

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\
 Data File : VX000360.D
 Acq On : 20 Mar 2018 13:01
 Operator : JC/MD
 Sample : I.BLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

Quant Time: Mar 20 14:33:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	107900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	189202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	80593	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	74414	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	5.51	113	60216	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.73	98	229582	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	11.15	95	75045	37.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	563	0.47	ug/l	94
3) Chloromethane	1.32	50	336	0.27	ug/l #	87
4) Vinyl Chloride	1.41	62	383	0.29	ug/l #	86
5) Bromomethane	1.65	94	651	0.46	ug/l #	68
6) Chloroethane	1.73	64	338	Below Cal	#	44
7) Trichlorofluoromethane	1.93	101	554	0.23	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	555	0.42	ug/l #	76
10) Methyl Iodide	2.51	142	327	4.50	ug/l #	37
11) Tert butyl alcohol	3.07	59	153	0.32	ug/l #	72
12) 1,1-Dichloroethene	2.39	96	367	0.31	ug/l #	62
13) Acrolein	2.31	56	281	16.29	ug/l	85
14) Allyl chloride	2.72	41	104	Below Cal	#	57
15) Acrylonitrile	3.15	53	1645	1.68	ug/l #	94
16) Acetone	2.45	43	1193	1.02	ug/l	95
17) Carbon Disulfide	2.58	76	4283	1.39	ug/l #	95
18) Methyl Acetate	2.79	43	518	0.21	ug/l #	60
20) Methylene Chloride	2.87	84	279	0.21	ug/l #	91
21) trans-1,2-Dichloroethene	3.18	96	698	0.54	ug/l #	87
23) Vinyl Acetate	3.83	43	948	0.27	ug/l #	72
25) 2-Butanone	4.72	43	624	0.47	ug/l #	49
29) Tetrahydrofuran	5.17	42	309	0.38	ug/l #	56
36) 1,1-Dichloropropene	5.81	75	869	0.49	ug/l #	76
38) Carbon Tetrachloride	5.68	117	11091	5.97	ug/l #	16
39) Methylcyclohexane	7.47	83	582	0.27	ug/l	91
49) 1,4-Dioxane	7.77	88	49	1.33	ug/l #	26
54) cis-1,3-Dichloropropene	9.06	75	459	0.22	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	236	0.22	ug/l #	46
59) 2-Hexanone	9.51	43	495	0.21	ug/l	91
60) Dibromochloromethane	9.35	129	369	4.31	ug/l #	12
64) Tetrachloroethene	9.34	164	562	0.43	ug/l #	64
65) Chlorobenzene	10.15	112	782	0.21	ug/l	91
67) Ethyl Benzene	10.26	91	1393	0.22	ug/l #	78
68) m/p-Xylenes	10.37	106	1004	0.40	ug/l #	71
73) Isopropylbenzene	11.02	105	1240	0.23	ug/l	93

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 Sample : I.BLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

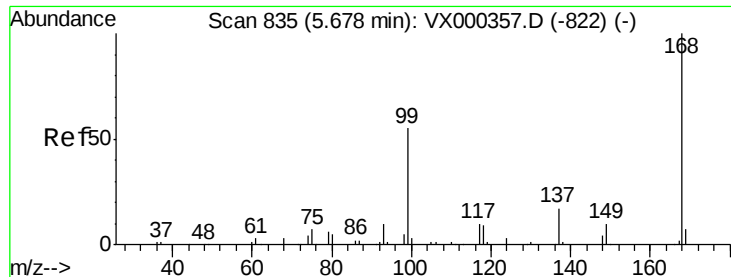
Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

Quant Time: Mar 20 14:33:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

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

74) N-amyl acetate	6.58	43	25	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	43244	24.97 ug/l	#	34
77) Bromobenzene	11.26	156	333	0.23 ug/l		89
78) n-propylbenzene	11.37	91	2499	0.39 ug/l		97
79) 2-Chlorotoluene	11.43	91	1240	0.34 ug/l		93
80) 1,3,5-Trimethylbenzene	11.52	105	1179	0.26 ug/l		92
81) trans-1,4-Dichloro-2-buten	11.15	75	43244	80.83 ug/l	#	9
82) 4-Chlorotoluene	11.51	91	1701	0.39 ug/l		90
83) tert-Butylbenzene	11.78	119	1000	0.22 ug/l	#	71
84) 1,2,4-Trimethylbenzene	11.82	105	1545	0.33 ug/l		83
85) sec-Butylbenzene	11.96	105	1937	0.35 ug/l		94
86) p-Isopropyltoluene	12.07	119	2019	0.41 ug/l	#	70
87) 1,3-Dichlorobenzene	12.03	146	1457	0.54 ug/l		84
88) 1,4-Dichlorobenzene	12.03	146	1457	0.52 ug/l		86
89) n-Butylbenzene	12.40	91	2438	0.53 ug/l		95
91) 1,2-Dichlorobenzene	12.40	146	897	0.34 ug/l		95
93) 1,2,4-Trichlorobenzene	13.65	180	1652	0.87 ug/l		99
94) Hexachlorobutadiene	13.79	225	522	0.67 ug/l		98
95) Naphthalene	13.85	128	3301	0.50 ug/l		98
96) 1,2,3-Trichlorobenzene	14.03	180	1443	0.77 ug/l		94

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

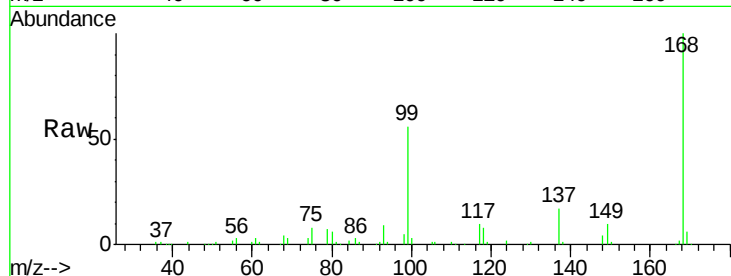
I.BLK

Tgt Ion:168 Resp: 107900

Ion Ratio Lower Upper

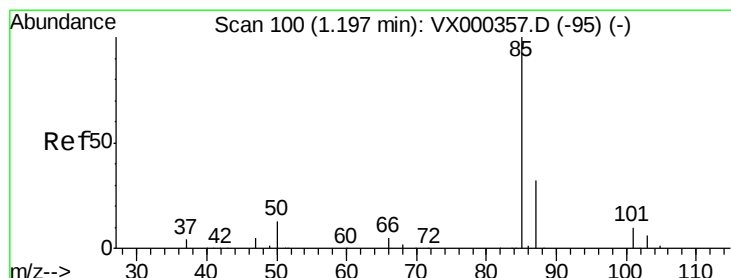
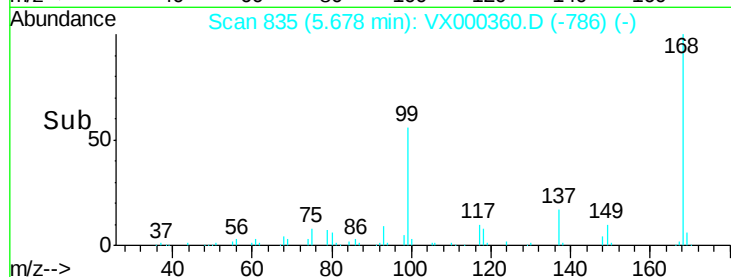
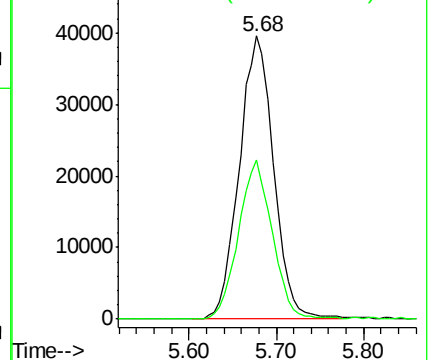
168 100

99 56.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.47 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000360.D

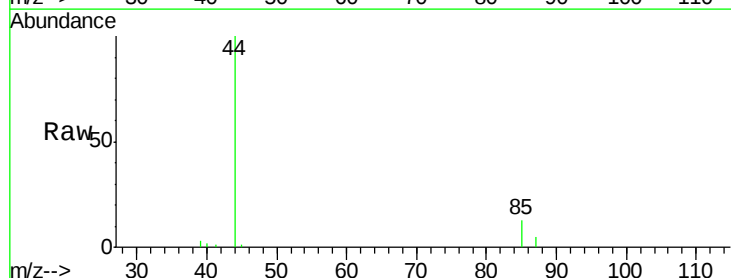
Acq: 20 Mar 2018 13:01

Tgt Ion: 85 Resp: 563

Ion Ratio Lower Upper

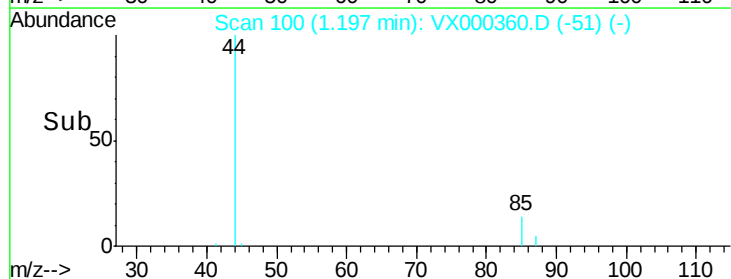
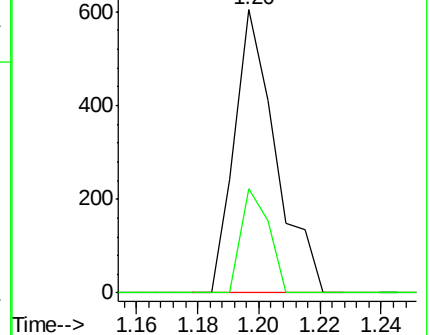
85 100

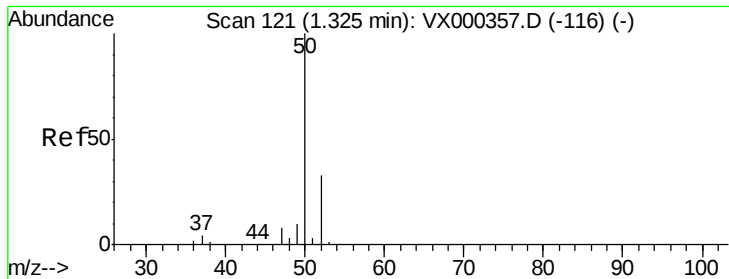
87 36.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

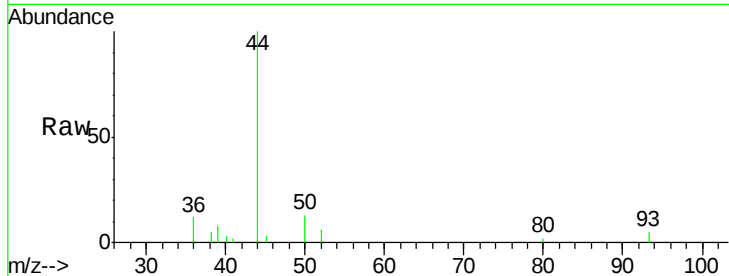
I.BLK

Tgt Ion: 50 Resp: 336

Ion Ratio Lower Upper

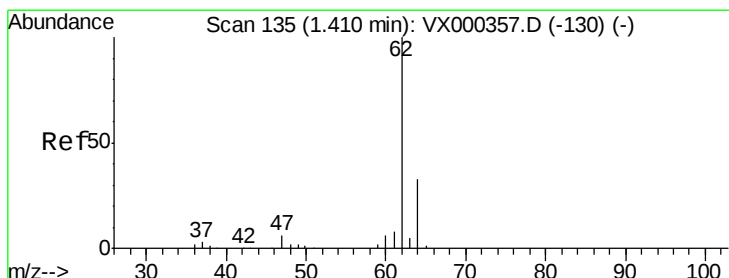
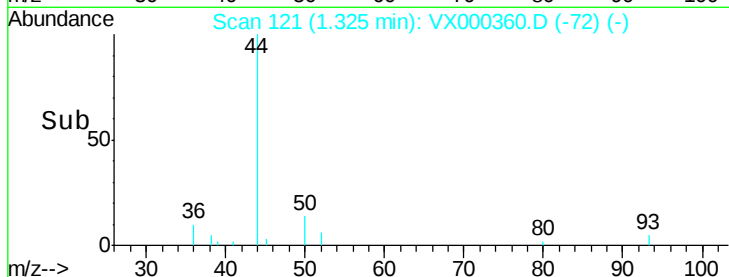
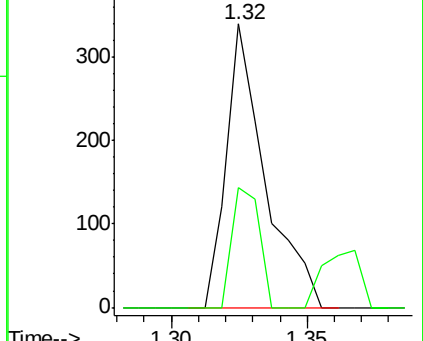
50 100

52 42.1 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.29 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000360.D

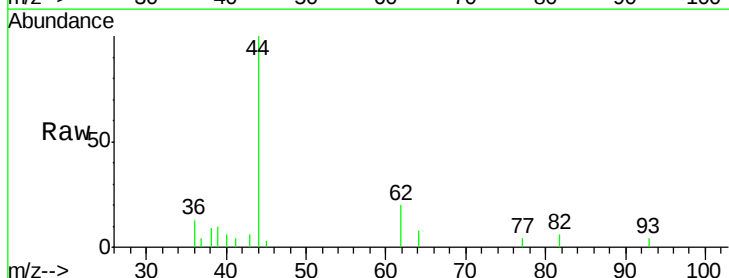
Acq: 20 Mar 2018 13:01

Tgt Ion: 62 Resp: 383

Ion Ratio Lower Upper

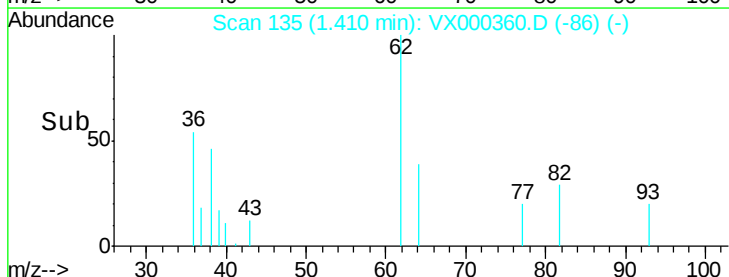
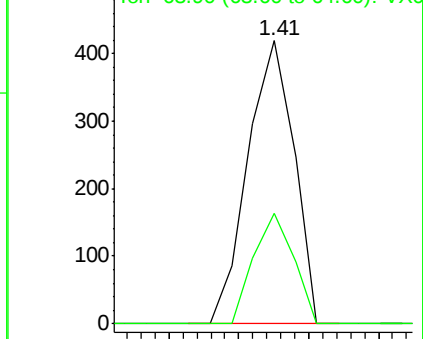
62 100

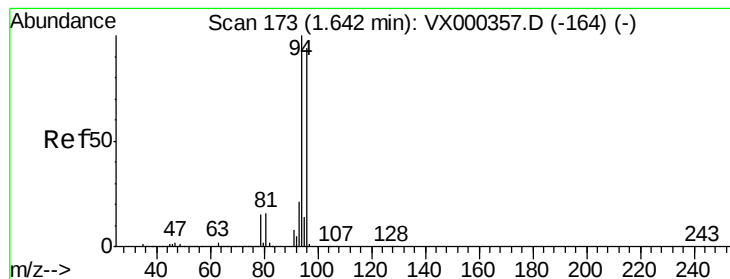
64 38.9 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.46 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

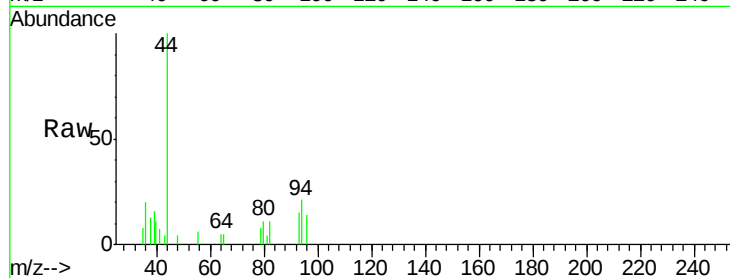
I.BLK

Tgt Ion: 94 Resp: 651

Ion Ratio Lower Upper

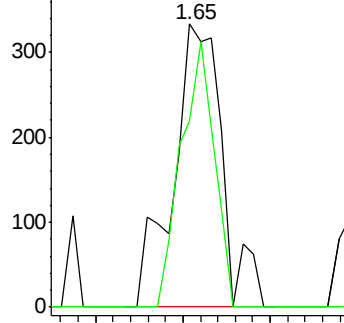
94 100

96 65.8 77.7 116.5#

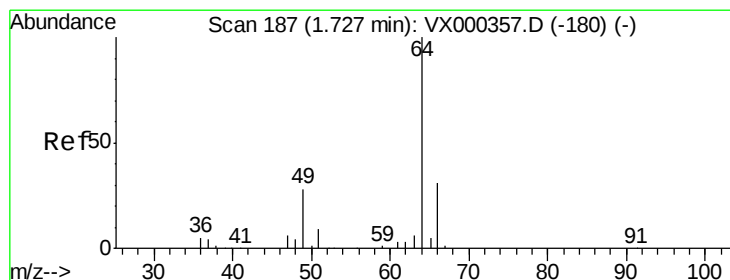
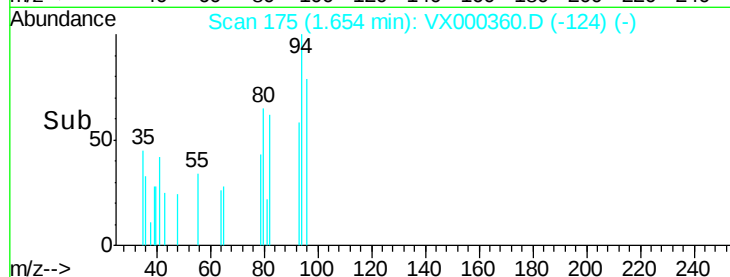


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000360.D

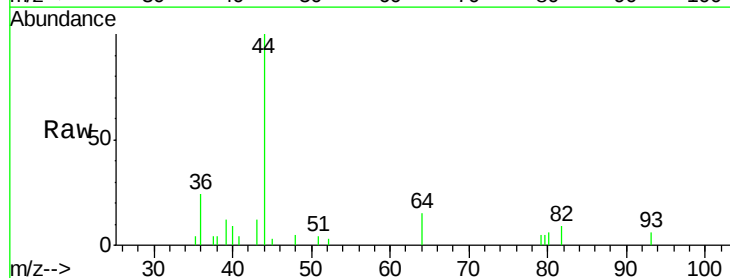
Acq: 20 Mar 2018 13:01

Tgt Ion: 64 Resp: 338

Ion Ratio Lower Upper

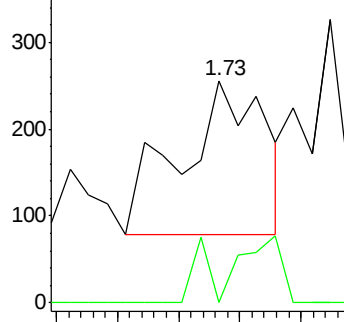
64 100

66 0.0 24.8 37.2#

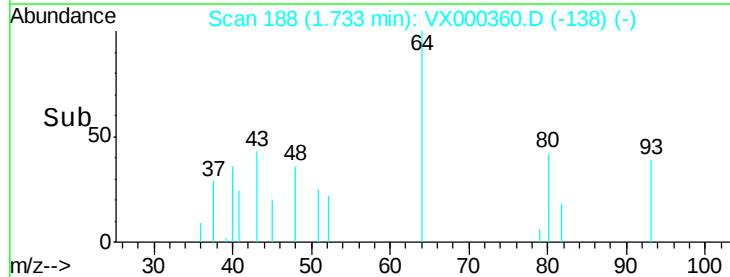


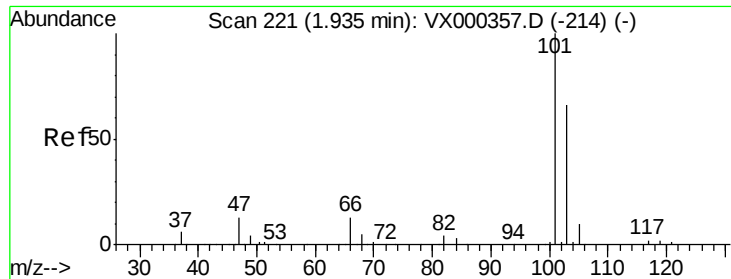
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

