

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003764.D
 Acq On : 31 Jul 2018 21:11
 Operator : JC/SP
 Sample : J4109-08
 Misc : 11.10G/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(10-12)

Quant Time: Aug 01 01:32:03 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	110707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	160892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	114909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	52202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	59201	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	5.51	113	52257	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
50) Toluene-d8	8.72	98	172016	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
62) 4-Bromofluorobenzene	11.14	95	56148	38.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.10%	

Target Compounds				Qvalue		
5) Bromomethane	1.64	94	104	Below Cal	#	71
6) Chloroethane	1.70	64	177	0.21	ug/l #	42
11) Tert butyl alcohol	3.02	59	3052	16.83	ug/l #	73
13) Acrolein	2.29	56	388	6.54	ug/l	83
14) Allyl chloride	2.72	41	469	0.27	ug/l #	66
16) Acetone	2.45	43	45766	107.01	ug/l	98
17) Carbon Disulfide	2.57	76	4181	1.30	ug/l	95
18) Methyl Acetate	2.78	43	493	0.41	ug/l #	52
19) Methyl tert-butyl Ether	3.21	73	612	0.23	ug/l	93
20) Methylene Chloride	2.85	84	3286	Below Cal		88
25) 2-Butanone	4.70	43	14160	22.71	ug/l	95
26) 2,2-Dichloropropane	4.74	77	957	0.66	ug/l #	51
29) Tetrahydrofuran	5.18	42	157	0.40	ug/l #	33
31) Cyclohexane	5.59	56	444	0.25	ug/l #	78
36) 1,1-Dichloropropene	5.66	75	7093	4.71	ug/l #	48
37) Ethyl Acetate	4.70	43	14160	12.23	ug/l #	68
38) Carbon Tetrachloride	5.66	117	9331	6.70	ug/l #	15
39) Methylcyclohexane	7.46	83	1273	0.69	ug/l #	93
41) Methacrylonitrile	5.18	41	160	0.25	ug/l #	23
48) Methyl methacrylate	7.84	41	199	0.22	ug/l #	27
51) 4-Methyl-2-Pentanone	8.65	43	235	0.21	ug/l #	35
52) Toluene	8.79	92	543	0.20	ug/l	92
55) 1,1,2-Trichloroethane	9.17	97	372	0.40	ug/l #	15
59) 2-Hexanone	9.45	43	3511	4.07	ug/l #	28
67) Ethyl Benzene	10.26	91	1039	0.26	ug/l	95
68) m/p-Xylenes	10.37	106	813	0.51	ug/l	75
69) o-Xylene	10.70	106	1234	0.84	ug/l	85
73) Isopropylbenzene	11.02	105	7091	2.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	6868	8.08	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	27975	38.88	ug/l #	35
78) n-propylbenzene	11.37	91	1008	0.25	ug/l	100
79) 2-Chlorotoluene	11.46	91	864	0.38	ug/l	87
80) 1,3,5-Trimethylbenzene	11.46	105	1562	0.56	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.14	75	27975	115.16	ug/l #	12

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003764.D
 Acq On : 31 Jul 2018 21:11
 Operator : JC/SP
 Sample : J4109-08
 Misc : 11.10G/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(10-12)

Quant Time: Aug 01 01:32:03 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

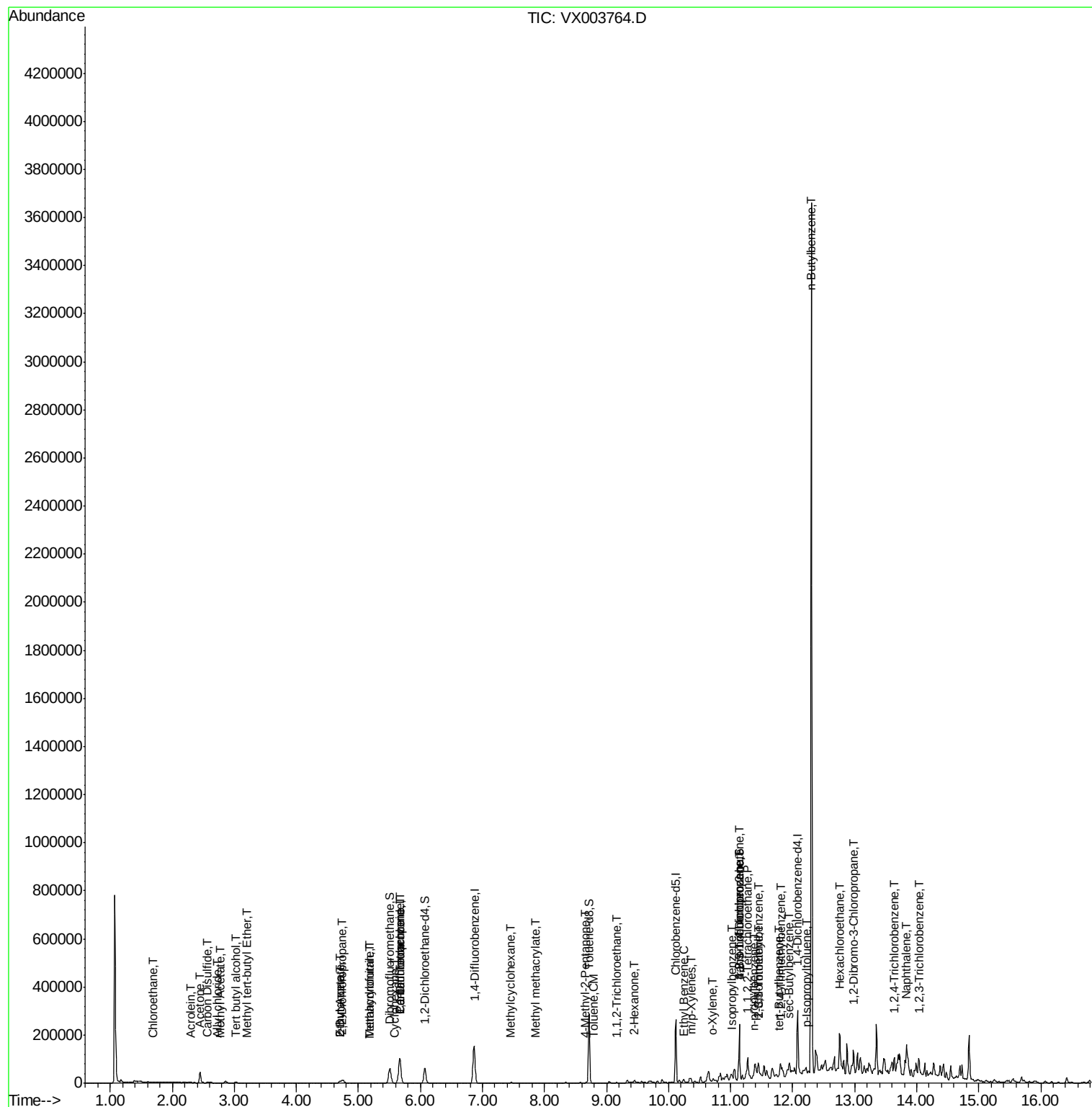
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	591	0.21	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.81	105	2163	0.75	ug/l	87
85) sec-Butylbenzene	11.95	105	2101	0.60	ug/l #	56
86) p-Isopropyltoluene	12.24	119	5039	1.57	ug/l #	46
89) n-Butylbenzene	12.30	91	233362	76.43	ug/l #	43
90) Hexachloroethane	12.76	117	67068	140.79	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	215	1.28	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	321	0.25	ug/l #	1
95) Naphthalene	13.83	128	74477	27.37	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.03	180	341	0.30	ug/l #	1

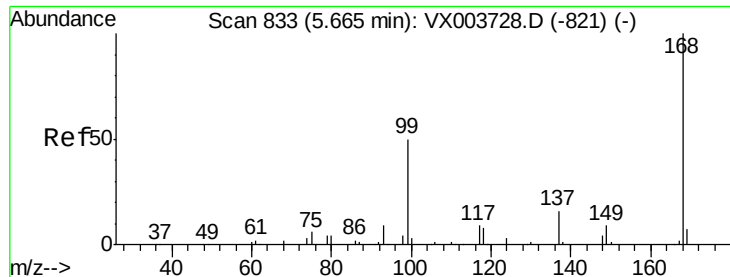
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003764.D
Acq On : 31 Jul 2018 21:11
Operator : JC/SP
Sample : J4109-08
Misc : 11.10G/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

Quant Time: Aug 01 01:32:03 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

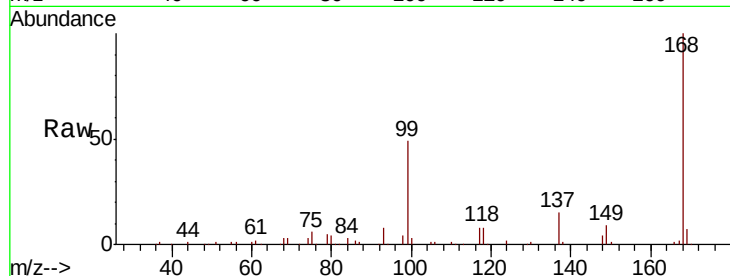
SB-10(10-12)

Tot Ion:168 Resp: 110707

Ion Ratio Lower Upper

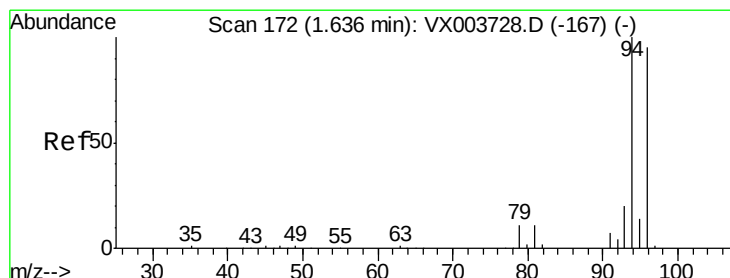
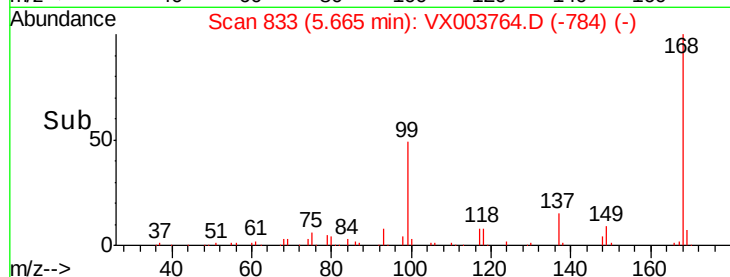
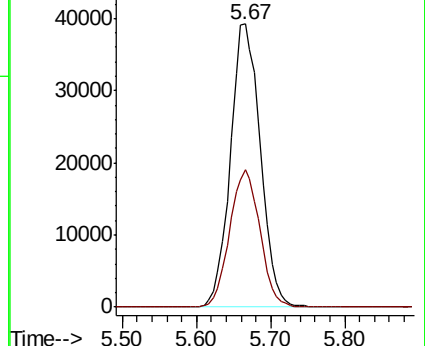
168 100

99 48.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003764.D

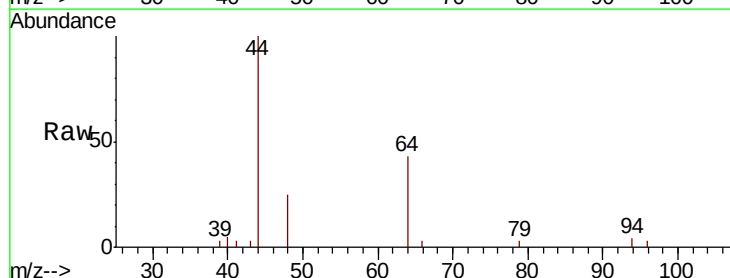
Acq: 31 Jul 2018 21:11

Tgt Ion: 94 Resp: 104

Ion Ratio Lower Upper

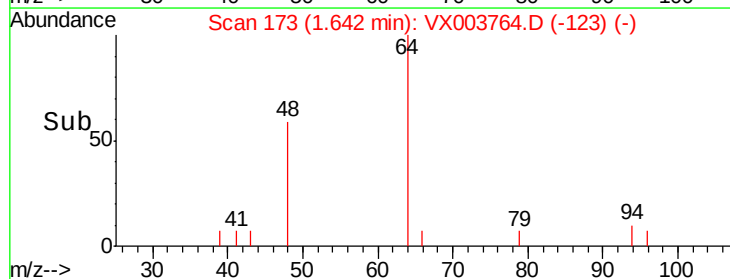
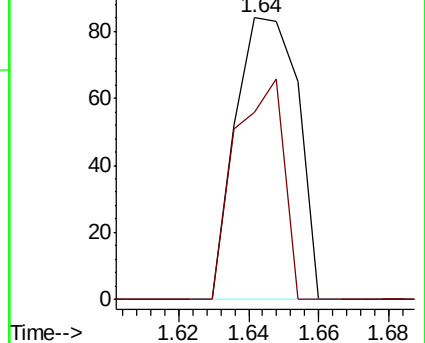
94 100

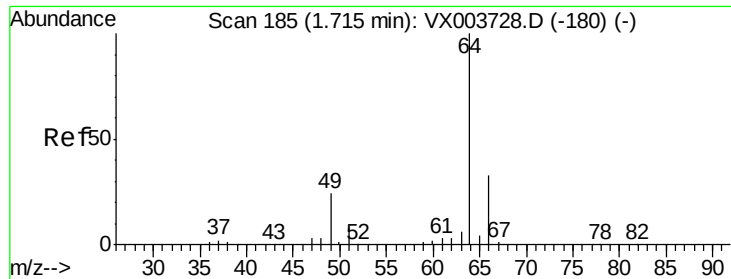
96 66.7 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.21 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

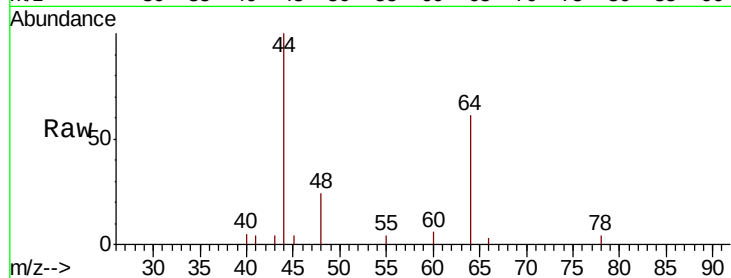
SB-10(10-12)

Tot Ion: 64 Resp: 177

Ion Ratio Lower Upper

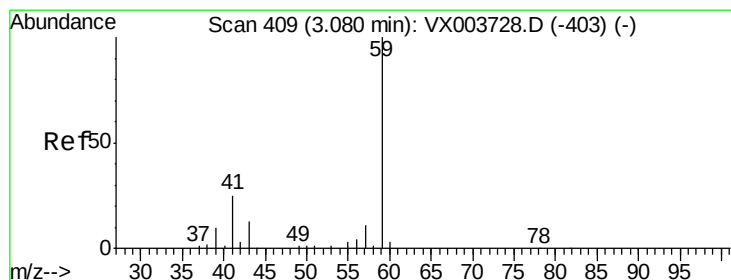
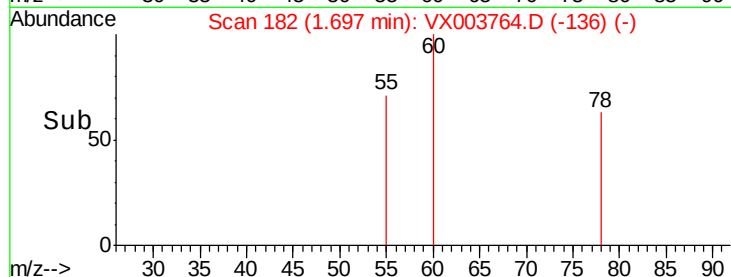
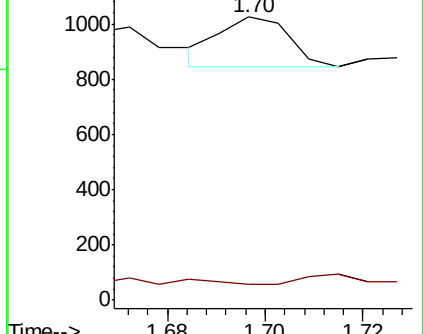
64 100

66 0.0 26.4 39.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 16.83 ug/l

RT: 3.02 min Scan# 399

Delta R.T. -0.06 min

Lab File: VX003764.D

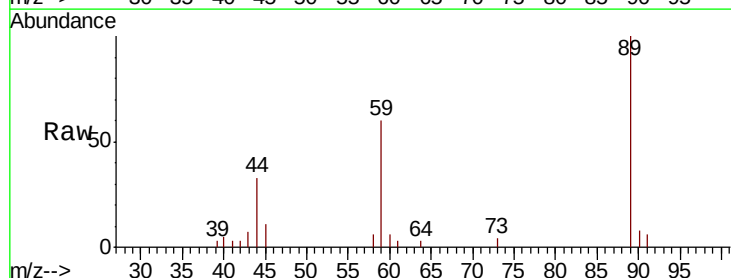
Acq: 31 Jul 2018 21:11

Tgt Ion: 59 Resp: 3052

Ion Ratio Lower Upper

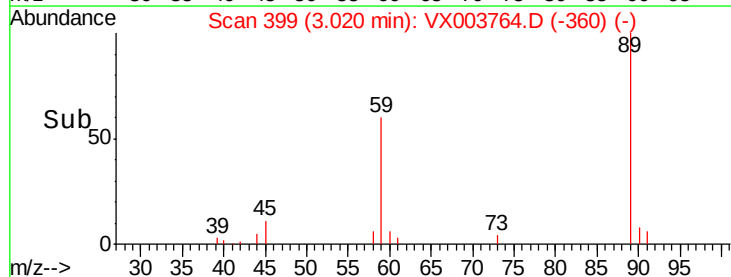
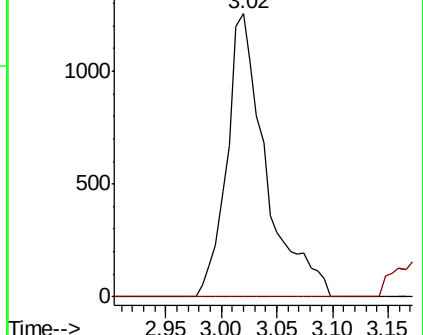
59 100

