

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003762.D
 Acq On : 31 Jul 2018 20:21
 Operator : JC/SP
 Sample : J4109-06RE
 Misc : 10.17G/5.0mL/MSVOA X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(8-10)

Quant Time: Aug 01 01:31:22 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	121351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	189374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	62080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	67081	54.66	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	109.32%	
35) Dibromofluoromethane	5.50	113	56767	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.72	98	185780	39.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.92%	
62) 4-Bromofluorobenzene	11.14	95	63726	37.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.36%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	172	Below Cal	#	59
6) Chloroethane	1.57	64	625	0.68	ug/l #	42
11) Tert butyl alcohol	3.01	59	6210	31.25	ug/l #	73
13) Acrolein	2.29	56	220	3.38	ug/l #	61
16) Acetone	2.45	43	27167	57.95	ug/l	99
17) Carbon Disulfide	2.57	76	5987	1.70	ug/l	96
18) Methyl Acetate	2.78	43	1239	0.94	ug/l #	89
19) Methyl tert-butyl Ether	3.21	73	2083	0.71	ug/l	97
20) Methylene Chloride	2.86	84	3152	Below Cal		93
25) 2-Butanone	4.69	43	8864	12.97	ug/l	94
26) 2,2-Dichloropropane	4.74	77	673	0.42	ug/l #	51
29) Tetrahydrofuran	5.18	42	110	0.25	ug/l #	33
30) Chloroform	5.21	83	571	0.29	ug/l	95
36) 1,1-Dichloropropene	5.67	75	7670	4.32	ug/l #	48
37) Ethyl Acetate	4.69	43	8864	6.51	ug/l #	68
38) Carbon Tetrachloride	5.66	117	10672	6.51	ug/l #	16
40) Benzene	6.15	78	217511	42.80	ug/l	94
42) 1,2-Dichloroethane	6.14	62	1747	1.14	ug/l #	73
52) Toluene	8.79	92	1593	0.50	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	401	0.37	ug/l #	15
67) Ethyl Benzene	10.26	91	1767	0.37	ug/l	100
68) m/p-Xylenes	10.36	106	992	0.53	ug/l #	54
69) o-Xylene	10.70	106	1151	0.66	ug/l	92
73) Isopropylbenzene	11.02	105	1642	0.42	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.28	83	18223	18.04	ug/l #	35
76) 1,2,3-Trichloropropane	11.14	75	30791	35.98	ug/l #	35
78) n-propylbenzene	11.37	91	2422	0.51	ug/l	99
79) 2-Chlorotoluene	11.45	91	2387	0.89	ug/l	98
80) 1,3,5-Trimethylbenzene	11.44	105	6262	1.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	30791	106.59	ug/l #	13
82) 4-Chlorotoluene	11.51	91	998	0.31	ug/l	80
83) tert-Butylbenzene	11.77	119	10958	3.34	ug/l	84
84) 1,2,4-Trimethylbenzene	11.81	105	14310	4.19	ug/l	94
85) sec-Butylbenzene	11.94	105	3055	0.73	ug/l #	56

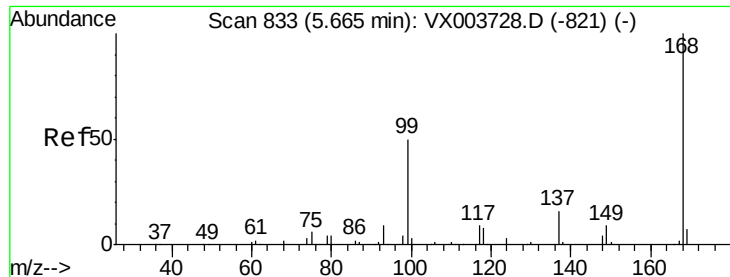
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003762.D
Acq On : 31 Jul 2018 20:21
Operator : JC/SP
Sample : J4109-06RE
Misc : 10.17G/5.0mL/MSVOA X/SOIL
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Instrument :
MSVOA_X
ClientSampleId :
SB-11(8-10)

Quant Time: Aug 01 01:31:22 2018
Quant Method : Z:\V0ASRV\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)
86) p-Isopropyltoluene	12.07	119	2422	0.63	ug/l	86
89) n-Butylbenzene	12.37	91	5472	1.51	ug/l #	59
90) Hexachloroethane	12.52	117	910	1.61	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	296	1.48	ug/l #	1
95) Naphthalene	13.83	128	294070	90.88	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampleId :

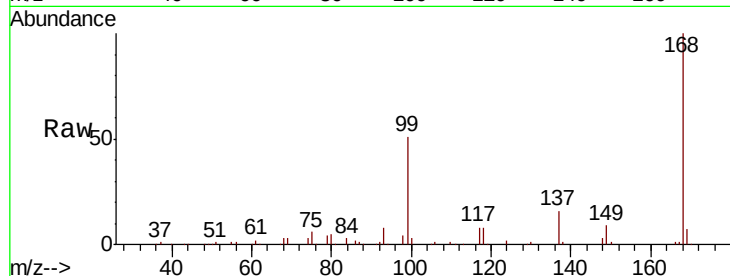
SB-11(8-10)

Tot Ion:168 Resp: 121351

Ion Ratio Lower Upper

168 100

99 50.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

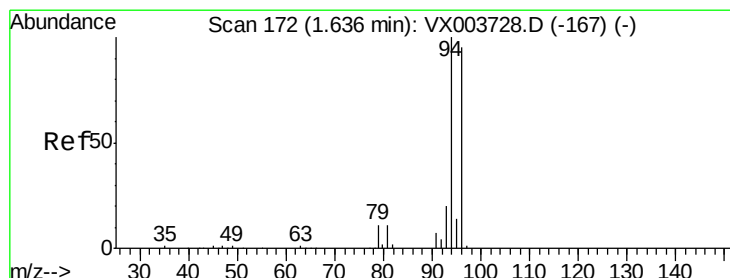
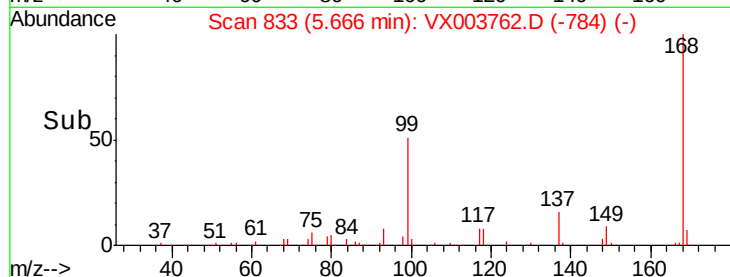
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003762.D

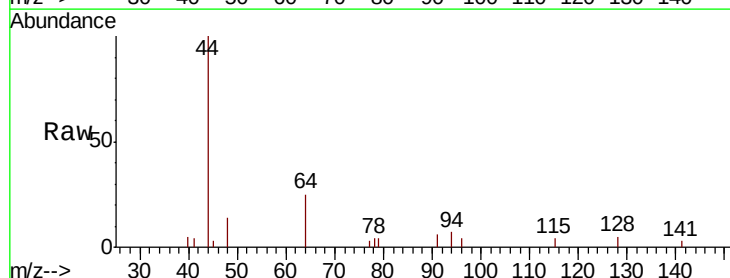
Acq: 31 Jul 2018 20:21

Tgt Ion: 94 Resp: 172

Ion Ratio Lower Upper

94 100

96 55.7 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

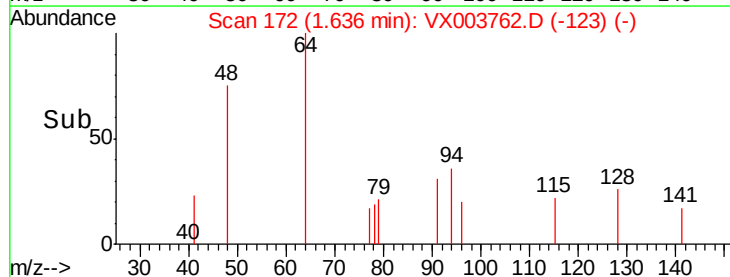
1.64

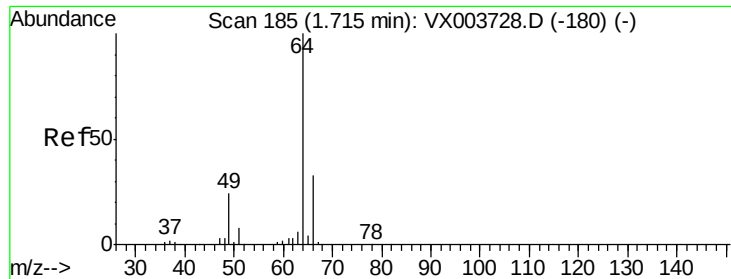
100

50

0

Time--> 1.60 1.65

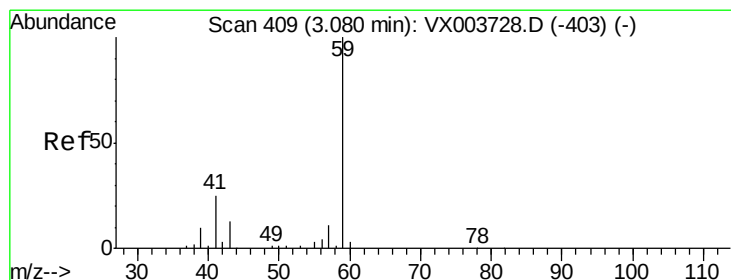
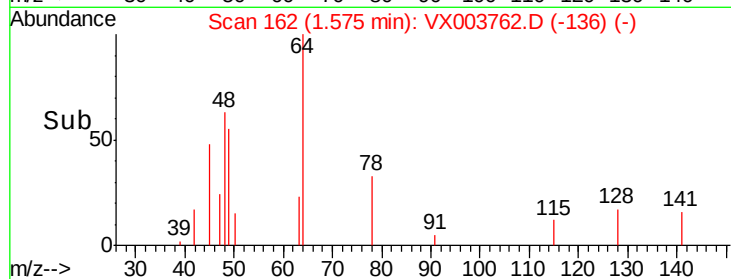
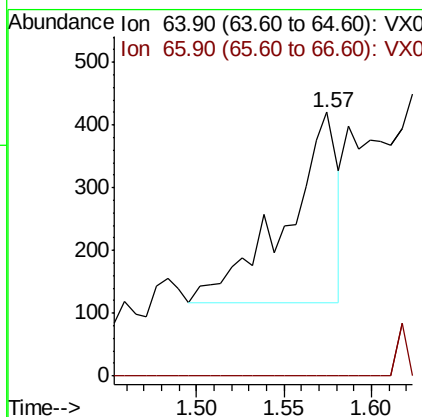
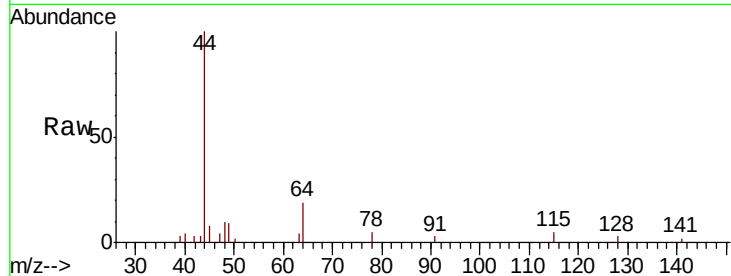




#6
Chloroethane
Concen: 0.68 ug/l
RT: 1.57 min Scan# 162
Delta R.T. -0.14 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

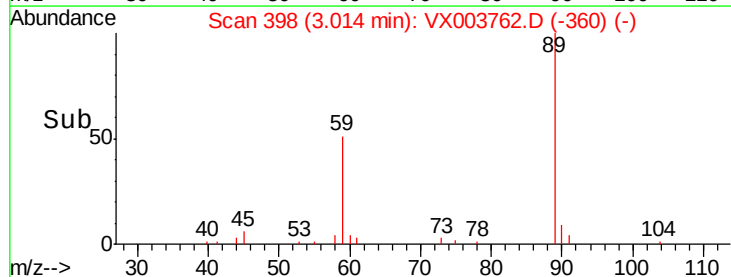
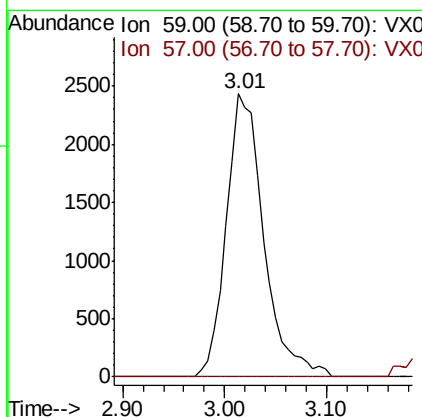
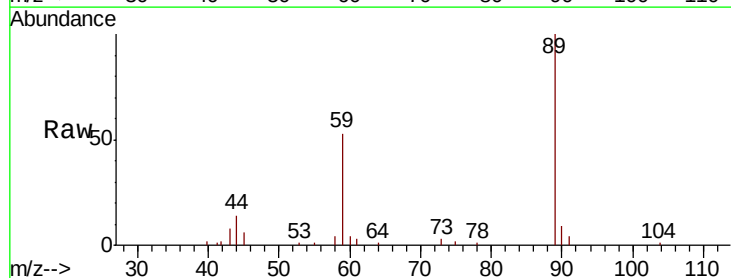
Instrument :
MSVOA_X
ClientSampleId :
SB-11(8-10)

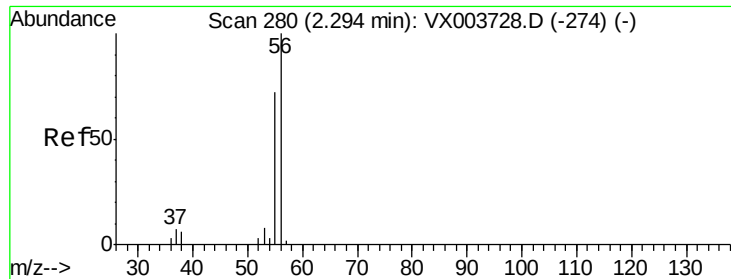
Tot Ion: 64 Resp: 625
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 31.25 ug/l
RT: 3.01 min Scan# 398
Delta R.T. -0.07 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

Tgt Ion: 59 Resp: 6210
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

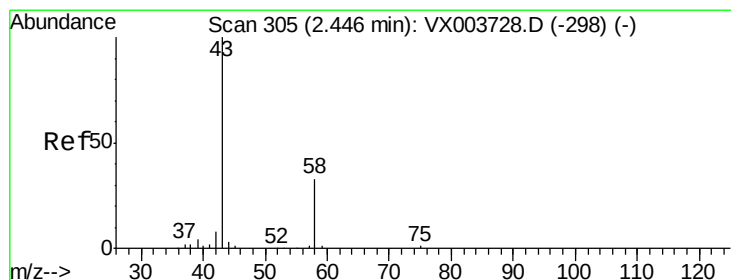
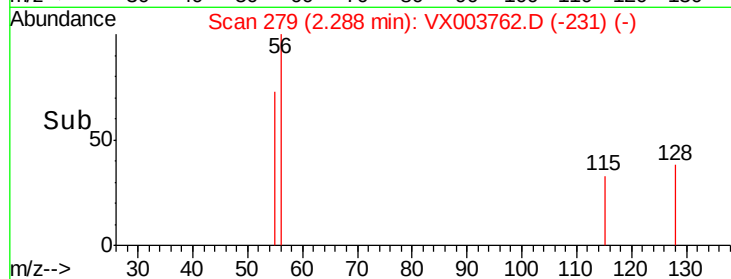
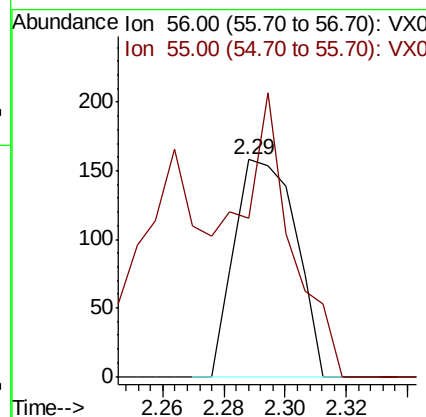
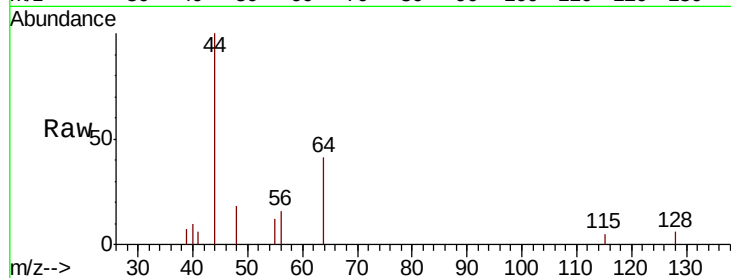




