

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073118\
 Data File : VX003770.D
 Acq On : 01 Aug 2018 01:23
 Operator : JC/SP
 Sample : J4121-07
 Misc : 12.36G/5.0mL/MSVOA X/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7(3-5)

Quant Time: Aug 01 06:44:12 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	5.67	168	9218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	12601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	7929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	2293	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	4390	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
35) Dibromofluoromethane	5.51	113	275	3.71	ug/l	0.00
Spiked Amount			Recovery	=	7.42%	
50) Toluene-d8	8.72	98	14192	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	
62) 4-Bromofluorobenzene	11.14	95	2740	24.02	ug/l	0.00
Spiked Amount			Recovery	=	48.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	111	1.13	ug/l #	42
5) Bromomethane	1.65	94	172	1.06	ug/l	83
6) Chloroethane	1.59	64	2724	39.16	ug/l #	55
10) Methyl Iodide	2.52	142	346	3.44	ug/l #	88
14) Allyl chloride	2.72	41	38	0.26	ug/l #	28
15) Acrylonitrile	3.15	53	110	2.87	ug/l #	65
16) Acetone	2.45	43	3507	98.48	ug/l	98
17) Carbon Disulfide	2.57	76	3176	11.85	ug/l	99
18) Methyl Acetate	2.78	43	49	0.49	ug/l #	52
20) Methylene Chloride	2.86	84	224	Below Cal	#	84
25) 2-Butanone	4.70	43	758	14.60	ug/l	95
26) 2,2-Dichloropropane	4.70	77	130	1.07	ug/l #	51
31) Cyclohexane	5.67	56	110	0.74	ug/l #	27
36) 1,1-Dichloropropene	5.67	75	633	5.36	ug/l #	41
37) Ethyl Acetate	4.70	43	758	8.36	ug/l #	68
38) Carbon Tetrachloride	5.67	117	812	7.44	ug/l #	12
40) Benzene	6.15	78	210	0.62	ug/l #	53
51) 4-Methyl-2-Pentanone	8.71	43	19	0.21	ug/l #	1
52) Toluene	8.78	92	119	0.56	ug/l	83
55) 1,1,2-Trichloroethane	9.34	97	51	0.70	ug/l #	15
57) 1,3-Dichloropropane	9.20	76	78	0.64	ug/l #	1
59) 2-Hexanone	9.51	43	69	1.02	ug/l #	23
64) Tetrachloroethene	9.35	164	42	0.67	ug/l #	33
65) Chlorobenzene	10.14	112	118	0.71	ug/l #	43
67) Ethyl Benzene	10.26	91	221	0.79	ug/l	94
68) m/p-Xylenes	10.37	106	208	1.90	ug/l	79
69) o-Xylene	10.70	106	115	1.13	ug/l	83
70) Styrene	10.71	104	153	0.89	ug/l	92
73) Isopropylbenzene	11.02	105	284	1.98	ug/l #	62
76) 1,2,3-Trichloropropane	11.14	75	1312	41.51	ug/l #	33
77) Bromobenzene	11.26	156	87	2.32	ug/l	79
78) n-propylbenzene	11.37	91	406	2.33	ug/l	96
79) 2-Chlorotoluene	11.43	91	202	2.05	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	415	3.39	ug/l #	69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

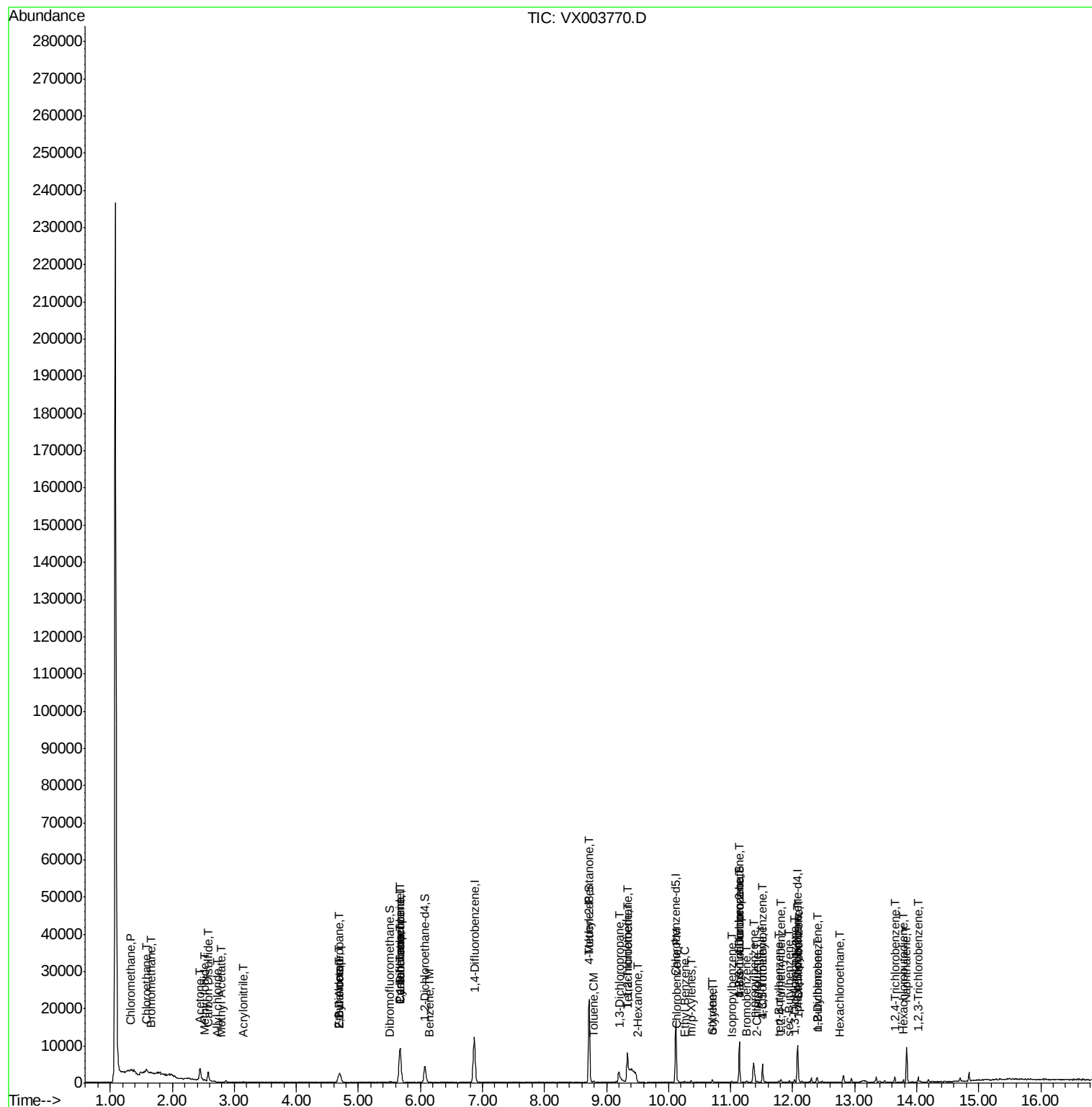
81) trans-1,4-Dichloro-2-buten	11.14	75	1312	122.96	ug/l #	11
82) 4-Chlorotoluene	11.51	91	425	3.55	ug/l	72
83) tert-Butylbenzene	11.77	119	148	1.22	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.81	105	547	4.34	ug/l	97
85) sec-Butylbenzene	11.95	105	342	2.21	ug/l #	71
86) p-Isopropyltoluene	12.07	119	363	2.58	ug/l	73
87) 1,3-Dichlorobenzene	12.02	146	330	4.36	ug/l	93
88) 1,4-Dichlorobenzene	12.10	146	333	4.31	ug/l	97
89) n-Butylbenzene	12.39	91	575	4.29	ug/l	97
90) Hexachloroethane	12.76	117	42	2.01	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	256	3.63	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	516	9.23	ug/l	95
94) Hexachlorobutadiene	13.79	225	220	6.15	ug/l	99
95) Naphthalene	13.83	128	6194	51.83	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	530	10.44	ug/l	99

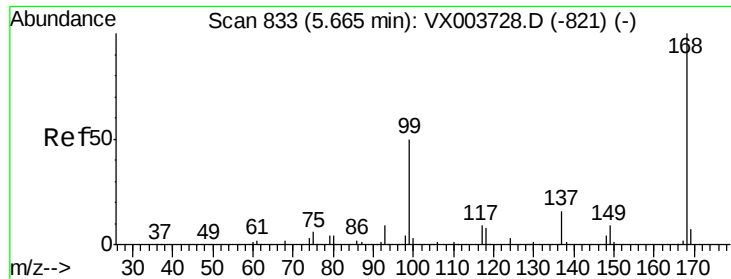
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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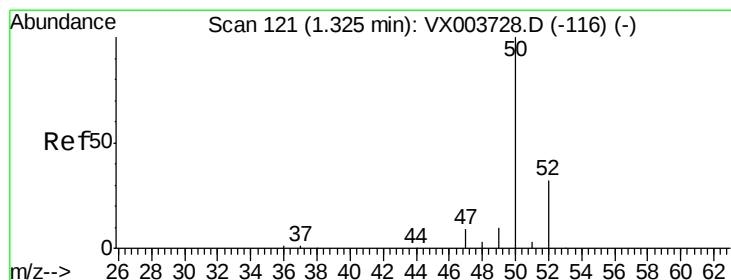
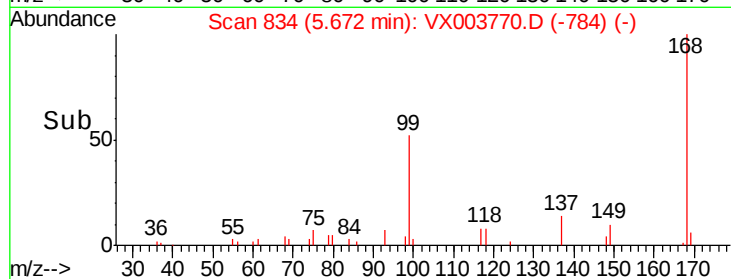
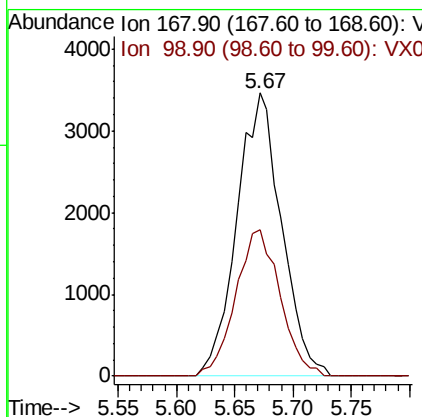
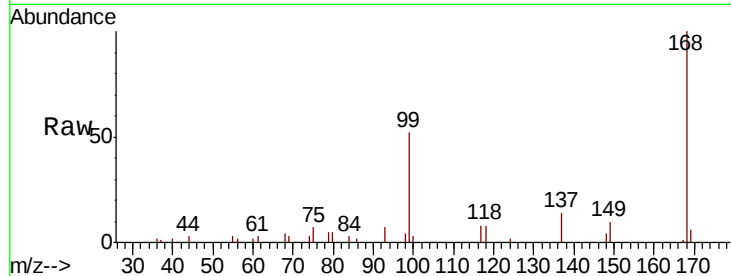




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

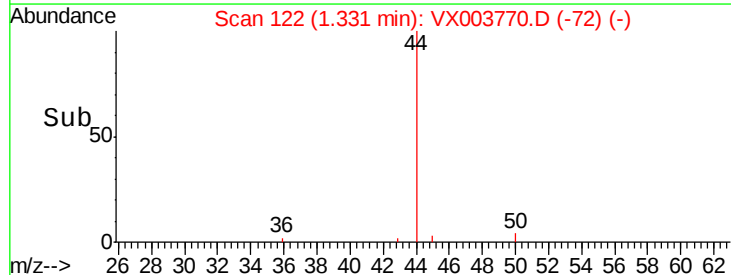
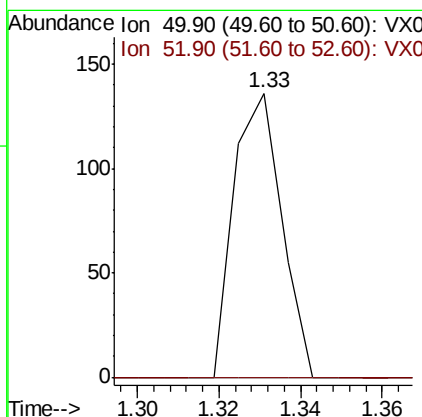
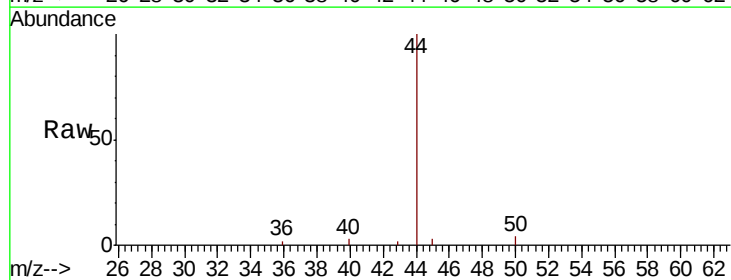
Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)

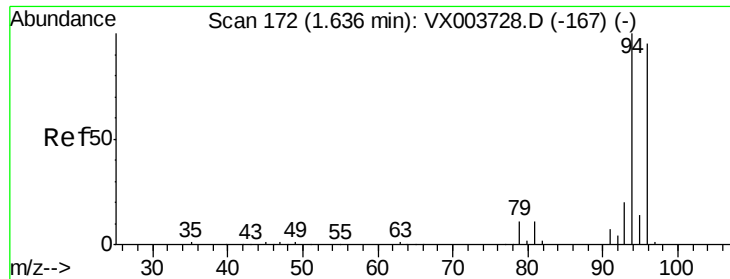
Tot Ion:168 Resp: 9218
Ion Ratio Lower Upper
168 100
99 51.9 40.2 60.2



#3
Chloromethane
Concen: 1.13 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Tgt Ion: 50 Resp: 111
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

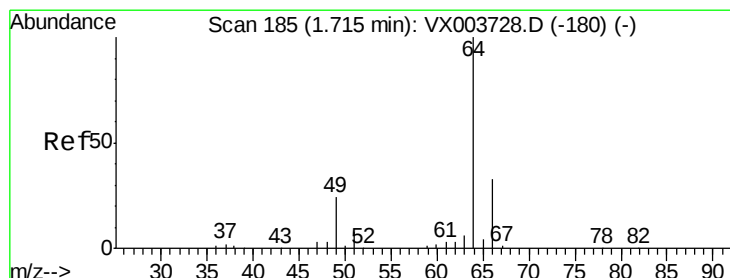
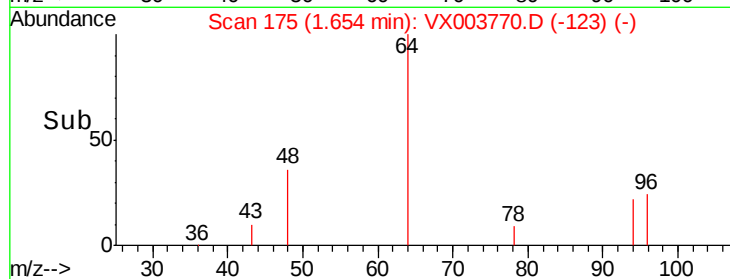
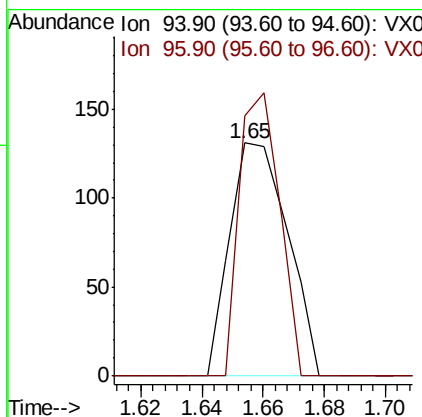
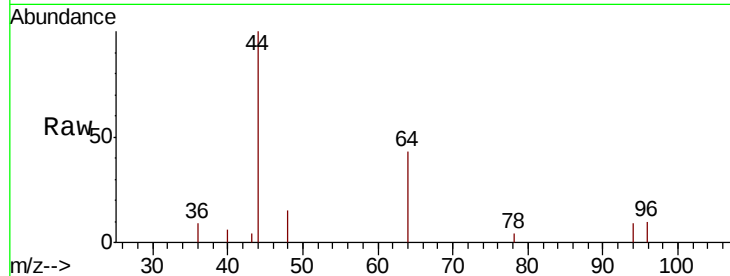




#5
Bromomethane
Concen: 1.06 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

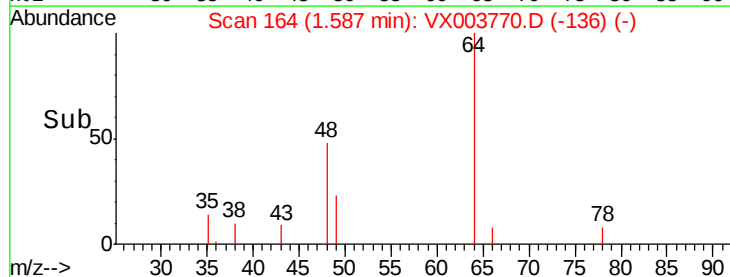
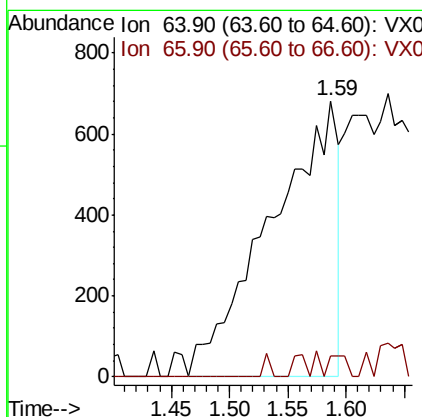
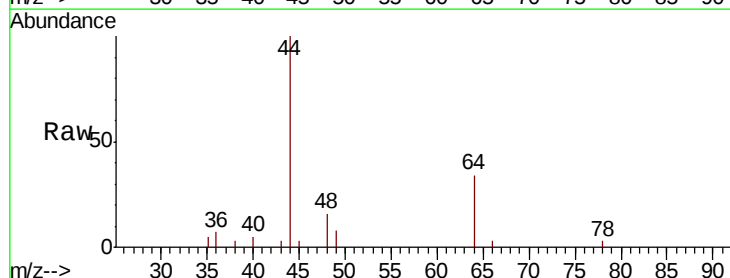
Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)

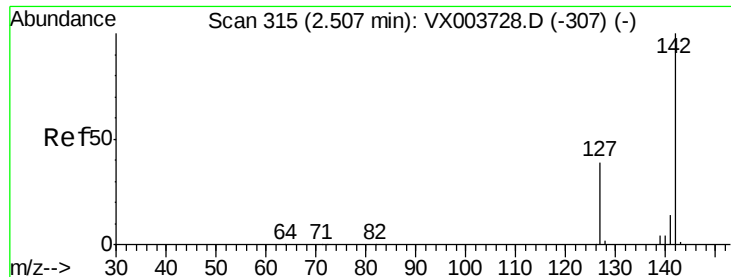
Tot Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 111.5 76.0 114.0



#6
Chloroethane
Concen: 39.16 ug/l
RT: 1.59 min Scan# 164
Delta R.T. -0.13 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Tgt Ion: 64 Resp: 2724
Ion Ratio Lower Upper
64 100
66 7.8 26.4 39.6#