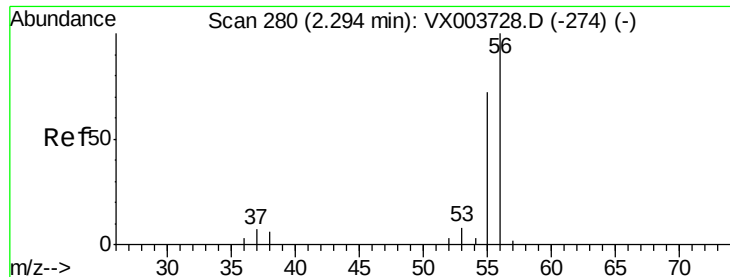
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 6.54 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

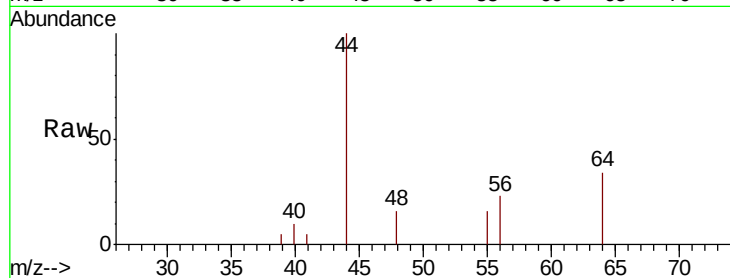
SB-10(10-12)

Tot Ion: 56 Resp: 388

Ion Ratio Lower Upper

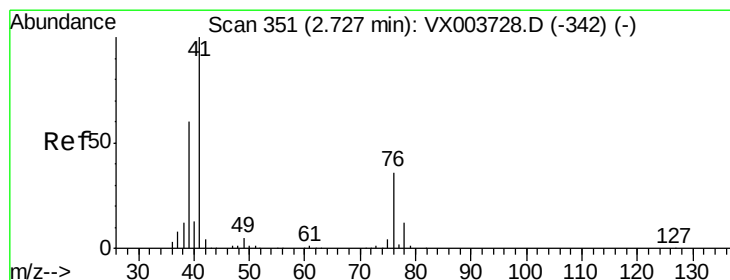
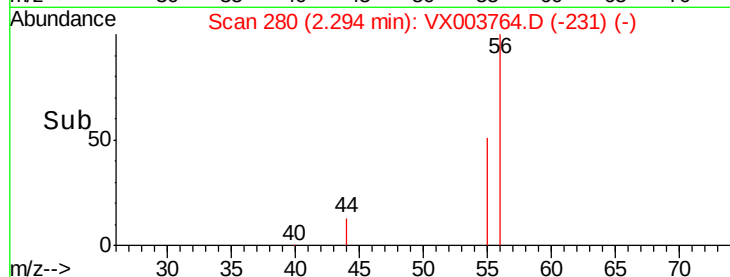
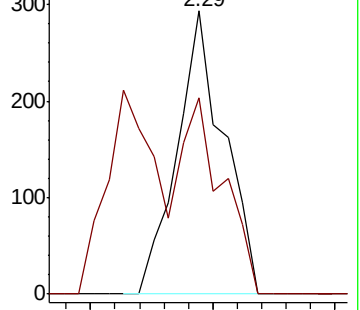
56 100

55 62.1 61.4 92.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.27 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

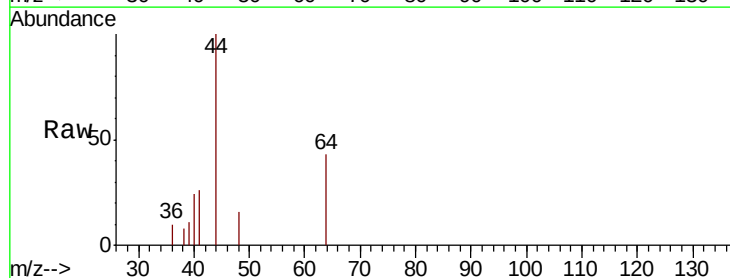
Tgt Ion: 41 Resp: 469

Ion Ratio Lower Upper

41 100

39 45.0 47.7 71.5#

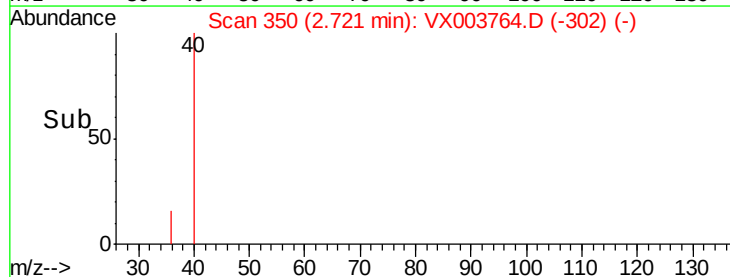
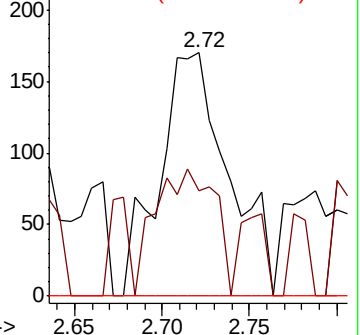
76 0.0 27.0 40.6#

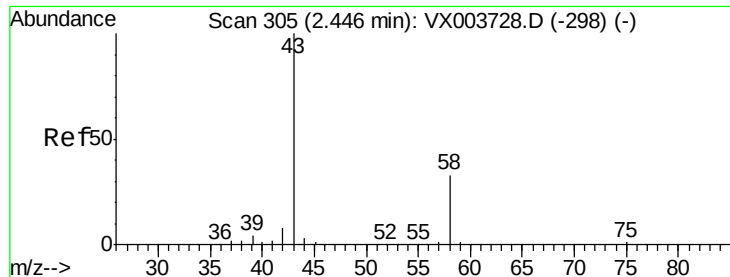


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 107.01 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

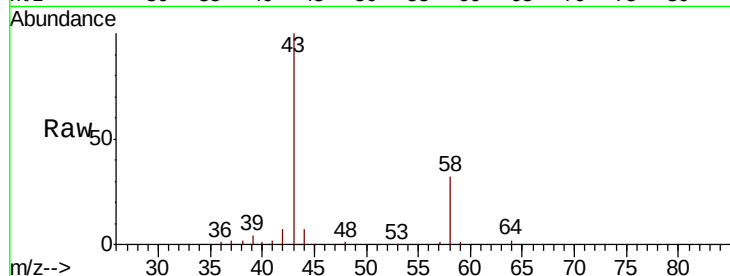
SB-10(10-12)

Tot Ion: 43 Resp: 45766

Ion Ratio Lower Upper

43 100

58 32.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

15000

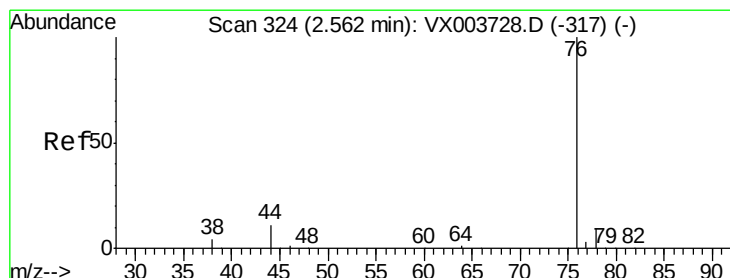
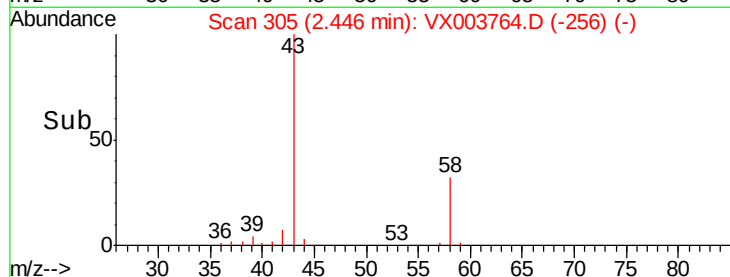
10000

5000

0

Time-->

2.40 2.50 2.60



#17

Carbon Disulfide

Concen: 1.30 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003764.D

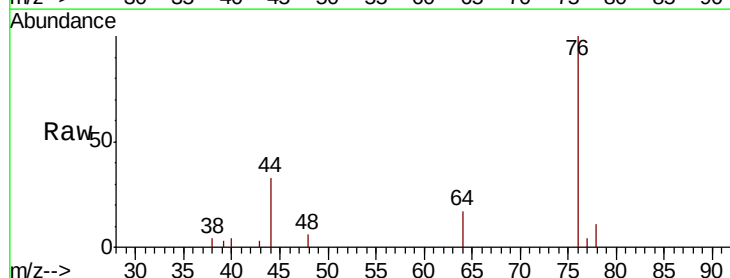
Acq: 31 Jul 2018 21:11

Tgt Ion: 76 Resp: 4181

Ion Ratio Lower Upper

76 100

78 10.8 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

3000

2500

2000

1500

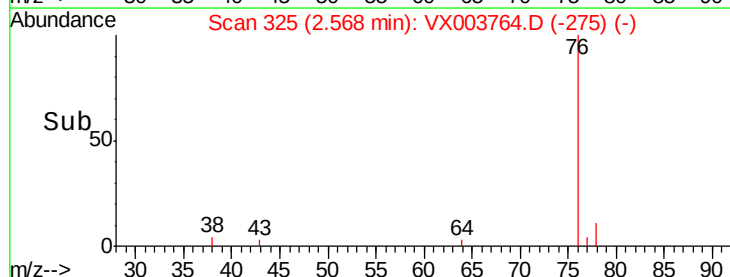
1000

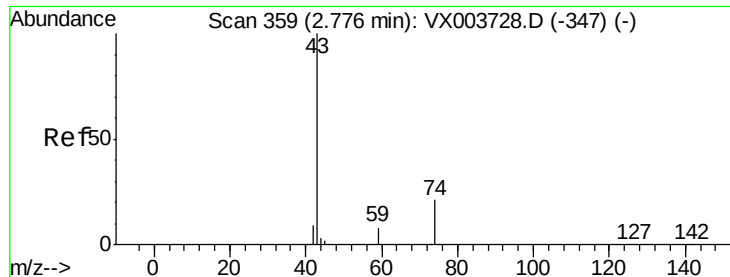
500

0

Time-->

2.50 2.55 2.60 2.65

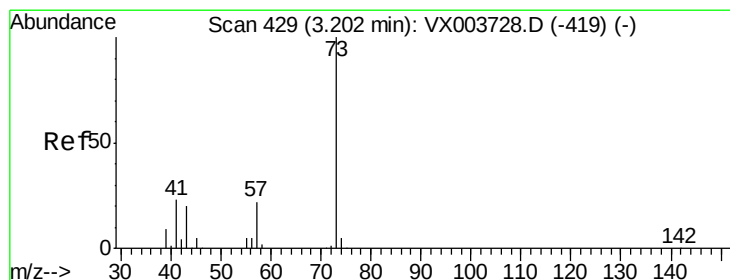
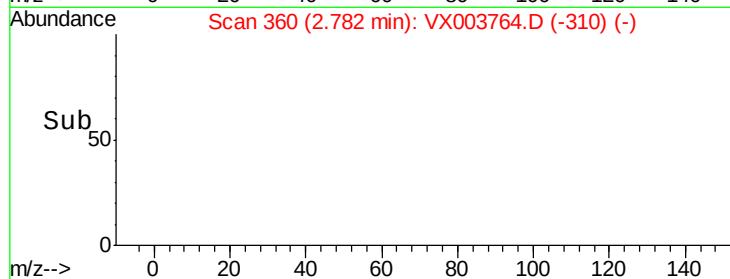
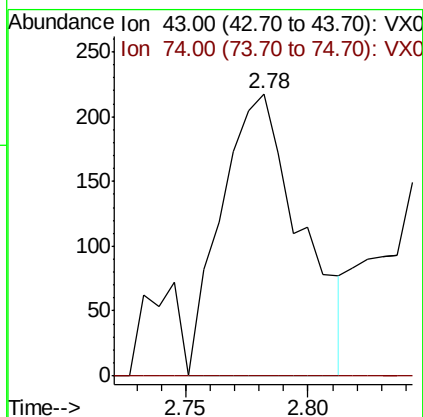
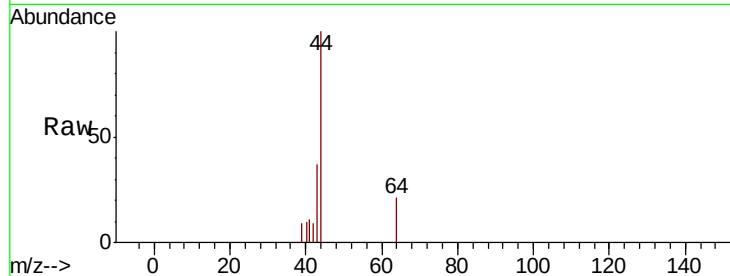




#18
Methyl Acetate
Concen: 0.41 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

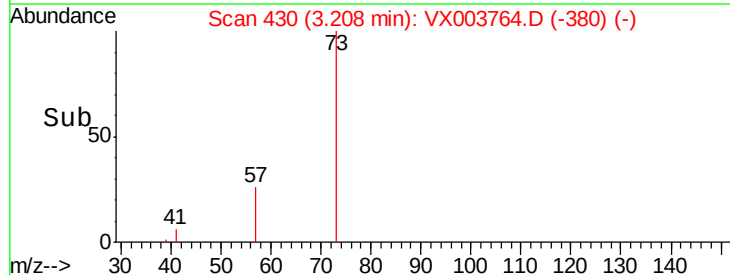
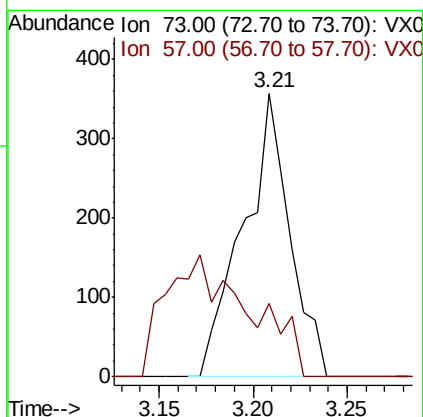
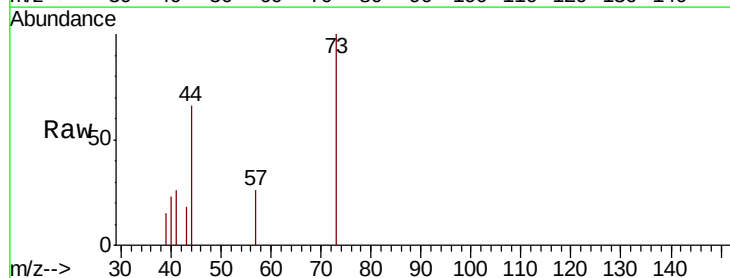
Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

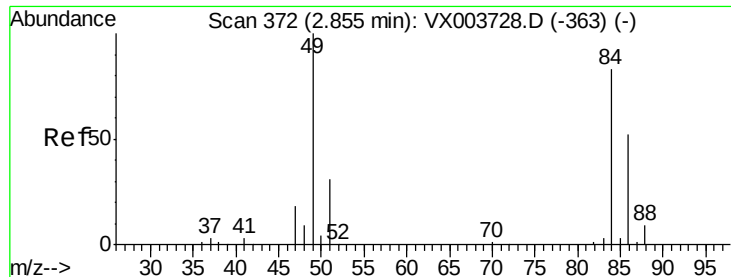
Tot Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#19
Methyl tert-butyl Ether
Concen: 0.23 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.01 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion: 73 Resp: 612
Ion Ratio Lower Upper
73 100
57 25.8 18.0 27.0

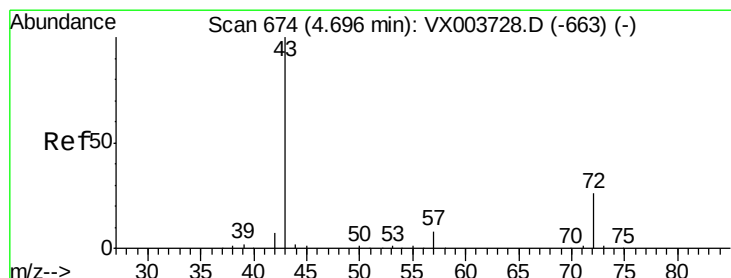
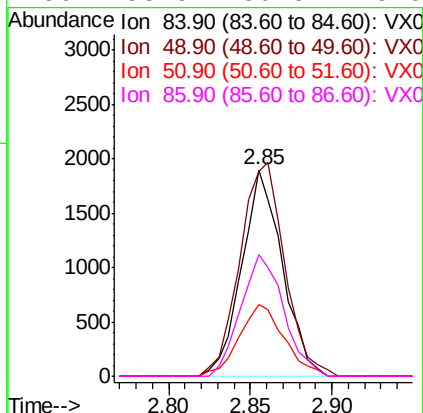
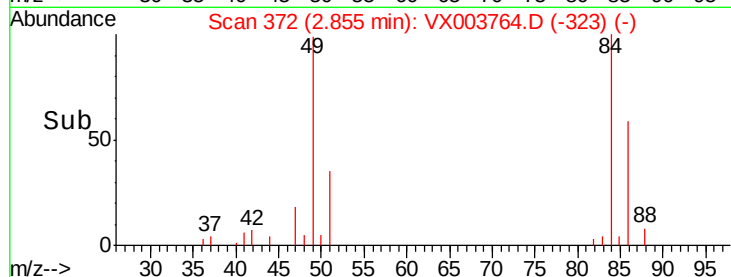
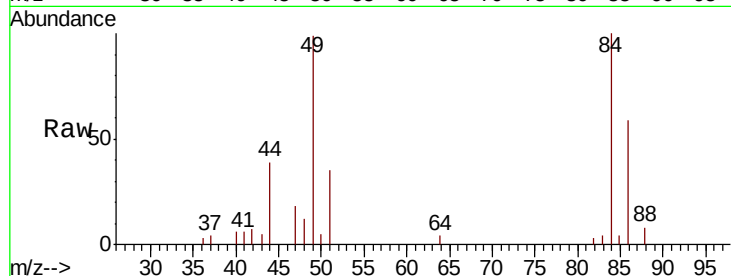