Trichlorofluoromethane

Concen: 0.23 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

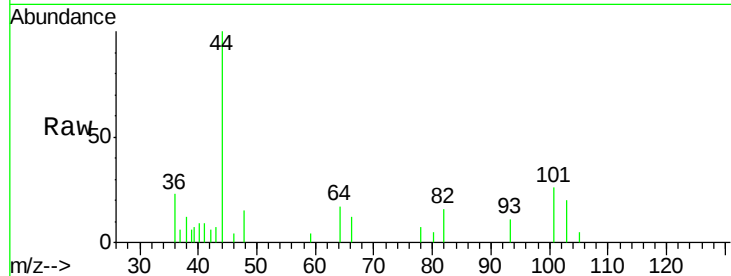
I.BLK

Tgt Ion:101 Resp: 554

Ion Ratio Lower Upper

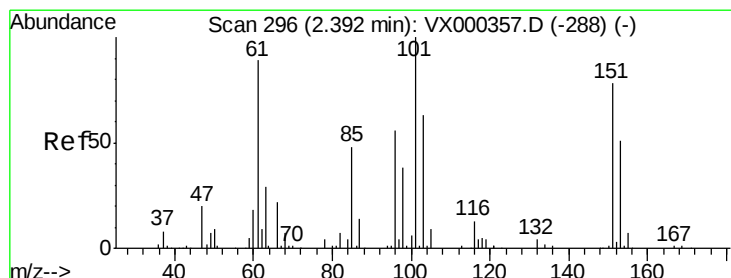
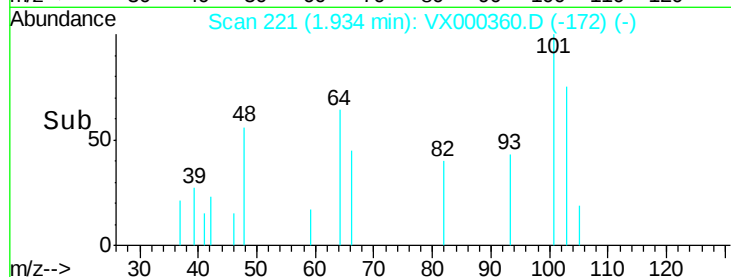
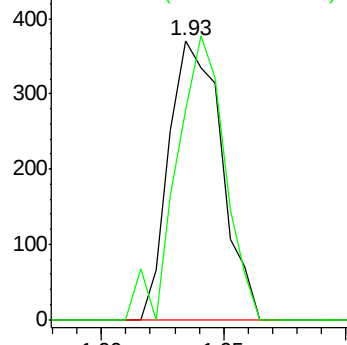
101 100

103 75.2 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.42 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

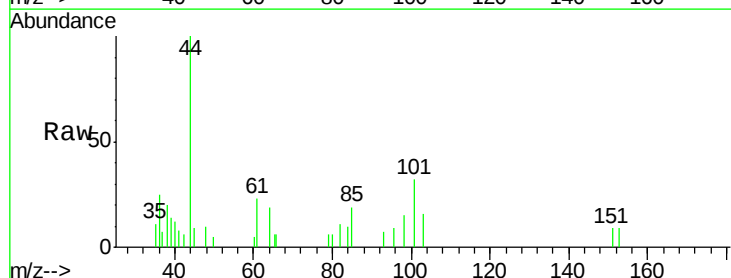
Tgt Ion:101 Resp: 555

Ion Ratio Lower Upper

101 100

85 37.8 37.6 56.4

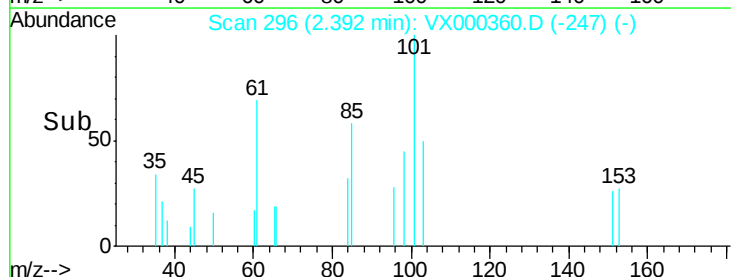
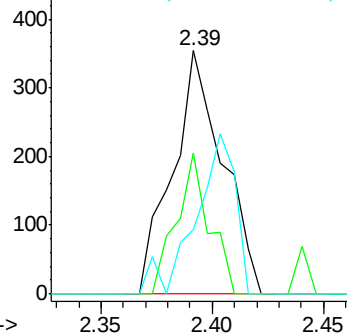
151 51.9 62.6 93.8#

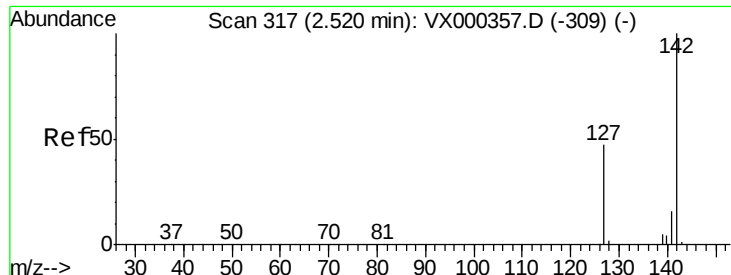


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

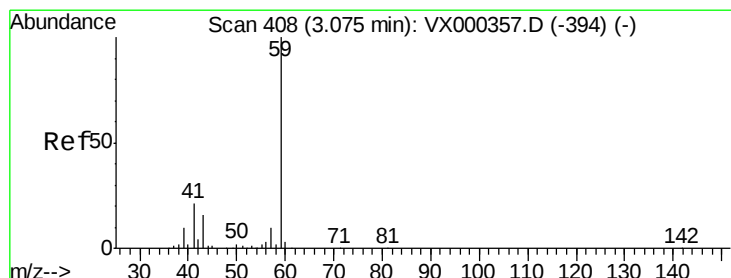
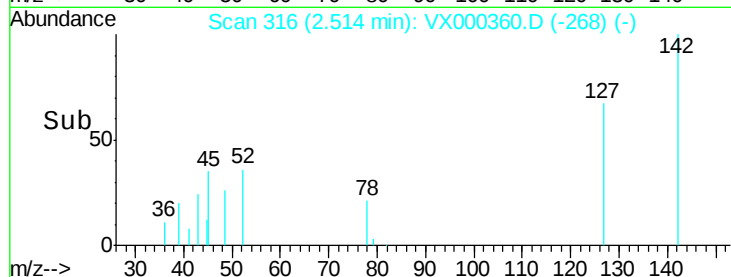
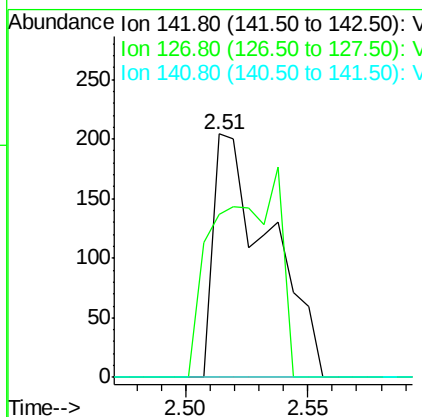
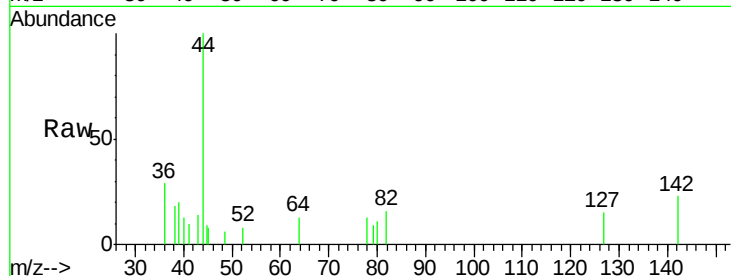




#10
Methyl Iodide
Concen: 4.50 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

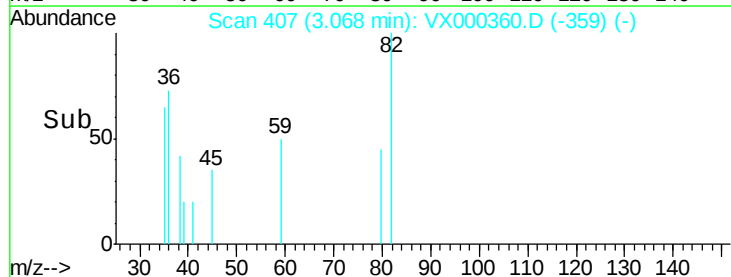
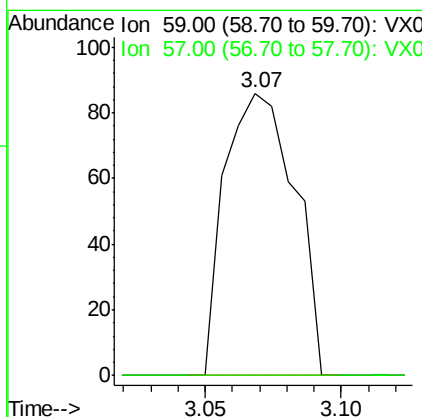
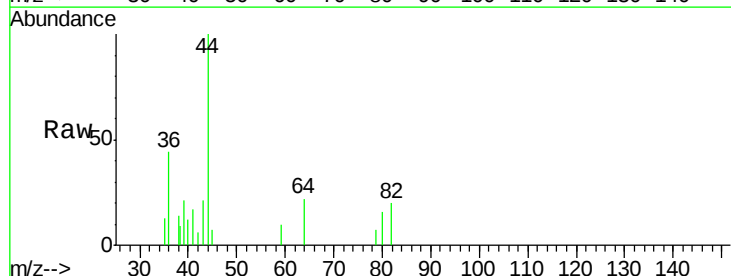
Instrument :
MSVOA_X
ClientSampled :
I.BLK

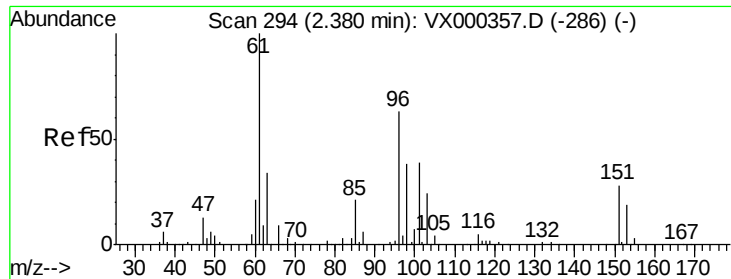
Tgt Ion:142 Resp: 327
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#12

1,1-Dichloroethene

Concen: 0.31 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

I.BLK

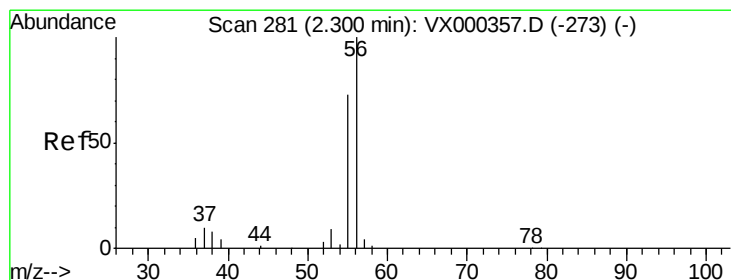
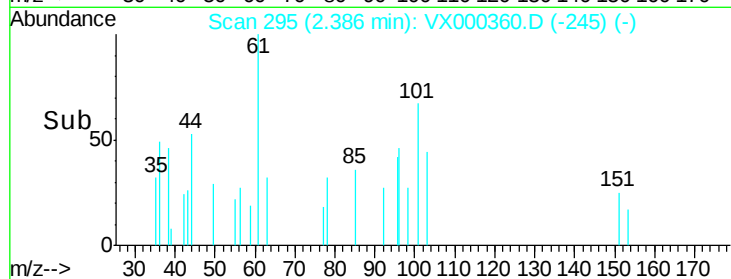
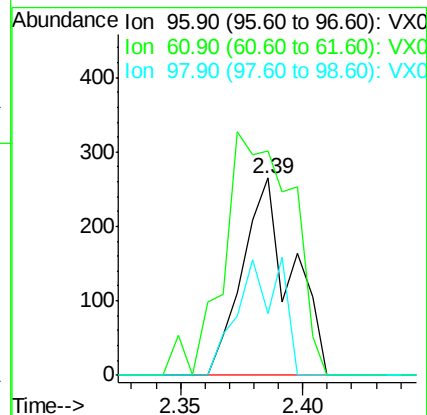
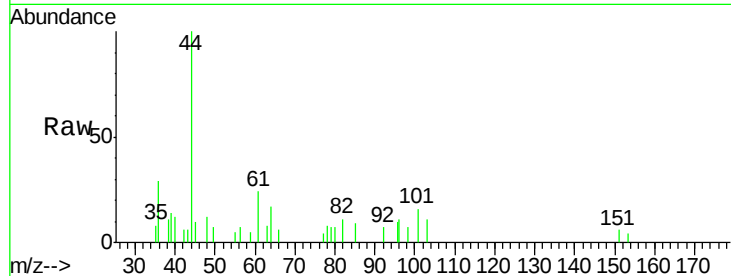
Tgt Ion: 96 Resp: 367

Ion Ratio Lower Upper

96 100

61 114.0 131.2 196.8#

98 31.3 49.8 74.8#



#13

Acrolein

Concen: 16.29 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX000360.D

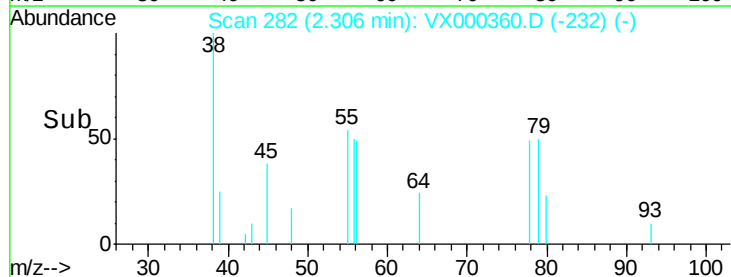
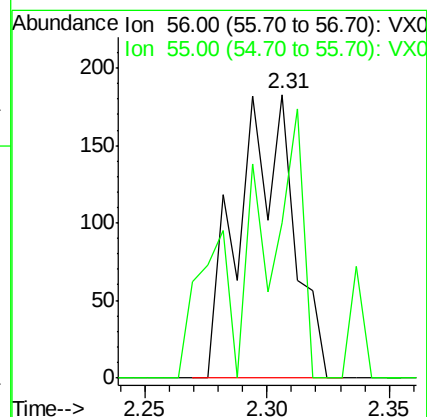
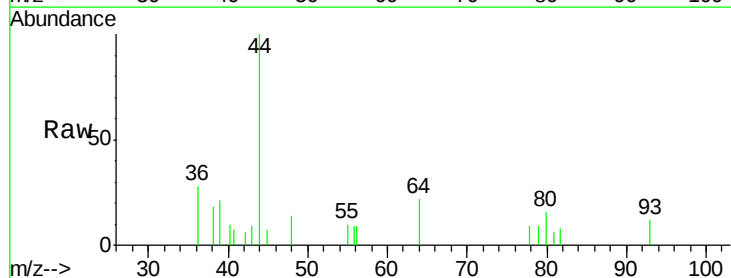
Acq: 20 Mar 2018 13:01

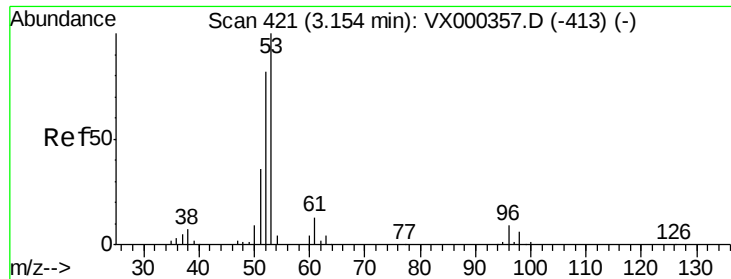
Tgt Ion: 56 Resp: 281

Ion Ratio Lower Upper

56 100

55 60.9 58.8 88.2





#15

Acrylonitrile

Concen: 1.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

I.BLK

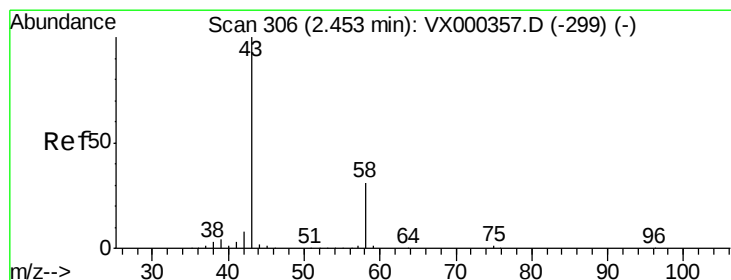
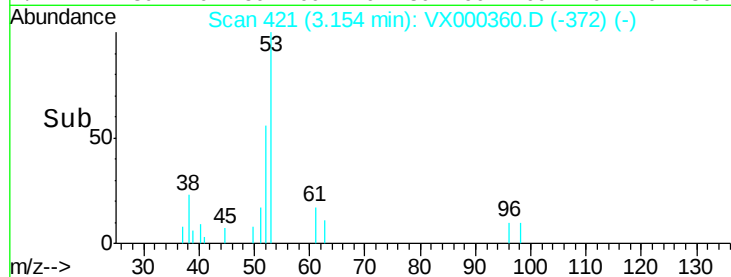
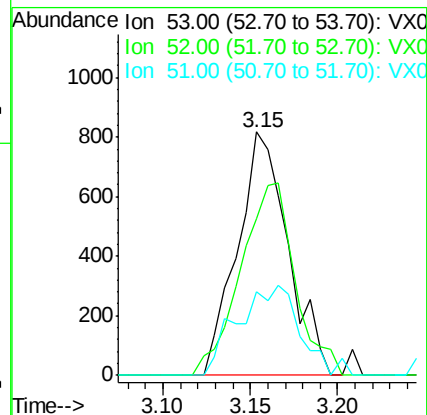
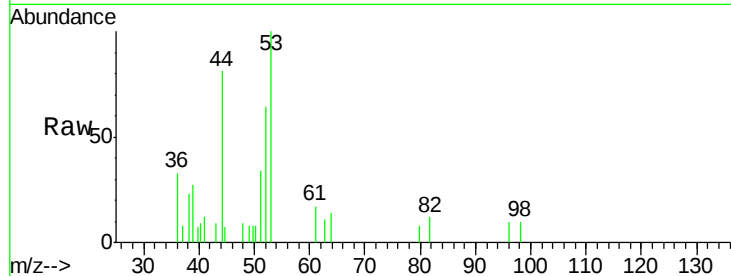
Tgt Ion: 53 Resp: 1645

Ion Ratio Lower Upper

53 100

52 85.0 66.6 99.8

51 45.5 29.3 43.9#



#16

Acetone

Concen: 1.02 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000360.D

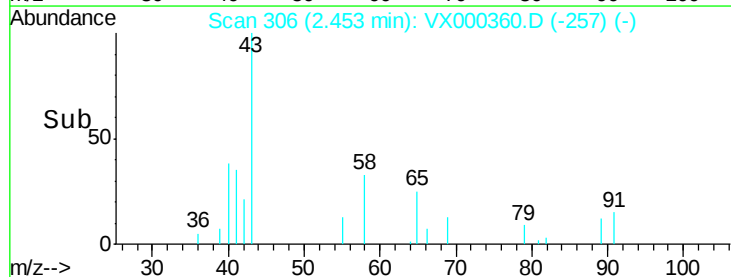
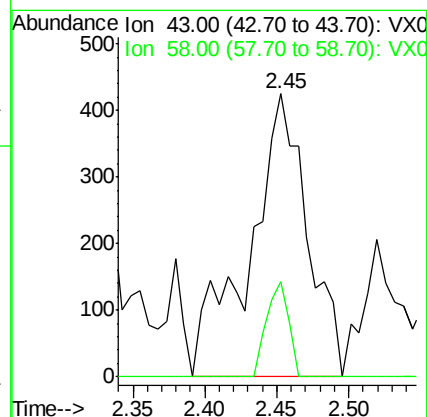
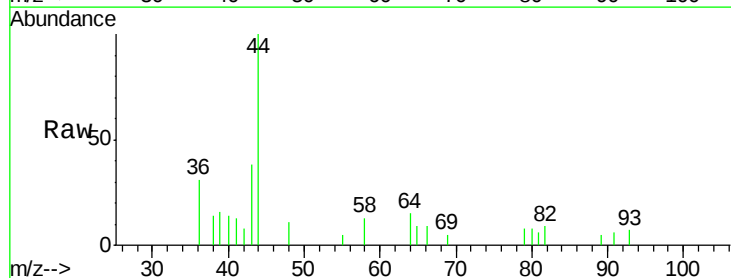
Acq: 20 Mar 2018 13:01

