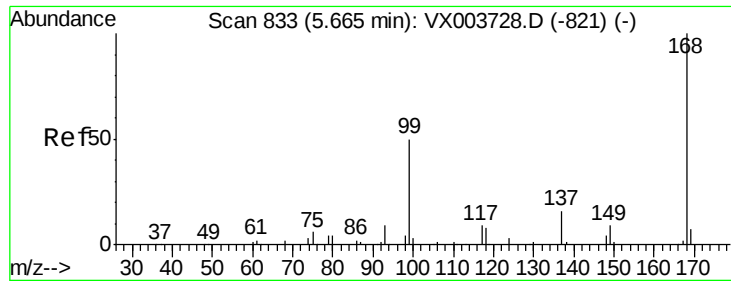
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

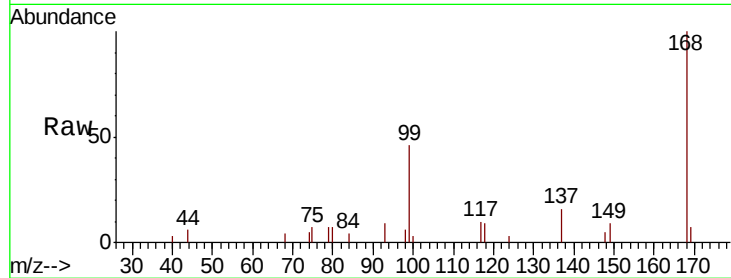
SB-8(3-5)

Tot Ion:168 Resp: 6845

Ion Ratio Lower Upper

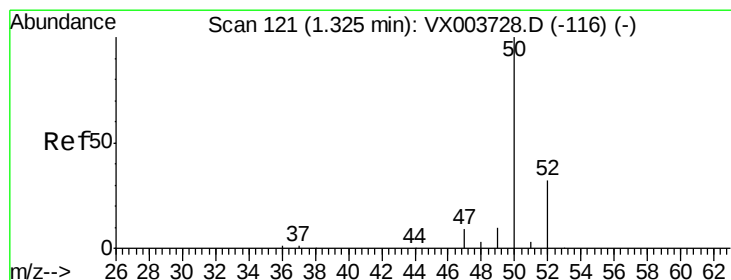
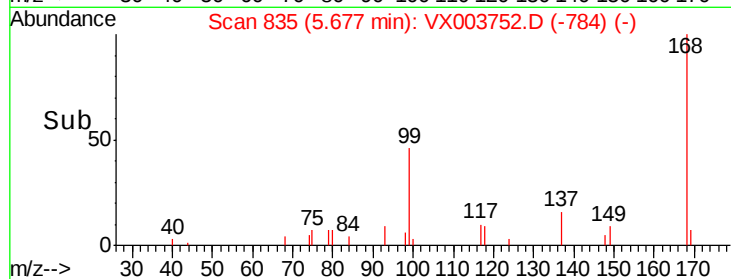
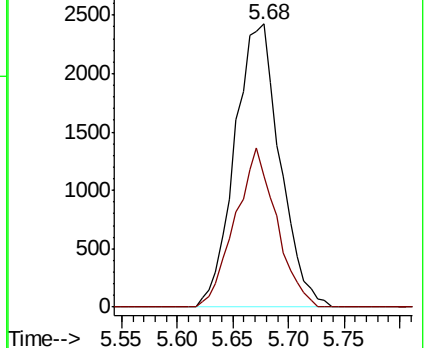
168 100

99 46.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.18 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003752.D

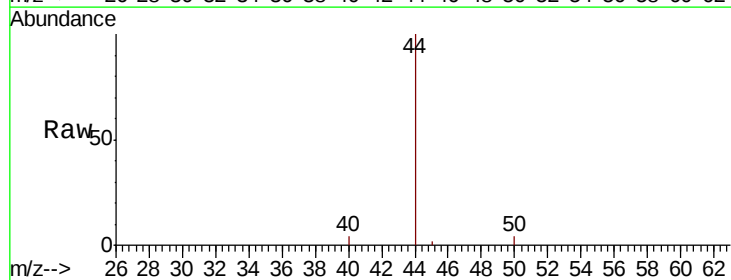
Acq: 31 Jul 2018 16:09

Tgt Ion: 50 Resp: 86

Ion Ratio Lower Upper

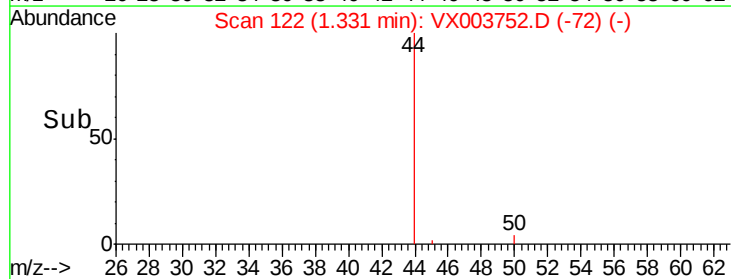
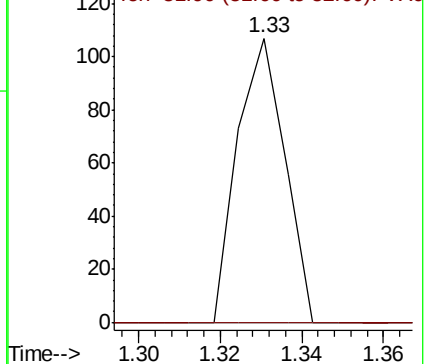
50 100

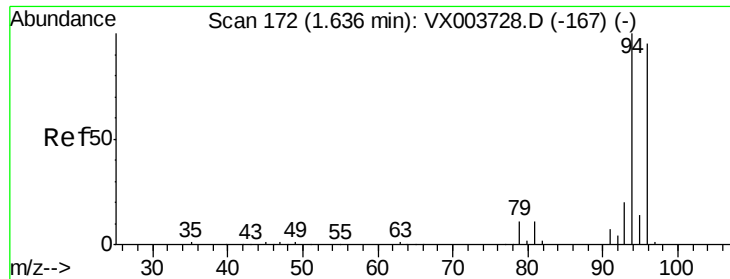
52 0.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 2.31 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

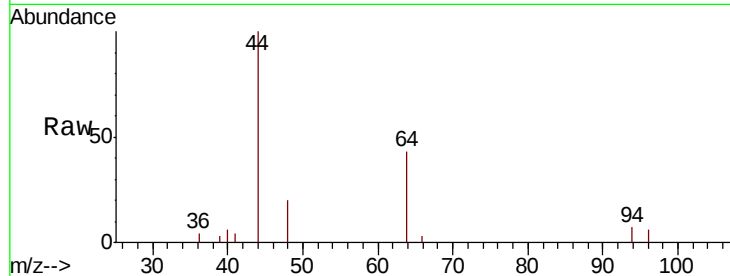
SB-8(3-5)

Tot Ion: 94 Resp: 179

Ion Ratio Lower Upper

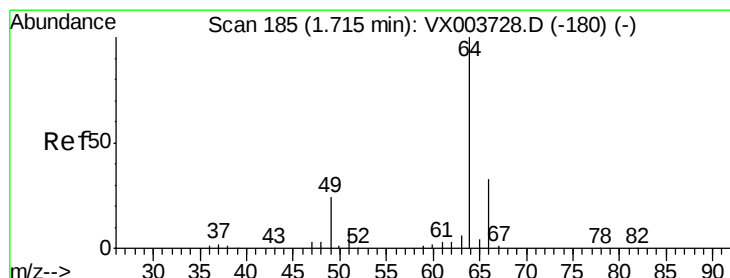
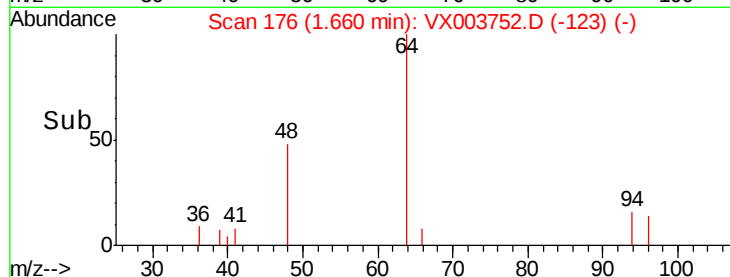
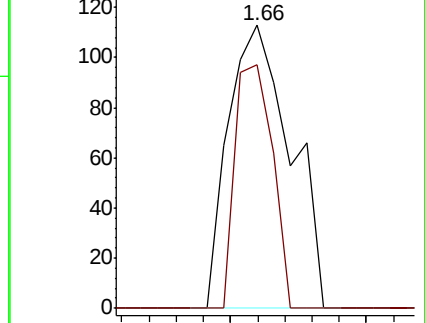
94 100

96 85.8 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 15.49 ug/l

RT: 1.77 min Scan# 194

Delta R.T. 0.06 min

Lab File: VX003752.D

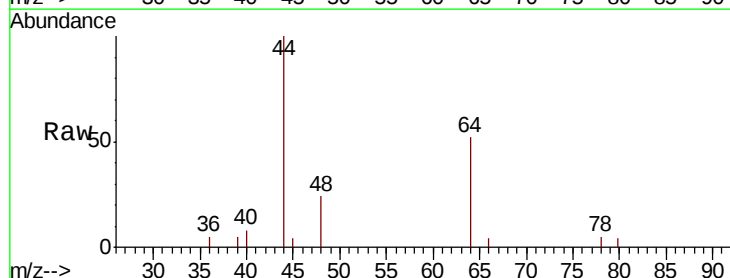
Acq: 31 Jul 2018 16:09

Tgt Ion: 64 Resp: 800

Ion Ratio Lower Upper

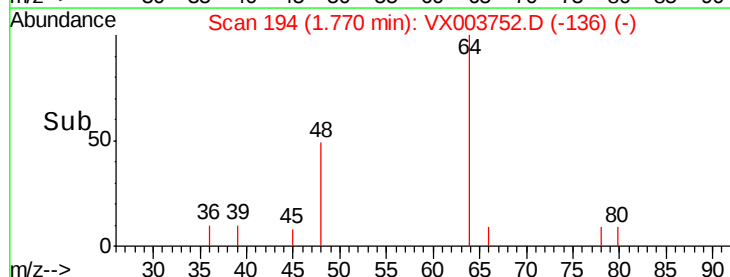
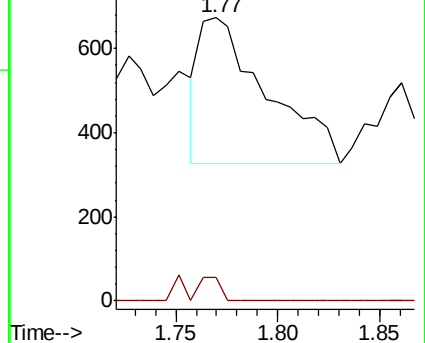
64 100

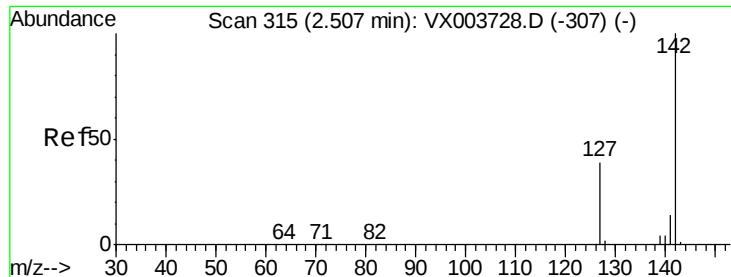
66 16.2 26.4 39.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

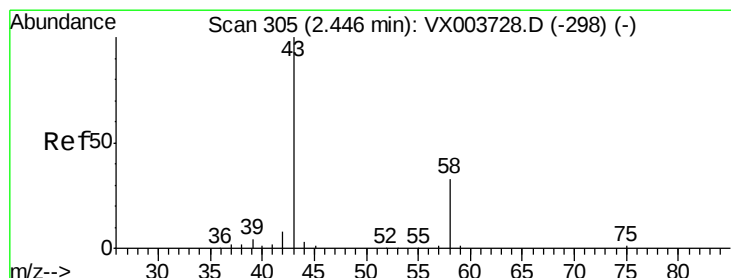
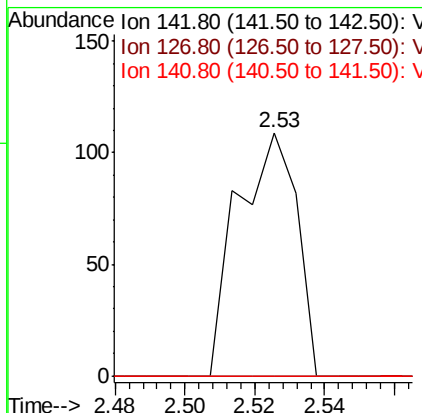
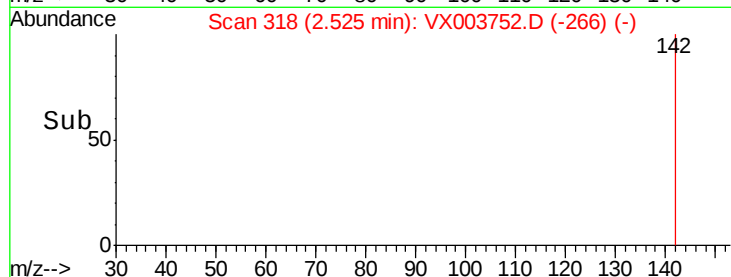
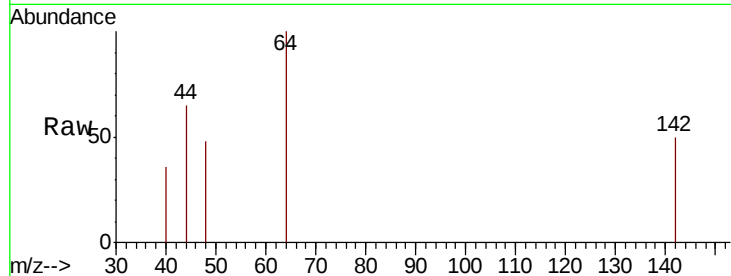