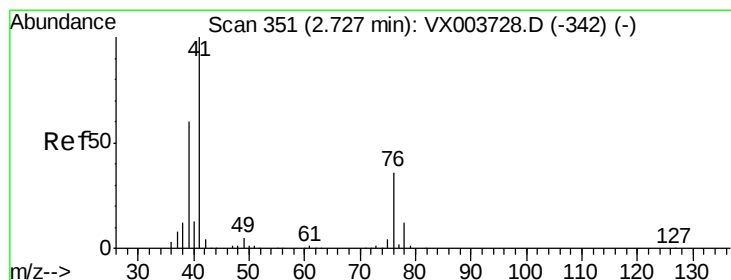
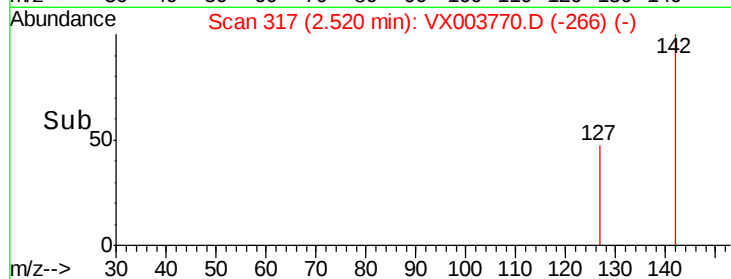
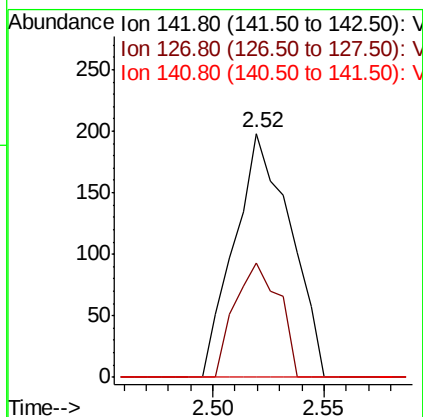
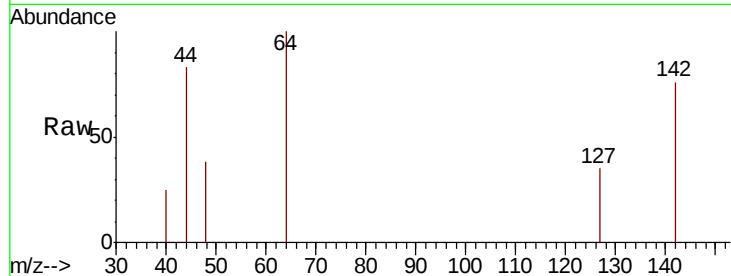




#10
Methvl Iodide
Concen: 3.44 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

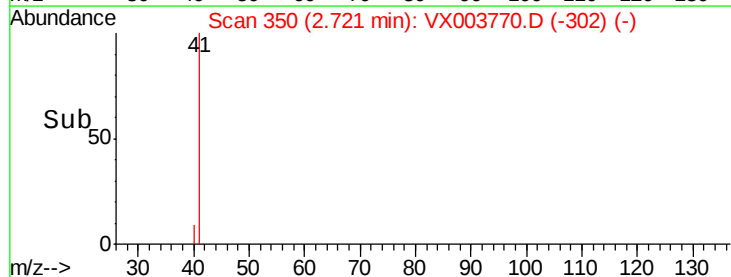
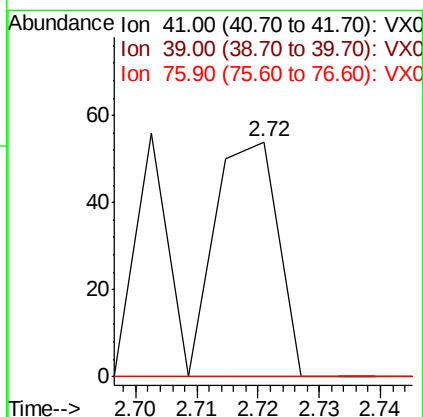
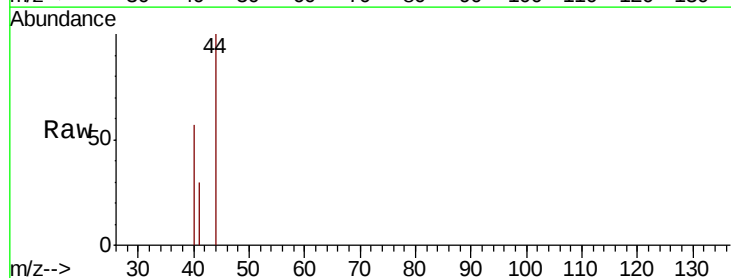
Instrument :
MSVOA_X
ClientSampled :
SB-7(3-5)

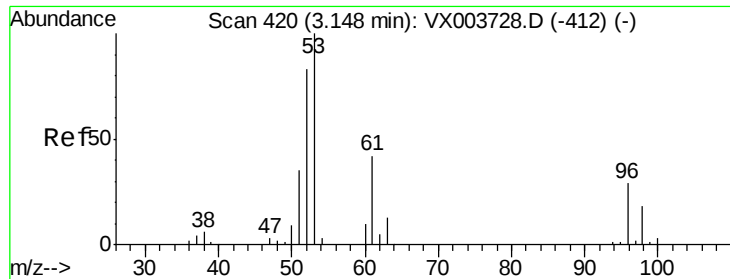
Tot Ion:142 Resp: 346
Ion Ratio Lower Upper
142 100
127 37.3 32.0 48.0
141 0.0 11.3 16.9#



#14
Allyl chloride
Concen: 0.26 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Tgt Ion: 41 Resp: 38
Ion Ratio Lower Upper
41 100
39 0.0 47.7 71.5#
76 0.0 27.0 40.6#





#15

Acrylonitrile

Concen: 2.87 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampled :

SB-7(3-5)

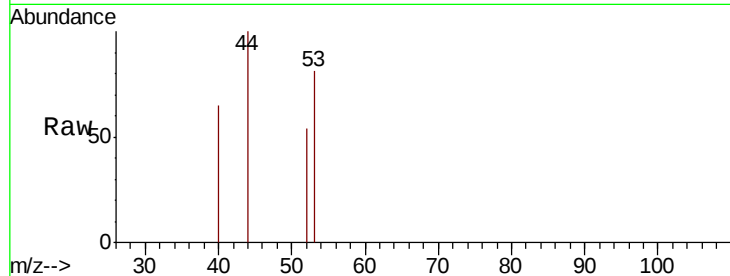
Tot Ion: 53 Resp: 110

Ion Ratio Lower Upper

53 100

52 61.8 66.2 99.2#

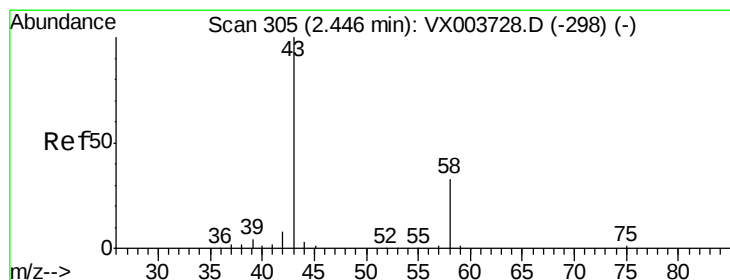
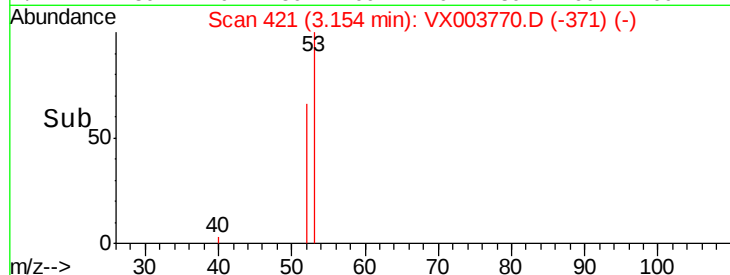
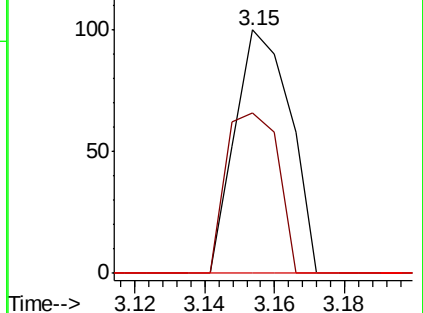
51 0.0 28.5 42.7#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.48 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003770.D

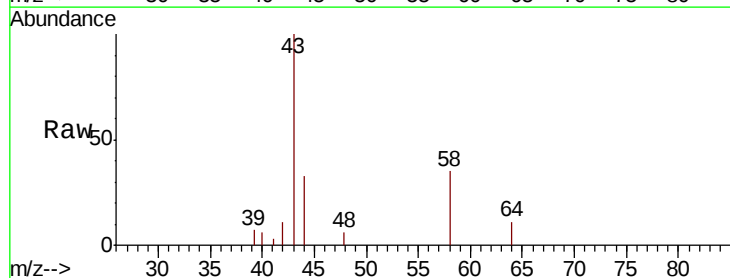
Acq: 01 Aug 2018 01:23

Tgt Ion: 43 Resp: 3507

Ion Ratio Lower Upper

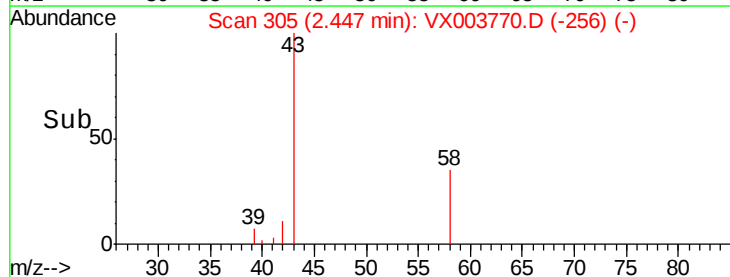
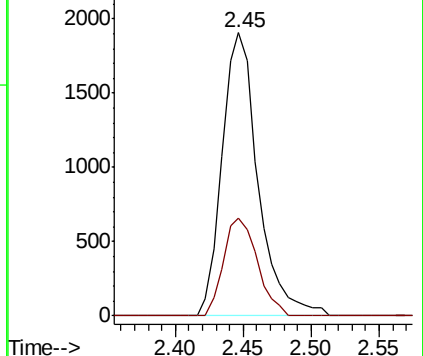
43 100

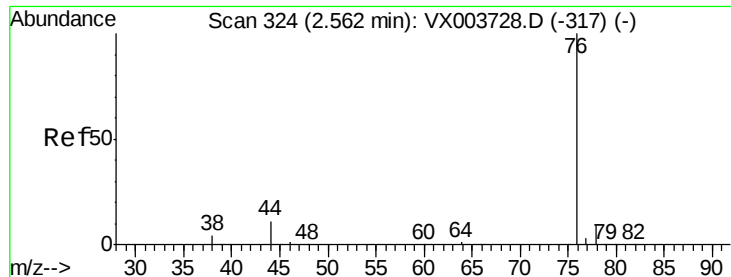
58 34.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

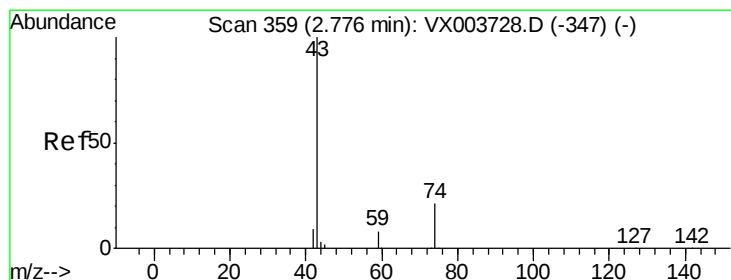
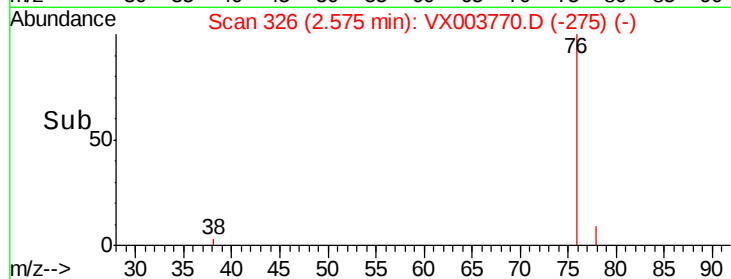
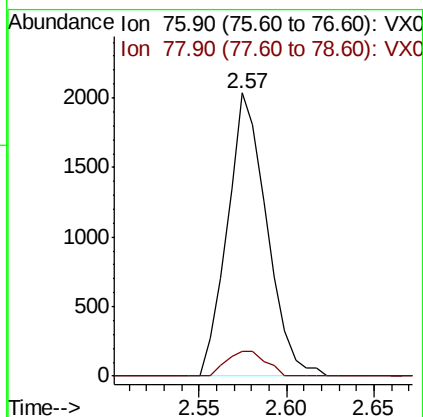
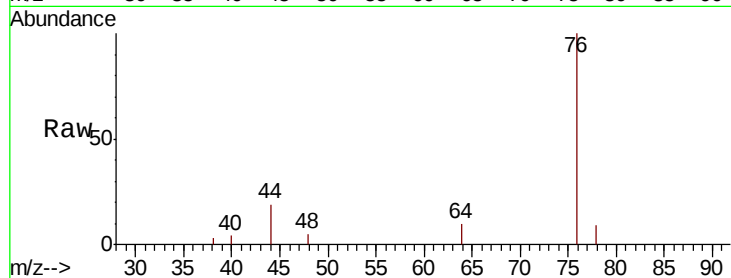




#17
Carbon Disulfide
Concen: 11.85 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

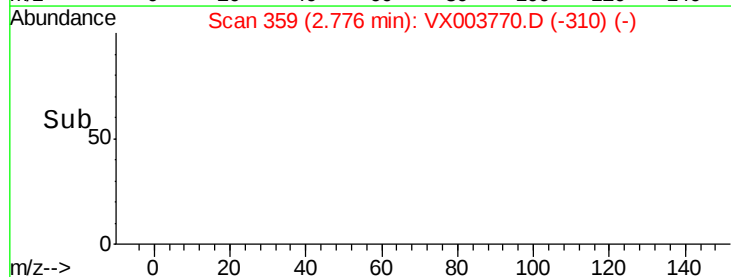
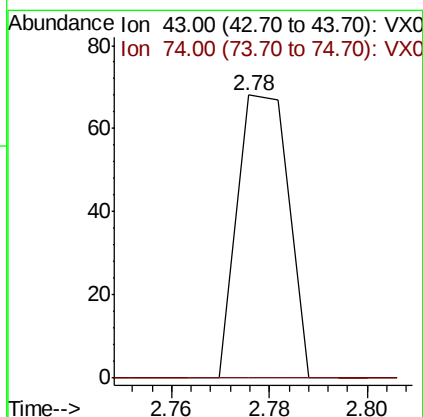
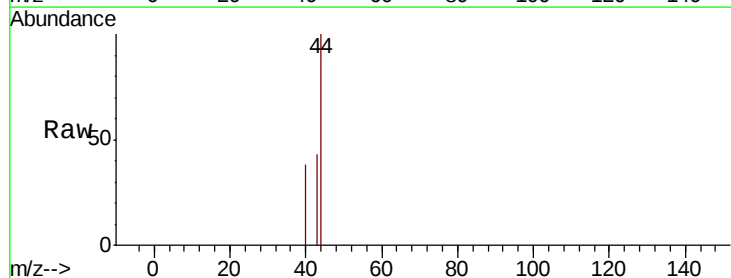
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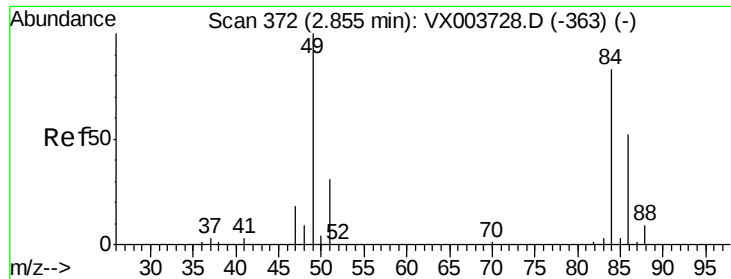
Tot Ion: 76 Resp: 3176
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 0.49 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



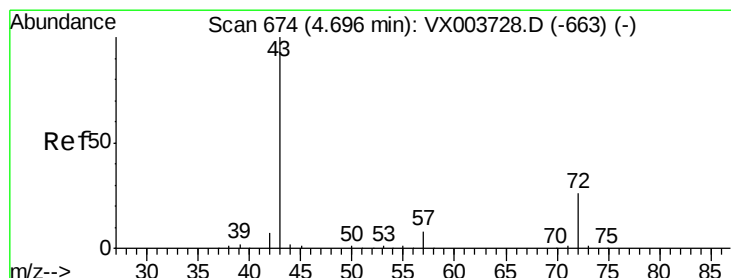
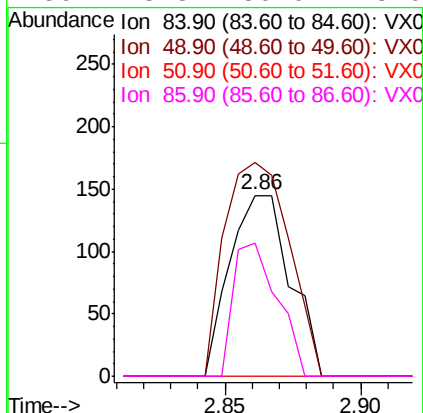
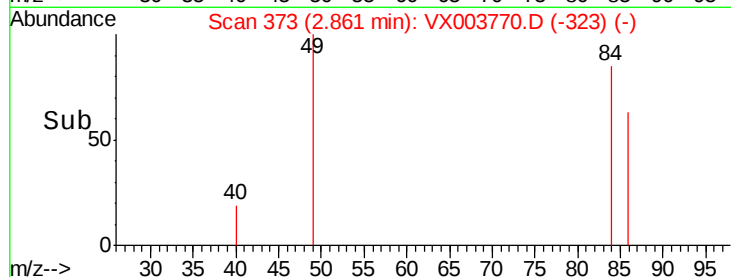
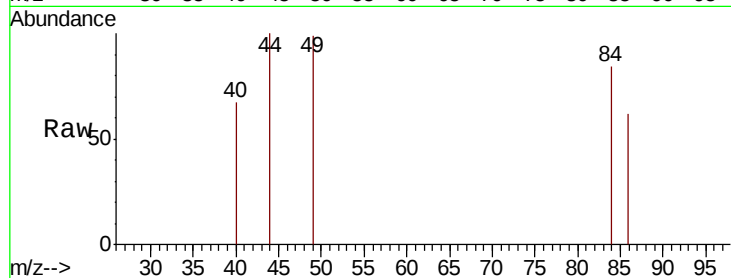


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)