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

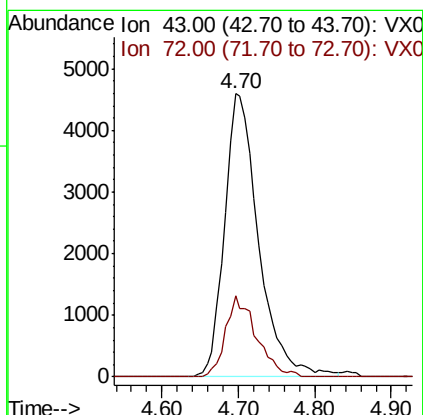
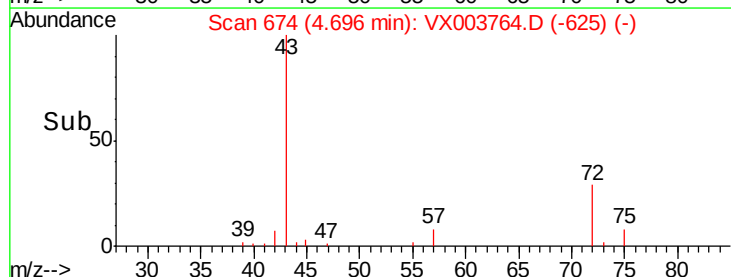
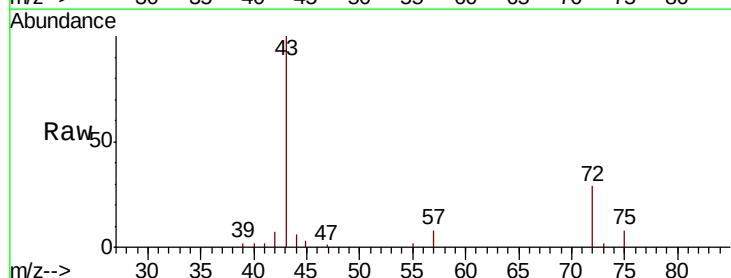
Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

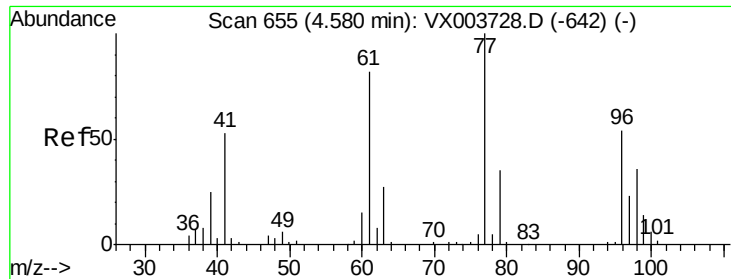
Tot Ion: 84 Resp: 3286
Ion Ratio Lower Upper
84 100
49 99.1 95.8 143.8
51 34.7 29.6 44.4
86 58.9 50.0 75.0



#25
2-Butanone
Concen: 22.71 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion: 43 Resp: 14160
Ion Ratio Lower Upper
43 100
72 28.7 20.9 31.3

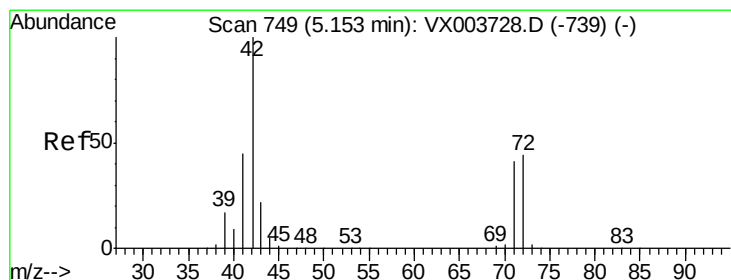
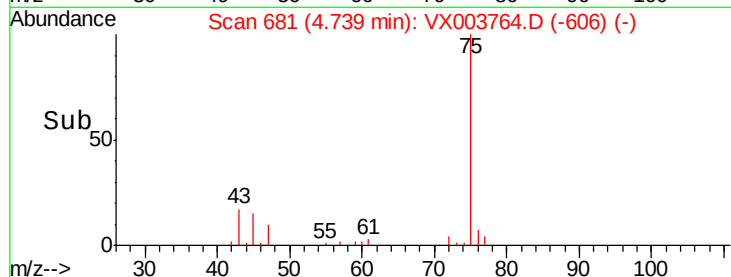
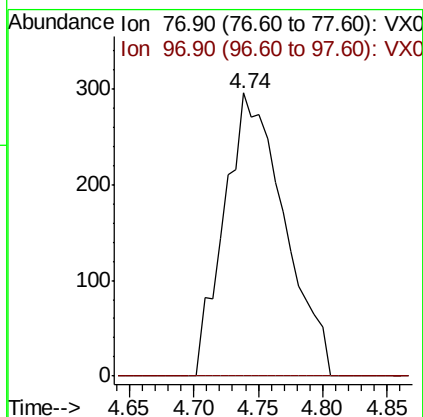
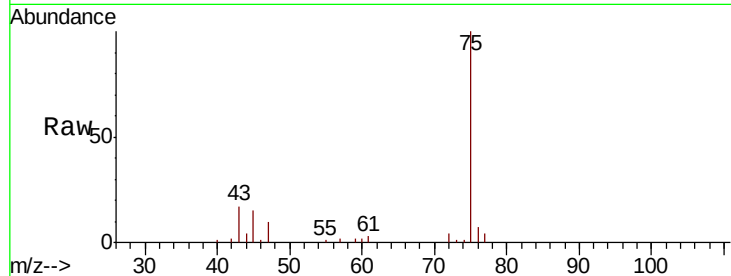




#26
 2,2-Dichloropropane
 Concen: 0.66 ug/l
 RT: 4.74 min Scan# 681
 Delta R.T. 0.16 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

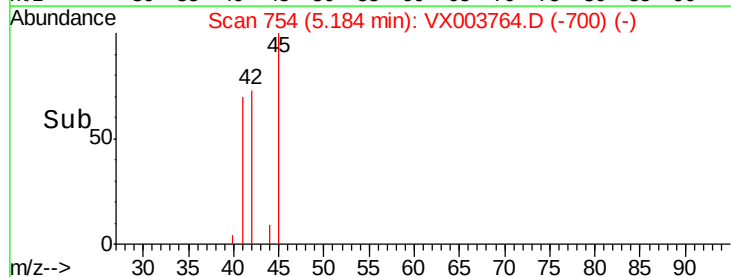
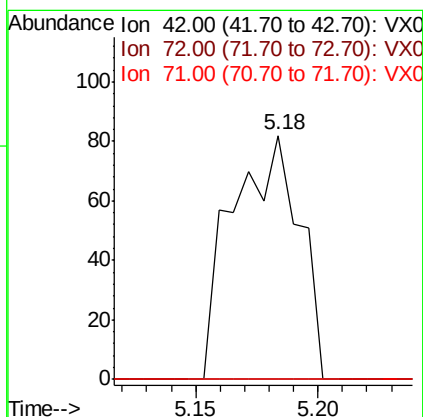
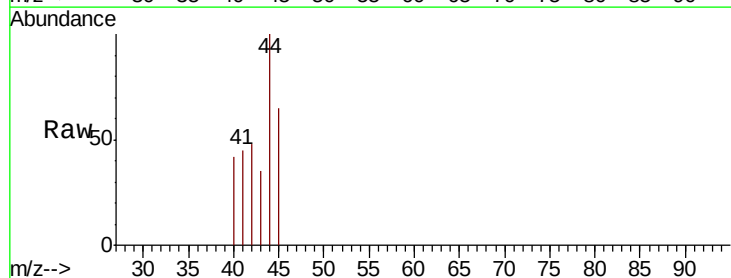
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(10-12)

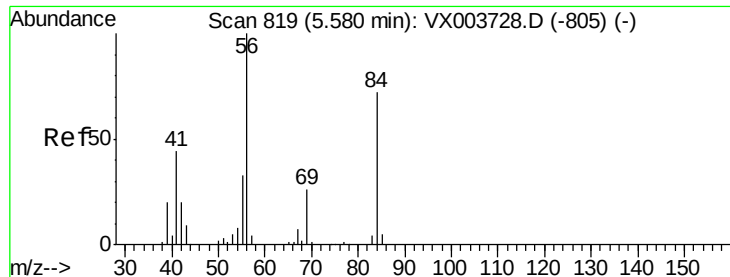
Tot Ion: 77 Resp: 957
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.6#



#29
 Tetrahydrofuran
 Concen: 0.40 ug/l
 RT: 5.18 min Scan# 754
 Delta R.T. 0.03 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

Tgt Ion: 42 Resp: 157
 Ion Ratio Lower Upper
 42 100
 72 0.0 35.6 53.4#
 71 0.0 33.4 50.0#

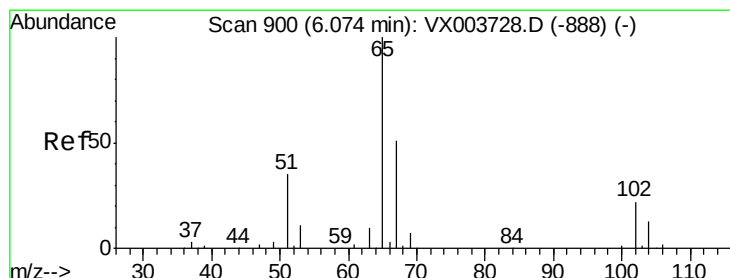
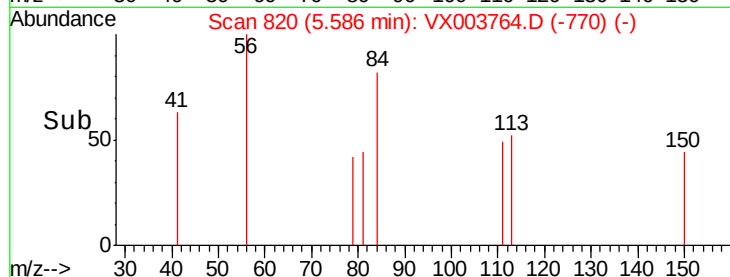
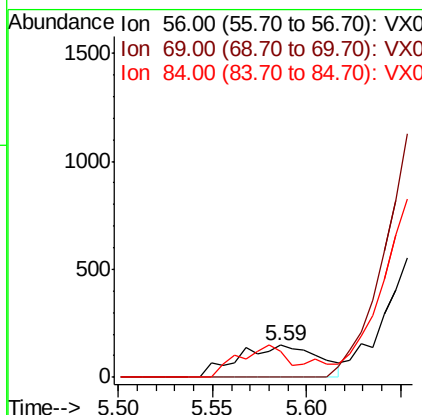
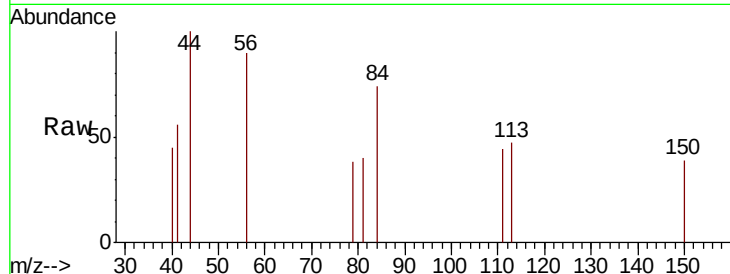




#31
Cyclohexane
Concen: 0.25 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

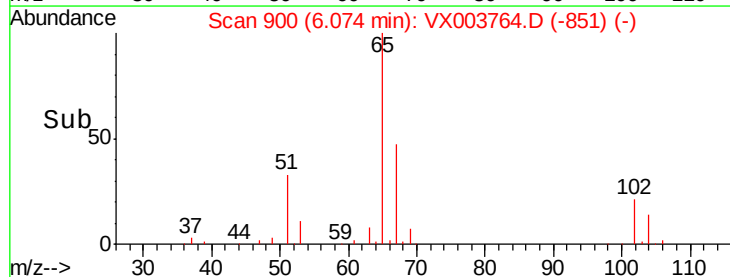
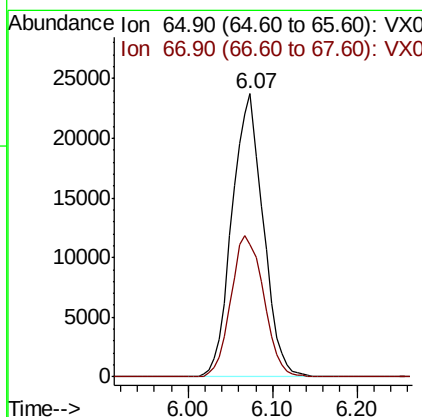
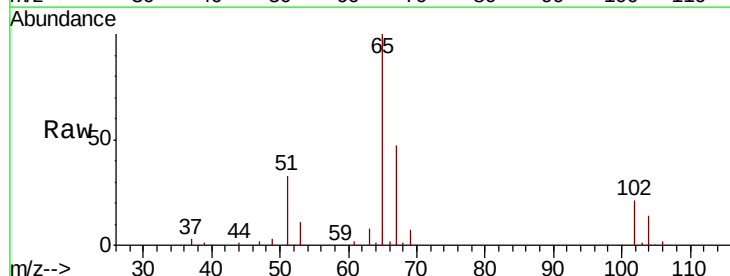
Instrument :
MSVOA_X
ClientSampled :
SB-10(10-12)

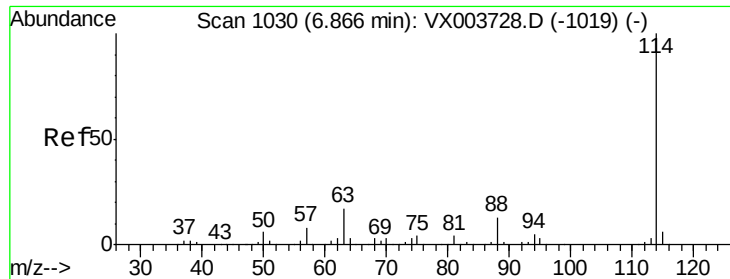
Tot Ion: 56 Resp: 444
Ion Ratio Lower Upper
56 100
69 0.0 20.6 30.8#
84 82.3 57.9 86.9



#33
1,2-Dichloroethane-d4
Concen: 52.87 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion: 65 Resp: 59201
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.0

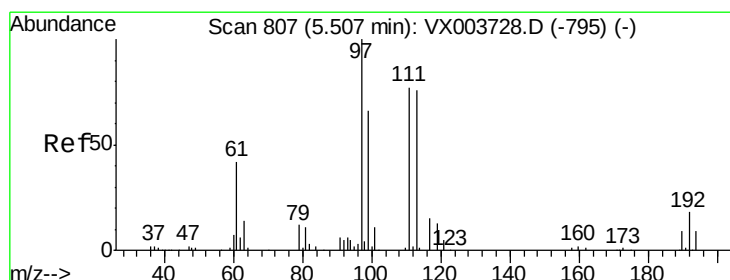
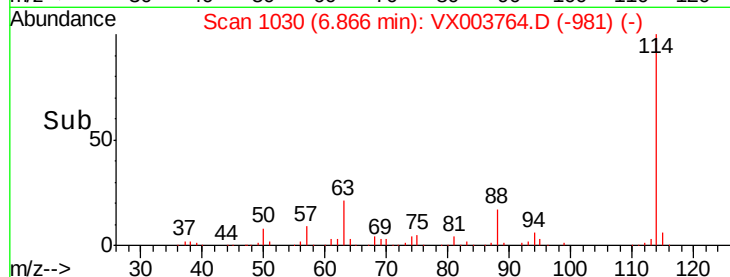
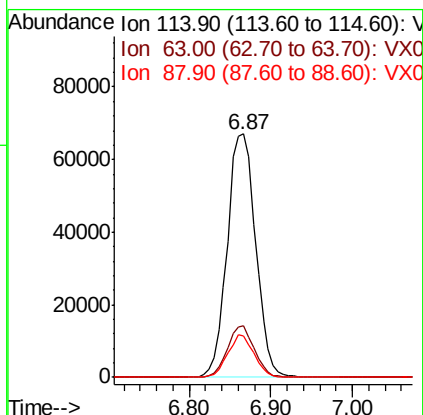
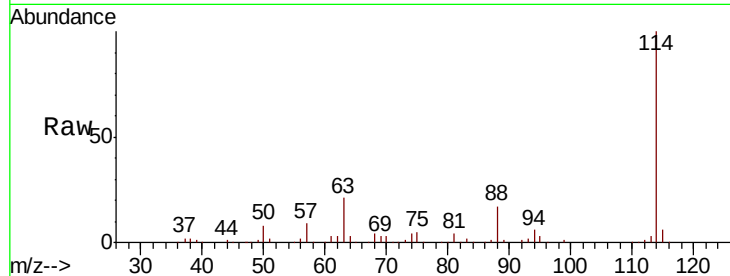




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

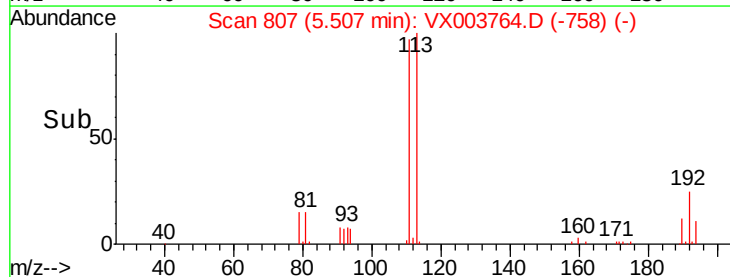
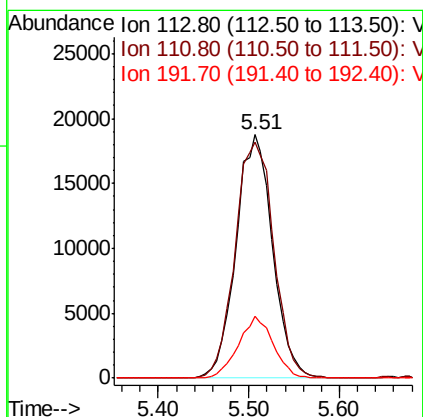
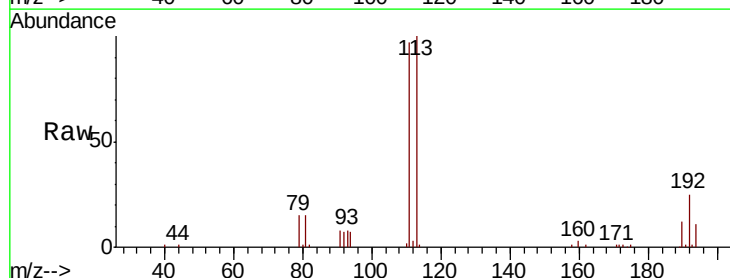
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(10-12)