#10
Methvl Iodide
Concen: 1.71 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

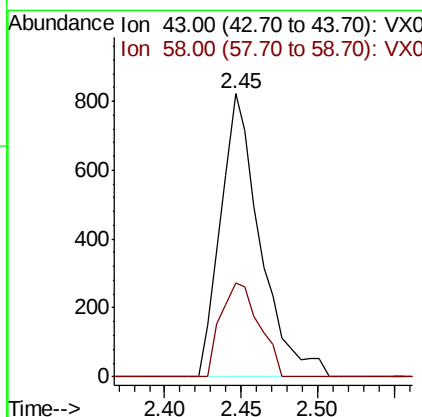
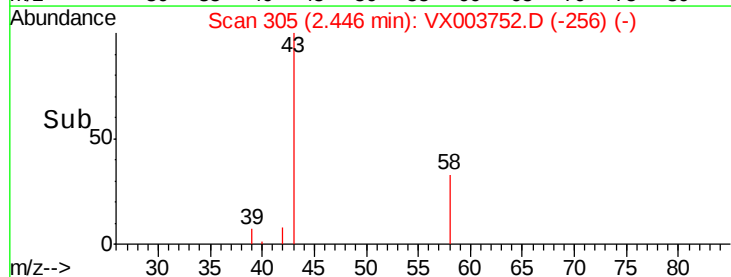
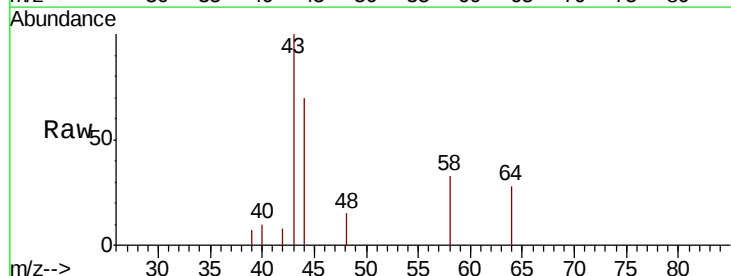
Instrument :
MSVOA_X
ClientSampleId :
SB-8(3-5)

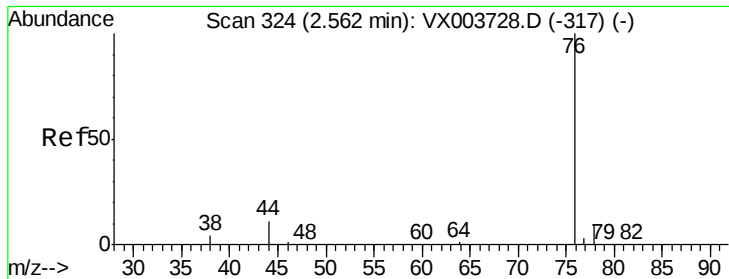
Tot Ion:142 Resp: 128
Ion Ratio Lower Upper
142 100
127 0.0 32.0 48.0#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 55.86 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
58 33.2 26.7 40.1





#17

Carbon Disulfide

Concen: 5.97 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.02 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

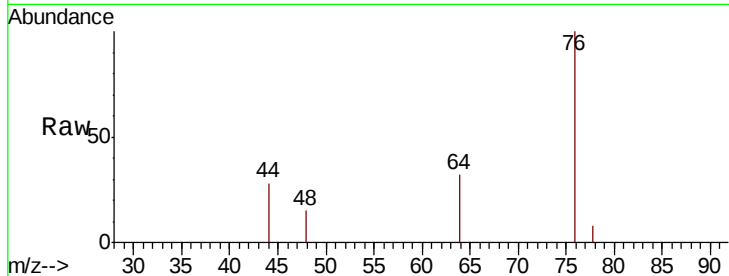
SB-8(3-5)

Tot Ion: 76 Resp: 1189

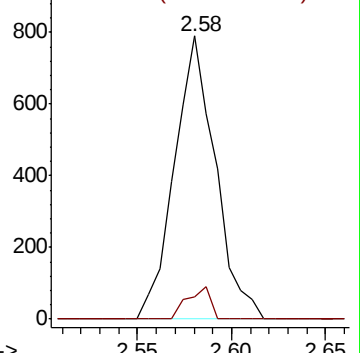
Ion Ratio Lower Upper

76 100

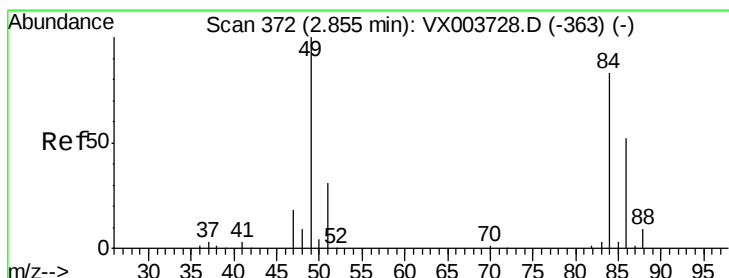
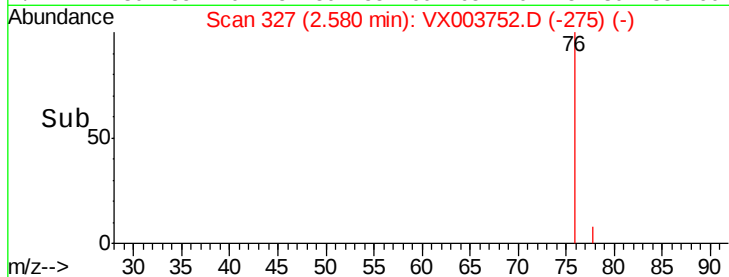
78 7.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0



Time-->



#20

Methylene Chloride

Concen: 0.76 ug/l

RT: 2.87 min Scan# 375

Delta R.T. 0.02 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Tgt Ion: 84 Resp: 271

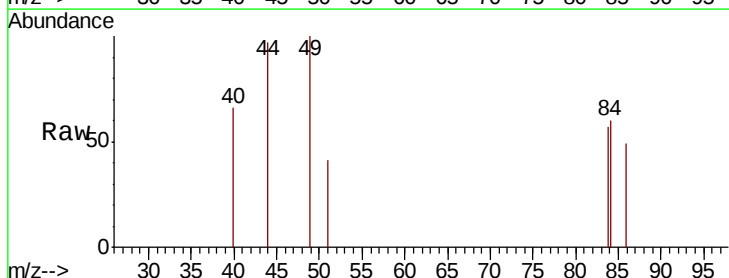
Ion Ratio Lower Upper

84 100

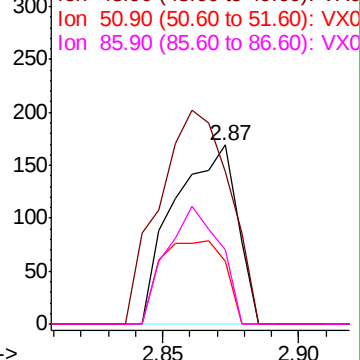
49 85.2 95.8 143.8#

51 34.9 29.6 44.4

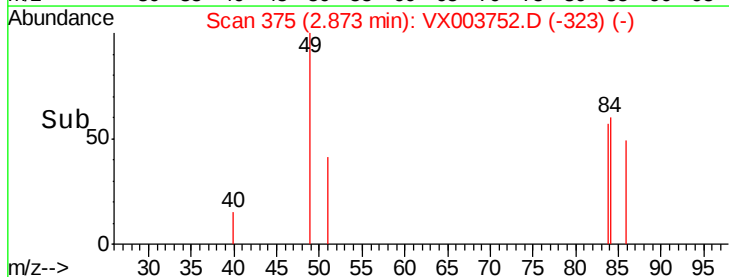
86 41.4 50.0 75.0#

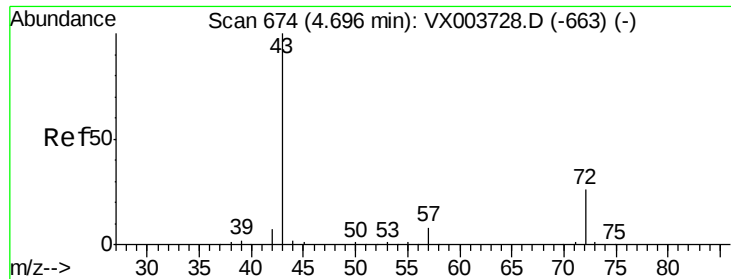


Abundance Ion 83.90 (83.60 to 84.60): VX0



Time-->





#25

2-Butanone

Concen: 6.98 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

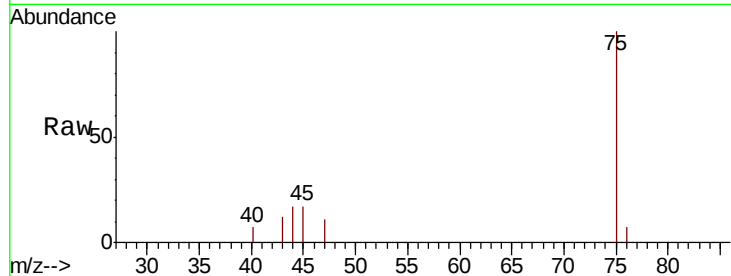
SB-8(3-5)

Tot Ion: 43 Resp: 269

Ion Ratio Lower Upper

43 100

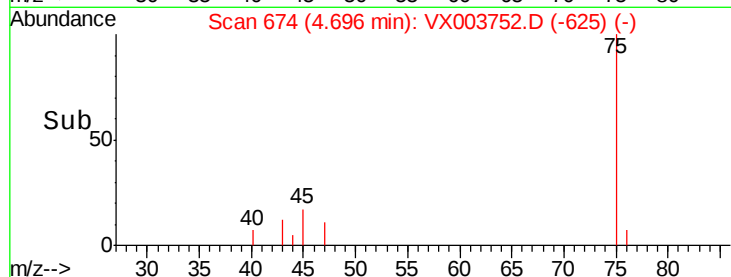
72 0.0 20.9 31.3#



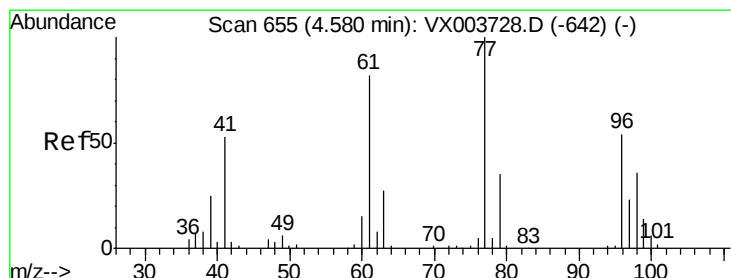
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70



Time-->



#26

2,2-Dichloropropane

Concen: 1.17 ug/l

RT: 4.69 min Scan# 673

Delta R.T. 0.11 min

Lab File: VX003752.D

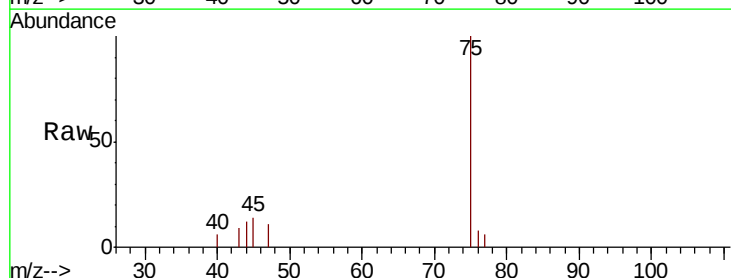
Acq: 31 Jul 2018 16:09

Tgt Ion: 77 Resp: 105

Ion Ratio Lower Upper

77 100

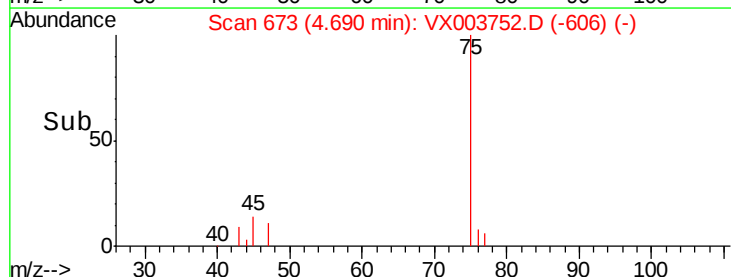
97 0.0 12.2 36.6#



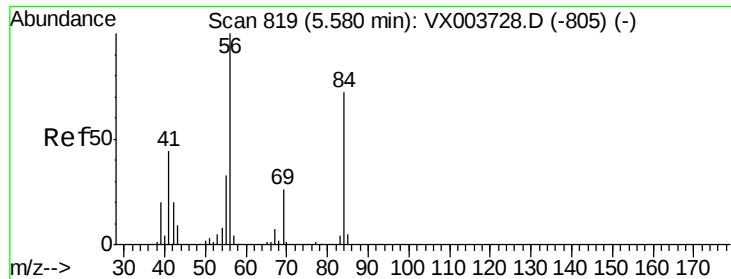
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.69



