

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
 Data File : VX000646.D
 Acq On : 02 Apr 2018 18:58
 Operator : JC/MD
 Sample : VV0402WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS02

Quant Time: Apr 03 02:42:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	139162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	221342	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	153953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	80735	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
35) Dibromofluoromethane	5.51	113	63443	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
50) Toluene-d8	8.72	98	258715	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
62) 4-Bromofluorobenzene	11.15	95	103928	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26932	17.56	ug/l	98
3) Chloromethane	1.32	50	26578	16.45	ug/l	99
4) Vinyl Chloride	1.41	62	34912	20.45	ug/l	97
5) Bromomethane	1.65	94	28307	13.88	ug/l	92
6) Chloroethane	1.73	64	23024	23.76	ug/l	97
7) Trichlorofluoromethane	1.93	101	62996	20.44	ug/l	100
8) Diethyl Ether	2.19	74	22404	20.34	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36154	21.04	ug/l	96
10) Methyl Iodide	2.51	142	18850	14.40	ug/l	99
11) Tert butyl alcohol	3.07	59	57857	92.59	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30185	20.01	ug/l	97
13) Acrolein	2.29	56	29962	156.00	ug/l	96
14) Allyl chloride	2.73	41	53899	20.17	ug/l	99
15) Acrylonitrile	3.15	53	123937	97.93	ug/l	99
16) Acetone	2.45	43	148823	98.48	ug/l	98
17) Carbon Disulfide	2.57	76	72709	18.13	ug/l	99
18) Methyl Acetate	2.78	43	62400	19.70	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	113891	20.42	ug/l	97
20) Methylene Chloride	2.86	84	37870	21.70	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32563	19.35	ug/l	96
22) Diisopropyl ether	3.88	45	76768	16.28	ug/l	96
23) Vinyl Acetate	3.83	43	446034	99.78	ug/l	98
24) 1,1-Dichloroethane	3.70	63	58417	19.70	ug/l	96
25) 2-Butanone	4.71	43	144480	85.06	ug/l	100
26) 2,2-Dichloropropane	4.59	77	37040	17.83	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	27656	17.59	ug/l	98
28) Bromochloromethane	5.03	49	22046	18.03	ug/l	94
29) Tetrahydrofuran	5.18	42	88072	84.27	ug/l	98
30) Chloroform	5.23	83	51307	18.47	ug/l	94
31) Cyclohexane	5.58	56	39833	17.38	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	44656	17.82	ug/l	98
36) 1,1-Dichloropropene	5.81	75	36303	17.51	ug/l	97
37) Ethyl Acetate	4.87	43	50955	17.99	ug/l	98
38) Carbon Tetrachloride	5.79	117	37362	17.18	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
 Data File : VX000646.D
 Acq On : 02 Apr 2018 18:58
 Operator : JC/MD
 Sample : VV0402WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS02

Quant Time: Apr 03 02:42:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	46870	18.59	ug/l	98
40) Benzene	6.15	78	109905	18.25	ug/l	98
41) Methacrylonitrile	5.07	41	25696	17.21	ug/l	97
42) 1,2-Dichloroethane	6.21	62	43985	18.62	ug/l	96
43) Isopropyl Acetate	6.48	43	76955	18.25	ug/l	98
44) Trichloroethene	7.22	130	31966	18.53	ug/l	96
45) 1,2-Dichloropropane	7.53	63	30444	19.75	ug/l	99
46) Dibromomethane	7.67	93	22656	18.73	ug/l	98
47) Bromodichloromethane	7.91	83	41178	19.35	ug/l	100
48) Methyl methacrylate	7.79	41	38230	18.68	ug/l	98
49) 1,4-Dioxane	7.76	88	13526	314.41	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	306121	93.81	ug/l	99
52) Toluene	8.79	92	79923	18.99	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	47269	19.17	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	47684	19.93	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	33123	19.14	ug/l	98
56) Ethyl methacrylate	9.19	69	50071	19.09	ug/l	99
57) 1,3-Dichloropropane	9.38	76	54987	19.86	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	94726	75.25	ug/l	100
59) 2-Hexanone	9.51	43	260194	93.91	ug/l	100
60) Dibromochloromethane	9.59	129	34354	19.51	ug/l	94
61) 1,2-Dibromoethane	9.68	107	35878	19.33	ug/l	99
64) Tetrachloroethene	9.34	164	29529	15.76	ug/l	95
65) Chlorobenzene	10.15	112	97811	18.20	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	33443	18.33	ug/l	99
67) Ethyl Benzene	10.26	91	167511	18.39	ug/l	99
68) m/p-Xylenes	10.37	106	130635	36.45	ug/l	99
69) o-Xylene	10.71	106	63712	18.36	ug/l	98
70) Styrene	10.72	104	107251	18.68	ug/l	99
71) Bromoform	10.87	173	28160	18.17	ug/l #	95
73) Isopropylbenzene	11.02	105	175073	17.16	ug/l	100
74) N-amyl acetate	6.48	43	76955	15.00	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	64107	17.77	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	70570	21.33	ug/l	84
77) Bromobenzene	11.26	156	45140	16.61	ug/l	98
78) n-propylbenzene	11.37	91	213295	17.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	120524	17.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	154631	18.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16669	16.31	ug/l	95
82) 4-Chlorotoluene	11.52	91	150590	17.95	ug/l	99
83) tert-Butylbenzene	11.78	119	155442	17.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	160308	17.83	ug/l	99
85) sec-Butylbenzene	11.95	105	195355	18.25	ug/l	99
86) p-Isopropyltoluene	12.07	119	173522	18.25	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	91785	17.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94158	17.46	ug/l	96
89) n-Butylbenzene	12.40	91	170771	19.29	ug/l	98
90) Hexachloroethane	12.60	117	27264	18.22	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	92338	18.33	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16836	16.73	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
Data File : VX000646.D
Acq On : 02 Apr 2018 18:58
Operator : JC/MD
Sample : VV0402WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

Quant Time: Apr 03 02:42:56 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

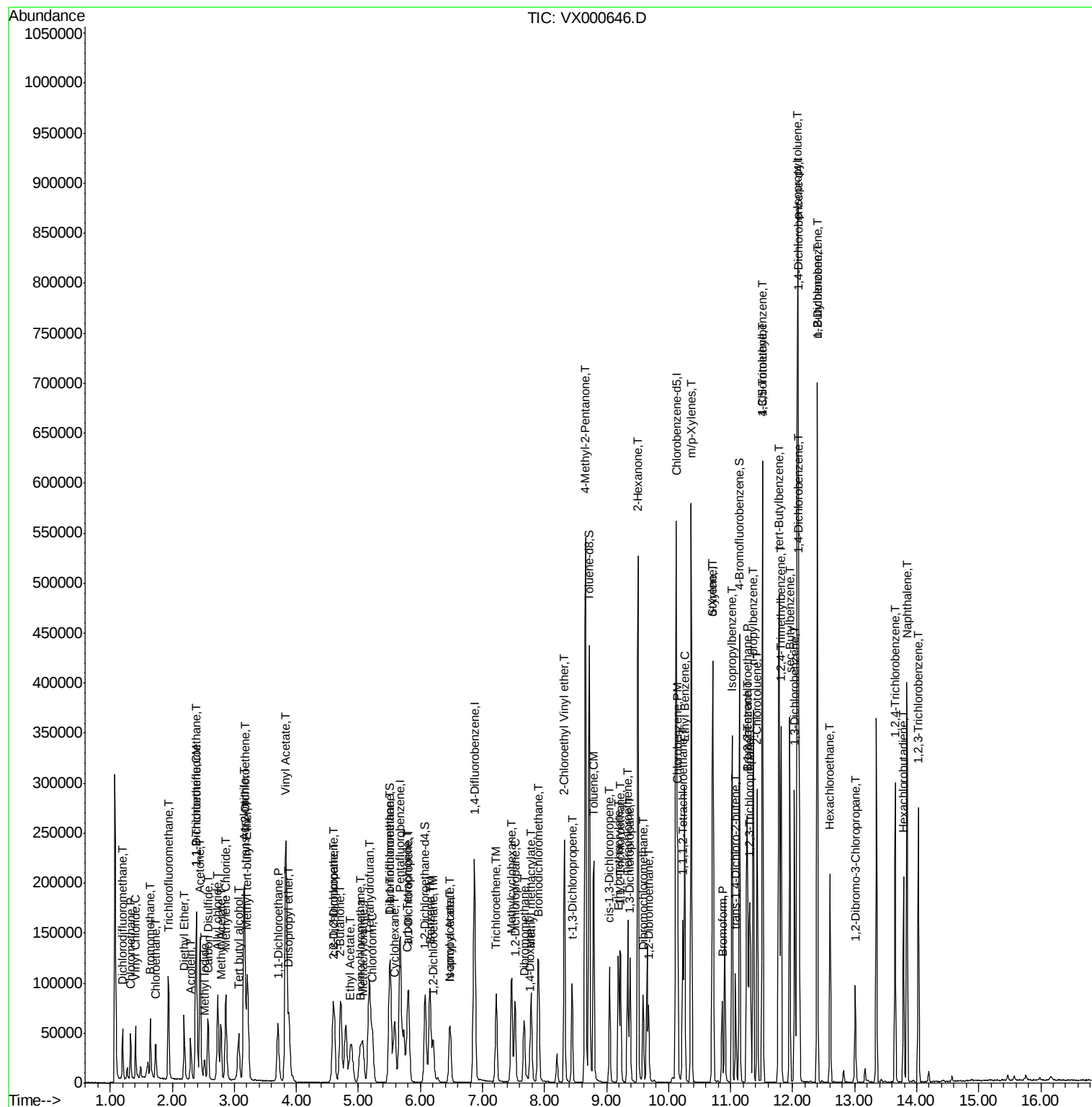
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66411	18.39	ug/l	99
94) Hexachlorobutadiene	13.79	225	27421	18.34	ug/l	96
95) Naphthalene	13.84	128	227711	18.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	66947	18.76	ug/l	99

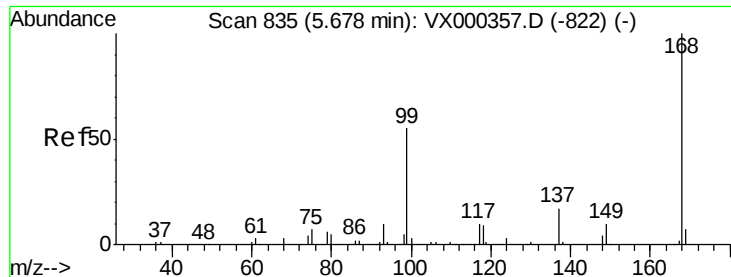
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
Data File : VX000646.D
Acq On : 02 Apr 2018 18:58
Operator : JC/MD
Sample : VV0402WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

Quant Time: Apr 03 02:42:56 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

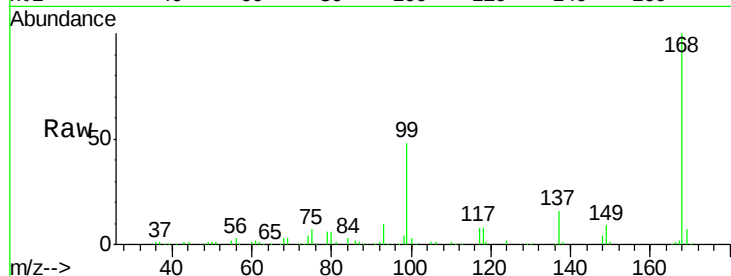
VX0402WBS02

Tgt Ion:168 Resp: 139162

Ion Ratio Lower Upper

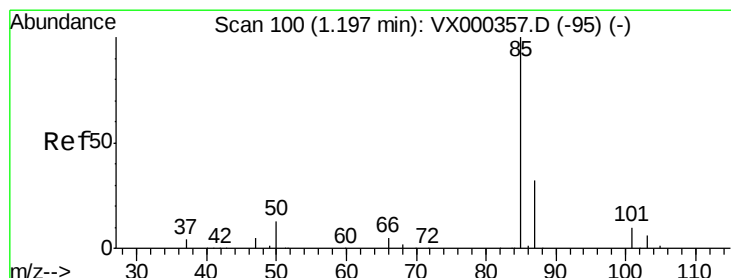
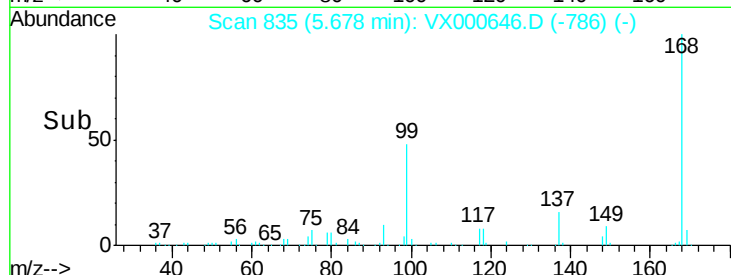
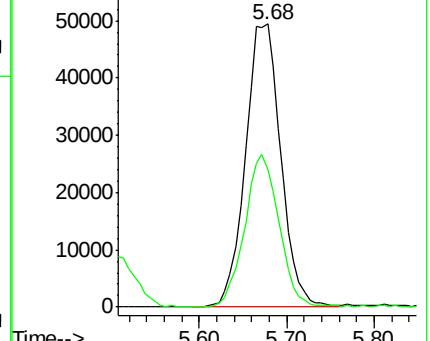
168 100

99 48.4 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: 17.56 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000646.D

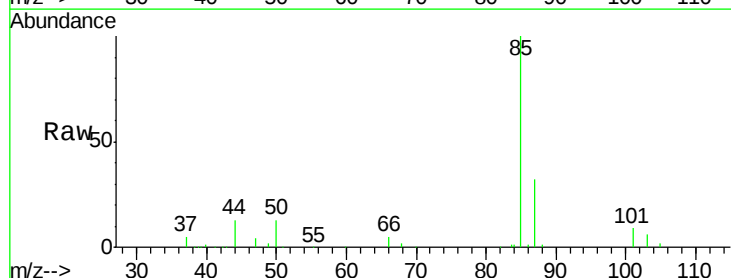
Acq: 02 Apr 2018 18:58

Tgt Ion: 85 Resp: 26932

Ion Ratio Lower Upper

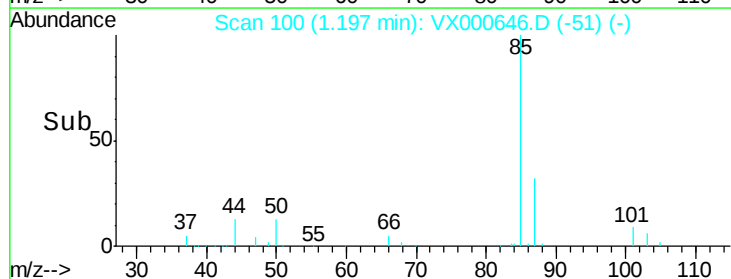
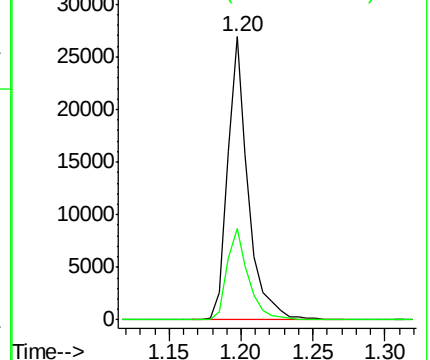
85 100

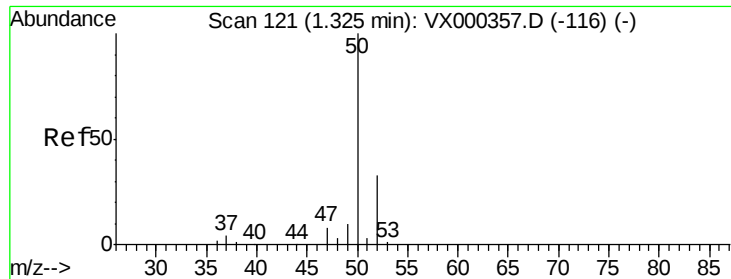
87 32.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

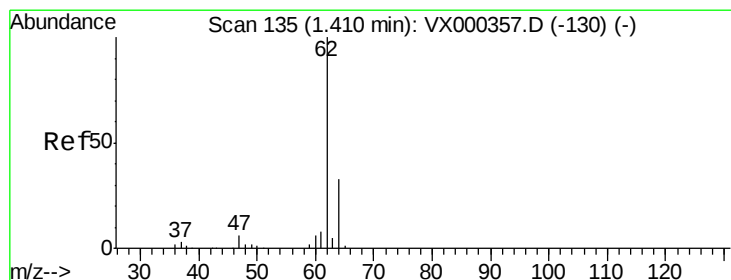
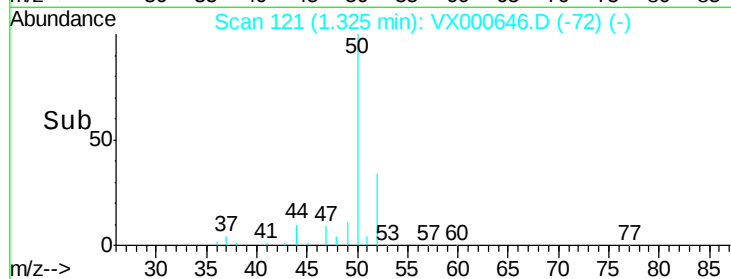
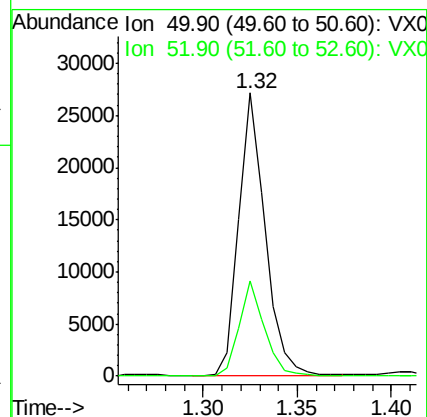
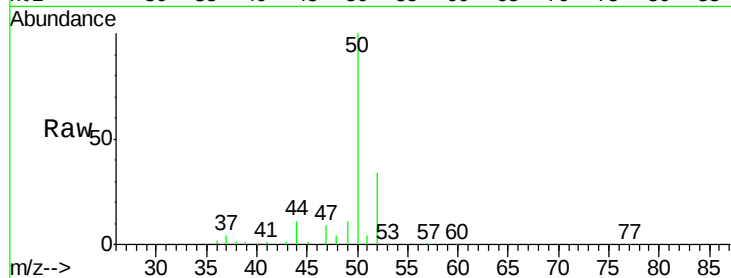




#3
Chloromethane
Concen: 16.45 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

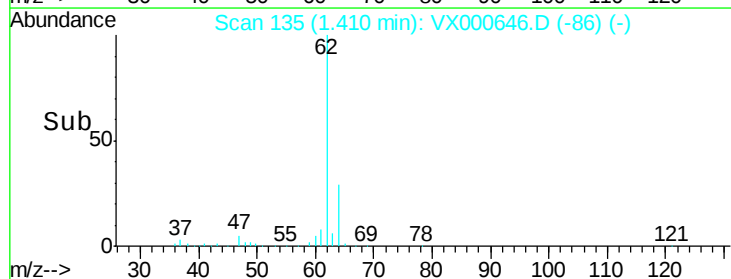
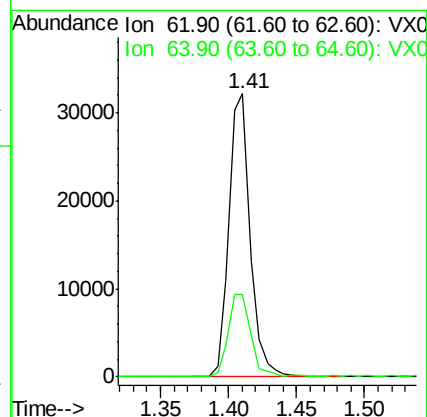
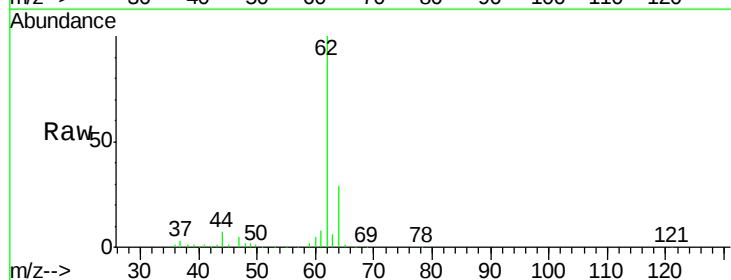
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

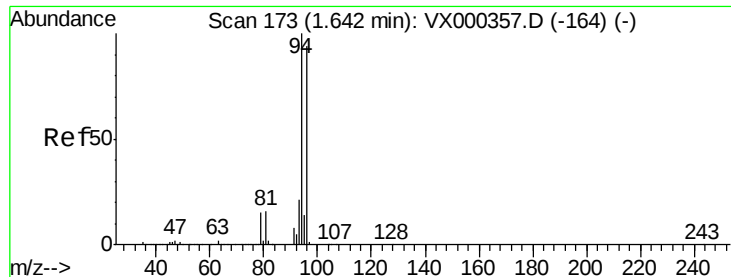
Tgt Ion: 50 Resp: 26578
Ion Ratio Lower Upper
50 100
52 33.9 27.5 41.3



#4
Vinyl Chloride
Concen: 20.45 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 62 Resp: 34912
Ion Ratio Lower Upper
62 100
64 29.1 24.8 37.2





#5

Bromomethane

Concen: 13.88 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

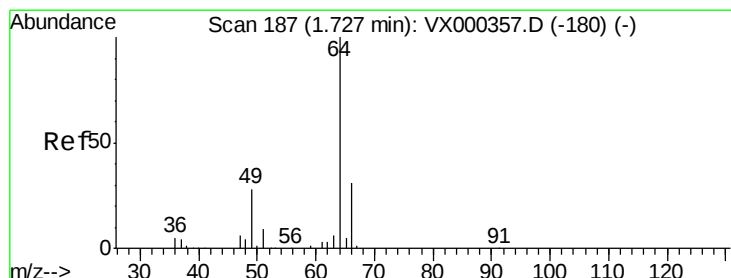
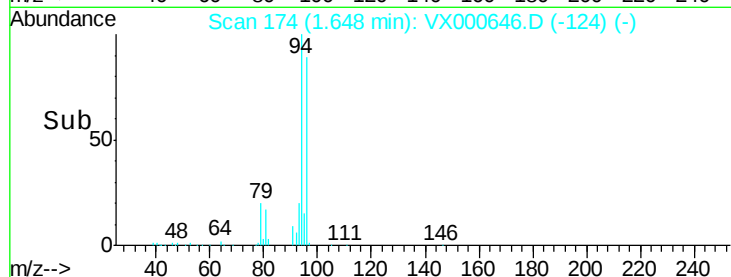
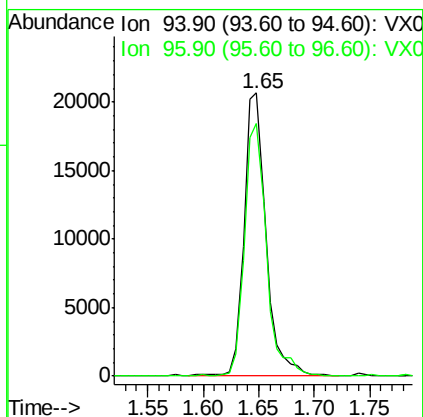
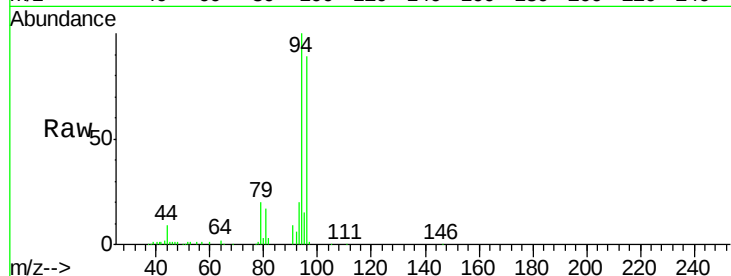
VX0402WBS02