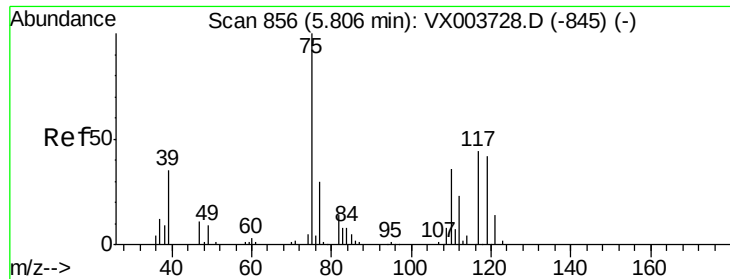
Tot Ion:114 Resp: 160892
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 34.0
 88 16.8 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 55.16 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

Tgt Ion:113 Resp: 52257
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 24.3 18.8 28.2

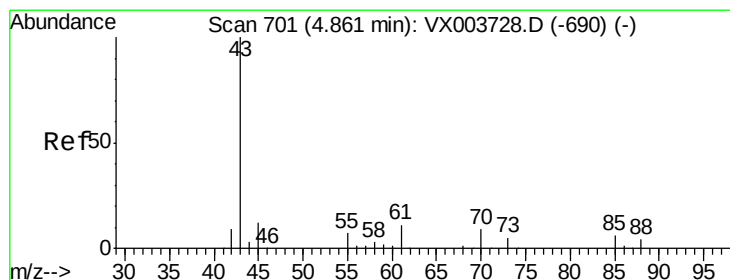
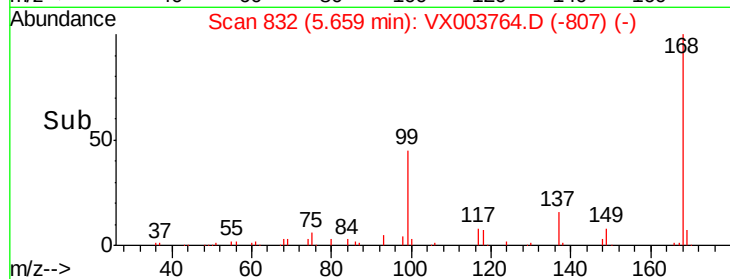
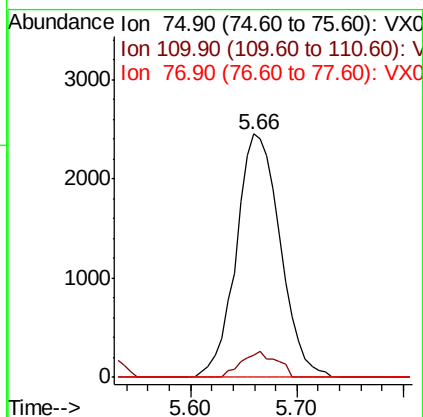
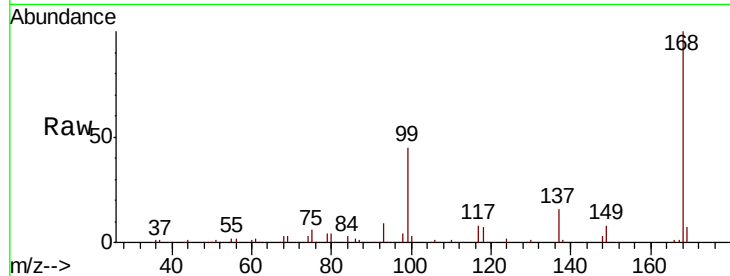




#36
 1,1-Dichloropropene
 Concen: 4.71 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

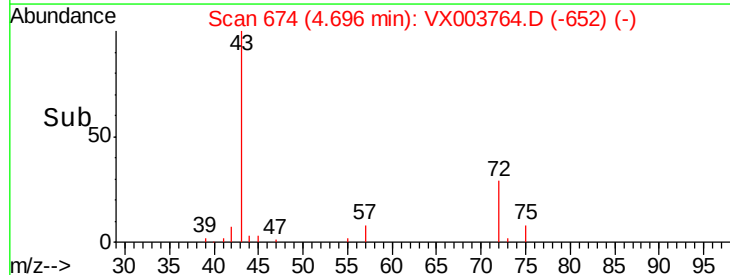
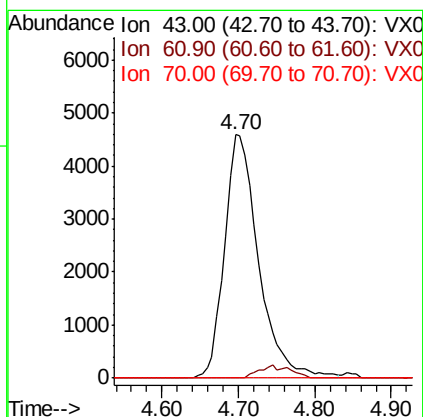
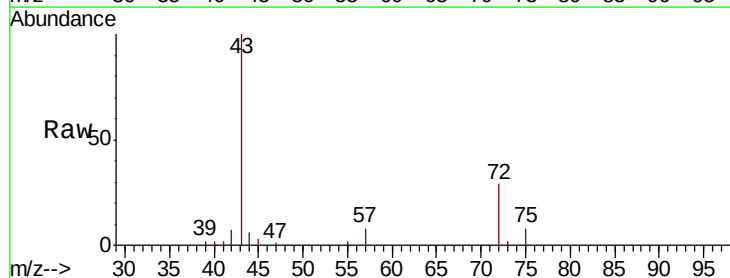
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(10-12)

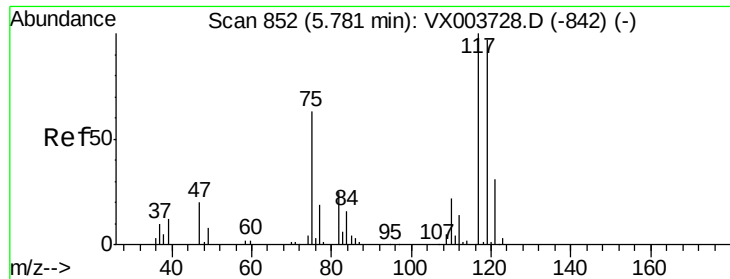
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.8#
77	0.0	25.1	37.7#



#37
 Ethyl Acetate
 Concen: 12.23 ug/l
 RT: 4.70 min Scan# 674
 Delta R.T. -0.16 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	0.0	8.2	12.2#





#38

Carbon Tetrachloride

Concen: 6.70 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

SB-10(10-12)

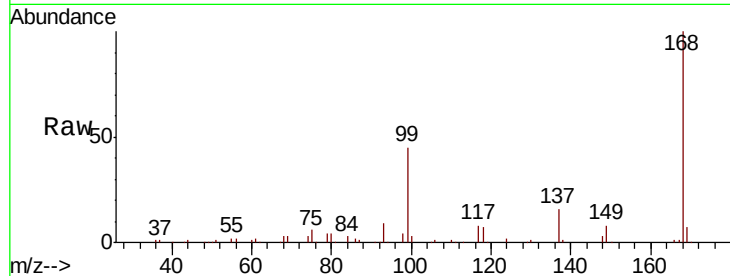
Tot Ion: 117 Resp: 9331

Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

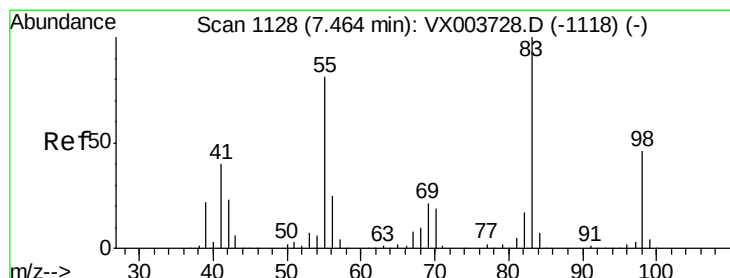
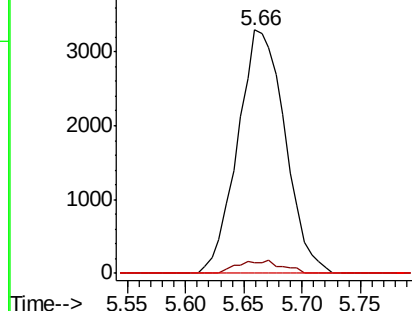
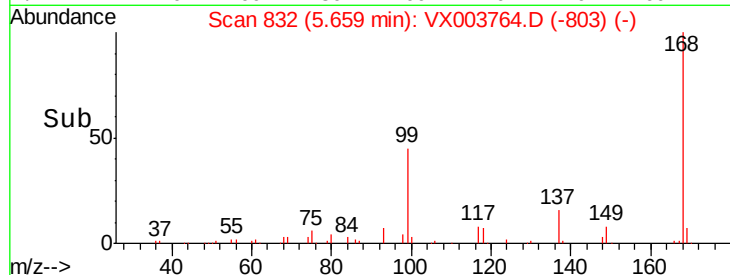
121 0.0 25.0 37.4#



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



#39

Methylcyclohexane

Concen: 0.69 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

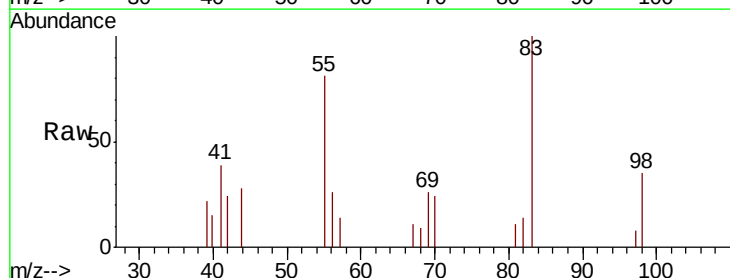
Tgt Ion: 83 Resp: 1273

Ion Ratio Lower Upper

83 100

55 80.9 65.0 97.6

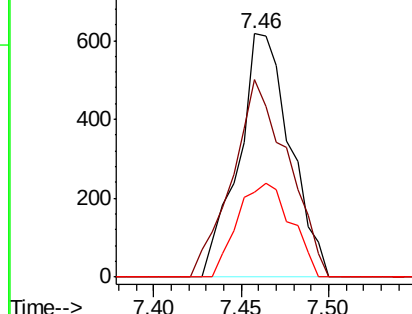
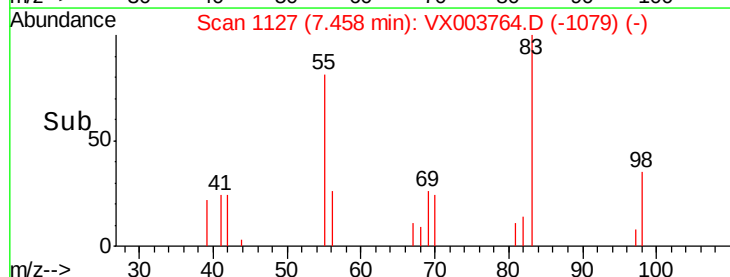
98 35.0 37.1 55.7#

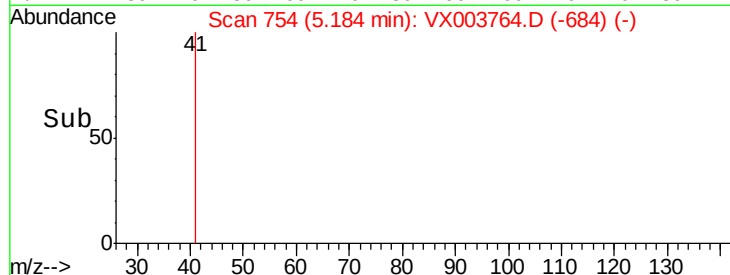
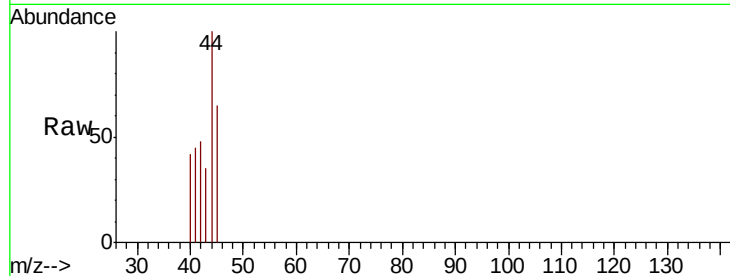
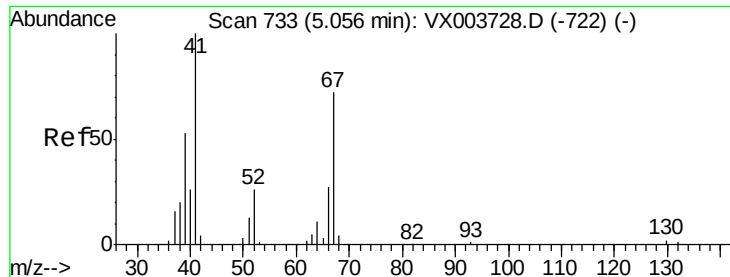


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

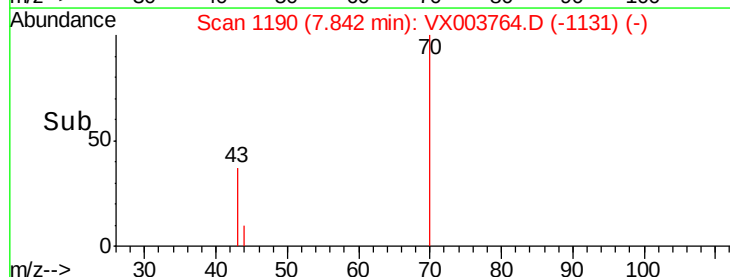
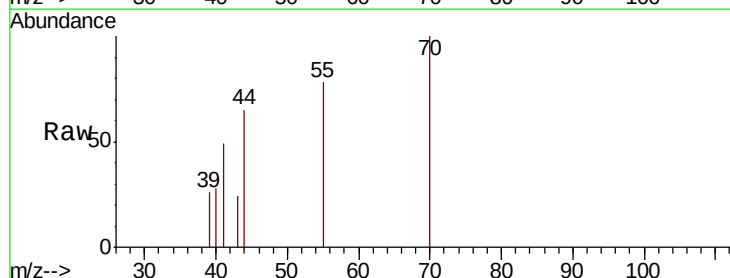
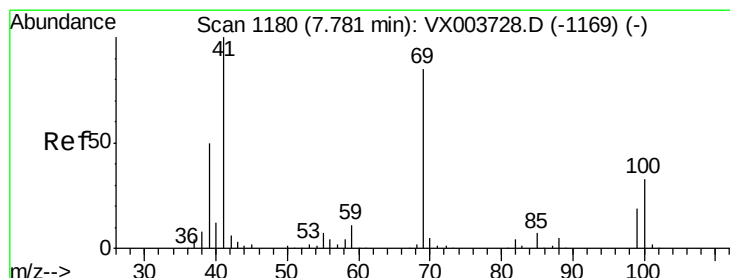
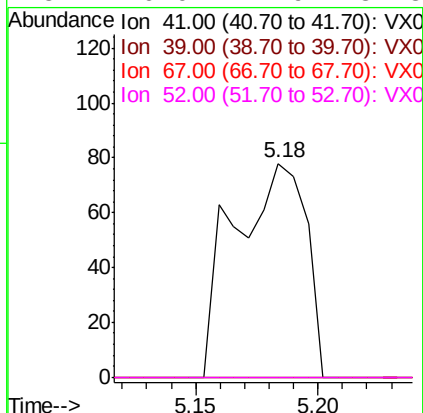




#41
Methacrylonitrile
Concen: 0.25 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.13 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

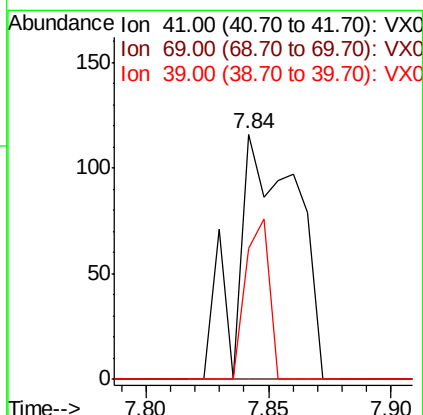
Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

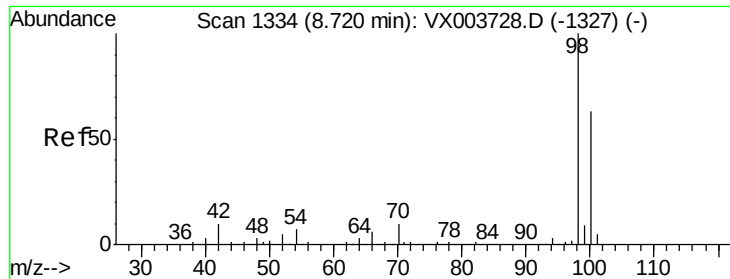
Tot Ion:	41	Resp:	160
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.6	64.0#
67	0.0	58.9	88.3#
52	0.0	22.9	34.3#



#48
Methyl methacrylate
Concen: 0.22 ug/l
RT: 7.84 min Scan# 1190
Delta R.T. 0.06 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion:	41	Resp:	199
Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.7	103.1#
39	25.1	40.8	61.2#