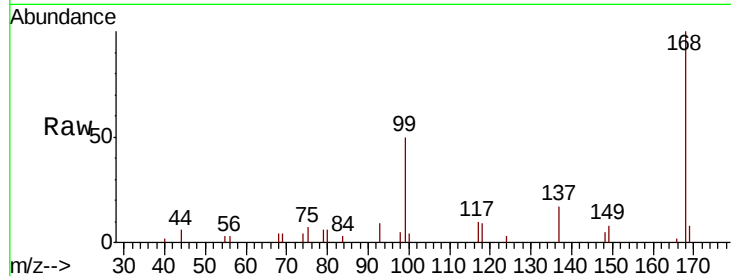
Time-->



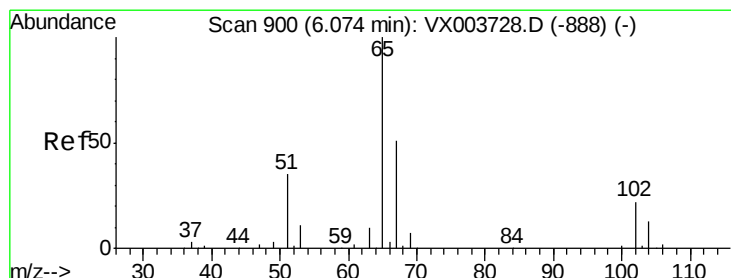
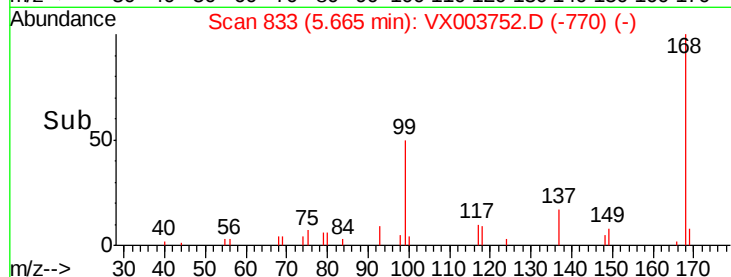
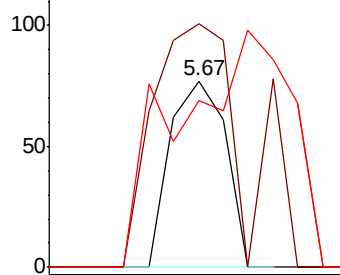
#31
Cvclohexane
Concen: 0.66 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

Instrument :
MSVOA_X
ClientSampled :
SB-8(3-5)

Tot Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
69 131.2 20.6 30.8#
84 89.6 57.9 86.9#

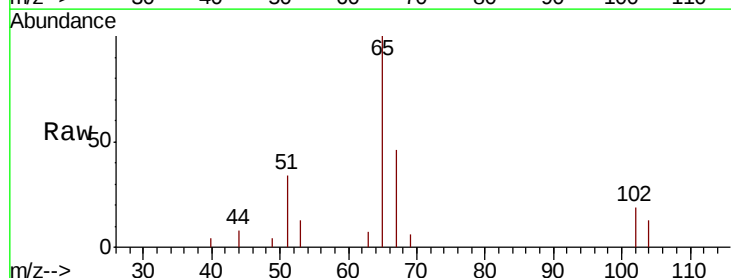


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

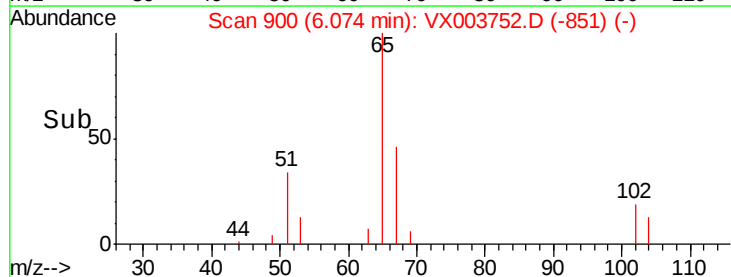
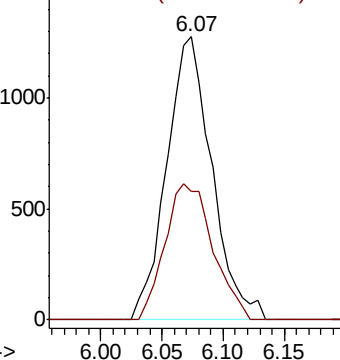


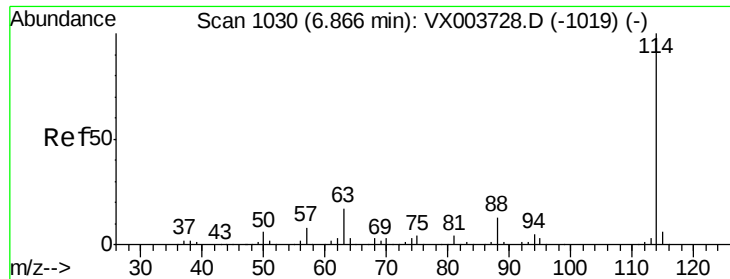
#33
1,2-Dichloroethane-d4
Concen: 47.34 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

Tgt Ion: 65 Resp: 3277
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.0



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

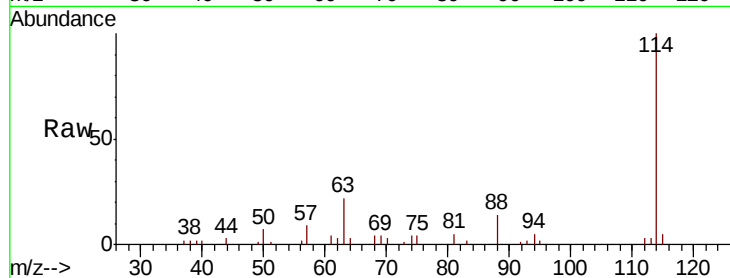




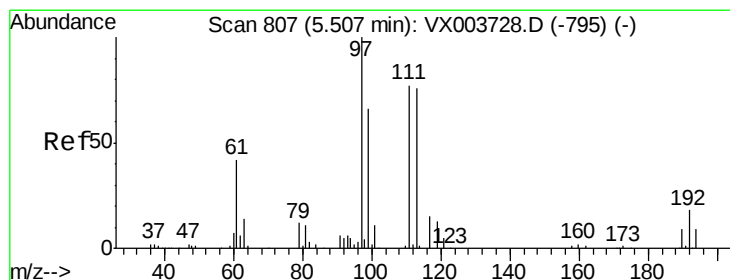
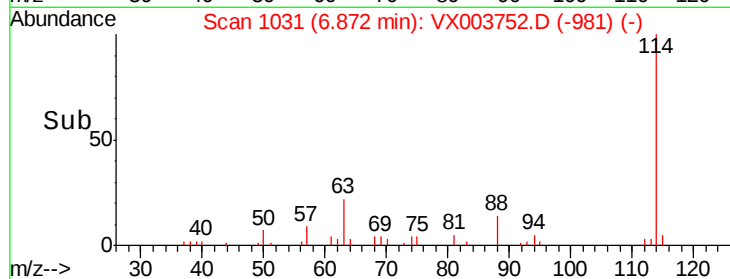
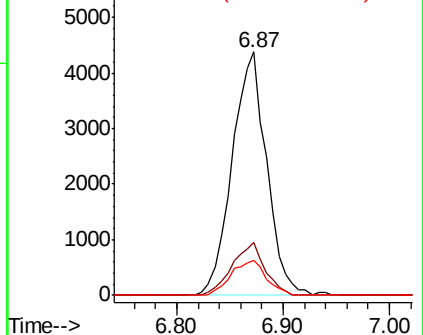
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)

Tot Ion:114 Resp: 9954
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 34.0
 88 14.2 0.0 26.4

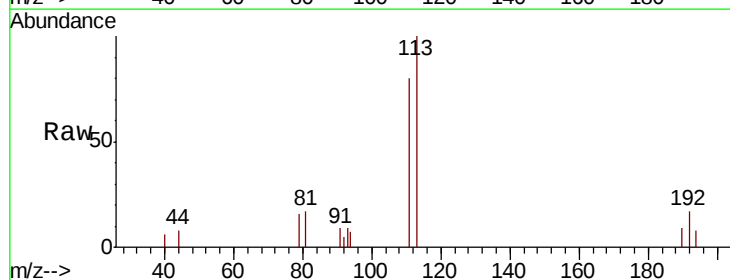


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

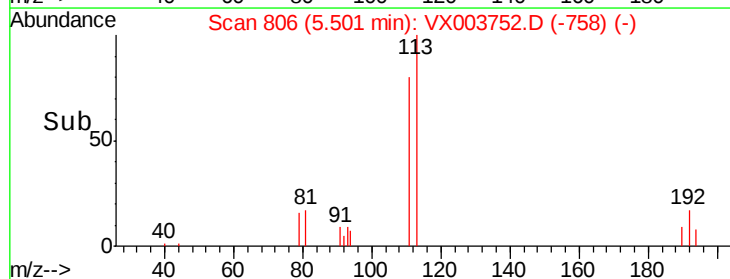
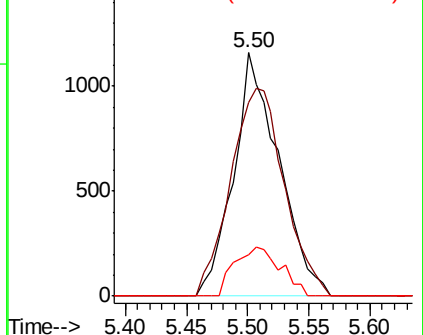


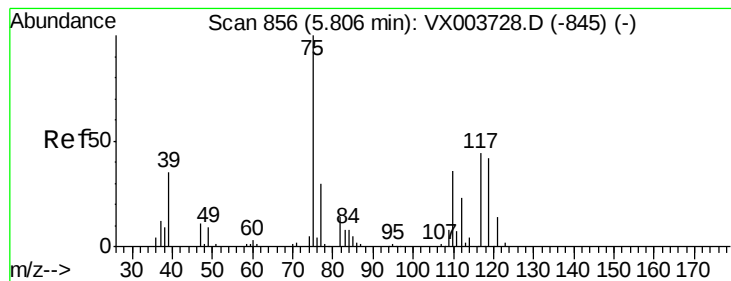
#35
 Dibromofluoromethane
 Concen: 50.84 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

Tgt Ion:113 Resp: 2980
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.8 122.6
 192 20.4 18.8 28.2



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: 4.87 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.15 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

SB-8(3-5)

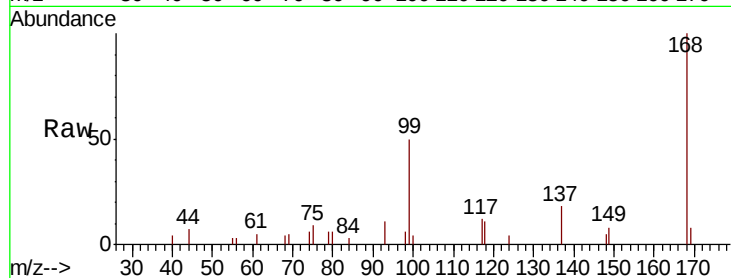
Tot Ion: 75 Resp: 454

Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

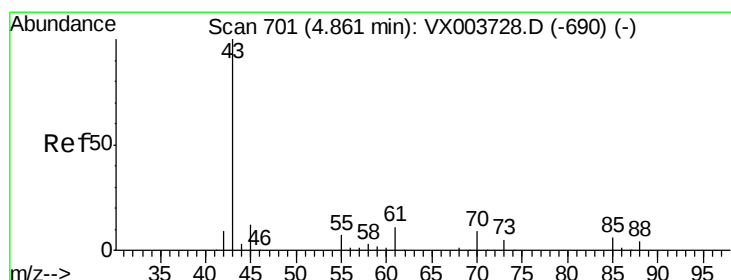
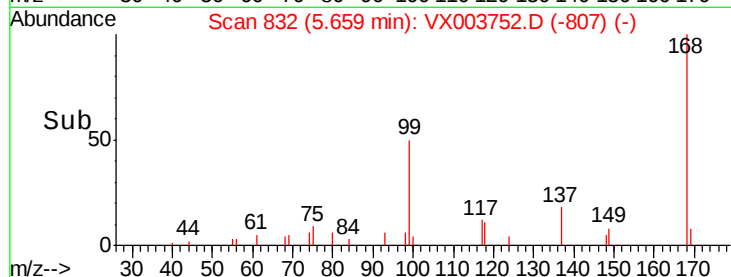
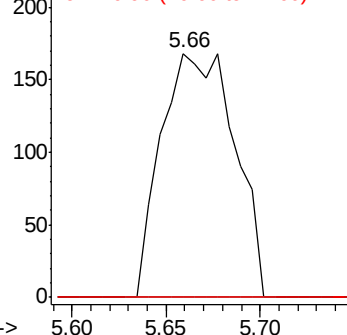
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 3.76 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.16 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