Tgt Ion: 94 Resp: 28307

Ion Ratio Lower Upper

94 100

96 89.2 77.7 116.5



#6

Chloroethane

Concen: 23.76 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000646.D

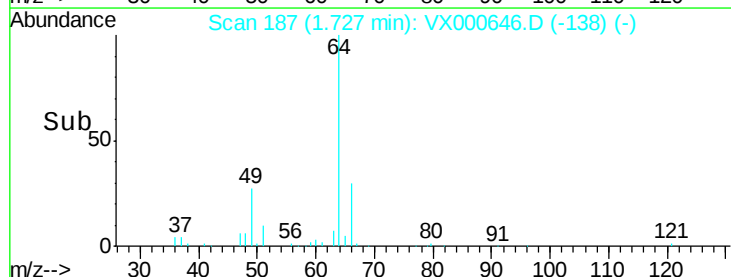
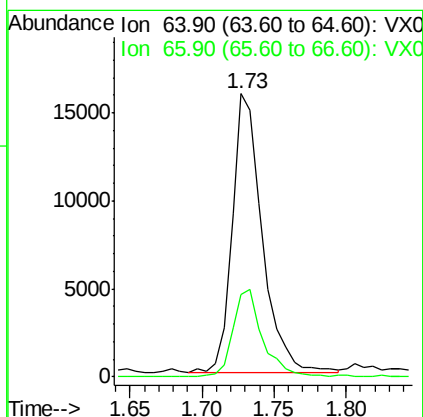
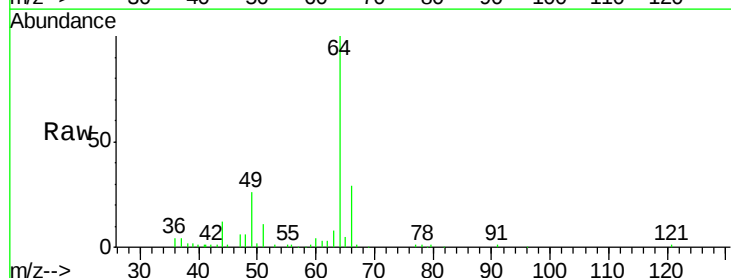
Acq: 02 Apr 2018 18:58

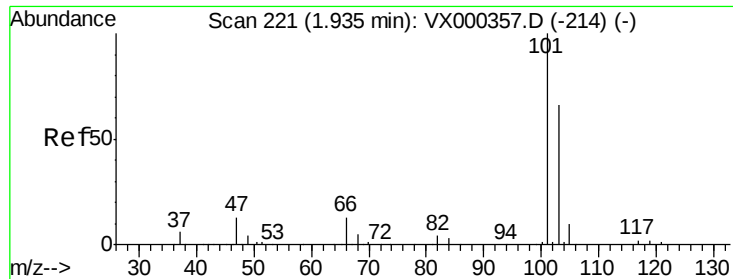
Tgt Ion: 64 Resp: 23024

Ion Ratio Lower Upper

64 100

66 29.5 24.8 37.2



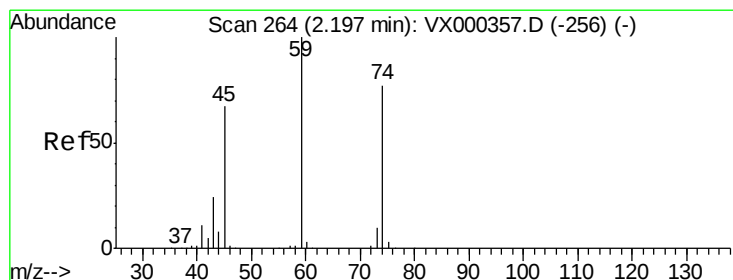
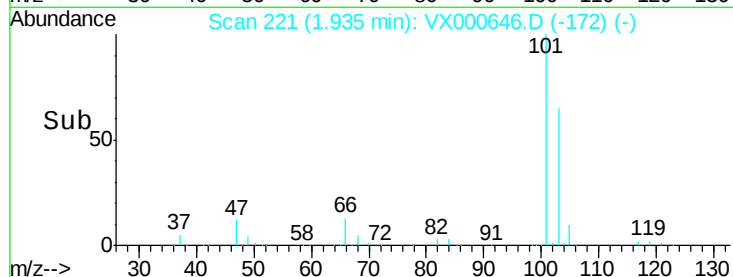
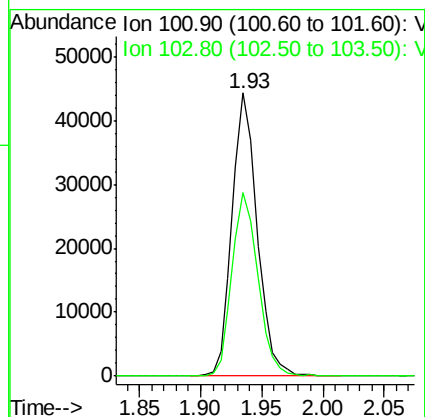
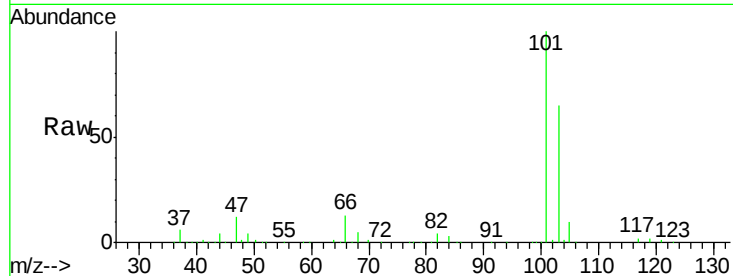


#7

Trichlorofluoromethane
Concen: 20.44 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

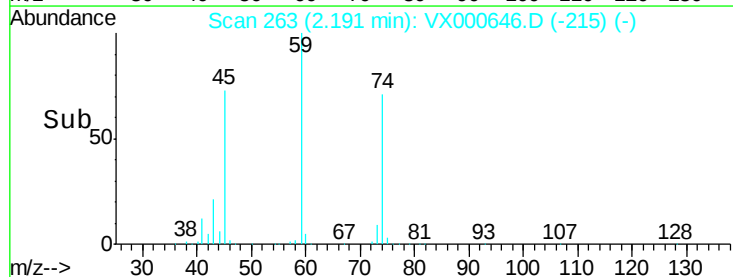
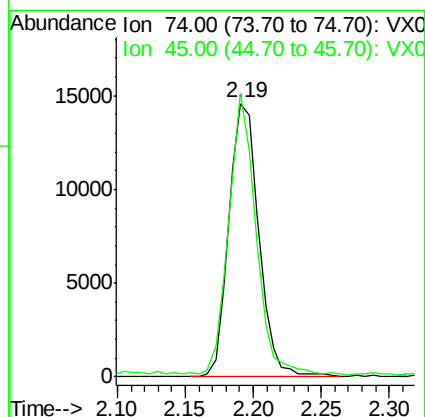
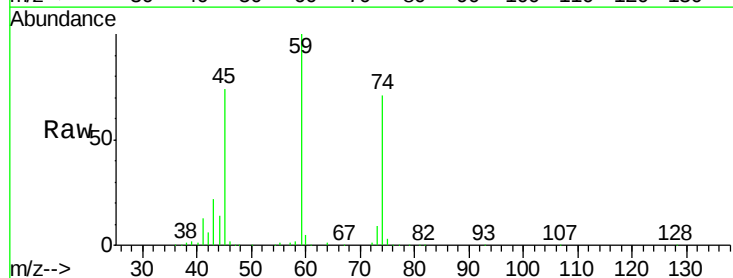
Tgt Ion: 101 Resp: 62996
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

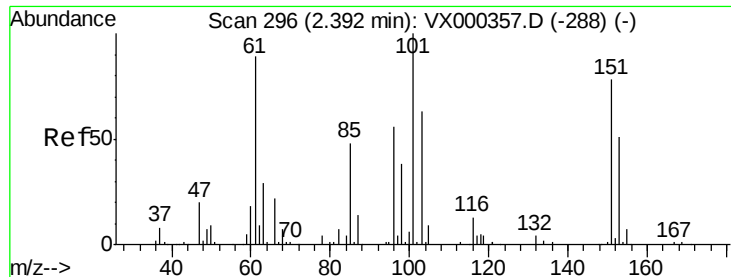


#8

Diethyl Ether
Concen: 20.34 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 74 Resp: 22404
Ion Ratio Lower Upper
74 100
45 93.6 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.04 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS02

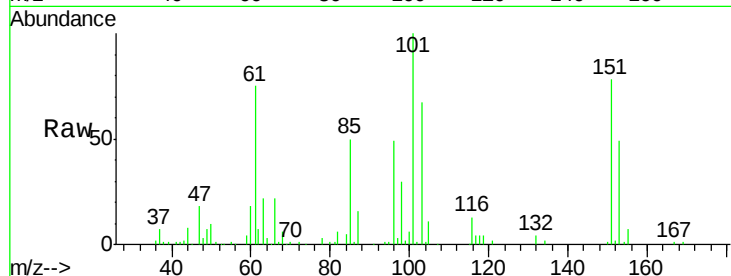
Tgt Ion:101 Resp: 36154

Ion Ratio Lower Upper

101 100

85 50.4 37.6 56.4

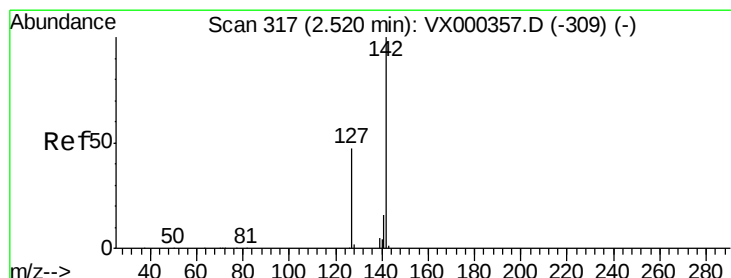
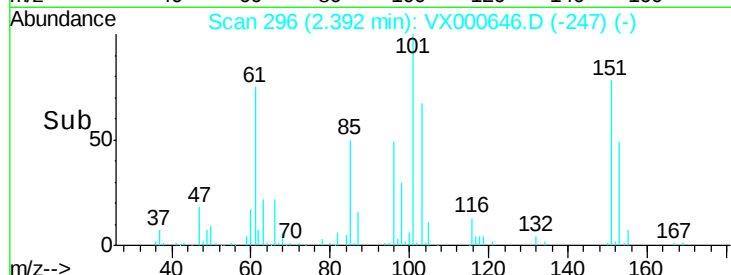
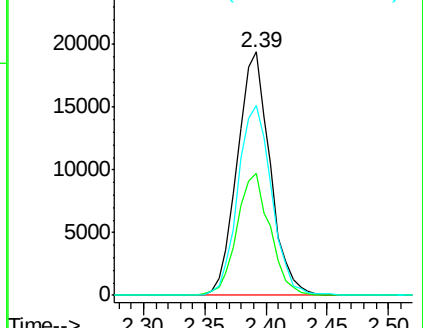
151 80.6 62.6 93.8



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: 14.40 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

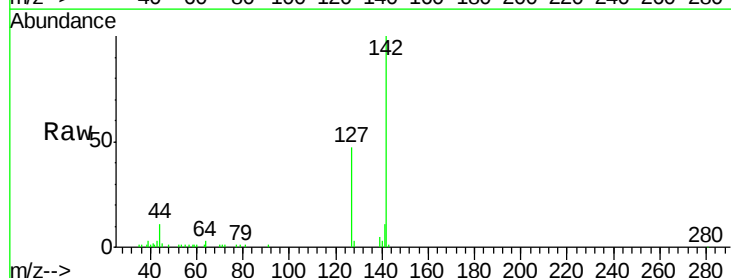
Tgt Ion:142 Resp: 18850

Ion Ratio Lower Upper

142 100

127 49.6 39.2 58.8

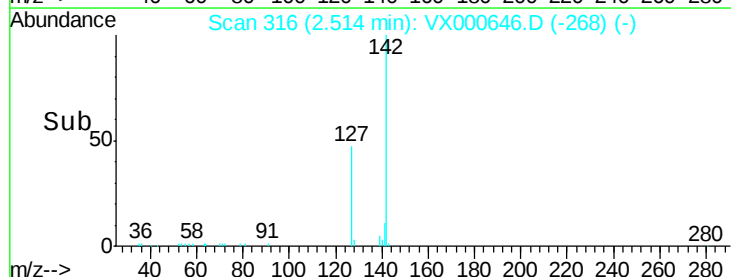
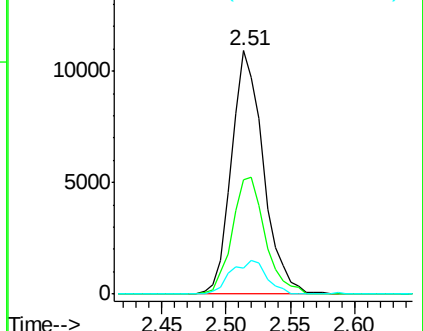
141 15.3 11.7 17.5

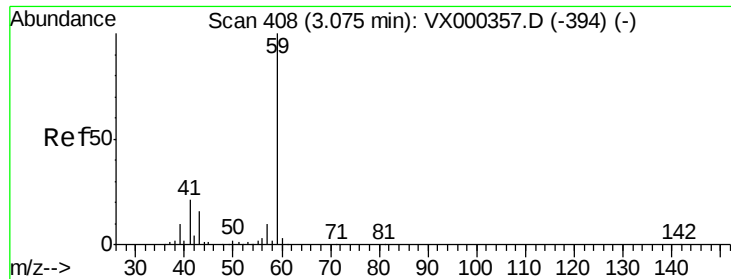


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

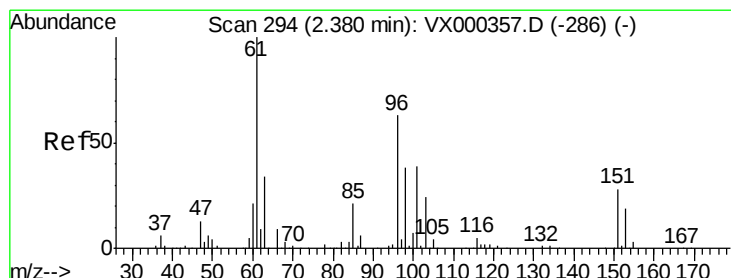
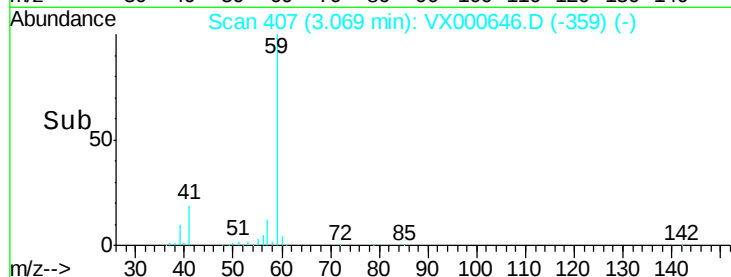
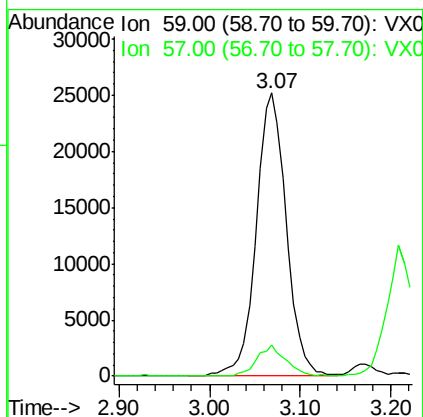
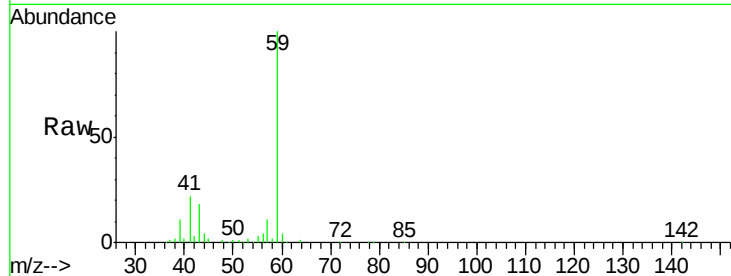




#11
Tert butyl alcohol
Concen: 92.59 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

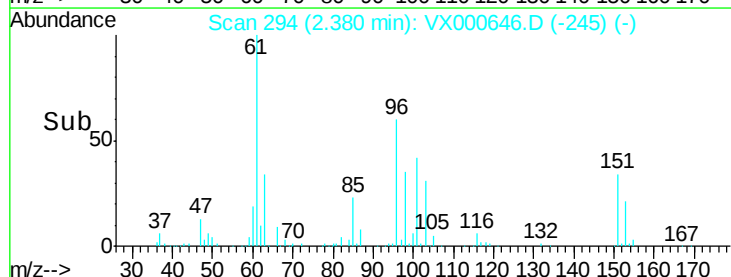
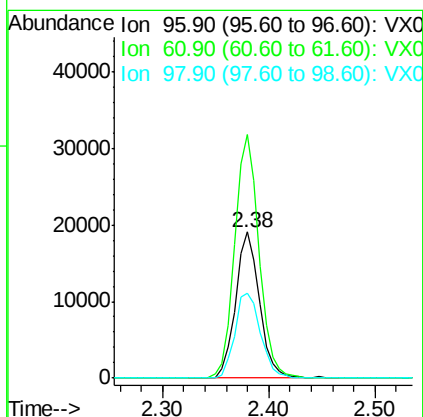
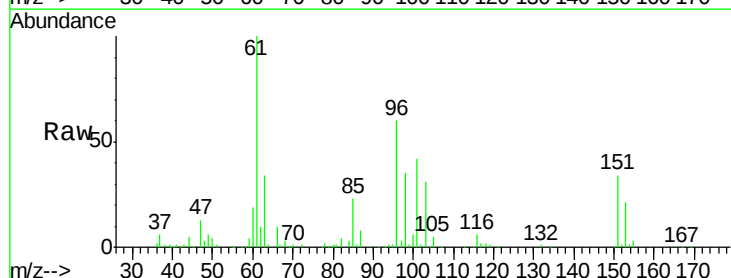
Instrument :
MSVOA_X
ClientSampled :
VX0402WBS02

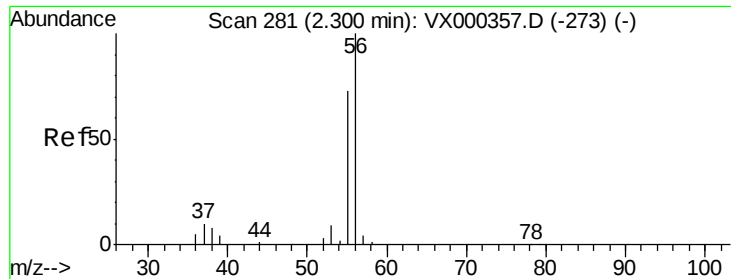
Tgt Ion: 59 Resp: 57857
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.01 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 96 Resp: 30185
Ion Ratio Lower Upper
96 100
61 166.6 131.2 196.8
98 58.4 49.8 74.8





#13

Acrolein

Concen: 156.00 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

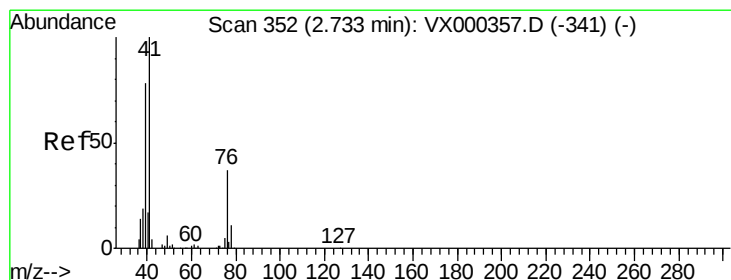
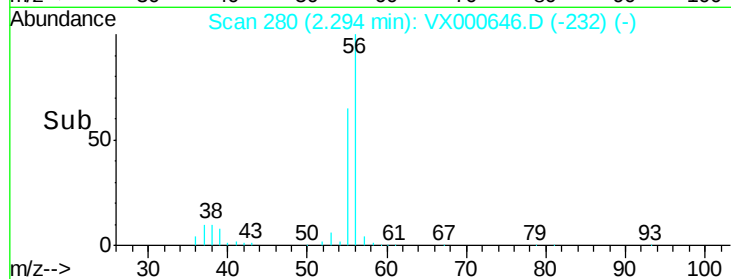
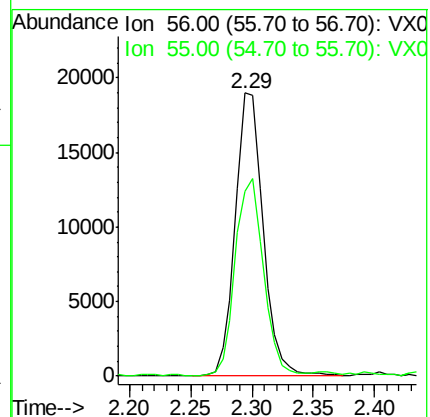
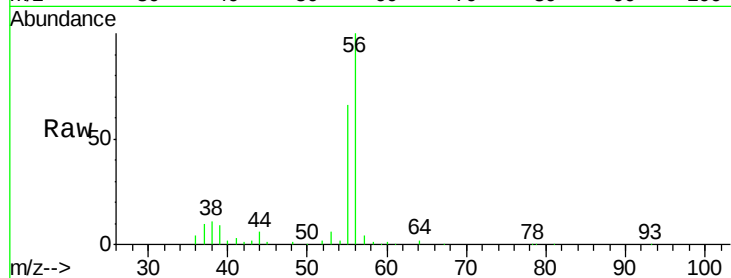
VX0402WBS02