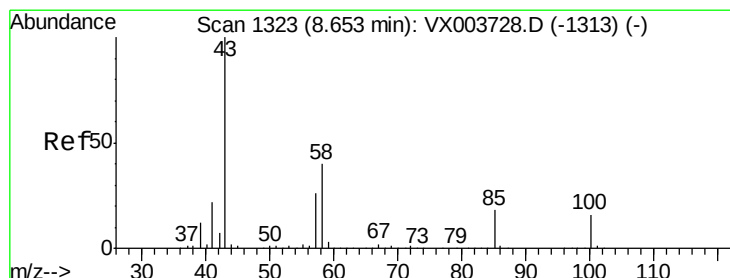
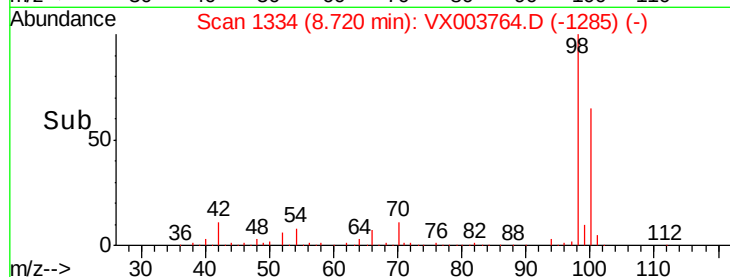
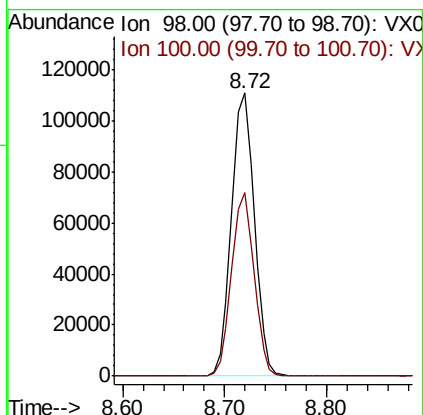
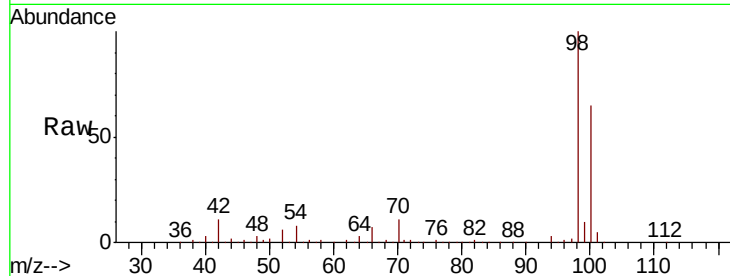




#50
Toluene-d8
Concen: 43.55 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

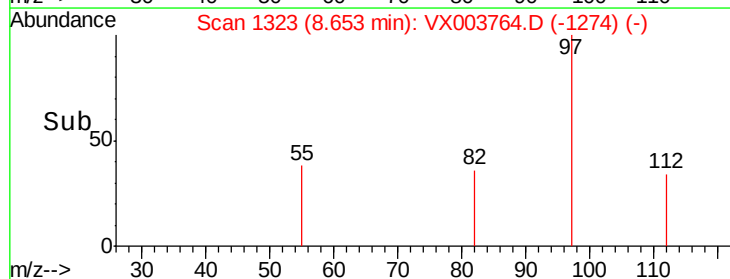
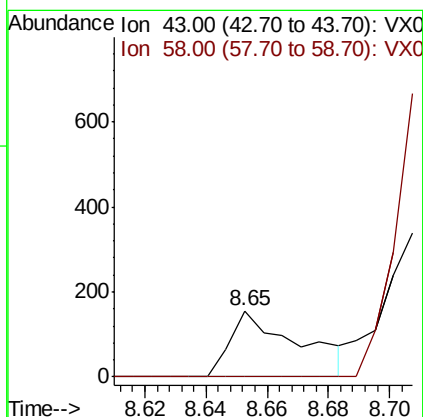
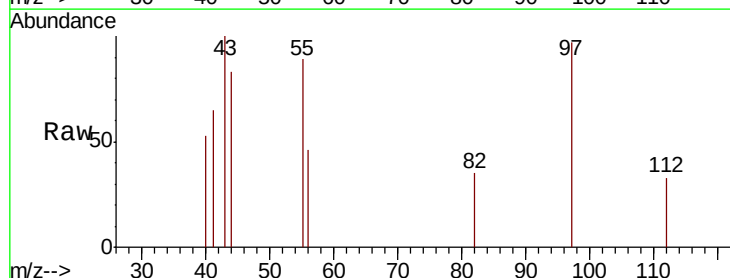
Instrument :
MSVOA_X
ClientSampled :
SB-10(10-12)

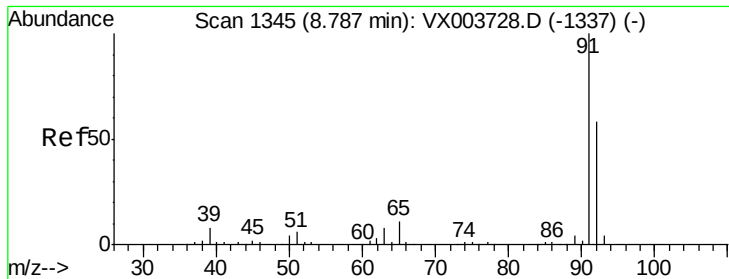
Tot Ion: 98 Resp: 172016
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.21 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
58 0.0 32.1 48.1#





#52

Toluene

Concen: 0.20 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

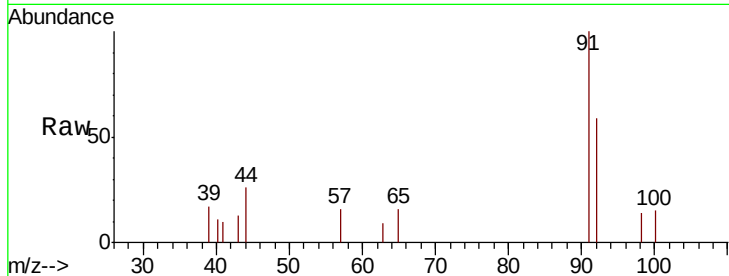
SB-10(10-12)

Tot Ion: 92 Resp: 543

Ion Ratio Lower Upper

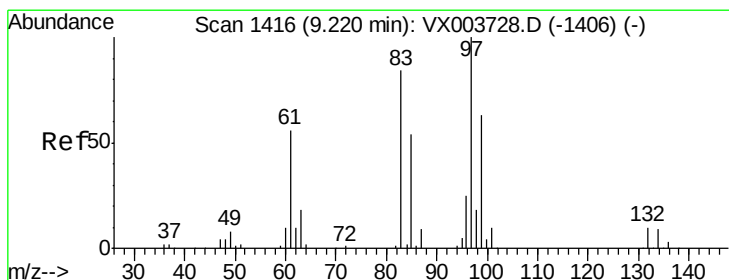
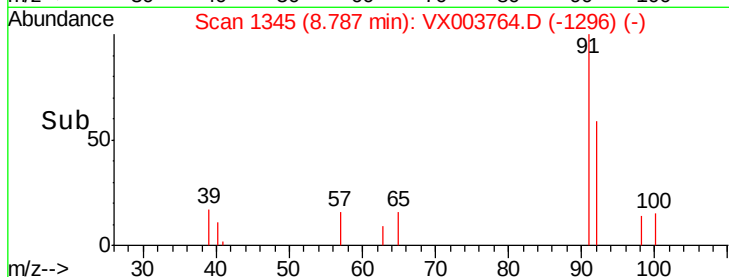
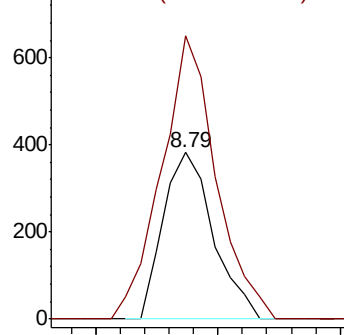
92 100

91 186.0 139.4 209.2



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: 0.40 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Tgt Ion: 97 Resp: 372

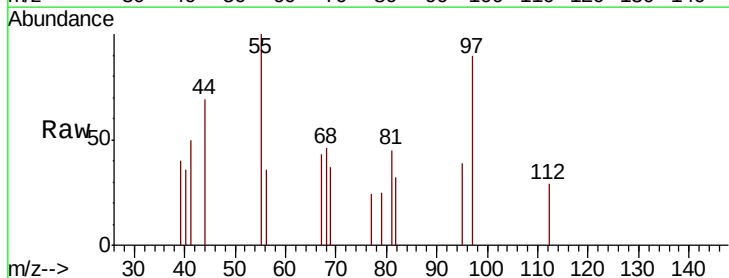
Ion Ratio Lower Upper

97 100

83 0.0 67.4 101.0#

85 0.0 43.3 64.9#

99 0.0 50.8 76.2#

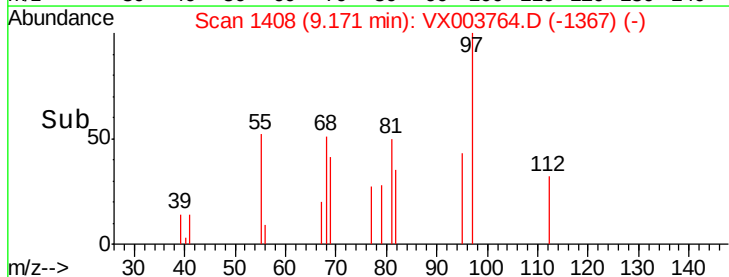
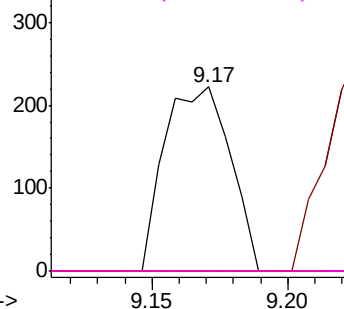


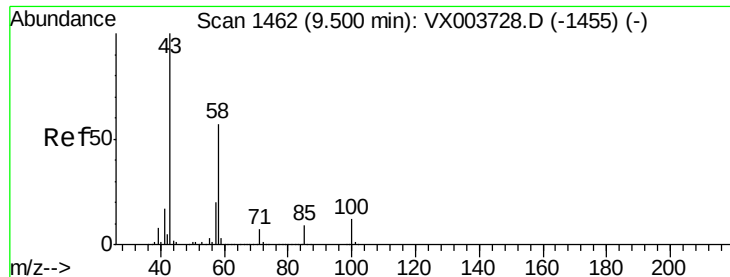
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

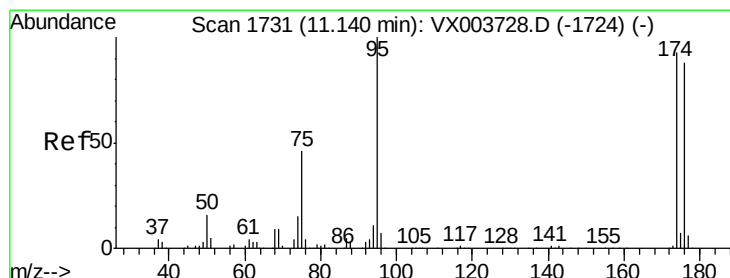
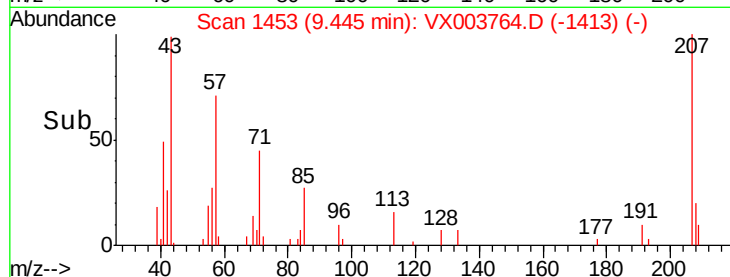
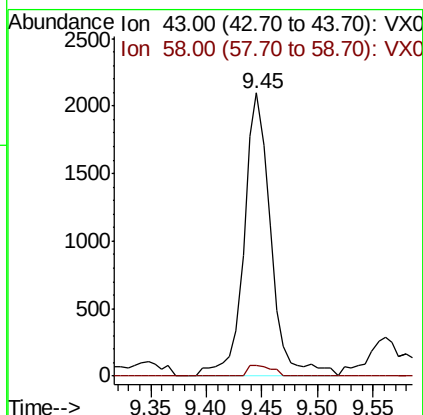
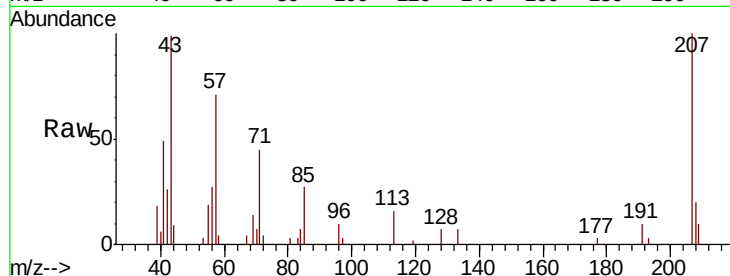




#59
2-Hexanone
Concen: 4.07 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.05 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

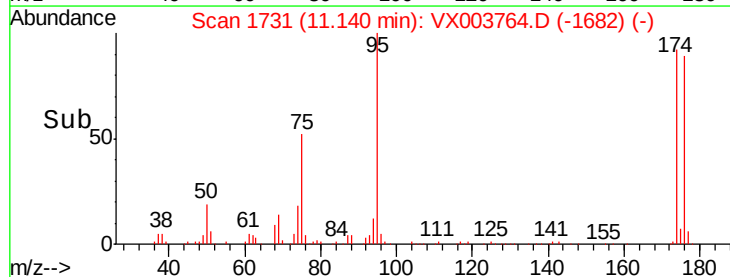
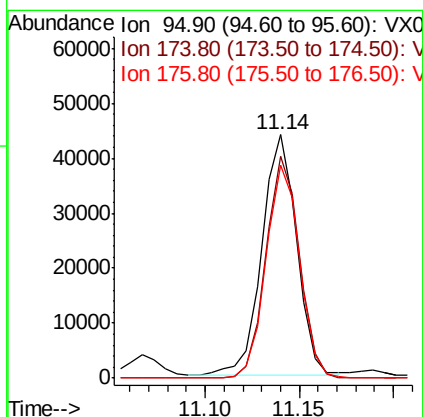
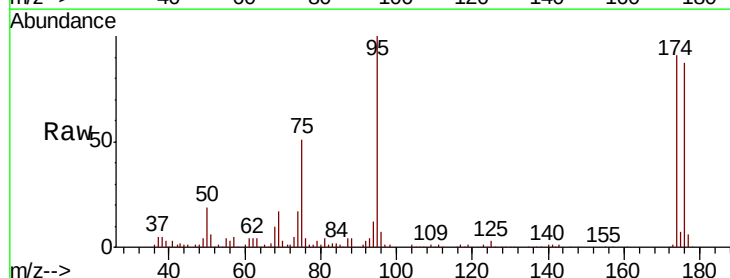
Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

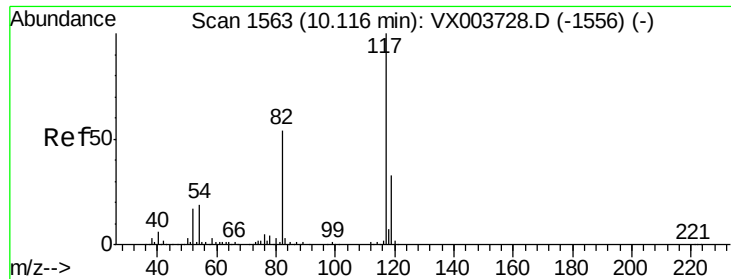
Tot Ion: 43 Resp: 3511
Ion Ratio Lower Upper
43 100
58 3.4 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 38.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion: 95 Resp: 56148
Ion Ratio Lower Upper
95 100
174 88.5 0.0 186.2
176 85.3 0.0 179.2

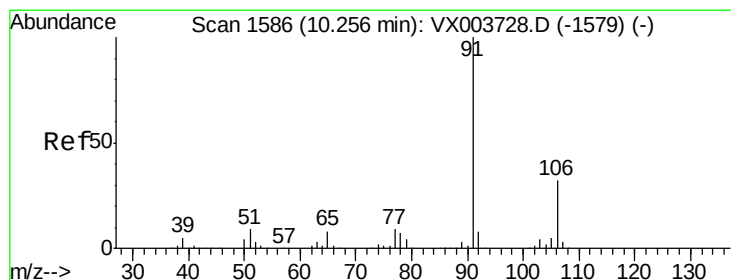
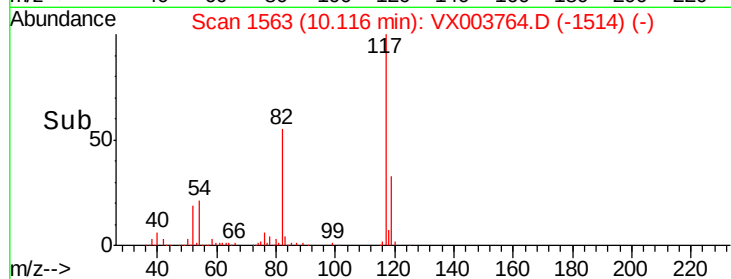
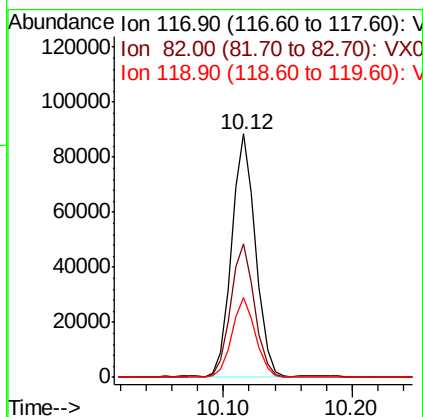
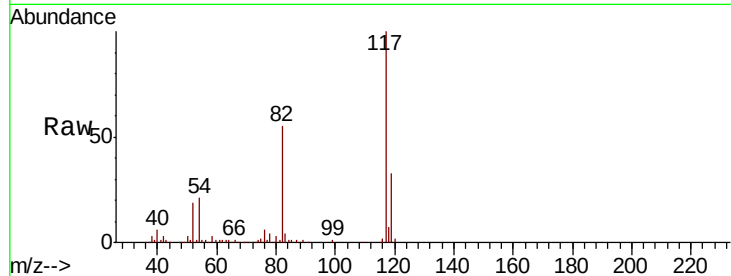