#13
Acrolein
Concen: 3.38 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

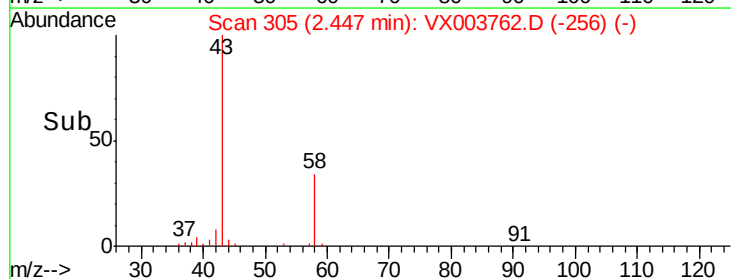
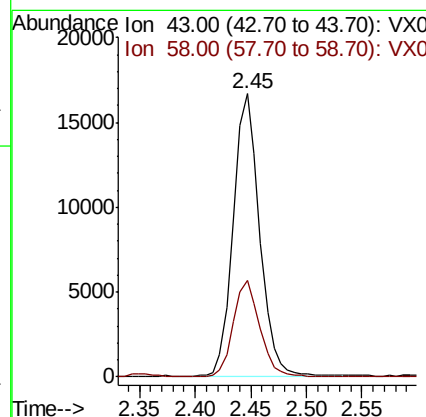
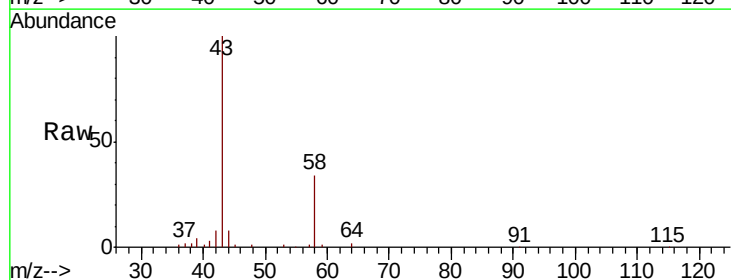
Instrument :
MSVOA_X
ClientSampled :
SB-11(8-10)

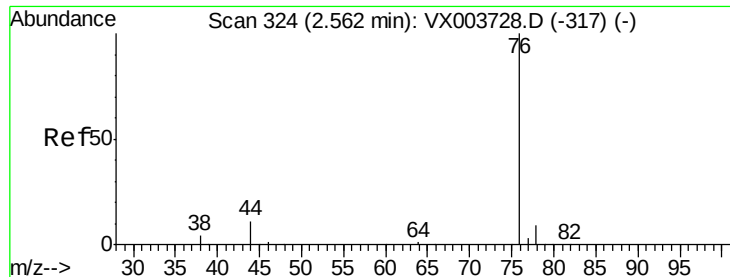
Tot Ion: 56 Resp: 220
Ion Ratio Lower Upper
56 100
55 110.0 61.4 92.0#



#16
Acetone
Concen: 57.95 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

Tgt Ion: 43 Resp: 27167
Ion Ratio Lower Upper
43 100
58 34.1 26.7 40.1





#17

Carbon Disulfide

Concen: 1.70 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampled :

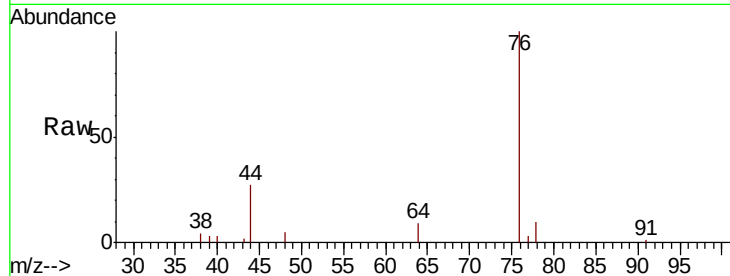
SB-11(8-10)

Tot Ion: 76 Resp: 5987

Ion Ratio Lower Upper

76 100

78 10.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

4000

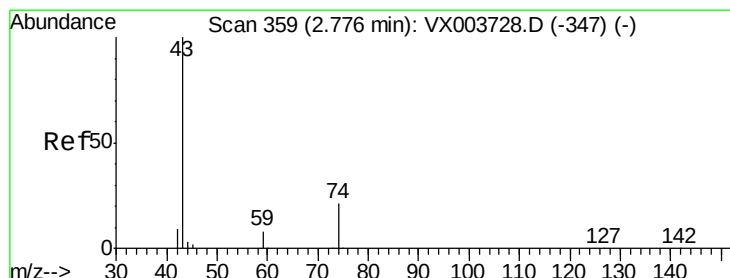
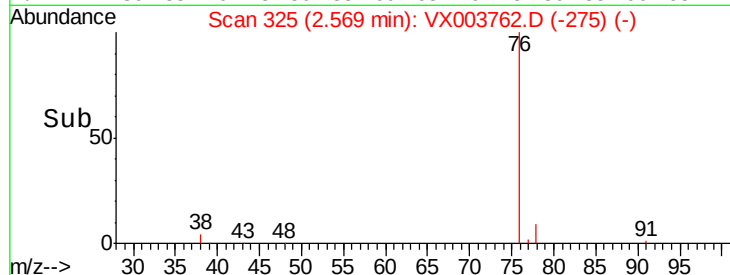
3000

2000

1000

0

Time-->



#18

Methyl Acetate

Concen: 0.94 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX003762.D

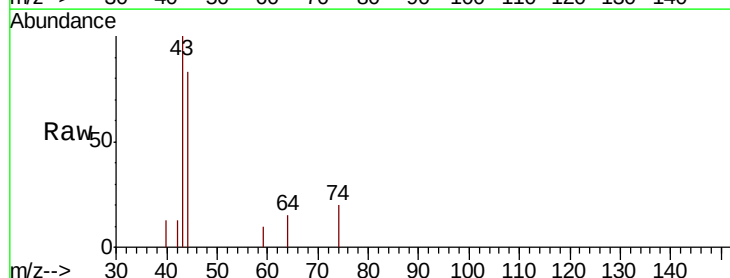
Acq: 31 Jul 2018 20:21

Tgt Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

74 18.4 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

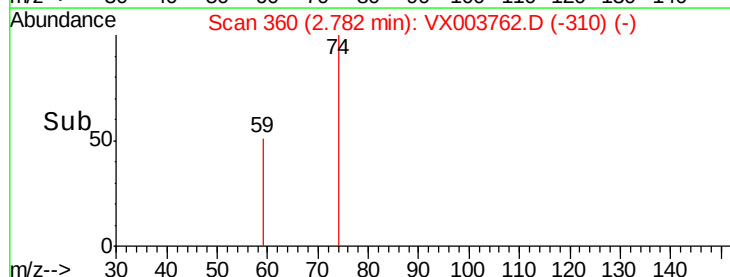
600

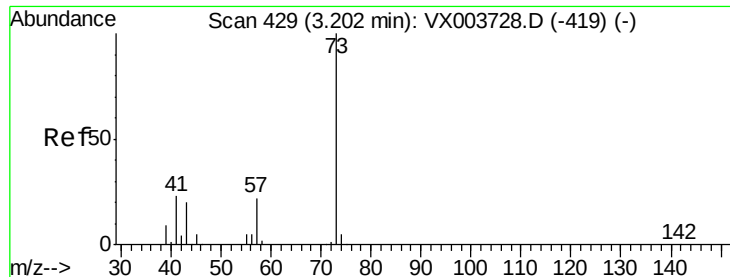
400

200

0

Time-->

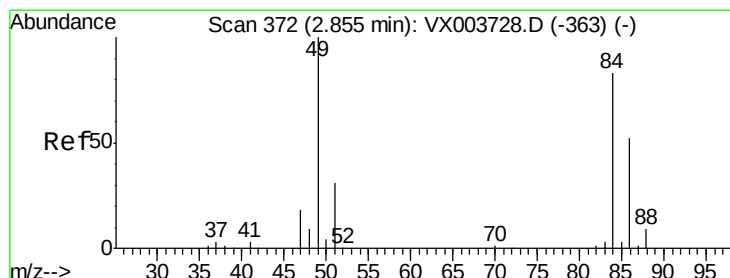
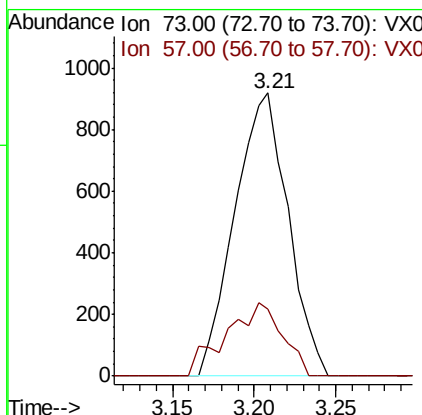
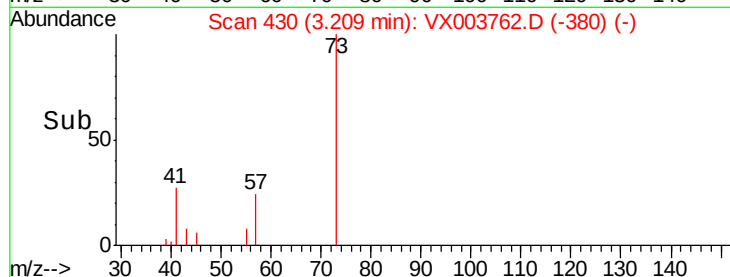
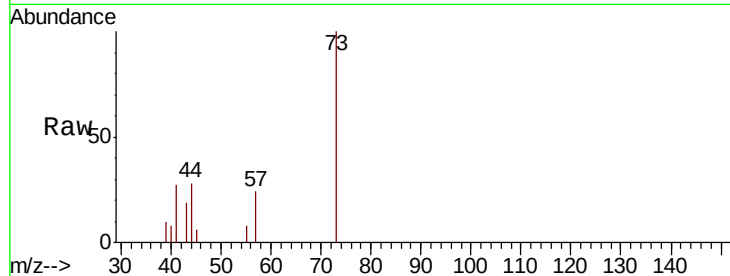




#19
Methyl tert-butyl Ether
Concen: 0.71 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.01 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

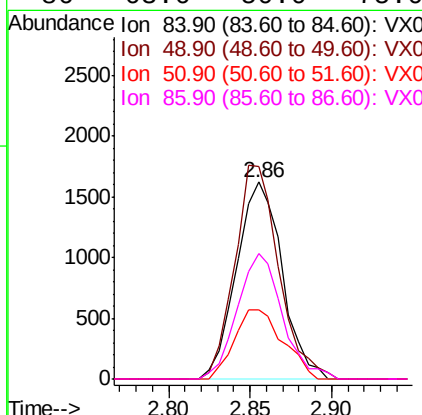
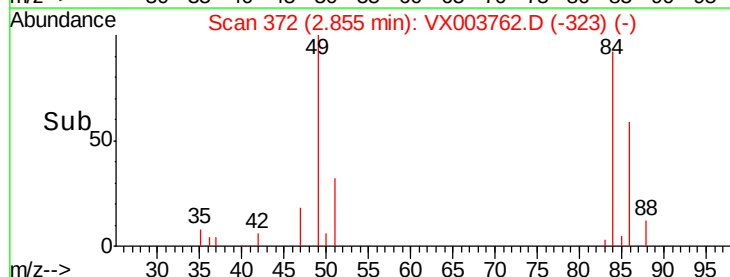
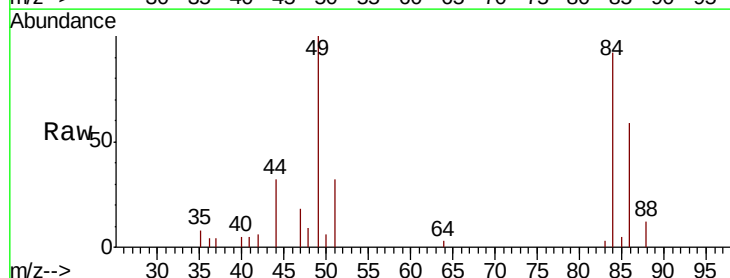
Instrument :
MSVOA_X
ClientSampled :
SB-11(8-10)

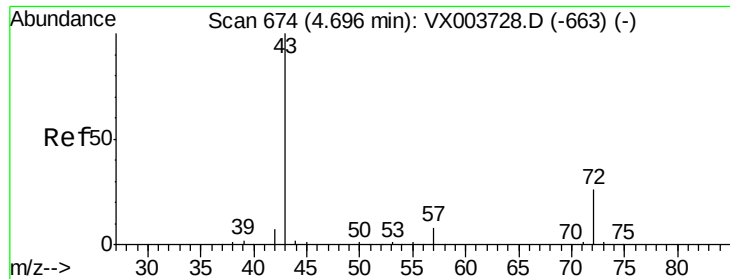
Tot Ion: 73 Resp: 2083
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

Tgt Ion: 84 Resp: 3152
Ion Ratio Lower Upper
84 100
49 108.4 95.8 143.8
51 35.0 29.6 44.4
86 63.6 50.0 75.0





#25

2-Butanone

Concen: 12.97 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampled :

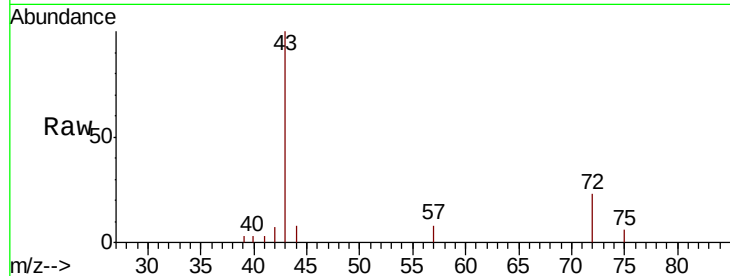
SB-11(8-10)

Tot Ion: 43 Resp: 8864

Ion Ratio Lower Upper

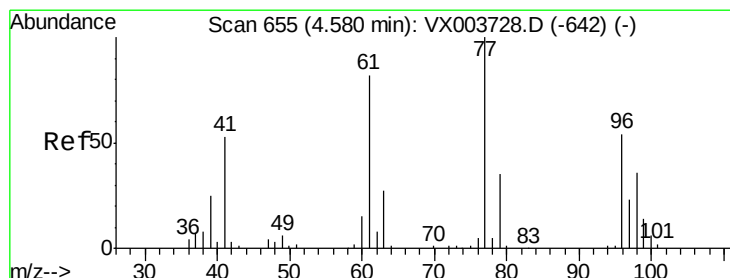
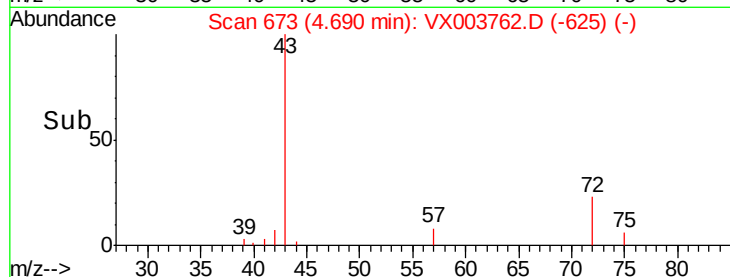
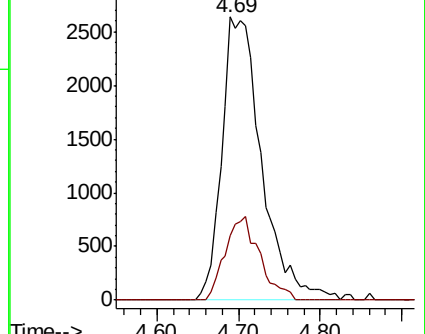
43 100