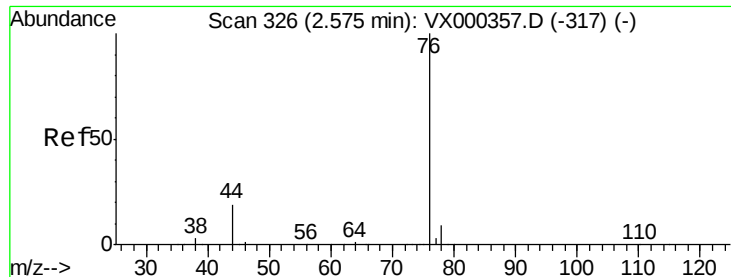
Tgt Ion: 43 Resp: 1193

Ion Ratio Lower Upper

43 100

58 33.4 24.7 37.1





#17

Carbon Disulfide

Concen: 1.39 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

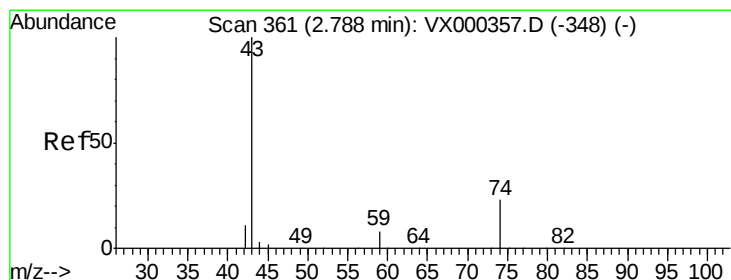
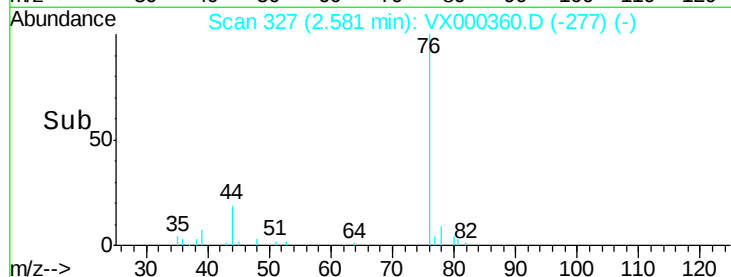
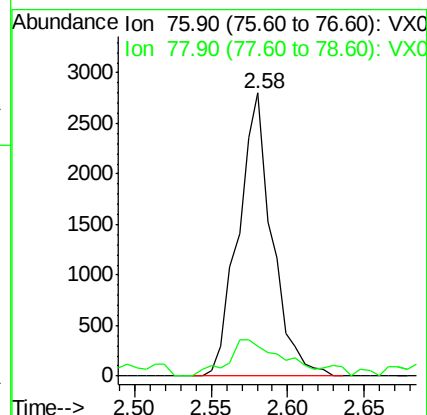
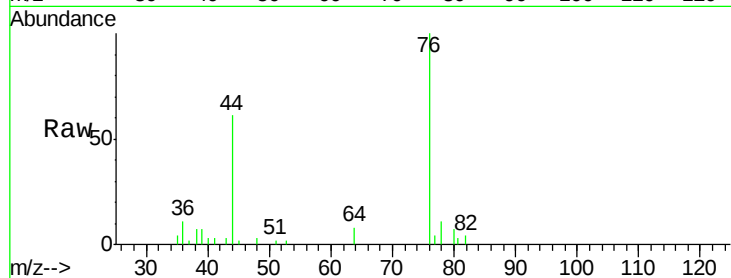
I.BLK

Tgt Ion: 76 Resp: 4283

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.6#



#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000360.D

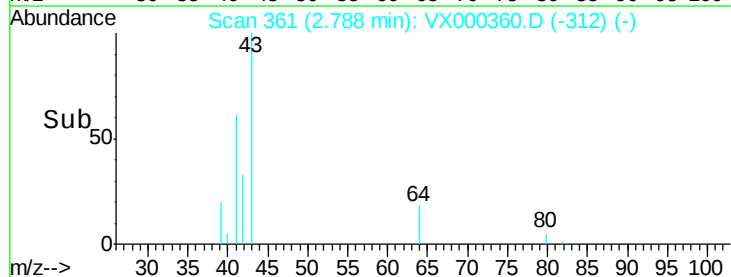
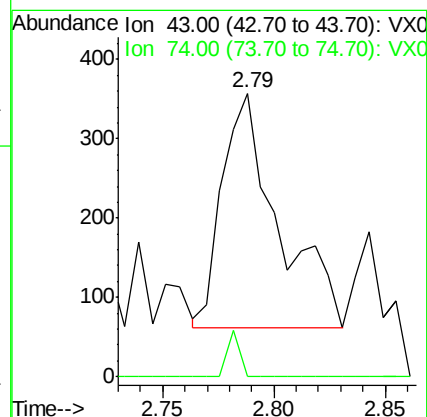
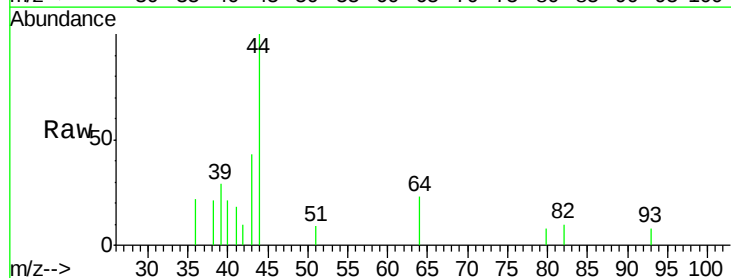
Acq: 20 Mar 2018 13:01

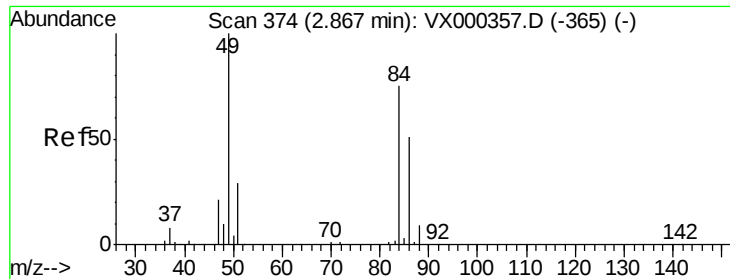
Tgt Ion: 43 Resp: 518

Ion Ratio Lower Upper

43 100

74 4.2 19.4 29.2#

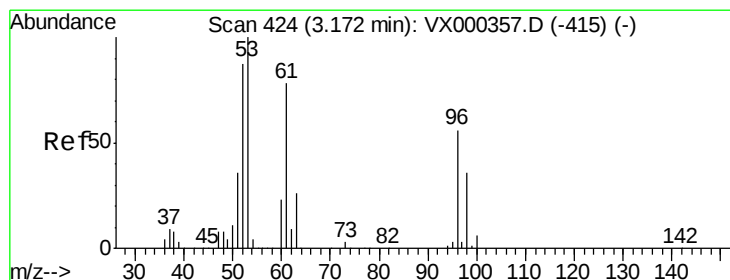
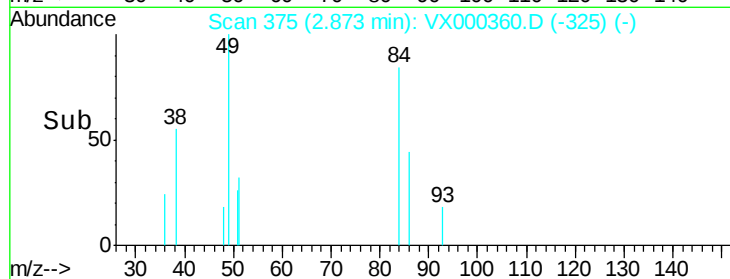
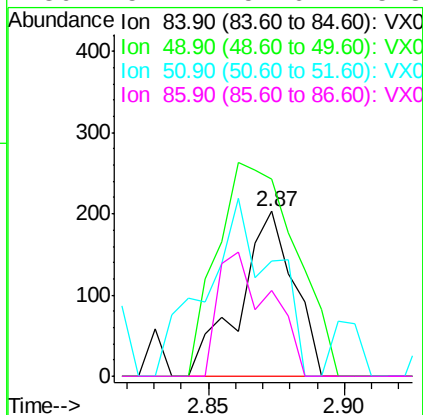
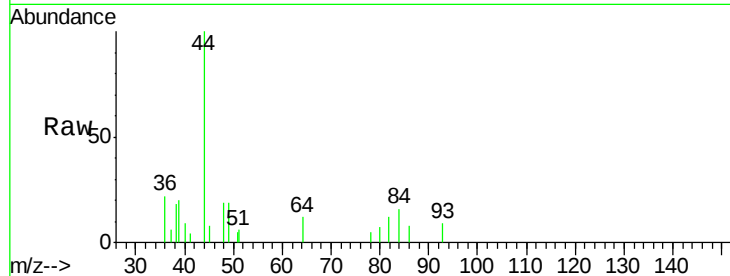




#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

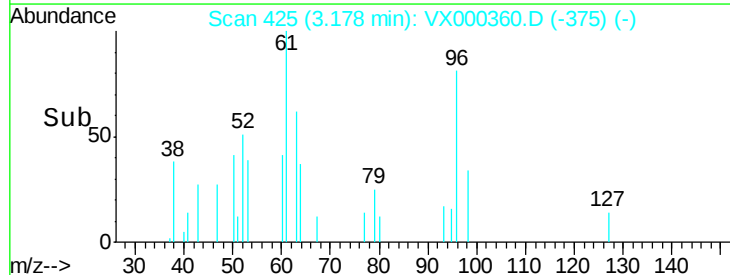
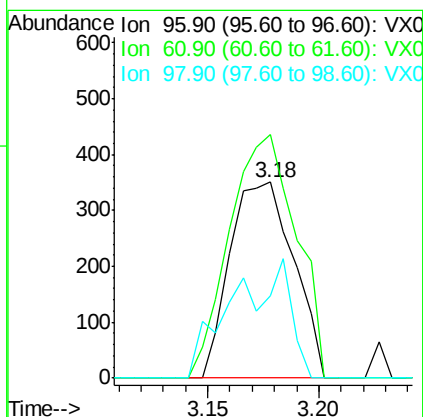
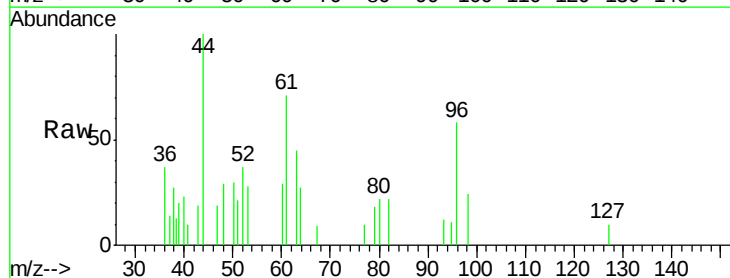
Instrument :
MSVOA_X
ClientSampleId :
I.BLK

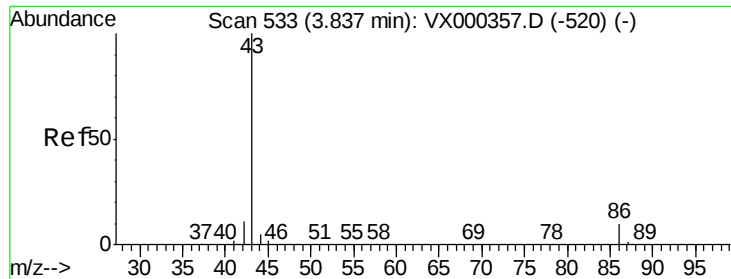
Tgt Ion: 84 Resp: 279
Ion Ratio Lower Upper
84 100
49 119.7 100.6 151.0
51 36.5 31.6 47.4
86 52.2 52.6 78.8#



#21
trans-1,2-Dichloroethene
Concen: 0.54 ug/l
RT: 3.18 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Tgt Ion: 96 Resp: 698
Ion Ratio Lower Upper
96 100
61 124.2 104.0 156.0
98 42.2 52.1 78.1#





#23

Vinyl Acetate

Concen: 0.27 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

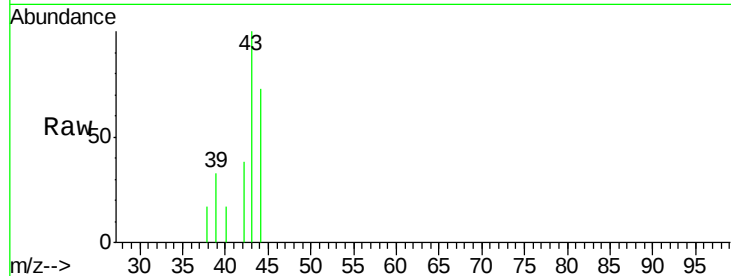
I.BLK

Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

86 0.0 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400

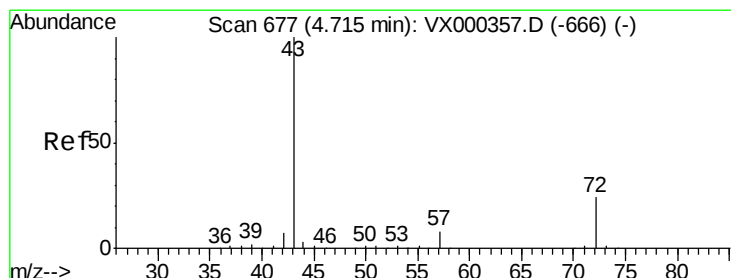
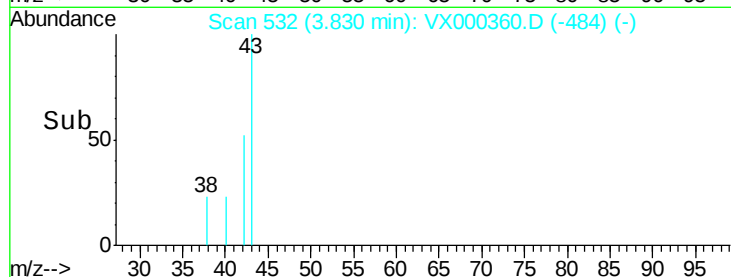
300

200

100

0

Time-->



#25

2-Butanone

Concen: 0.47 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000360.D

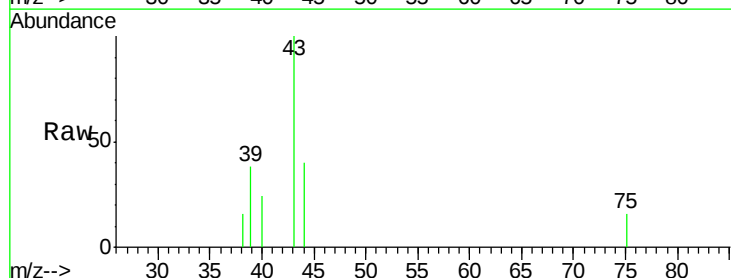
Acq: 20 Mar 2018 13:01

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

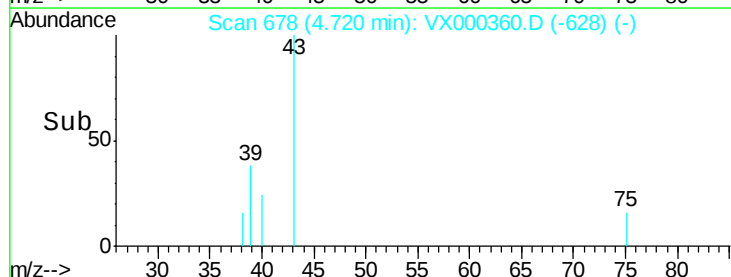
300

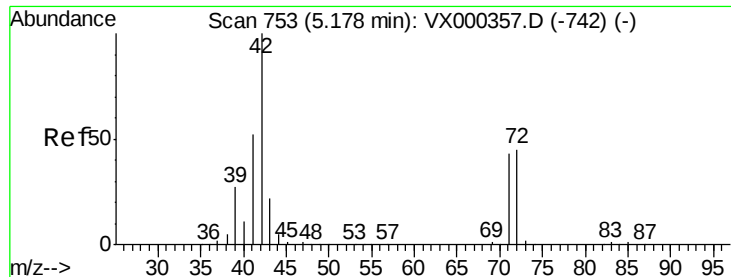
200

100

0

Time-->

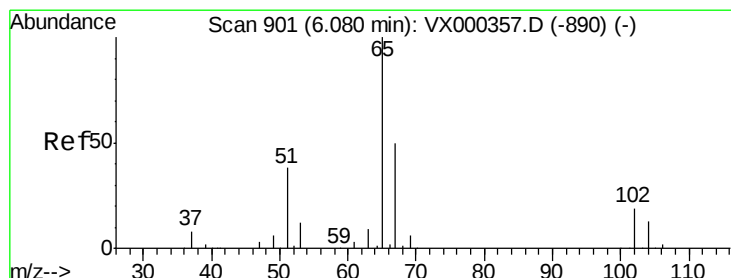
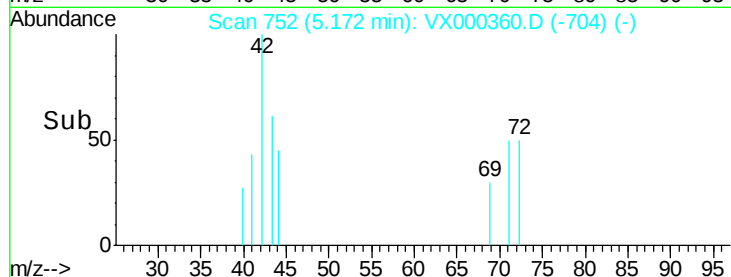
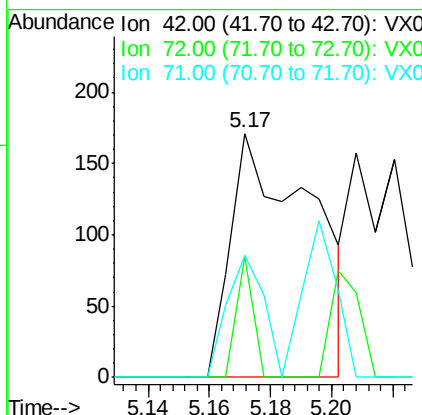
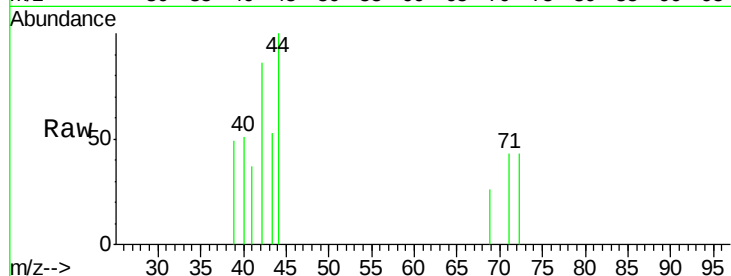




#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

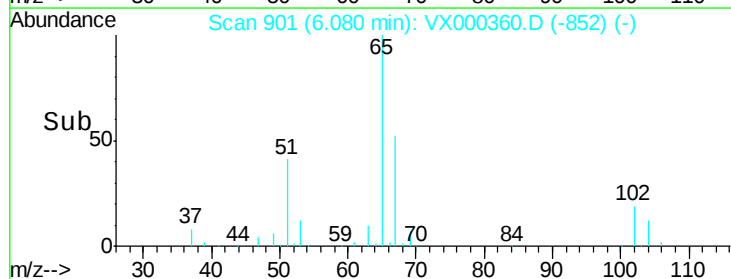
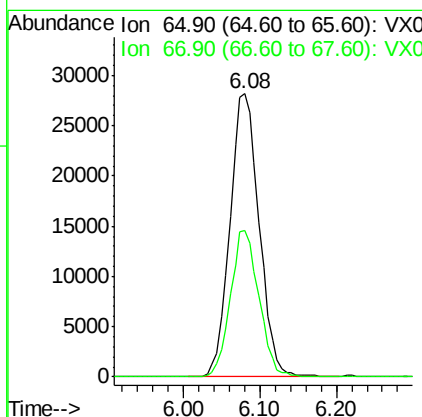
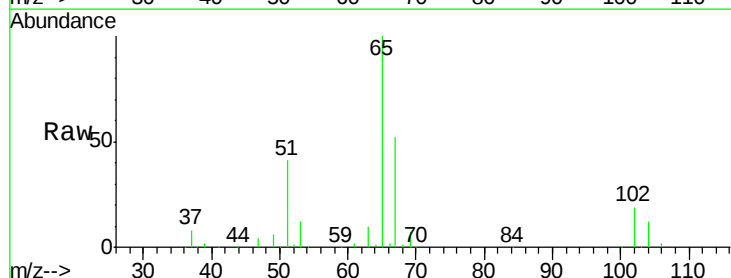
Instrument :
MSVOA_X
ClientSampleId :
I.BLK