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

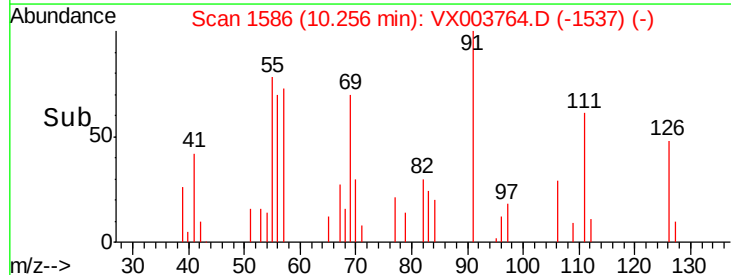
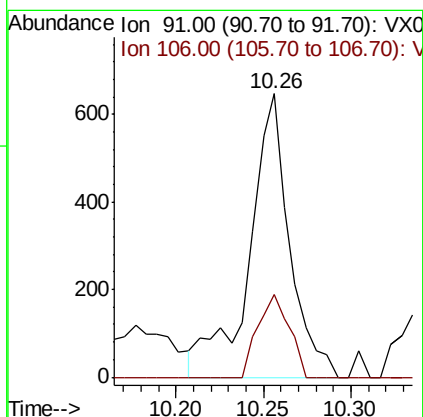
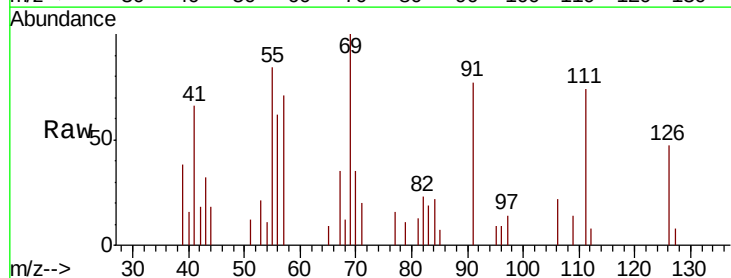
Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

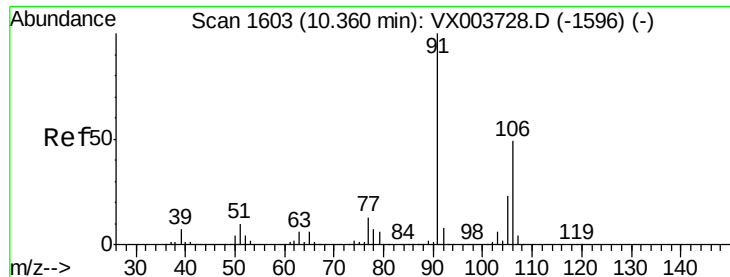
Tot Ion:117 Resp: 114909
Ion Ratio Lower Upper
117 100
82 54.2 43.2 64.8
119 32.6 26.3 39.5



#67
Ethyl Benzene
Concen: 0.26 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion: 91 Resp: 1039
Ion Ratio Lower Upper
91 100
106 29.2 25.4 38.2

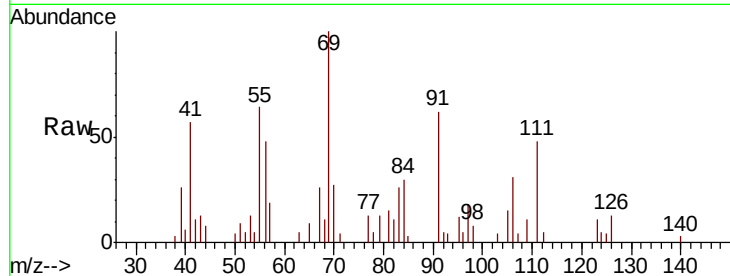




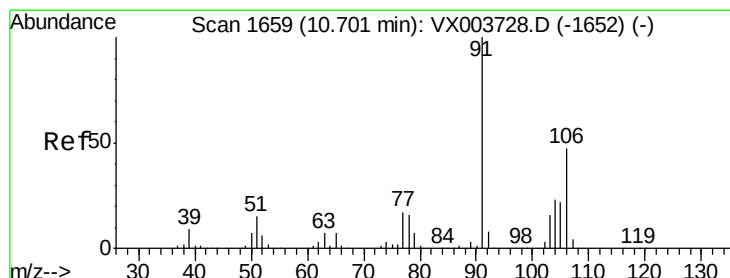
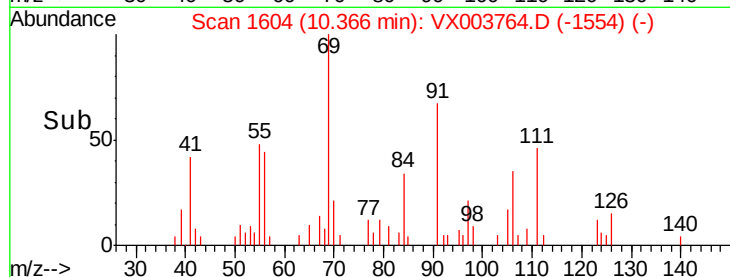
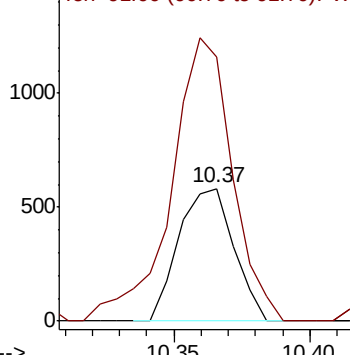
#68
m/p-Xylenes
Concen: 0.51 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Instrument :
MSVOA_X
ClientSampled :
SB-10(10-12)

Tot Ion:106 Resp: 813
Ion Ratio Lower Upper
106 100
91 237.1 159.8 239.8

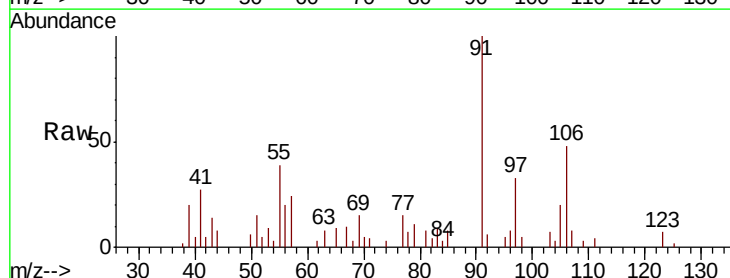


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

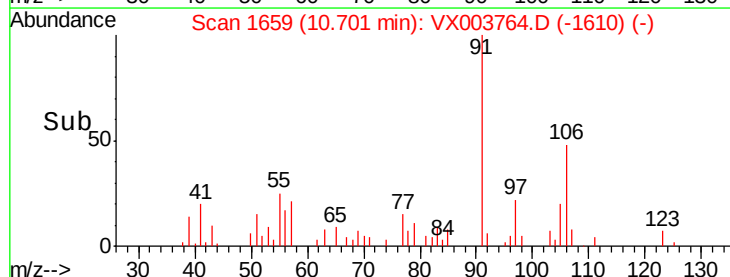
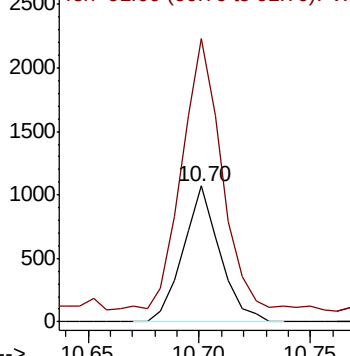


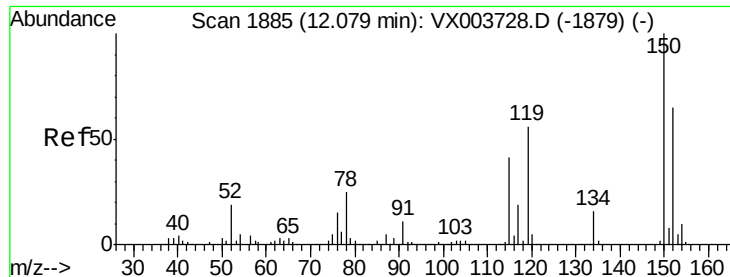
#69
o-Xylene
Concen: 0.84 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion:106 Resp: 1234
Ion Ratio Lower Upper
106 100
91 234.6 105.6 316.8



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

SB-10(10-12)

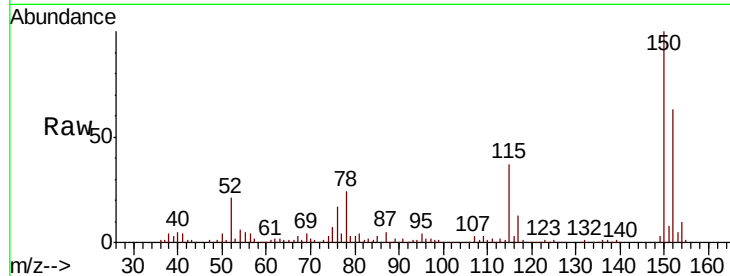
Tot Ion:152 Resp: 52202

Ion Ratio Lower Upper

152 100

115 57.7 38.5 115.3

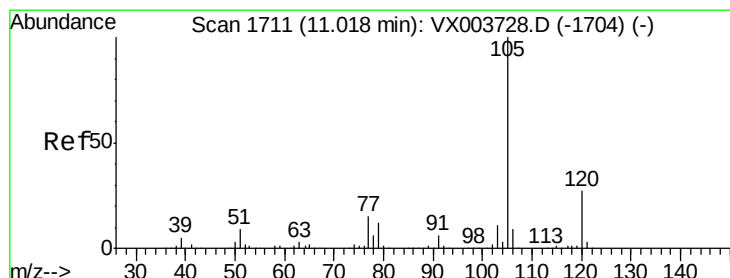
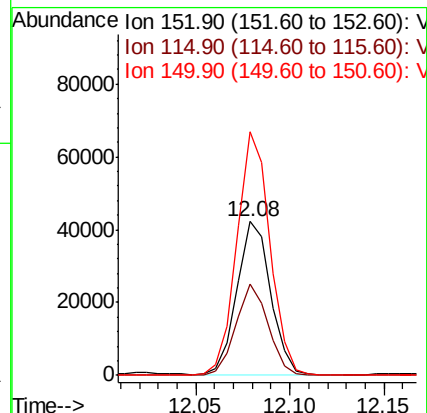
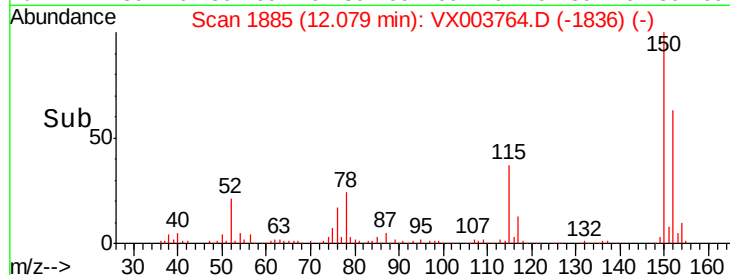
150 155.5 0.0 346.2



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: 2.17 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003764.D

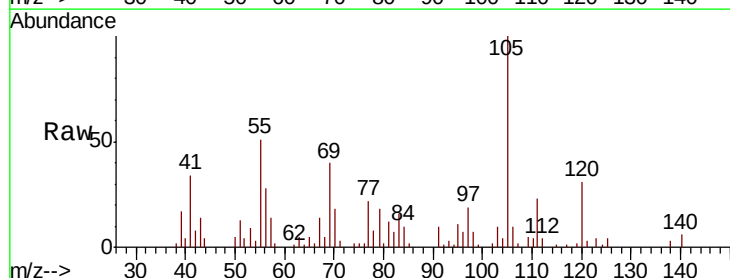
Acq: 31 Jul 2018 21:11

Tgt Ion:105 Resp: 7091

Ion Ratio Lower Upper

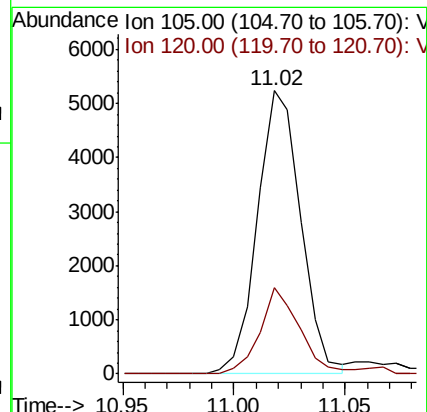
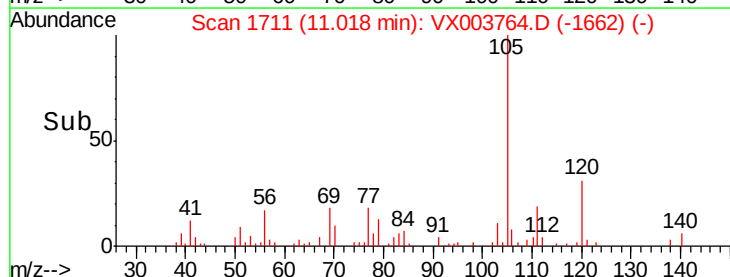
105 100

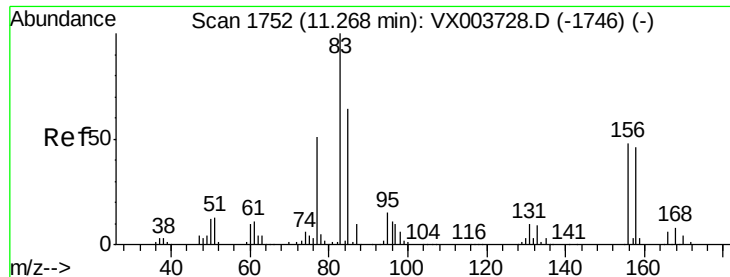
120 27.6 13.5 40.5



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: 8.08 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

SB-10(10-12)

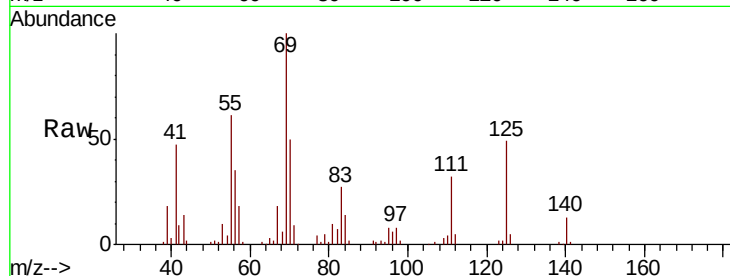
Tot Ion: 83 Resp: 6868

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

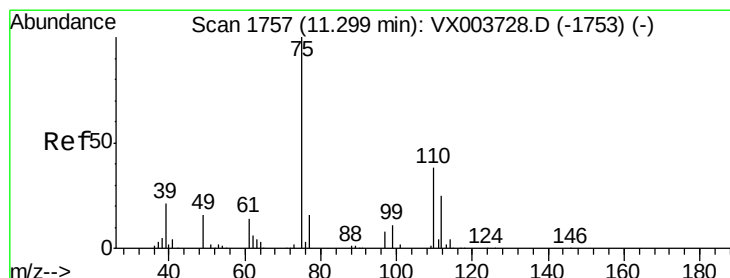
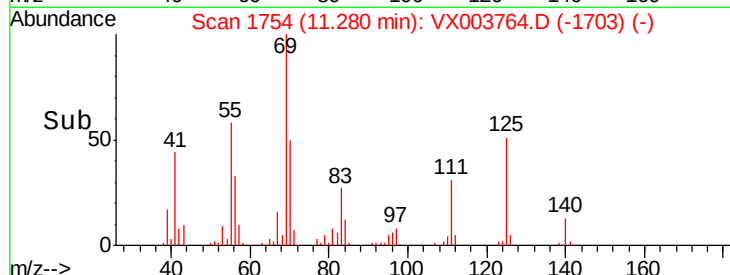
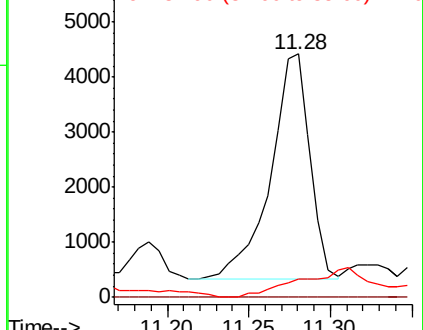
85 0.0 32.0 96.2#



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: 38.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003764.D

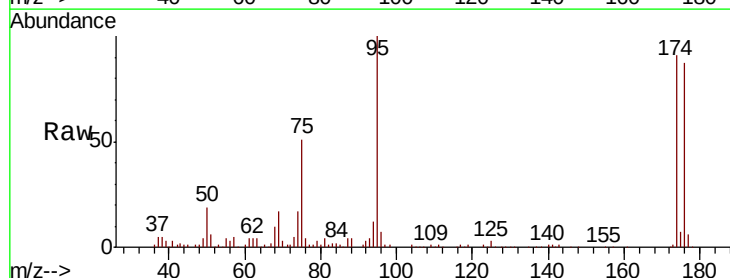
Acq: 31 Jul 2018 21:11

Tgt Ion: 75 Resp: 27975

Ion Ratio Lower Upper

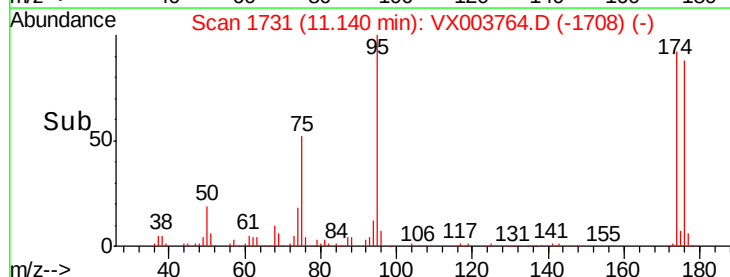
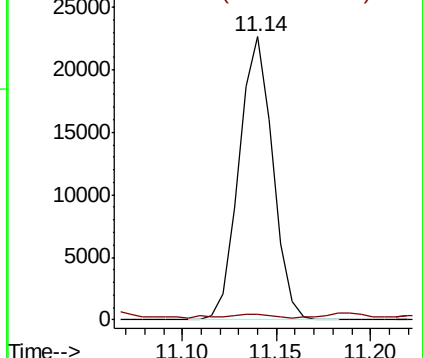
75 100

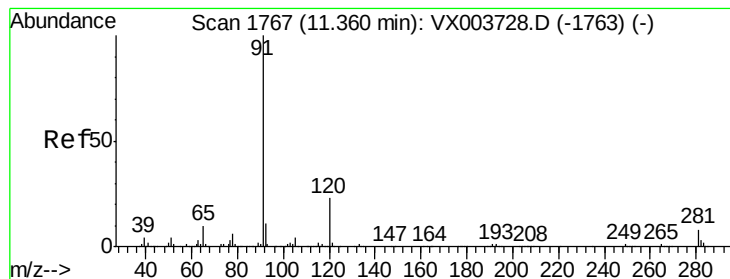
77 1.7 21.6 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