72 23.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.42 ug/l

RT: 4.74 min Scan# 681

Delta R.T. 0.16 min

Lab File: VX003762.D

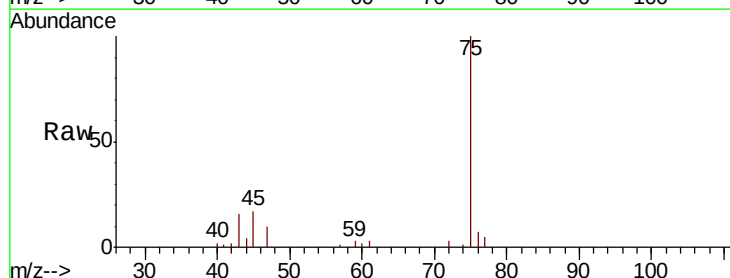
Acq: 31 Jul 2018 20:21

Tgt Ion: 77 Resp: 673

Ion Ratio Lower Upper

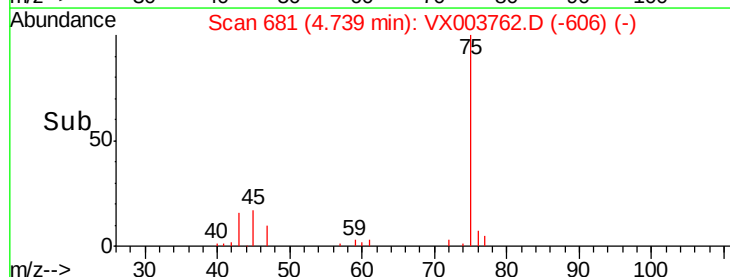
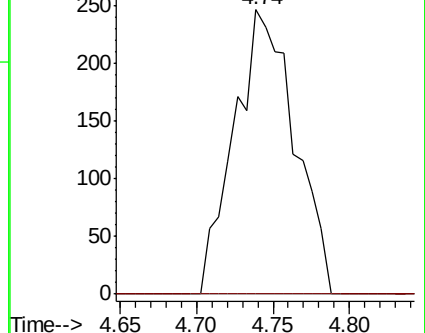
77 100

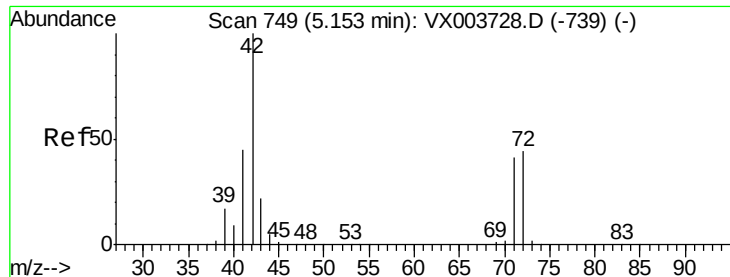
97 0.0 12.2 36.6#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

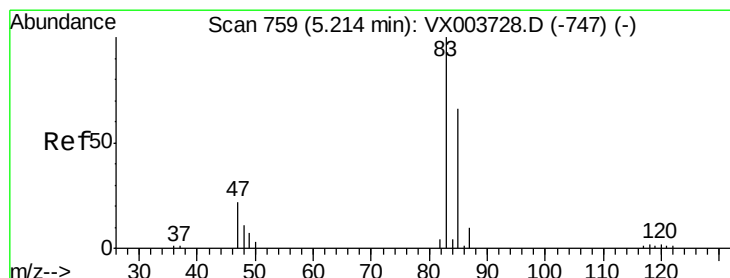
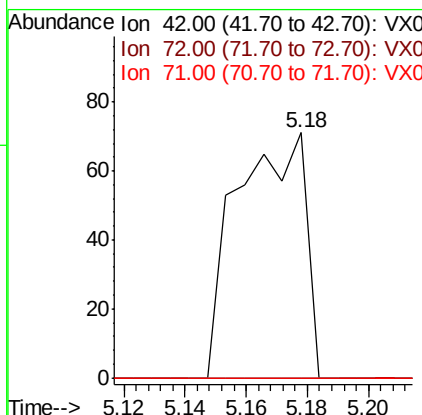
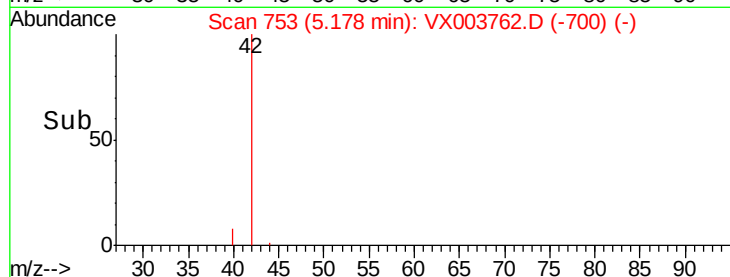
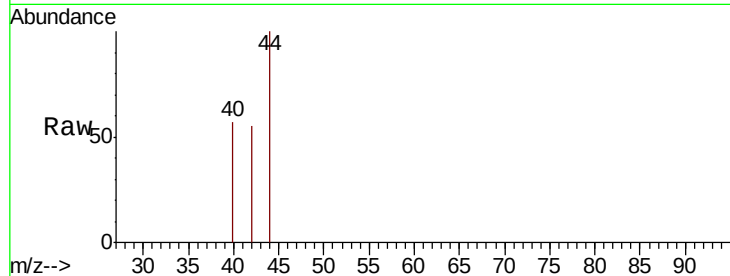




#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.02 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

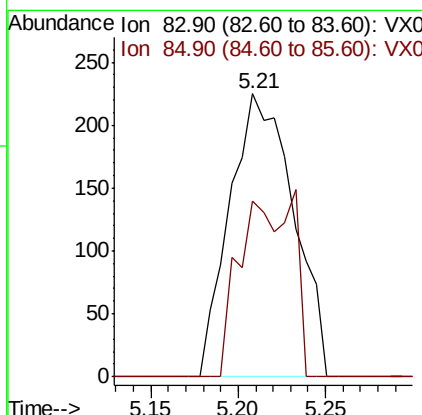
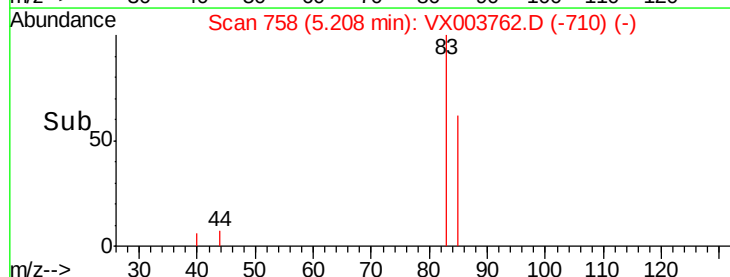
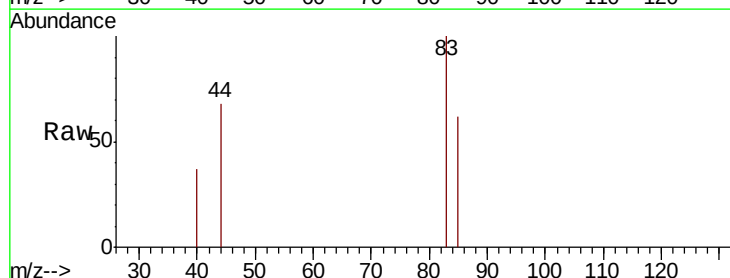
Instrument :
MSVOA_X
ClientSampleId :
SB-11(8-10)

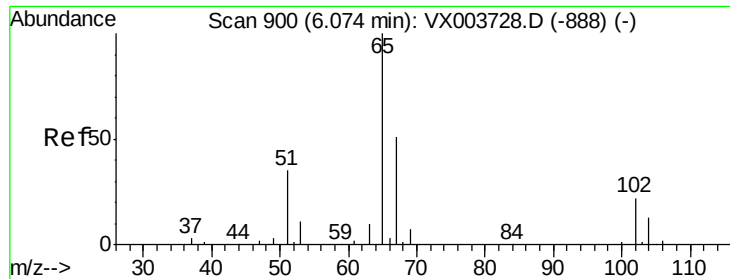
Tot Ion: 42 Resp: 110
Ion Ratio Lower Upper
42 100
72 0.0 35.6 53.4#
71 0.0 33.4 50.0#



#30
Chloroform
Concen: 0.29 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

Tgt Ion: 83 Resp: 571
Ion Ratio Lower Upper
83 100
85 62.2 52.8 79.2

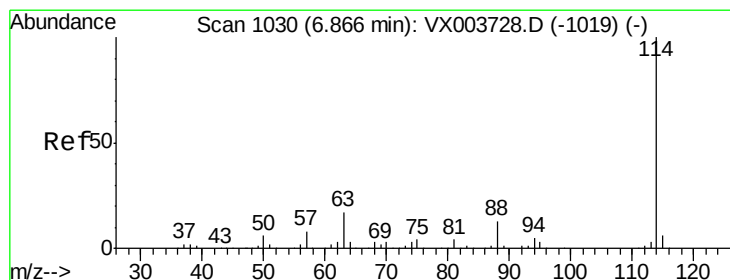
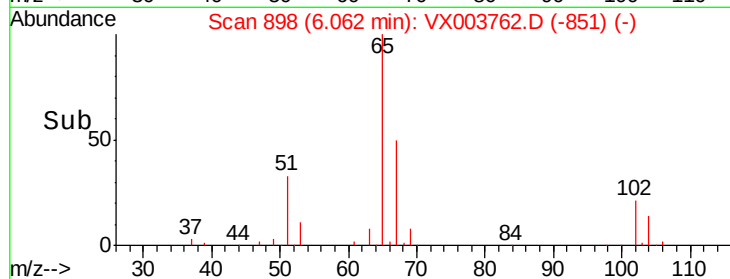
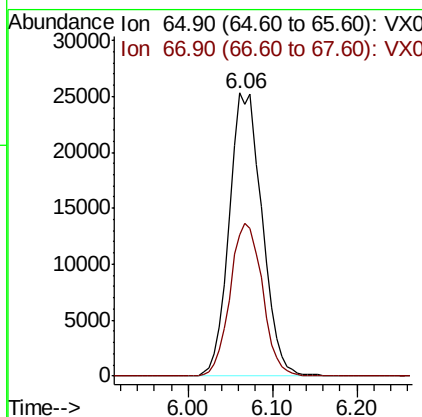
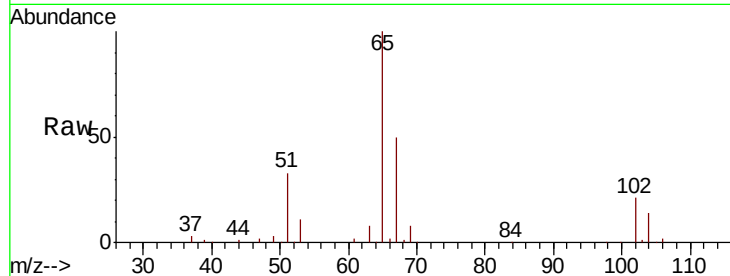




#33
 1,2-Dichloroethane-d4
 Concen: 54.66 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

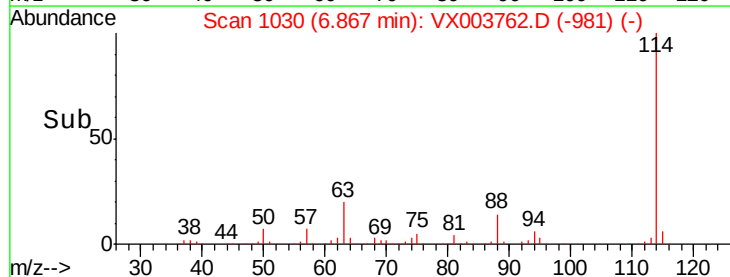
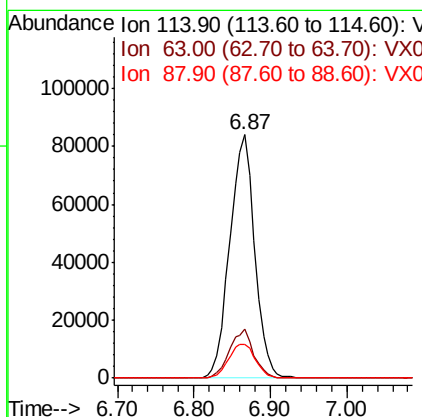
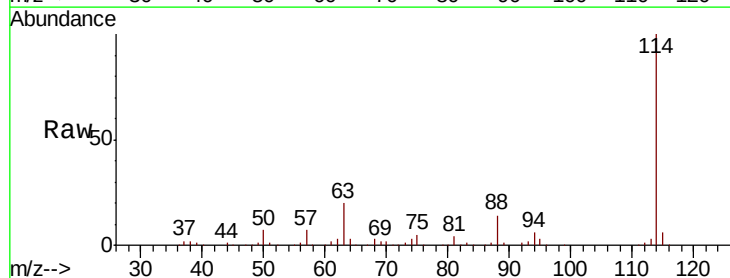
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(8-10)

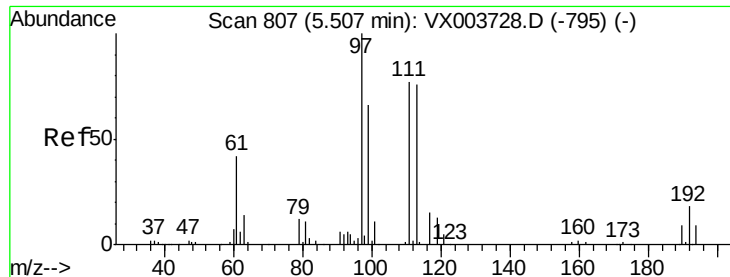
Tot Ion: 65 Resp: 67081
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

Tgt Ion: 114 Resp: 189374
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 34.0
 88 13.9 0.0 26.4

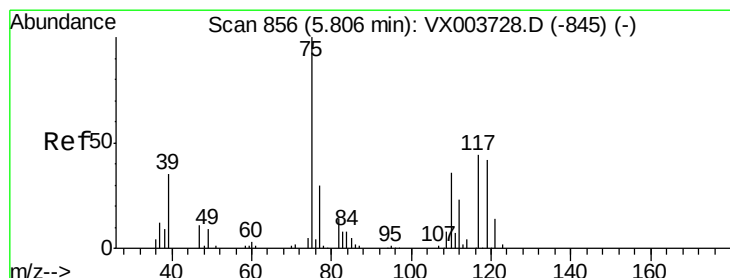
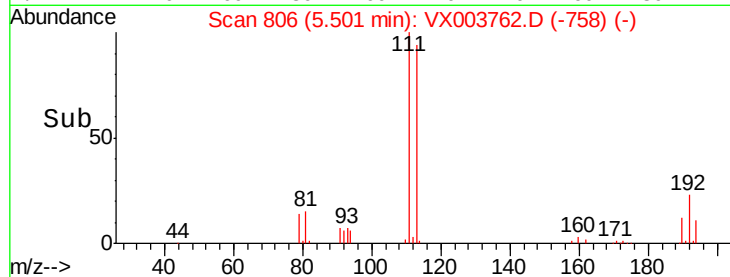
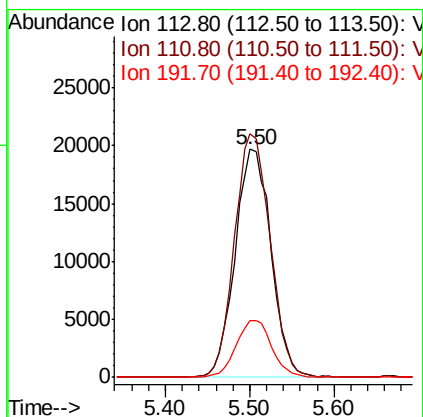
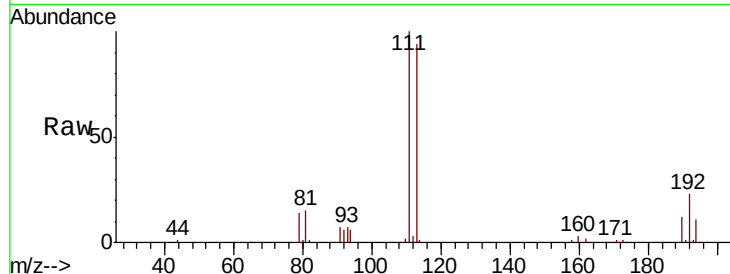