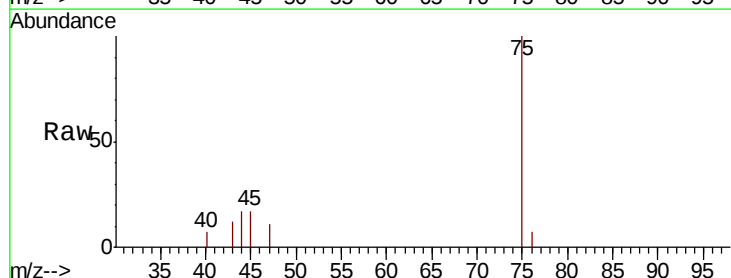
Tgt Ion: 43 Resp: 269

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

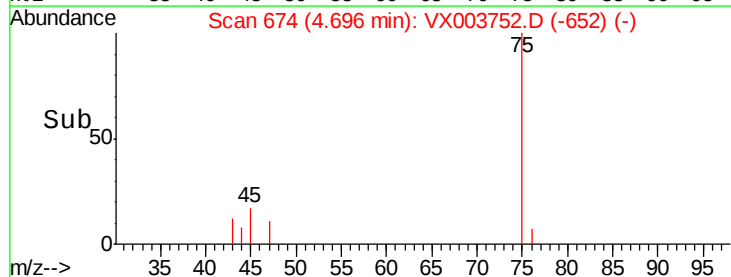
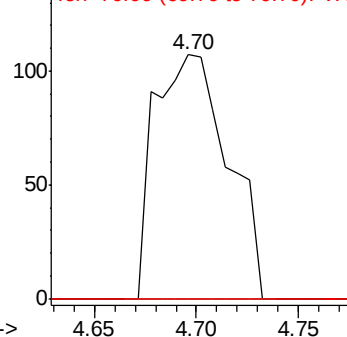
70 0.0 8.2 12.2#

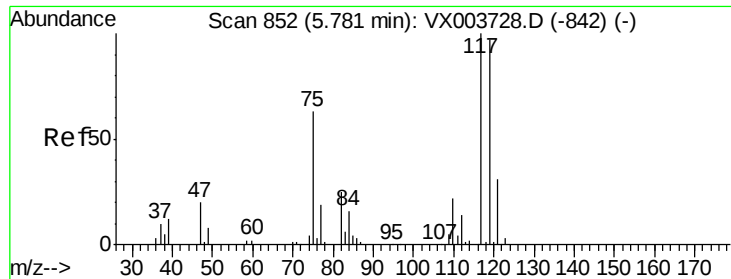


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

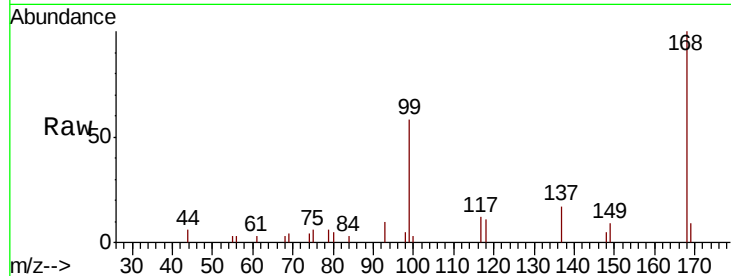




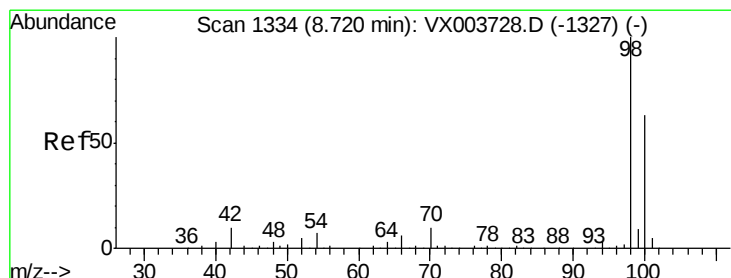
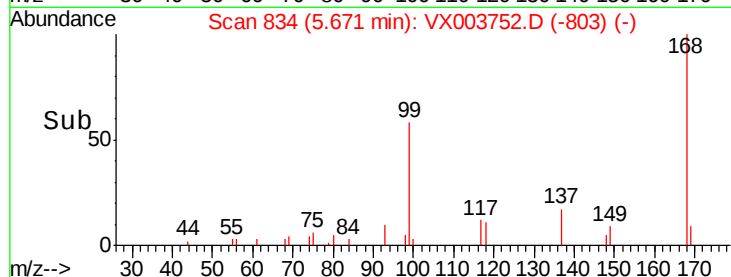
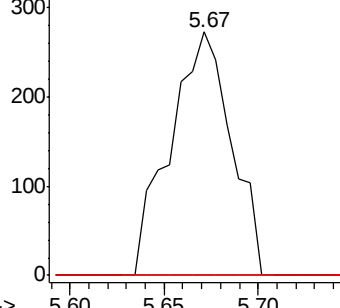
#38
Carbon Tetrachloride
Concen: 7.11 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.11 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

Instrument :
MSVOA_X
ClientSampleId :
SB-8(3-5)

Tot Ion:117 Resp: 613
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 25.0 37.4#

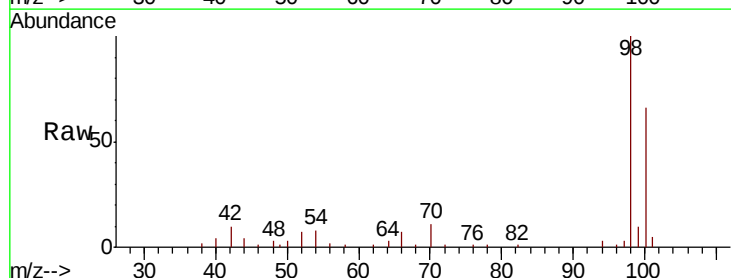


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

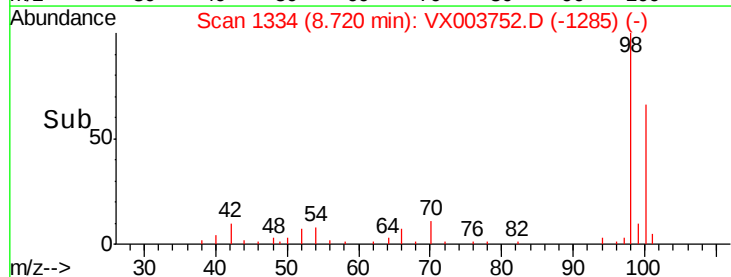
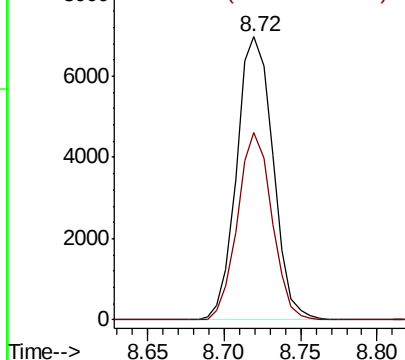


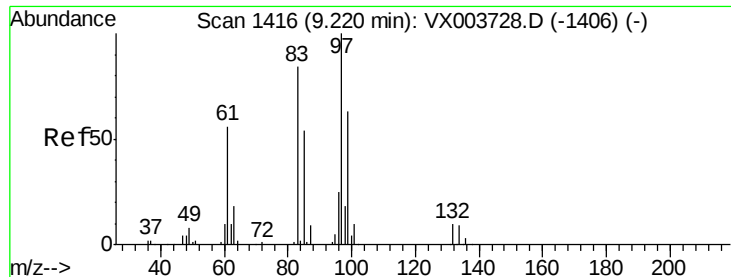
#50
Toluene-d8
Concen: 46.92 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

Tgt Ion: 98 Resp: 11465
Ion Ratio Lower Upper
98 100
100 62.6 51.4 77.0



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

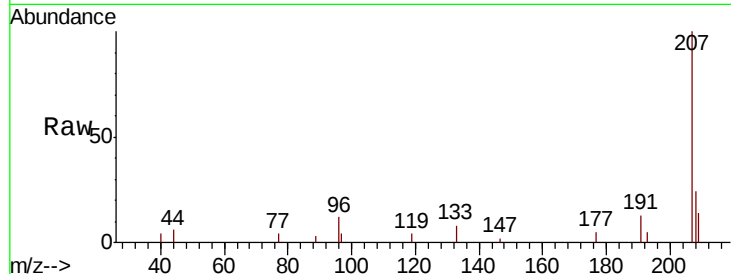




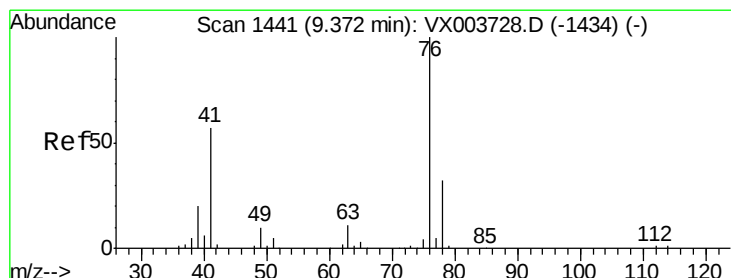
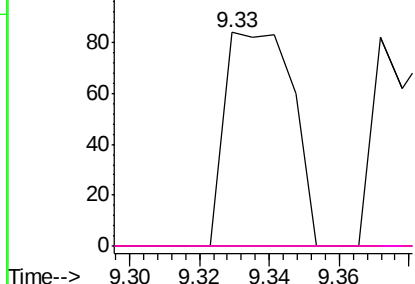
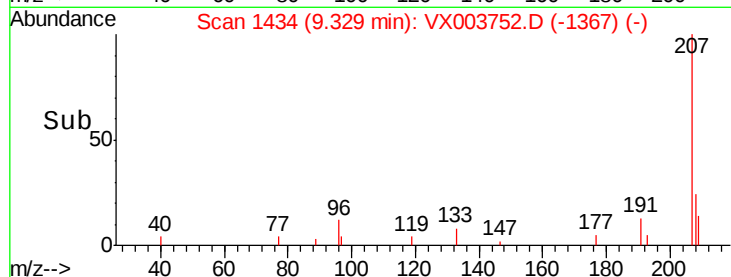
#55
 1,1,2-Trichloroethane
 Concen: 1.97 ug/l
 RT: 9.33 min Scan# 1434
 Delta R.T. 0.11 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)

Tot Ion: 97 Resp: 113
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.4 101.0#
 85 0.0 43.3 64.9#
 99 0.0 50.8 76.2#

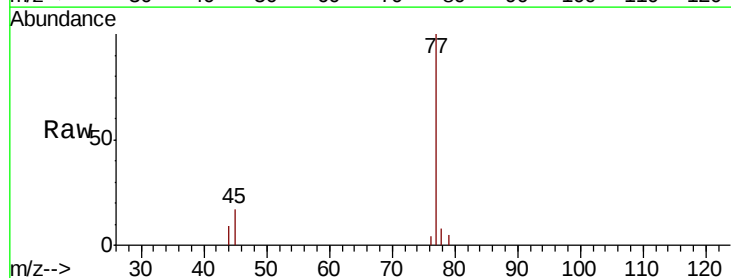


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

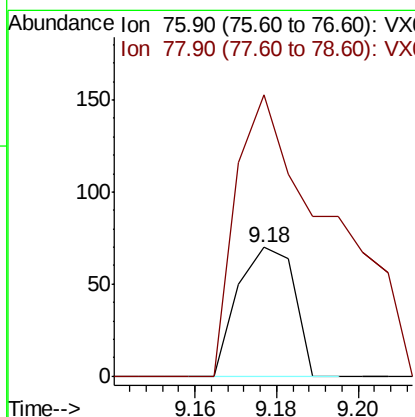
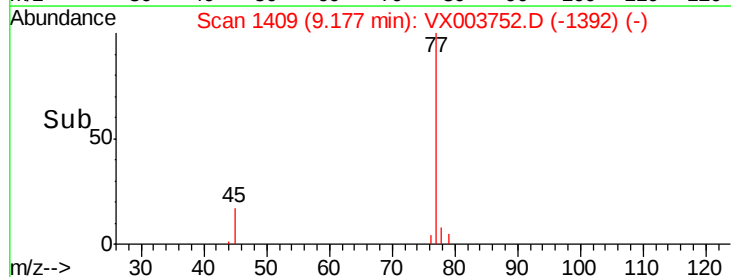


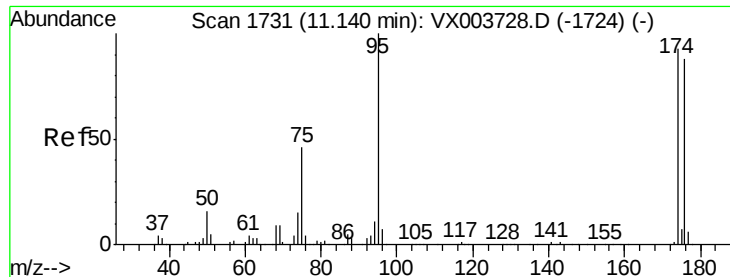
#57
 1,3-Dichloropropane
 Concen: 0.70 ug/l
 RT: 9.18 min Scan# 1409
 Delta R.T. -0.20 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

Tgt Ion: 76 Resp: 67
 Ion Ratio Lower Upper
 76 100
 78 368.7 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0





#62

4-Bromofluorobenzene

Concen: 33.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

SB-8(3-5)