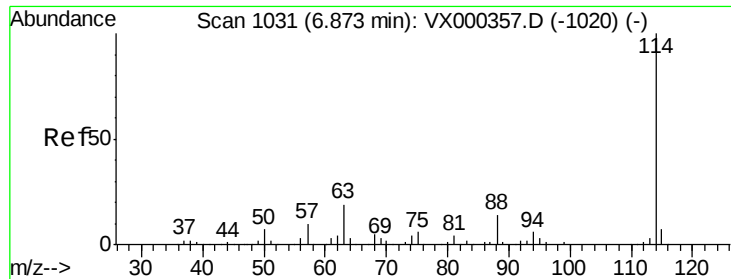
Tgt Ion: 42 Resp: 309
Ion Ratio Lower Upper
42 100
72 10.0 37.9 56.9#
71 23.0 34.4 51.6#



#33
1,2-Dichloroethane-d4
Concen: 52.83 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Tgt Ion: 65 Resp: 74414
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.2

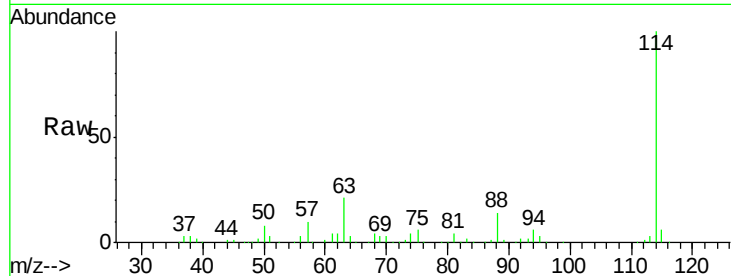




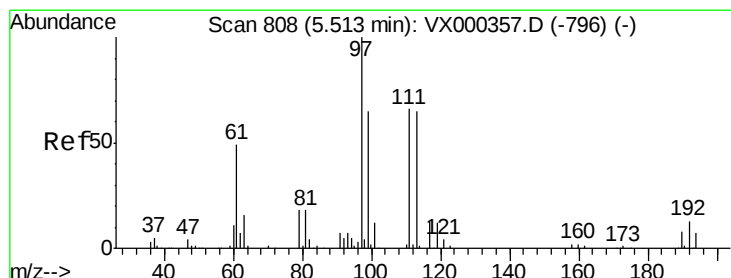
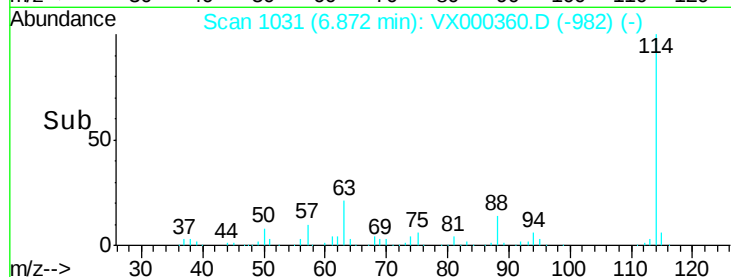
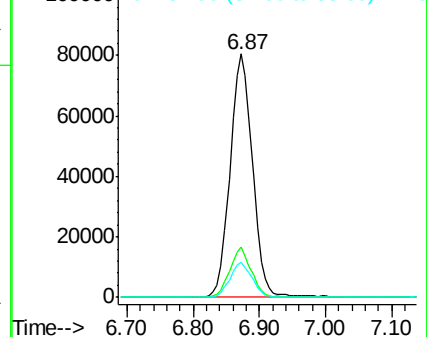
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

Tgt Ion:114 Resp: 189202
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.4
 88 14.1 0.0 27.0

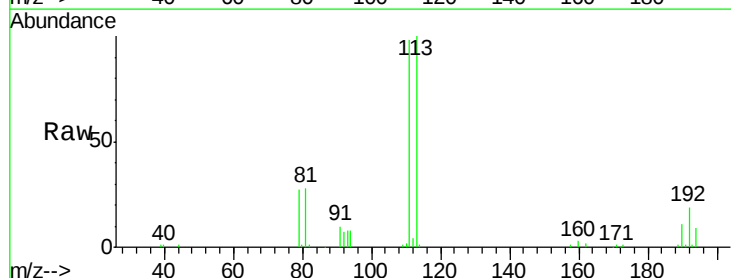


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

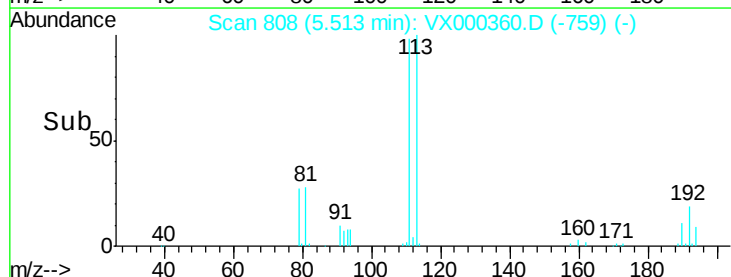
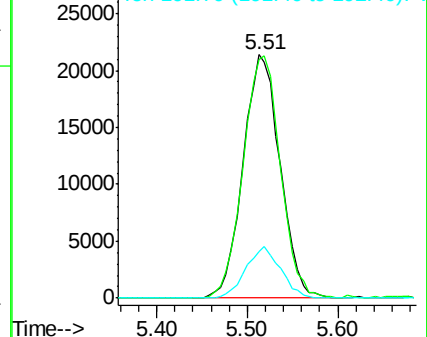


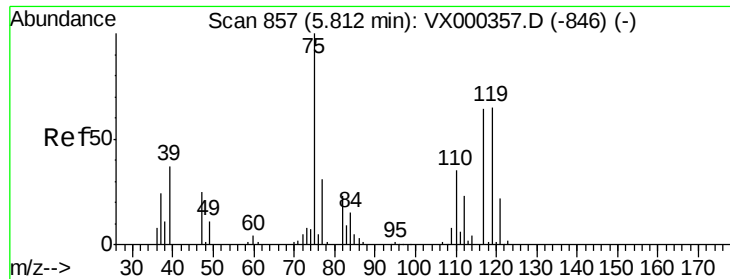
#35
 Dibromofluoromethane
 Concen: 50.51 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Tgt Ion:113 Resp: 60216
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.4 123.6
 192 19.8 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

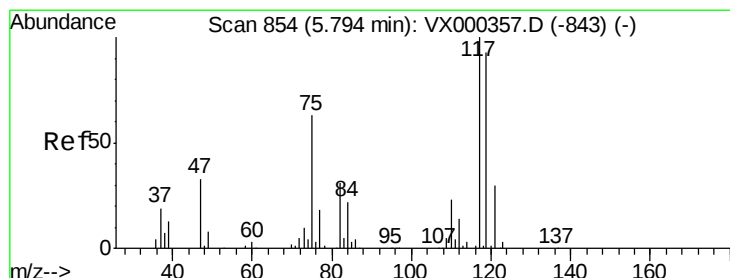
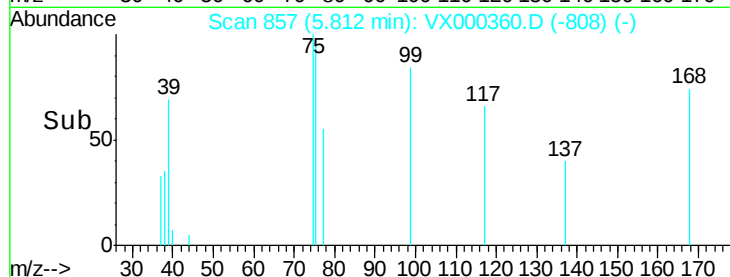
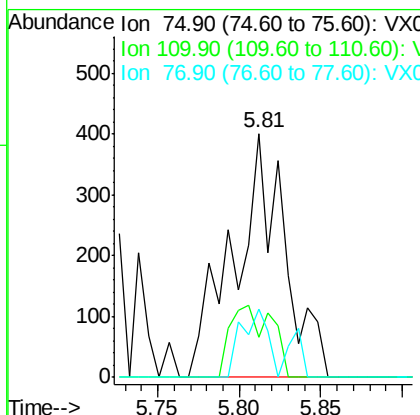
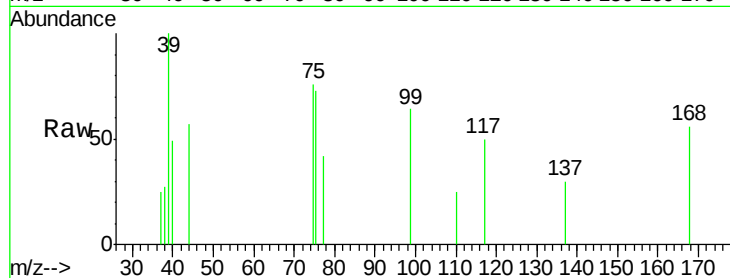




#36
 1,1-Dichloropropene
 Concen: 0.49 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

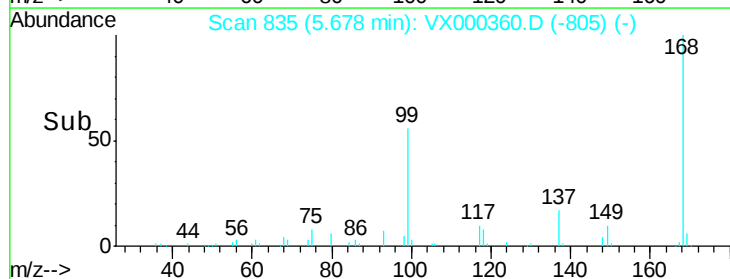
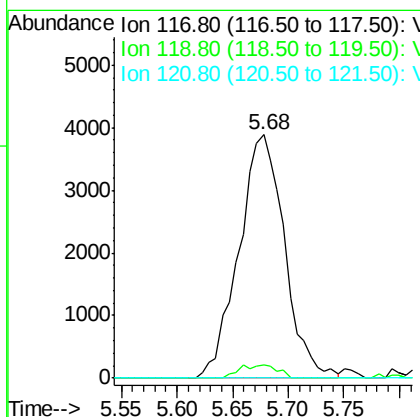
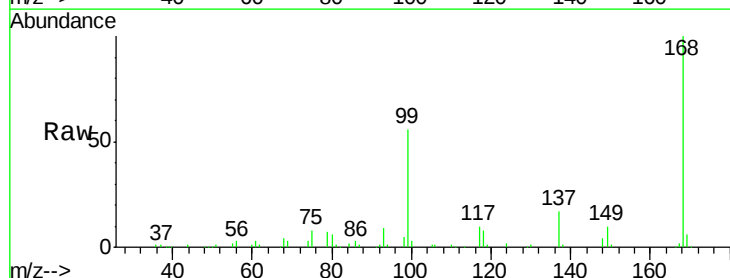
Instrument :
 MSVOA_X
 ClientSampled :
 I.BLK

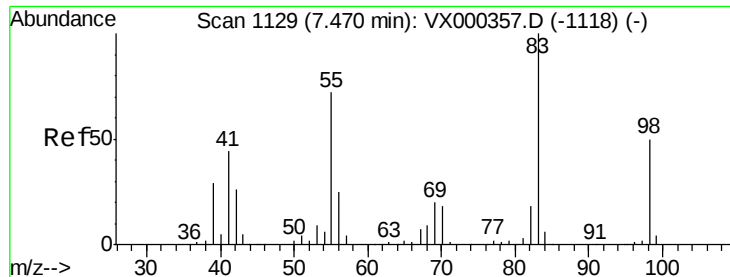
Tgt Ion: 75 Resp: 869
 Ion Ratio Lower Upper
 75 100
 110 23.8 17.9 53.7
 77 14.7 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.97 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Tgt Ion: 117 Resp: 11091
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.4 116.2#
 121 0.0 24.8 37.2#

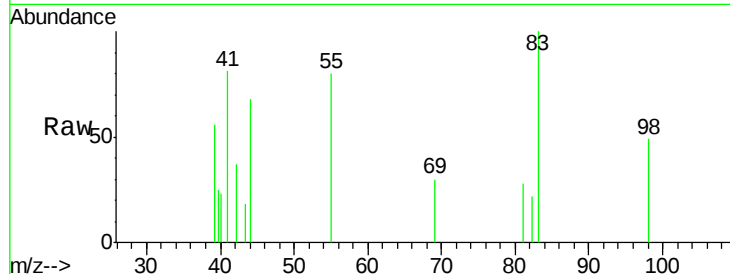




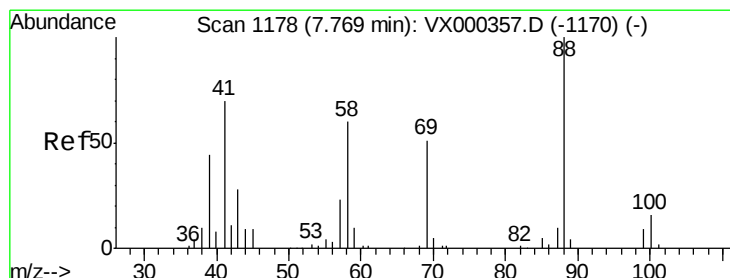
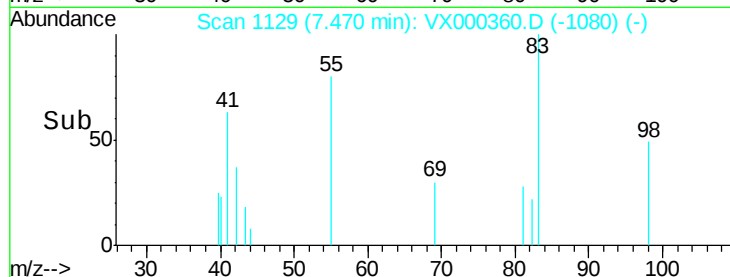
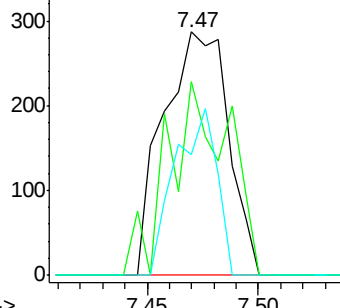
#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
I.BLK

Tgt Ion: 83 Resp: 582
Ion Ratio Lower Upper
83 100
55 79.8 55.5 83.3
98 49.5 38.2 57.4

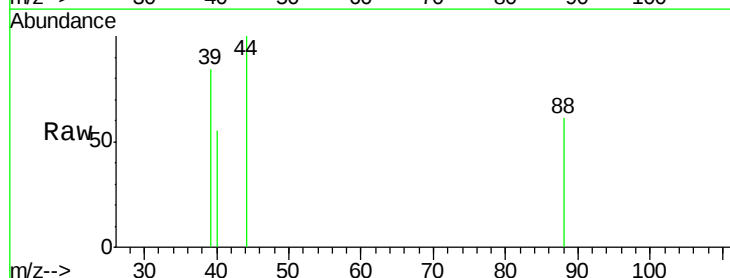


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

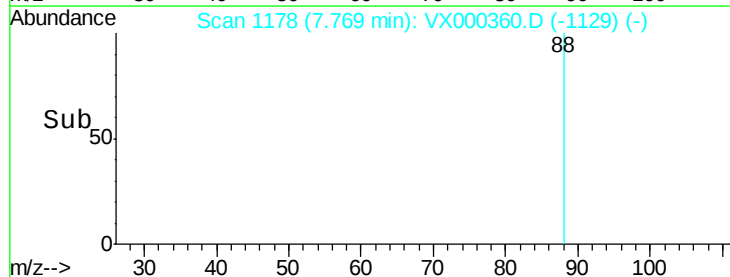
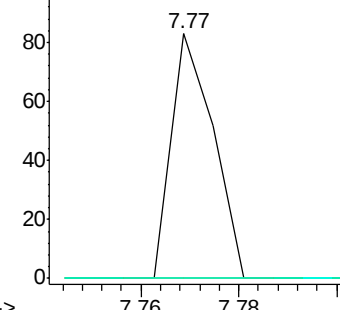


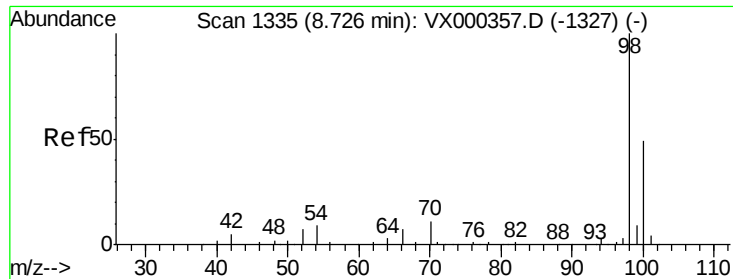
#49
1,4-Dioxane
Concen: 1.33 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 0.0 52.2 78.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 46.50 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

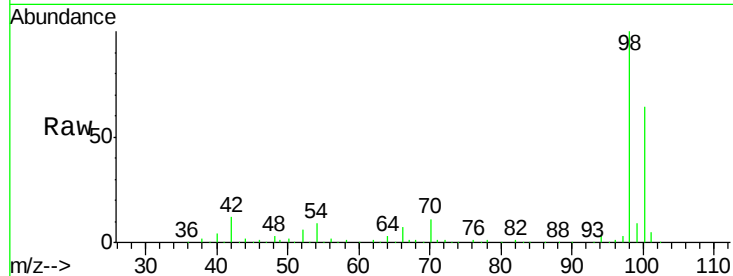
I.BLK

Tgt Ion: 98 Resp: 229582

Ion Ratio Lower Upper

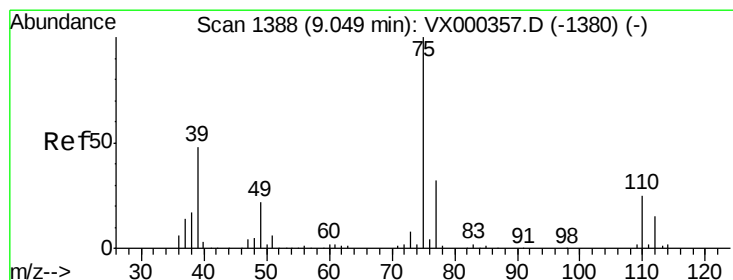
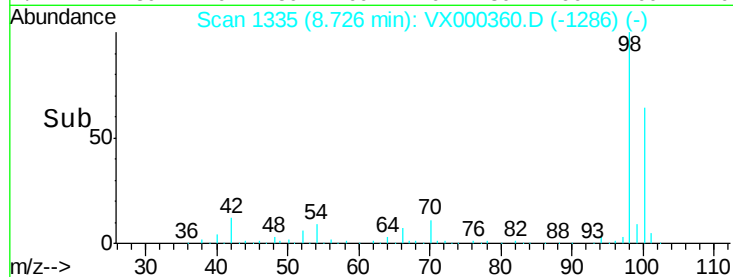
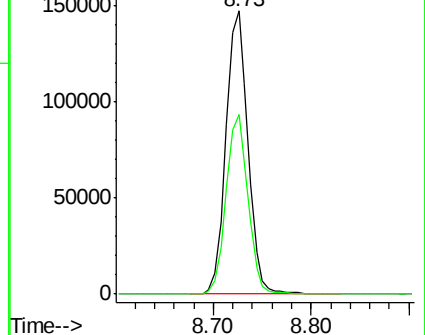
98 100

100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#54

cis-1,3-Dichloropropene

Concen: 0.22 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

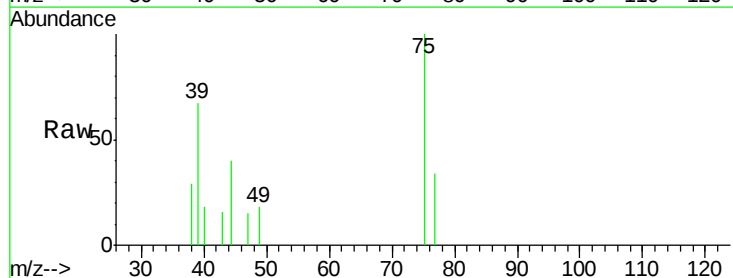
Tgt Ion: 75 Resp: 459

Ion Ratio Lower Upper

75 100

77 33.9 26.1 39.1

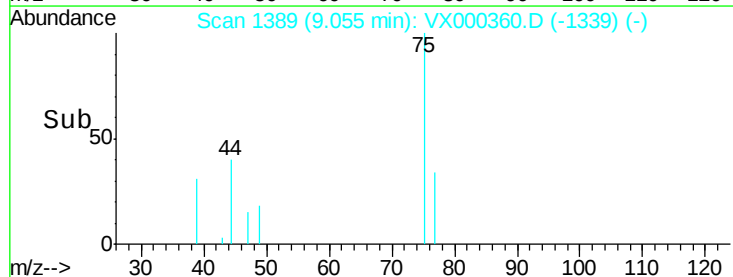
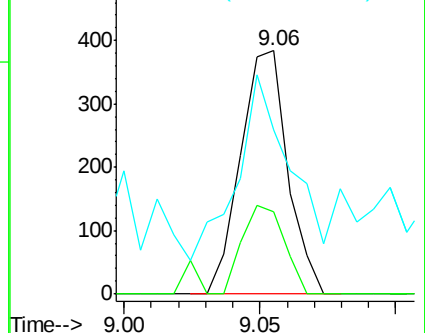
39 53.6 39.8 59.6