Tgt Ion: 56 Resp: 29962

Ion Ratio Lower Upper

56 100

55 70.0 58.8 88.2



#14

Allyl chloride

Concen: 20.17 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

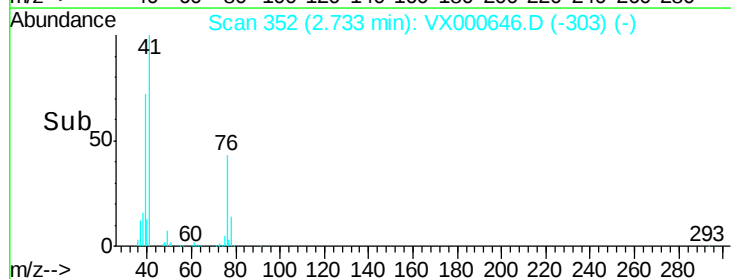
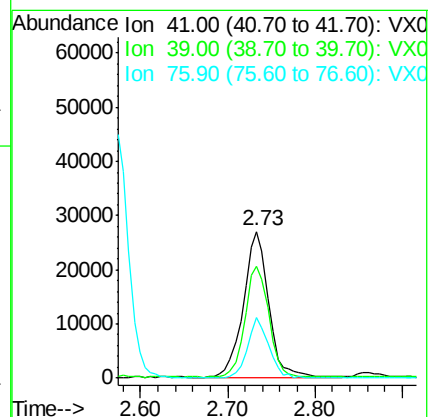
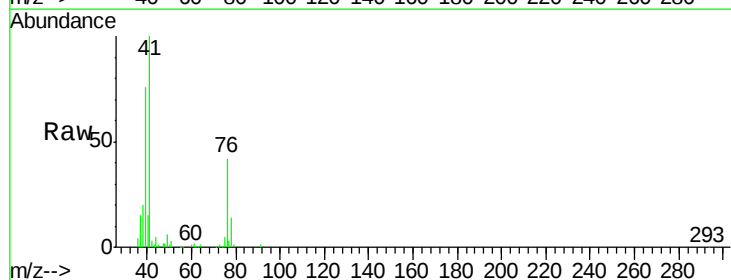
Tgt Ion: 41 Resp: 53899

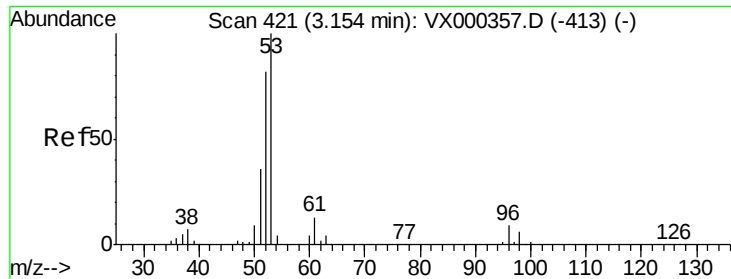
Ion Ratio Lower Upper

41 100

39 72.5 57.6 86.4

76 35.0 27.3 40.9

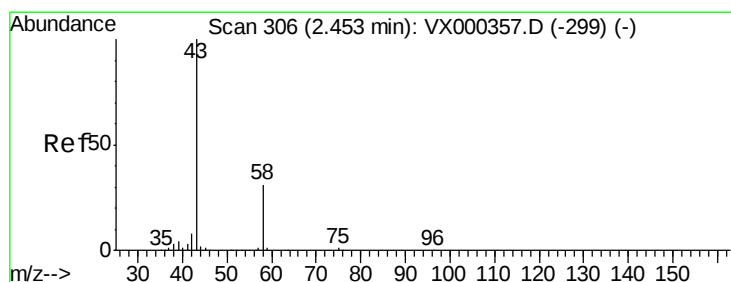
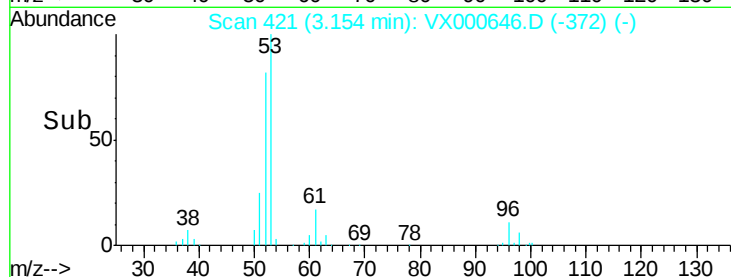
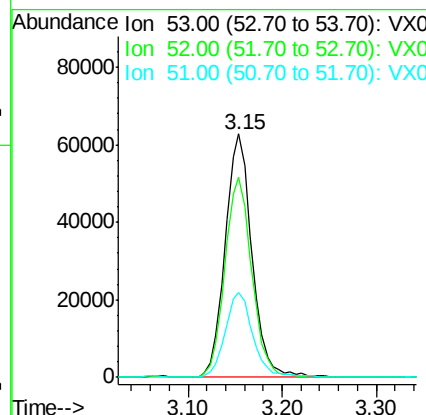
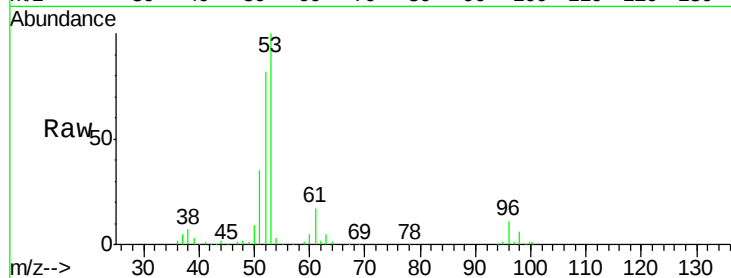




#15
Acrylonitrile
Concen: 97.93 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

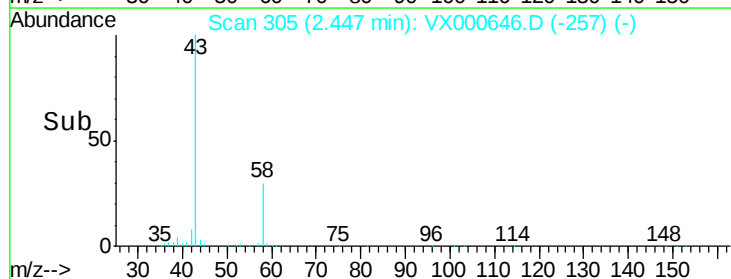
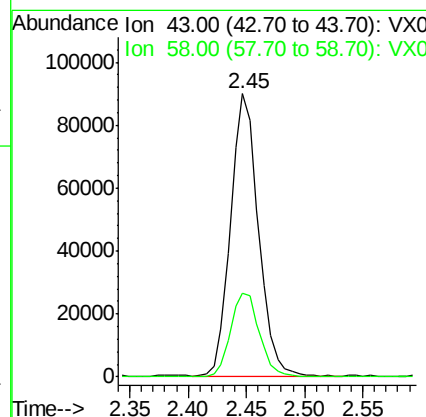
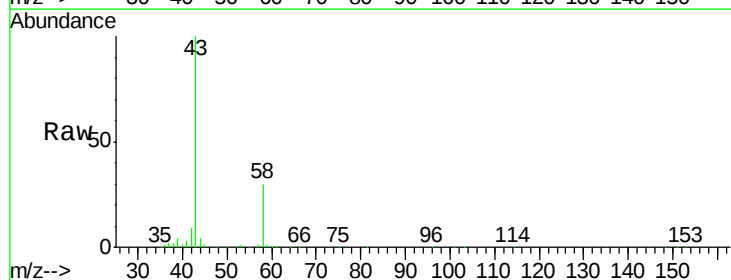
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

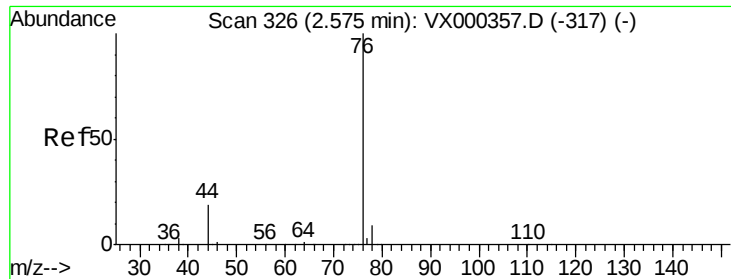
Tgt Ion: 53 Resp: 123937
Ion Ratio Lower Upper
53 100
52 82.6 66.6 99.8
51 35.9 29.3 43.9



#16
Acetone
Concen: 98.48 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 43 Resp: 148823
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1

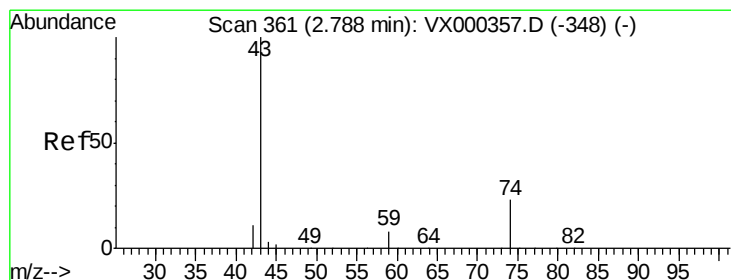
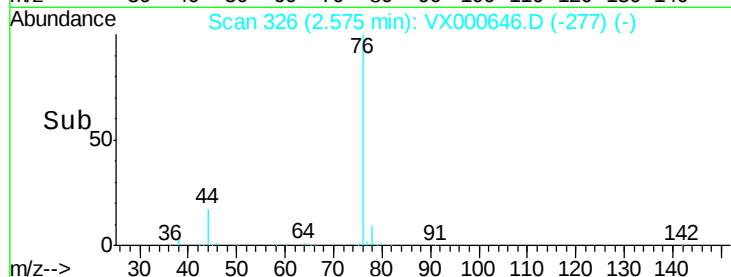
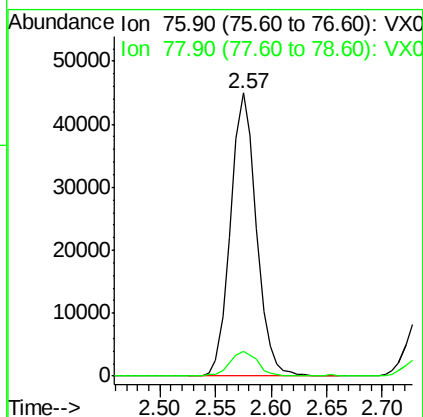
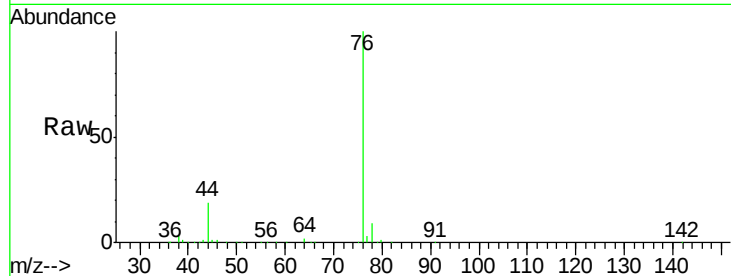




#17
Carbon Disulfide
Concen: 18.13 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

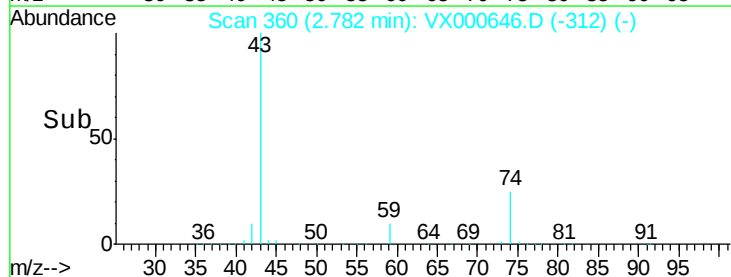
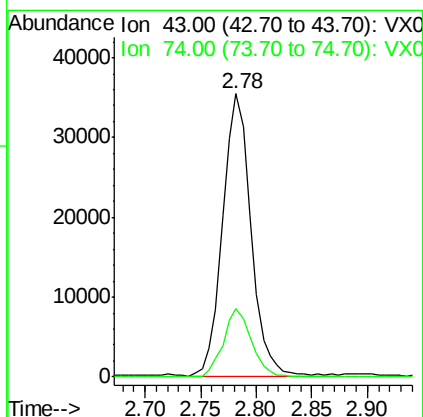
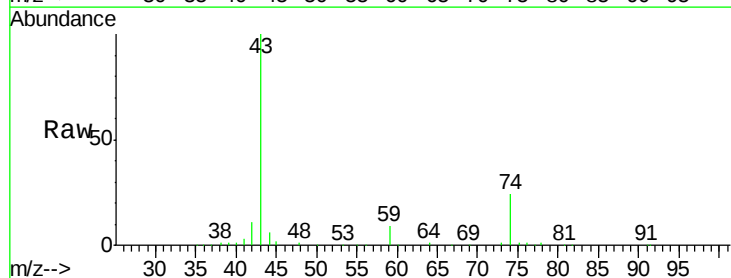
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

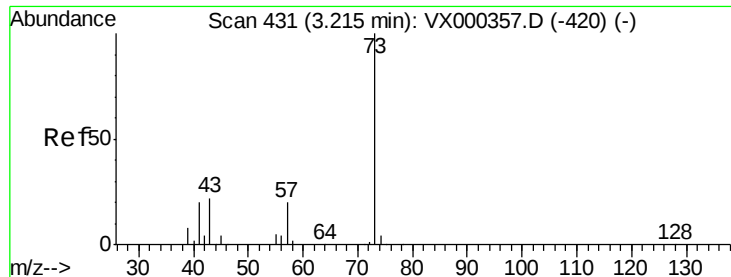
Tgt Ion: 76 Resp: 72709
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 19.70 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 43 Resp: 62400
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.42 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampled :

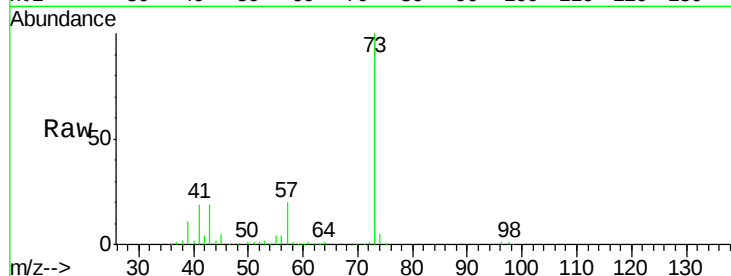
VX0402WBS02

Tgt Ion: 73 Resp: 113891

Ion Ratio Lower Upper

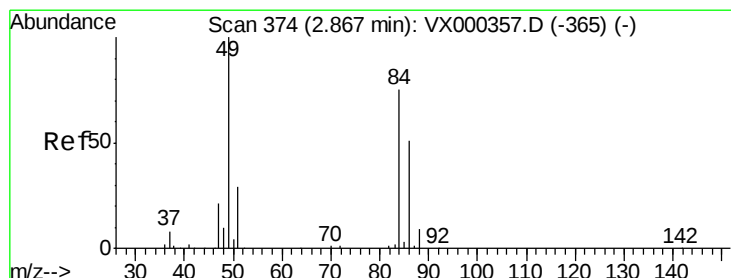
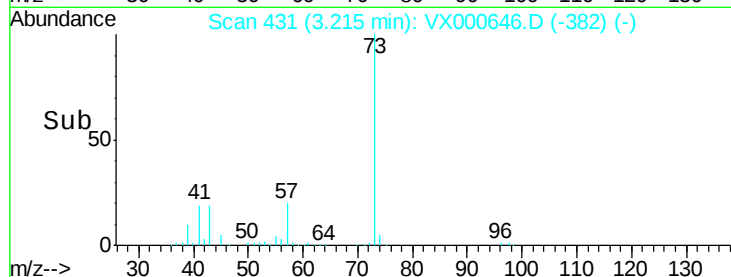
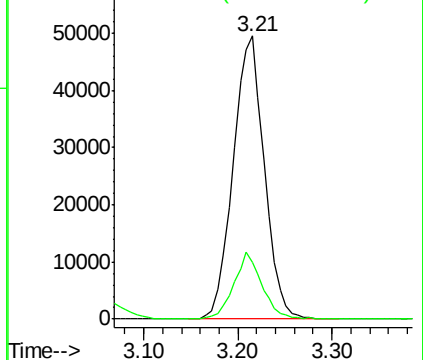
73 100

57 20.1 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 21.70 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Tgt Ion: 84 Resp: 37870

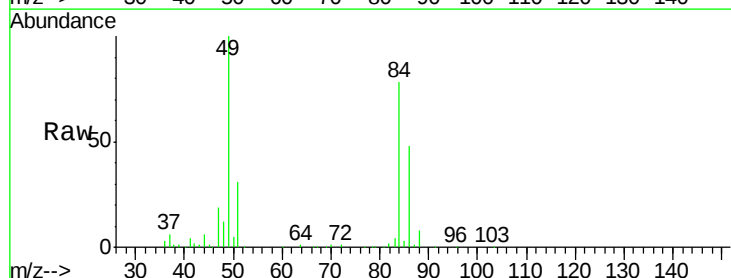
Ion Ratio Lower Upper

84 100

49 127.9 100.6 151.0

51 39.4 31.6 47.4

86 62.0 52.6 78.8

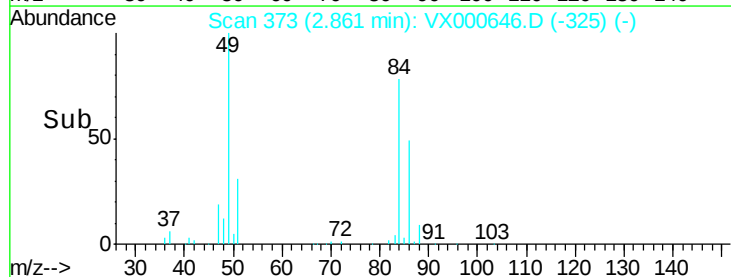
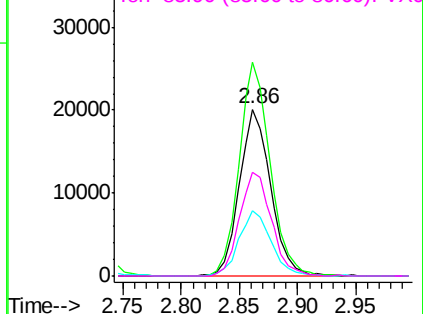


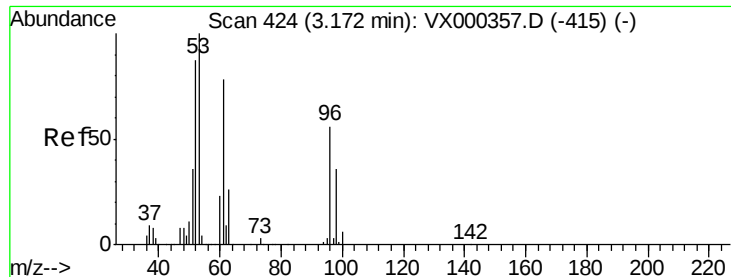
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.35 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

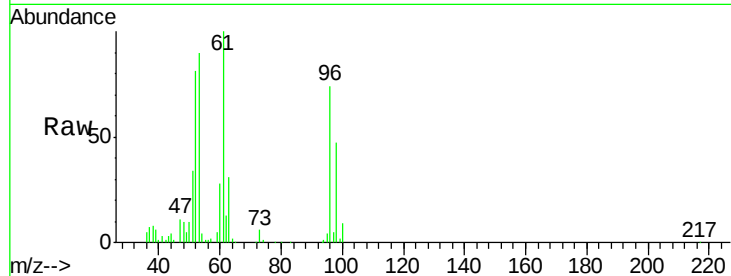
Tgt Ion: 96 Resp: 32563

Ion Ratio Lower Upper

96 100

61 135.4 104.0 156.0

98 63.6 52.1 78.1

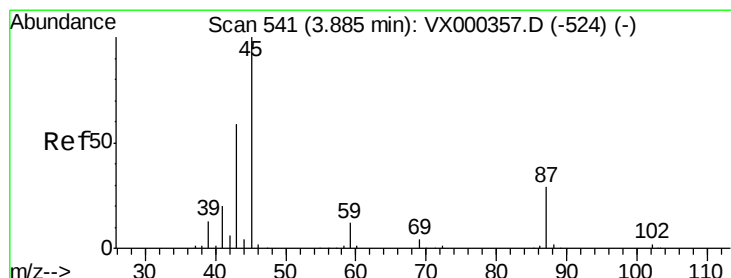
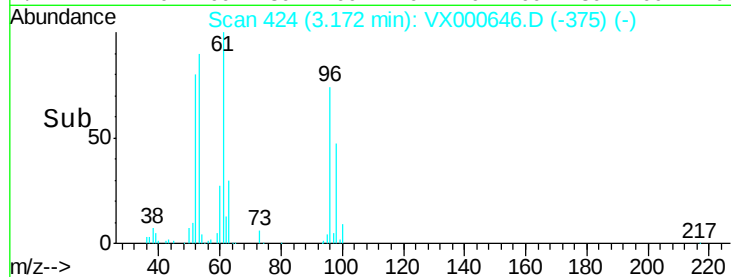
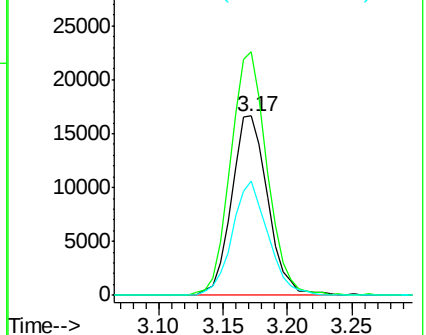


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 16.28 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Tgt Ion: 45 Resp: 76768

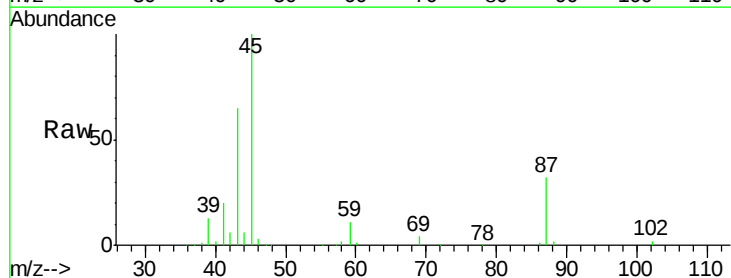
Ion Ratio Lower Upper

45 100

43 65.0 53.9 80.9

87 32.0 22.6 34.0

59 10.9 9.5 14.3



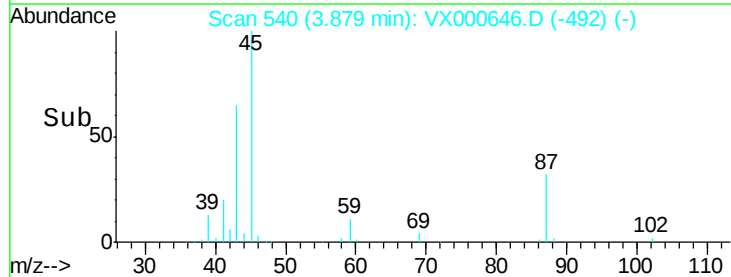
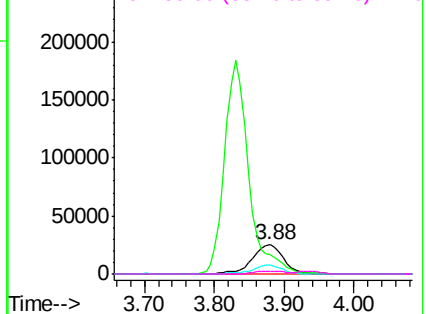
Abundance