Tot Ion: 84 Resp: 224

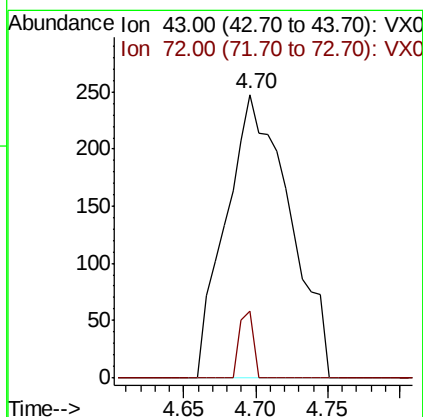
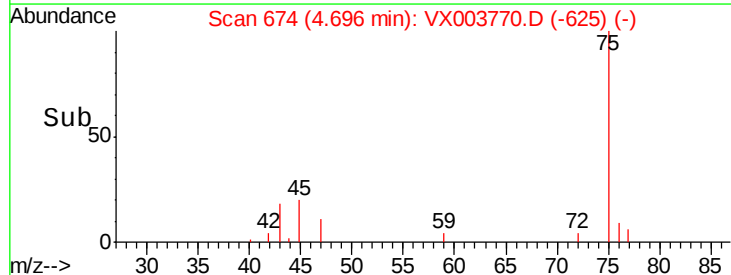
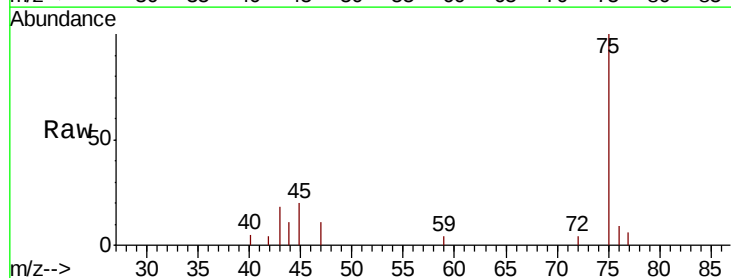
Ion	Ratio	Lower	Upper
84	100		
49	117.9	95.8	143.8
51	0.0	29.6	44.4#
86	73.8	50.0	75.0

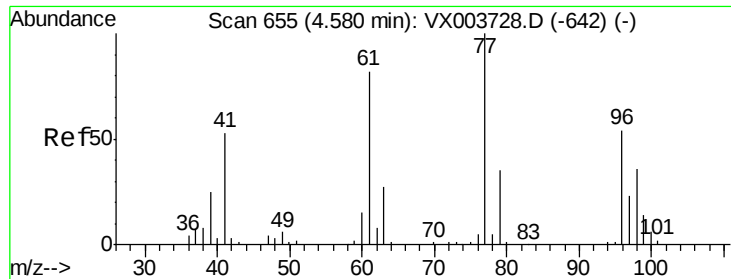


#25
2-Butanone
Concen: 14.60 ug/l
RT: 4.70 min Scan# 674
Delta R.T. 0.00 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Tgt Ion: 43 Resp: 758

Ion	Ratio	Lower	Upper
43	100		
72	23.4	20.9	31.3





#26

2,2-Dichloropropane

Concen: 1.07 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.12 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

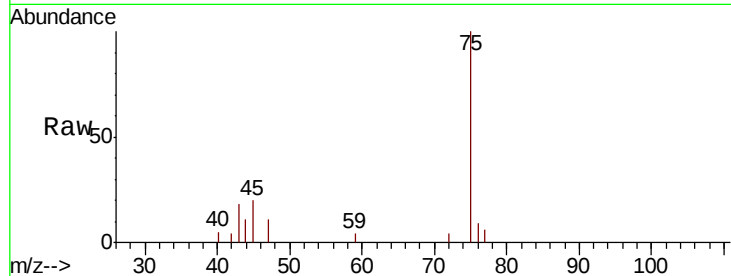
SB-7(3-5)

Tot Ion: 77 Resp: 130

Ion Ratio Lower Upper

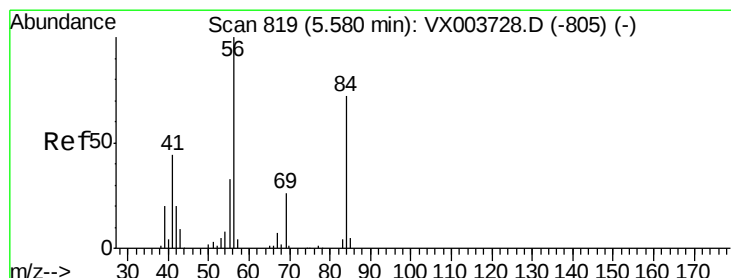
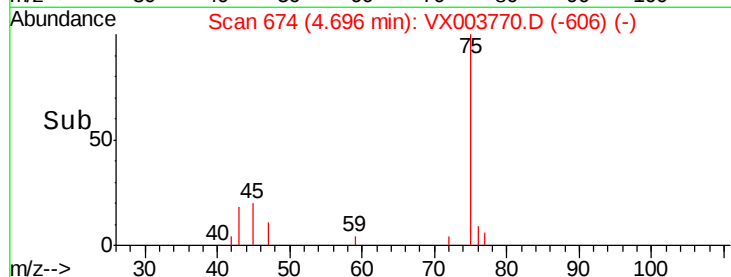
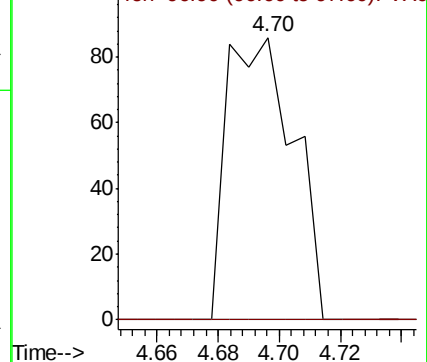
77 100

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



#31

Cyclohexane

Concen: 0.74 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

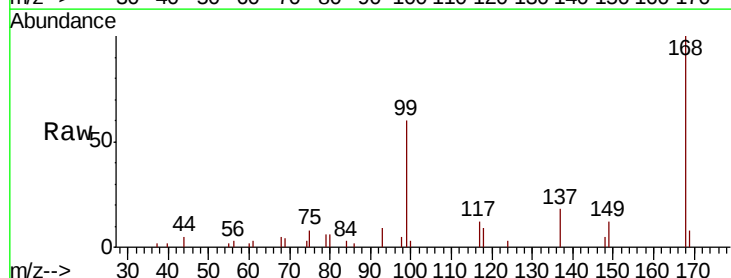
Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

69 120.0 20.6 30.8#

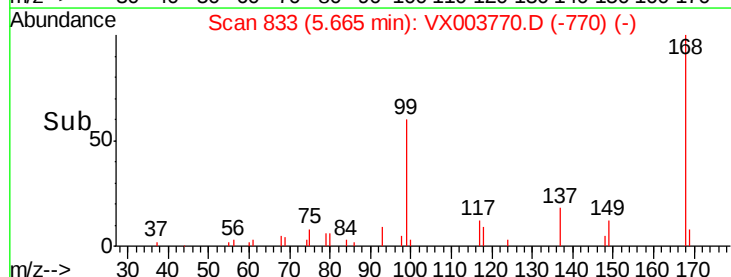
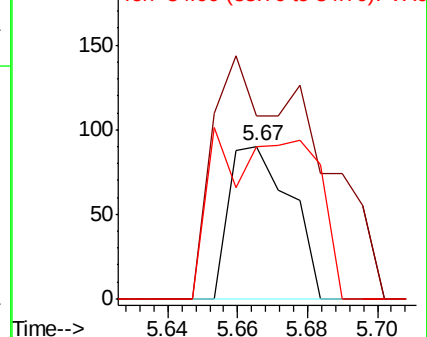
84 100.0 57.9 86.9#

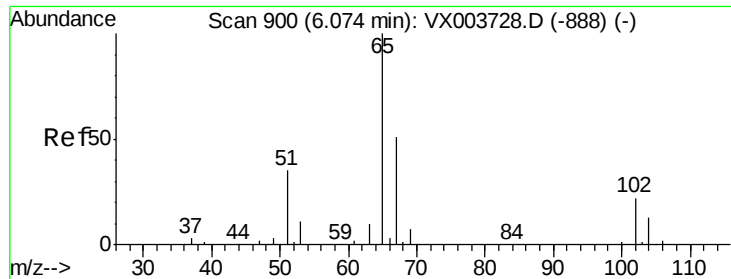


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.09 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

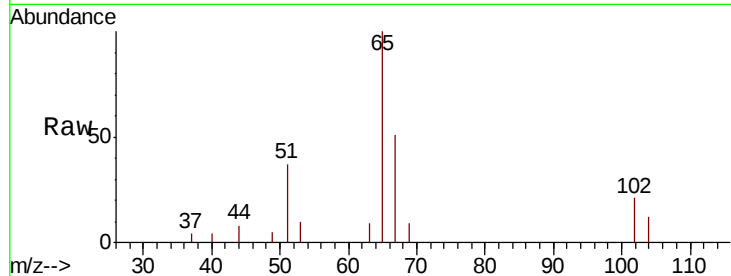
SB-7(3-5)

Tot Ion: 65 Resp: 4390

Ion Ratio Lower Upper

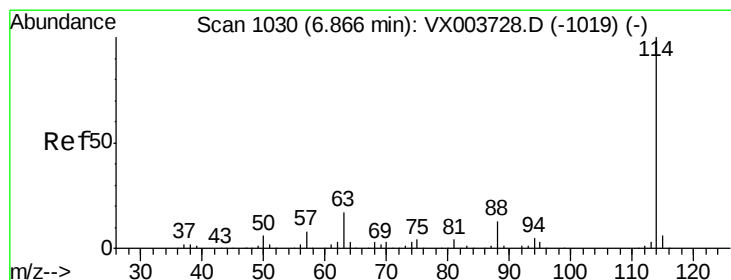
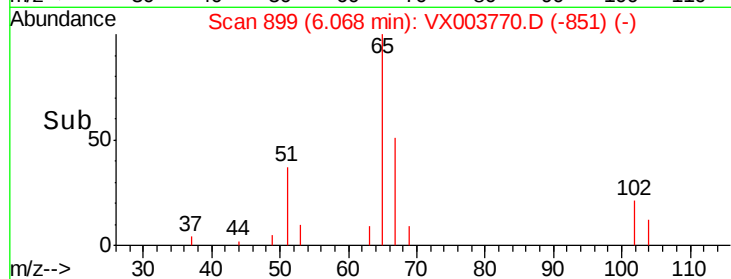
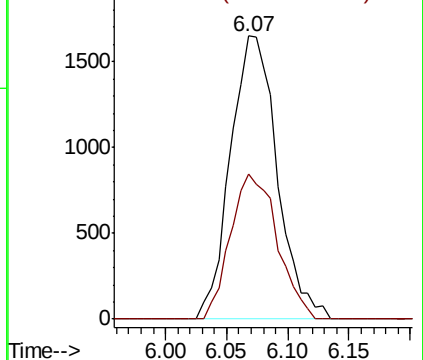
65 100

67 51.3 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# 1030

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

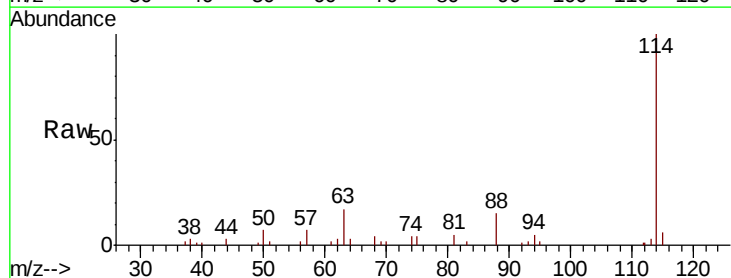
Tgt Ion: 114 Resp: 12601

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

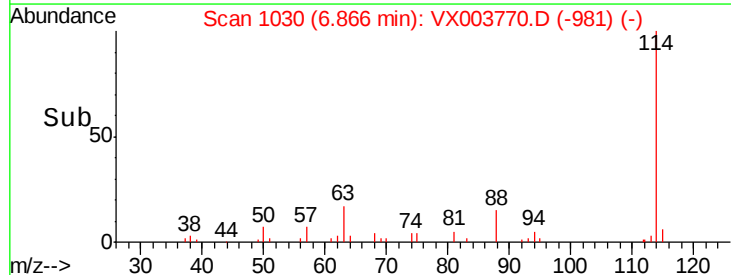
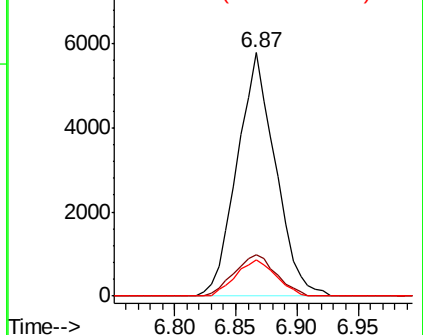
88 14.6 0.0 26.4

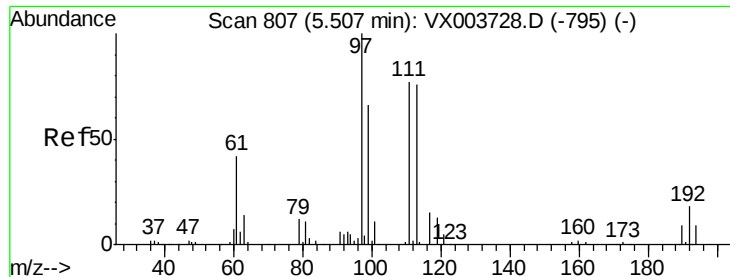


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 3.71 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

SB-7(3-5)

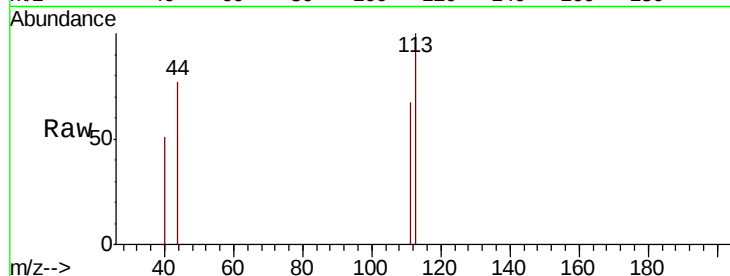
Tot Ion:113 Resp: 275

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

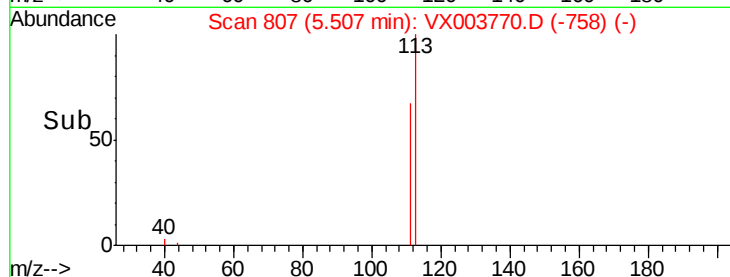
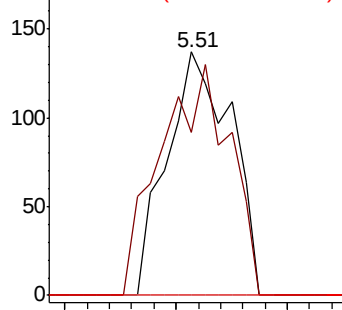
192 0.0 18.8 28.2#



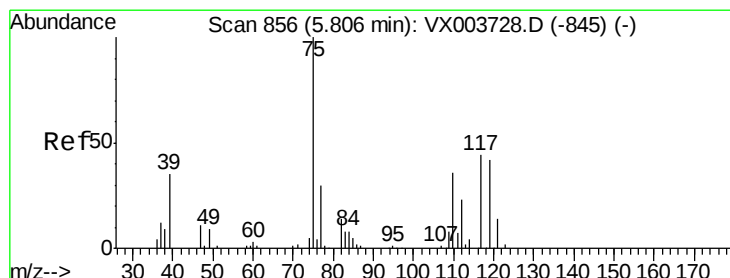
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 5.36 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

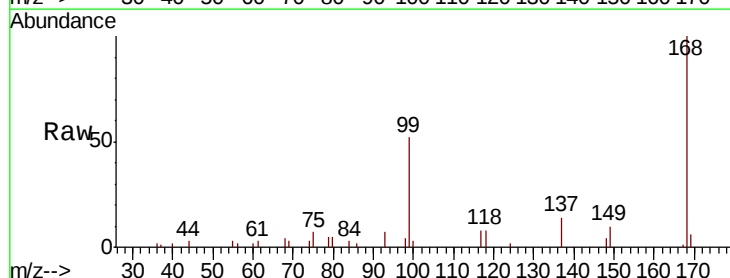
Tgt Ion: 75 Resp: 633

Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

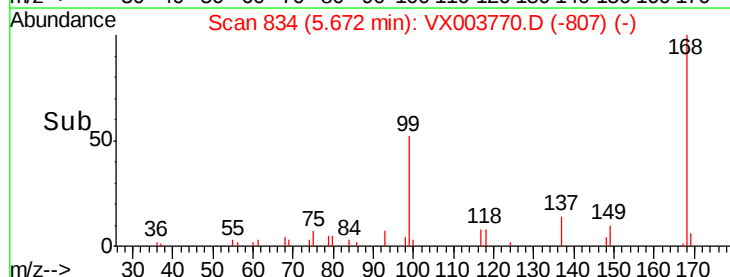
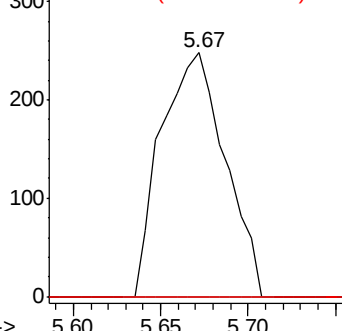
77 0.0 25.1 37.7#

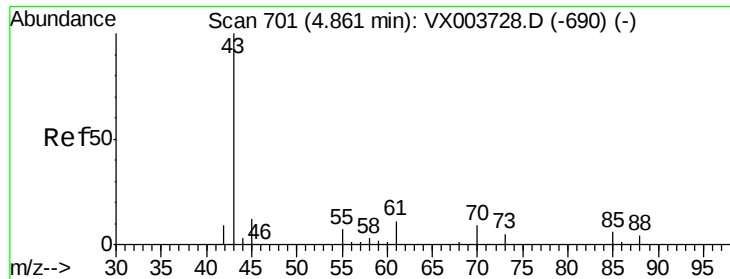


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 8.36 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.16 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

SB-7(3-5)

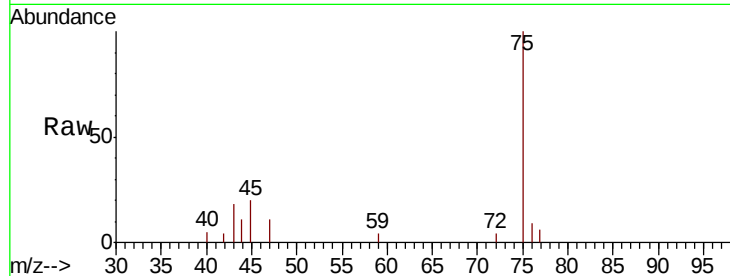
Tot Ion: 43 Resp: 758

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

4.70

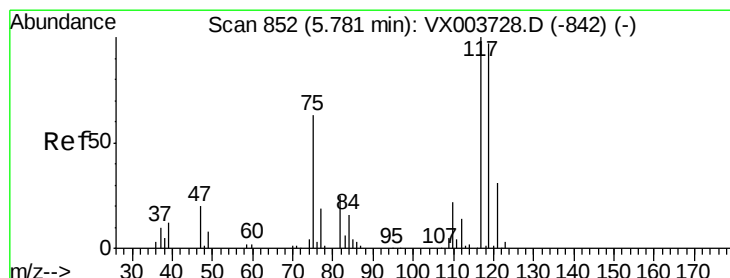
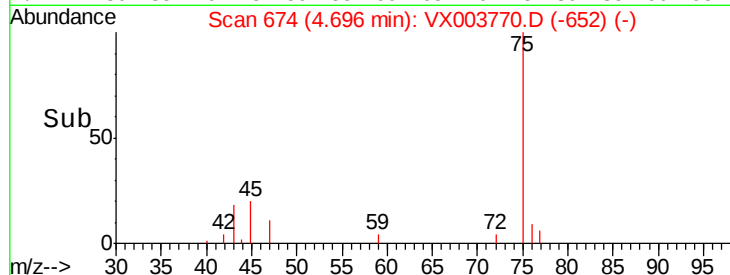
200