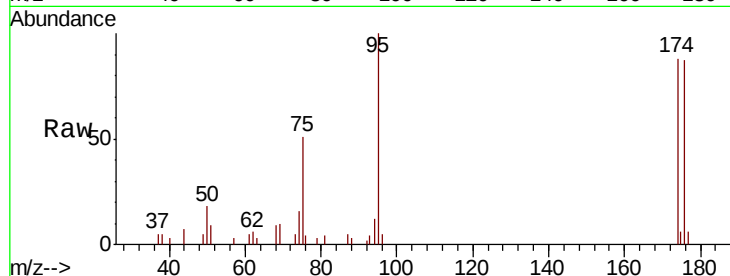
Tot Ion: 95 Resp: 3034

Ion Ratio Lower Upper

95 100

174 88.1 0.0 186.2

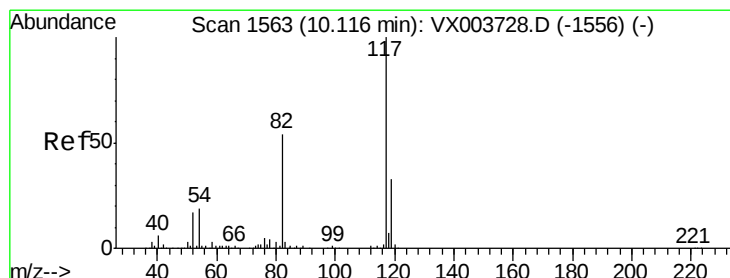
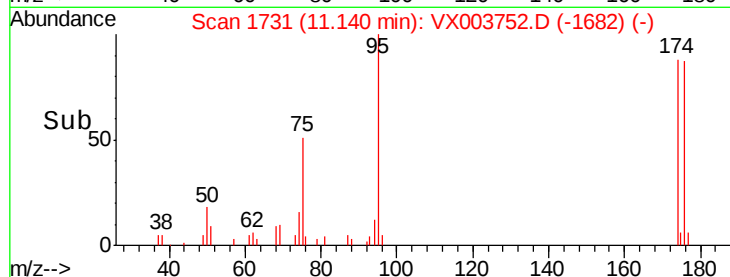
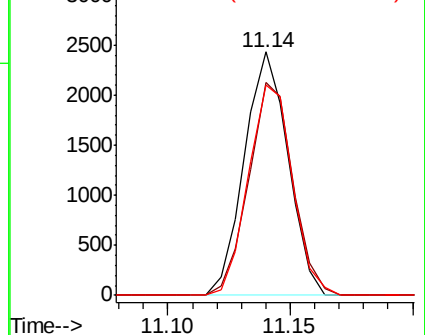
176 87.2 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

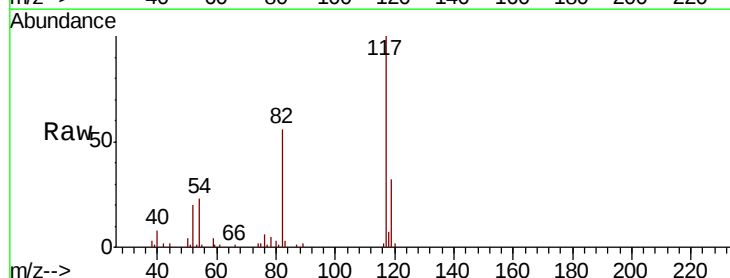
Tgt Ion: 117 Resp: 7666

Ion Ratio Lower Upper

117 100

82 56.3 43.2 64.8

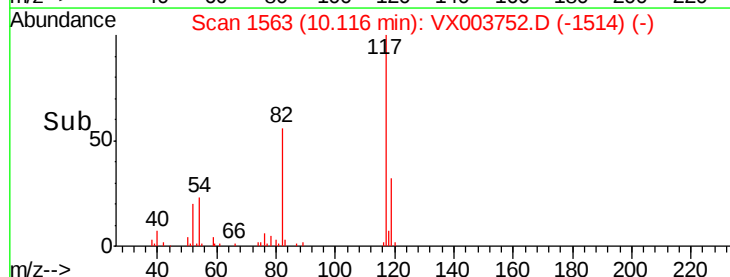
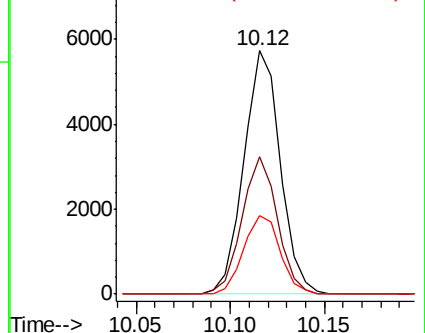
119 32.2 26.3 39.5

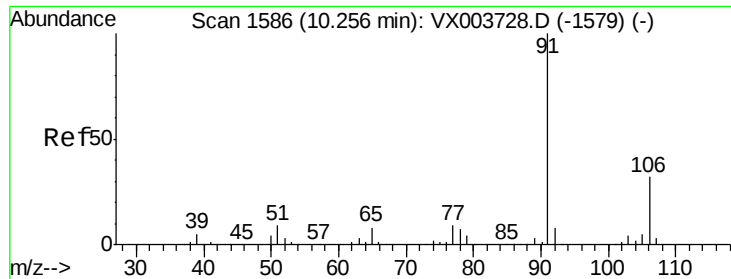


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

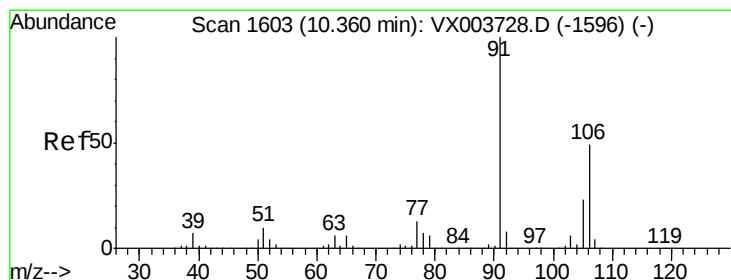
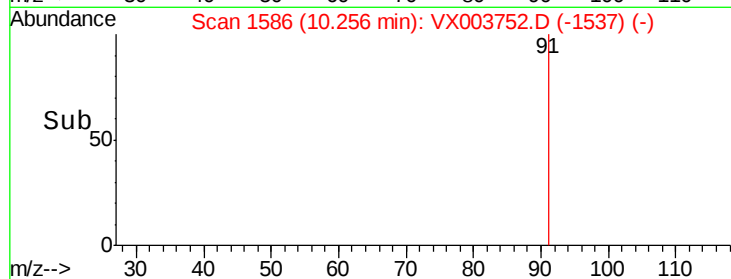
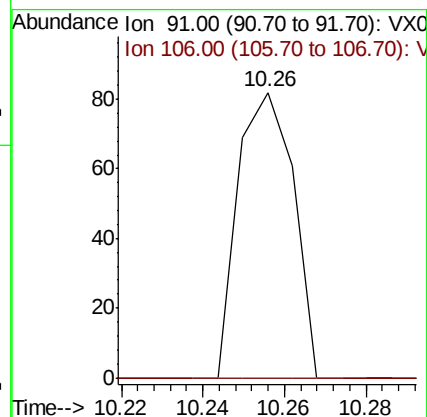
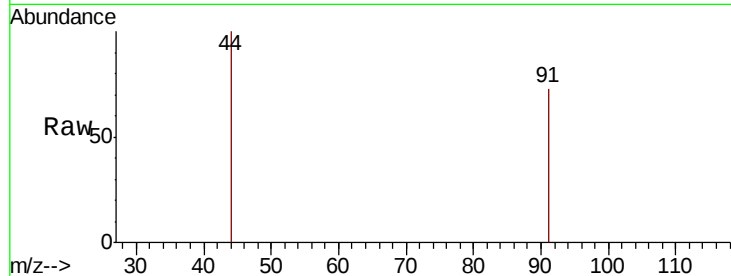




#67
Ethyl Benzene
Concen: 0.29 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

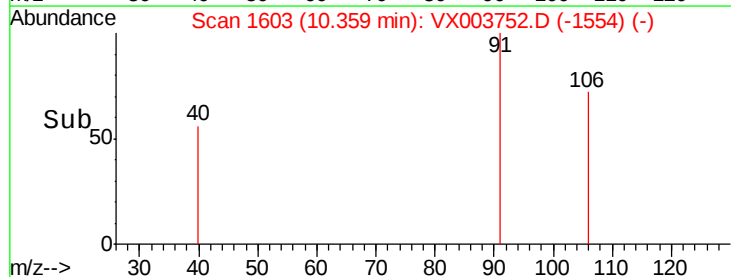
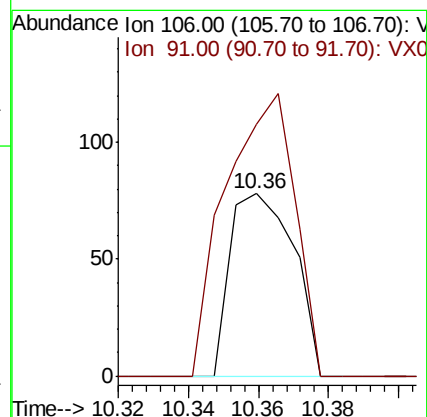
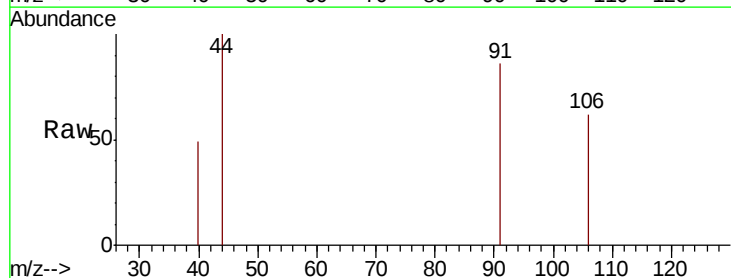
Instrument :
MSVOA_X
ClientSampleId :
SB-8(3-5)

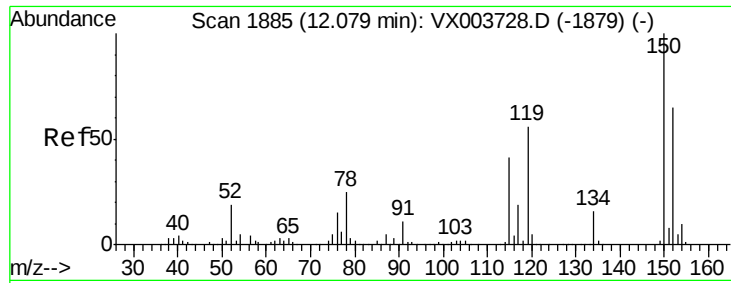
Tot Ion: 91 Resp: 78
Ion Ratio Lower Upper
91 100
106 0.0 25.4 38.2#



#68
m/p-Xylenes
Concen: 0.94 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

Tgt Ion: 106 Resp: 99
Ion Ratio Lower Upper
106 100
91 167.7 159.8 239.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

SB-8(3-5)

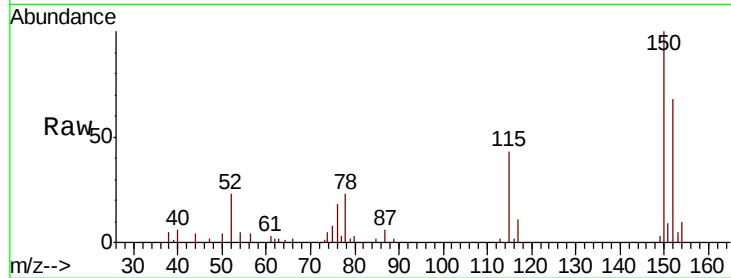
Tot Ion:152 Resp: 3198

Ion Ratio Lower Upper

152 100

115 60.3 38.5 115.3

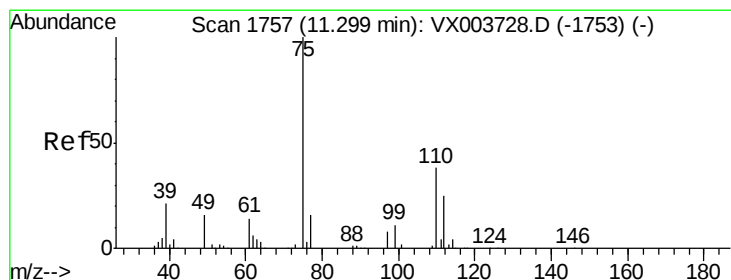
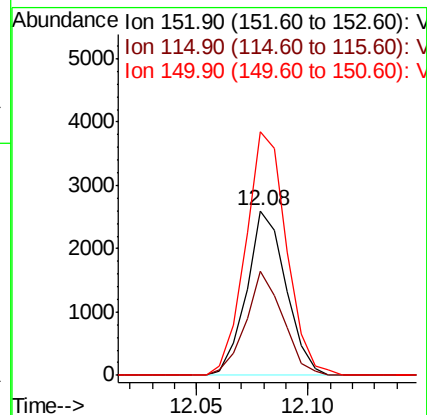
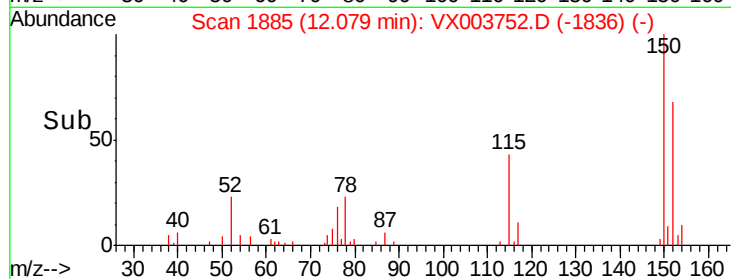
150 153.8 0.0 346.2