#35
 Dibromofluoromethane
 Concen: 50.91 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

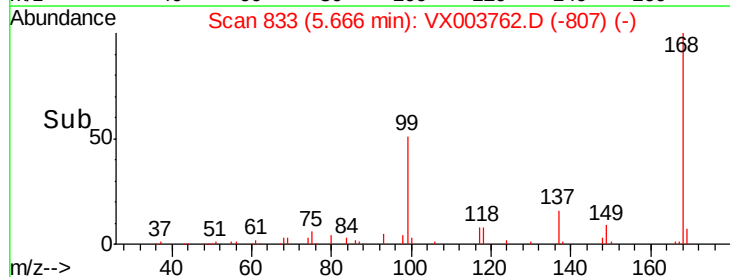
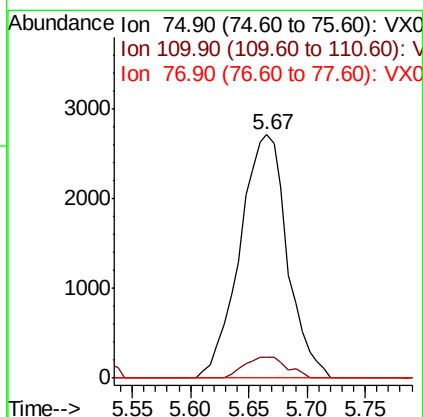
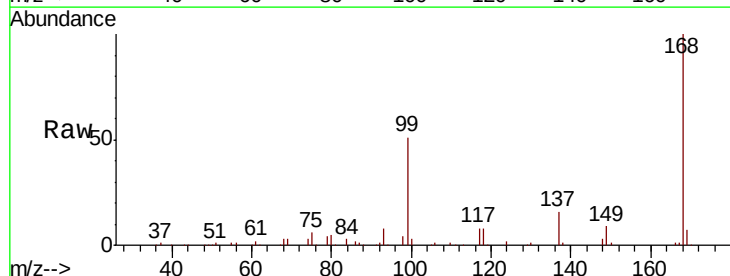
Instrument :
 MSVOA_X
 ClientSampled :
 SB-11(8-10)

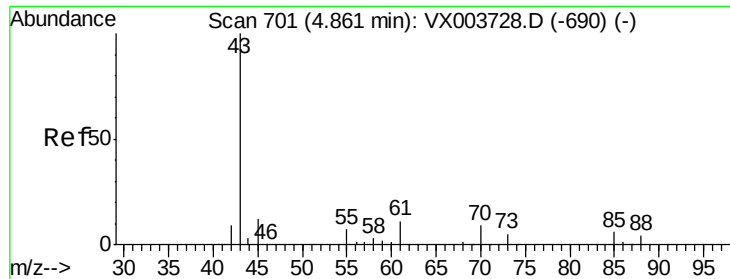
Tot Ion:113 Resp: 56767
 Ion Ratio Lower Upper
 113 100
 111 106.1 81.8 122.6
 192 24.5 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.32 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

Tgt Ion: 75 Resp: 7670
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.3 54.8#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 6.51 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.17 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampleId :

SB-11(8-10)

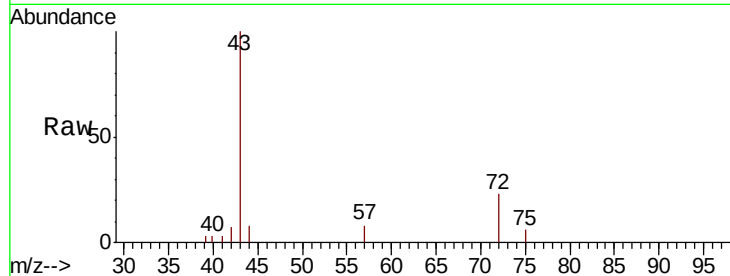
Tot Ion: 43 Resp: 8864

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

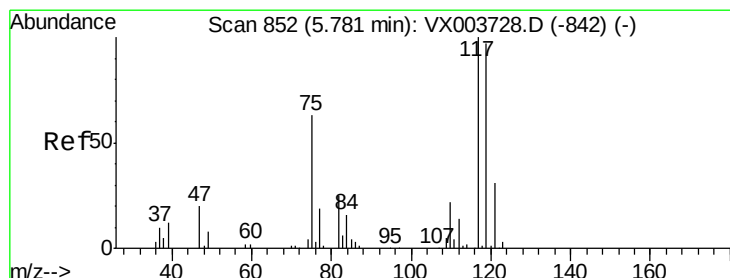
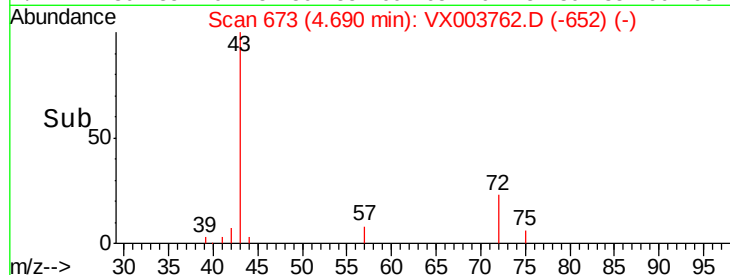
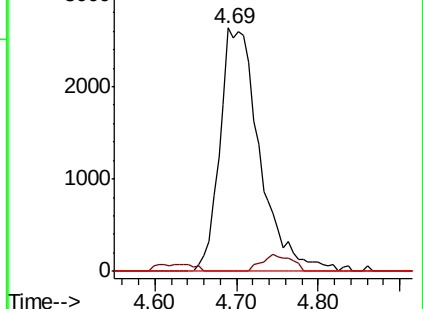
70 0.0 8.2 12.2#



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: 6.51 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

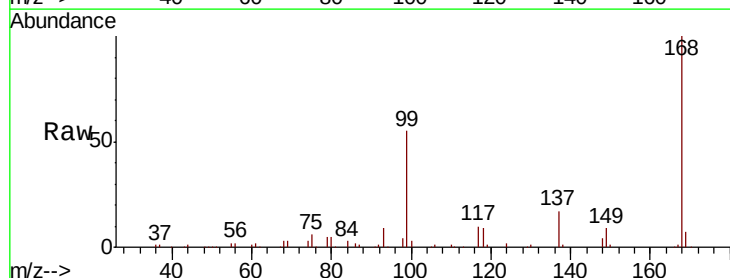
Tgt Ion: 117 Resp: 10672

Ion Ratio Lower Upper

117 100

119 5.6 77.2 115.8#

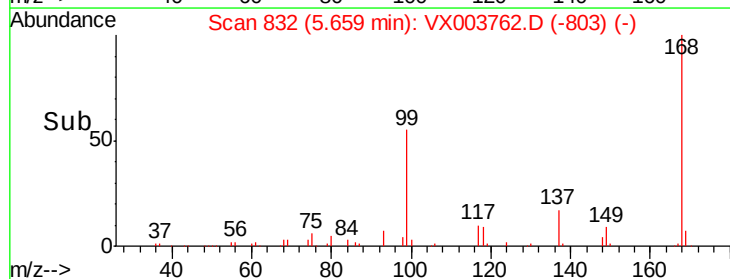
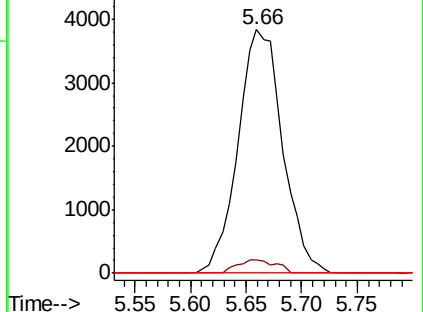
121 0.0 25.0 37.4#

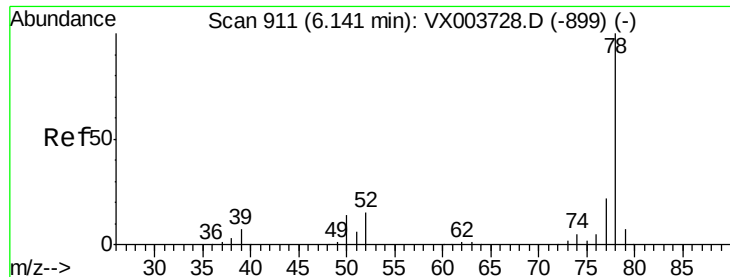


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 42.80 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampled :

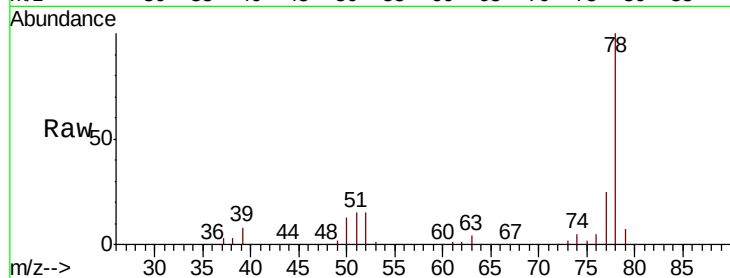
SB-11(8-10)

Tot Ion: 78 Resp: 217511

Ion Ratio Lower Upper

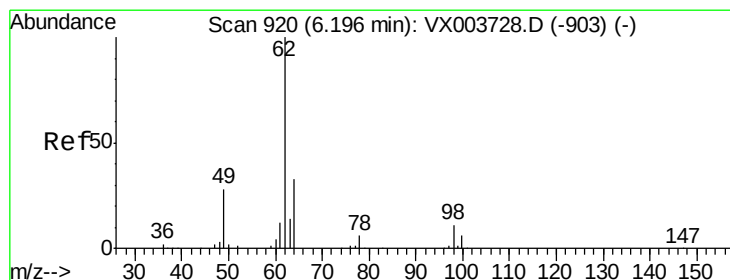
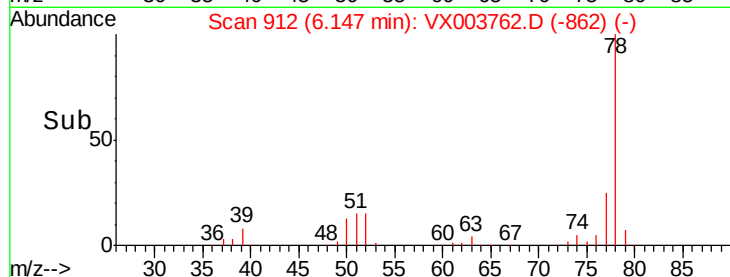
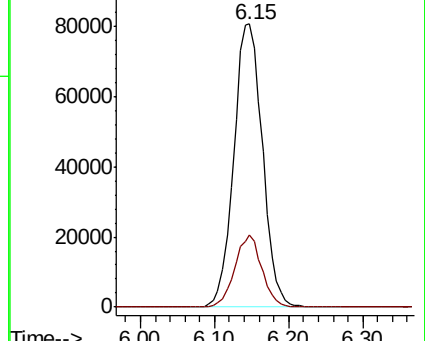
78 100

77 25.3 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 1.14 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.05 min

Lab File: VX003762.D

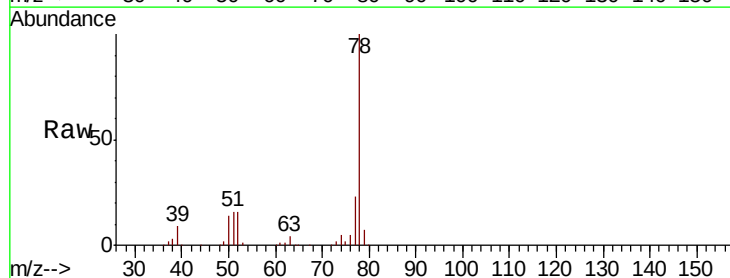
Acq: 31 Jul 2018 20:21

Tgt Ion: 62 Resp: 1747

Ion Ratio Lower Upper

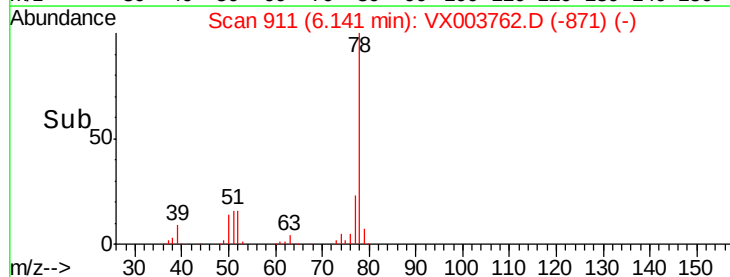
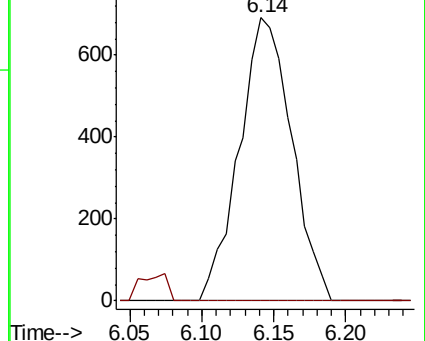
62 100

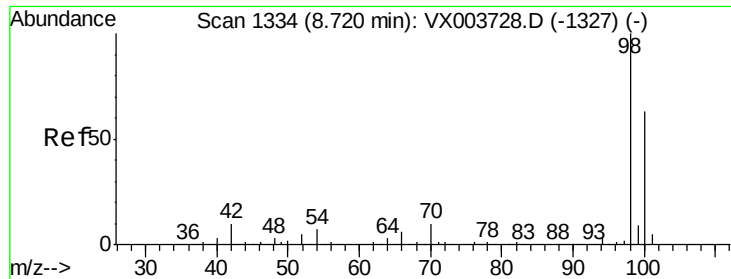
98 0.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

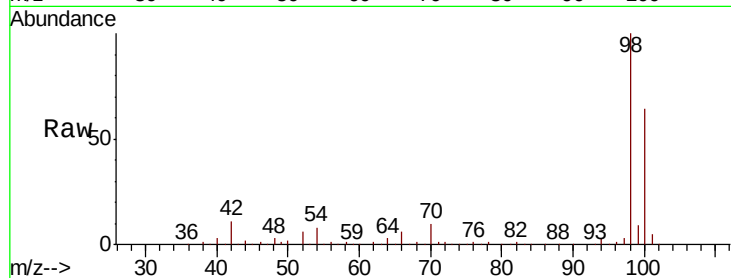




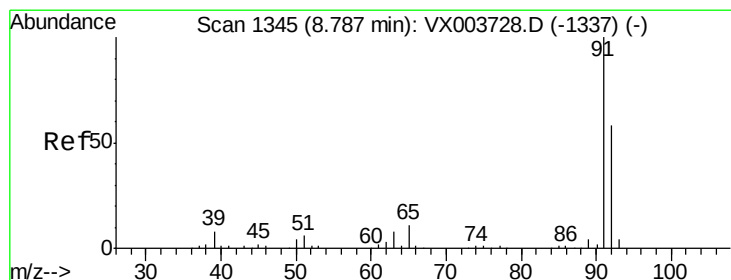
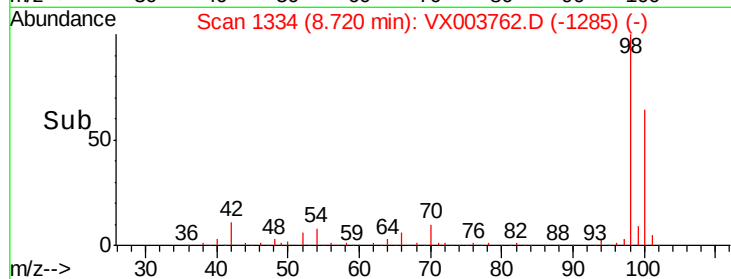
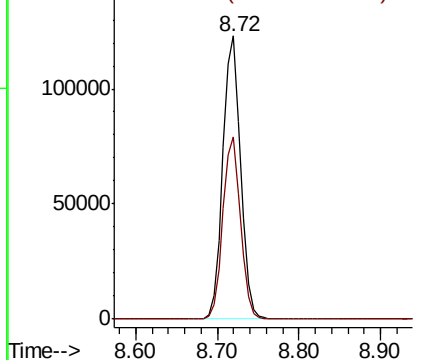
#50
Toluene-d8
Concen: 39.96 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