100

0

4.65 4.70 4.75

Time-->



#38

Carbon Tetrachloride

Concen: 7.44 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

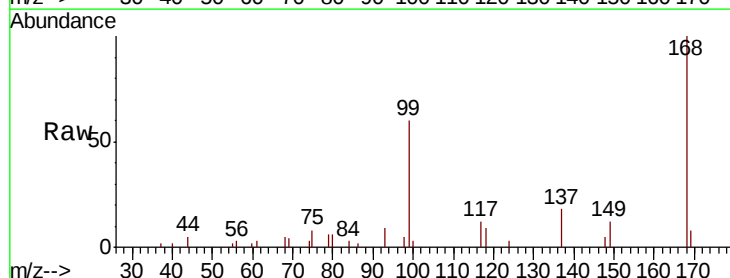
Tgt Ion: 117 Resp: 812

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

5.67

400

300

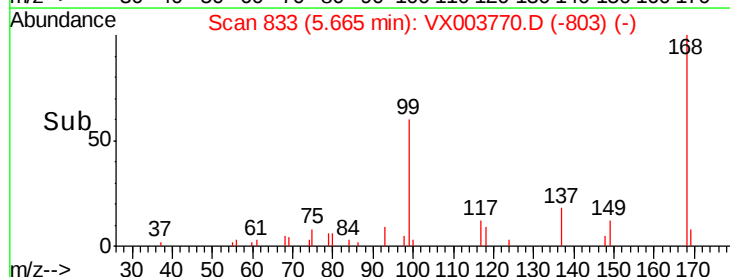
200

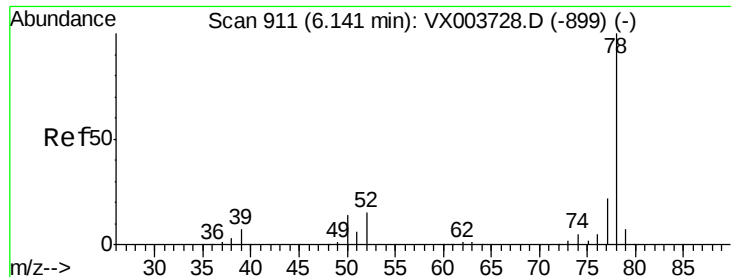
100

0

5.60 5.65 5.70

Time-->





#40

Benzene

Concen: 0.62 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

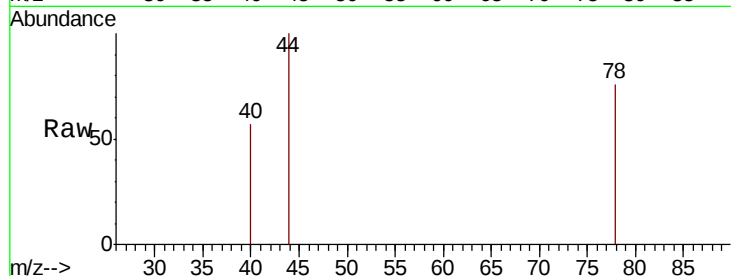
SB-7(3-5)

Tot Ion: 78 Resp: 210

Ion Ratio Lower Upper

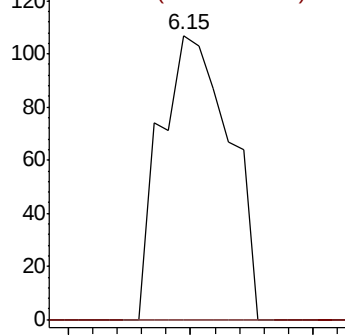
78 100

77 0.0 17.9 26.9#

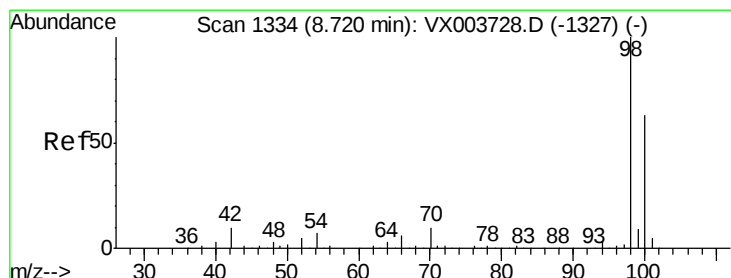
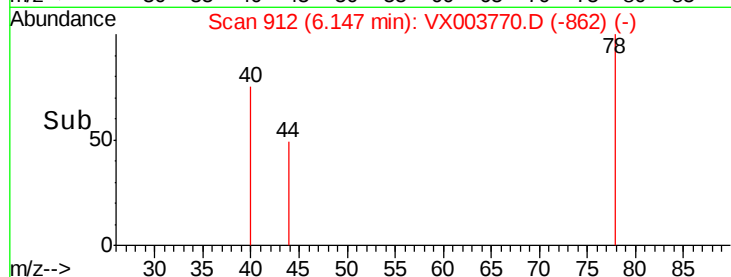


Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#50

Toluene-d8

Concen: 45.88 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003770.D

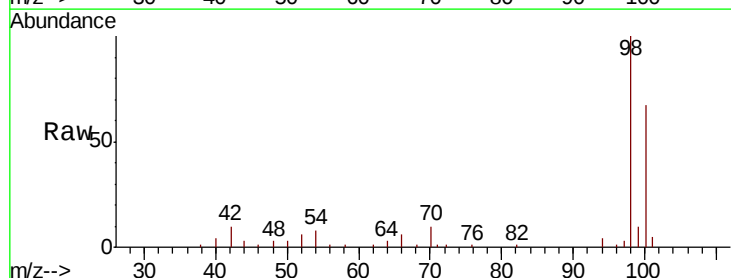
Acq: 01 Aug 2018 01:23

Tgt Ion: 98 Resp: 14192

Ion Ratio Lower Upper

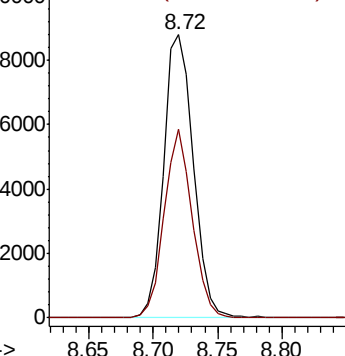
98 100

100 62.8 51.4 77.0

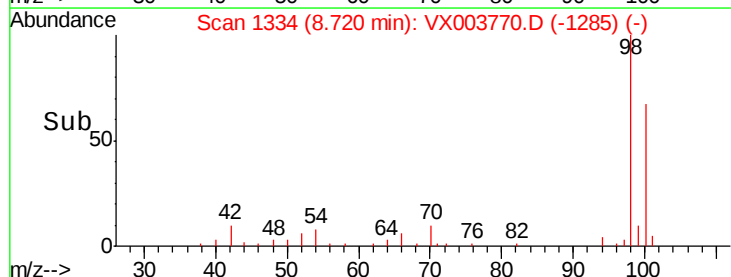


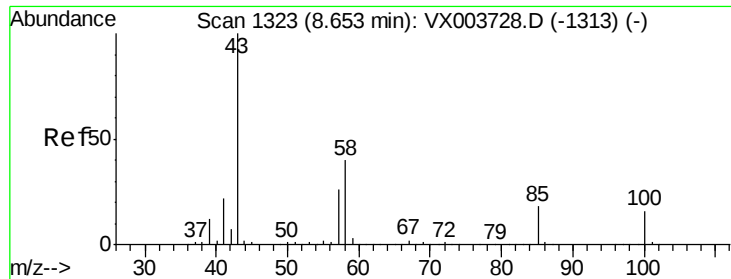
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.21 ug/l

RT: 8.71 min Scan# 1332

Delta R.T. 0.05 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

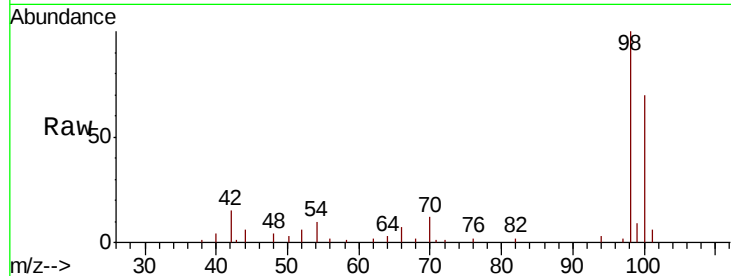
SB-7(3-5)

Tot Ion: 43 Resp: 19

Ion Ratio Lower Upper

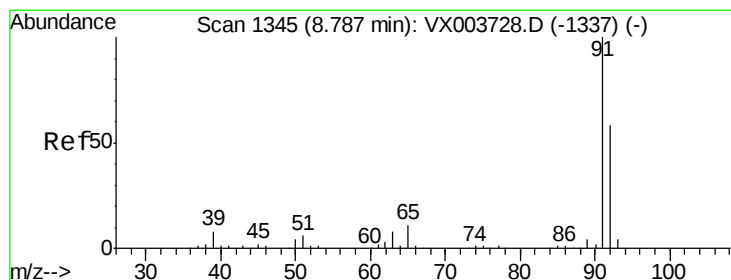
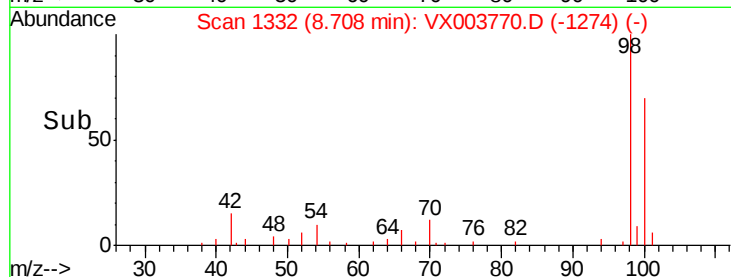
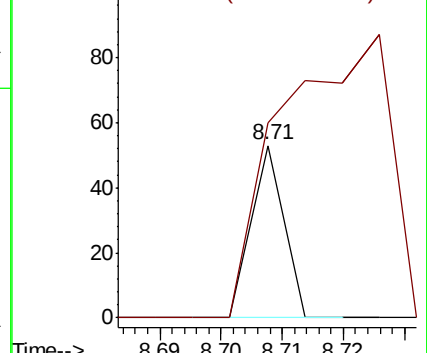
43 100

58 563.2 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.56 ug/l

RT: 8.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VX003770.D

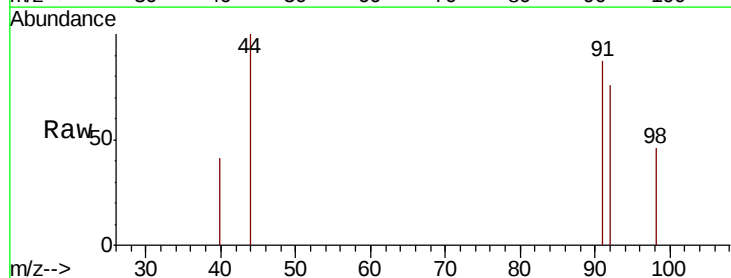
Acq: 01 Aug 2018 01:23

Tgt Ion: 92 Resp: 119

Ion Ratio Lower Upper

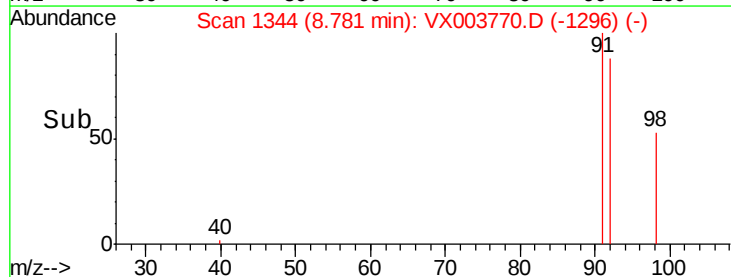
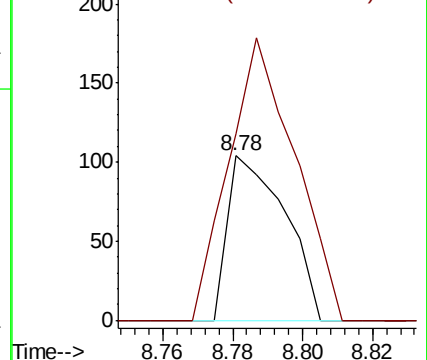
92 100

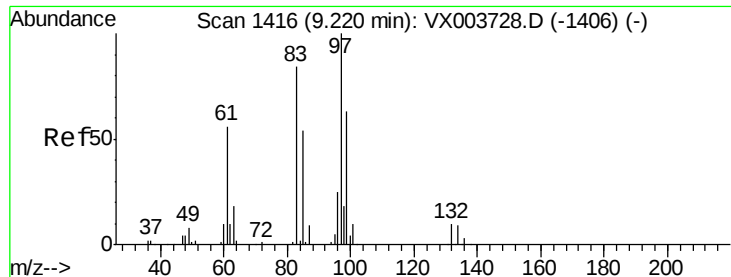
91 197.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

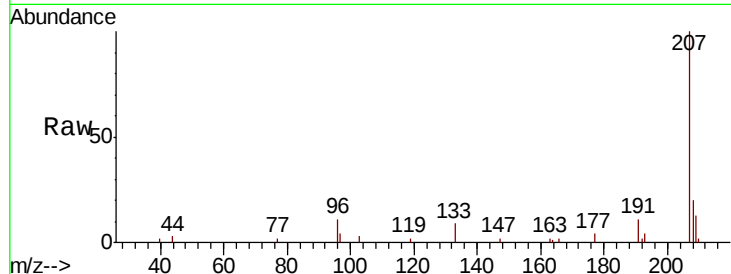




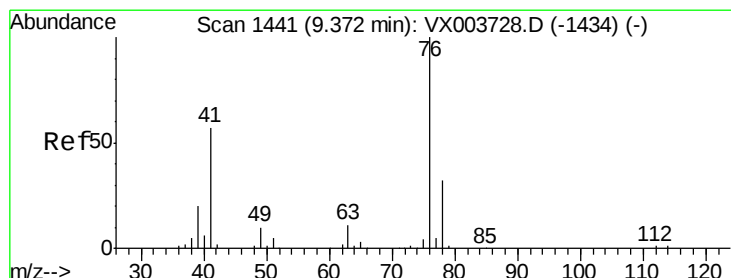
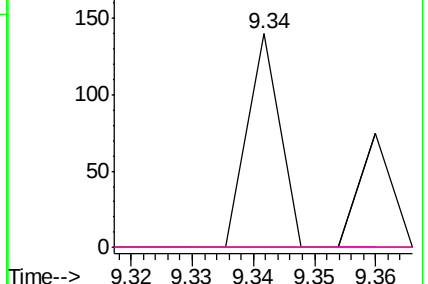
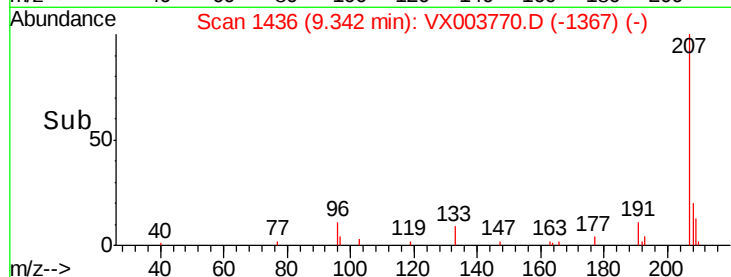
#55
 1,1,2-Trichloroethane
 Concen: 0.70 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.12 min
 Lab File: VX003770.D
 Acq: 01 Aug 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7(3-5)

Tot Ion: 97 Resp: 51
 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#

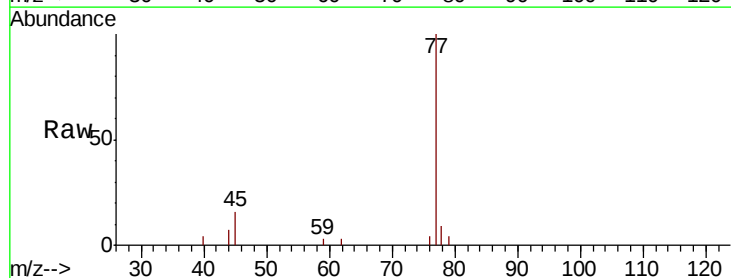


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

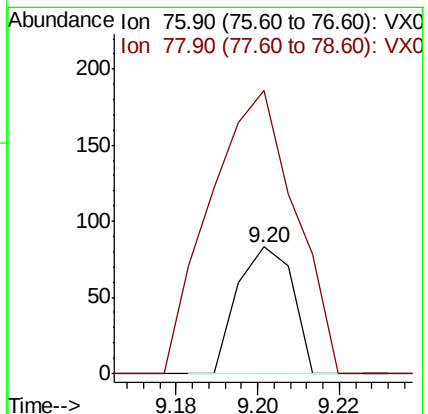
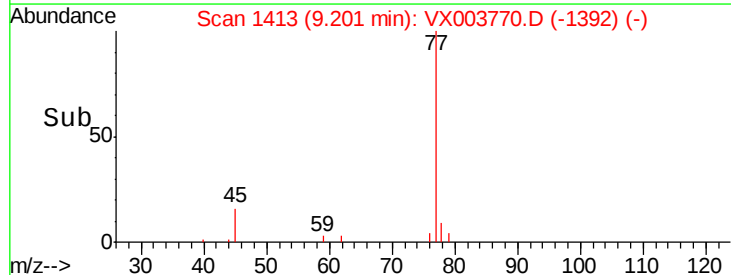


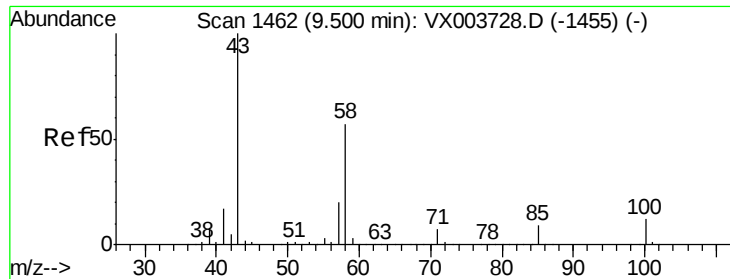
#57
 1,3-Dichloropropane
 Concen: 0.64 ug/l
 RT: 9.20 min Scan# 1413
 Delta R.T. -0.17 min
 Lab File: VX003770.D
 Acq: 01 Aug 2018 01:23