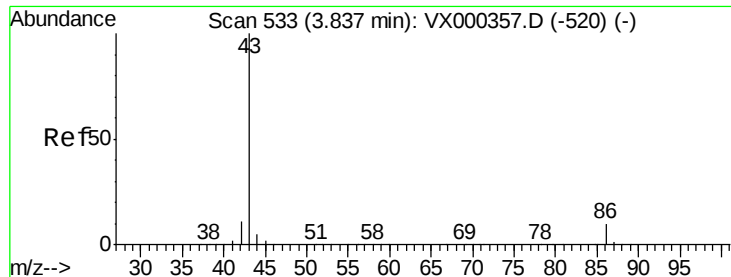
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.78 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

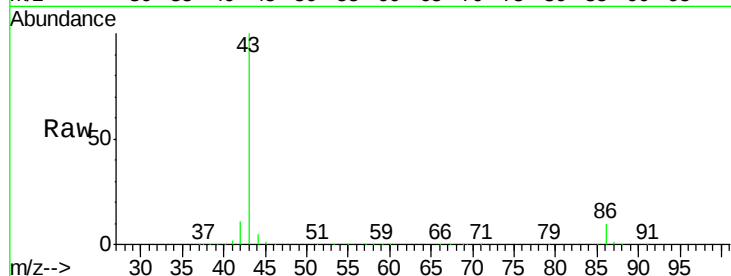
VX0402WBS02

Tgt Ion: 43 Resp: 446034

Ion Ratio Lower Upper

43 100

86 9.9 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

200000

150000

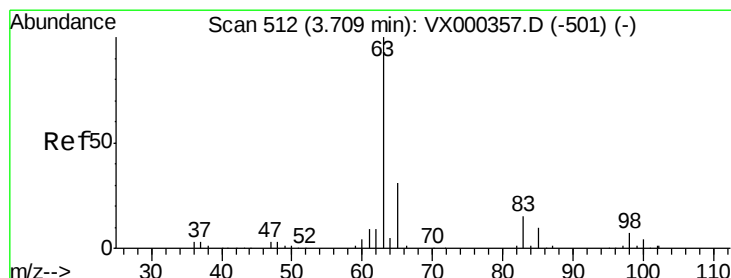
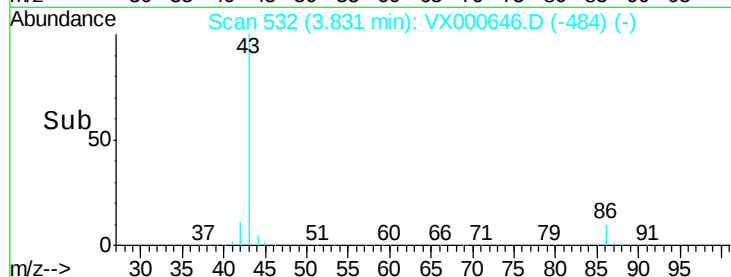
100000

50000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.70 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

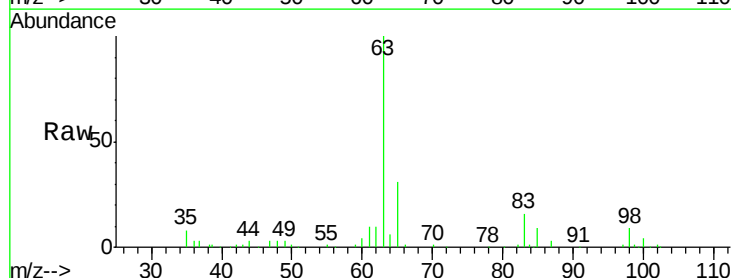
Tgt Ion: 63 Resp: 58417

Ion Ratio Lower Upper

63 100

98 8.8 3.3 9.9

100 4.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

30000

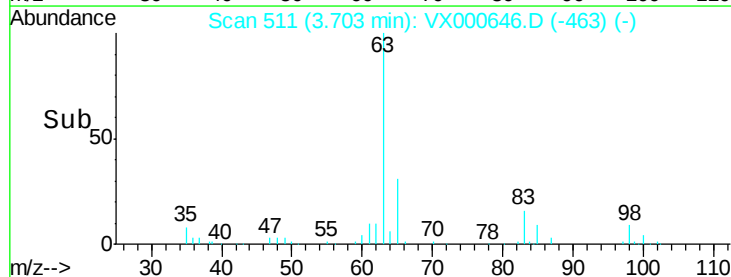
20000

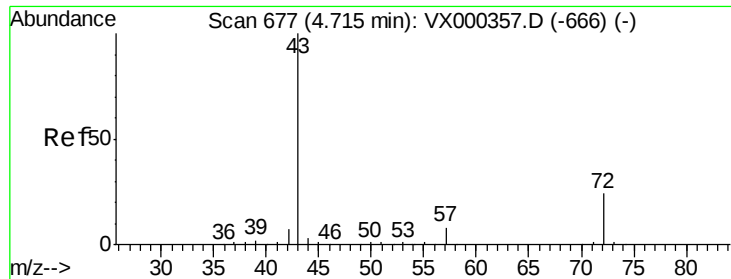
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 85.06 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

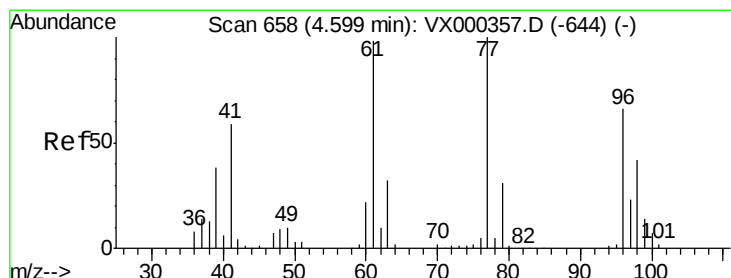
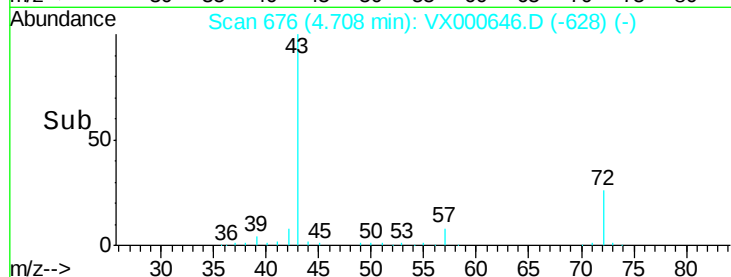
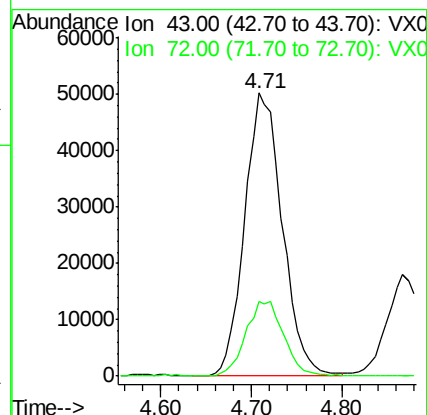
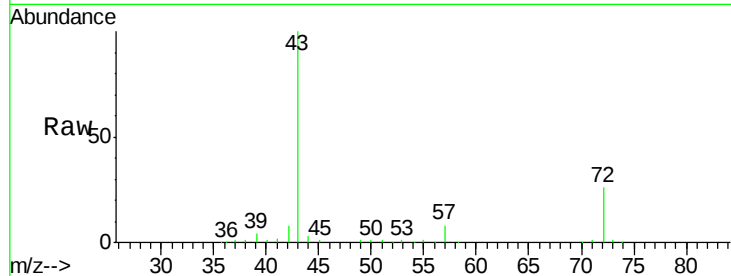
VX0402WBS02

Tgt Ion: 43 Resp: 144480

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.83 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000646.D

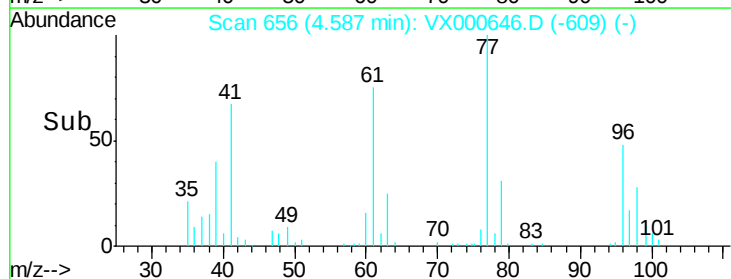
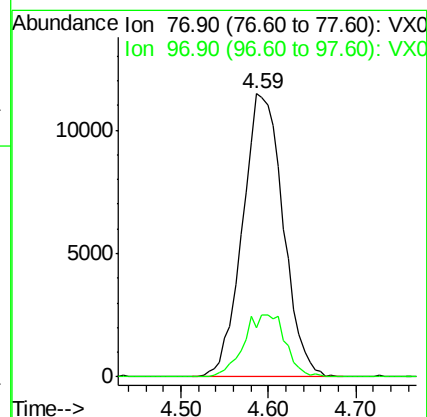
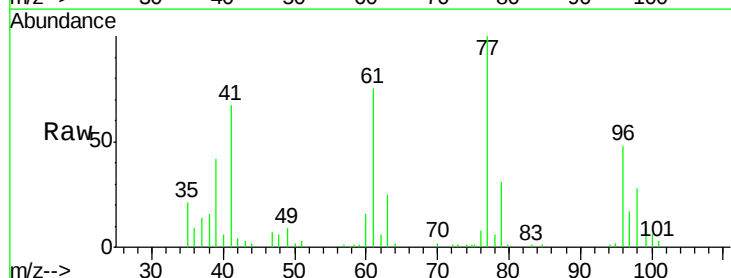
Acq: 02 Apr 2018 18:58

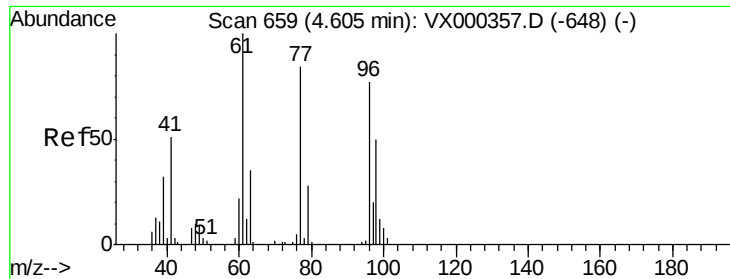
Tgt Ion: 77 Resp: 37040

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 17.59 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

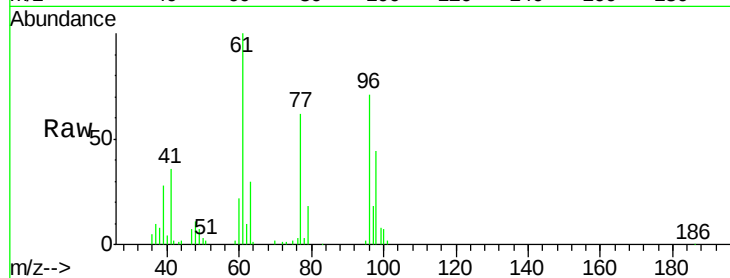
Tgt Ion: 96 Resp: 27656

Ion Ratio Lower Upper

96 100

61 143.3 0.0 291.6

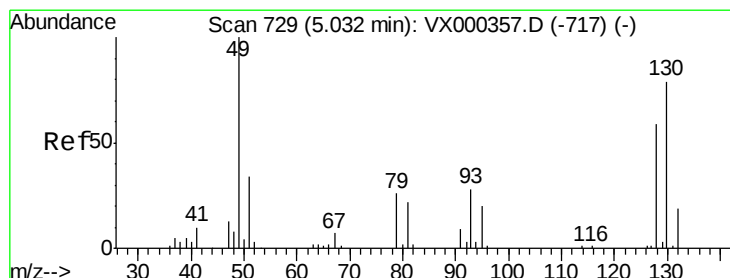
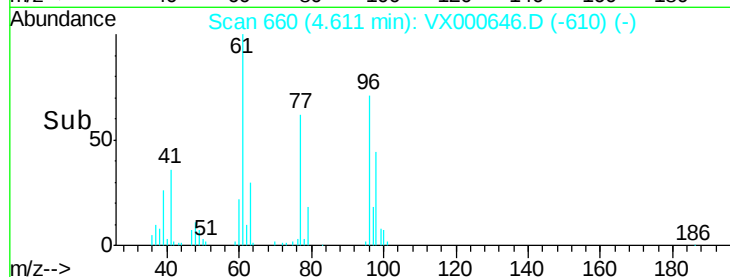
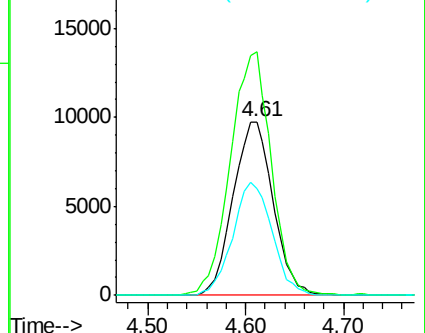
98 64.1 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.03 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

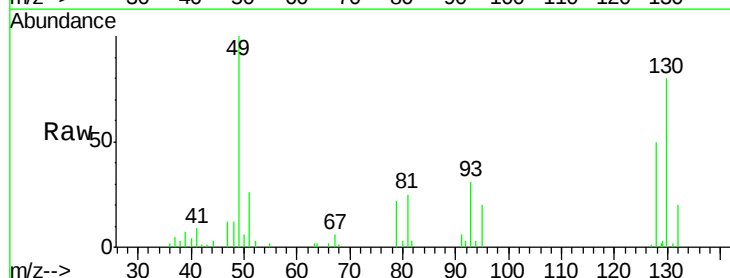
Tgt Ion: 49 Resp: 22046

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

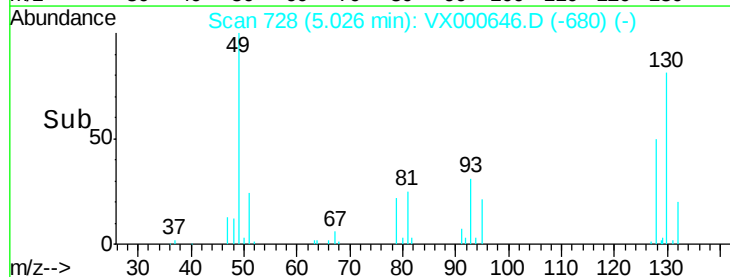
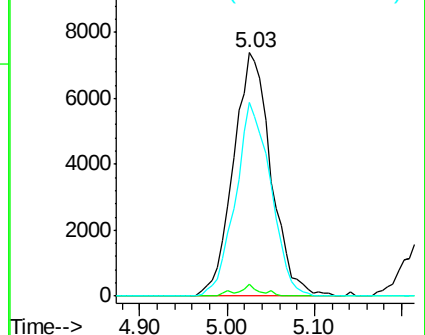
130 74.8 64.0 96.0

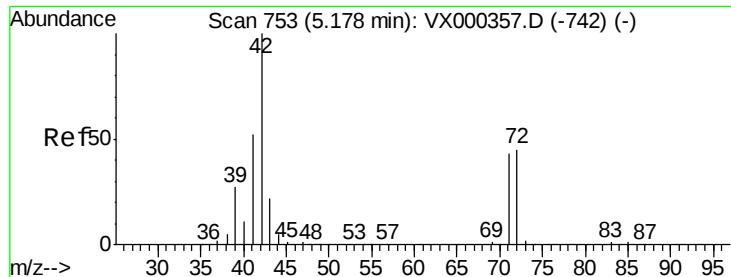


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

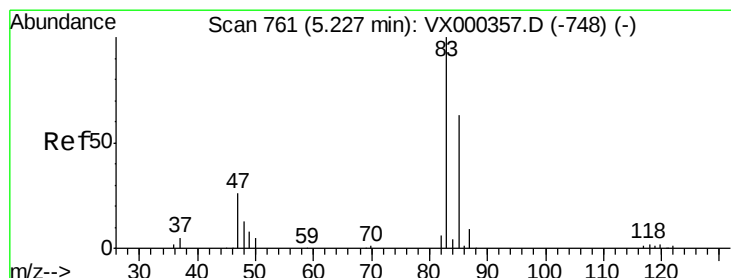
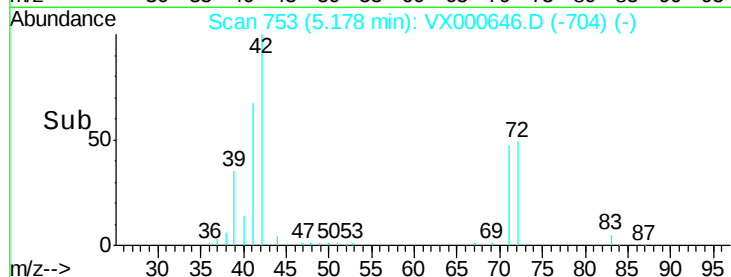
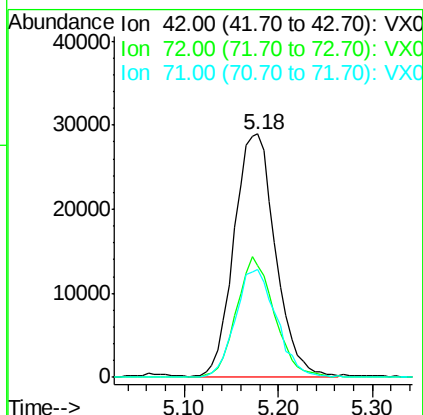
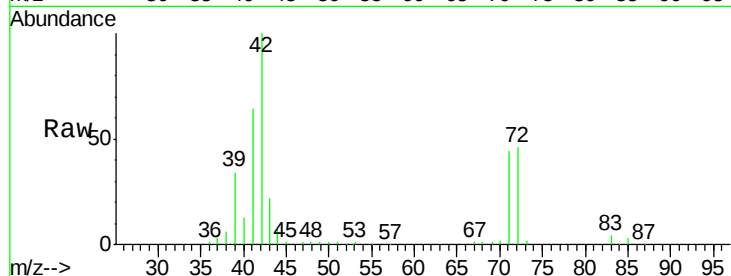




#29
Tetrahydrofuran
Concen: 84.27 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

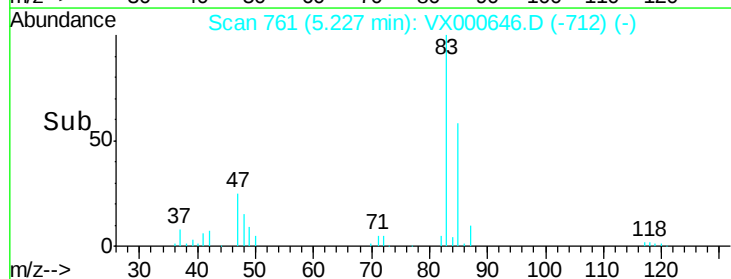
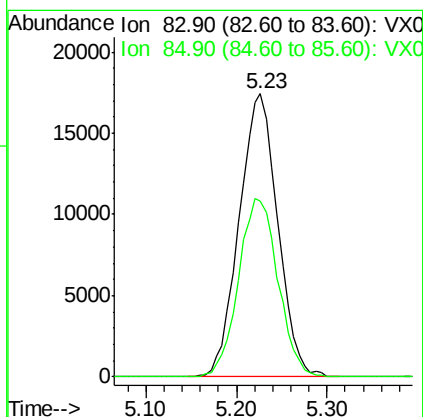
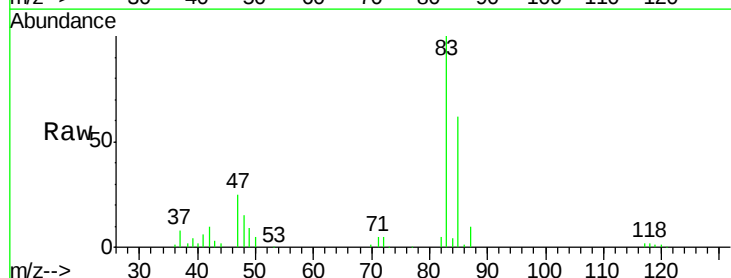
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

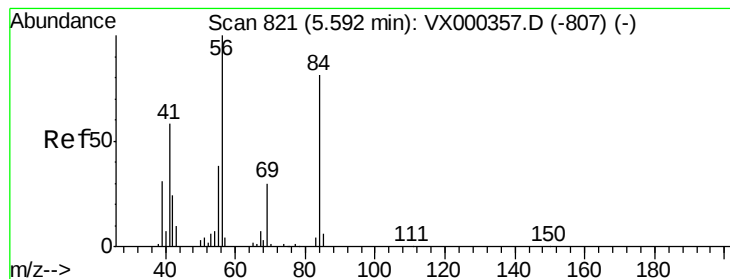
Tgt Ion: 42 Resp: 88072
Ion Ratio Lower Upper
42 100
72 46.2 37.9 56.9
71 44.2 34.4 51.6



#30
Chloroform
Concen: 18.47 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 83 Resp: 51307
Ion Ratio Lower Upper
83 100
85 62.1 53.3 79.9





#31

Cyclohexane

Concen: 17.38 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

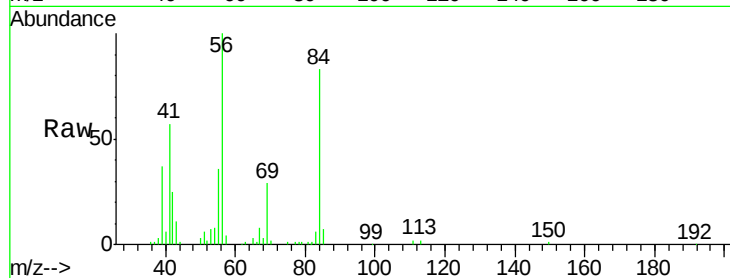
Tgt Ion: 56 Resp: 39833

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

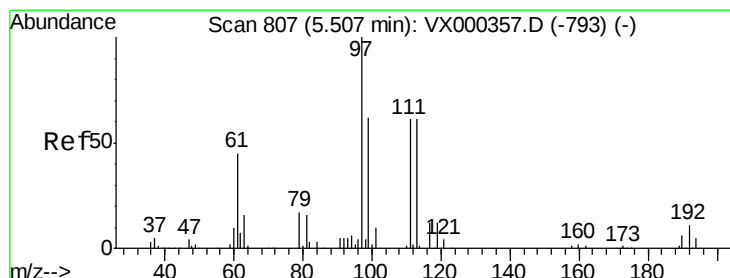
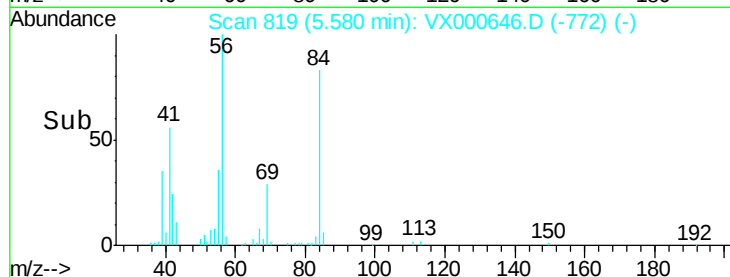
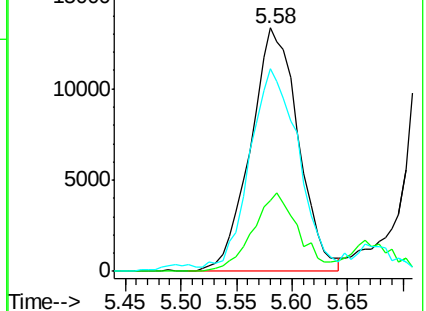
84 80.6 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.82 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