Instrument :
MSVOA_X
ClientSampled :
SB-11(8-10)

Tot Ion: 98 Resp: 185780
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0

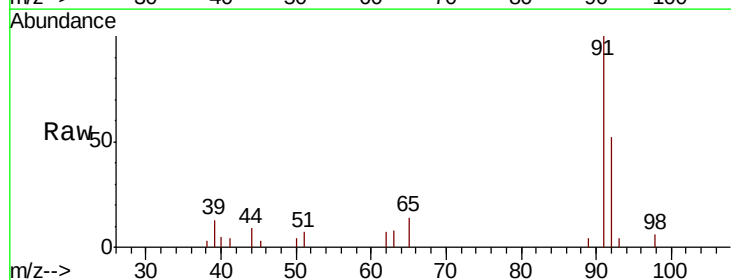


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

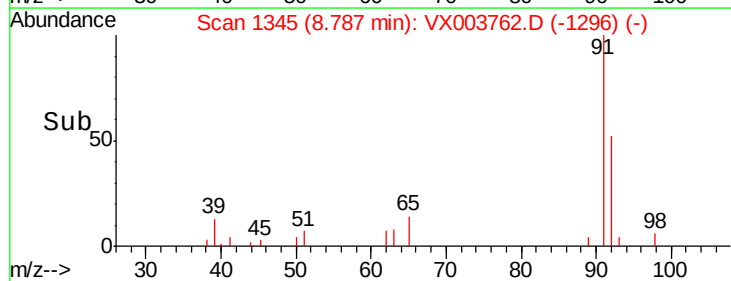
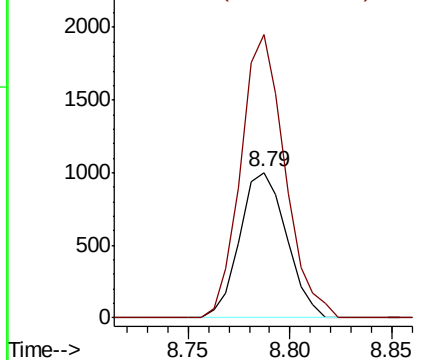


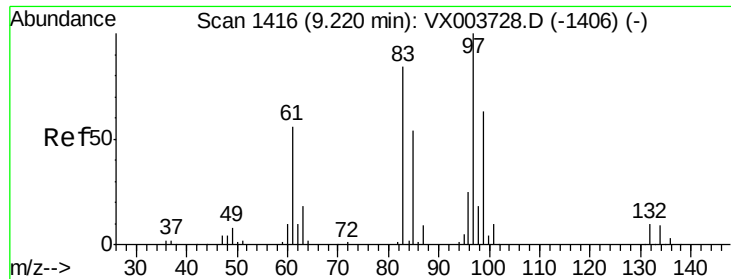
#52
Toluene
Concen: 0.50 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

Tgt Ion: 92 Resp: 1593
Ion Ratio Lower Upper
92 100
91 184.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

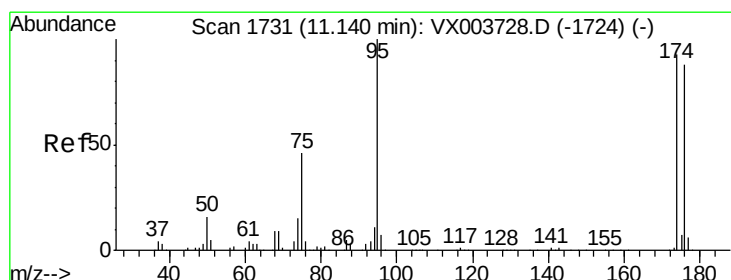
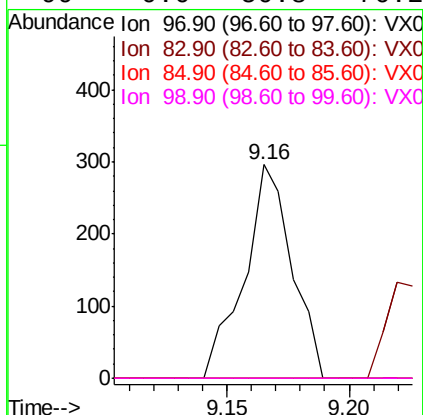
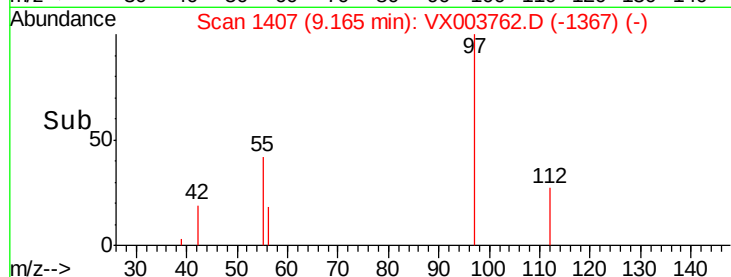
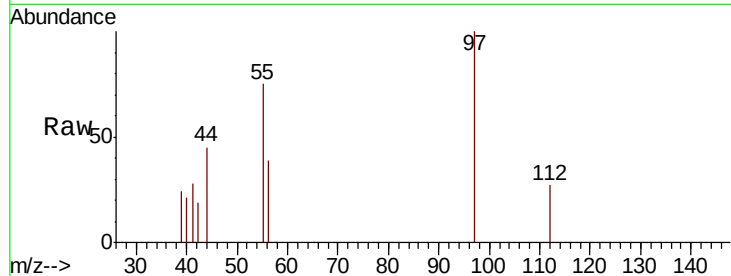




#55
 1,1,2-Trichloroethane
 Concen: 0.37 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

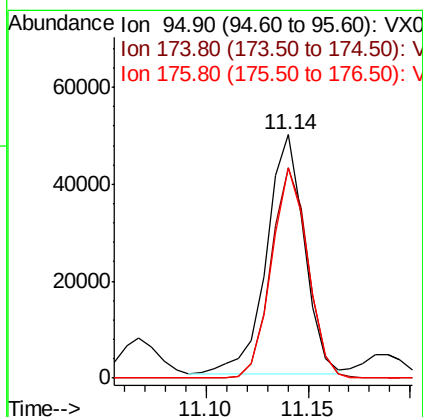
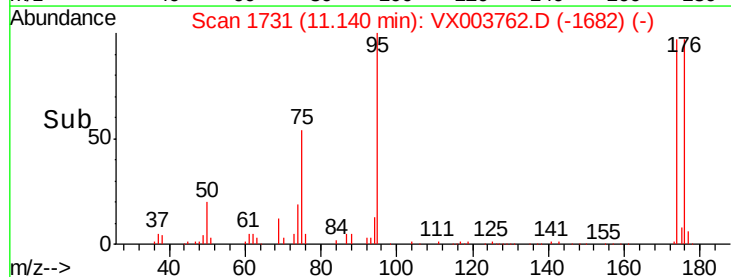
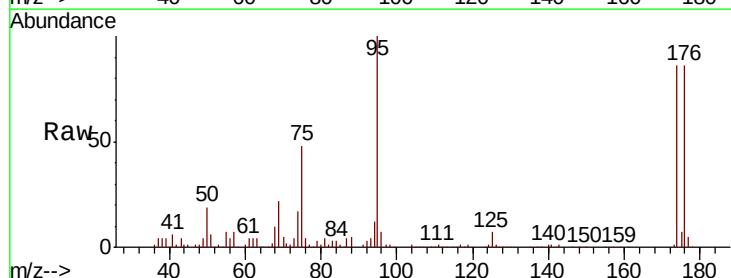
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(8-10)

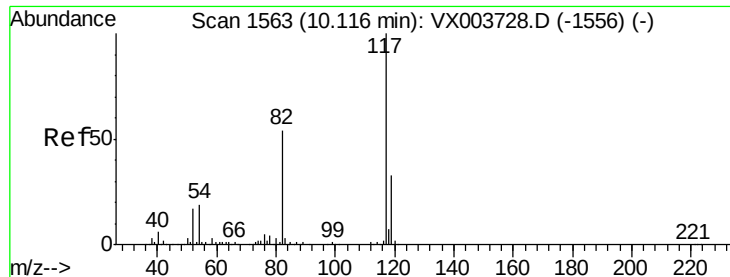
Tot Ion: 97 Resp: 401
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.4 101.0#
 85 0.0 43.3 64.9#
 99 0.0 50.8 76.2#



#62
 4-Bromofluorobenzene
 Concen: 37.18 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

Tgt Ion: 95 Resp: 63726
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 186.2
 176 84.3 0.0 179.2

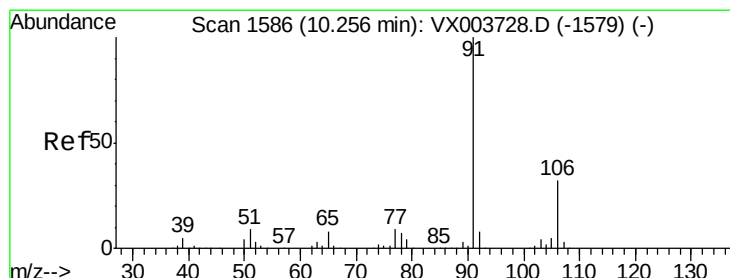
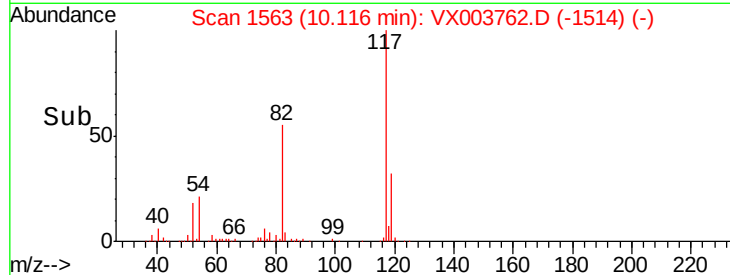
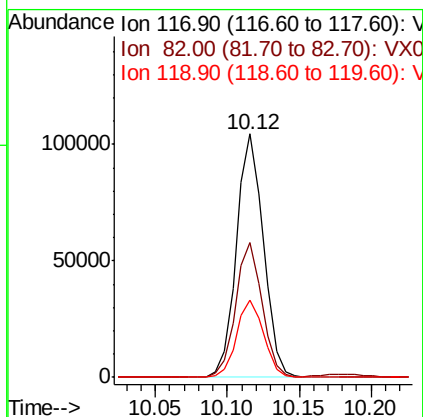
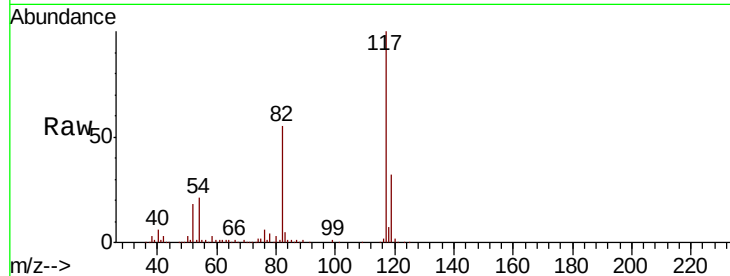




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

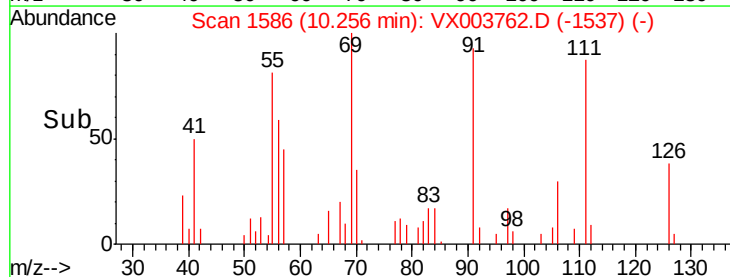
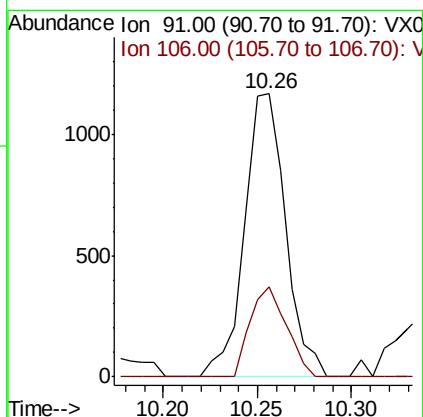
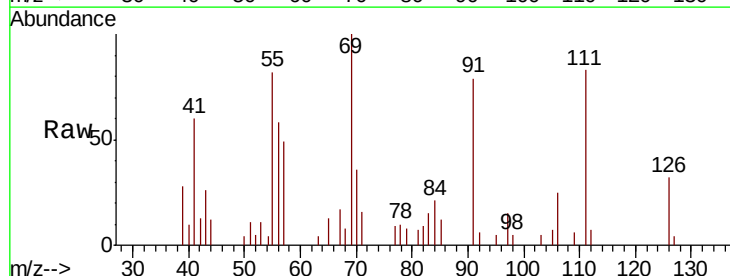
Instrument :
MSVOA_X
ClientSampled :
SB-11(8-10)

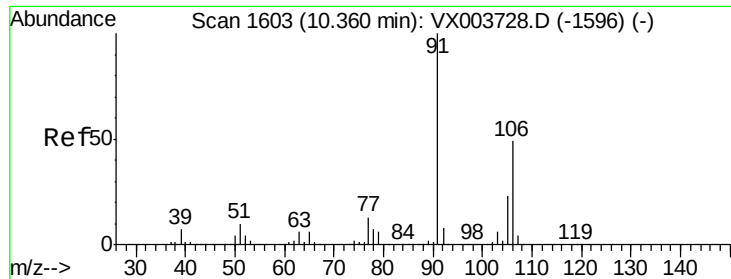
Tot Ion:117 Resp: 136220
Ion Ratio Lower Upper
117 100
82 54.8 43.2 64.8
119 31.9 26.3 39.5



#67
Ethyl Benzene
Concen: 0.37 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

Tgt Ion: 91 Resp: 1767
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

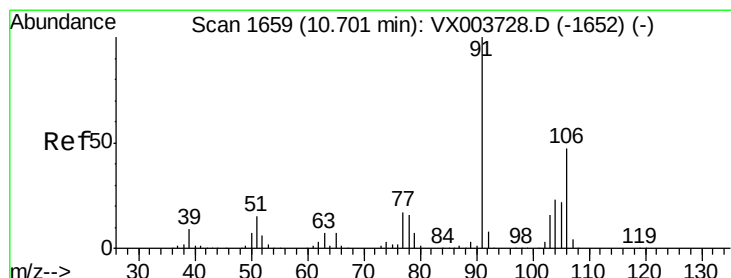
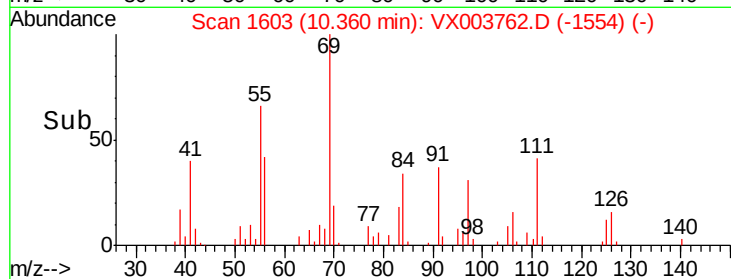
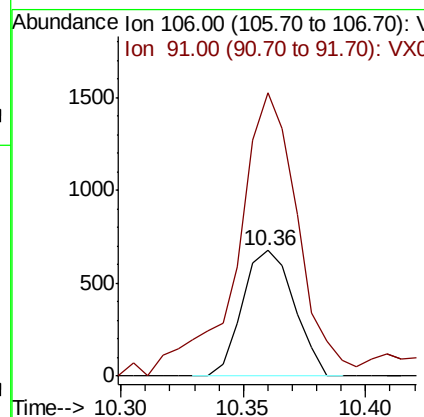
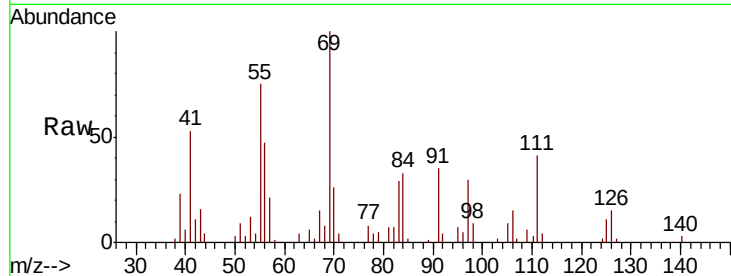