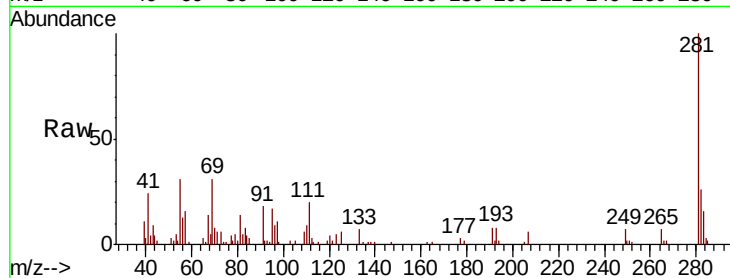
SB-10(10-12)

Tot Ion: 91 Resp: 1008

Ion Ratio Lower Upper

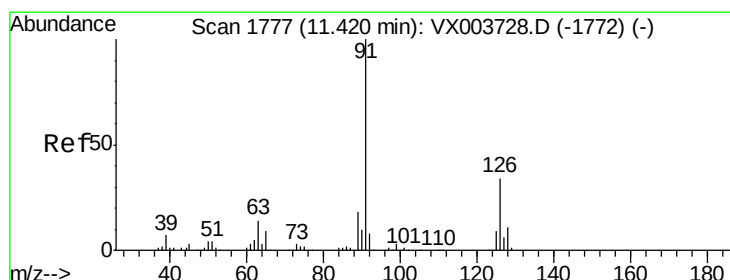
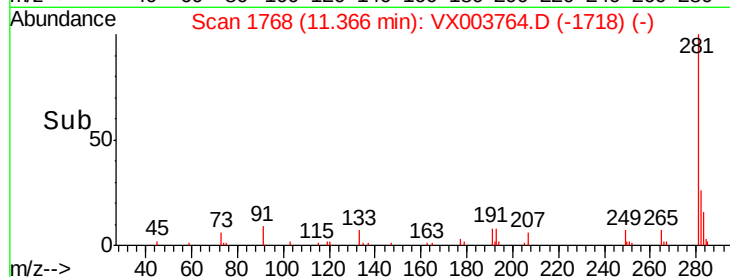
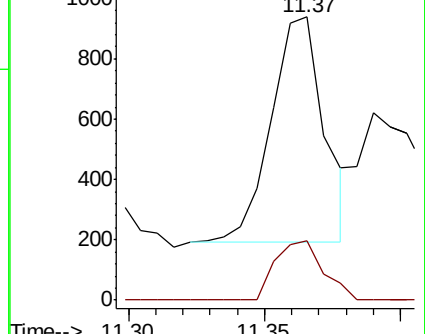
91 100

120 23.5 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: 0.38 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.04 min

Lab File: VX003764.D

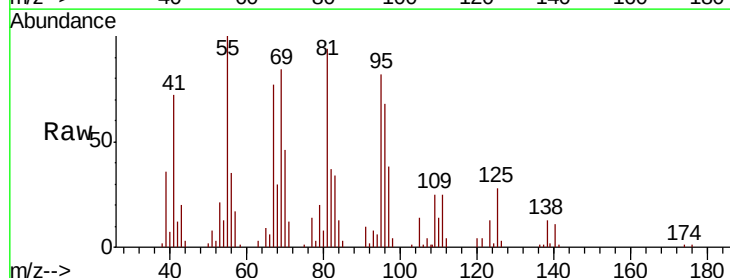
Acq: 31 Jul 2018 21:11

Tgt Ion: 91 Resp: 864

Ion Ratio Lower Upper

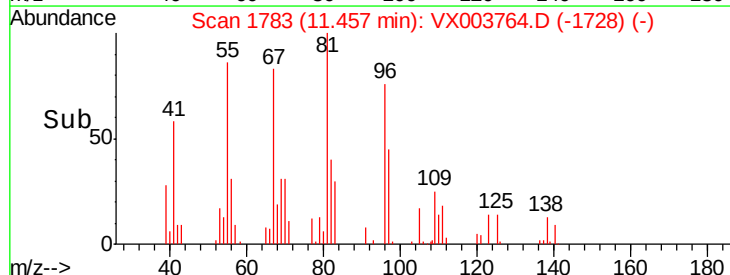
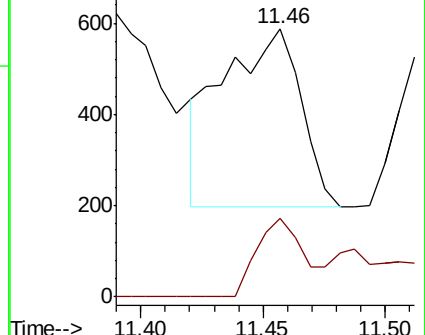
91 100

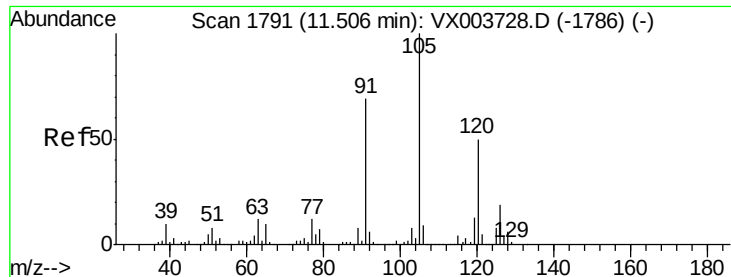
126 27.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

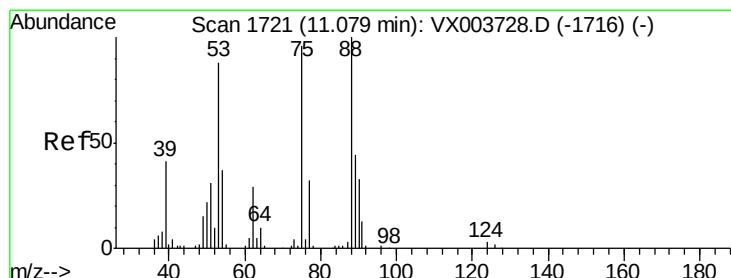
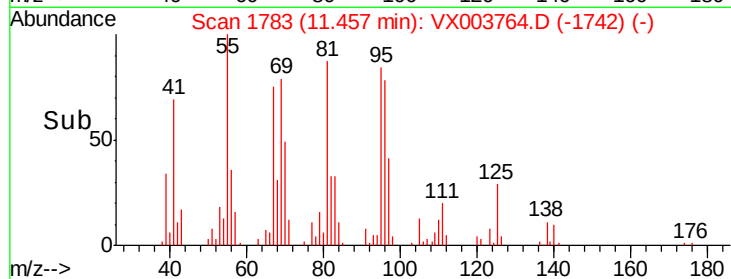
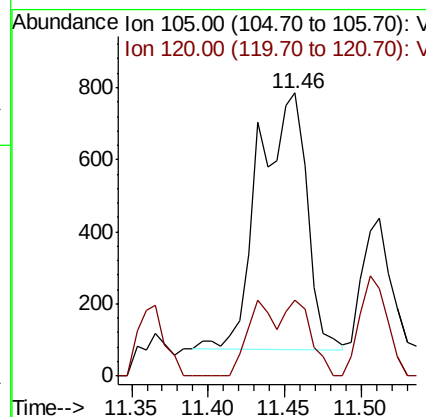
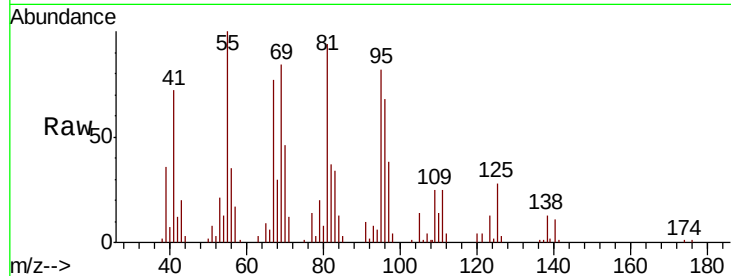




#80
 1,3,5-Trimethylbenzene
 Concen: 0.56 ug/l
 RT: 11.46 min Scan# 1783
 Delta R.T. -0.05 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

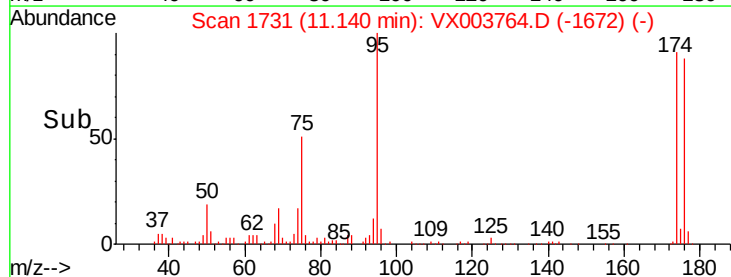
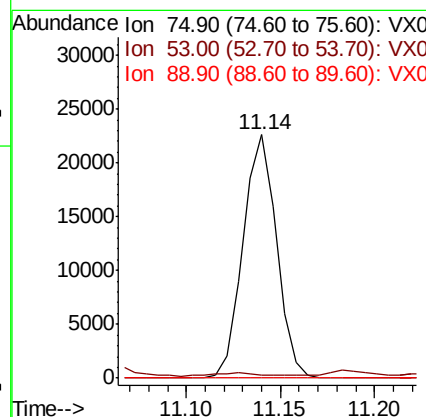
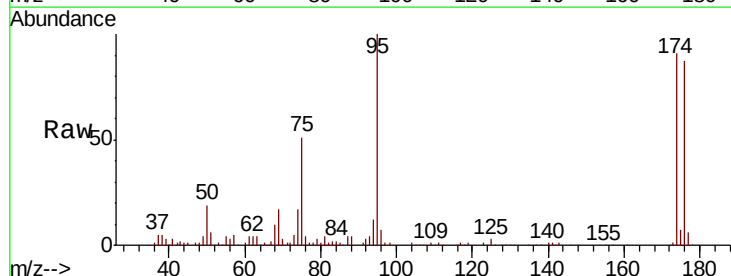
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(10-12)

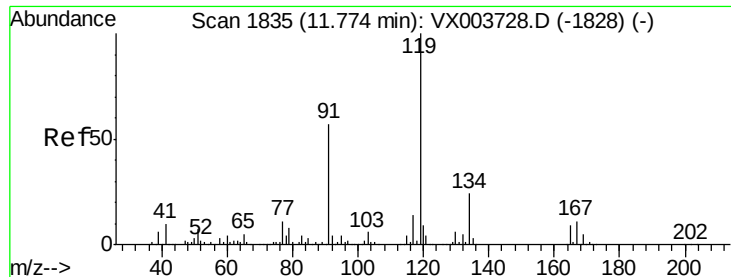
Tot Ion:105 Resp: 1562
 Ion Ratio Lower Upper
 105 100
 120 16.5 15.8 47.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.16 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

Tgt Ion: 75 Resp: 27975
 Ion Ratio Lower Upper
 75 100
 53 1.8 75.8 113.8#
 89 0.0 39.1 58.7#

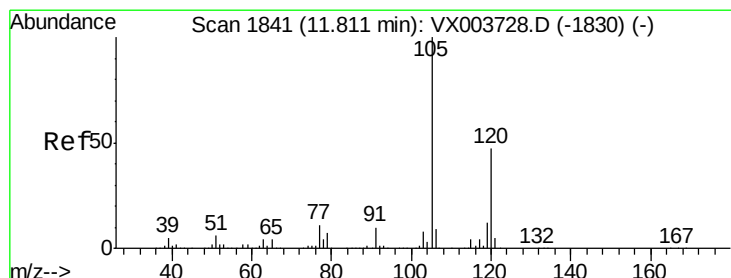
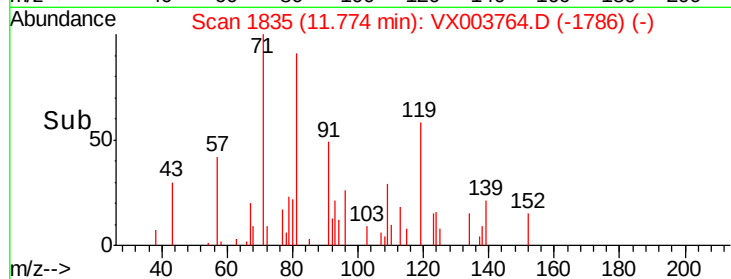
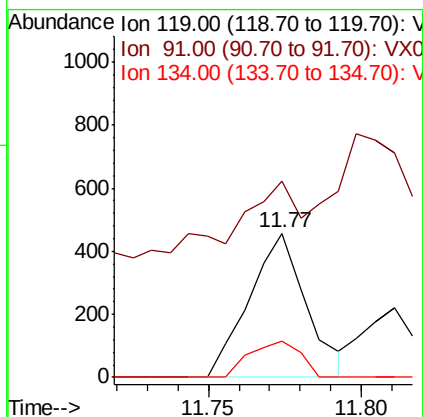
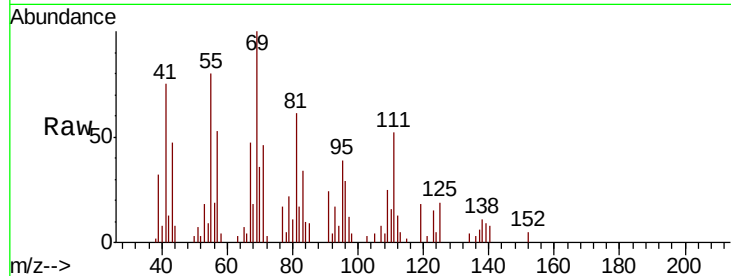




#83
 tert-Butylbenzene
 Concen: 0.21 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

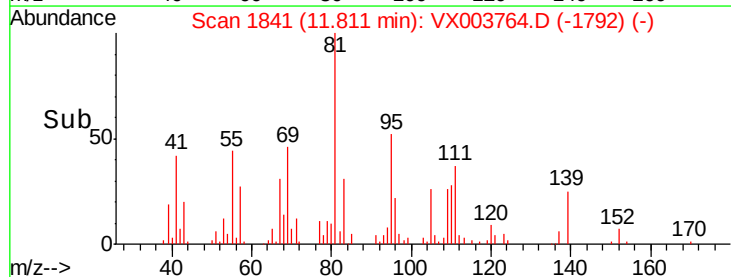
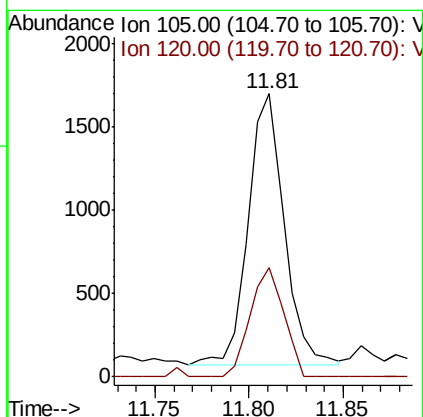
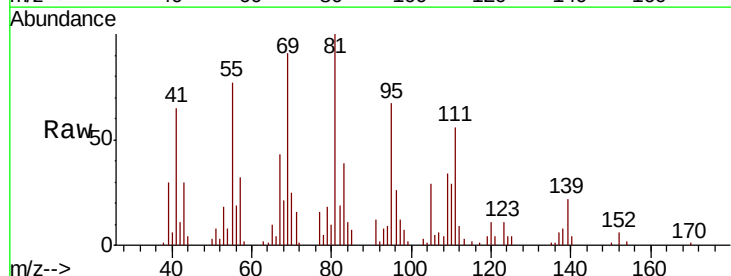
Instrument :
 MSVOA_X
 ClientSampled :
 SB-10(10-12)

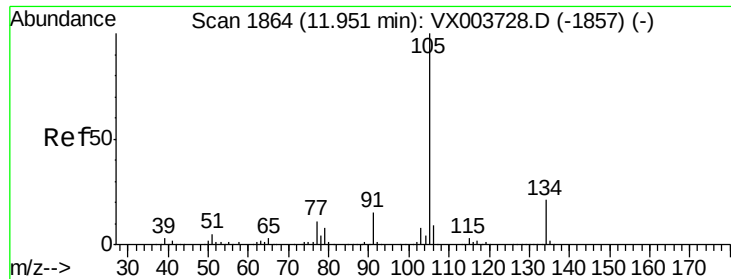
Tot Ion:119 Resp: 591
 Ion Ratio Lower Upper
 119 100
 91 103.6 27.2 81.6#
 134 22.5 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.75 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

Tgt Ion:105 Resp: 2163
 Ion Ratio Lower Upper
 105 100
 120 37.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 0.60 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

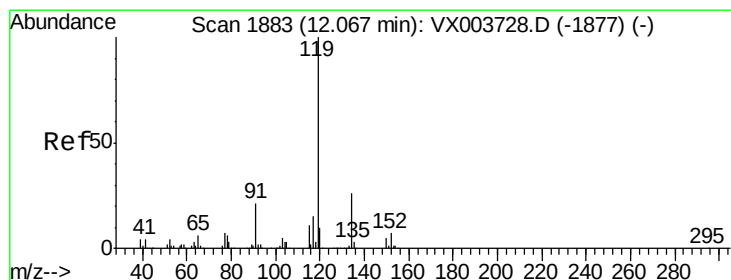
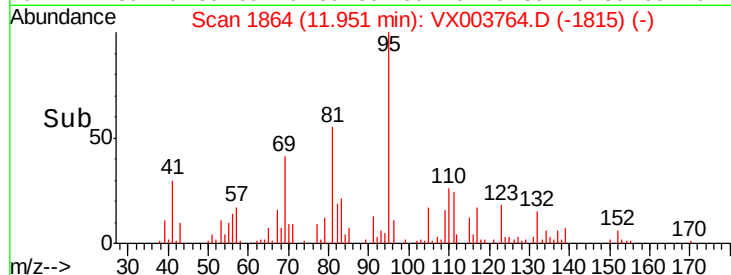
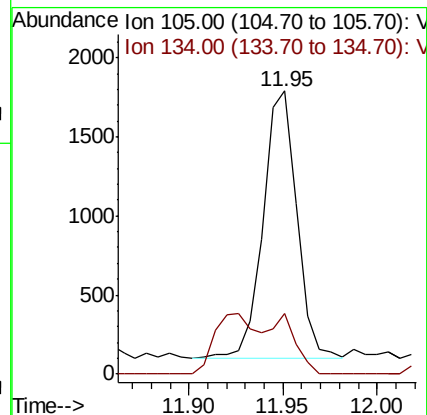
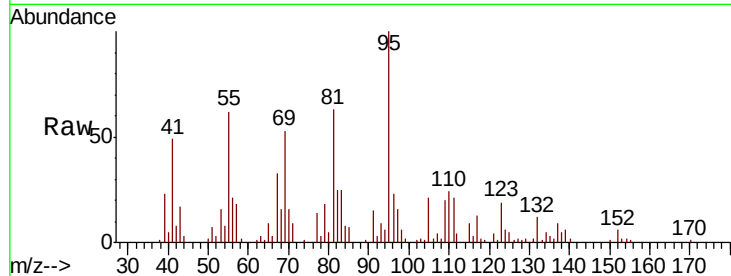
SB-10(10-12)