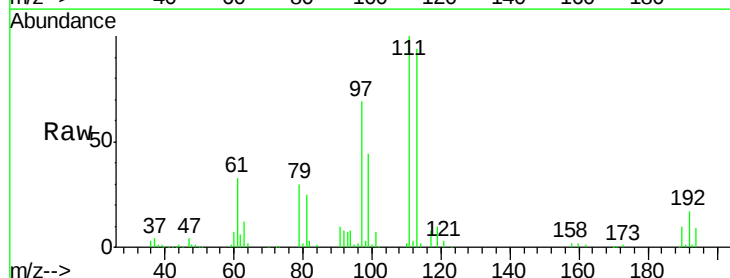
Tgt Ion: 97 Resp: 44656

Ion Ratio Lower Upper

97 100

99 63.4 52.1 78.1

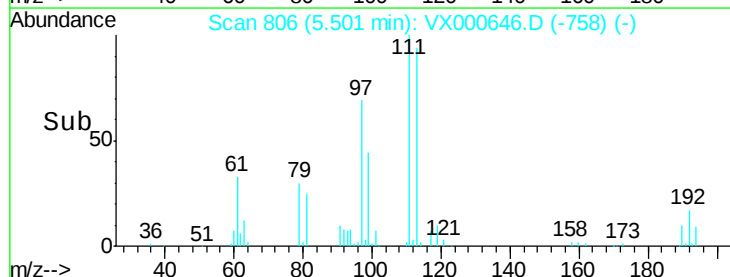
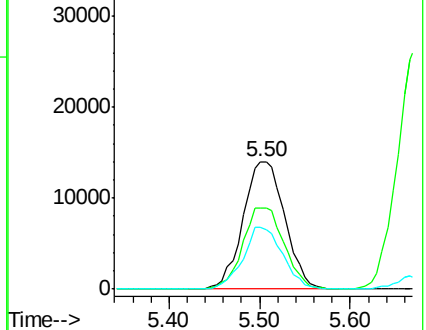
61 45.9 36.2 54.4

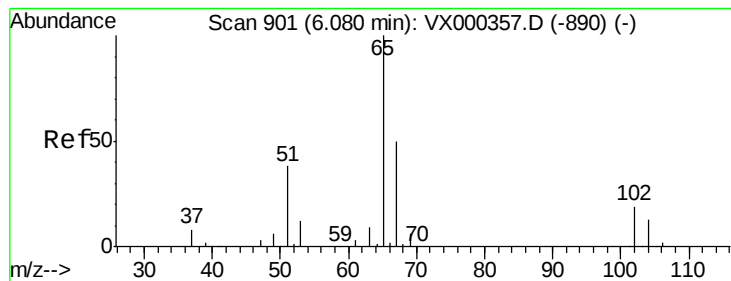


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

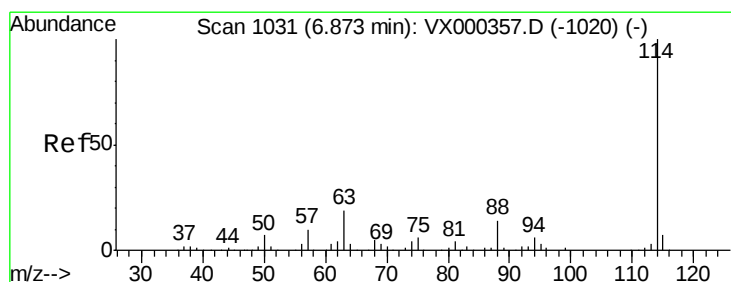
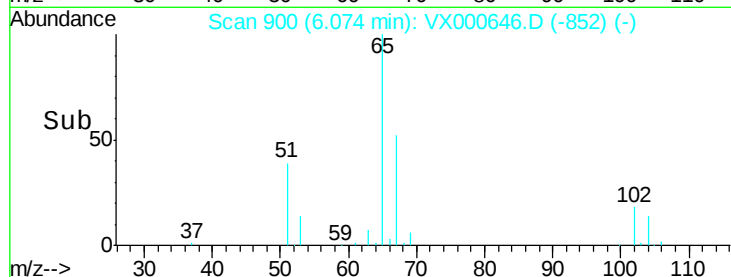
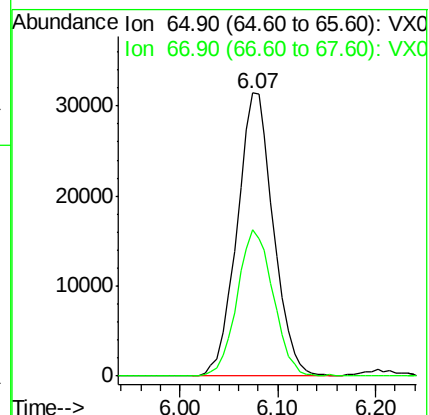
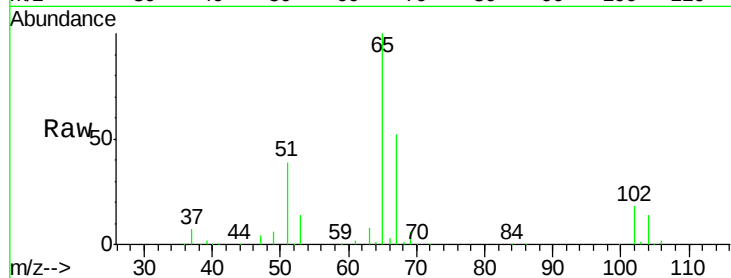
VX0402WBS02

Tgt Ion: 65 Resp: 80735

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

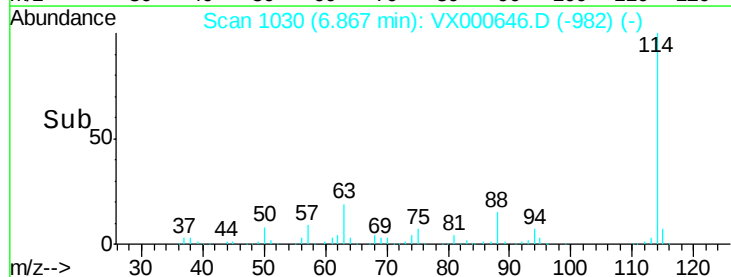
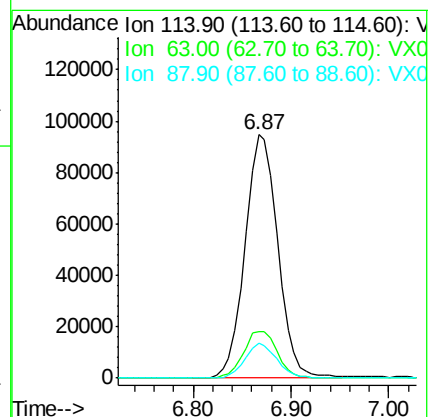
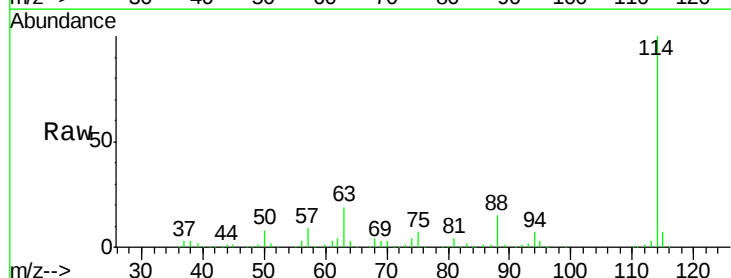
Tgt Ion: 114 Resp: 221342

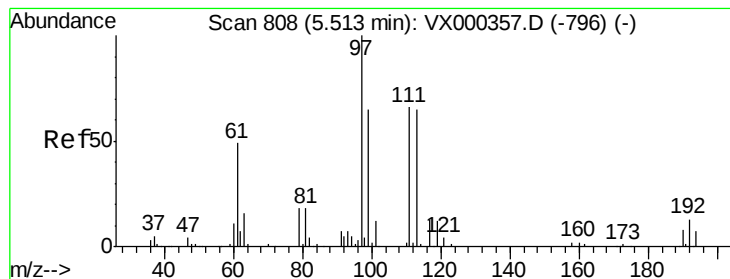
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 14.6 0.0 27.0





#35

Dibromofluoromethane

Concen: 45.49 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

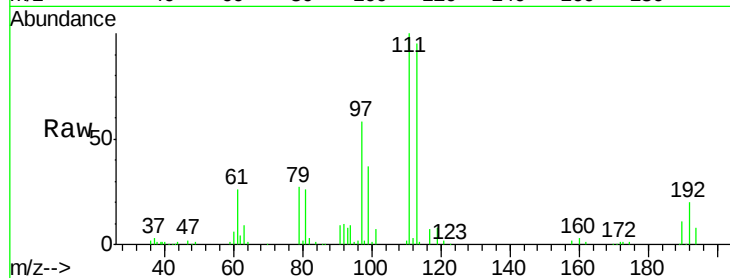
Tgt Ion:113 Resp: 63443

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

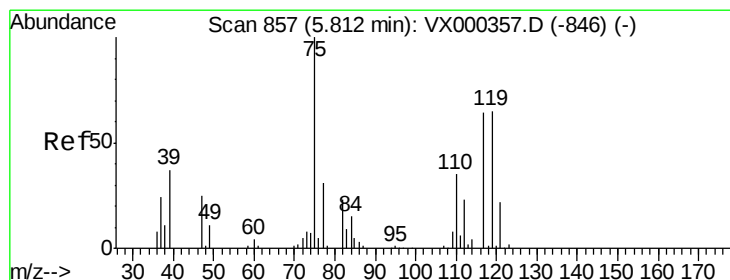
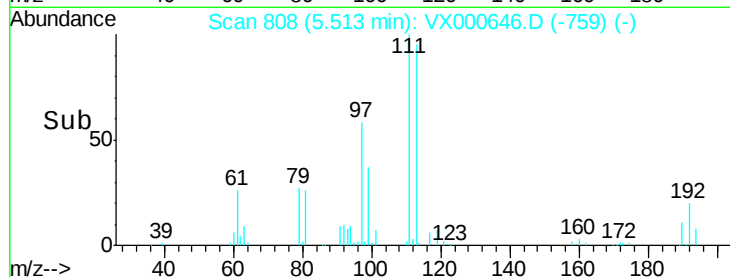
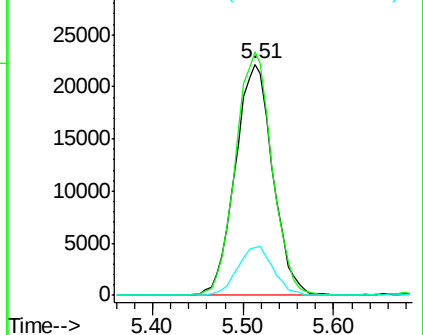
192 20.1 15.8 23.6



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: 17.51 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

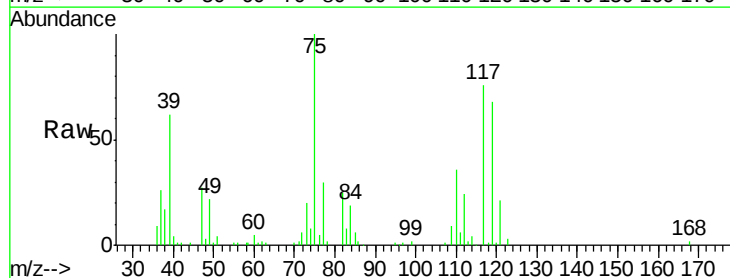
Tgt Ion: 75 Resp: 36303

Ion Ratio Lower Upper

75 100

110 35.4 17.9 53.7

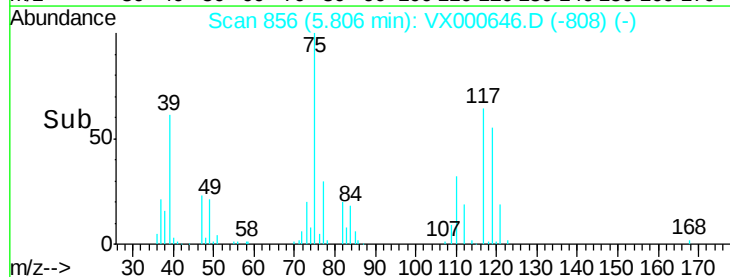
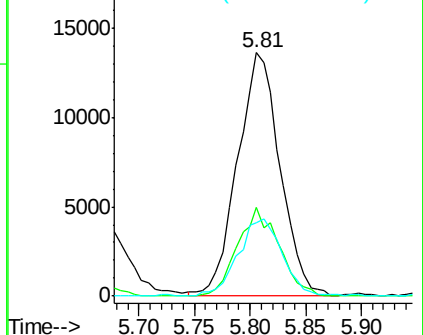
77 32.9 24.0 36.0

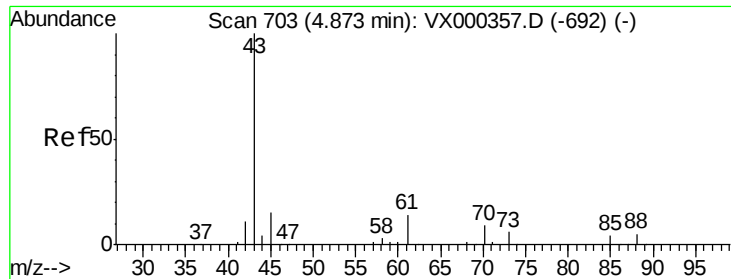


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

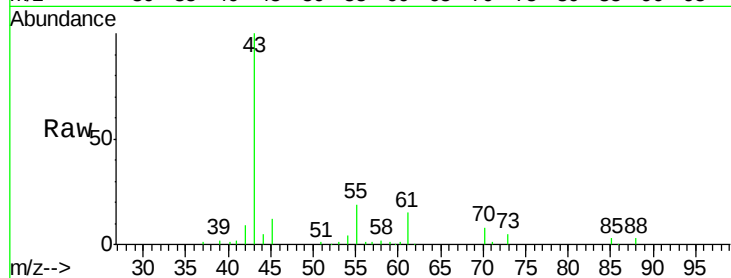




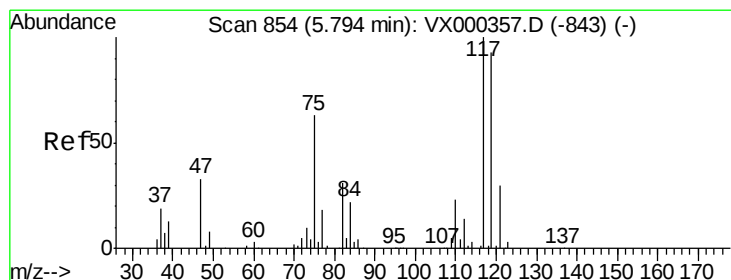
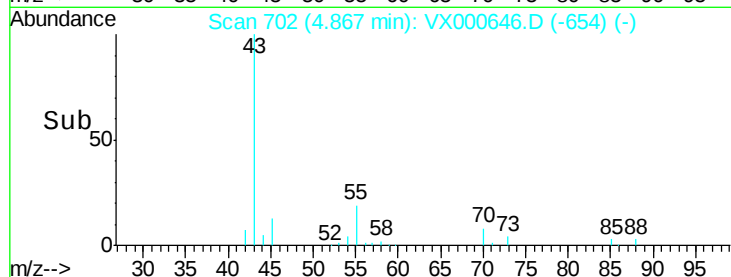
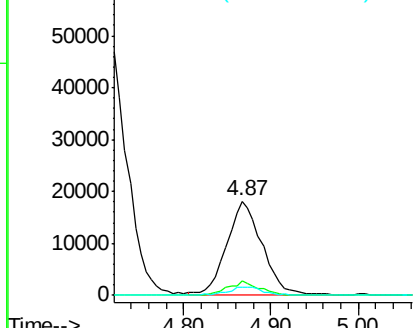
#37
Ethyl Acetate
Concen: 17.99 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

Tgt Ion: 43 Resp: 50955
Ion Ratio Lower Upper
43 100
61 13.2 11.1 16.7
70 8.8 7.7 11.5

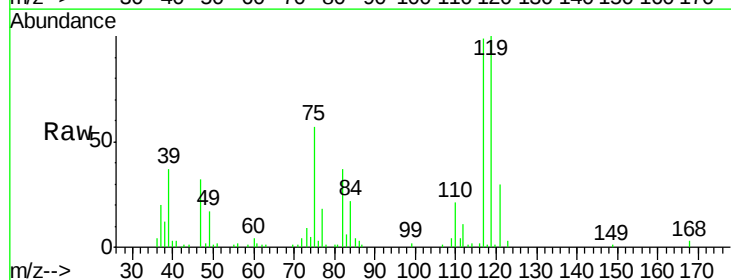


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

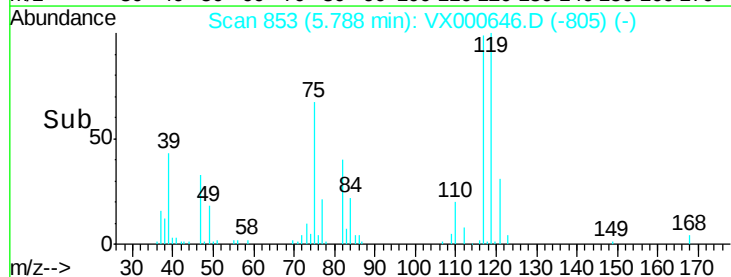
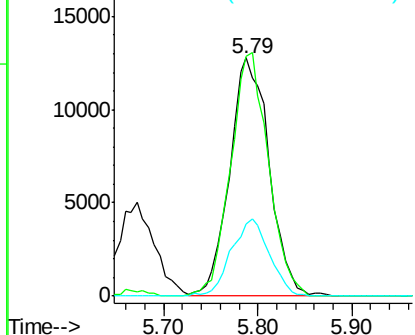


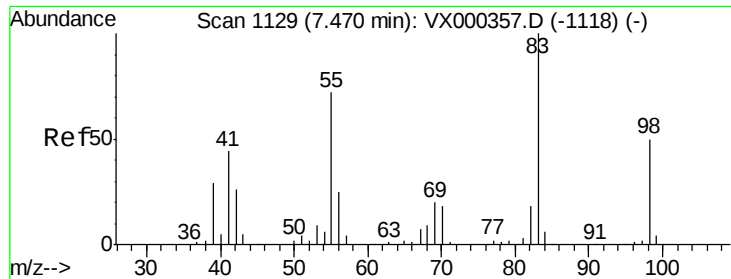
#38
Carbon Tetrachloride
Concen: 17.18 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 117 Resp: 37362
Ion Ratio Lower Upper
117 100
119 100.7 77.4 116.2
121 30.1 24.8 37.2



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

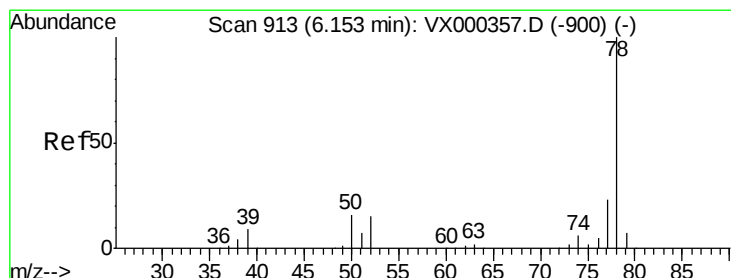
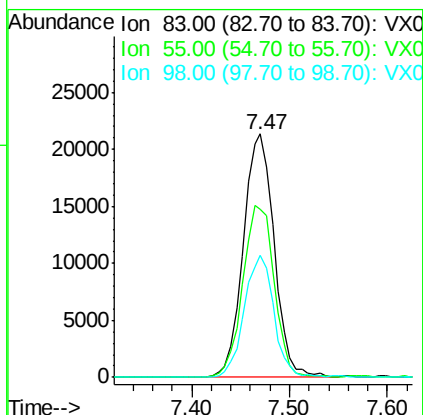
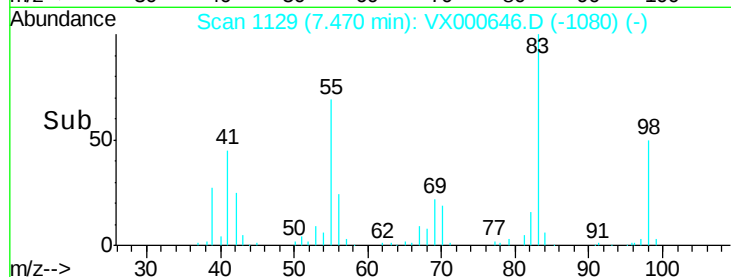
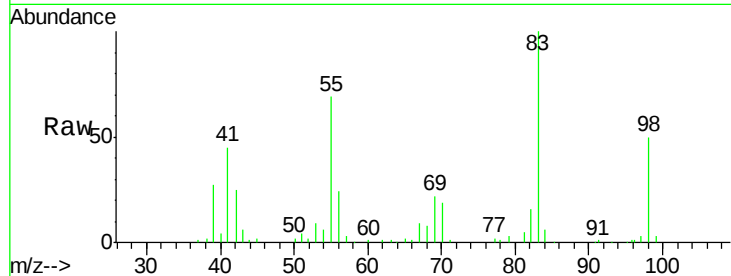




#39
Methylcyclohexane
Concen: 18.59 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

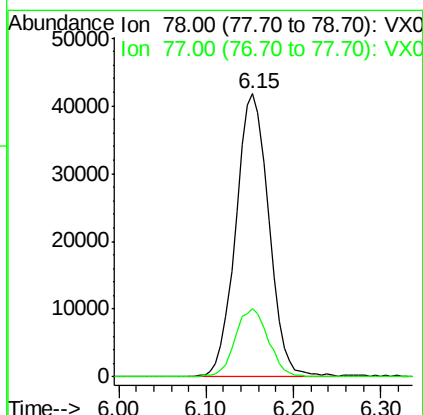
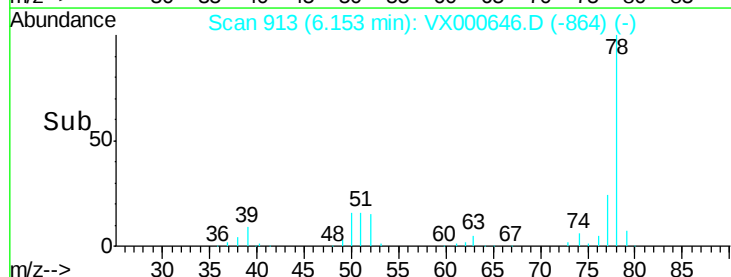
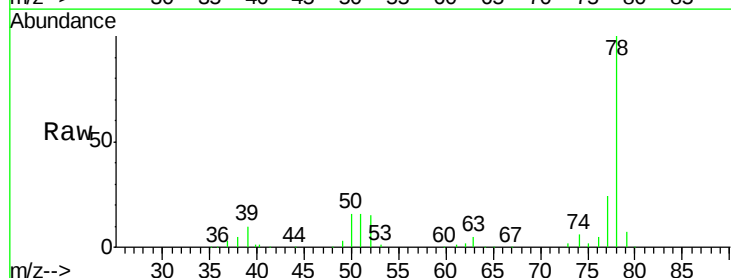
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