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



#76

1,2,3-Trichloropropane

Concen: 35.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003752.D

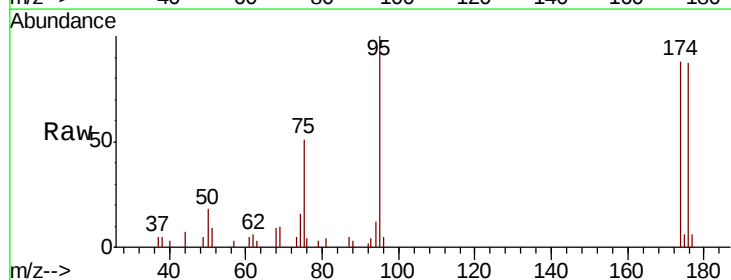
Acq: 31 Jul 2018 16:09

Tgt Ion: 75 Resp: 1554

Ion Ratio Lower Upper

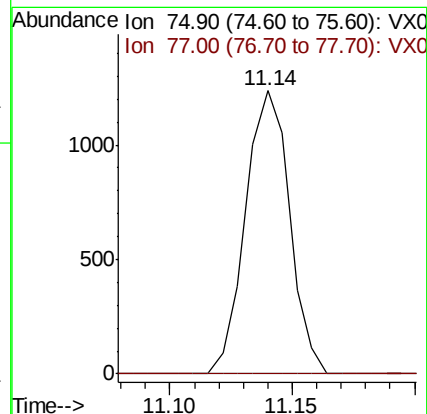
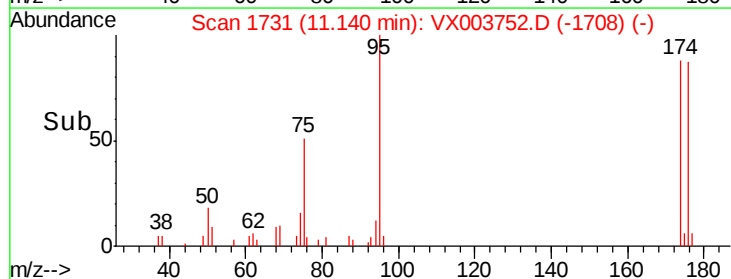
75 100

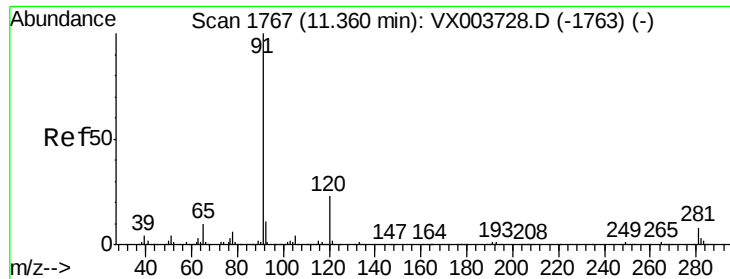
77 0.0 21.6 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.40 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

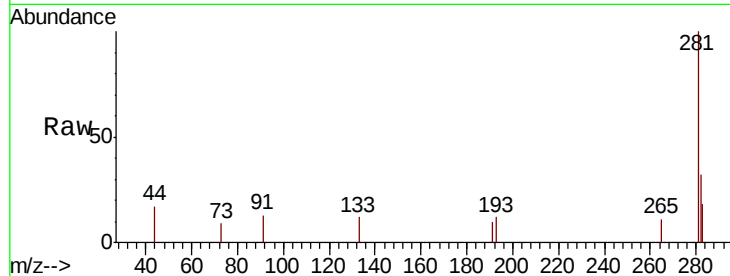
SB-8(3-5)

Tot Ion: 91 Resp: 97

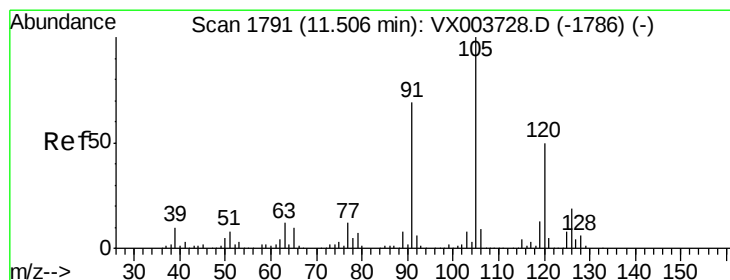
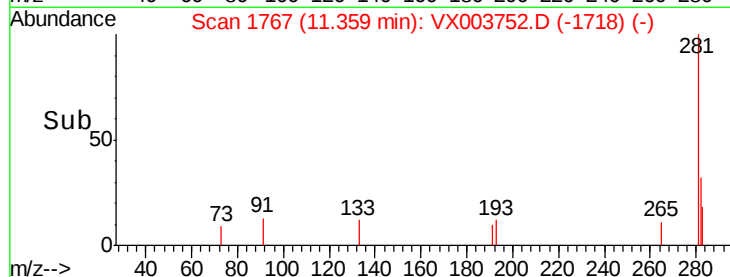
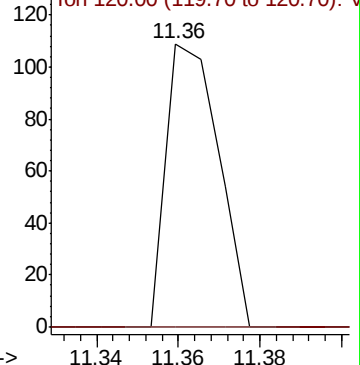
Ion Ratio Lower Upper

91 100

120 0.0 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VX003728.D (-1763) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.83 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX003752.D

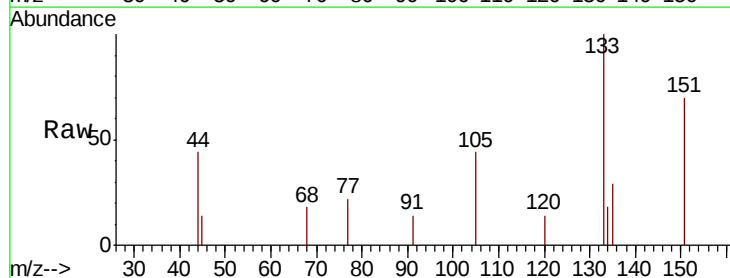
Acq: 31 Jul 2018 16:09

Tgt Ion: 105 Resp: 141

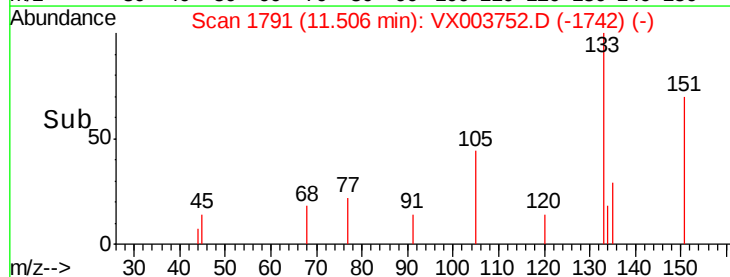
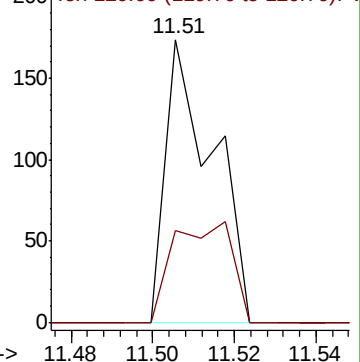
Ion Ratio Lower Upper

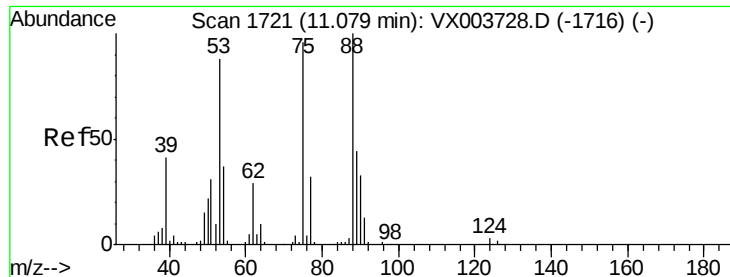
105 100

120 44.0 15.8 47.4



Abundance Ion 105.00 (104.70 to 105.70): VX003728.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 104.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

SB-8(3-5)

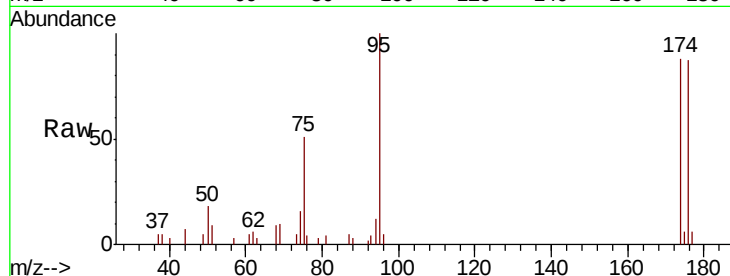
Tot Ion: 75 Resp: 1554

Ion Ratio Lower Upper

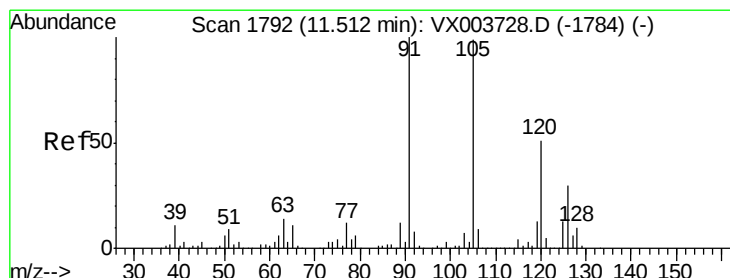
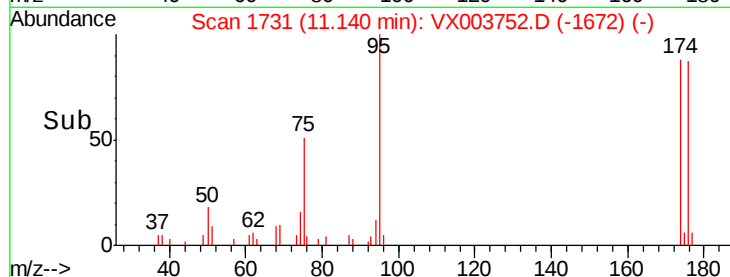
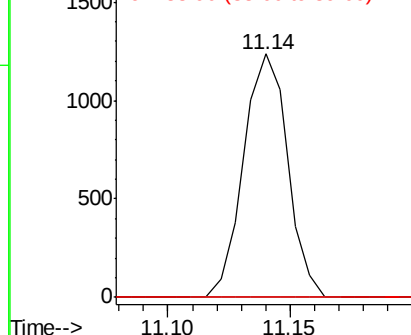
75 100

53 0.0 75.8 113.8#

89 0.0 39.1 58.7#



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: 0.52 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003752.D

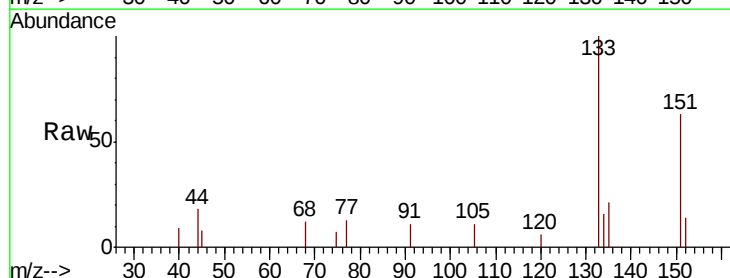
Acq: 31 Jul 2018 16:09

Tgt Ion: 91 Resp: 87

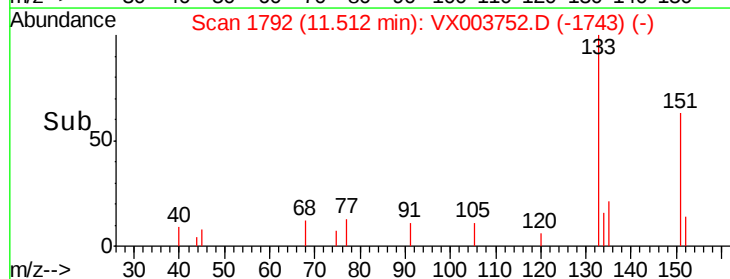
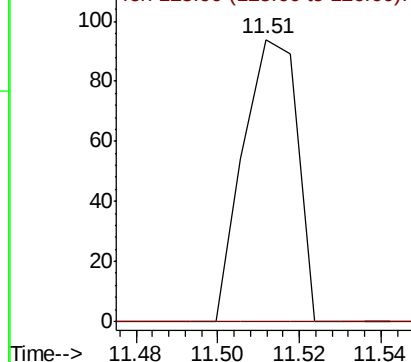
Ion Ratio Lower Upper

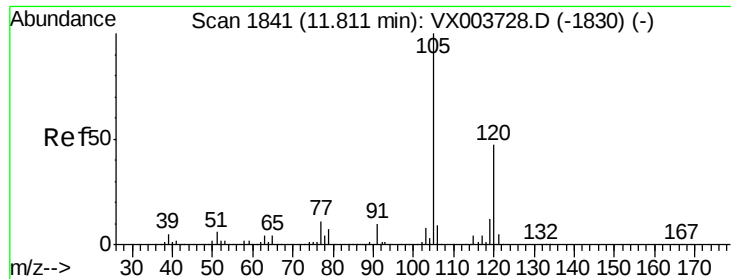
91 100

126 0.0 15.6 46.7#



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: 0.97 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