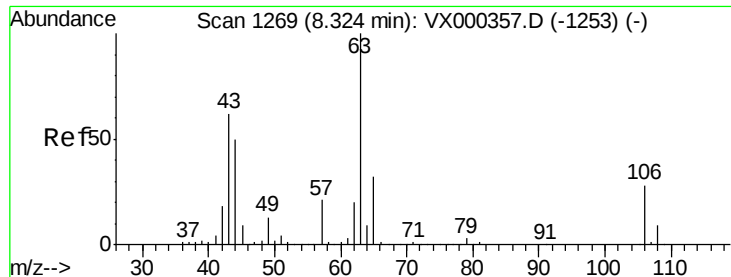


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#58

2-Chloroethyl Vinyl ether

Concen: 0.22 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

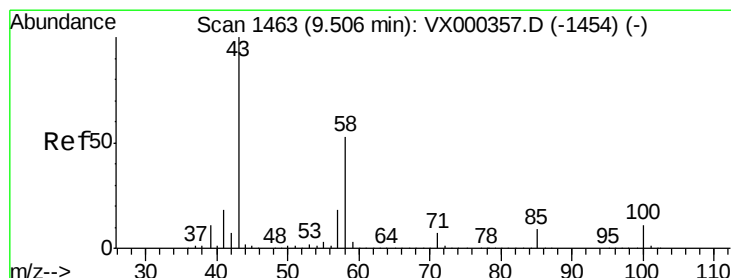
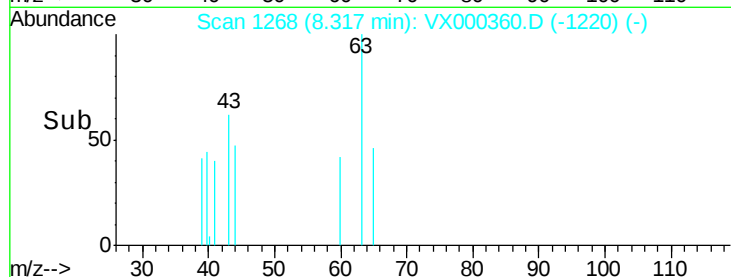
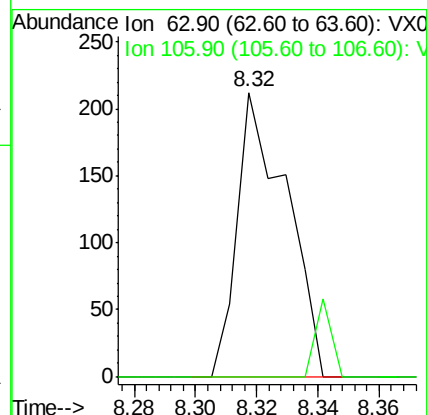
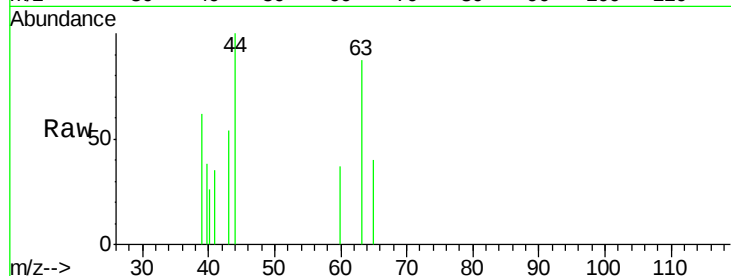
I.BLK

Tgt Ion: 63 Resp: 236

Ion Ratio Lower Upper

63 100

106 0.0 23.2 34.8#



#59

2-Hexanone

Concen: 0.21 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VX000360.D

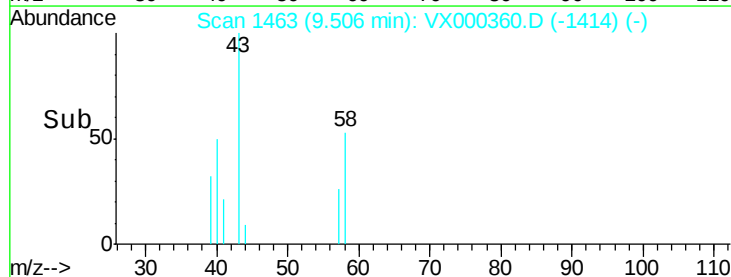
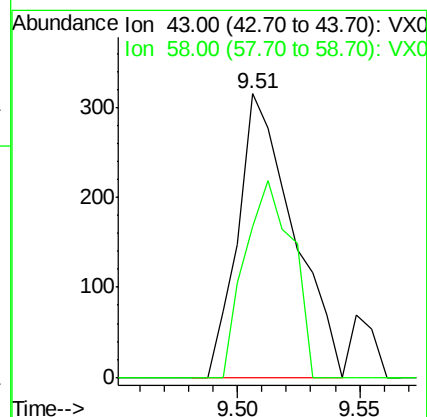
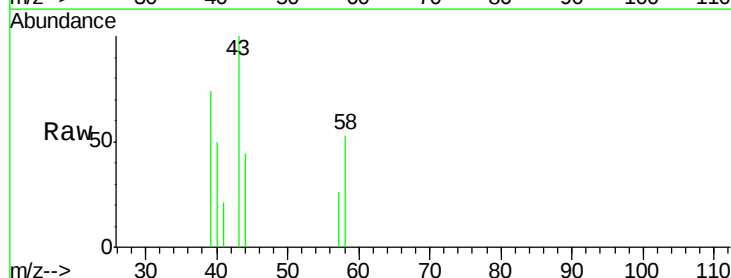
Acq: 20 Mar 2018 13:01

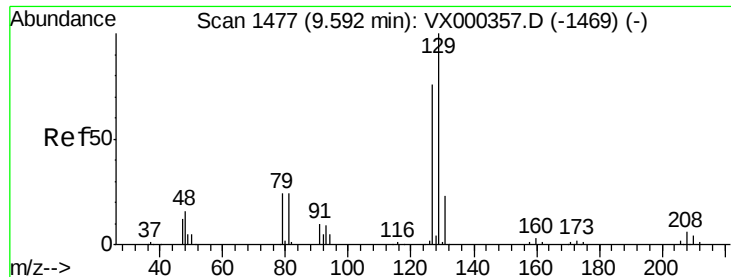
Tgt Ion: 43 Resp: 495

Ion Ratio Lower Upper

43 100

58 59.6 26.6 79.7





#60

Dibromochloromethane

Concen: 4.31 ug/l

RT: 9.35 min Scan# 1437

Delta R.T. -0.24 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

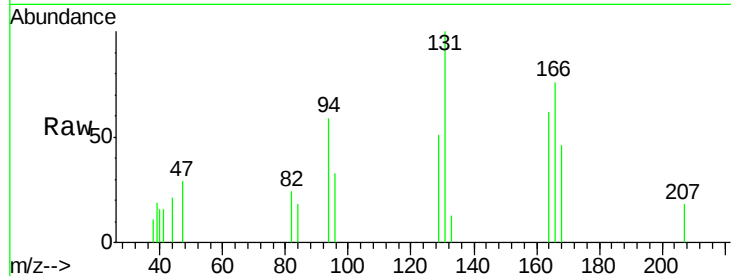
I.BLK

Tgt Ion:129 Resp: 369

Ion Ratio Lower Upper

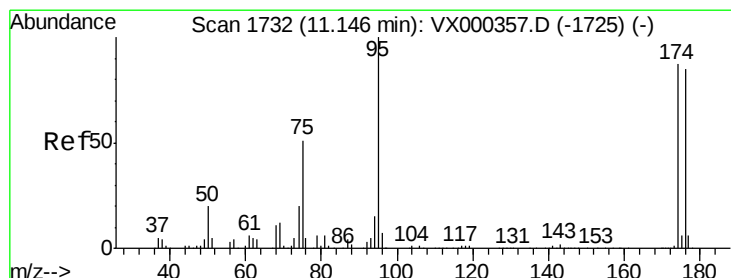
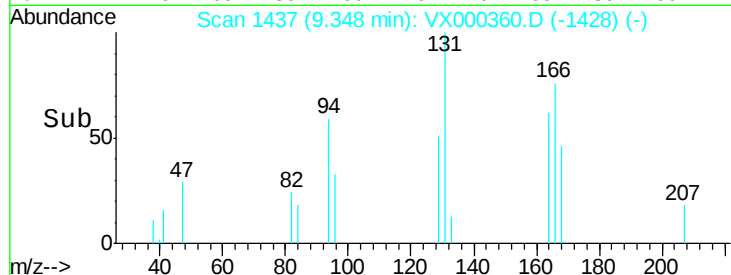
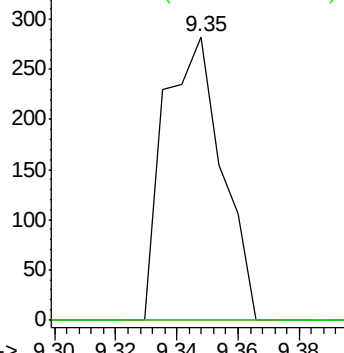
129 100

127 0.0 37.9 113.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 37.71 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

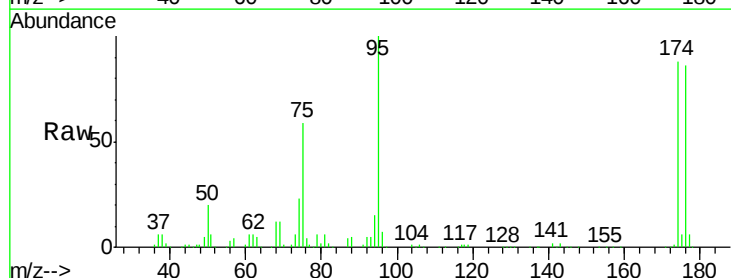
Tgt Ion: 95 Resp: 75045

Ion Ratio Lower Upper

95 100

174 89.0 0.0 173.6

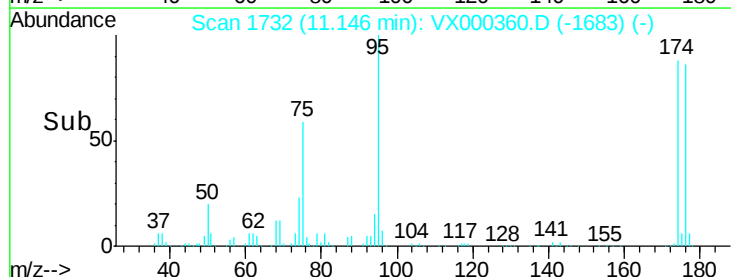
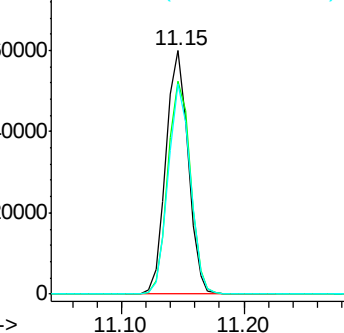
176 85.3 0.0 164.6

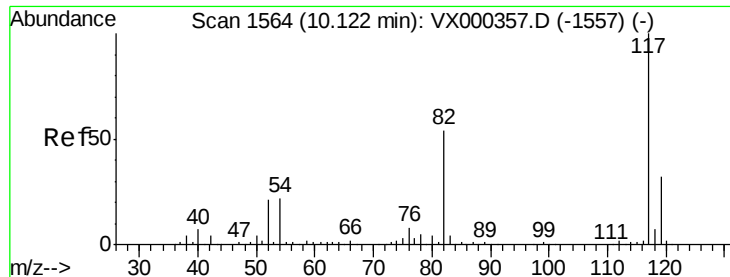


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

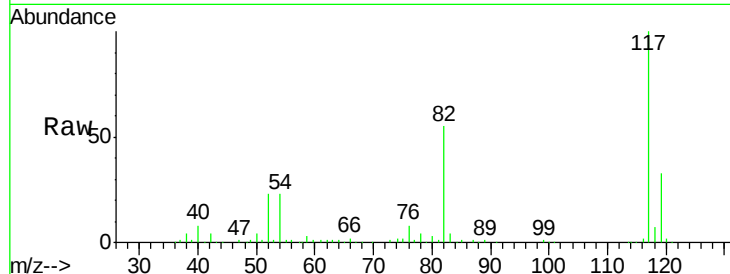




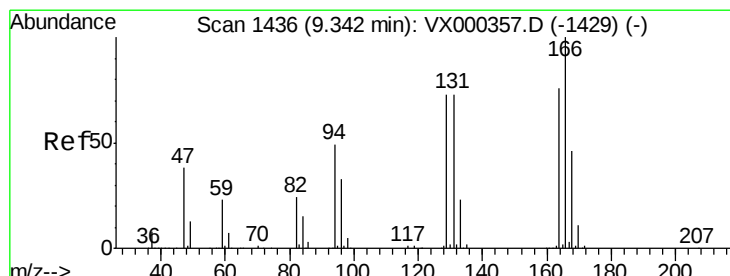
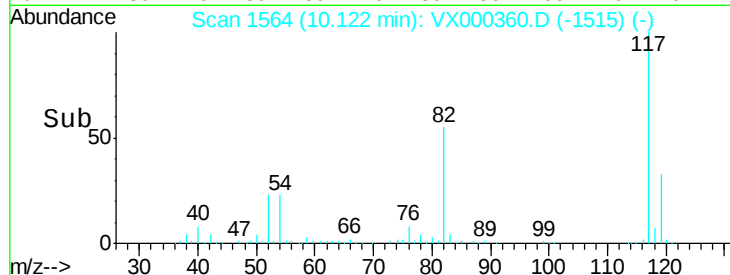
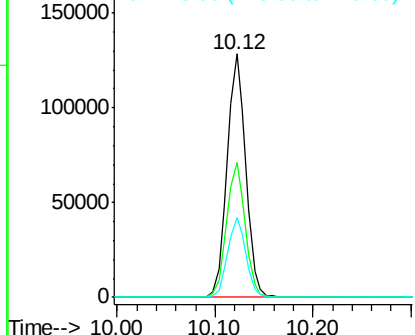
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
I.BLK

Tgt Ion:117 Resp: 170015
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 33.0 24.9 37.3

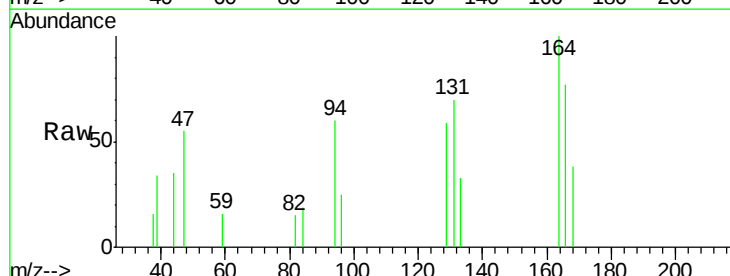


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

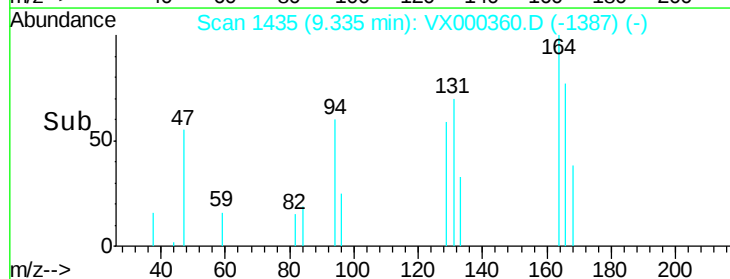
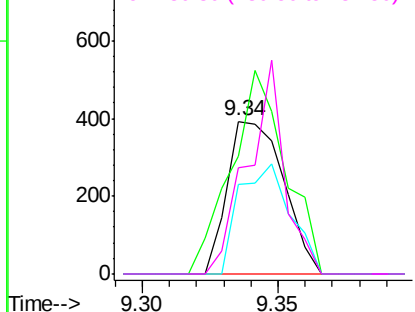


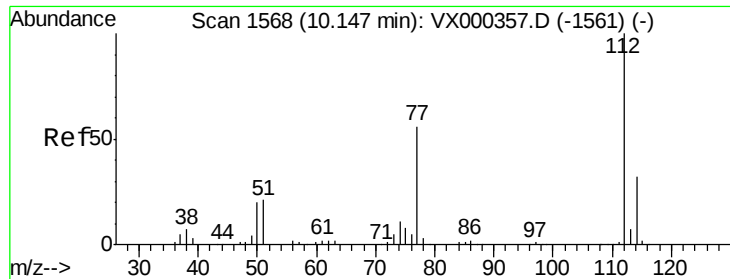
#64
Tetrachloroethene
Concen: 0.43 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Tgt Ion:164 Resp: 562
Ion Ratio Lower Upper
164 100
166 77.3 101.0 151.6#
129 58.7 79.0 118.4#
131 69.6 71.9 107.9#



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

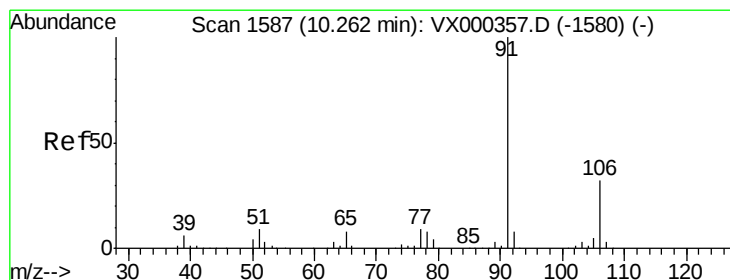
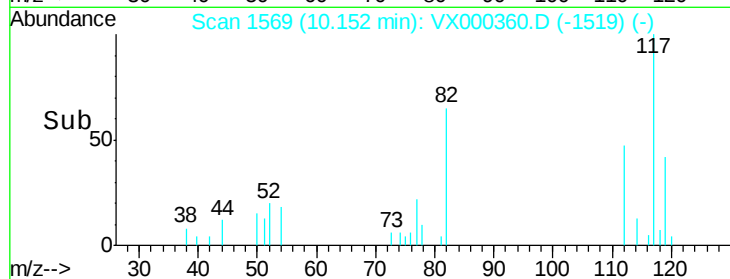
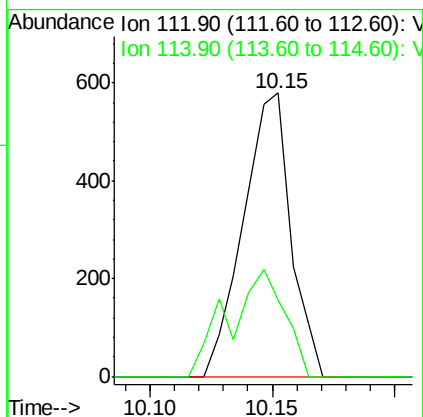
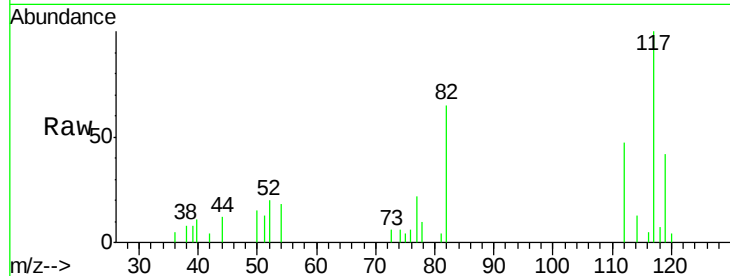




#65
Chlorobenzene
Concen: 0.21 ug/l
RT: 10.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

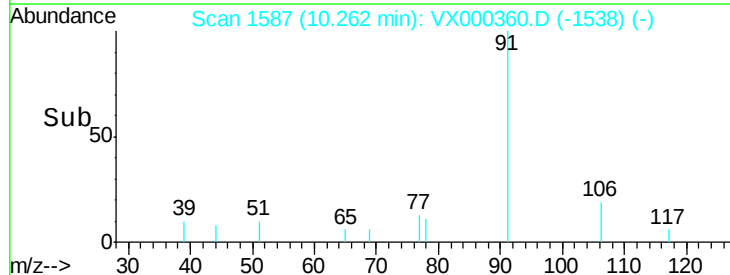
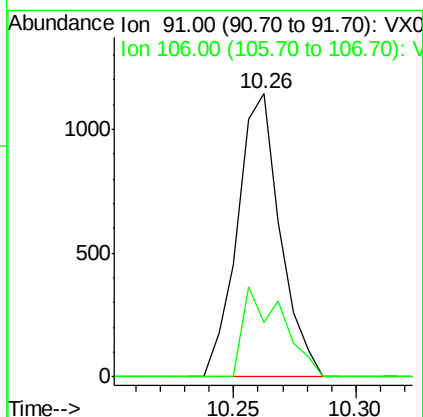
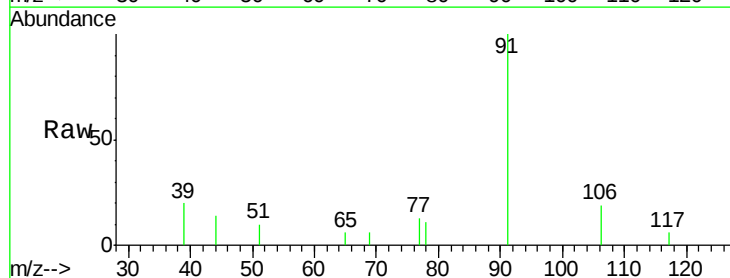
Instrument :
MSVOA_X
ClientSampleId :
I.BLK