Tgt Ion: 76 Resp: 78
 Ion Ratio Lower Upper
 76 100
 78 347.4 25.7 38.5#



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

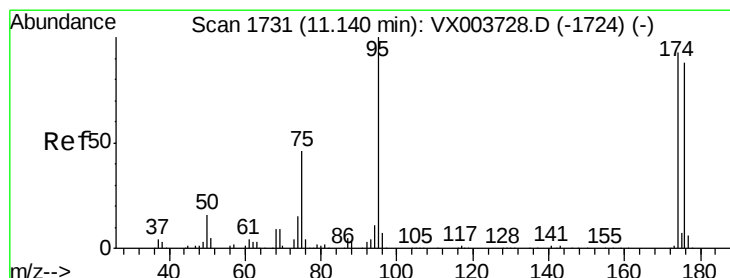
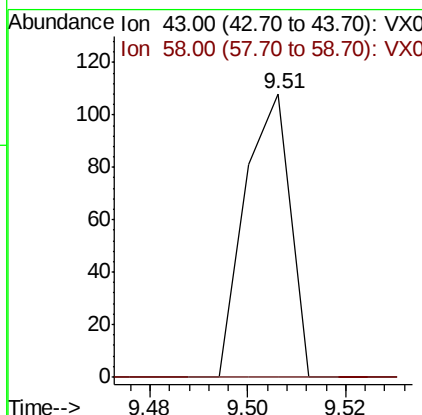
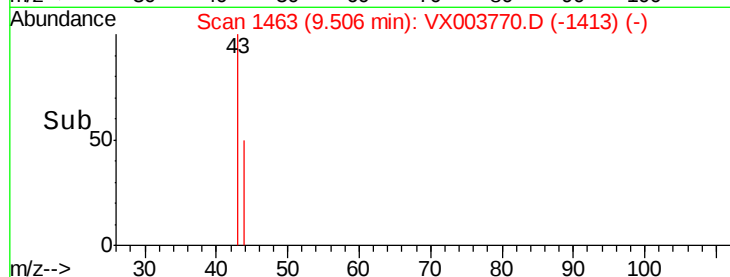
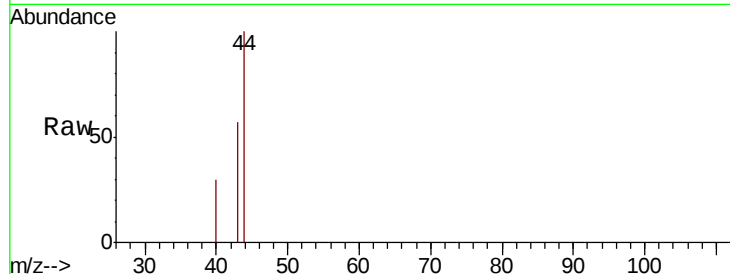




#59
2-Hexanone
Concen: 1.02 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

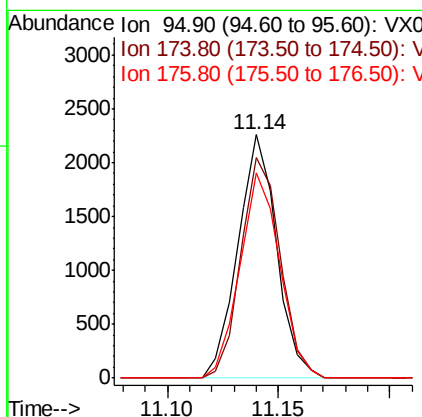
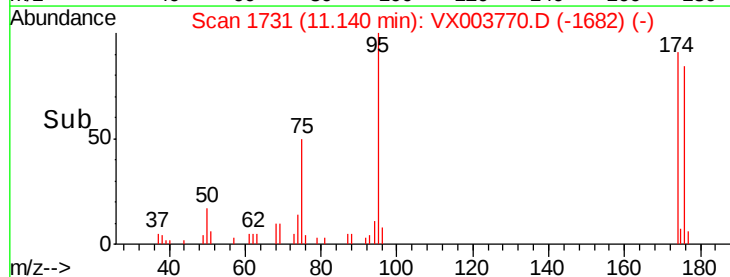
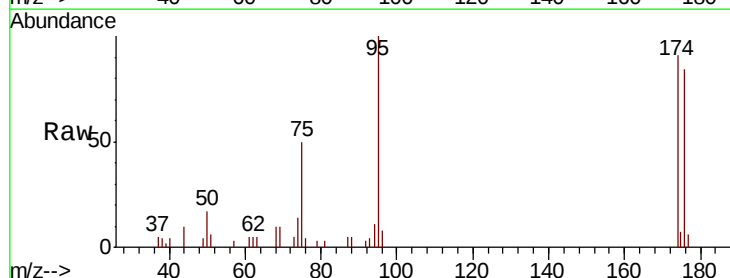
Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)

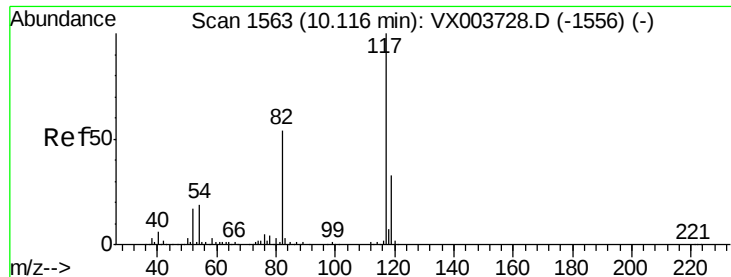
Tot Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
58 0.0 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 24.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Tgt Ion: 95 Resp: 2740
Ion Ratio Lower Upper
95 100
174 92.4 0.0 186.2
176 87.3 0.0 179.2

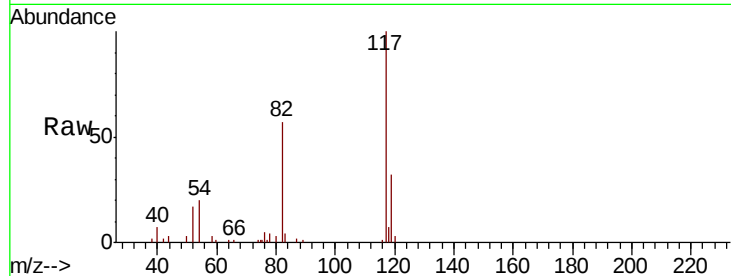




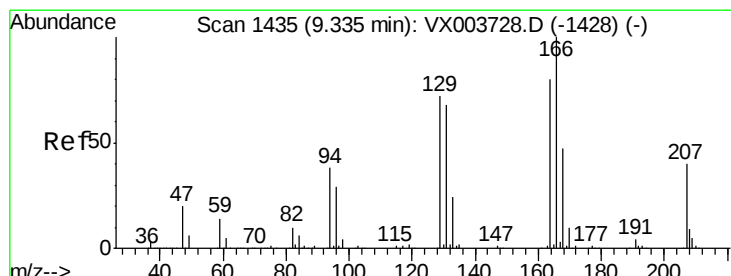
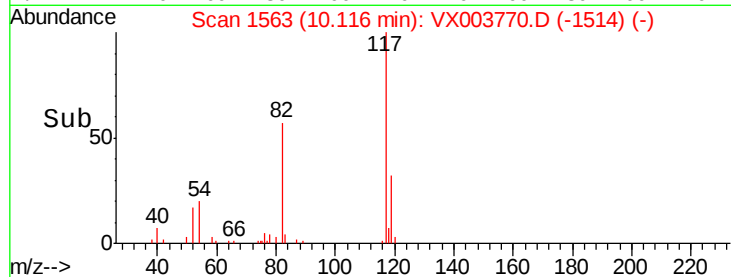
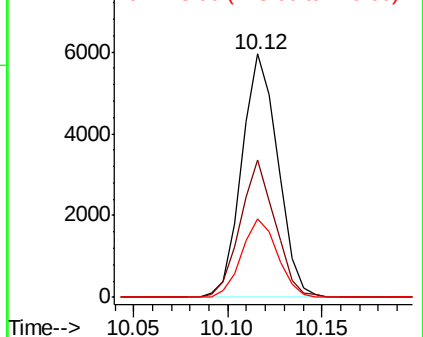
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)

Tot Ion:117 Resp: 7929
Ion Ratio Lower Upper
117 100
82 56.7 43.2 64.8
119 32.1 26.3 39.5

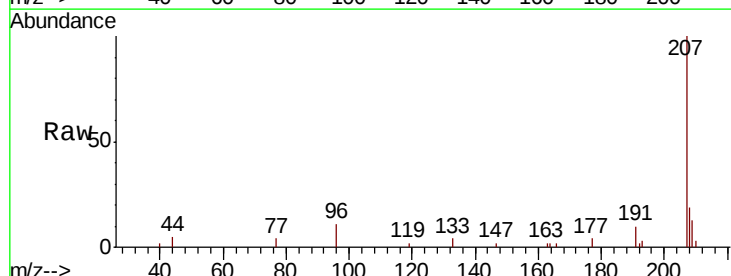


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

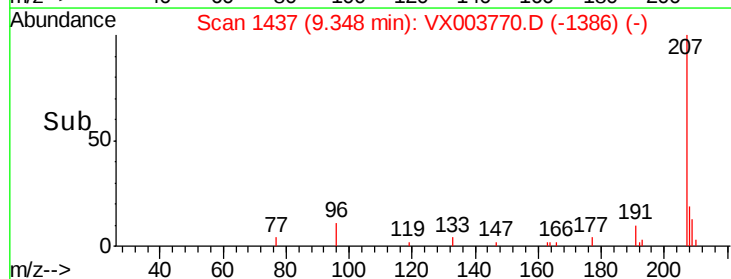
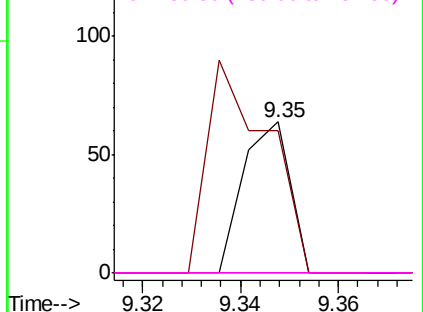


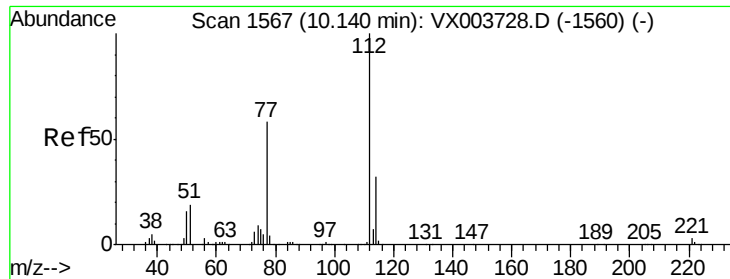
#64
Tetrachloroethene
Concen: 0.67 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. 0.01 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Tgt Ion:164 Resp: 42
Ion Ratio Lower Upper
164 100
166 93.8 100.4 150.6#
129 0.0 71.8 107.8#
131 0.0 68.3 102.5#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 0.71 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampled :

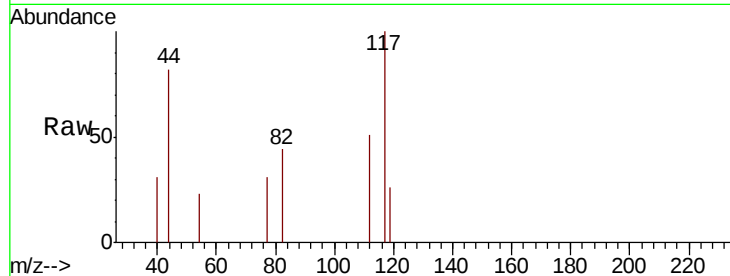
SB-7(3-5)

Tot Ion:112 Resp: 118

Ion Ratio Lower Upper

112 100

114 0.0 25.7 38.5#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

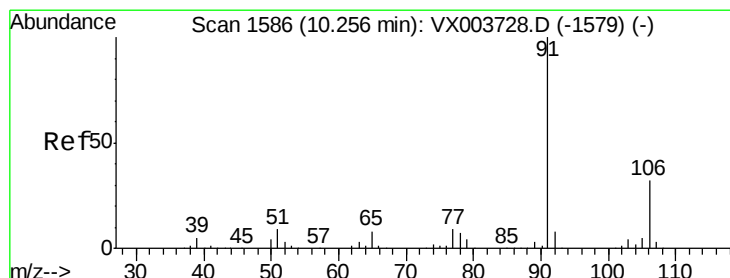
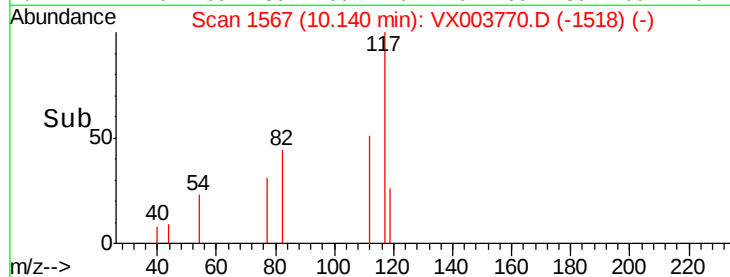
10.14

100

50

0

Time-->



#67

Ethyl Benzene

Concen: 0.79 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003770.D

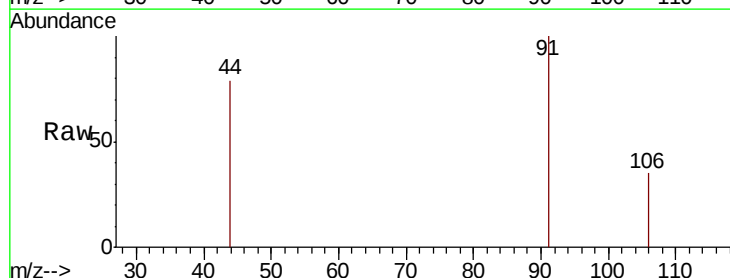
Acq: 01 Aug 2018 01:23

Tgt Ion: 91 Resp: 221

Ion Ratio Lower Upper

91 100

106 35.3 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

10.26

200

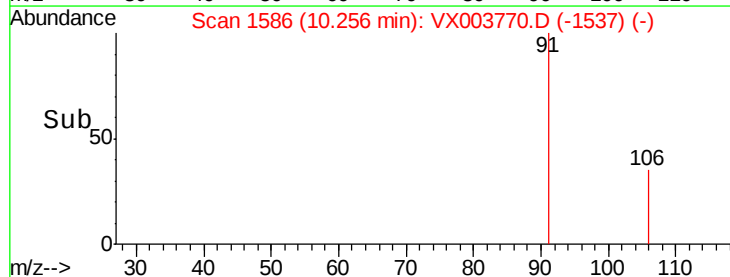
150

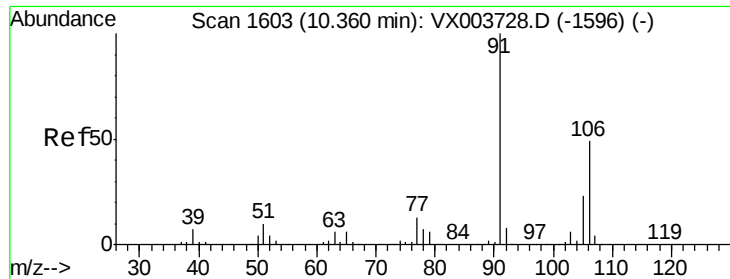
100

50

0

Time-->

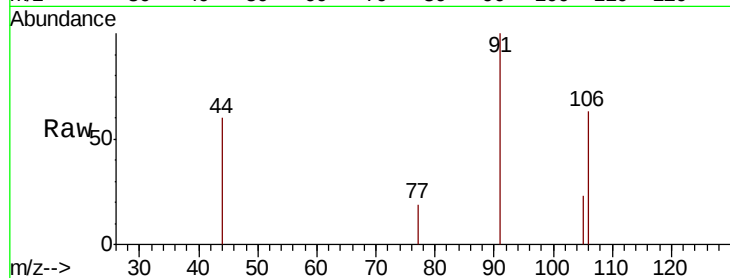




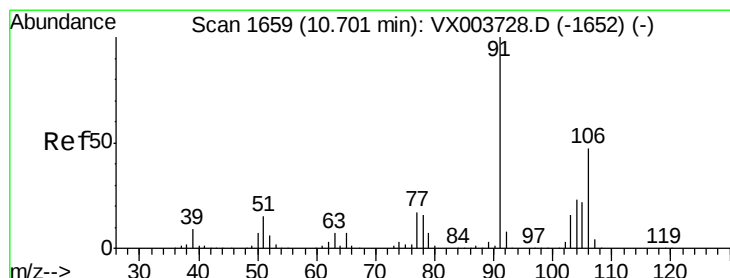
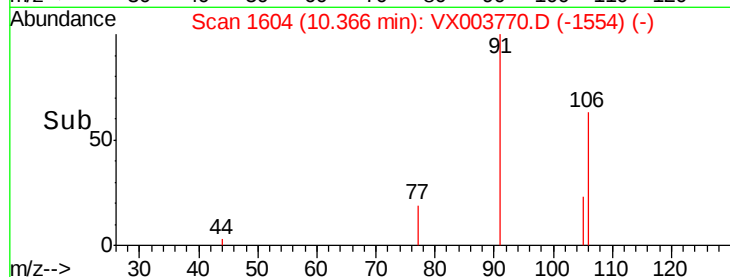
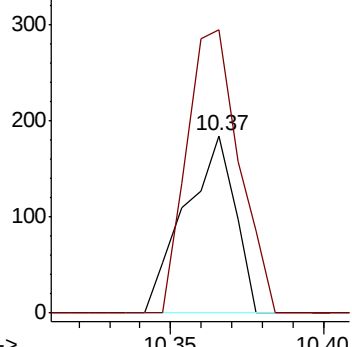
#68
m/p-Xylenes
Concen: 1.90 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)

Tot Ion:106 Resp: 208
Ion Ratio Lower Upper
106 100
91 168.3 159.8 239.8

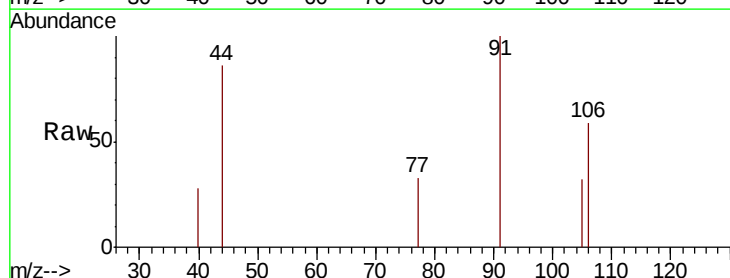


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

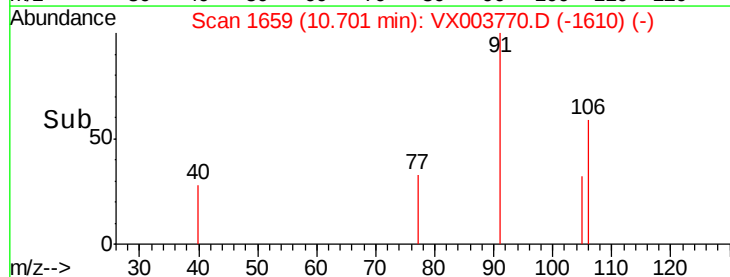
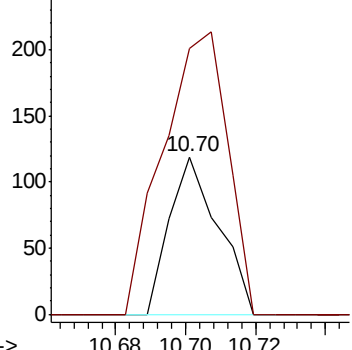