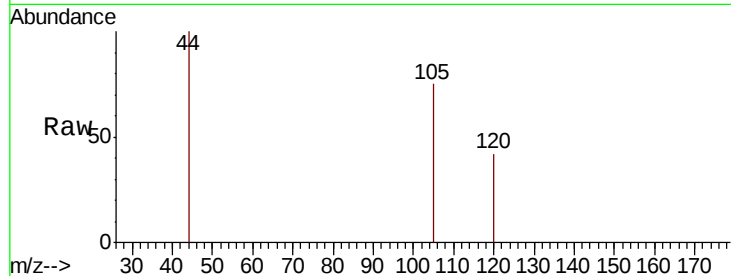
SB-8(3-5)

Tot Ion:105 Resp: 170

Ion Ratio Lower Upper

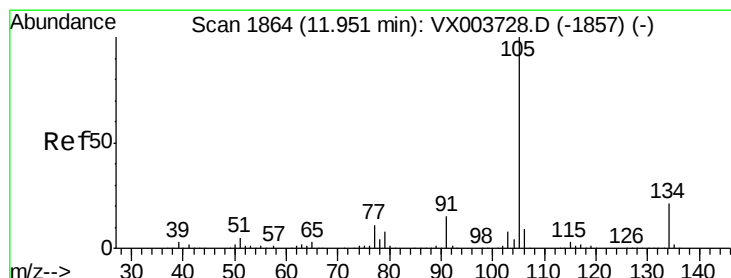
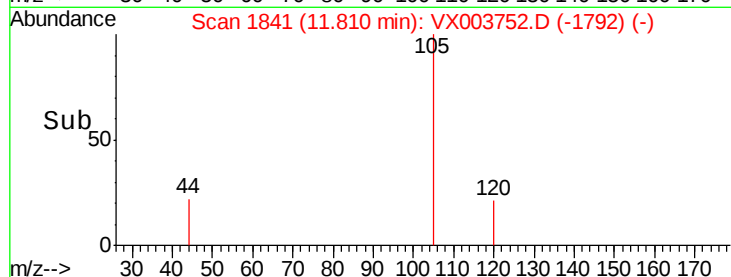
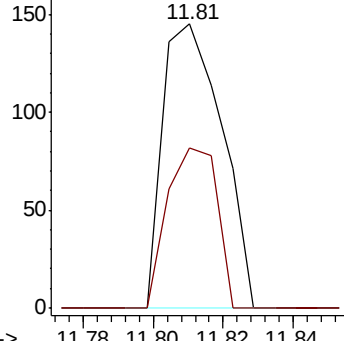
105 100

120 47.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.52 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003752.D

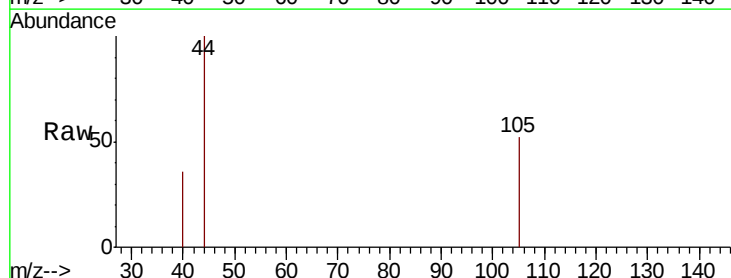
Acq: 31 Jul 2018 16:09

Tgt Ion:105 Resp: 112

Ion Ratio Lower Upper

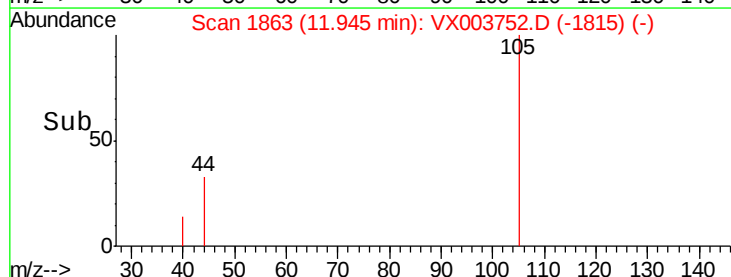
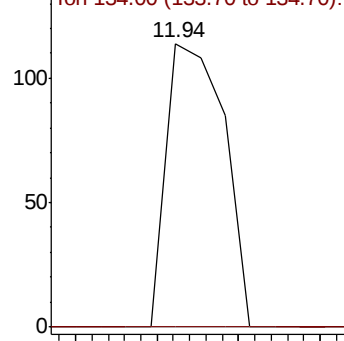
105 100

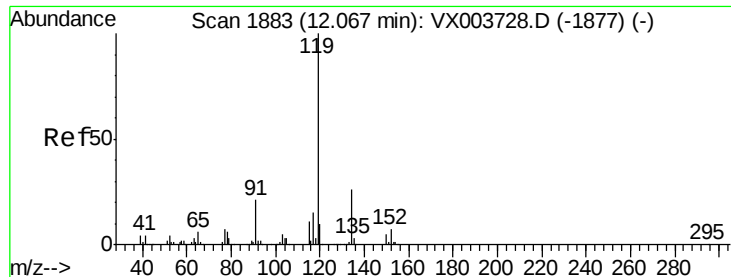
134 0.0 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

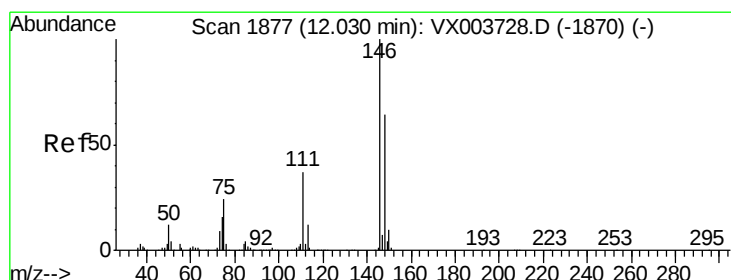
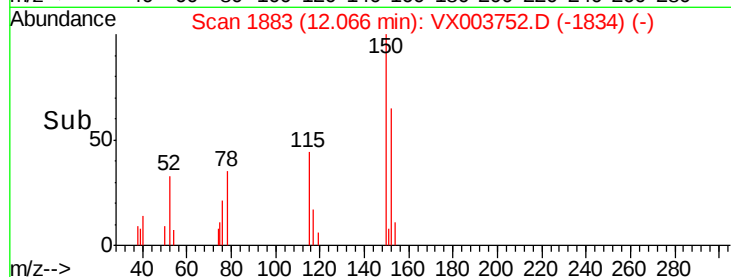
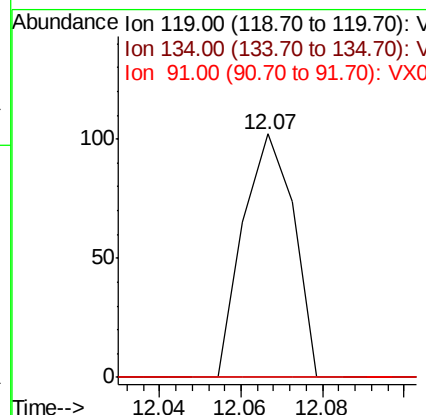
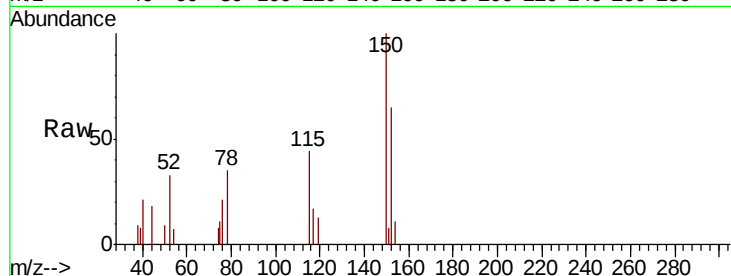




#86
 p-Isopropyltoluene
 Concen: 0.45 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

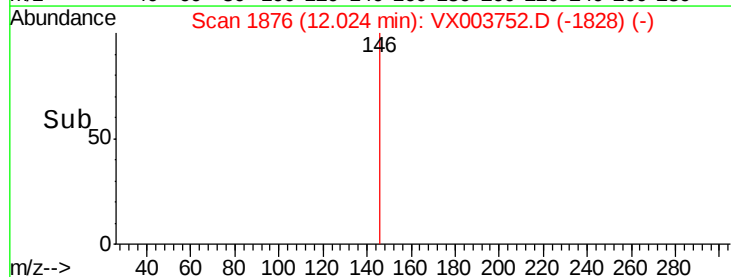
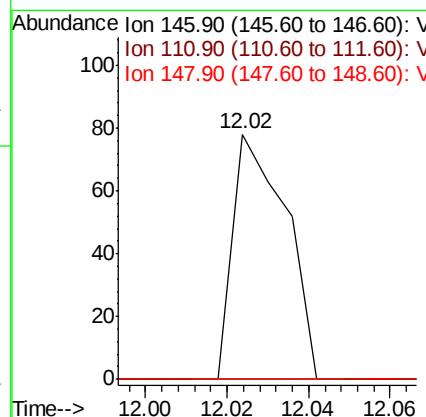
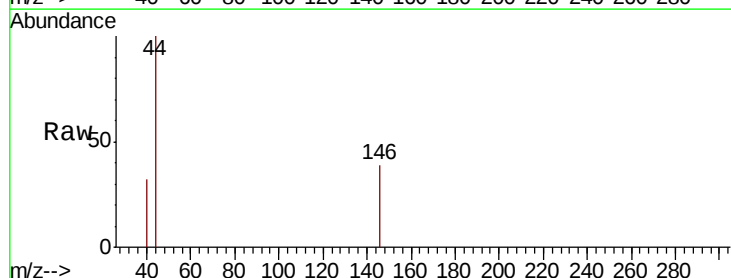
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)

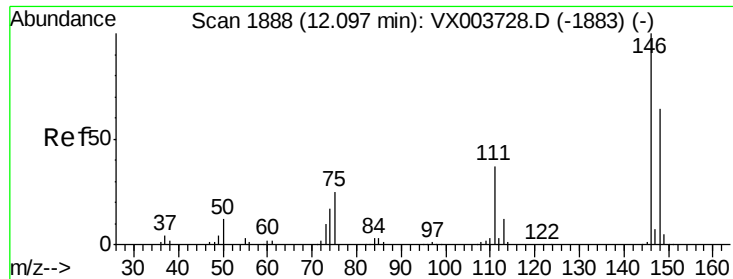
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	10.1	30.1#
91	0.0	23.6	70.8#



#87
 1,3-Dichlorobenzene
 Concen: 0.67 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.8	56.3#
148	0.0	31.9	95.9#

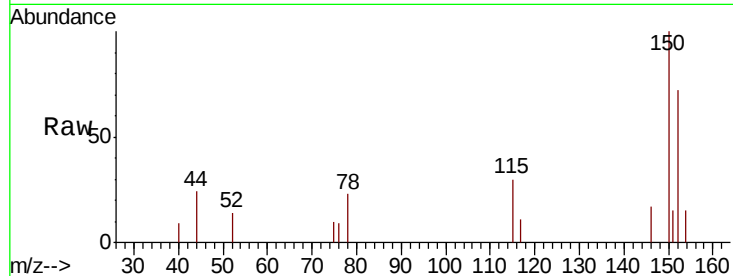




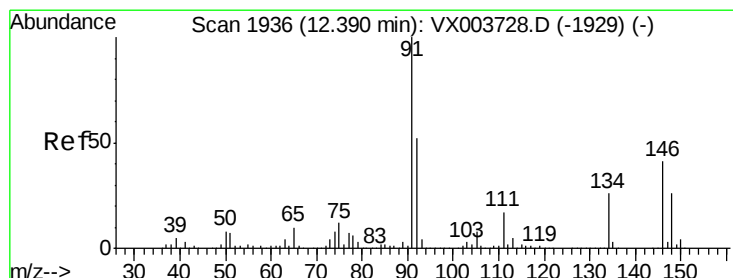
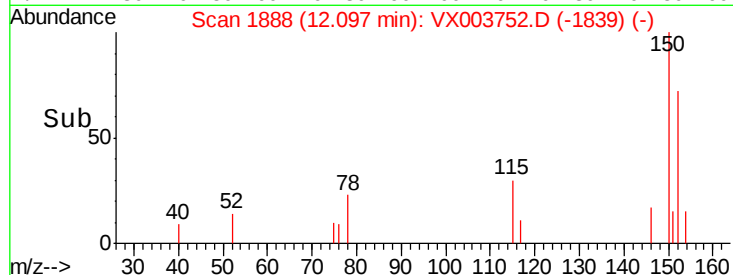
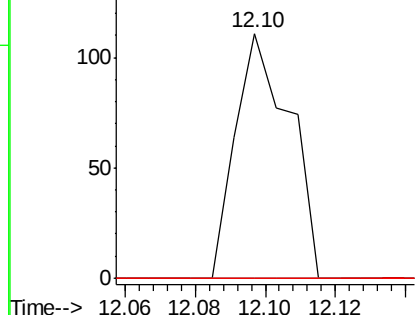
#88
 1,4-Dichlorobenzene
 Concen: 1.10 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

Instrument :
 MSVOA_X
 ClientSampled :
 SB-8(3-5)

Tot Ion:146 Resp: 119
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.3 54.9#
 148 0.0 32.0 96.2#