#68
m/p-Xylenes
Concen: 0.53 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

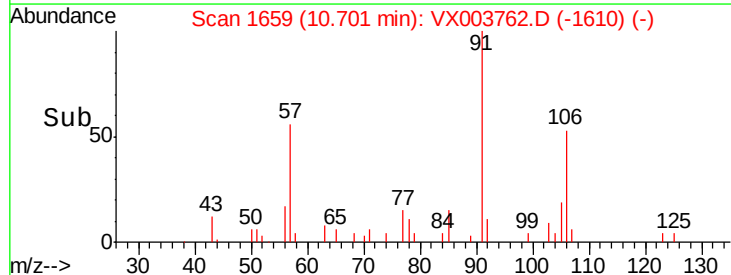
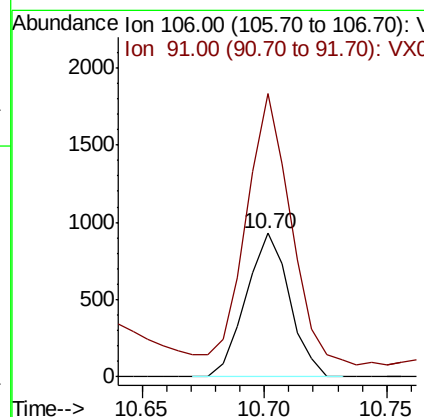
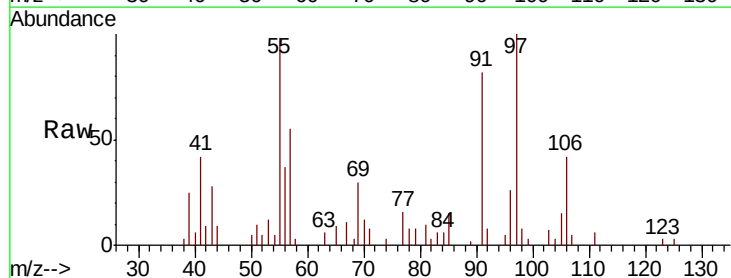
Instrument :
MSVOA_X
ClientSampled :
SB-11(8-10)

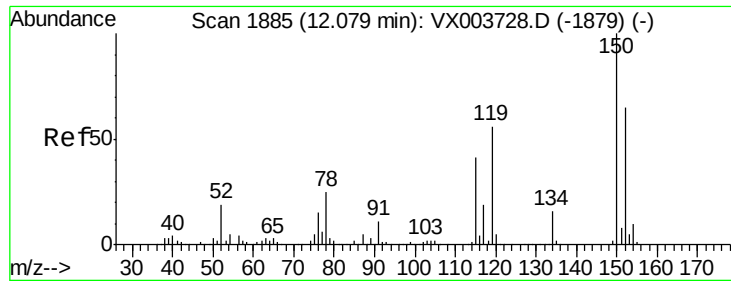
Tot Ion:106 Resp: 992
Ion Ratio Lower Upper
106 100
91 269.6 159.8 239.8#



#69
o-Xylene
Concen: 0.66 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

Tgt Ion:106 Resp: 1151
Ion Ratio Lower Upper
106 100
91 199.1 105.6 316.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampled :

SB-11(8-10)

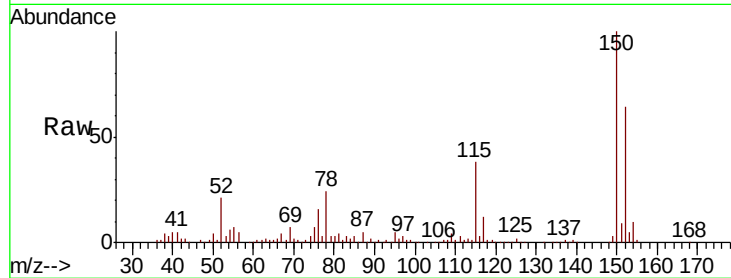
Tot Ion:152 Resp: 62080

Ion Ratio Lower Upper

152 100

115 56.3 38.5 115.3

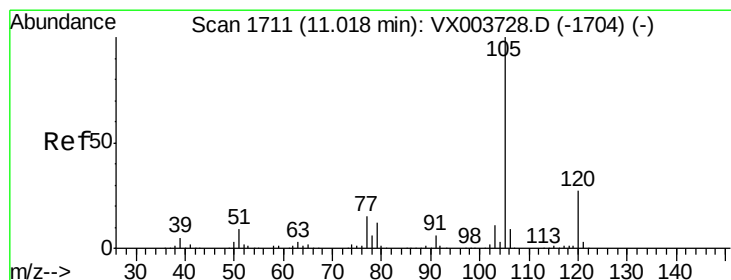
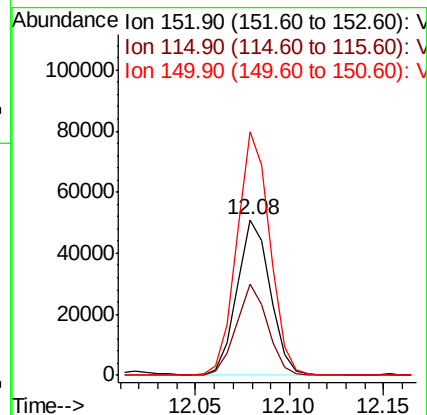
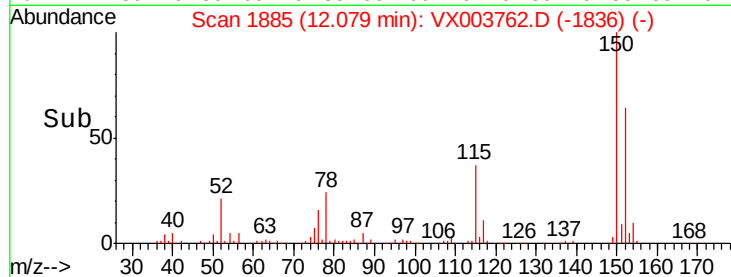
150 156.2 0.0 346.2



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: 0.42 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003762.D

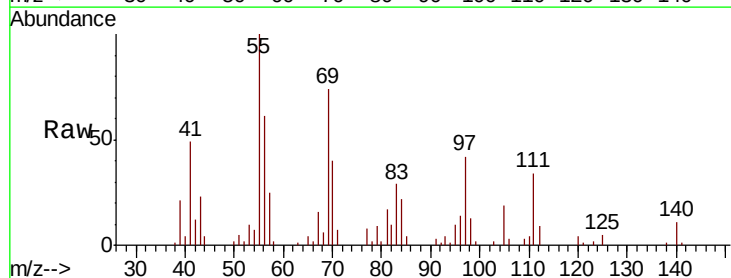
Acq: 31 Jul 2018 20:21

Tgt Ion:105 Resp: 1642

Ion Ratio Lower Upper

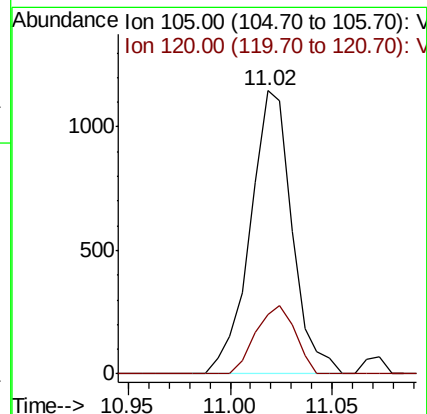
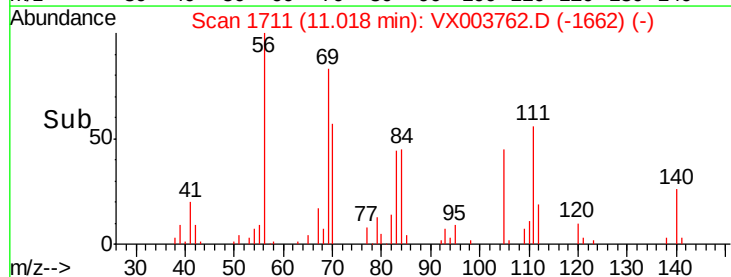
105 100

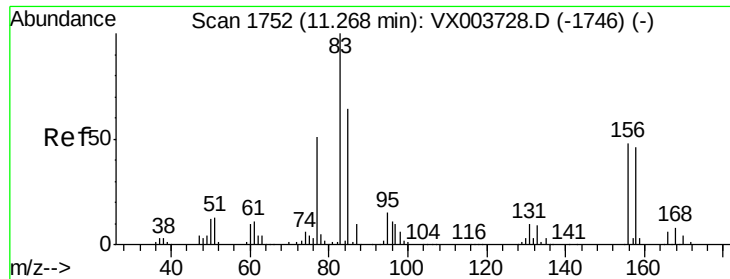
120 22.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.04 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampleId :

SB-11(8-10)

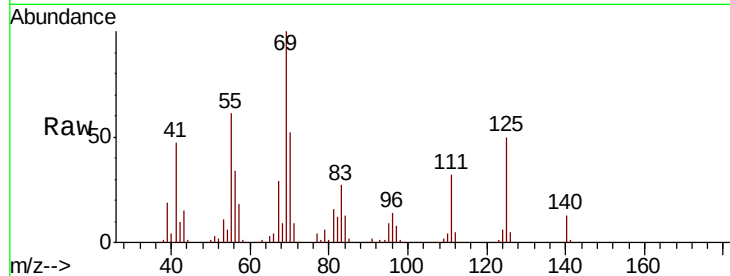
Tot Ion: 83 Resp: 18223

Ion Ratio Lower Upper

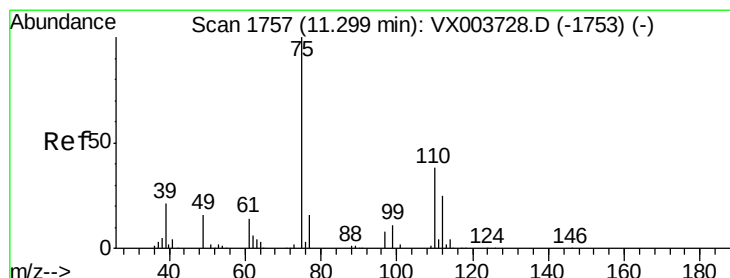
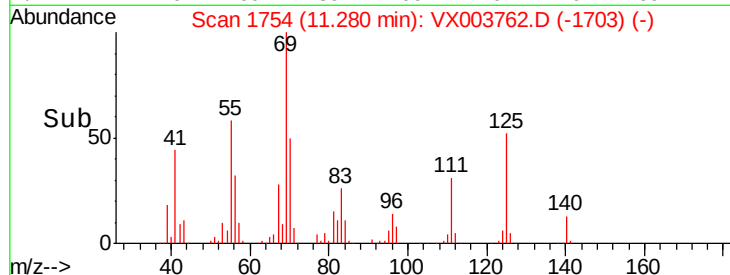
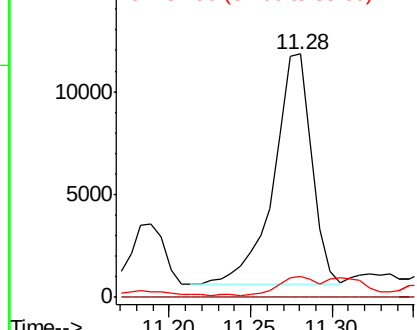
83 100

131 0.0 5.3 15.9#

85 8.5 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 35.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003762.D

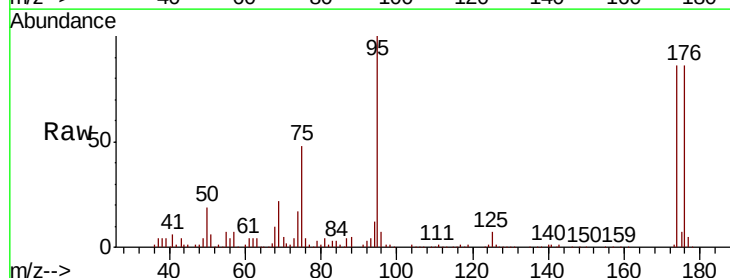
Acq: 31 Jul 2018 20:21

Tgt Ion: 75 Resp: 30791

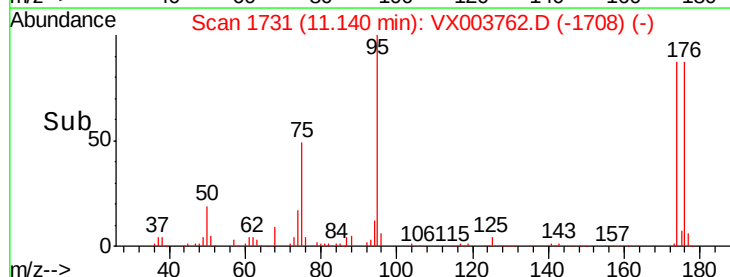
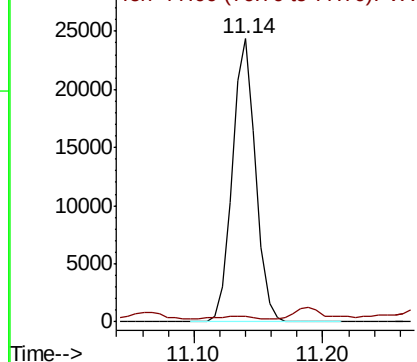
Ion Ratio Lower Upper

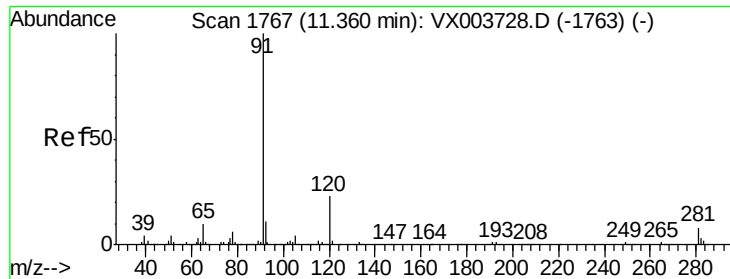
75 100

77 1.9 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: 0.51 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampled :

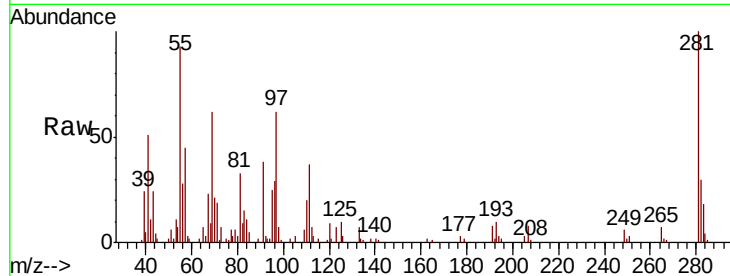
SB-11(8-10)

Tot Ion: 91 Resp: 2422

Ion Ratio Lower Upper

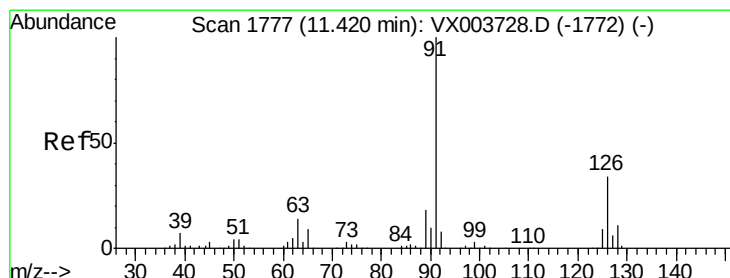
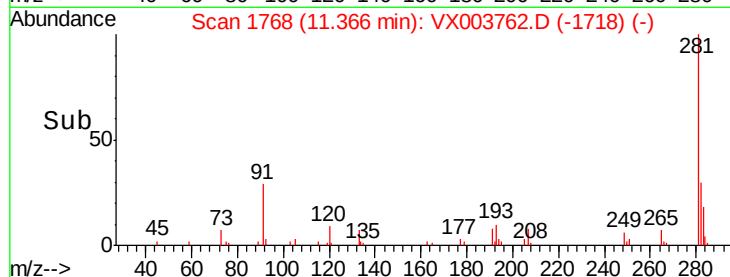
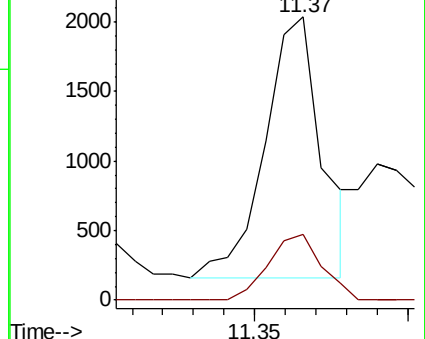
91 100