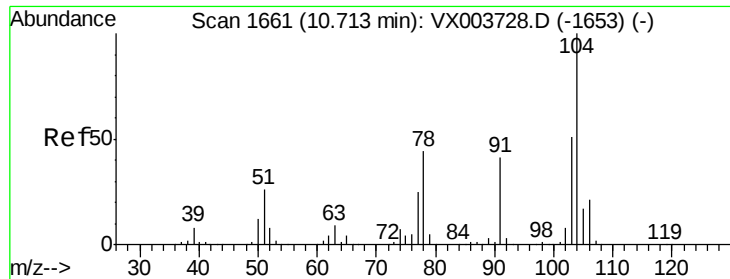
#69
o-Xylene
Concen: 1.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Tgt Ion:106 Resp: 115
Ion Ratio Lower Upper
106 100
91 237.4 105.6 316.8



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

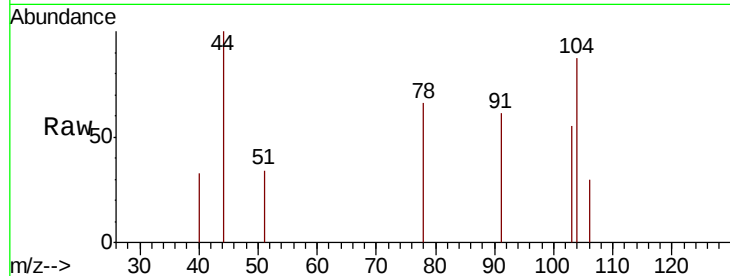




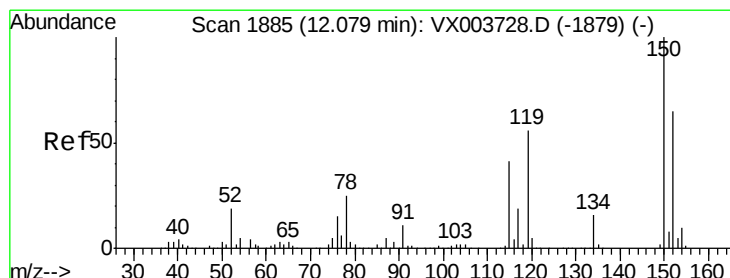
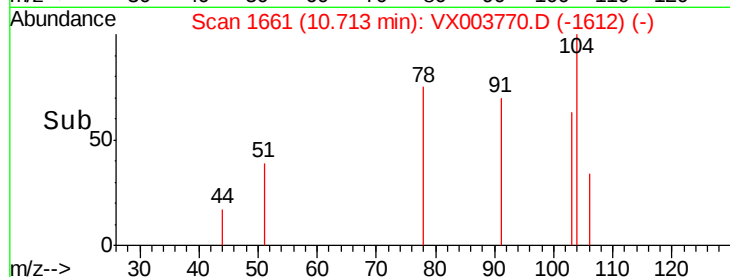
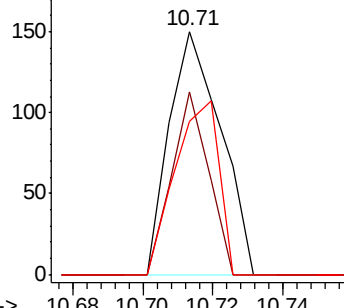
#70
Stvrene
Concen: 0.89 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
SB-7(3-5)

Tot Ion:104 Resp: 153
Ion Ratio Lower Upper
104 100
78 53.6 38.2 57.2
103 60.8 44.5 66.7

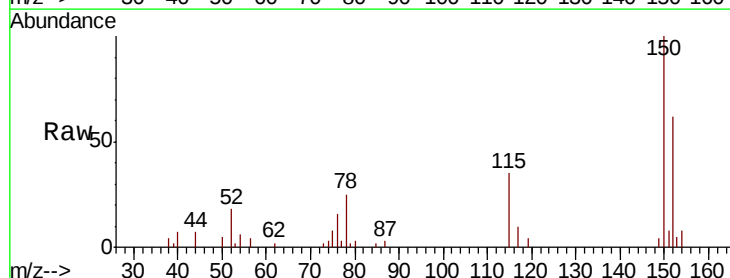


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

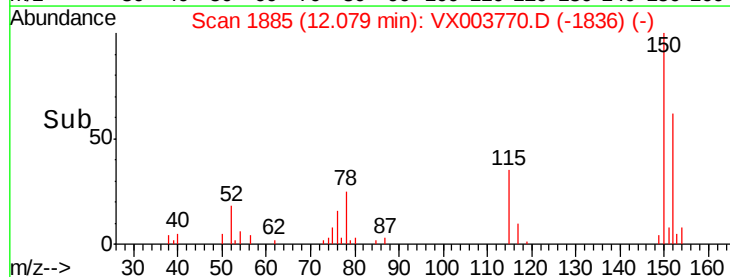
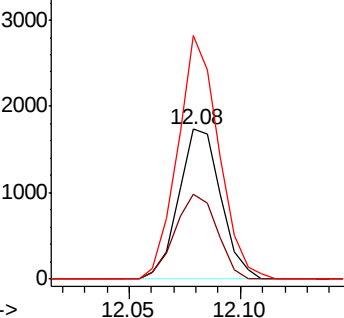


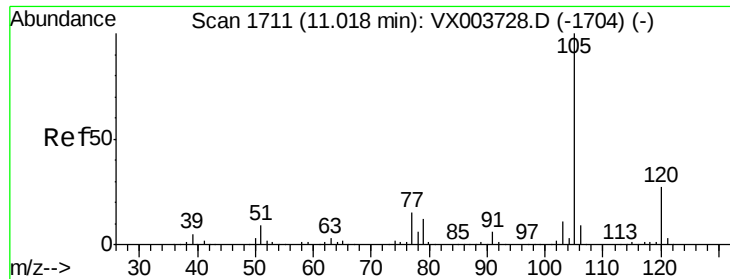
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003770.D
Acq: 01 Aug 2018 01:23

Tgt Ion:152 Resp: 2293
Ion Ratio Lower Upper
152 100
115 56.6 38.5 115.3
150 157.8 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





#73

Isopropylbenzene

Concen: 1.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

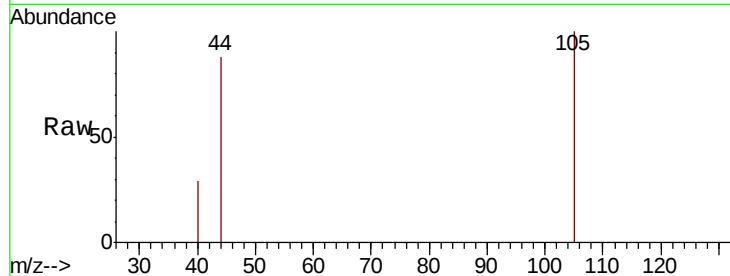
SB-7(3-5)

Tot Ion:105 Resp: 284

Ion Ratio Lower Upper

105 100

120 7.4 13.5 40.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

200

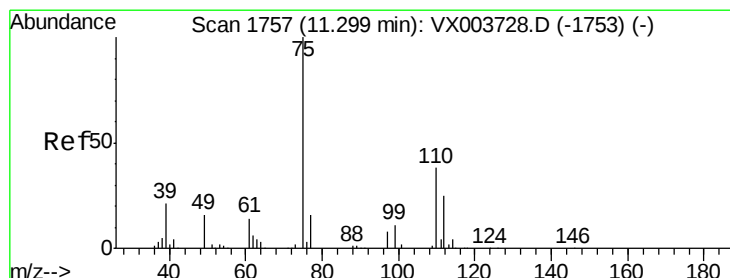
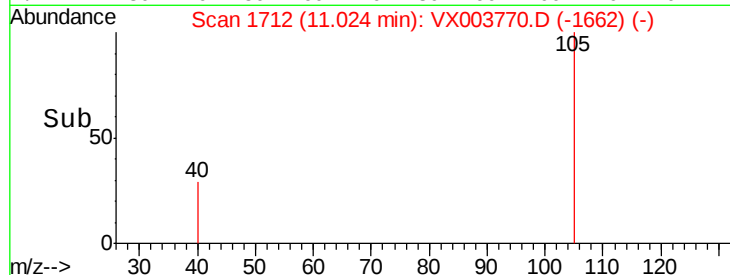
150

100

50

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 41.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003770.D

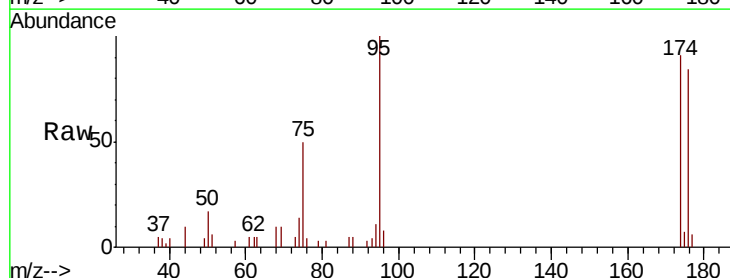
Acq: 01 Aug 2018 01:23

Tgt Ion: 75 Resp: 1312

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

11.14

1200

1000

800

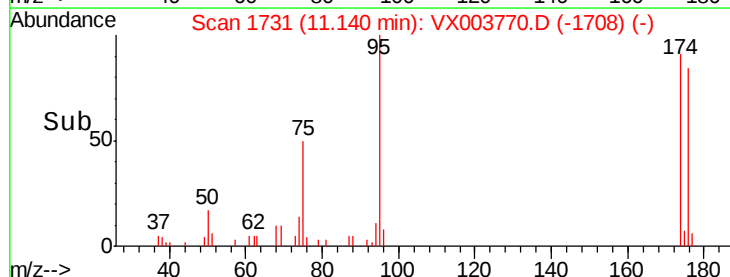
600

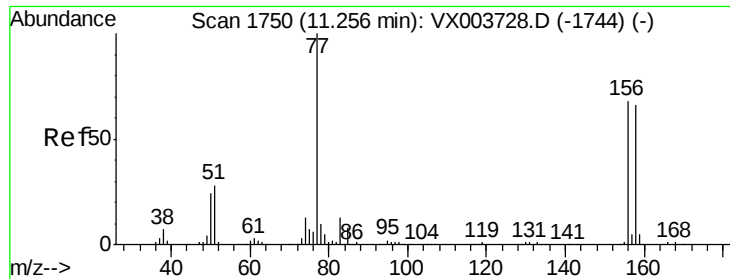
400

200

0

Time-->





#77

Bromobenzene

Concen: 2.32 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

SB-7(3-5)

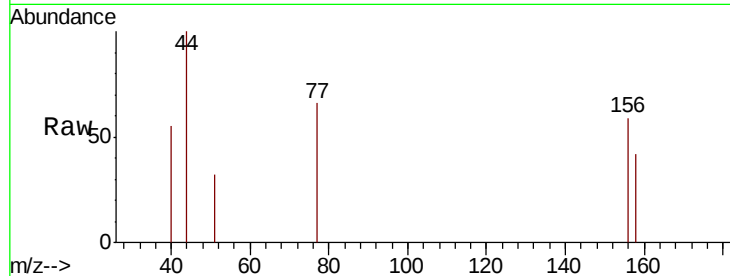
Tot Ion:156 Resp: 87

Ion Ratio Lower Upper

156 100

77 165.5 71.8 215.3

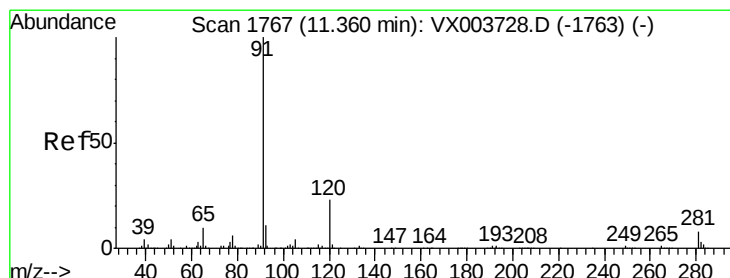
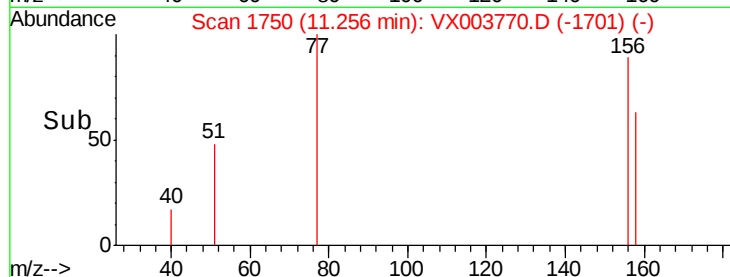
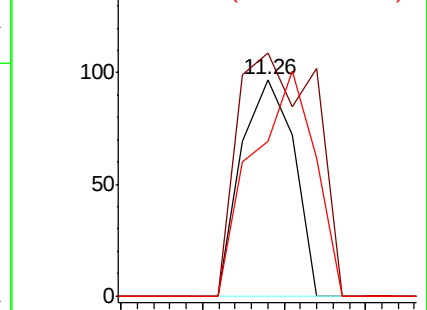
158 123.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003770.D

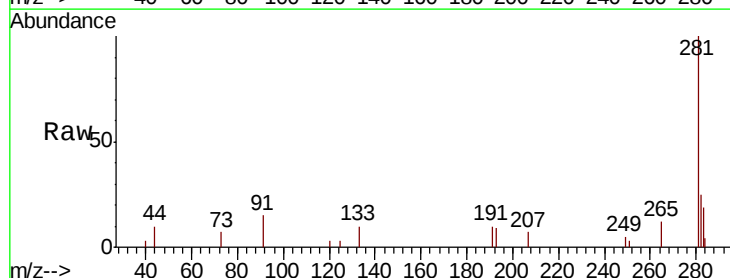
Acq: 01 Aug 2018 01:23

Tgt Ion: 91 Resp: 406

Ion Ratio Lower Upper

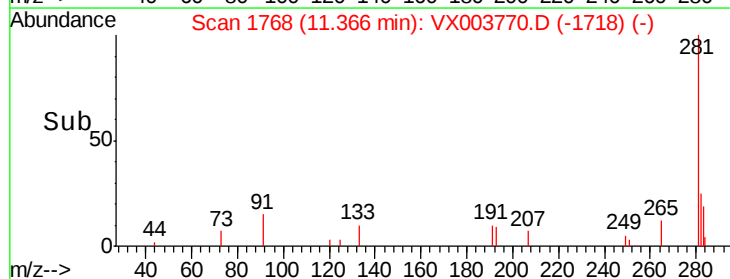
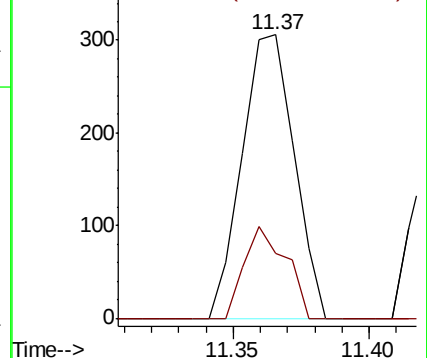
91 100

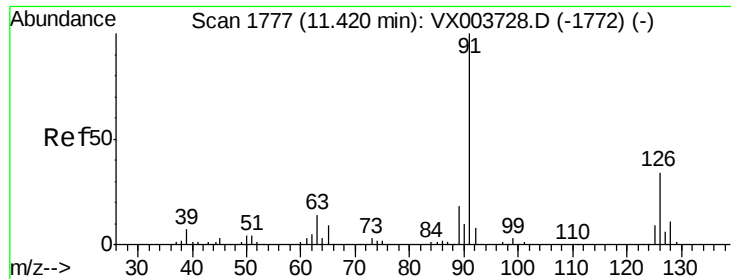
120 25.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

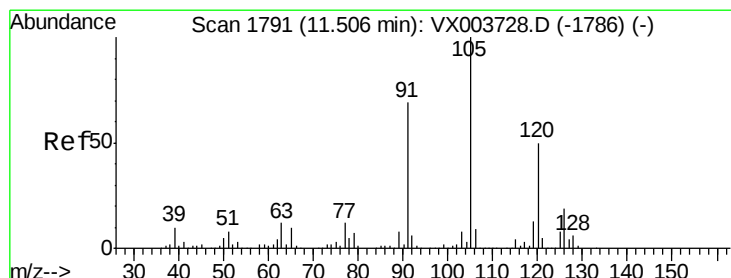
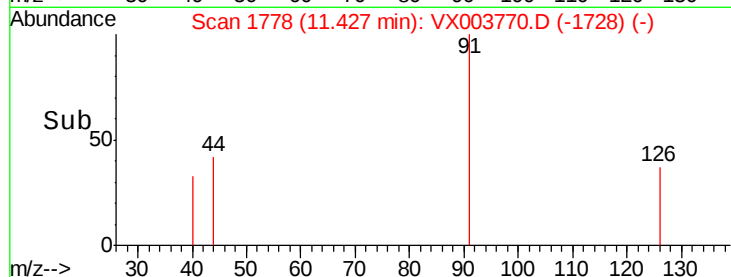
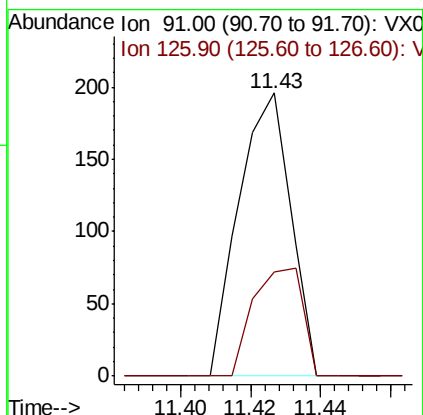
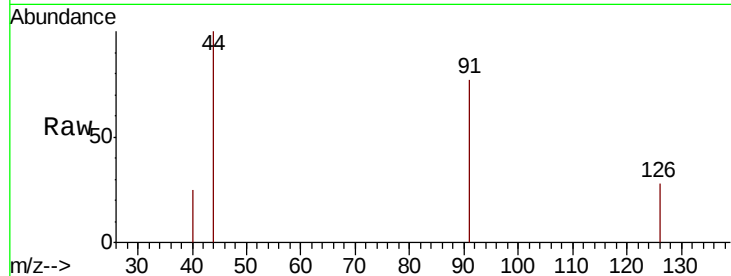




#79
 2-Chlorotoluene
 Concen: 2.05 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: VX003770.D
 Acq: 01 Aug 2018 01:23

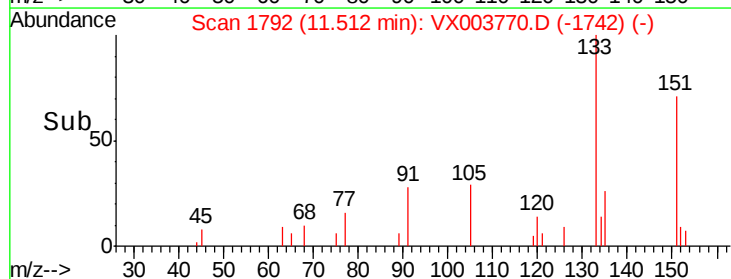
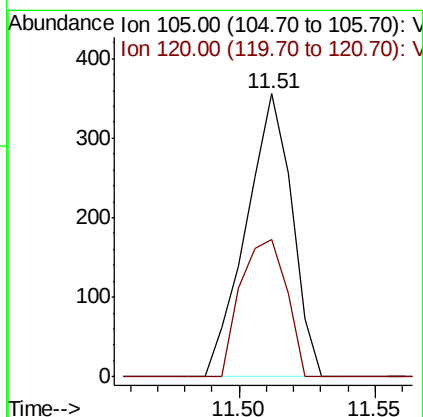
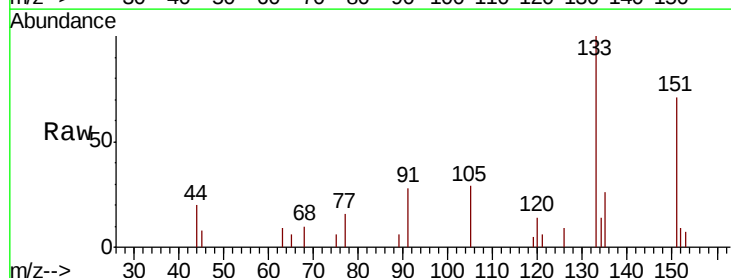
Instrument :
 MSVOA_X
 ClientSampled :
 SB-7(3-5)