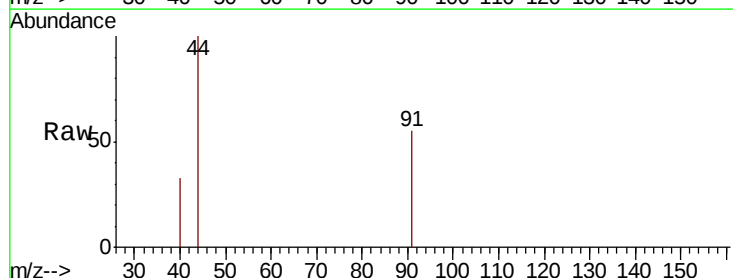


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

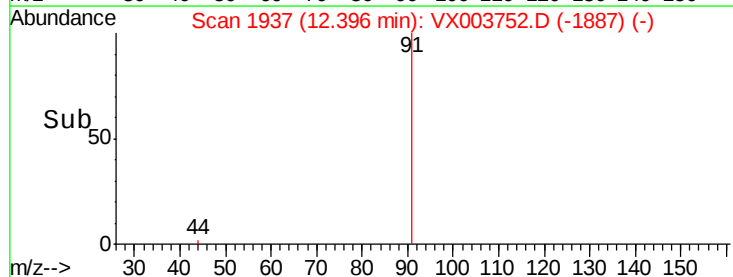
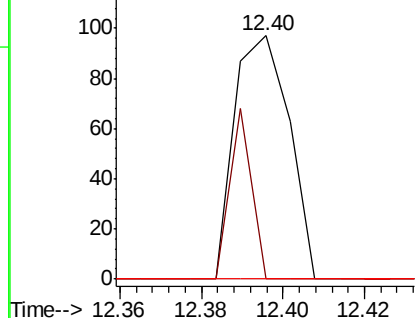


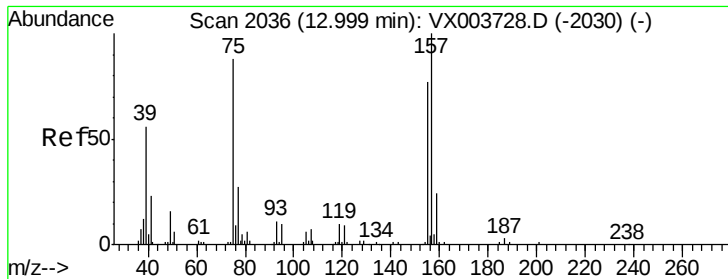
#89
 n-Butylbenzene
 Concen: 0.48 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

Tgt Ion: 91 Resp: 90
 Ion Ratio Lower Upper
 91 100
 92 27.8 26.2 78.5
 134 0.0 13.6 40.7#



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

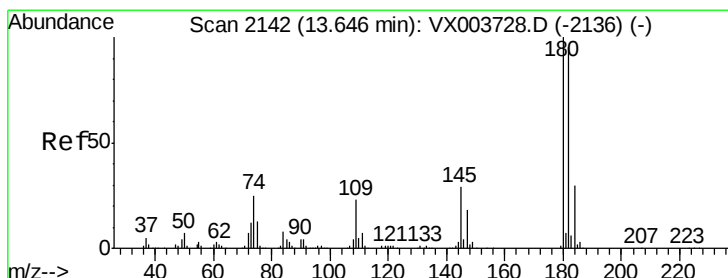
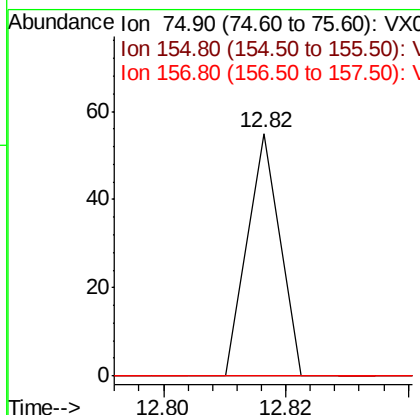
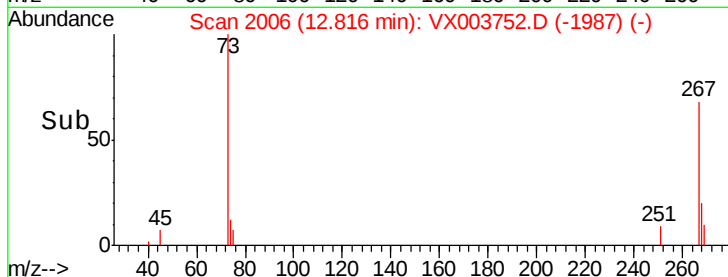
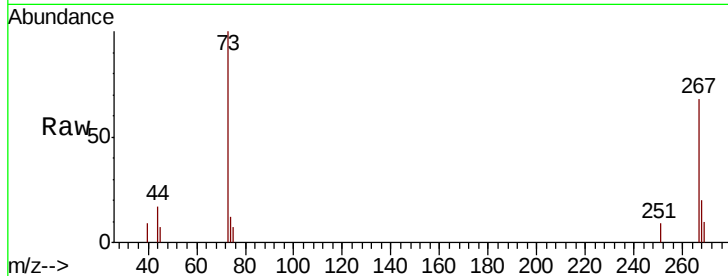




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.94 ug/l
 RT: 12.82 min Scan# 2006
 Delta R.T. -0.18 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

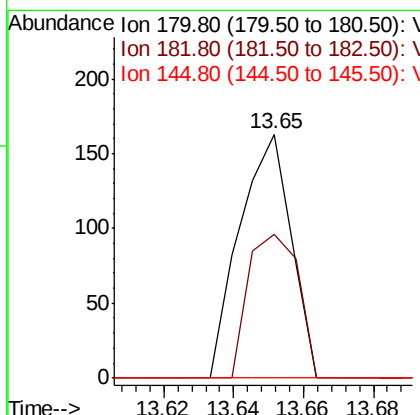
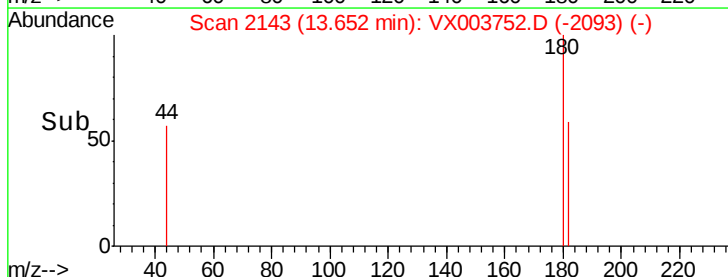
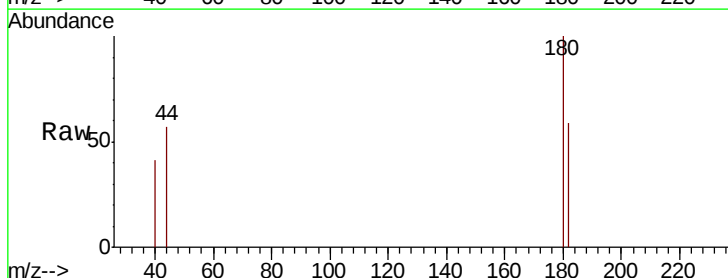
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)

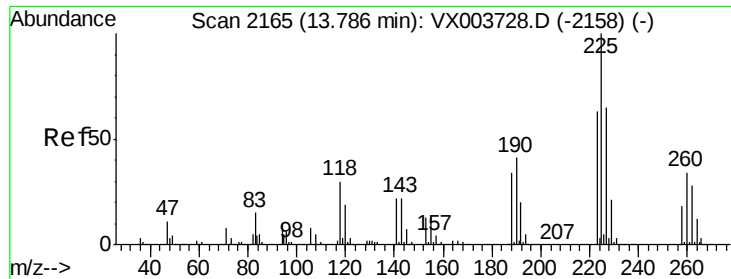
Tot Ion: 75 Resp: 20
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.9 146.7#
 157 0.0 63.7 191.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.13 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

Tgt Ion: 180 Resp: 166
 Ion Ratio Lower Upper
 180 100
 182 57.2 47.6 142.9
 145 0.0 14.1 42.2#





#94

Hexachlorobutadiene

Concen: 1.28 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

SB-8(3-5)

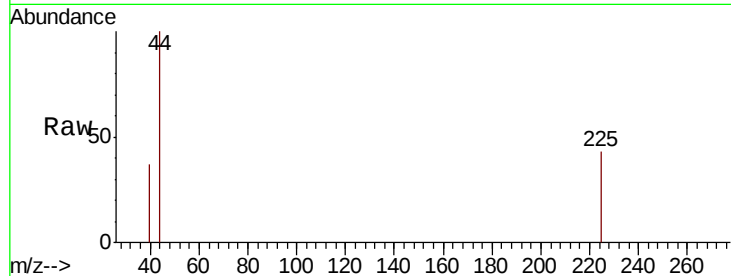
Tot Ion:225 Resp: 64

Ion Ratio Lower Upper

225 100

223 0.0 31.1 93.5#

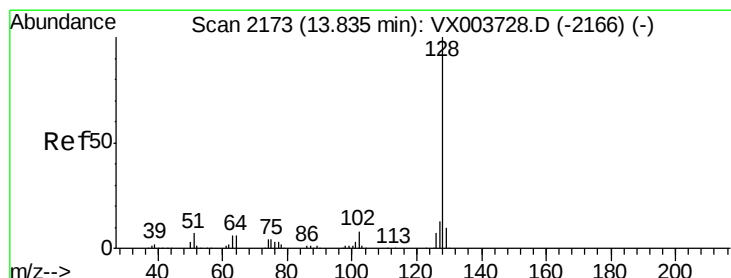
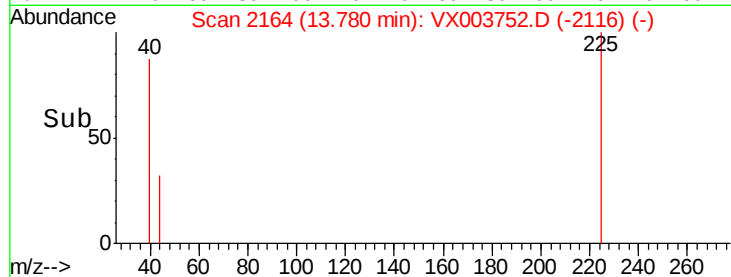
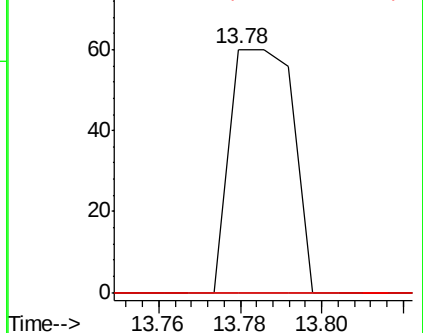
227 0.0 31.9 95.9#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.29 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

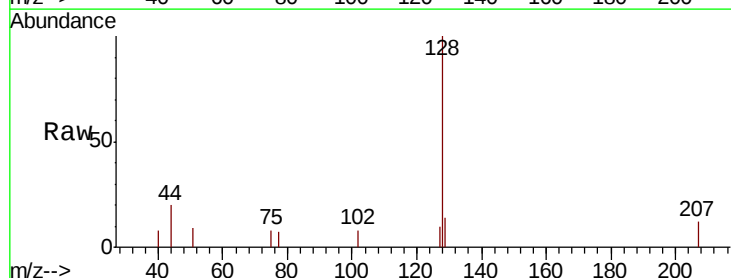
Tgt Ion:128 Resp: 881

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.2

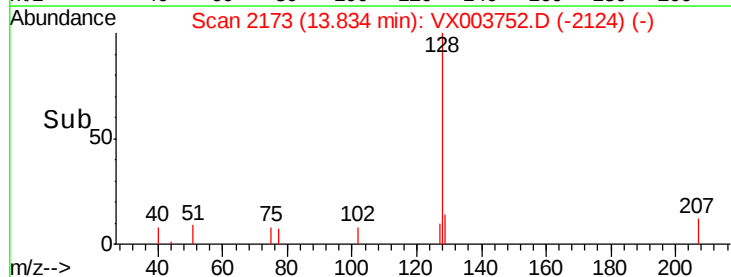
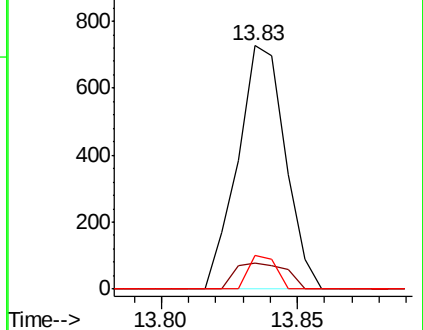
129 7.9 8.7 13.1#

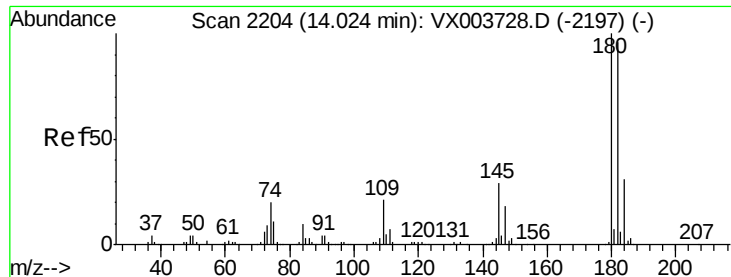


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.67 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003752.D
 Acq: 31 Jul 2018 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)

Tot Ion	Ratio	Lower	Upper
180	100		
182	62.7	47.9	143.8
145	0.0	14.7	44.1