120 23.9 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: 0.89 ug/l

RT: 11.45 min Scan# 1782

Delta R.T. 0.03 min

Lab File: VX003762.D

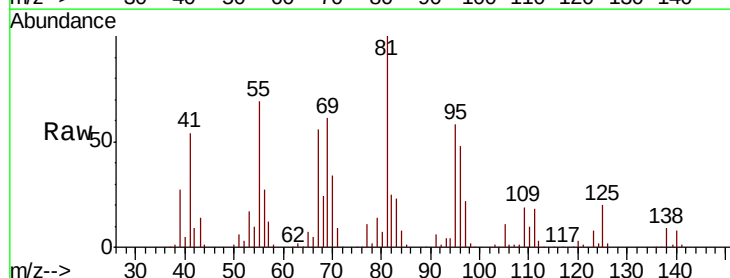
Acq: 31 Jul 2018 20:21

Tgt Ion: 91 Resp: 2387

Ion Ratio Lower Upper

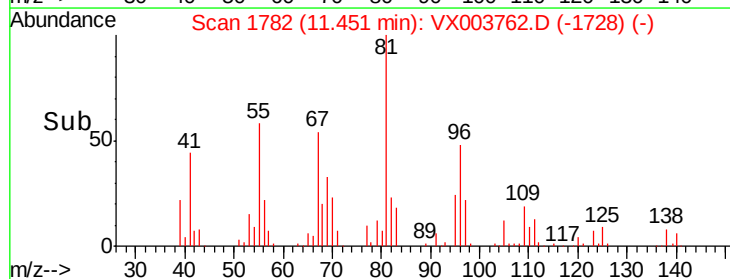
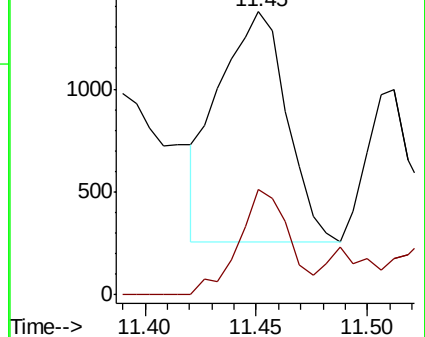
91 100

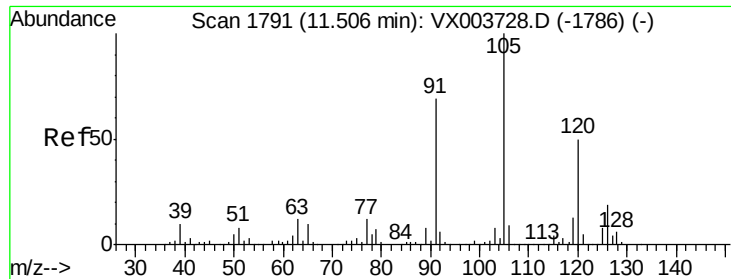
126 34.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

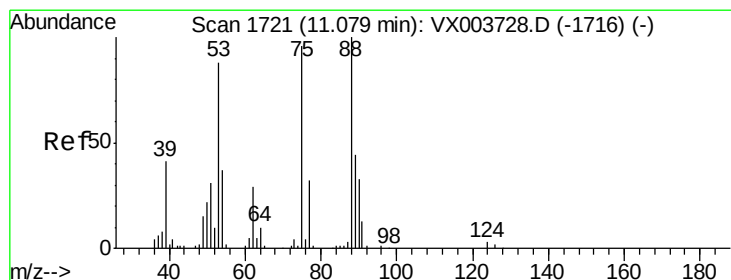
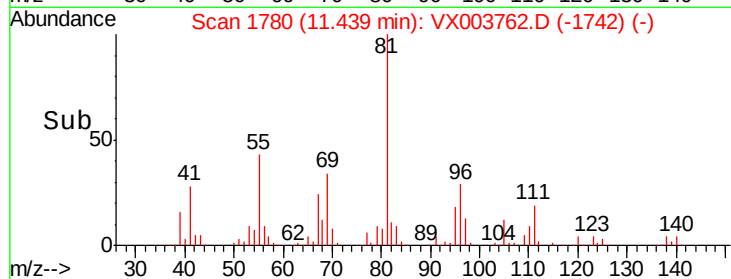
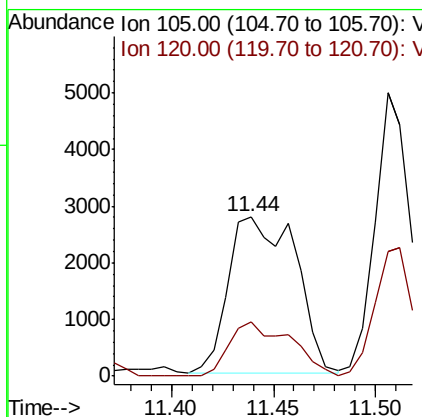
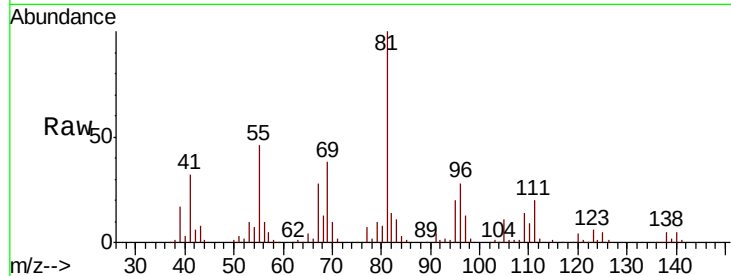




#80
 1,3,5-Trimethylbenzene
 Concen: 1.89 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. -0.07 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

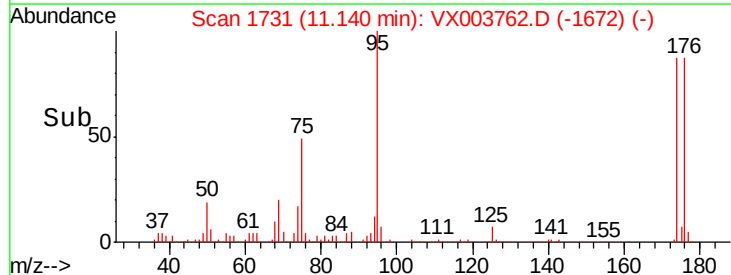
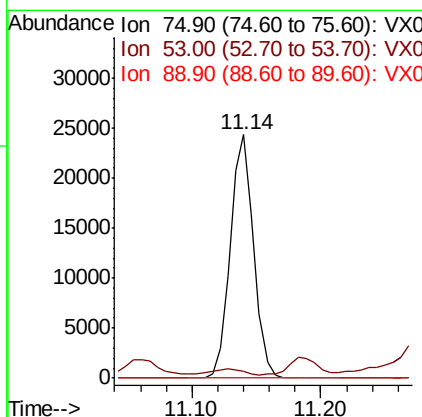
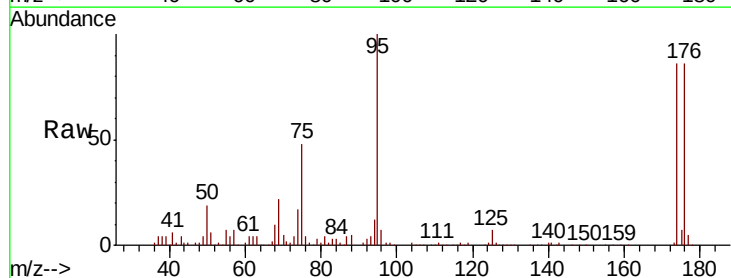
Instrument :
 MSVOA_X
 ClientSampled :
 SB-11(8-10)

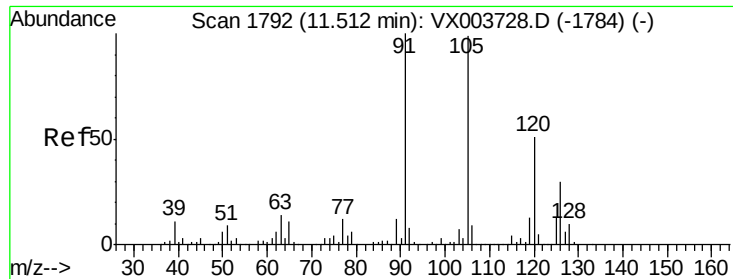
Tot Ion:105 Resp: 6262
 Ion Ratio Lower Upper
 105 100
 120 31.9 15.8 47.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.59 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

Tgt Ion: 75 Resp: 30791
 Ion Ratio Lower Upper
 75 100
 53 2.8 75.8 113.8#
 89 0.0 39.1 58.7#





#82

4-Chlorotoluene

Concen: 0.31 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampled :

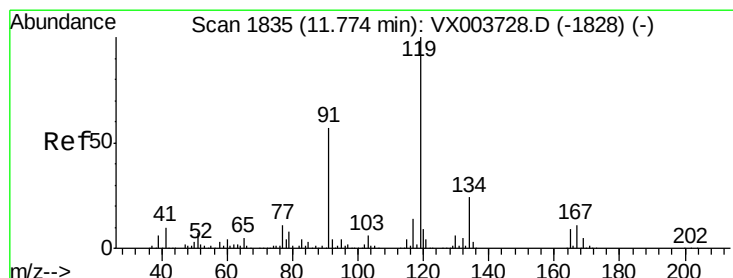
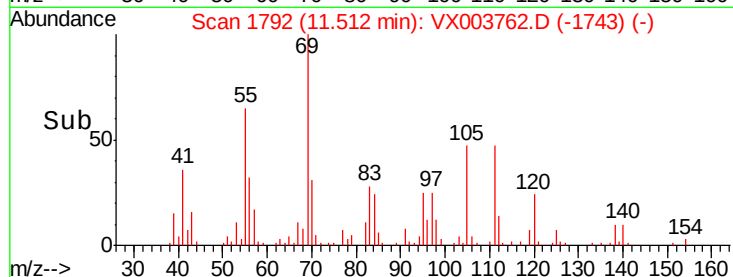
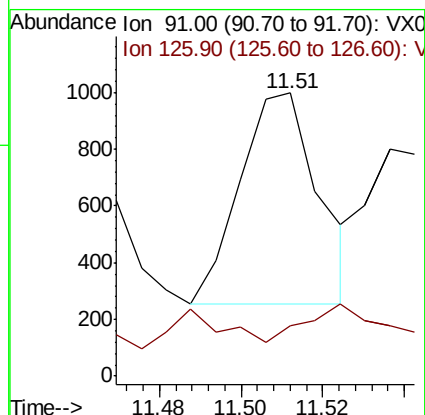
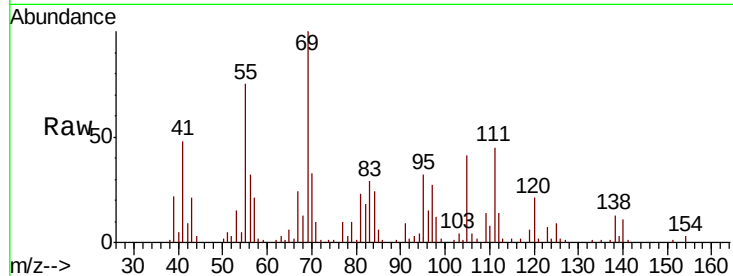
SB-11(8-10)

Tot Ion: 91 Resp: 998

Ion Ratio Lower Upper

91 100

126 19.8 15.6 46.7



#83

tert-Butylbenzene

Concen: 3.34 ug/l

RT: 11.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

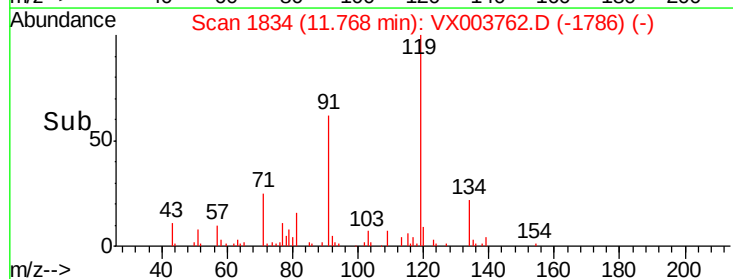
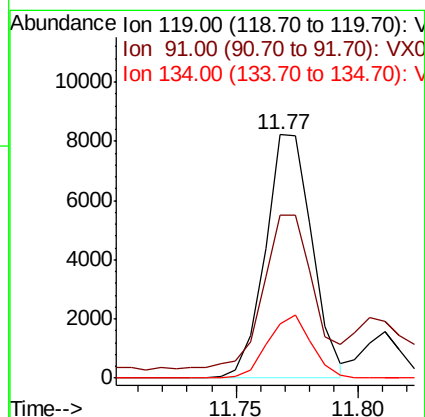
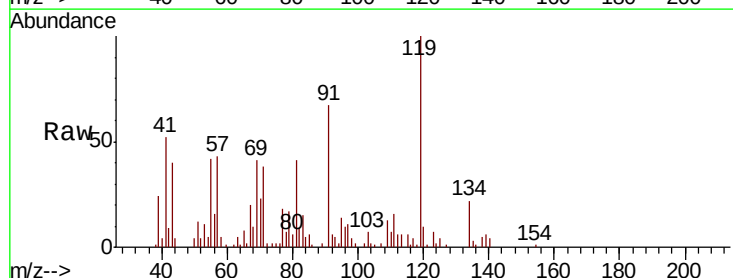
Tgt Ion: 119 Resp: 10958

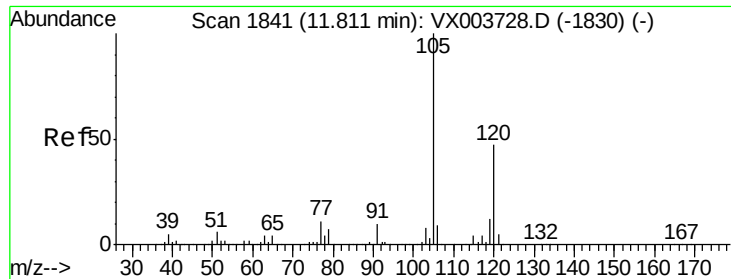
Ion Ratio Lower Upper

119 100

91 69.7 27.2 81.6

134 24.4 11.6 34.8

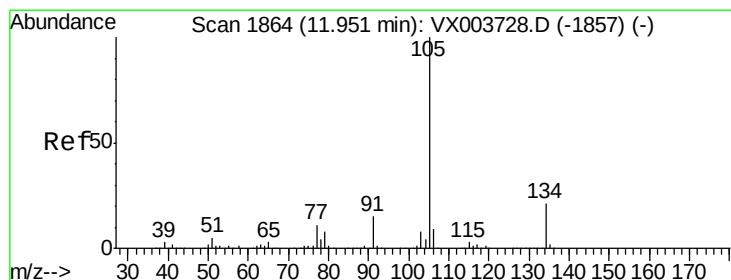
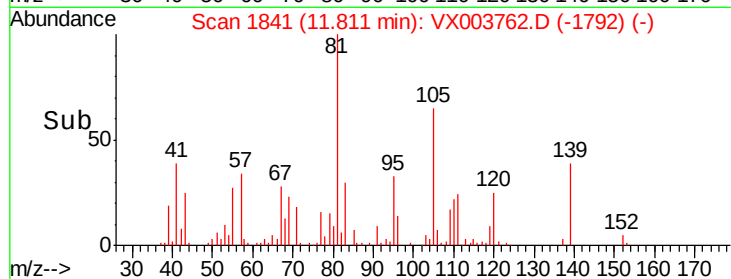
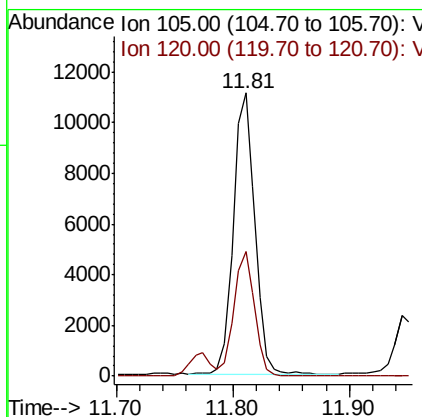
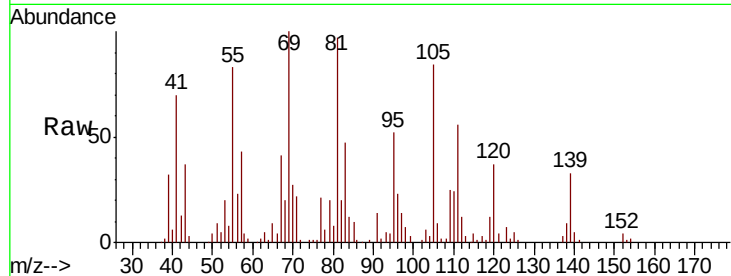