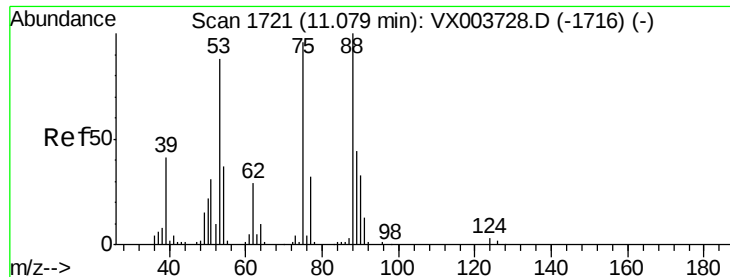
Tot Ion: 91 Resp: 202
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 3.39 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003770.D
 Acq: 01 Aug 2018 01:23

Tgt Ion: 105 Resp: 415
 Ion Ratio Lower Upper
 105 100
 120 48.7 15.8 47.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 122.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampled :

SB-7(3-5)

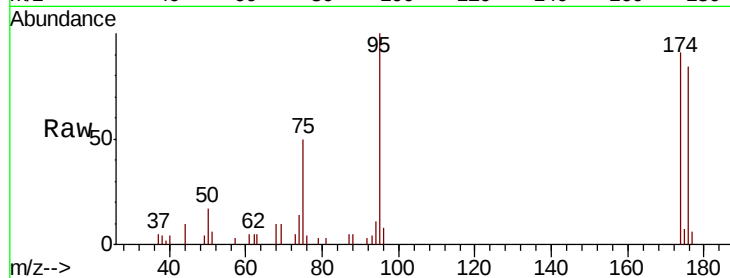
Tot Ion: 75 Resp: 1312

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

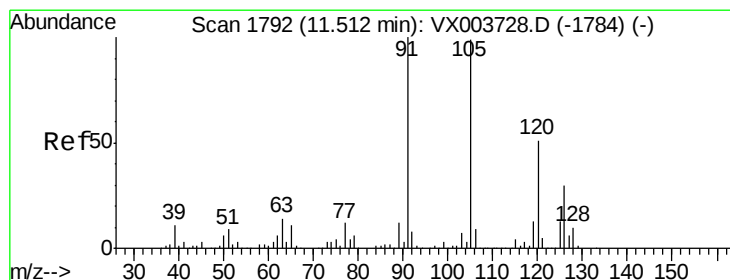
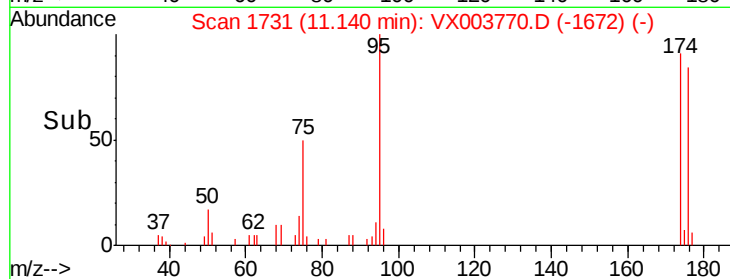
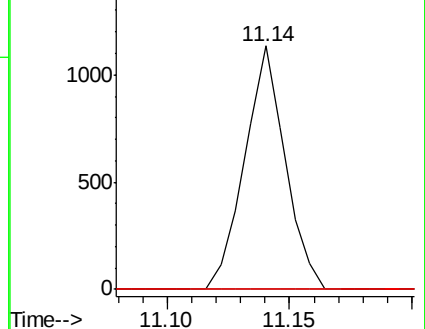
89 0.0 39.1 58.7#



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: 3.55 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003770.D

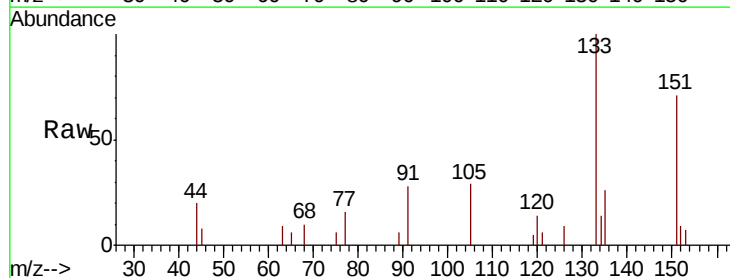
Acq: 01 Aug 2018 01:23

Tgt Ion: 91 Resp: 425

Ion Ratio Lower Upper

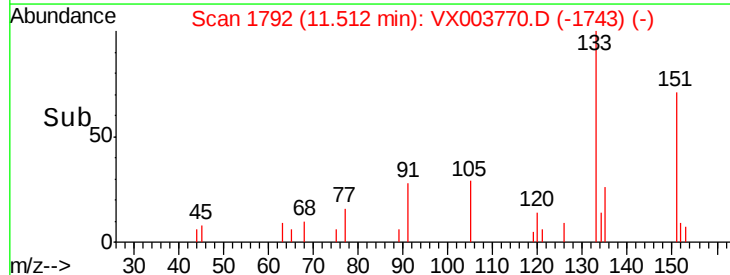
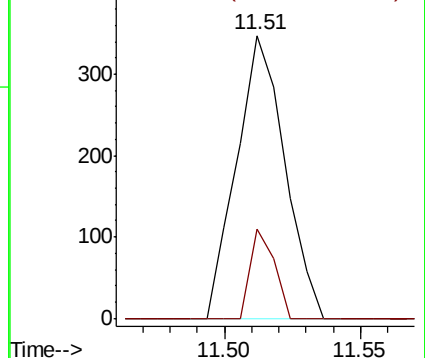
91 100

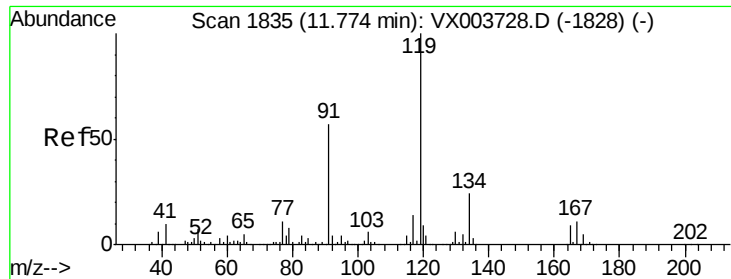
126 15.8 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

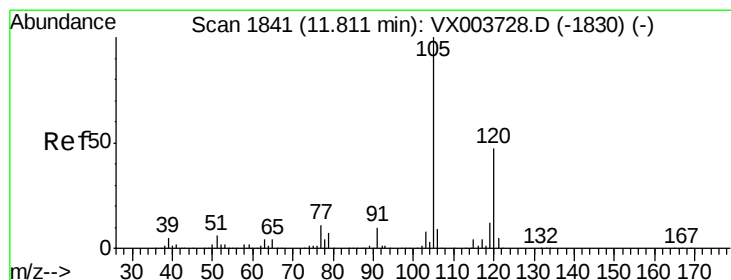
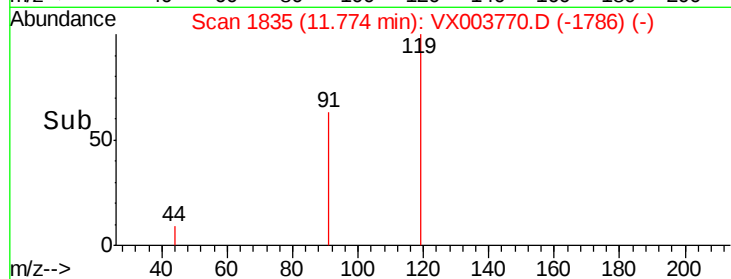
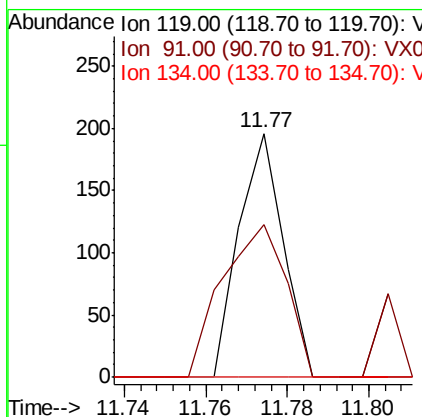
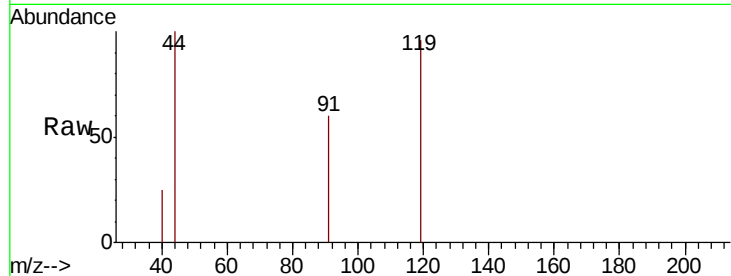




#83
 tert-Butylbenzene
 Concen: 1.22 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003770.D
 Acq: 01 Aug 2018 01:23

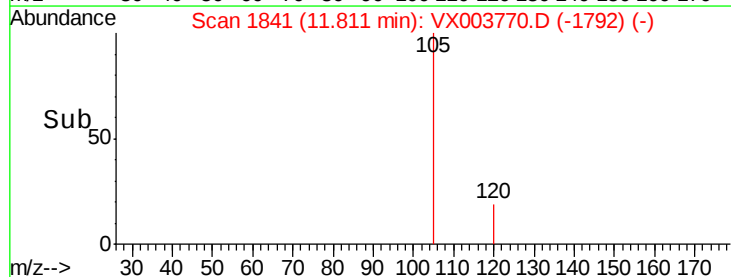
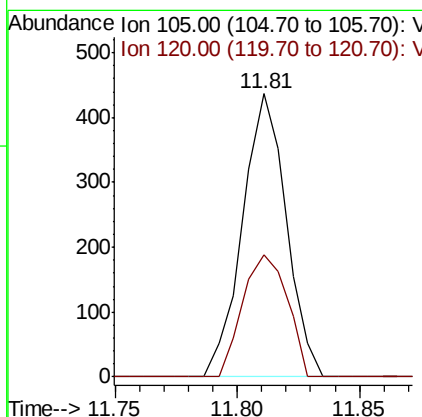
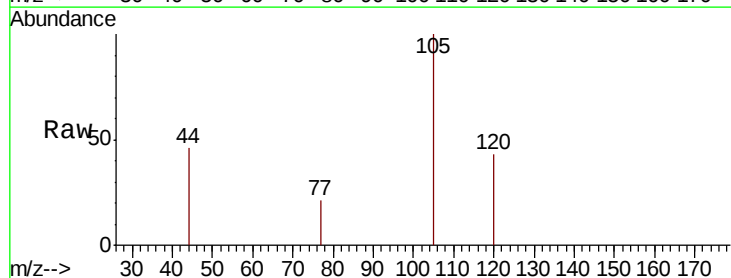
Instrument :
 MSVOA_X
 ClientSampleID :
 SB-7(3-5)

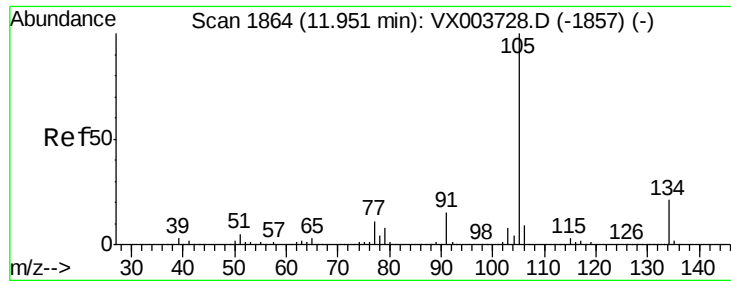
Tot Ion:119 Resp: 148
 Ion Ratio Lower Upper
 119 100
 91 89.9 27.2 81.6#
 134 0.0 11.6 34.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 4.34 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003770.D
 Acq: 01 Aug 2018 01:23

Tgt Ion:105 Resp: 547
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 2.21 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

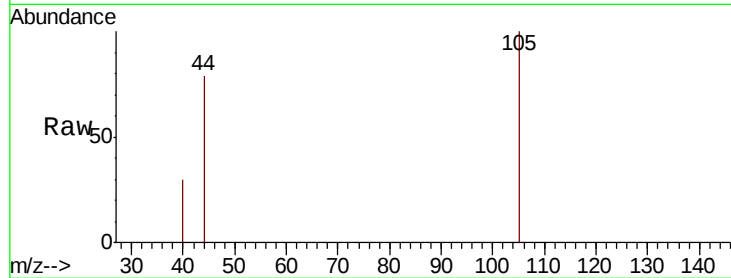
SB-7(3-5)

Tot Ion:105 Resp: 342

Ion Ratio Lower Upper

105 100

134 7.0 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250

200

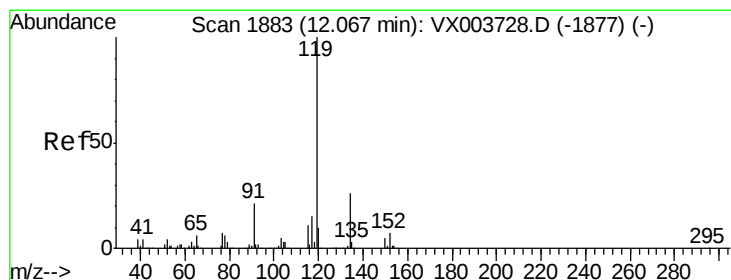
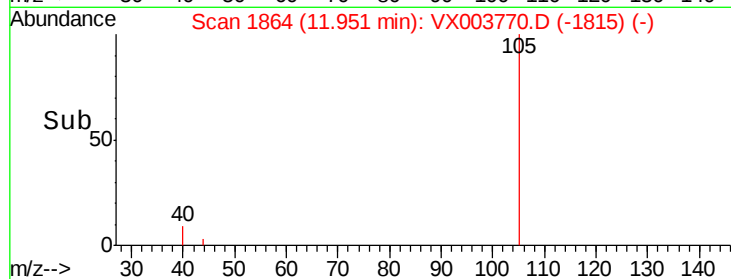
150

100

50

0

Time-->



#86

p-Isopropyltoluene

Concen: 2.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

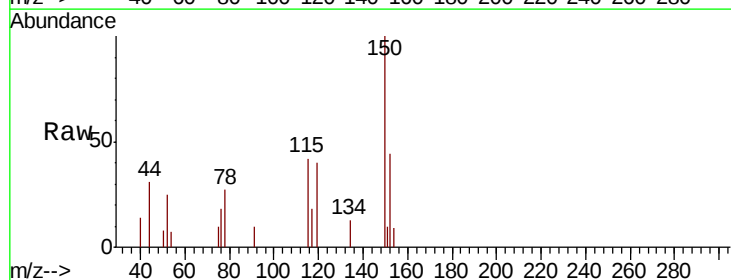
Tgt Ion:119 Resp: 363

Ion Ratio Lower Upper

119 100

134 24.0 10.1 30.1

91 23.7 23.6 70.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

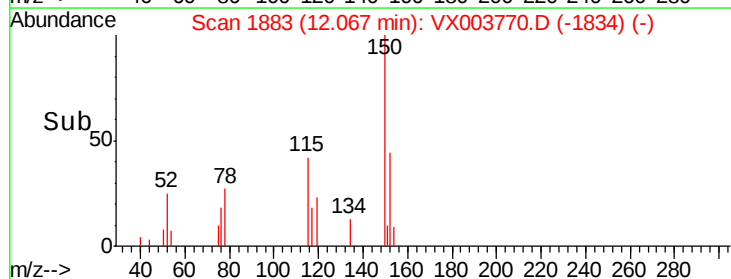
300

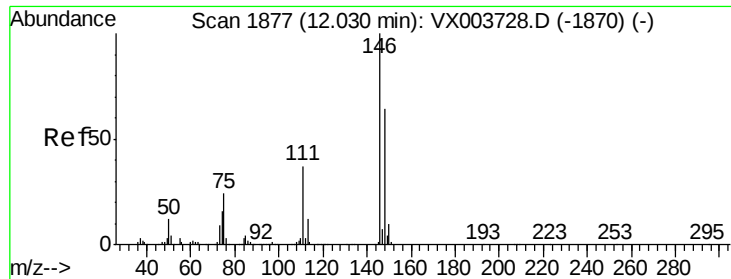
200

100

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 4.36 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

SB-7(3-5)

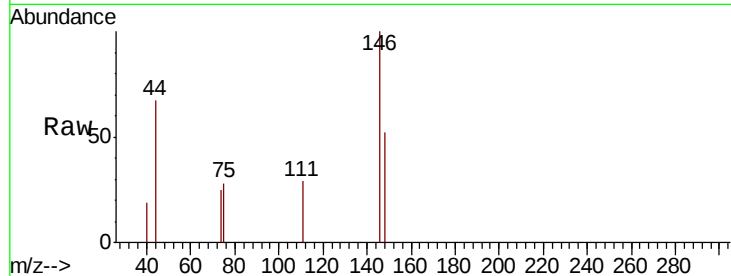
Tot Ion:146 Resp: 330

Ion Ratio Lower Upper

146 100

111 28.2 18.8 56.3

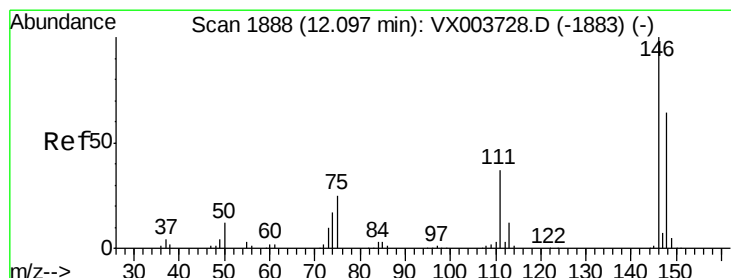
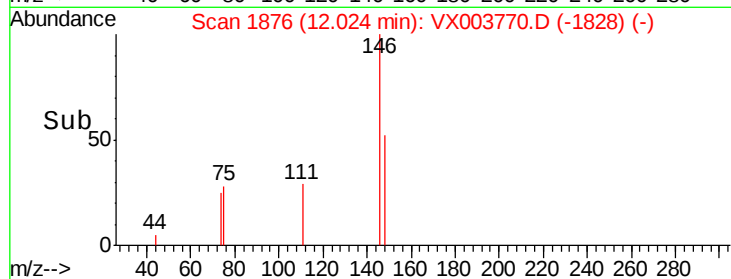
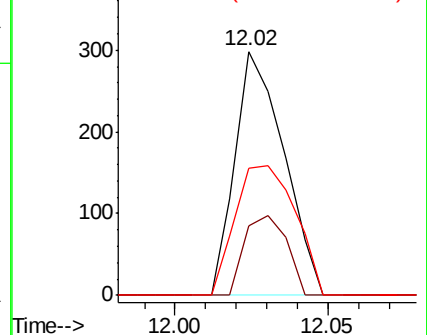
148 65.5 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 4.31 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