Tot Ion:105 Resp: 2101

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#



#86

p-Isopropyltoluene

Concen: 1.57 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

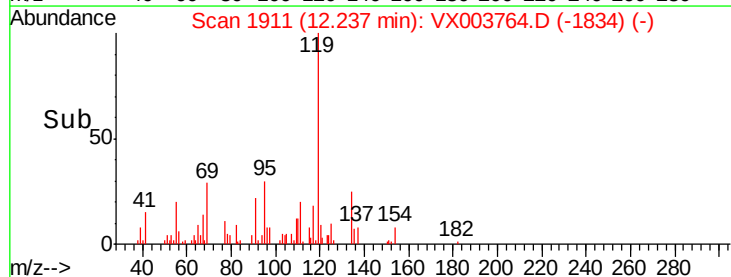
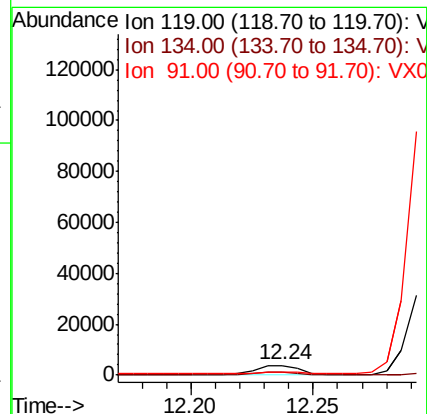
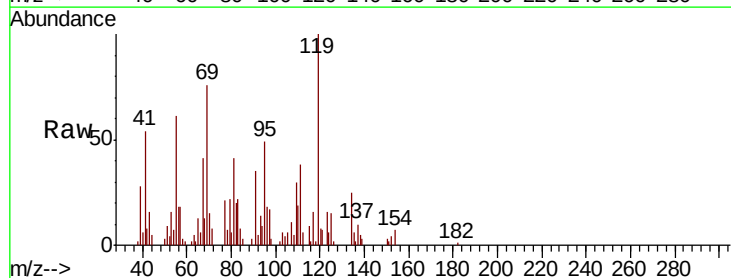
Tgt Ion:119 Resp: 5039

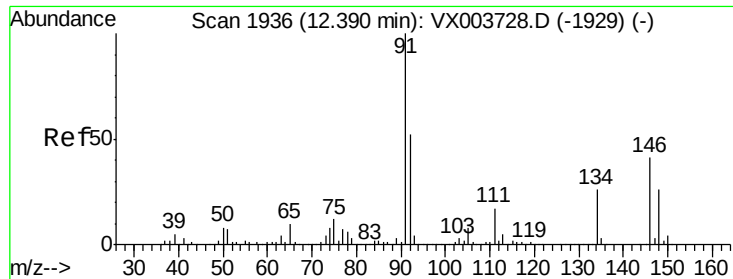
Ion Ratio Lower Upper

119 100

134 27.4 10.1 30.1

91 0.0 23.6 70.8#

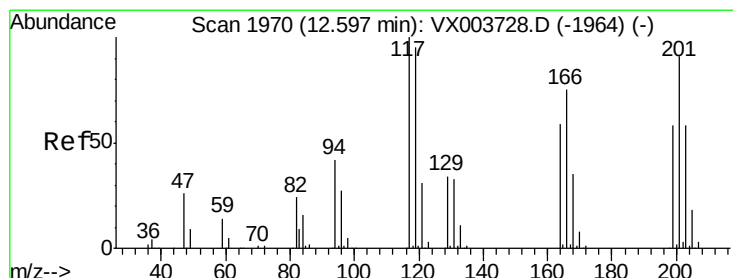
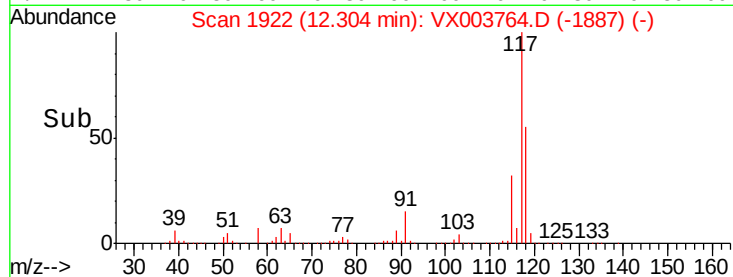
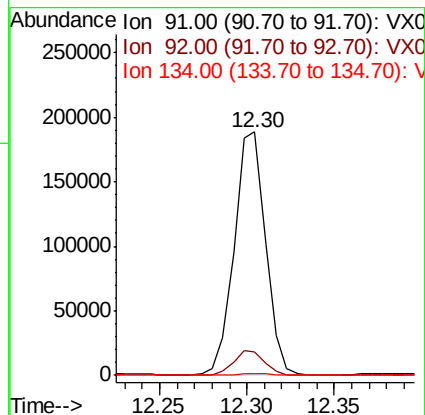
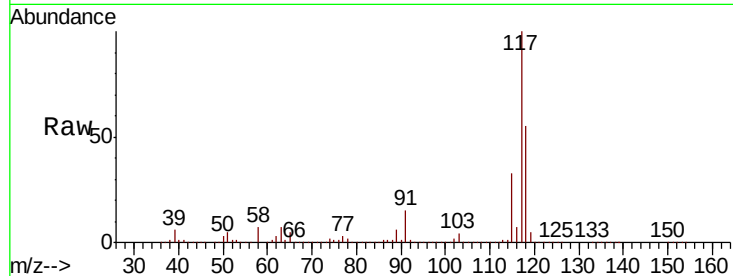




#89
n-Butylbenzene
Concen: 76.43 ug/l
RT: 12.30 min Scan# 1922
Delta R.T. -0.09 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

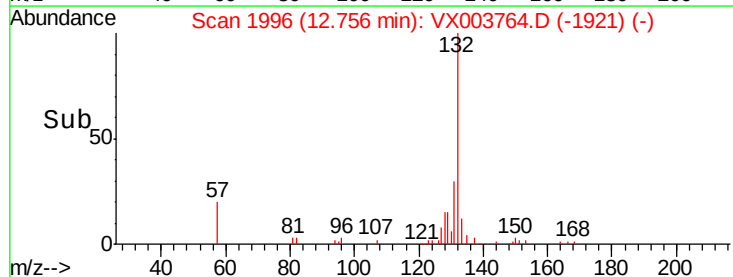
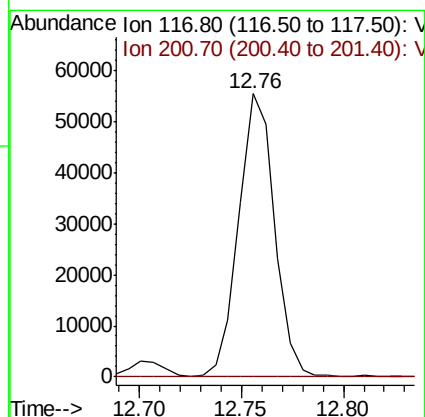
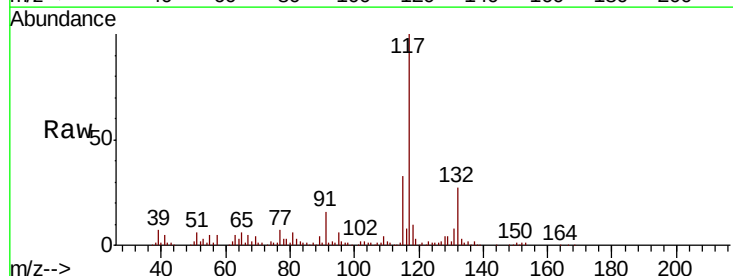
Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

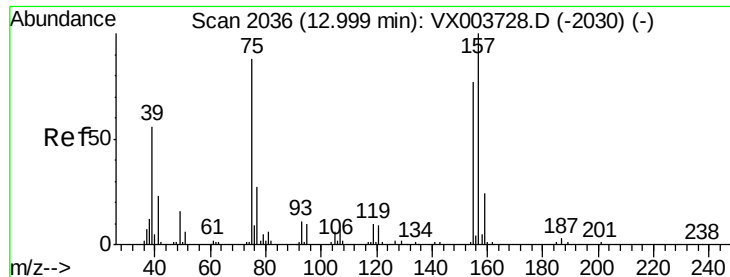
Tot Ion: 91 Resp: 233362
Ion Ratio Lower Upper
91 100
92 9.9 26.2 78.5#
134 1.0 13.6 40.7#



#90
Hexachloroethane
Concen: 140.79 ug/l
RT: 12.76 min Scan# 1996
Delta R.T. 0.16 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion: 117 Resp: 67068
Ion Ratio Lower Upper
117 100
201 0.0 49.3 147.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.28 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

SB-10(10-12)

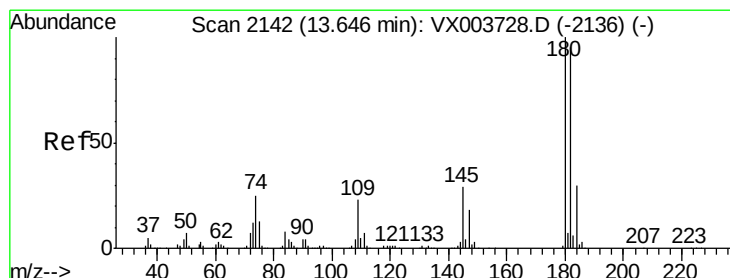
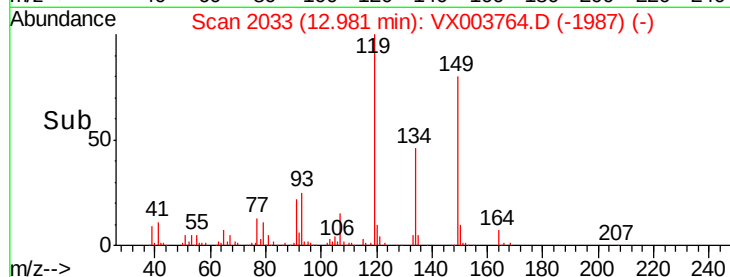
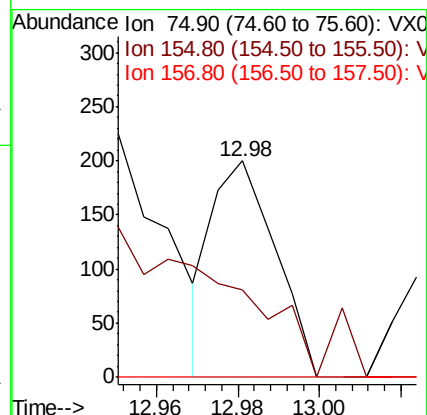
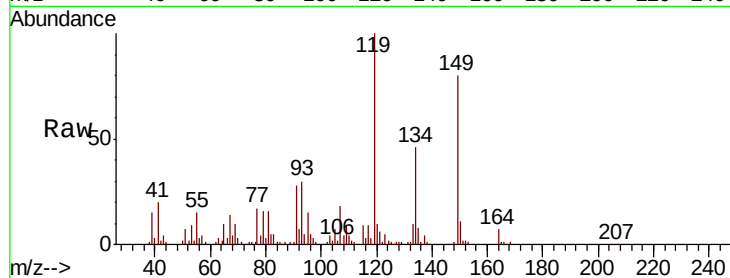
Tot Ion: 75 Resp: 215

Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.7#

157 0.0 63.7 191.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.25 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

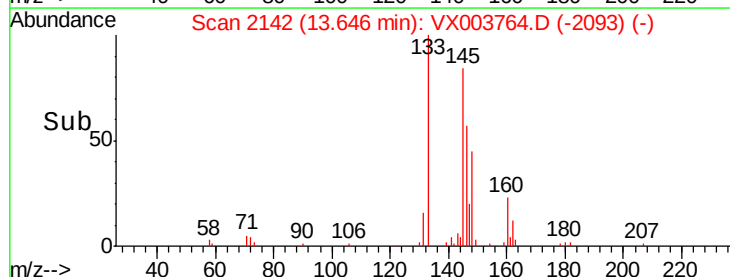
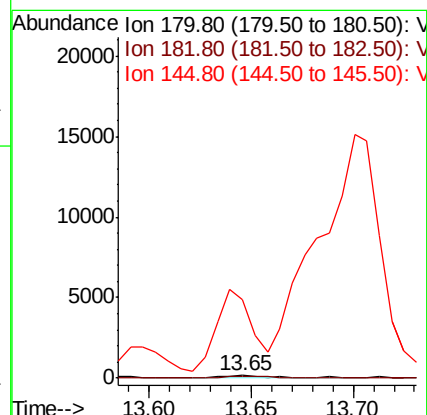
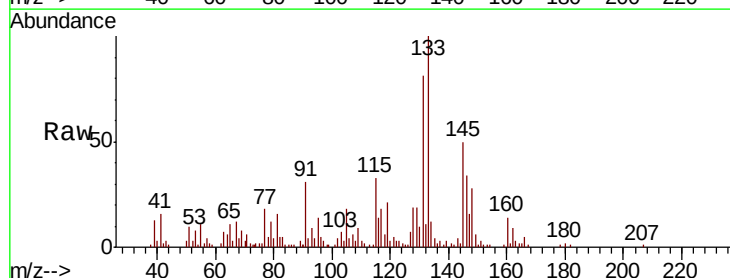
Tgt Ion: 180 Resp: 321

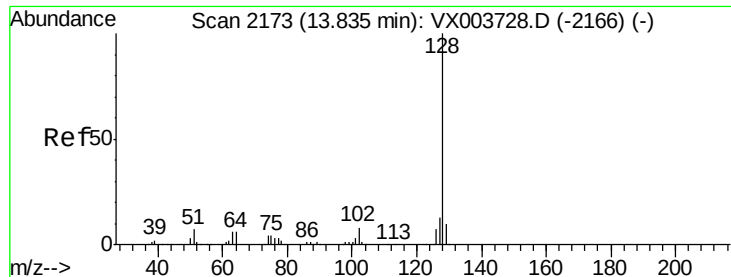
Ion Ratio Lower Upper

180 100

182 48.0 47.6 142.9

145 2137.4 14.1 42.2#





#95

Naphthalene

Concen: 27.37 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

SB-10(10-12)

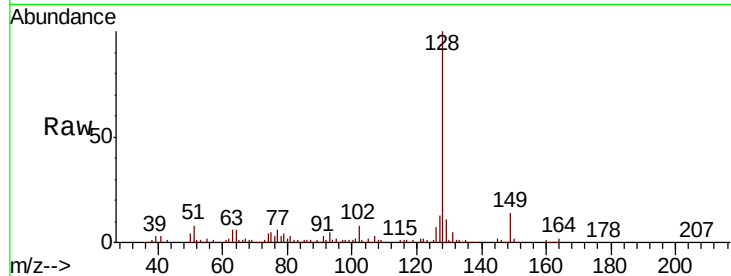
Tot Ion:128 Resp: 74477

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.2

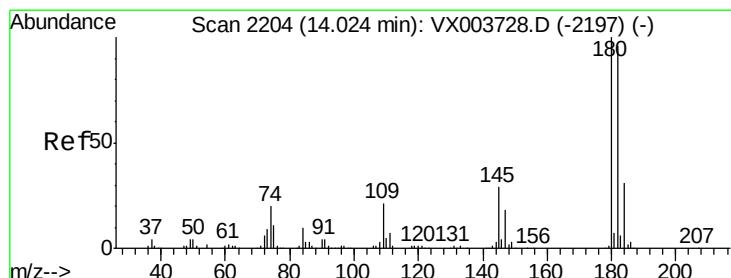
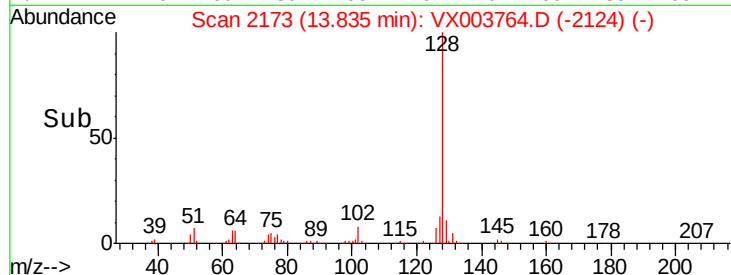
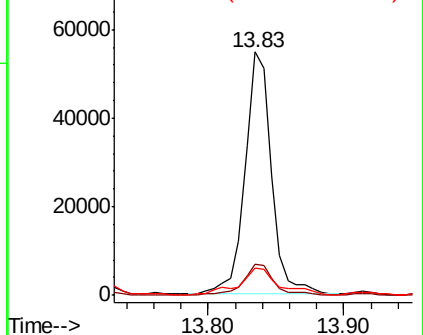
129 15.8 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.30 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

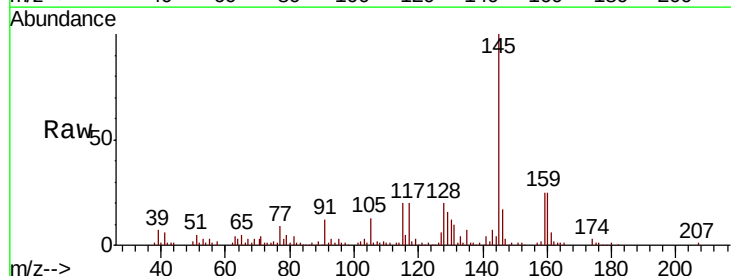
Tgt Ion:180 Resp: 341

Ion Ratio Lower Upper

180 100

182 52.5 47.9 143.8

145 8610.0 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