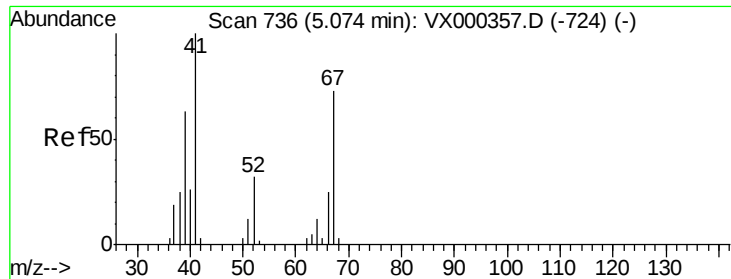
Tgt Ion: 83 Resp: 46870
Ion Ratio Lower Upper
83 100
55 68.9 55.5 83.3
98 50.3 38.2 57.4



#40
Benzene
Concen: 18.25 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 78 Resp: 109905
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1

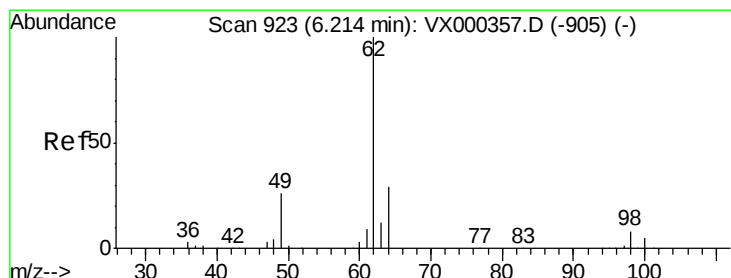
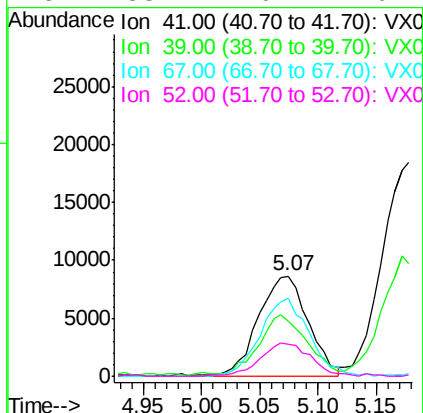
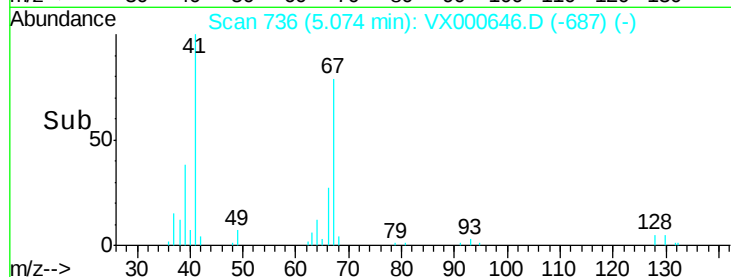
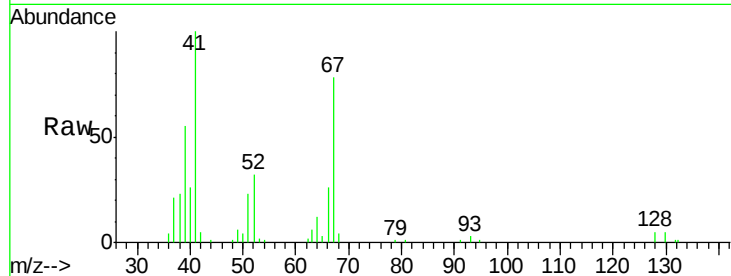




#41
Methacrylonitrile
Concen: 17.21 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

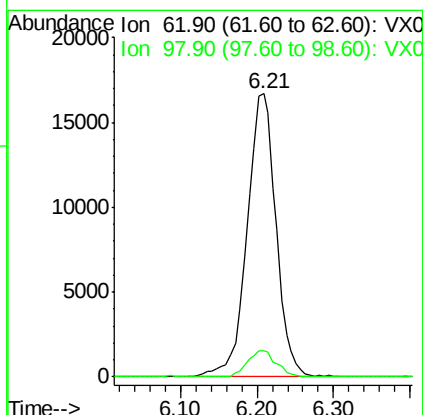
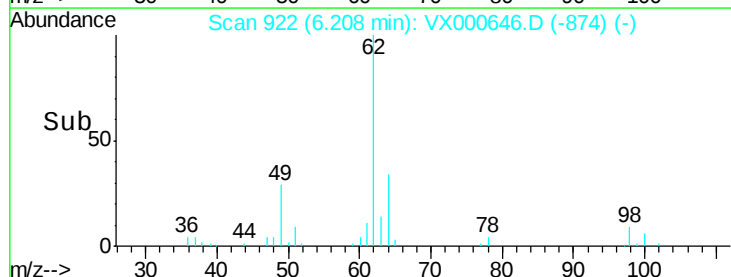
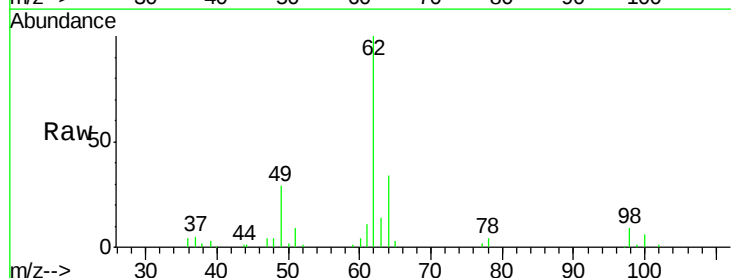
Instrument :
MSVOA_X
ClientSampled :
VX0402WBS02

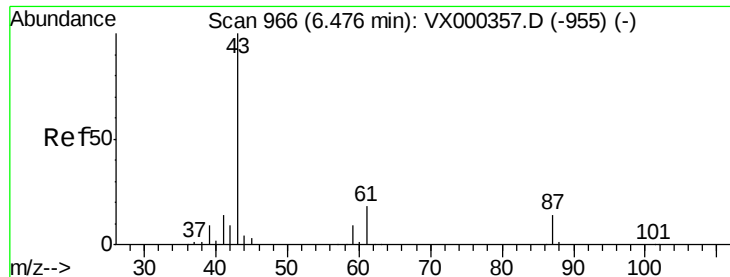
Tgt Ion:	41	Resp:	25696
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.7	68.5
67	76.3	57.8	86.8
52	33.7	26.7	40.1



#42
1,2-Dichloroethane
Concen: 18.62 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion:	62	Resp:	43985
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8



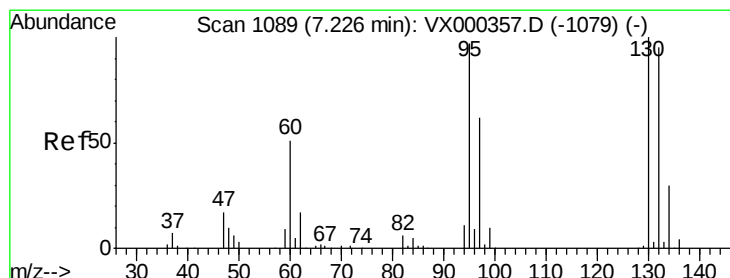
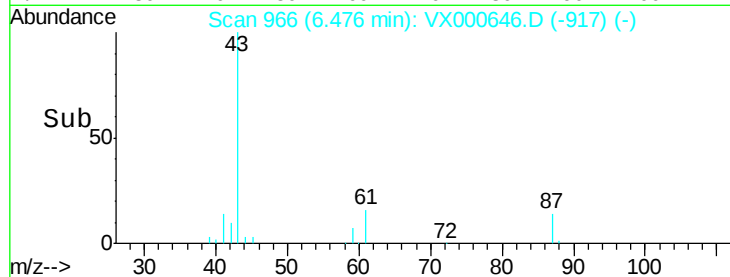
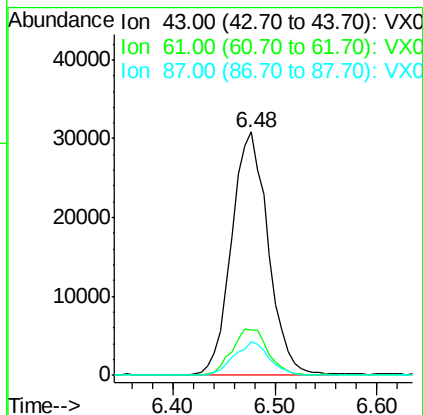
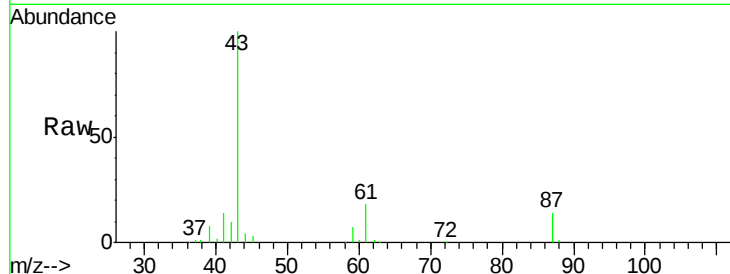


#43

Isopropyl Acetate
 Concen: 18.25 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS02

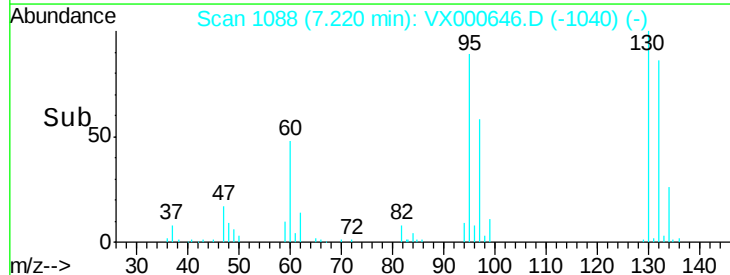
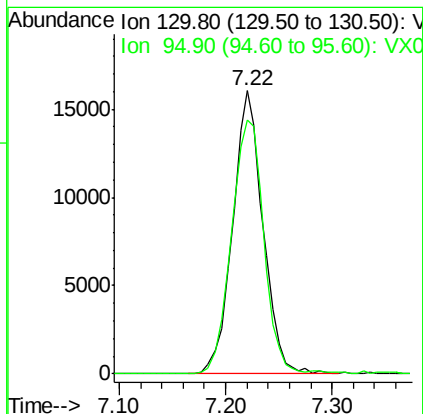
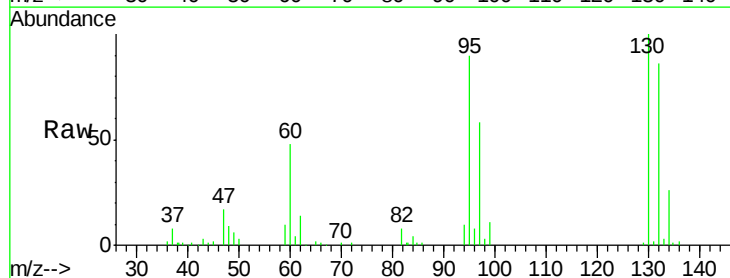
Tgt Ion: 43 Resp: 76955
 Ion Ratio Lower Upper
 43 100
 61 18.9 14.4 21.6
 87 13.1 11.0 16.4

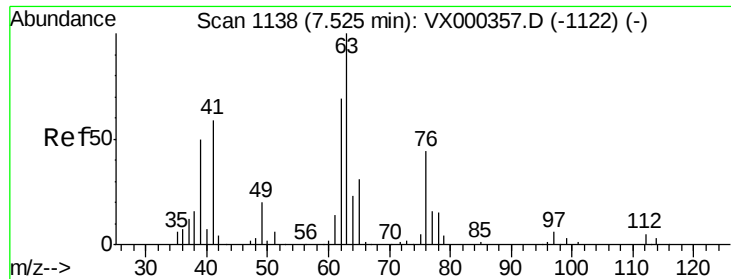


#44

Trichloroethene
 Concen: 18.53 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

Tgt Ion: 130 Resp: 31966
 Ion Ratio Lower Upper
 130 100
 95 89.6 0.0 186.0





#45

1,2-Dichloropropane

Concen: 19.75 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

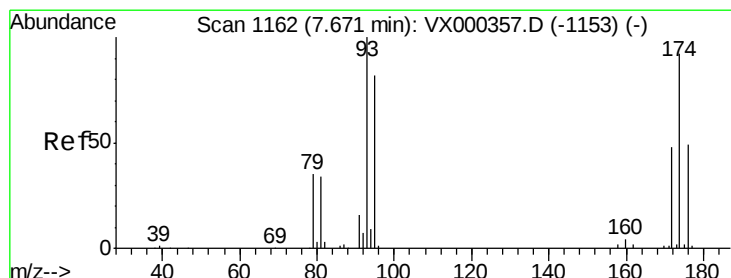
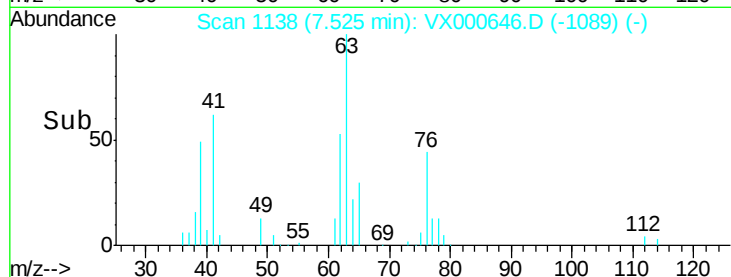
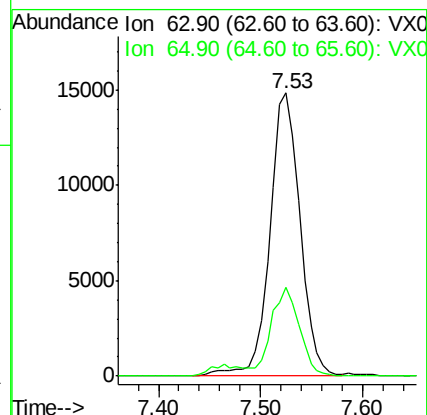
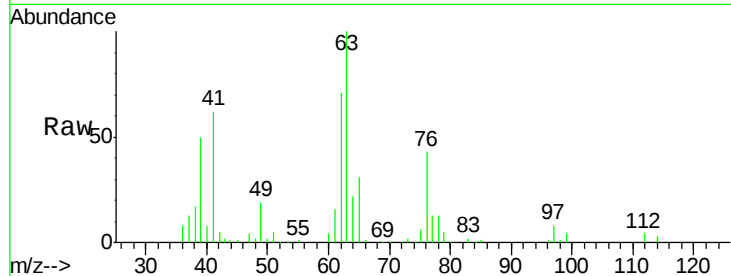
VX0402WBS02

Tgt Ion: 63 Resp: 30444

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



#46

Dibromomethane

Concen: 18.73 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

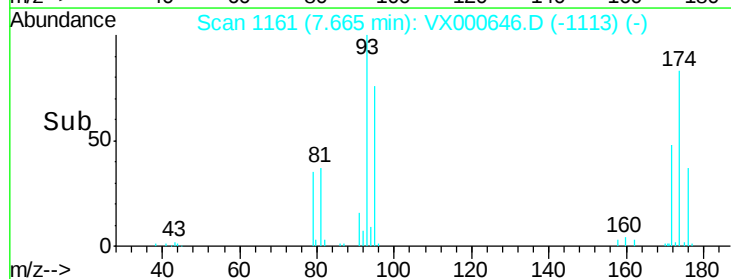
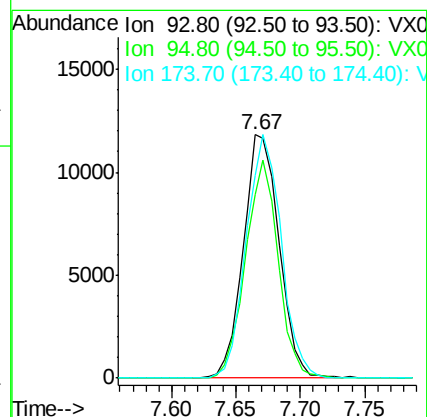
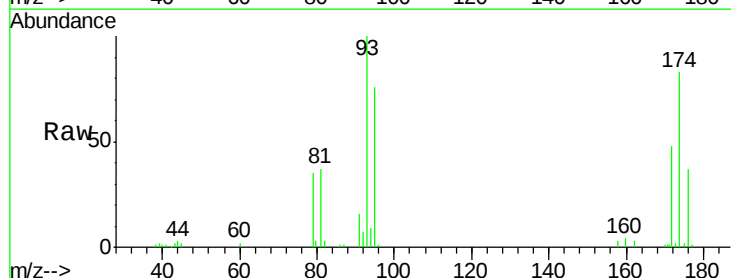
Tgt Ion: 93 Resp: 22656

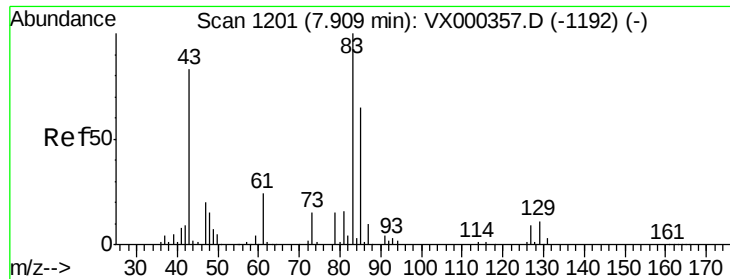
Ion Ratio Lower Upper

93 100

95 82.0 66.5 99.7

174 97.7 76.0 114.0





#47

Bromodichloromethane

Concen: 19.35 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

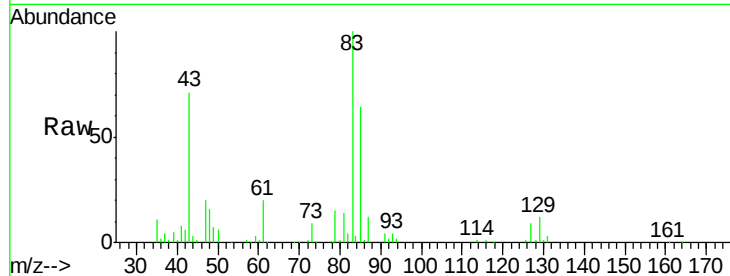
Tgt Ion: 83 Resp: 41178

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.0

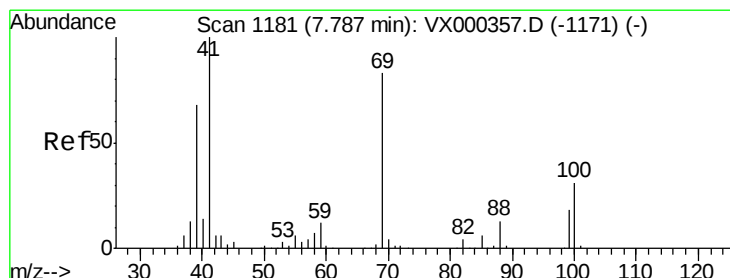
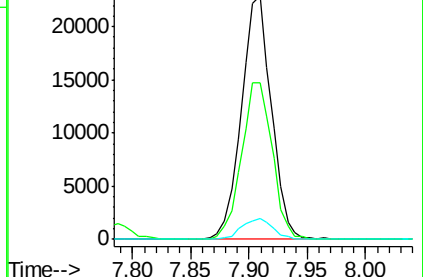
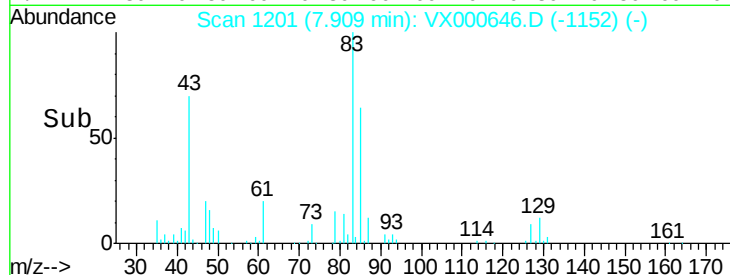
127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.68 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

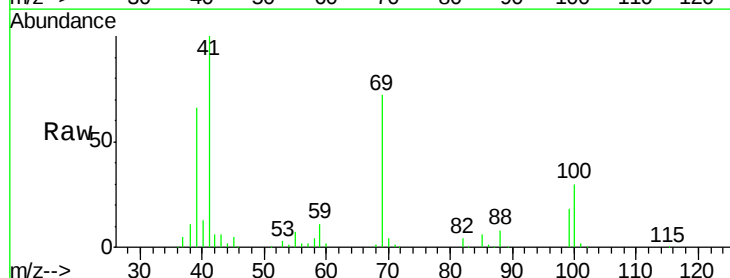
Tgt Ion: 41 Resp: 38230

Ion Ratio Lower Upper

41 100

69 83.5 68.2 102.4

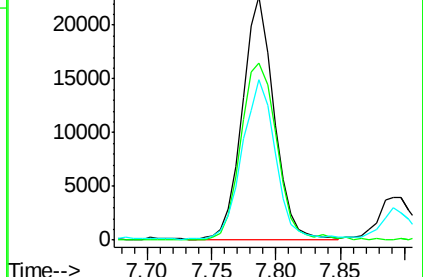
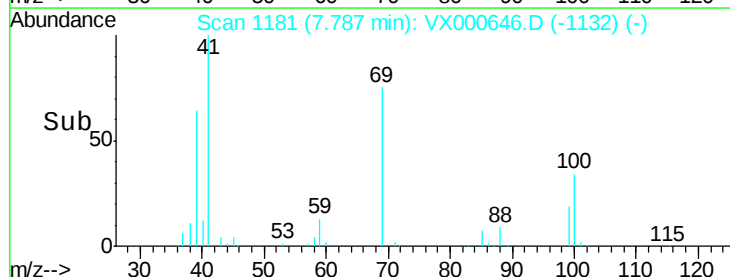
39 69.1 54.6 81.8