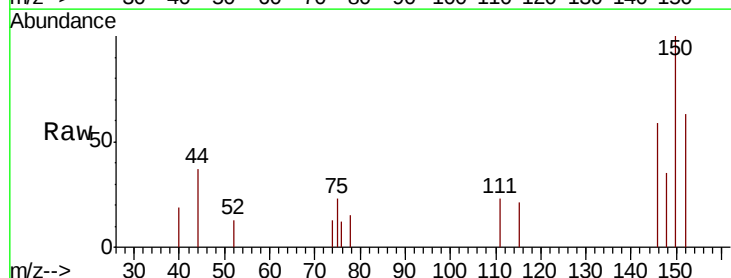
Tgt Ion:146 Resp: 333

Ion Ratio Lower Upper

146 100

111 33.9 18.3 54.9

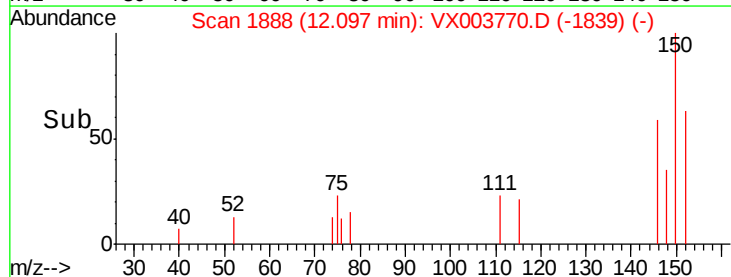
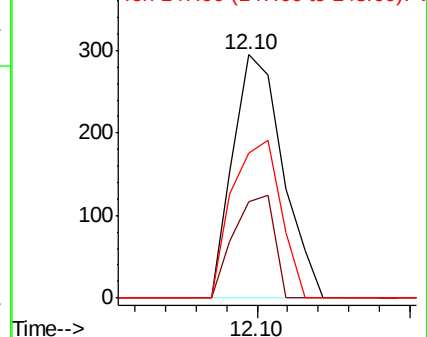
148 62.8 32.0 96.2

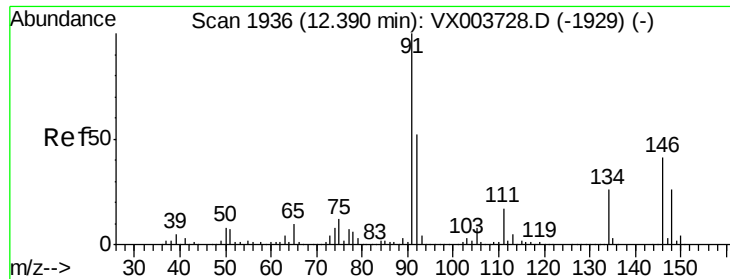


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.29 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

SB-7(3-5)

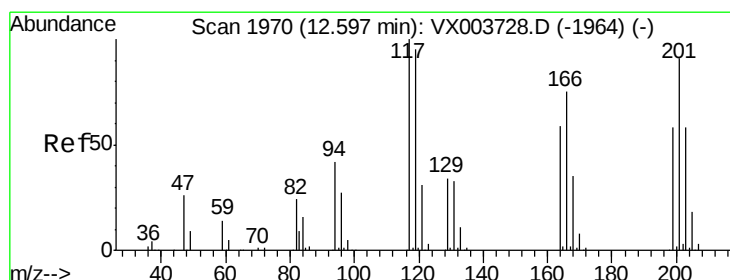
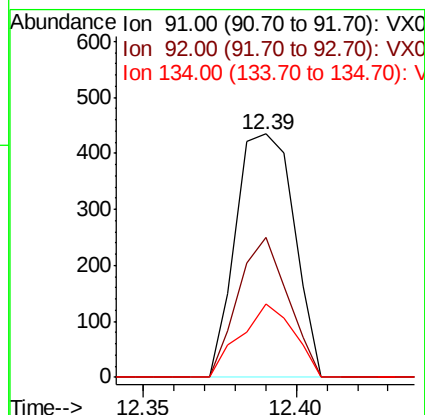
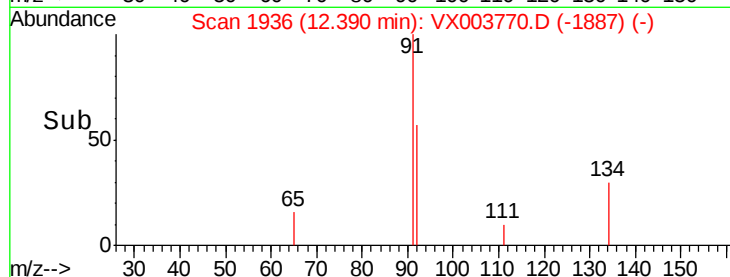
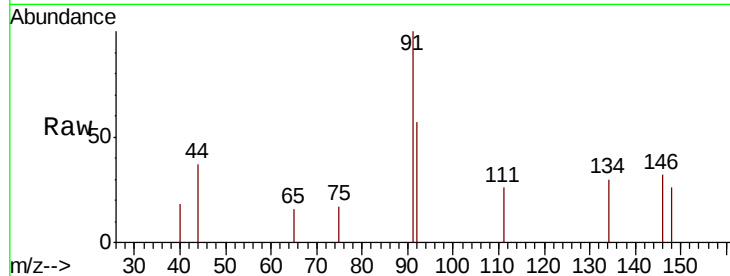
Tot Ion: 91 Resp: 575

Ion Ratio Lower Upper

91 100

92 49.0 26.2 78.5

134 27.5 13.6 40.7



#90

Hexachloroethane

Concen: 2.01 ug/l

RT: 12.76 min Scan# 1996

Delta R.T. 0.16 min

Lab File: VX003770.D

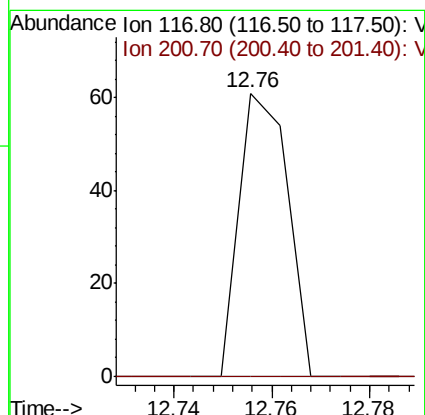
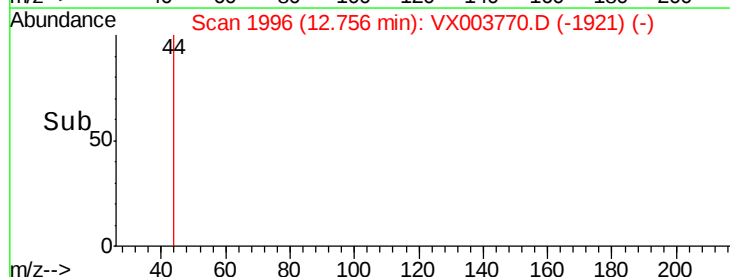
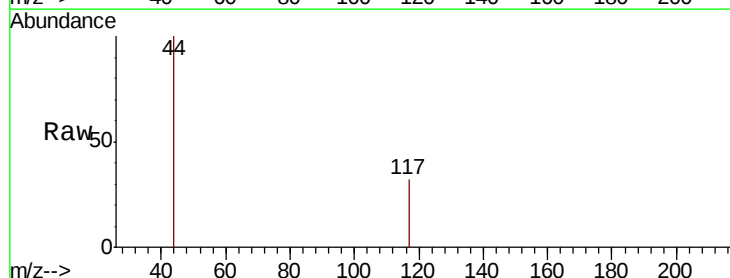
Acq: 01 Aug 2018 01:23

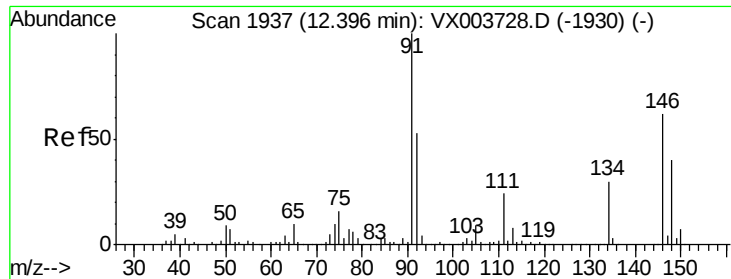
Tgt Ion: 117 Resp: 42

Ion Ratio Lower Upper

117 100

201 0.0 49.3 147.8#

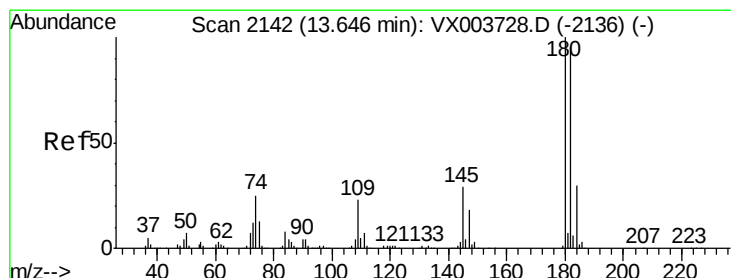
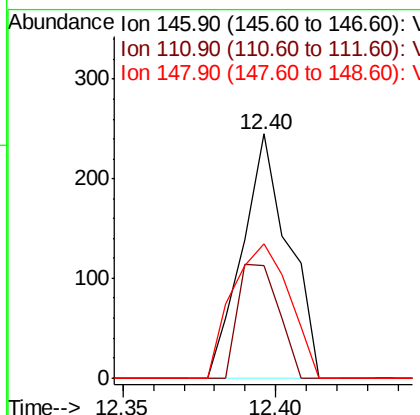
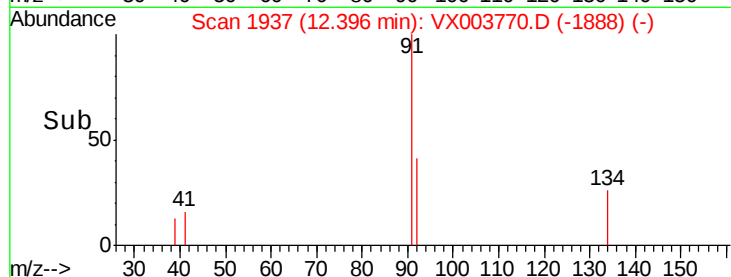
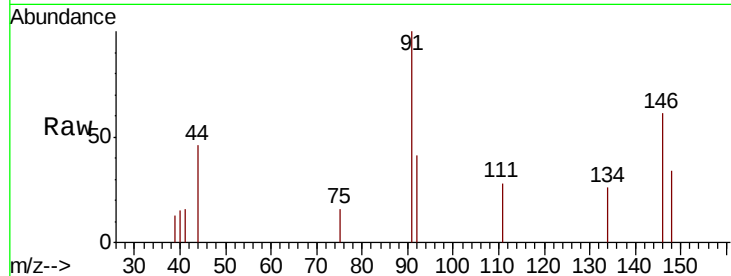




#91
 1,2-Dichlorobenzene
 Concen: 3.63 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003770.D
 Acq: 01 Aug 2018 01:23

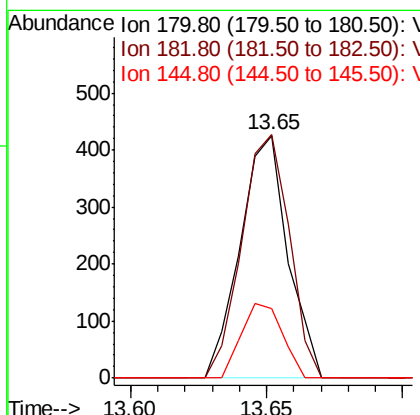
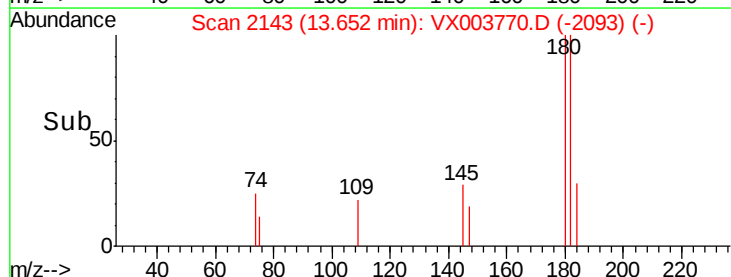
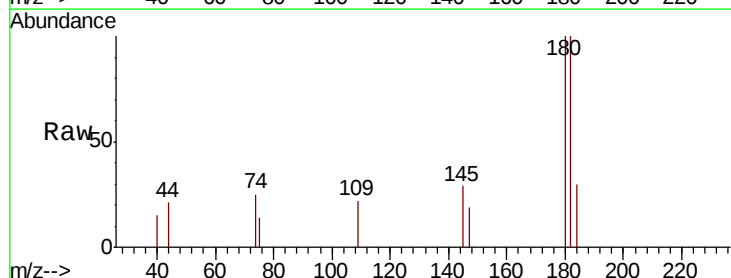
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7(3-5)

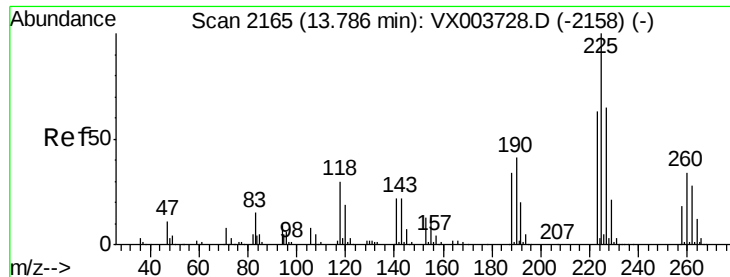
Tot Ion:146 Resp: 256
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.4 58.4
 148 68.0 32.0 96.0



#93
 1,2,4-Trichlorobenzene
 Concen: 9.23 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003770.D
 Acq: 01 Aug 2018 01:23

Tgt Ion:180 Resp: 516
 Ion Ratio Lower Upper
 180 100
 182 100.2 47.6 142.9
 145 26.4 14.1 42.2





#94

Hexachlorobutadiene

Concen: 6.15 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

SB-7(3-5)

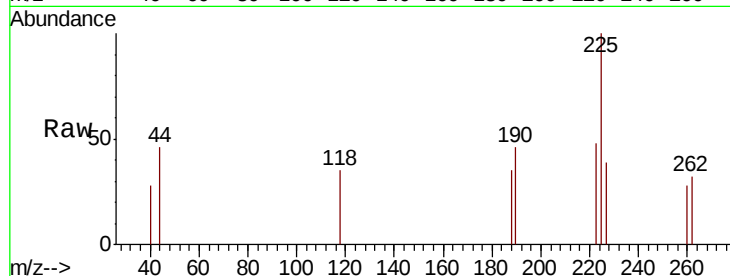
Tot Ion:225 Resp: 220

Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.5

227 62.3 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

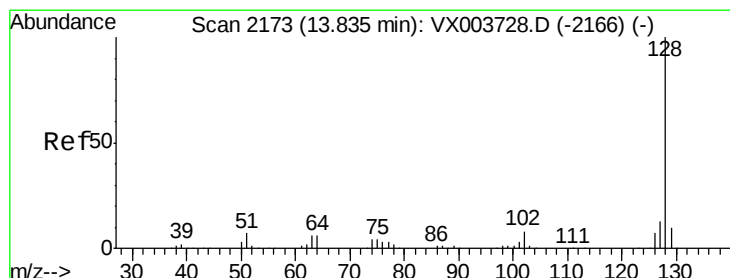
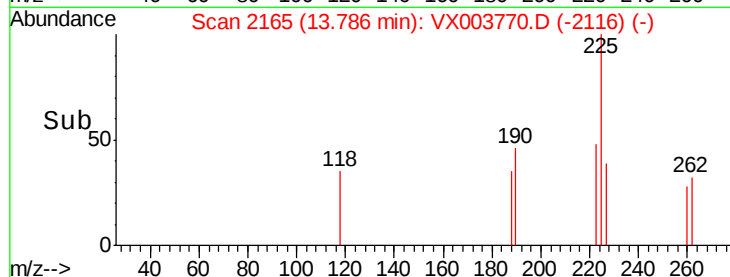
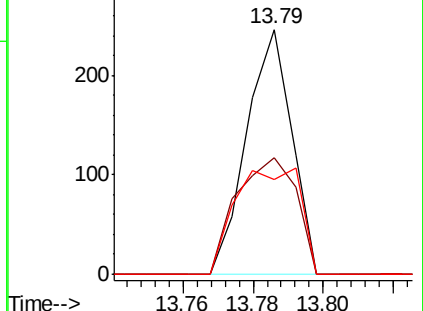
300

200

100

0

13.76 13.78 13.80



#95

Naphthalene

Concen: 51.83 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003770.D

Acq: 01 Aug 2018 01:23

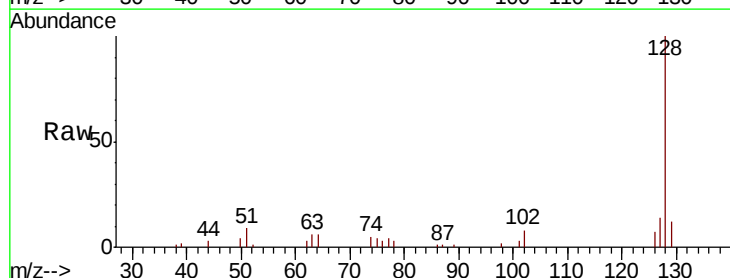
Tgt Ion:128 Resp: 6194

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

6000

5000

4000

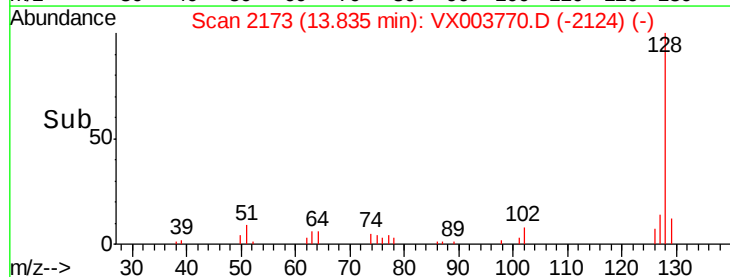
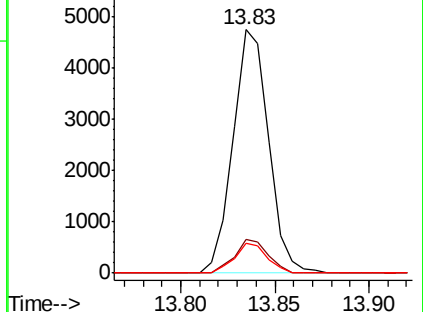
3000

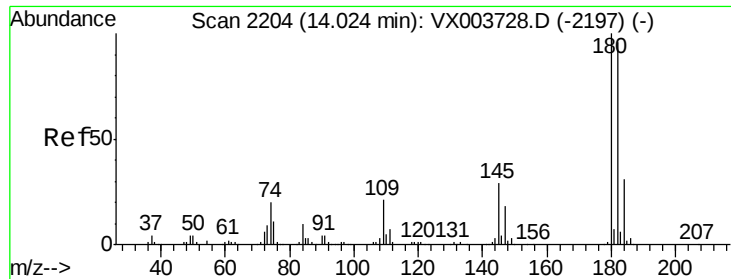
2000

1000

0

13.80 13.85 13.90





#96
 1,2,3-Trichlorobenzene
 Concen: 10.44 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003770.D
 Acq: 01 Aug 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7(3-5)

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.8
145	31.5	14.7	44.1