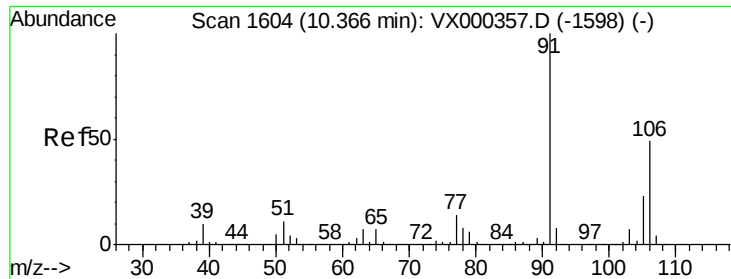
Tgt Ion: 112 Resp: 782
Ion Ratio Lower Upper
112 100
114 27.1 25.7 38.5



#67
Ethyl Benzene
Concen: 0.22 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Tgt Ion: 91 Resp: 1393
Ion Ratio Lower Upper
91 100
106 19.4 25.0 37.6#

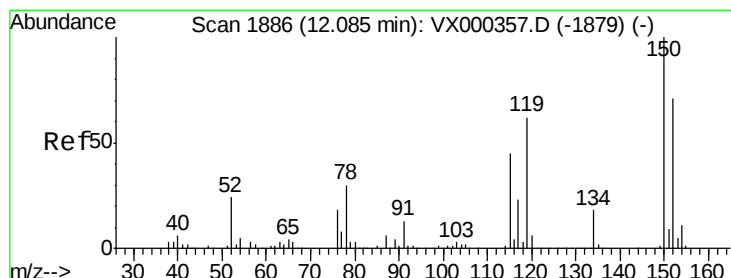
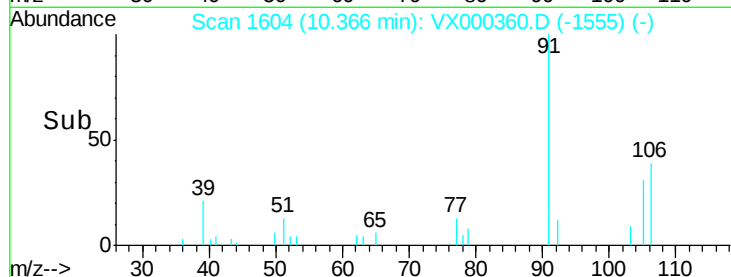
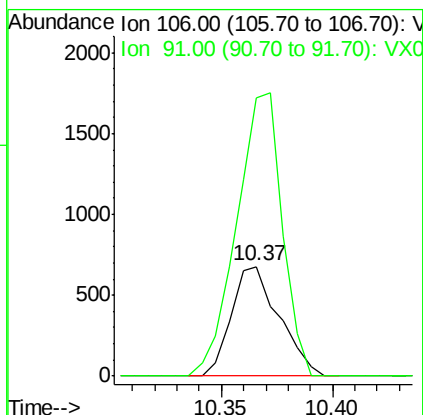
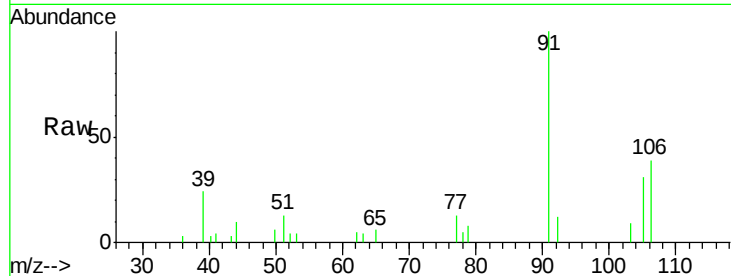




#68
m/p-Xylenes
Concen: 0.40 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

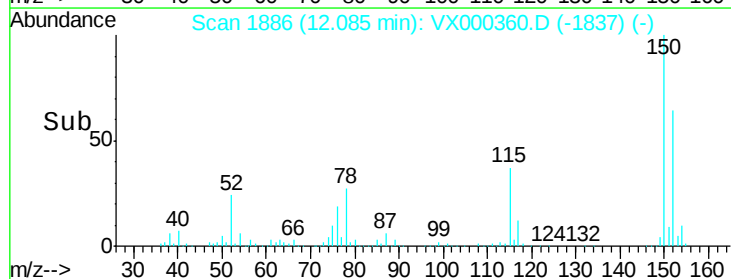
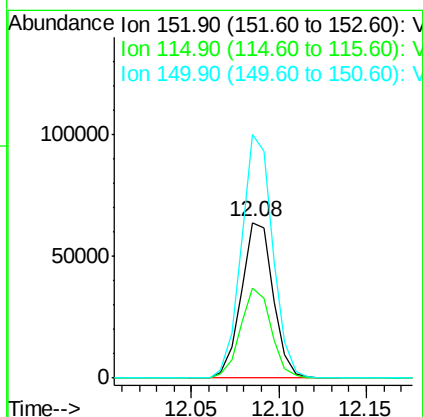
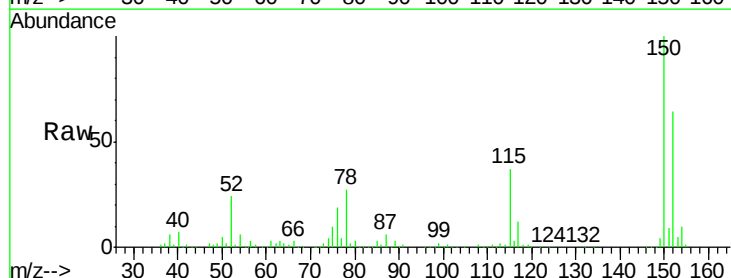
Instrument :
MSVOA_X
ClientSampled :
I.BLK

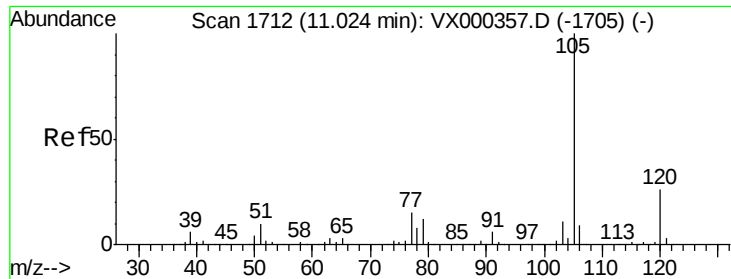
Tgt Ion:106 Resp: 1004
Ion Ratio Lower Upper
106 100
91 248.6 163.4 245.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Tgt Ion:152 Resp: 80593
Ion Ratio Lower Upper
152 100
115 55.8 39.8 119.3
150 154.0 0.0 344.4





#73

Isopropylbenzene

Concen: 0.23 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

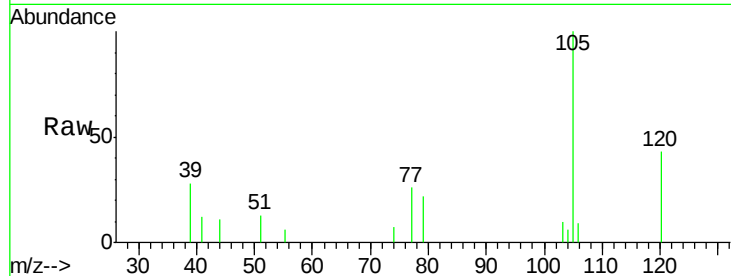
I.BLK

Tgt Ion: 105 Resp: 1240

Ion Ratio Lower Upper

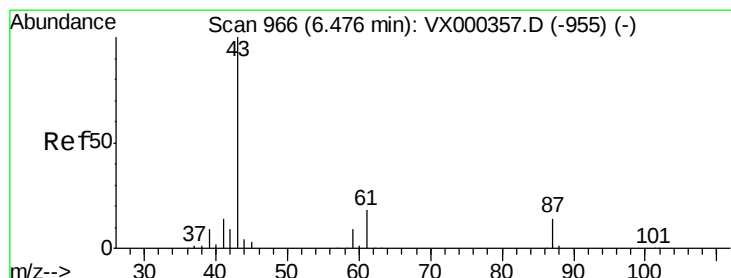
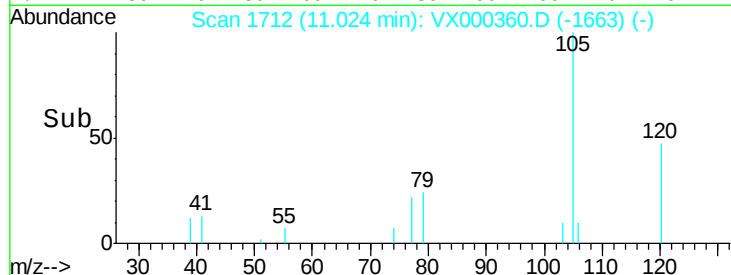
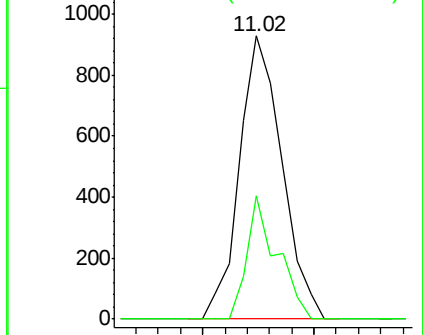
105 100

120 30.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.58 min Scan# 983

Delta R.T. 0.10 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Tgt Ion: 43 Resp: 25

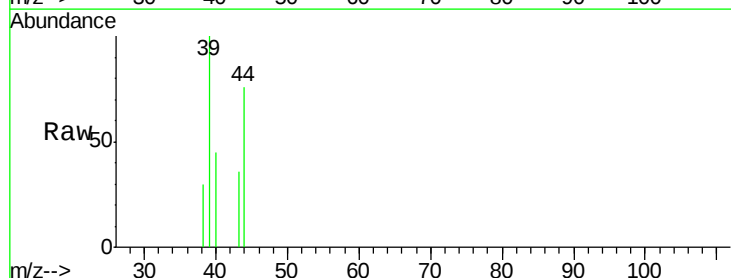
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

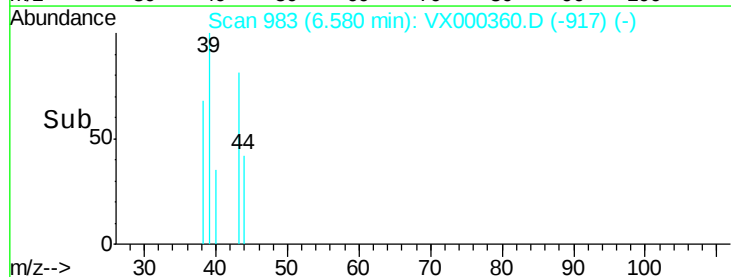
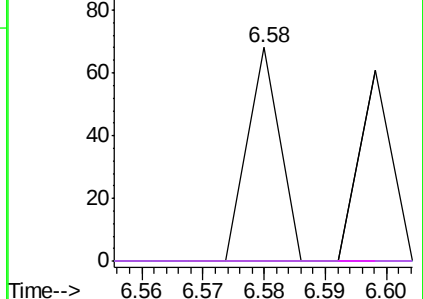


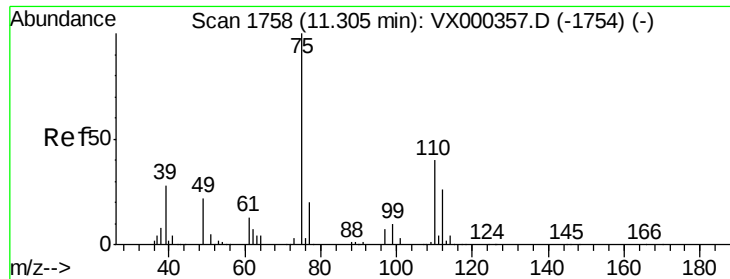
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

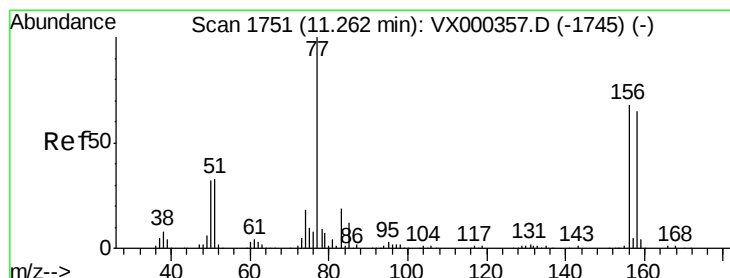
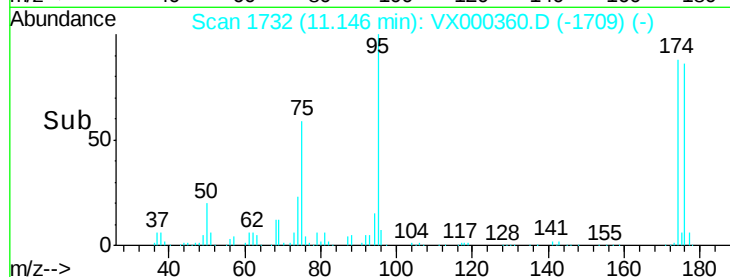
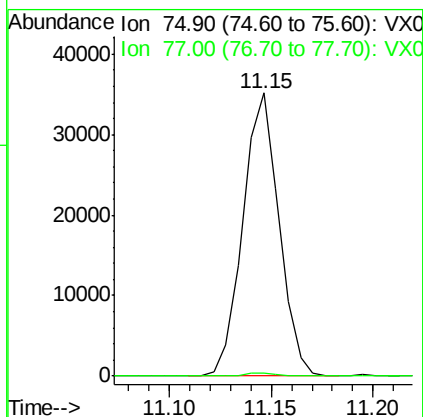
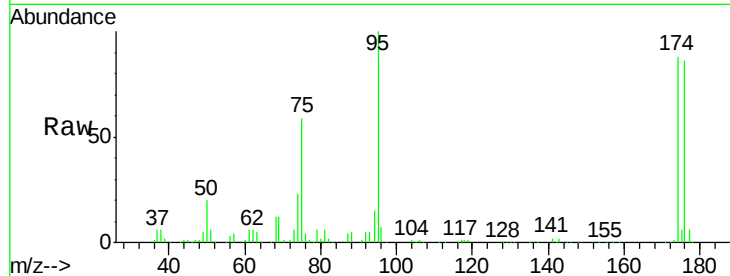




#76
 1,2,3-Trichloropropane
 Concen: 24.97 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

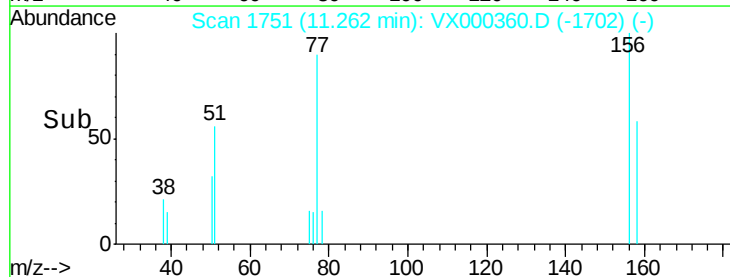
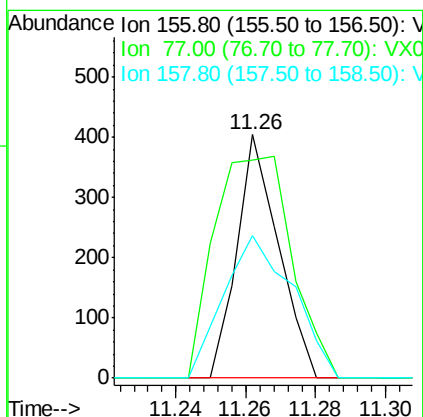
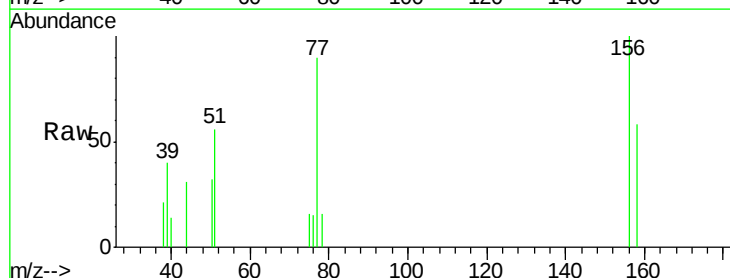
Instrument :
 MSVOA_X
 ClientSampled :
 I.BLK

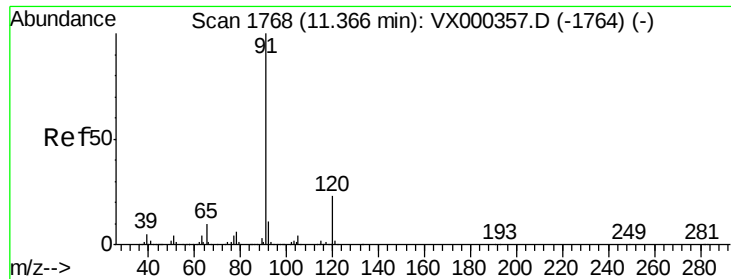
Tgt Ion: 75 Resp: 43244
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.4 64.2#



#77
 Bromobenzene
 Concen: 0.23 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Tgt Ion: 156 Resp: 333
 Ion Ratio Lower Upper
 156 100
 77 170.3 73.4 220.2
 158 97.0 48.5 145.6

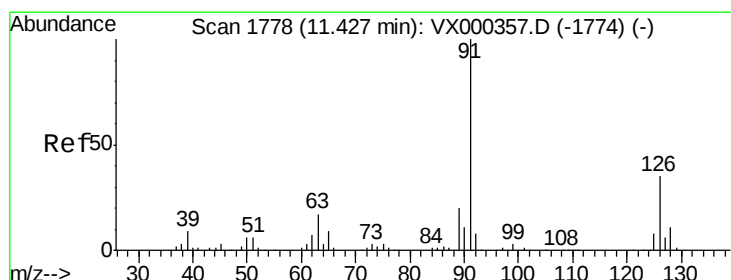
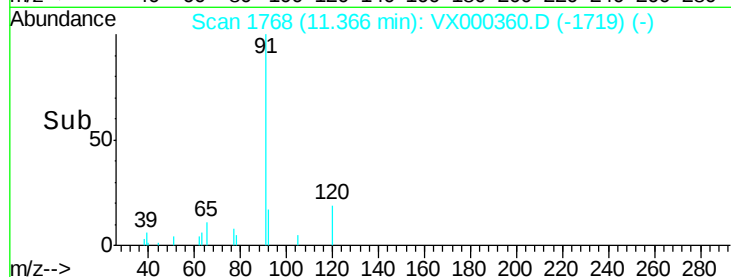
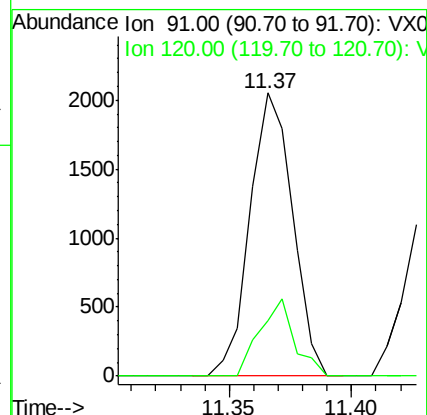
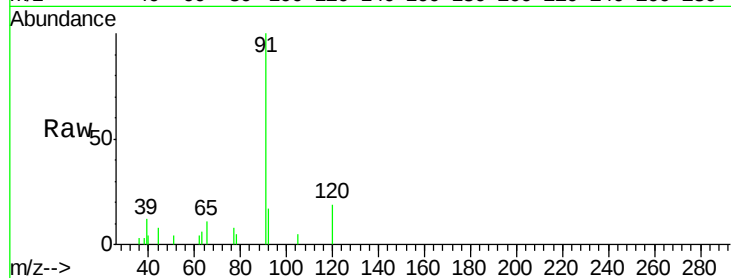




#78
n-propylbenzene
Concen: 0.39 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