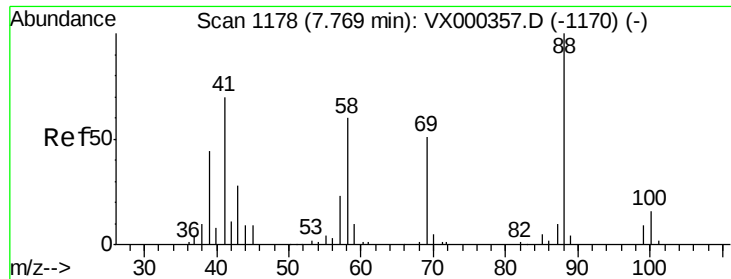


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

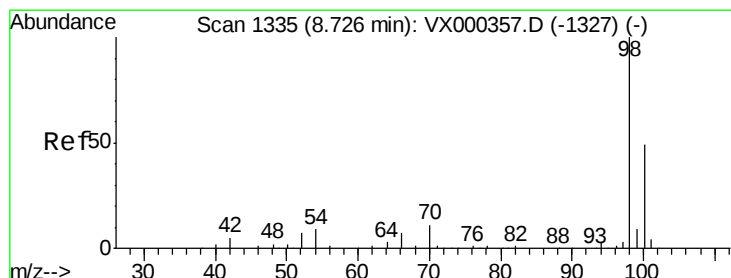
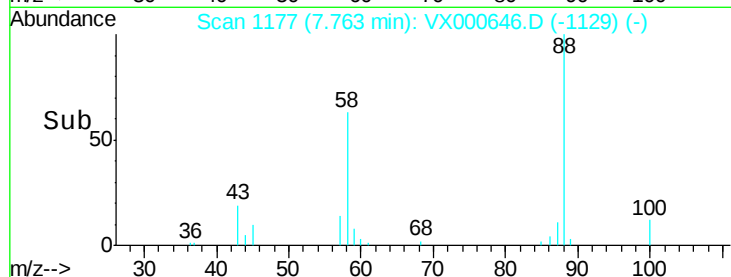
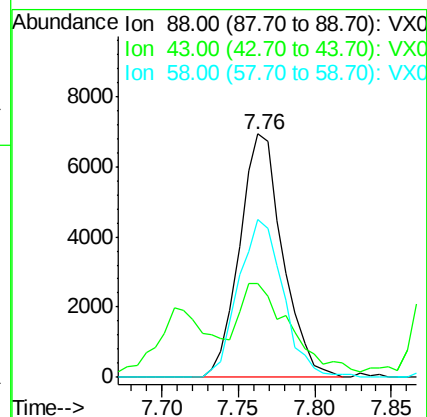
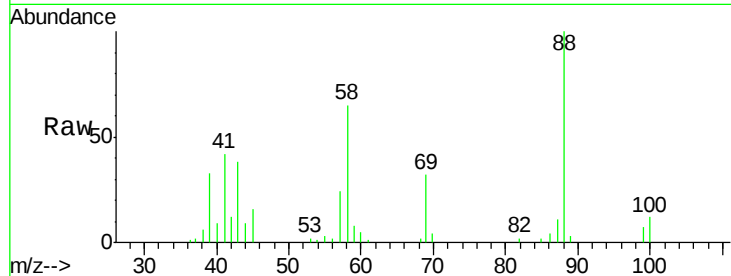




#49
1,4-Dioxane
Concen: 314.41 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

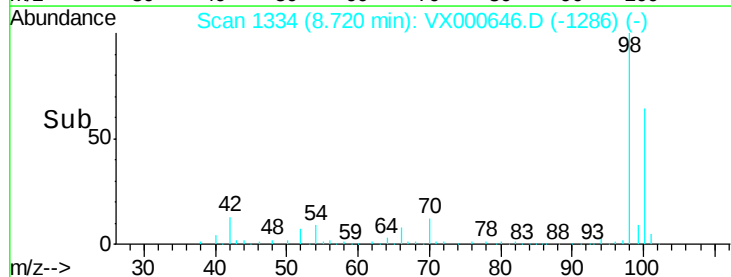
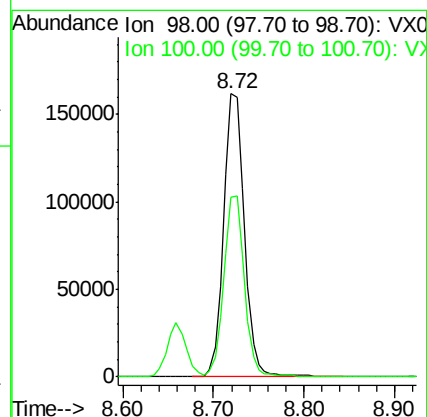
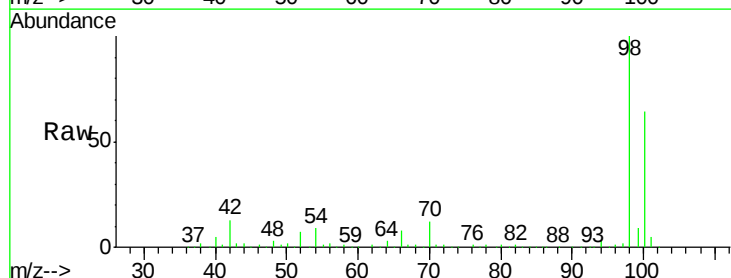
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

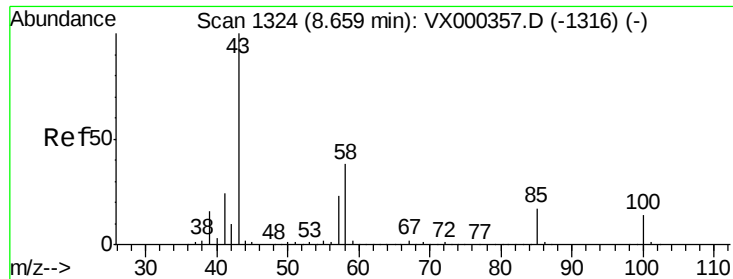
Tgt Ion: 88 Resp: 13526
Ion Ratio Lower Upper
88 100
43 40.1 26.8 40.2
58 67.6 52.2 78.2



#50
Toluene-d8
Concen: 44.79 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 98 Resp: 258715
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 93.81 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

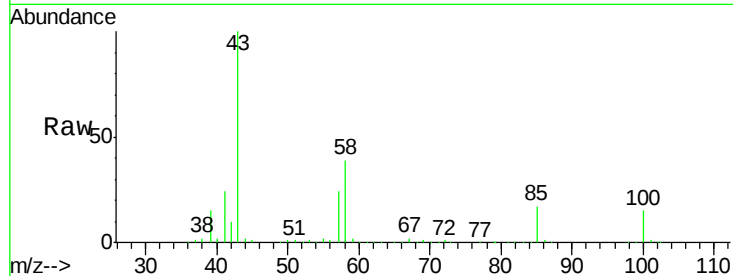
VX0402WBS02

Tgt Ion: 43 Resp: 306121

Ion Ratio Lower Upper

43 100

58 37.5 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

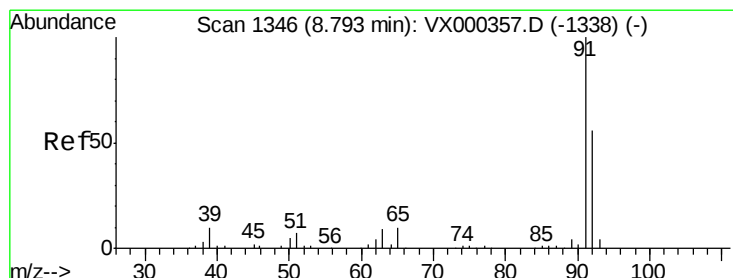
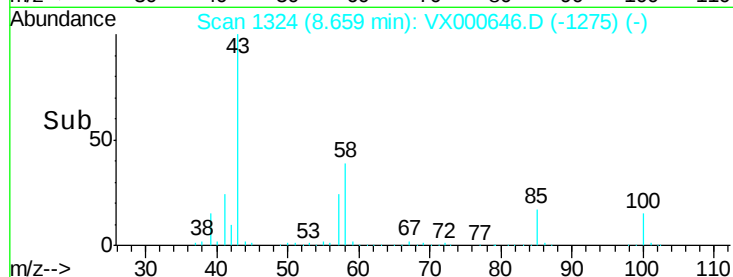
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.99 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000646.D

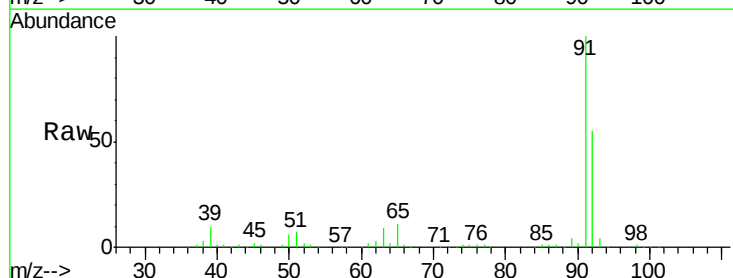
Acq: 02 Apr 2018 18:58

Tgt Ion: 92 Resp: 79923

Ion Ratio Lower Upper

92 100

91 175.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

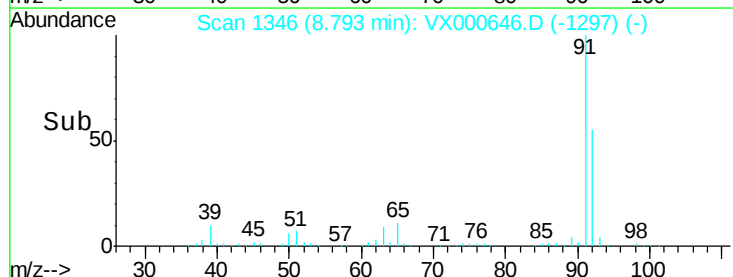
60000

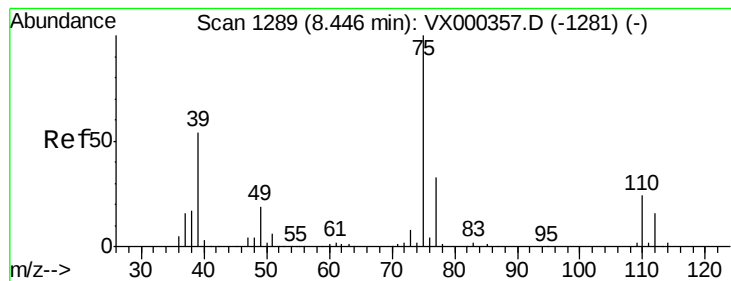
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.17 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

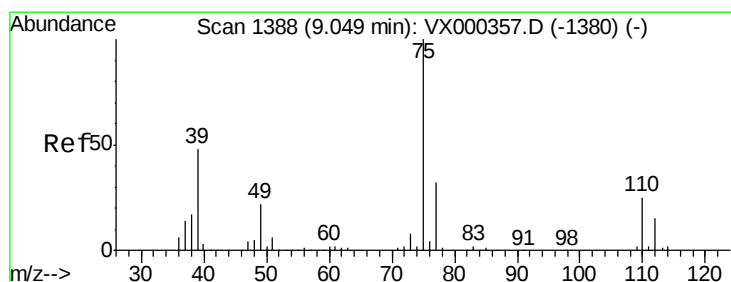
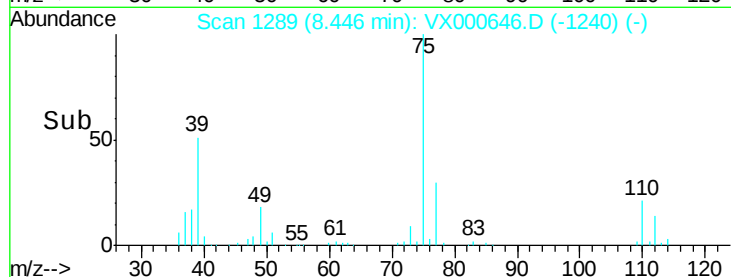
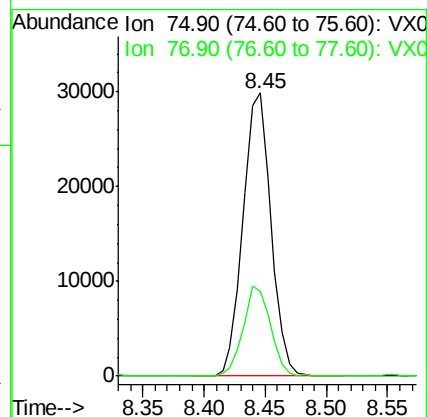
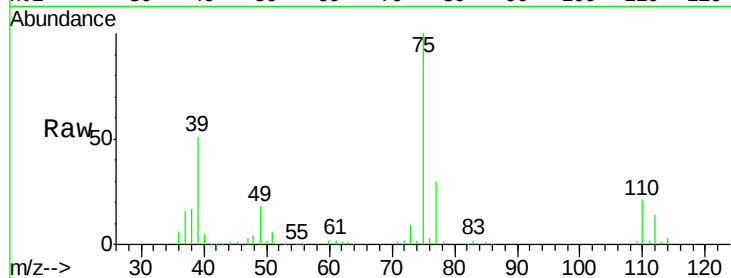
VX0402WBS02

Tgt Ion: 75 Resp: 47269

Ion Ratio Lower Upper

75 100

77 29.9 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 19.93 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

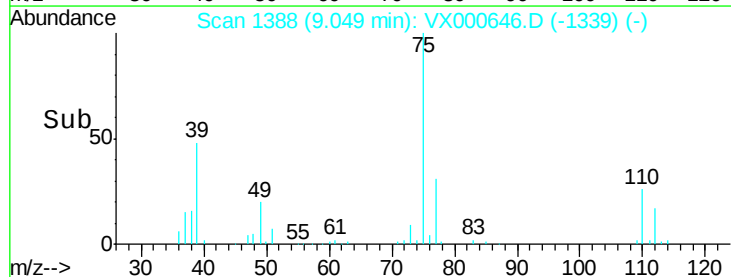
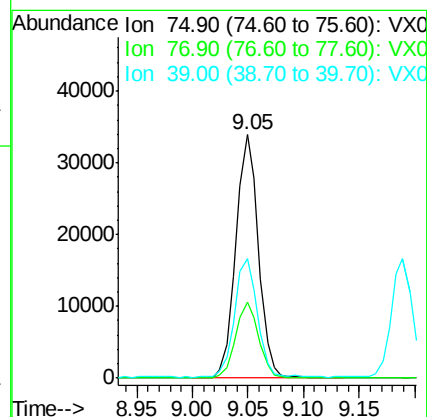
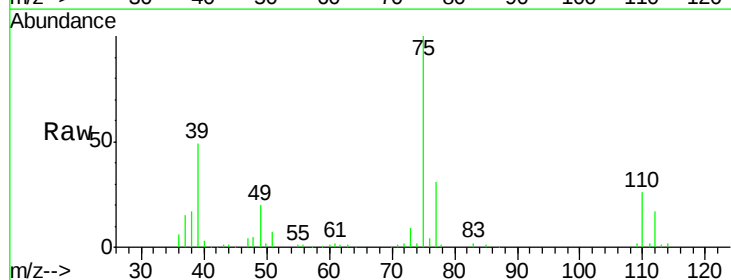
Tgt Ion: 75 Resp: 47684

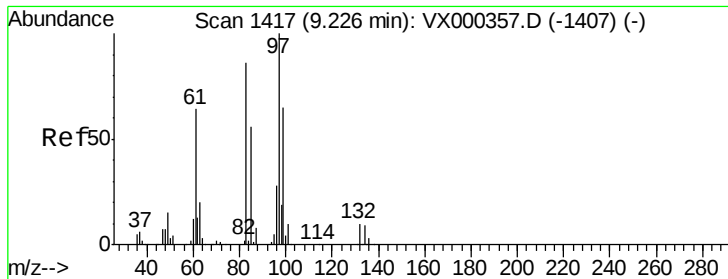
Ion Ratio Lower Upper

75 100

77 31.1 26.1 39.1

39 49.0 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 19.14 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

Tgt Ion: 97 Resp: 33123

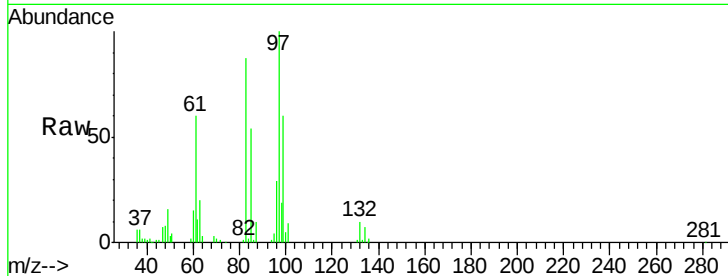
Ion Ratio Lower Upper

97 100

83 86.7 67.9 101.9

85 54.0 42.8 64.2

99 60.2 49.4 74.2

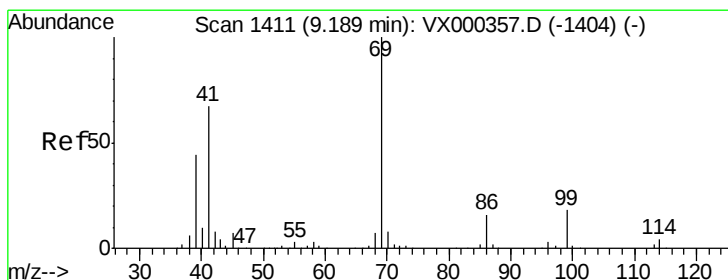
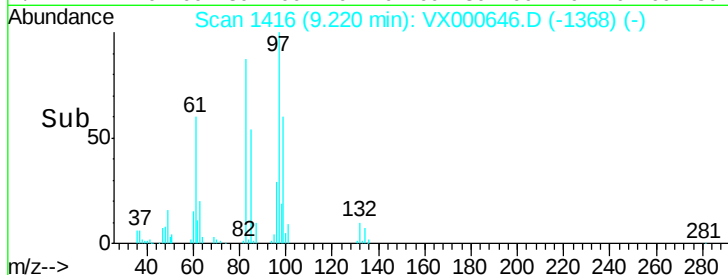
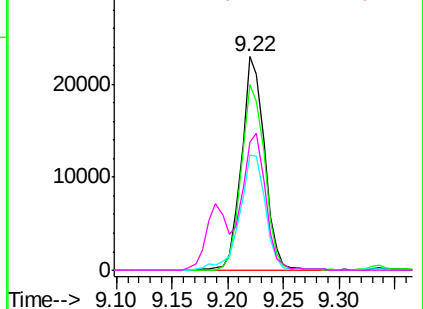


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 19.09 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

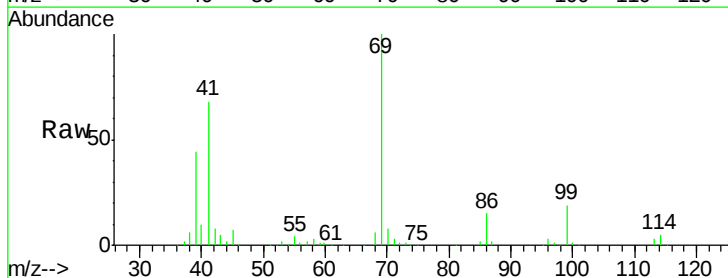
Tgt Ion: 69 Resp: 50071

Ion Ratio Lower Upper

69 100

41 66.6 53.0 79.6

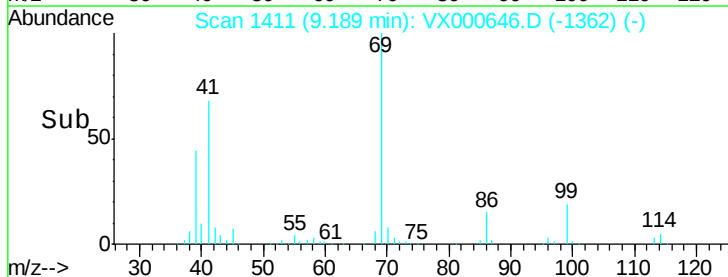
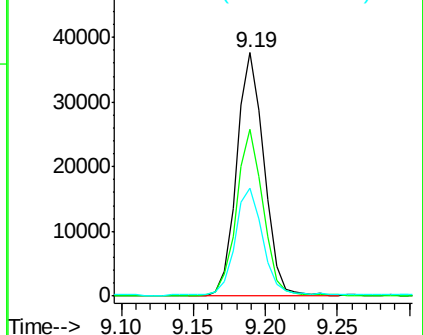
39 45.5 35.3 52.9

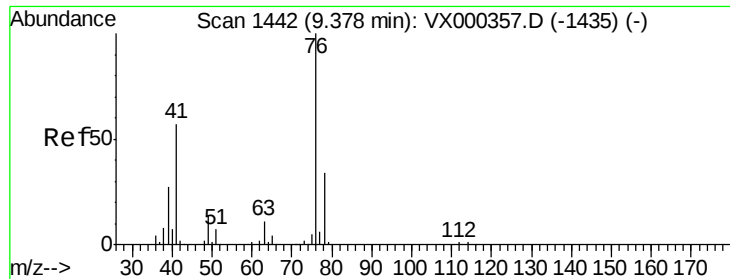


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.86 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

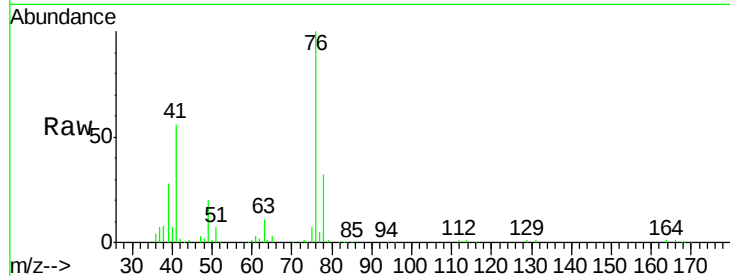
VX0402WBS02

Tgt Ion: 76 Resp: 54987

Ion Ratio Lower Upper

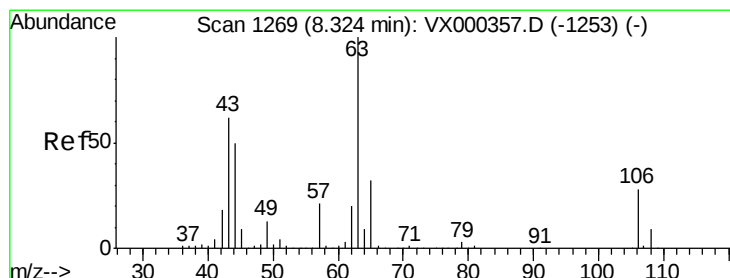
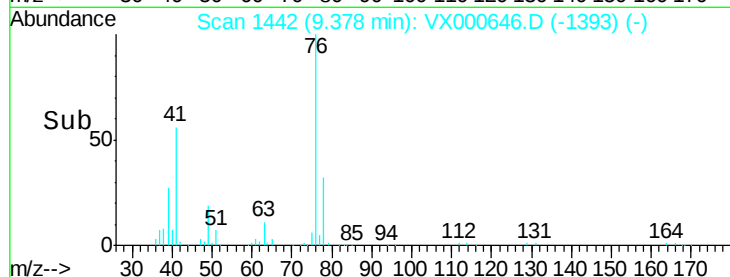
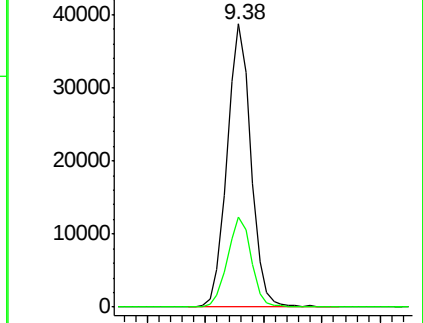
76 100

78 31.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 75.25 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000646.D