#84
 1,2,4-Trimethylbenzene
 Concen: 4.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

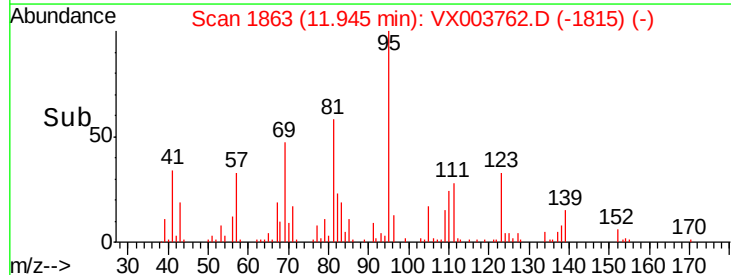
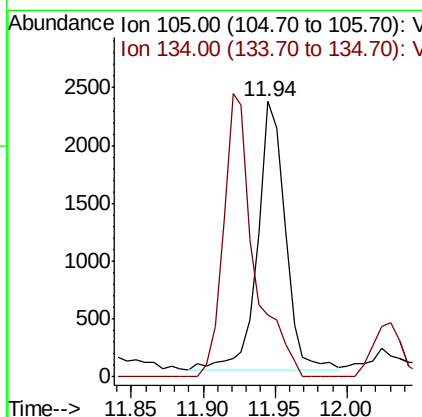
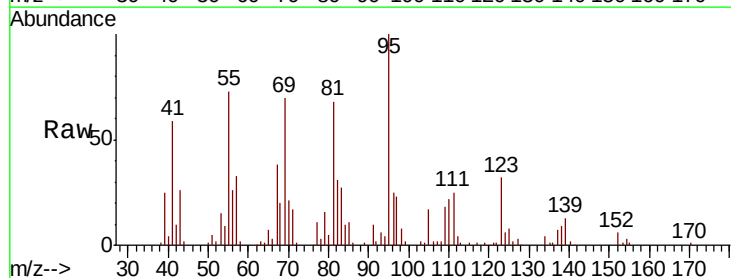
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11(8-10)

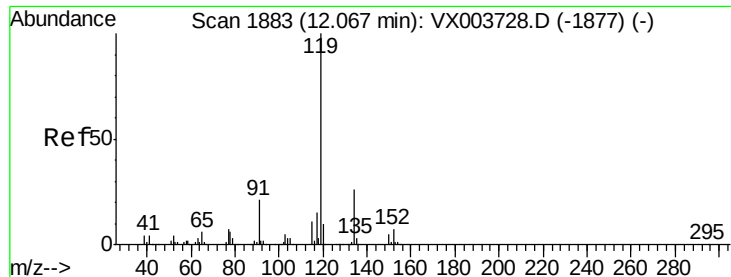
Tot Ion:105 Resp: 14310
 Ion Ratio Lower Upper
 105 100
 120 42.2 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 0.73 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003762.D
 Acq: 31 Jul 2018 20:21

Tgt Ion:105 Resp: 3055
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#





#86

p-Isopropyltoluene

Concen: 0.63 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampled :

SB-11(8-10)

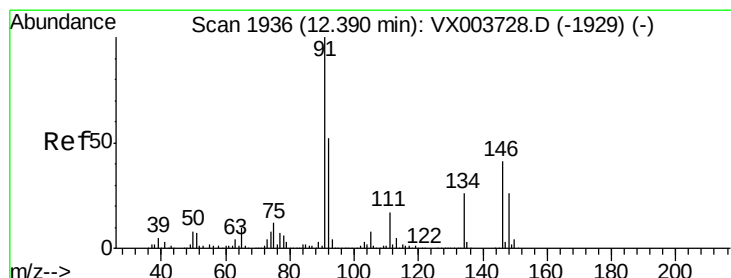
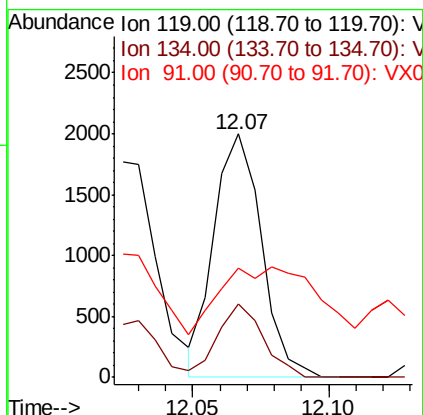
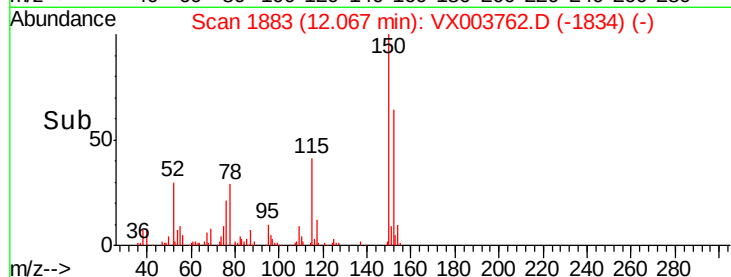
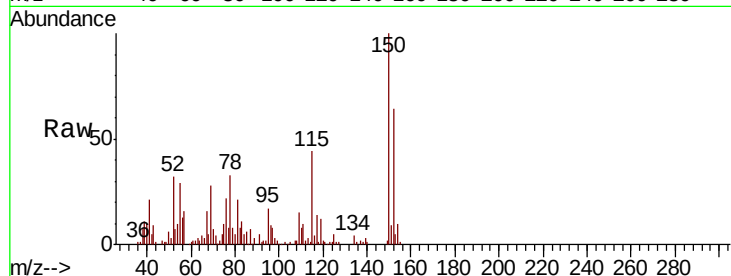
Tot Ion:119 Resp: 2422

Ion Ratio Lower Upper

119 100

134 28.8 10.1 30.1

91 54.9 23.6 70.8



#89

n-Butylbenzene

Concen: 1.51 ug/l

RT: 12.37 min Scan# 1933

Delta R.T. -0.02 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

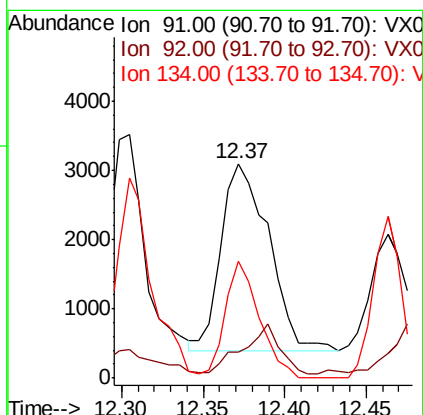
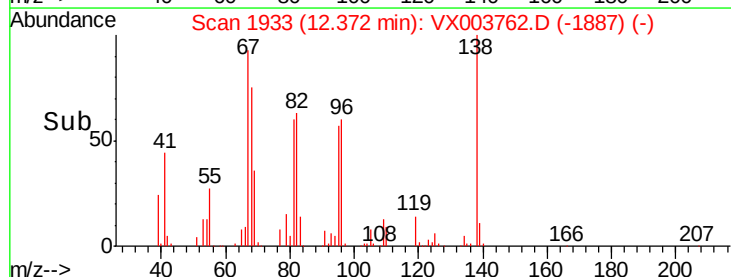
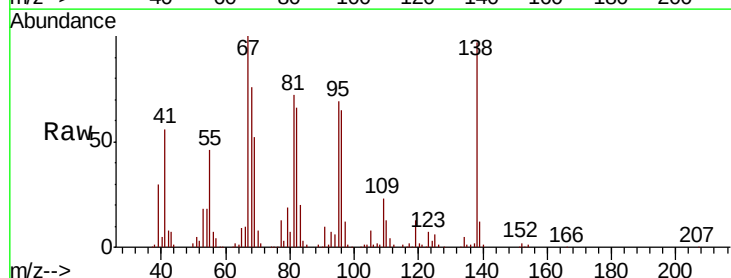
Tgt Ion: 91 Resp: 5472

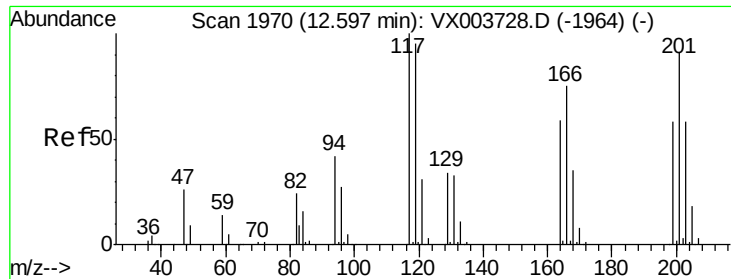
Ion Ratio Lower Upper

91 100

92 20.7 26.2 78.5#

134 45.0 13.6 40.7#





#90

Hexachloroethane

Concen: 1.61 ug/l

RT: 12.52 min Scan# 1958

Delta R.T. -0.07 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

Instrument :

MSVOA_X

ClientSampleId :

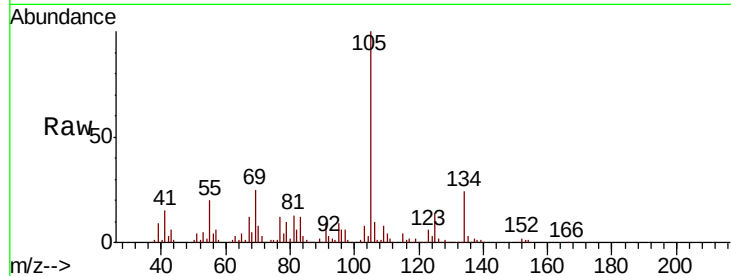
SB-11(8-10)

Tot Ion:117 Resp: 910

Ion Ratio Lower Upper

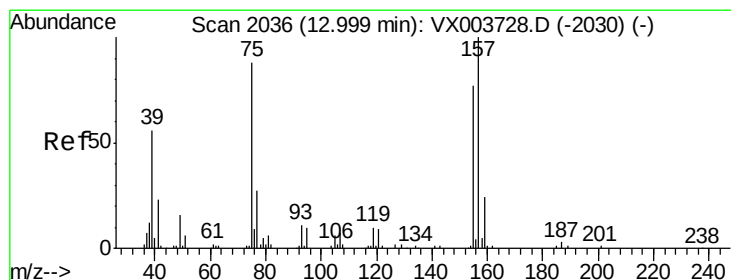
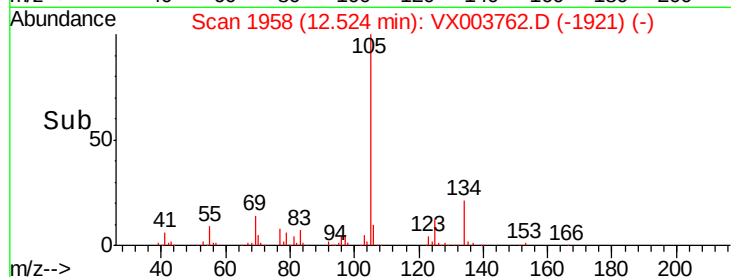
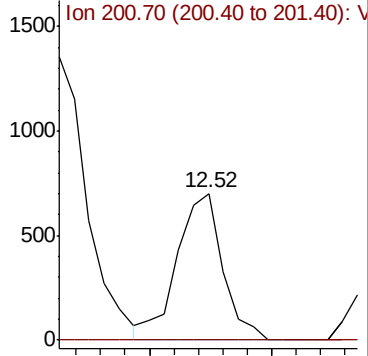
117 100

201 0.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.48 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003762.D

Acq: 31 Jul 2018 20:21

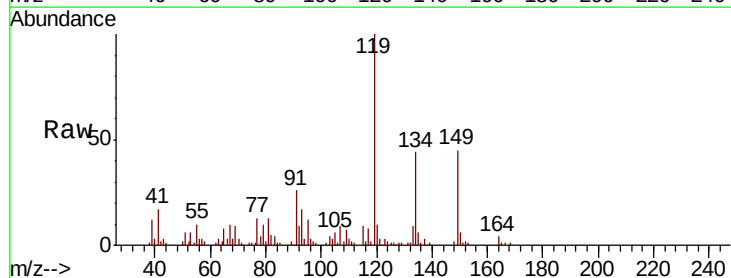
Tgt Ion: 75 Resp: 296

Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.7#

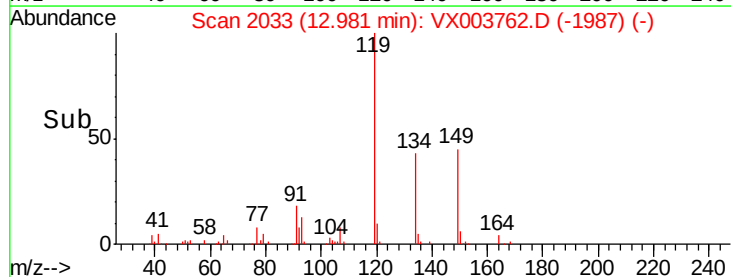
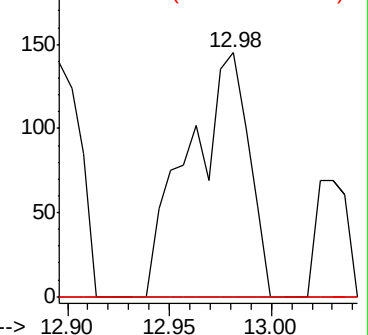
157 0.0 63.7 191.1#

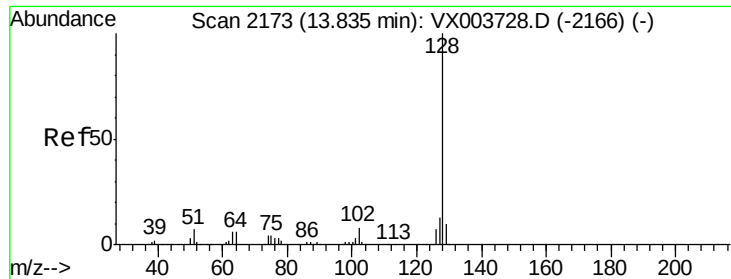


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

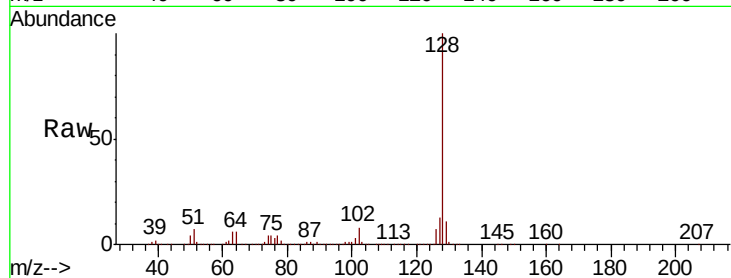




#95
Naphthalene
Concen: 90.88 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003762.D
Acq: 31 Jul 2018 20:21

Instrument :
MSVOA_X
ClientSampleId :
SB-11(8-10)

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	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