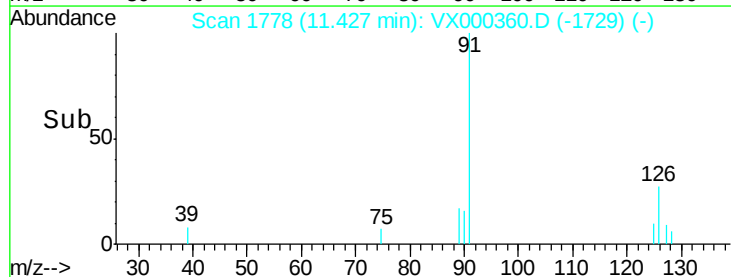
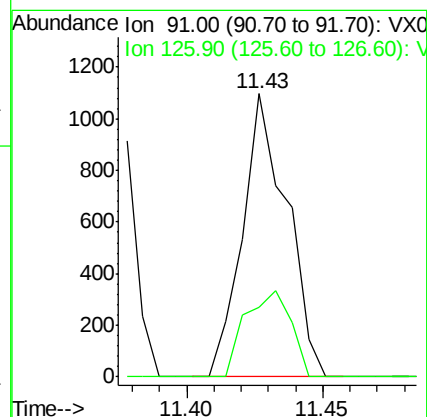
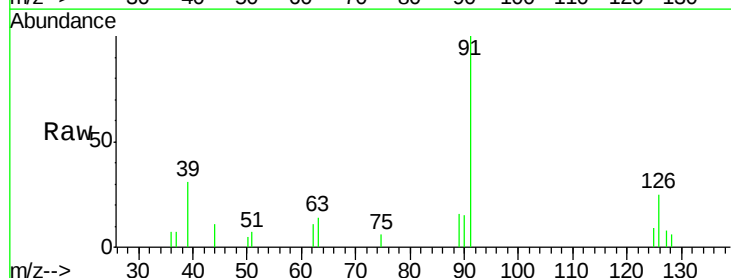
Instrument :
MSVOA_X
ClientSampled :
I.BLK

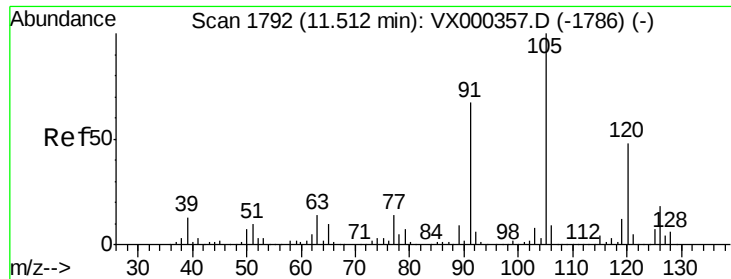
Tgt Ion: 91 Resp: 2499
Ion Ratio Lower Upper
91 100
120 22.2 11.8 35.3



#79
2-Chlorotoluene
Concen: 0.34 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Tgt Ion: 91 Resp: 1240
Ion Ratio Lower Upper
91 100
126 31.0 17.7 53.1

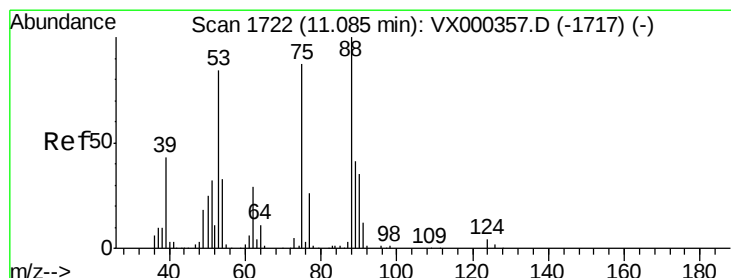
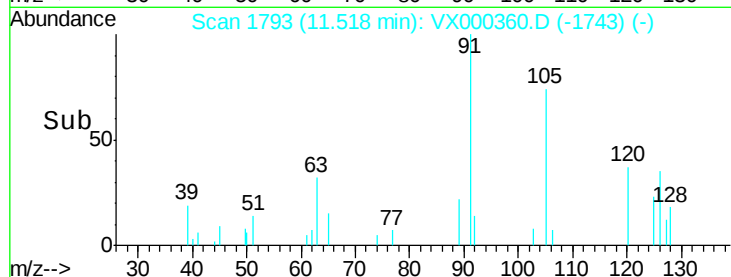
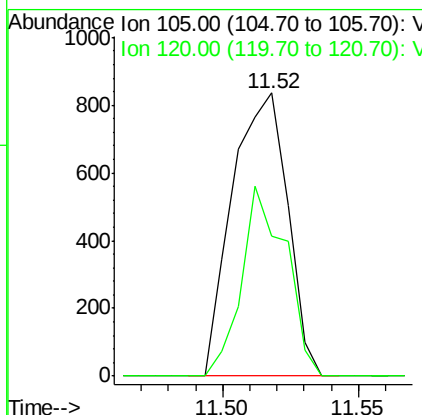
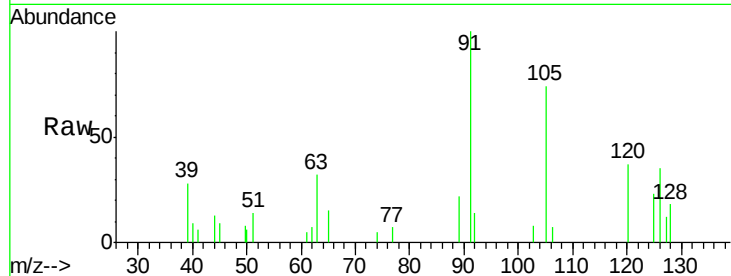




#80
 1,3,5-Trimethylbenzene
 Concen: 0.26 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

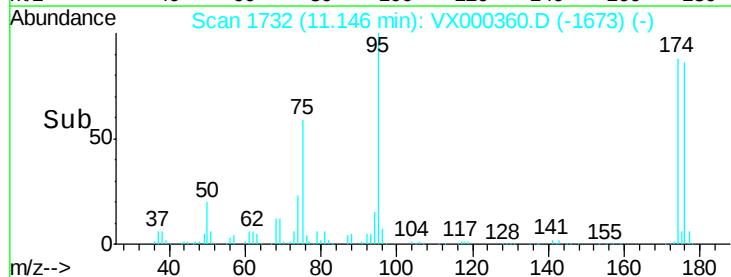
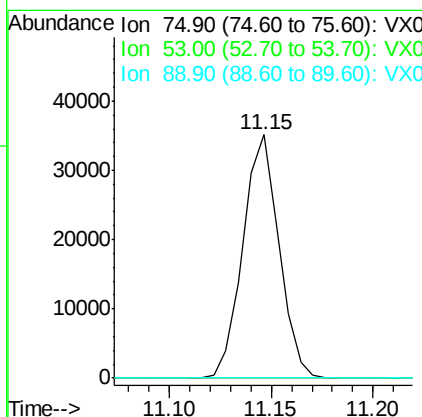
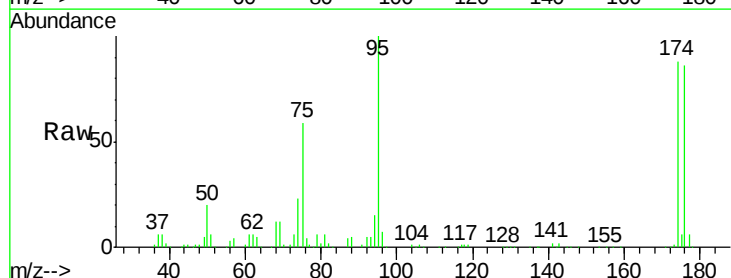
Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

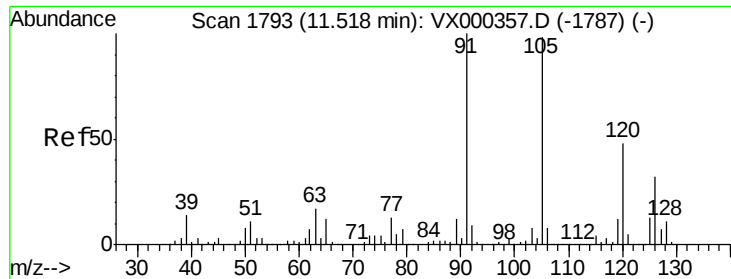
Tgt Ion: 105 Resp: 1179
 Ion Ratio Lower Upper
 105 100
 120 53.8 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.83 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Tgt Ion: 75 Resp: 43244
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.0 39.4 59.0#

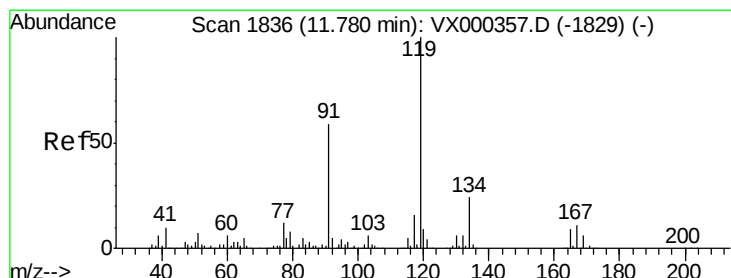
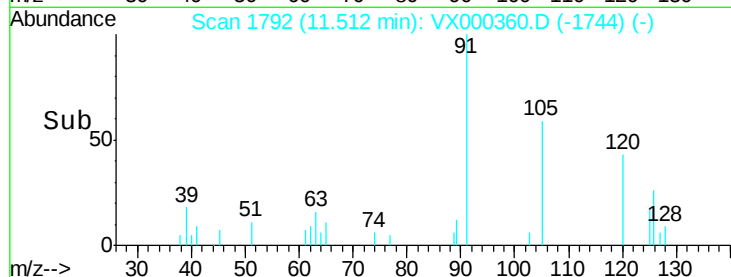
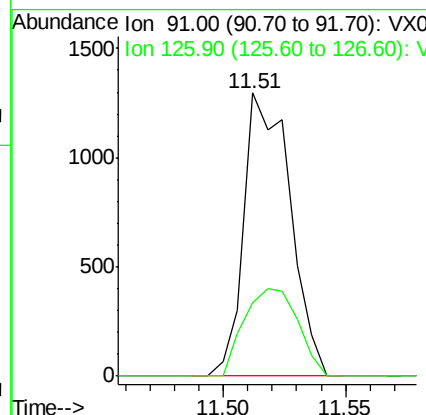
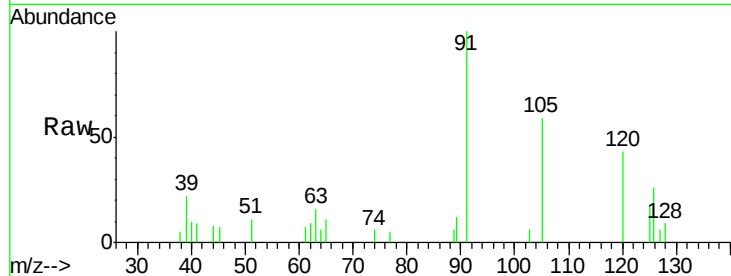




#82
4-Chlorotoluene
Concen: 0.39 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

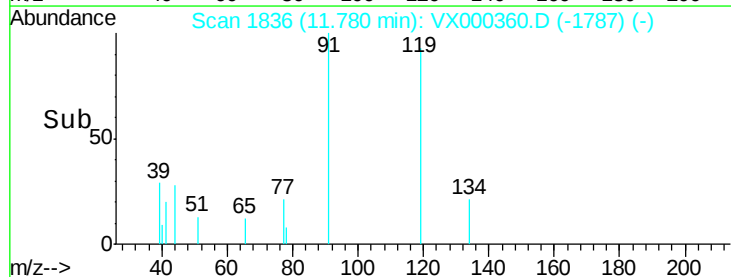
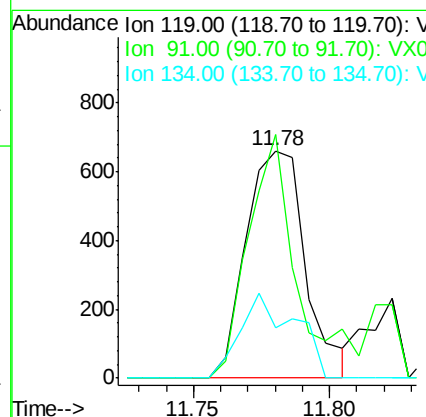
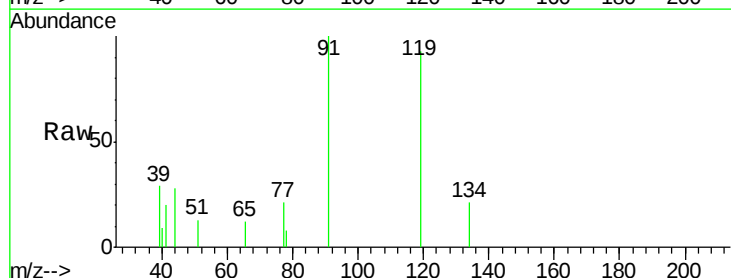
Instrument :
MSVOA_X
ClientSampled :
I.BLK

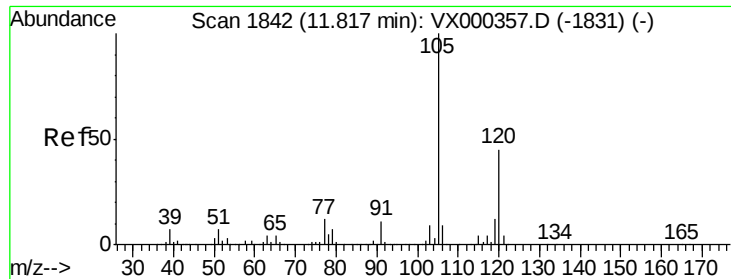
Tgt Ion: 91 Resp: 1701
Ion Ratio Lower Upper
91 100
126 36.0 15.4 46.1



#83
tert-Butylbenzene
Concen: 0.22 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000360.D
Acq: 20 Mar 2018 13:01

Tgt Ion: 119 Resp: 1000
Ion Ratio Lower Upper
119 100
91 80.7 28.8 86.4
134 34.2 11.4 34.1#

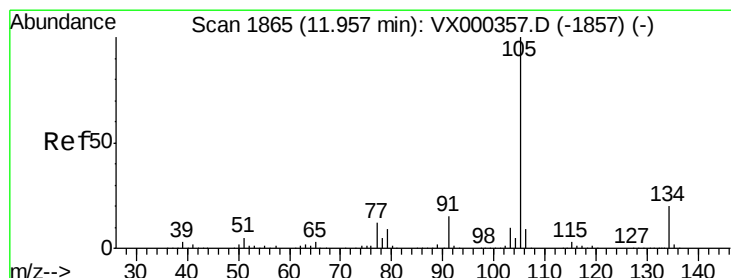
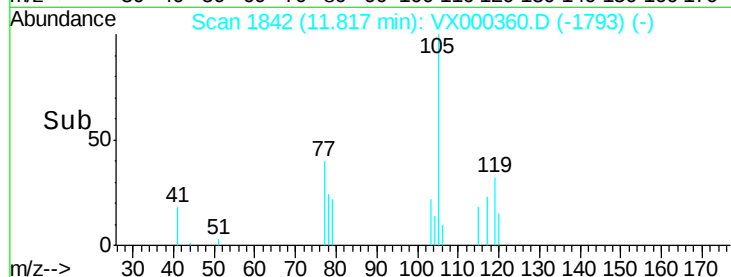
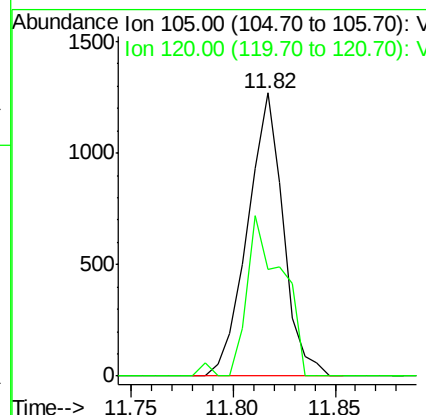
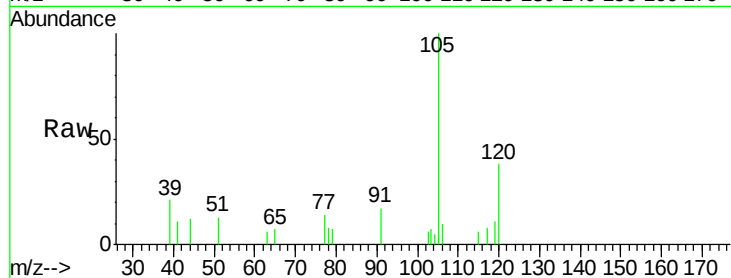




#84
 1,2,4-Trimethylbenzene
 Concen: 0.33 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

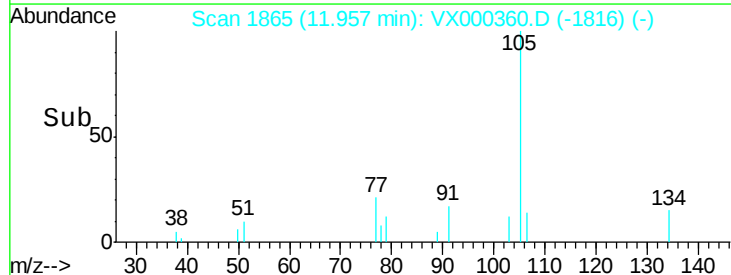
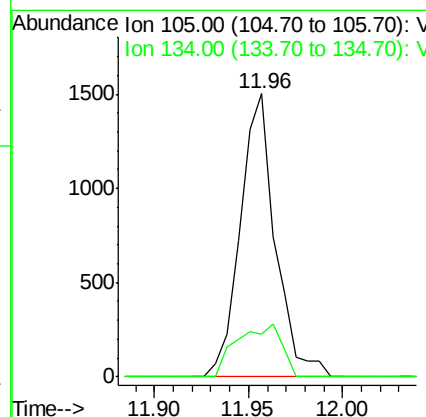
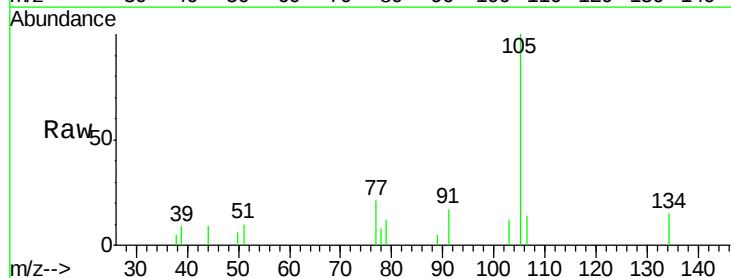
Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

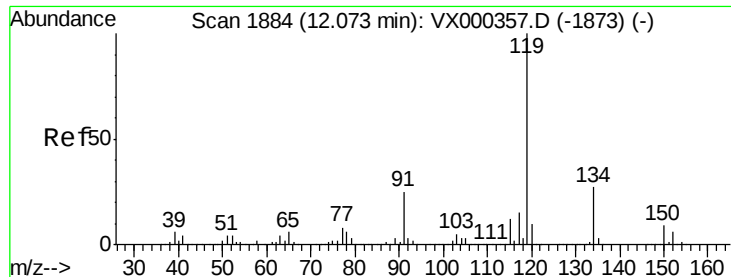
Tgt Ion:105 Resp: 1545
 Ion Ratio Lower Upper
 105 100
 120 56.2 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 0.35 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Tgt Ion:105 Resp: 1937
 Ion Ratio Lower Upper
 105 100
 134 23.4 10.3 30.8





#86

p-Isopropyltoluene

Concen: 0.41 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

I.BLK

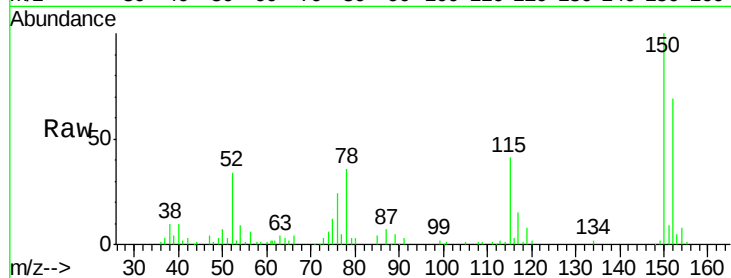
Tgt Ion:119 Resp: 2019

Ion Ratio Lower Upper

119 100

134 33.3 13.3 39.9

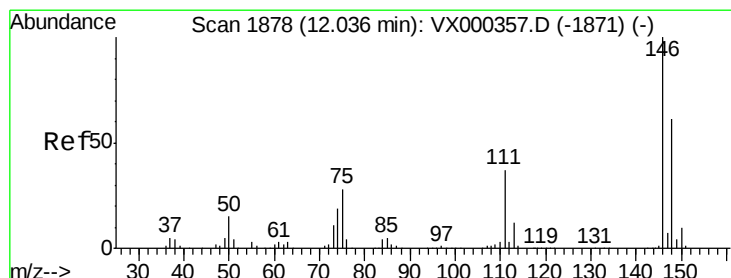
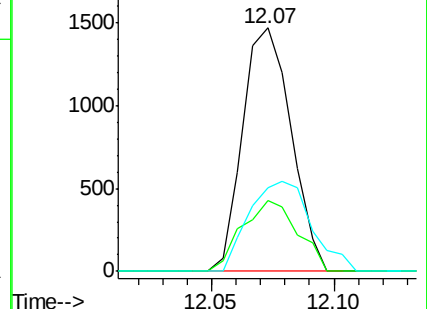
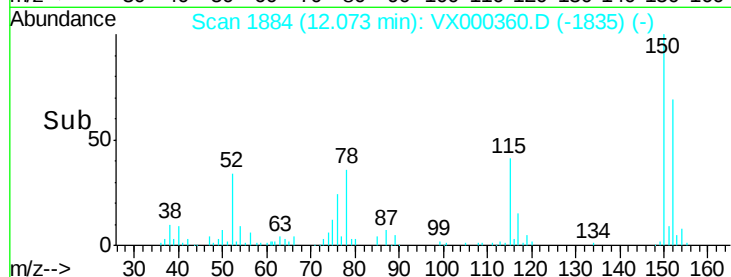
91 47.7 12.0 36.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 0.54 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

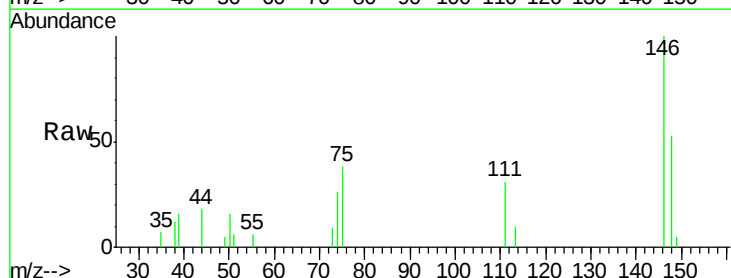
Tgt Ion:146 Resp: 1457

Ion Ratio Lower Upper

146 100

111 29.4 19.5 58.5

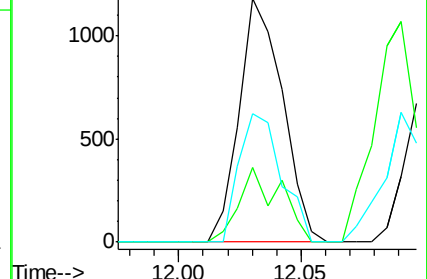
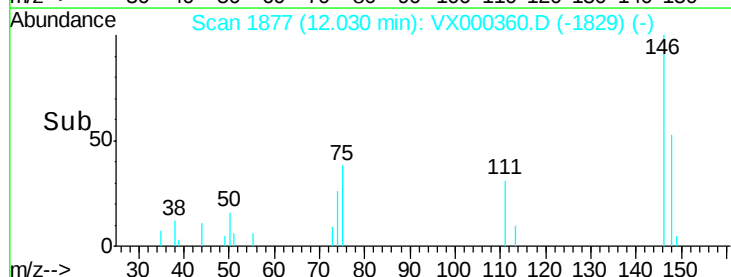
148 51.8 32.4 97.0

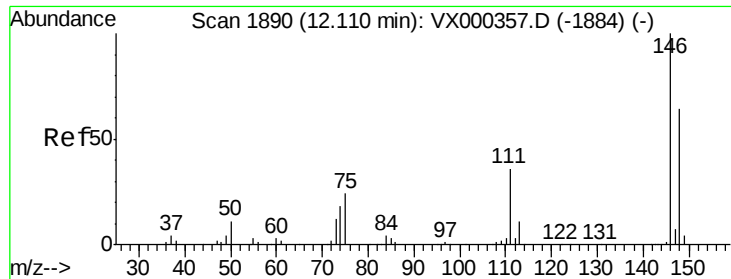


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

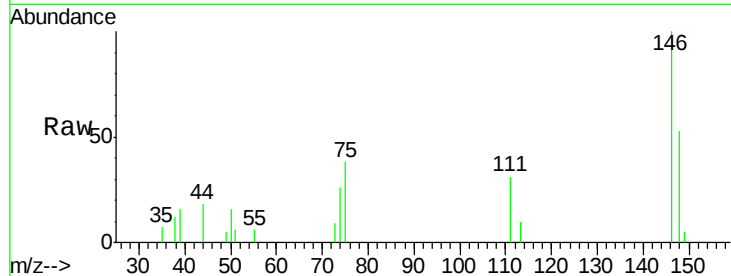




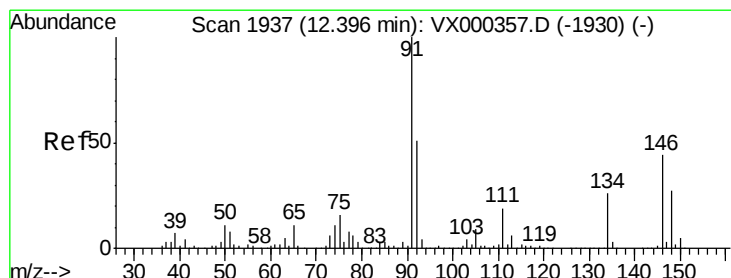
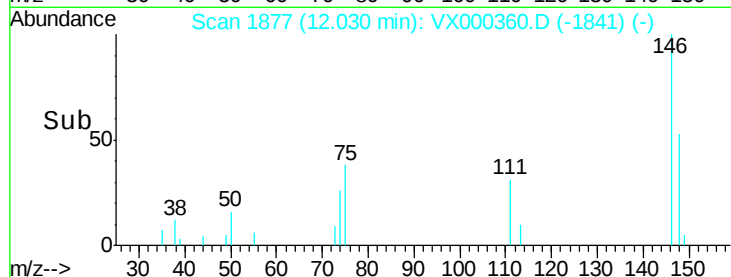
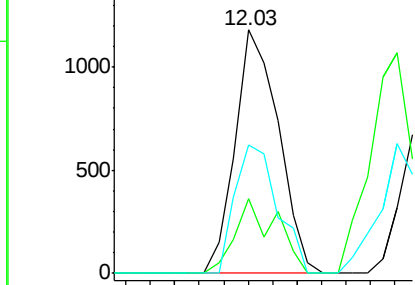
#88
 1,4-Dichlorobenzene
 Concen: 0.52 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.08 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

Tgt Ion: 146 Resp: 1457
 Ion Ratio Lower Upper
 146 100
 111 29.4 18.9 56.9
 148 51.8 31.0 93.0

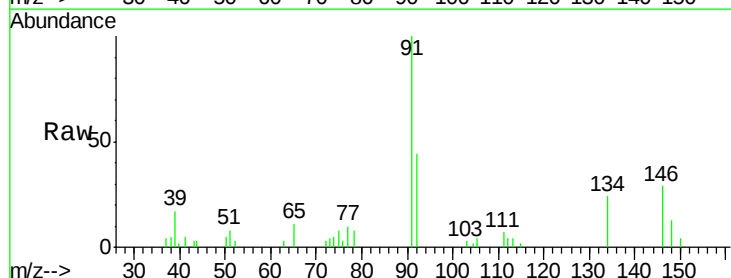


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

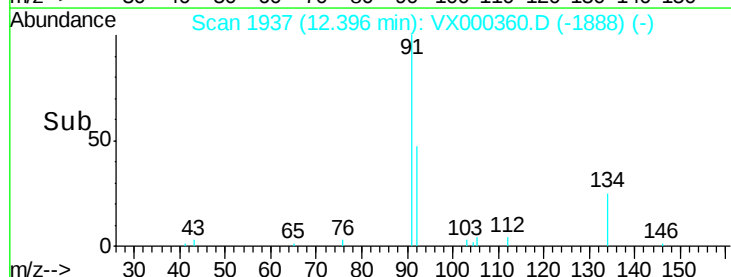
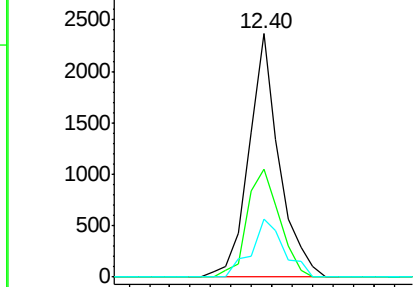


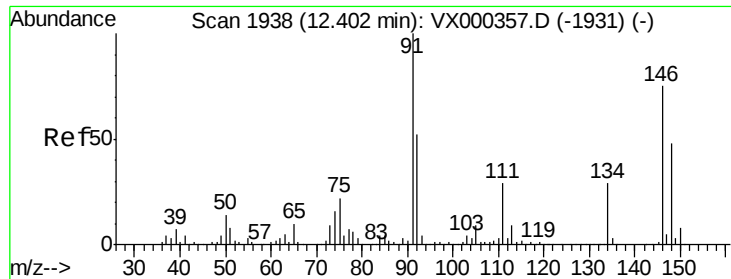
#89
 n-Butylbenzene
 Concen: 0.53 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Tgt Ion: 91 Resp: 2438
 Ion Ratio Lower Upper
 91 100
 92 47.1 25.9 77.8
 134 25.9 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

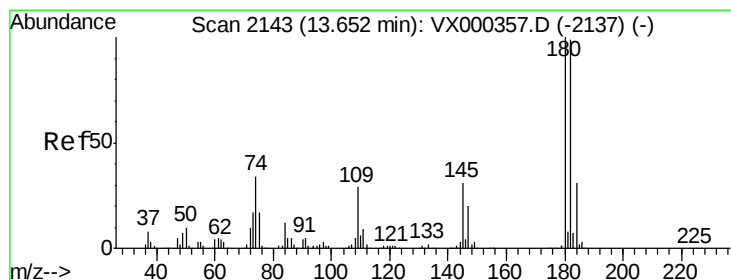
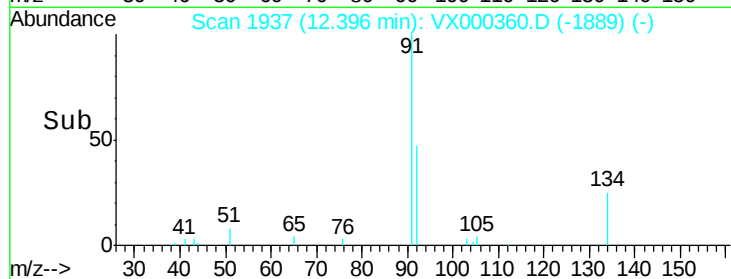
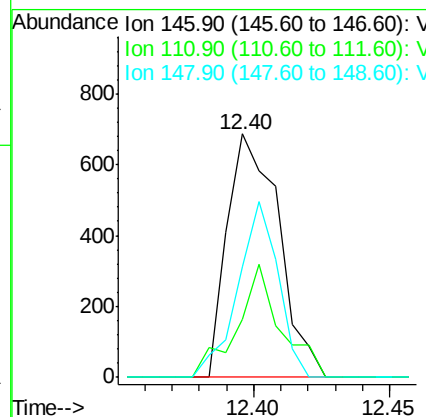
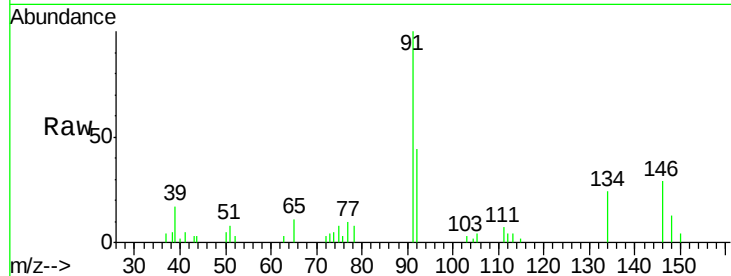




#91
 1,2-Dichlorobenzene
 Concen: 0.34 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

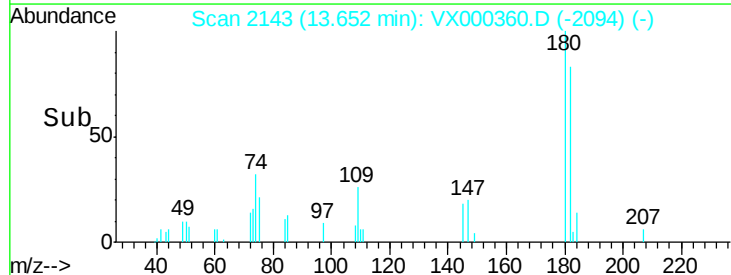
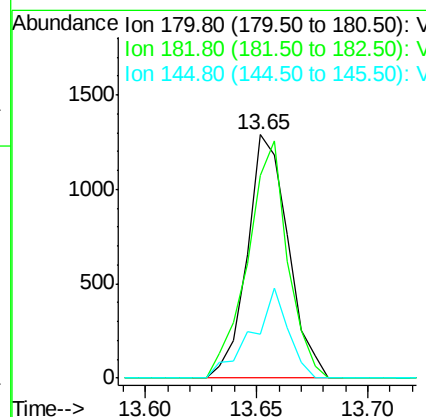
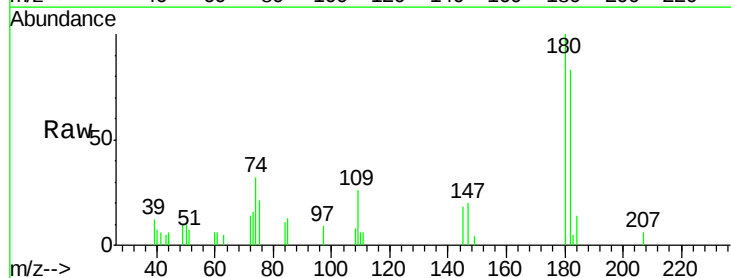
Instrument :
 MSVOA_X
 ClientSampled :
 I.BLK

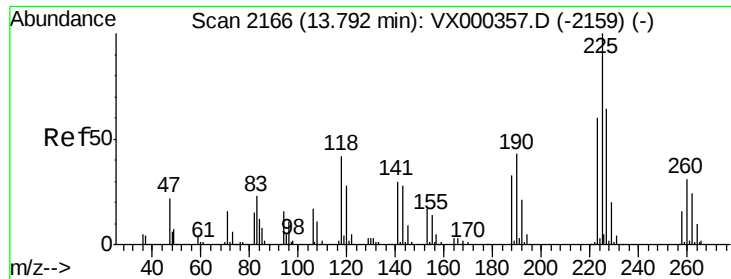
Tgt Ion:146 Resp: 897
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.1 60.2
 148 56.6 31.2 93.6



#93
 1,2,4-Trichlorobenzene
 Concen: 0.87 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Tgt Ion:180 Resp: 1652
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.6 142.9
 145 32.4 15.1 45.3





#94

Hexachlorobutadiene

Concen: 0.67 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.01 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

I.BLK

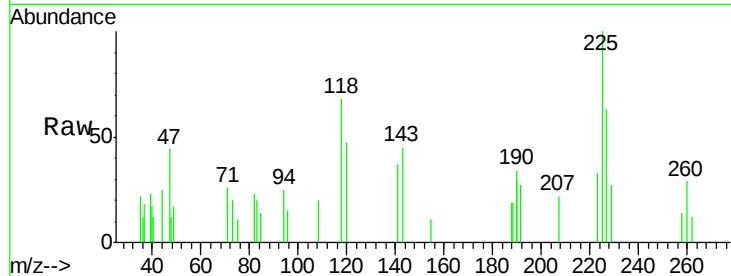
Tgt Ion:225 Resp: 522

Ion Ratio Lower Upper

225 100

223 65.1 32.0 96.0

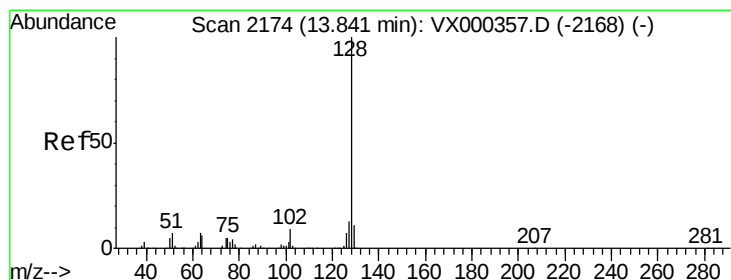
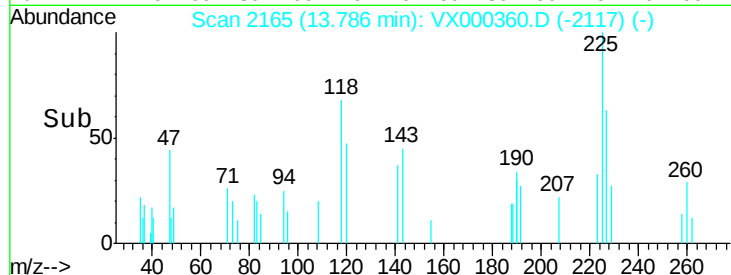
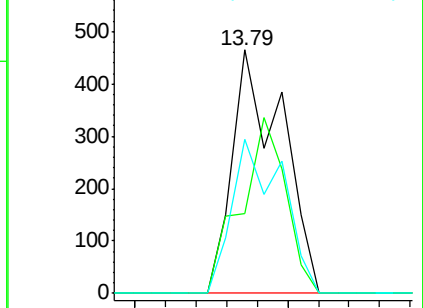
227 64.0 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.50 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000360.D

Acq: 20 Mar 2018 13:01

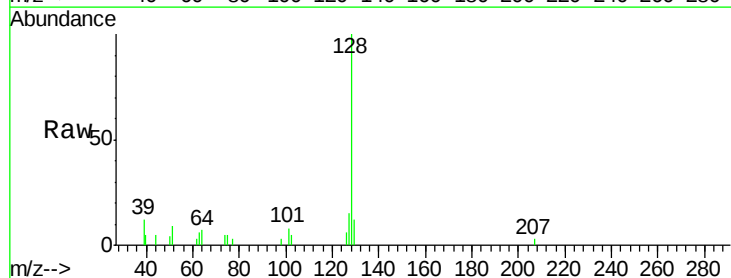
Tgt Ion:128 Resp: 3301

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

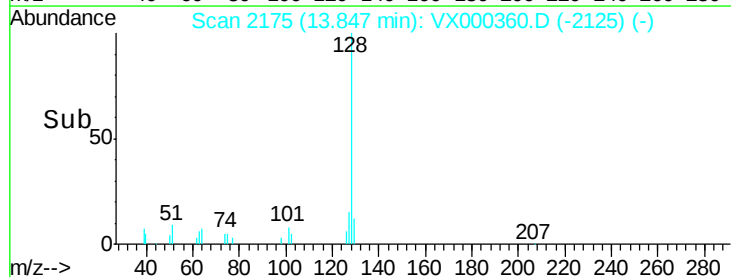
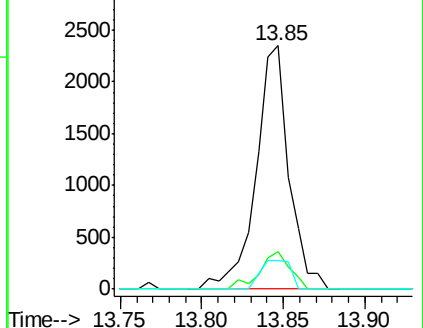
129 10.8 8.9 13.3

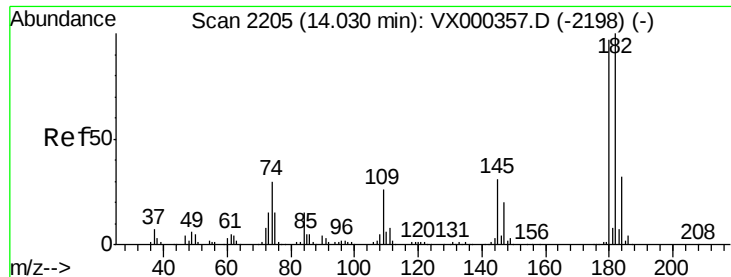


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

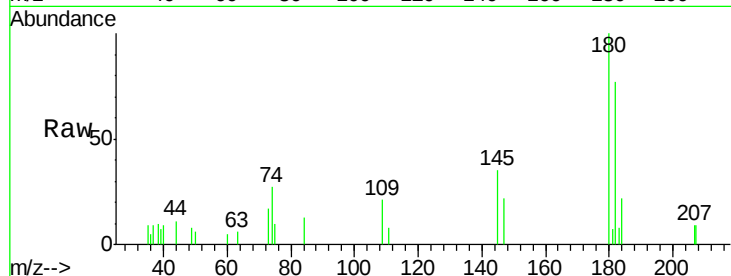




#96
 1,2,3-Trichlorobenzene
 Concen: 0.77 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VX000360.D
 Acq: 20 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

Tgt Ion	Resp	Lower	Upper
180	100		
182	90.0	47.4	142.3
145	35.3	15.8	47.3



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