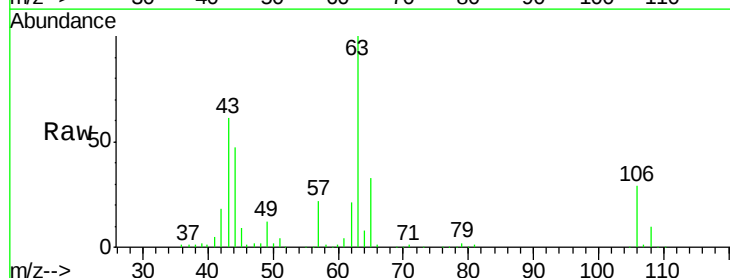
Acq: 02 Apr 2018 18:58

Tgt Ion: 63 Resp: 94726

Ion Ratio Lower Upper

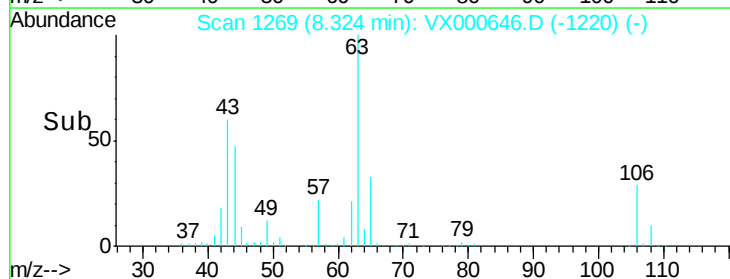
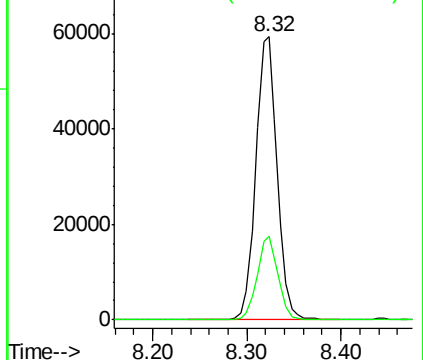
63 100

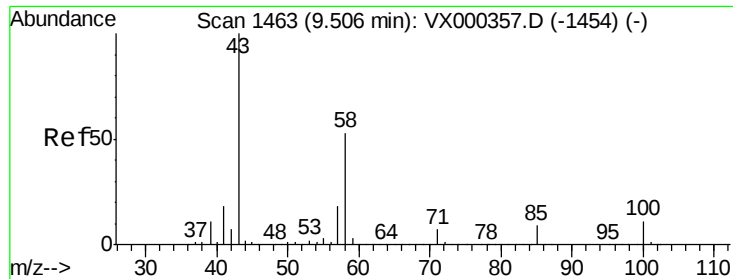
106 28.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

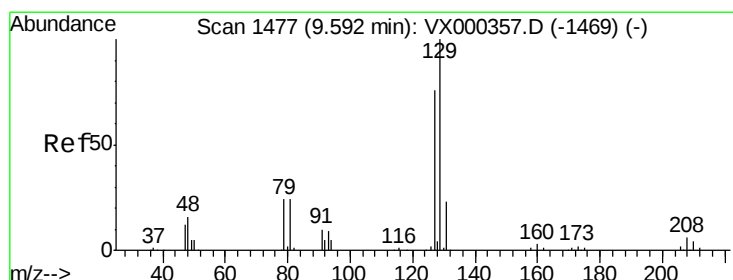
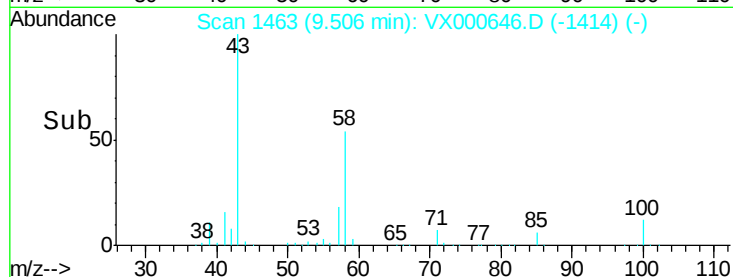
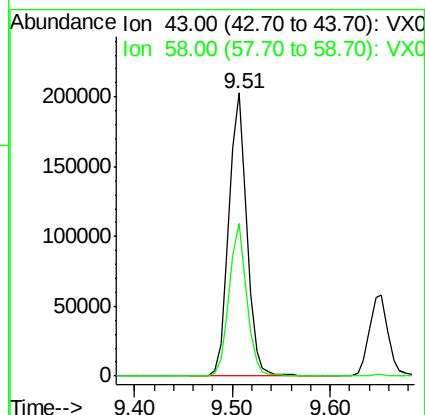
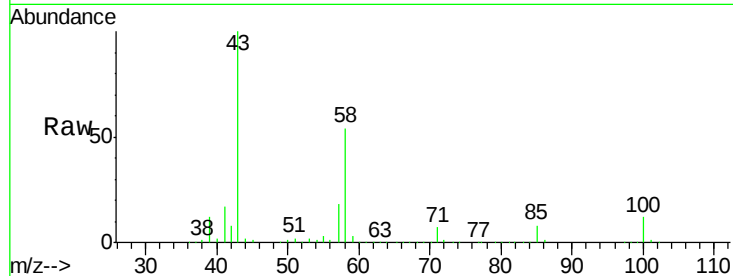




#59
2-Hexanone
Concen: 93.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

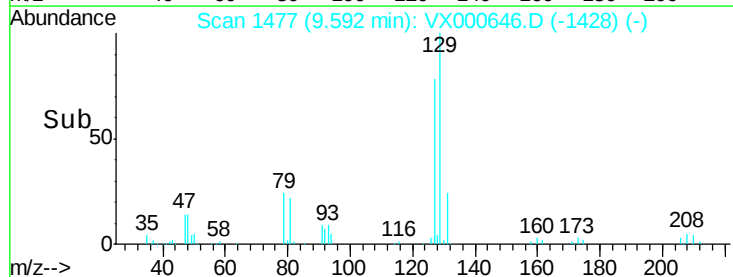
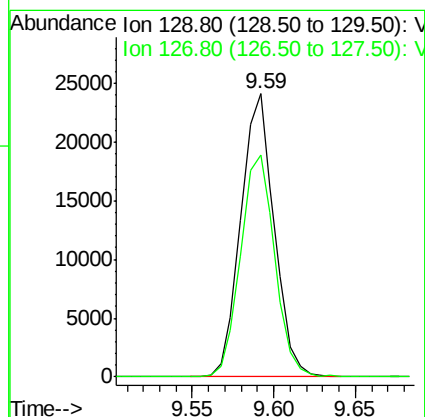
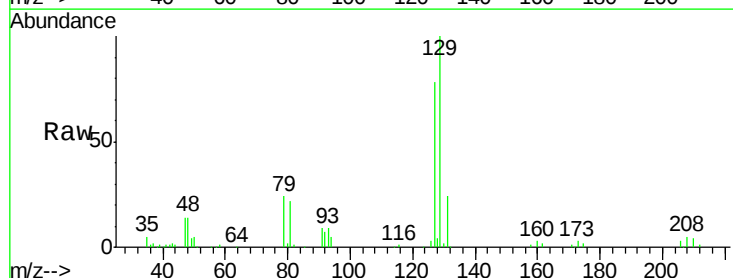
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

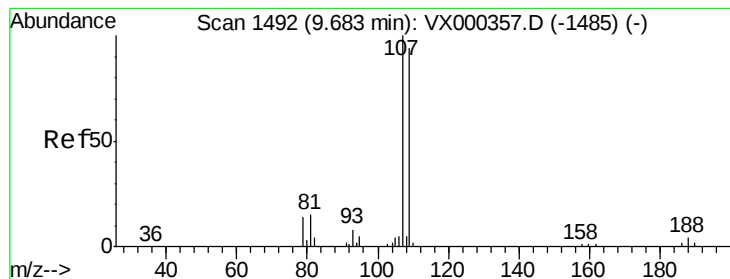
Tgt Ion: 43 Resp: 260194
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.7



#60
Dibromochloromethane
Concen: 19.51 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 129 Resp: 34354
Ion Ratio Lower Upper
129 100
127 80.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 19.33 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

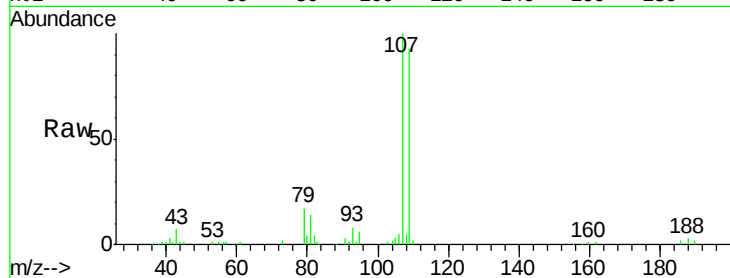
VX0402WBS02

Tgt Ion: 107 Resp: 35878

Ion Ratio Lower Upper

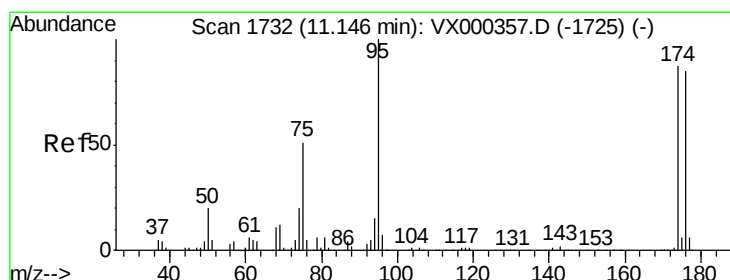
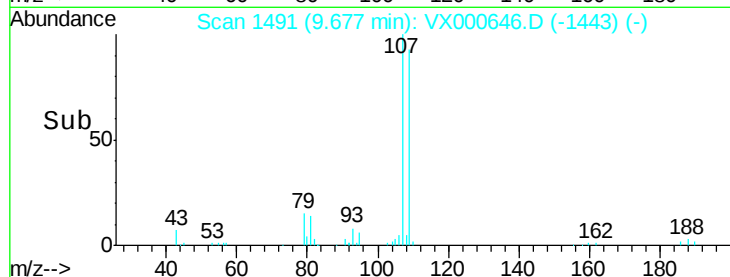
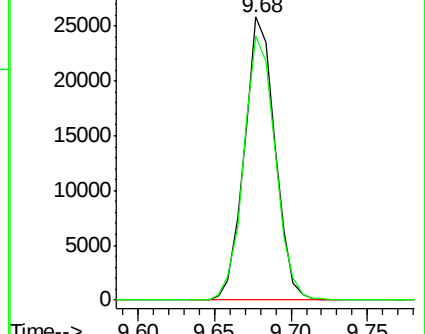
107 100

109 96.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.49 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

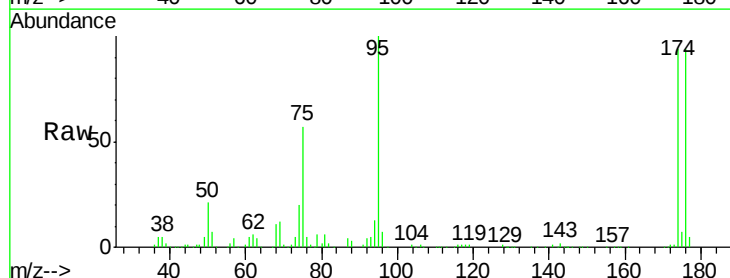
Tgt Ion: 95 Resp: 103928

Ion Ratio Lower Upper

95 100

174 89.1 0.0 173.6

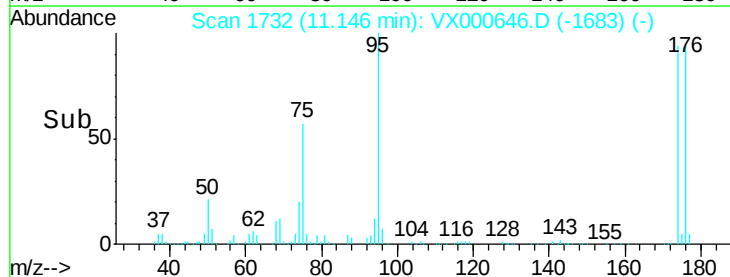
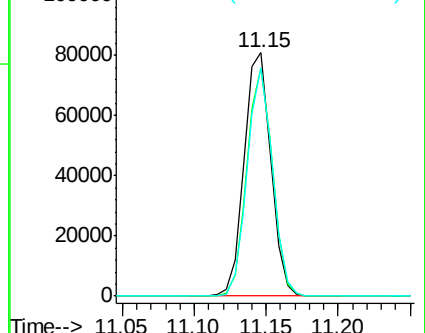
176 88.2 0.0 164.6

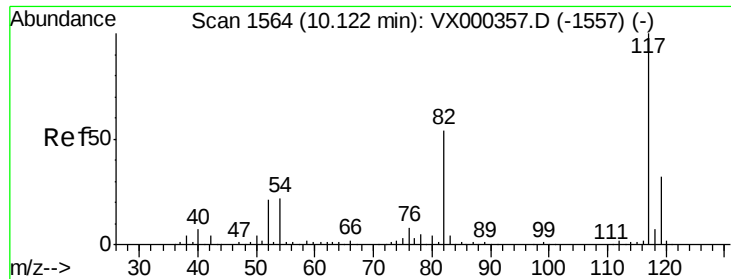


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

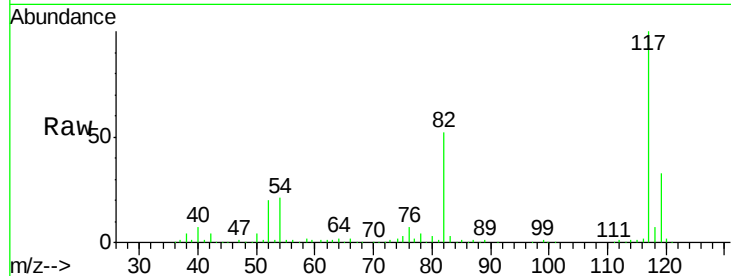




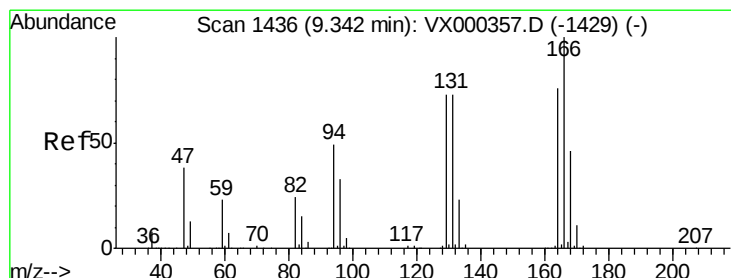
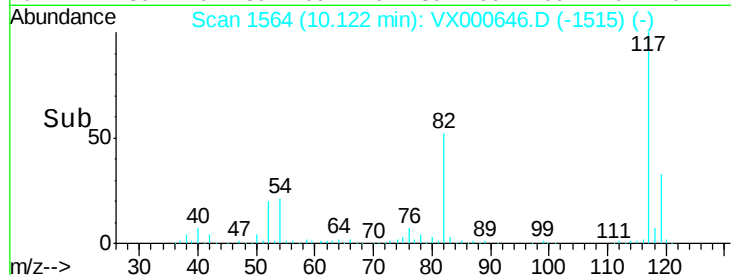
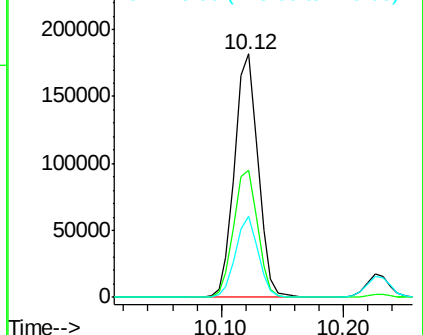
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

Tgt Ion:117 Resp: 241425
Ion Ratio Lower Upper
117 100
82 52.3 43.8 65.8
119 33.1 24.9 37.3



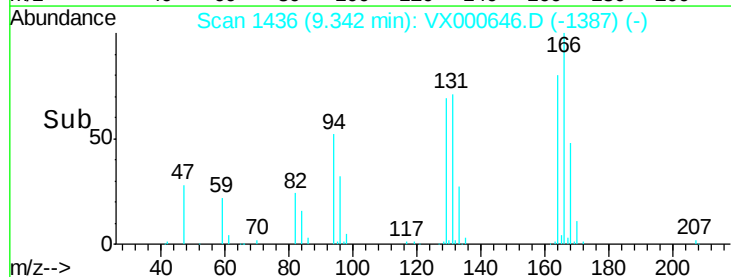
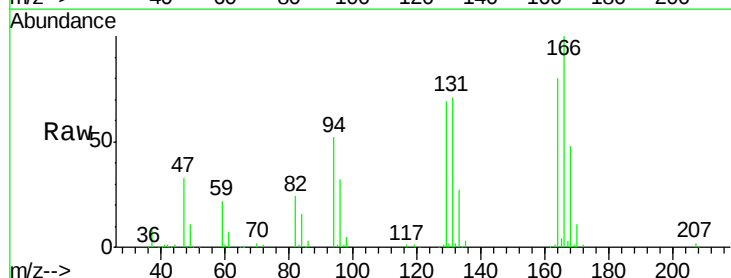
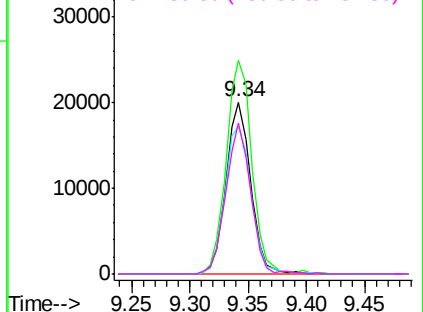
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

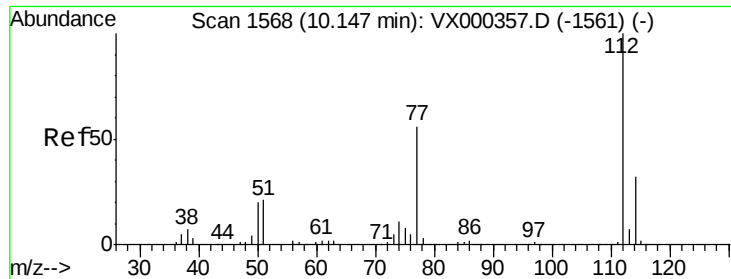


#64
Tetrachloroethene
Concen: 15.76 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion:164 Resp: 29529
Ion Ratio Lower Upper
164 100
166 124.3 101.0 151.6
129 85.8 79.0 118.4
131 87.8 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

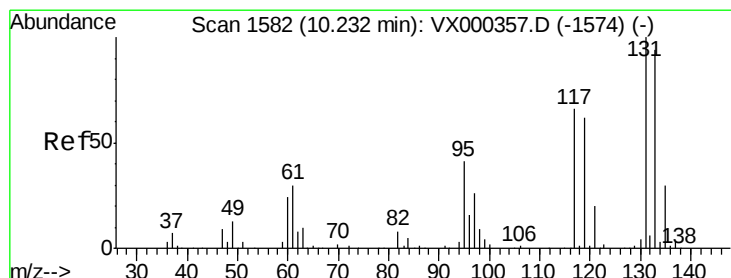
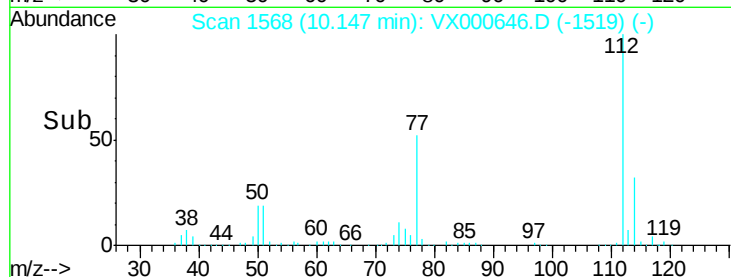
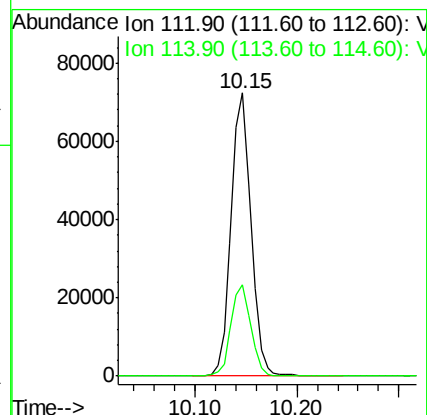
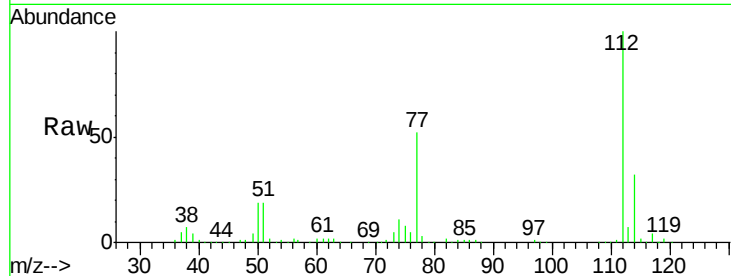




#65
Chlorobenzene
Concen: 18.20 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

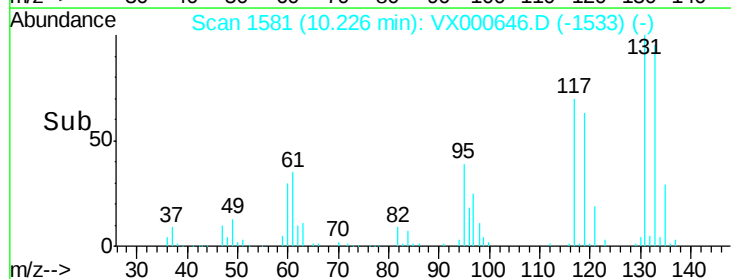
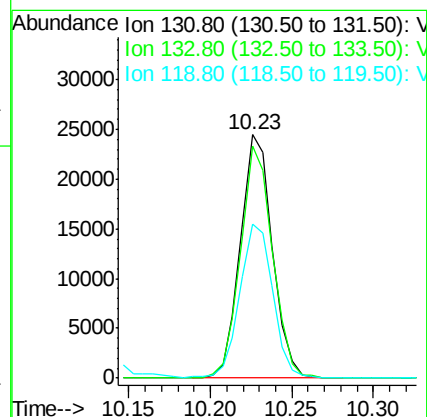
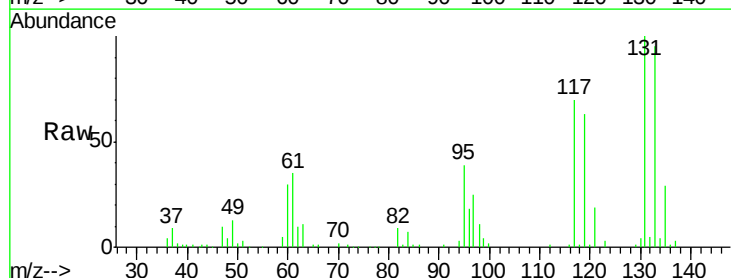
Instrument :
MSVOA_X
ClientSampled :
VX0402WBS02

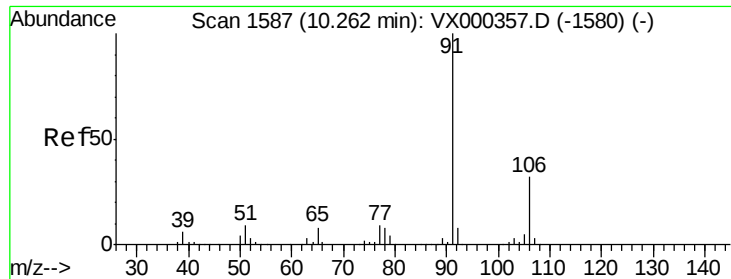
Tgt Ion:112 Resp: 97811
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.33 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion:131 Resp: 33443
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.3
119 65.5 33.1 99.2

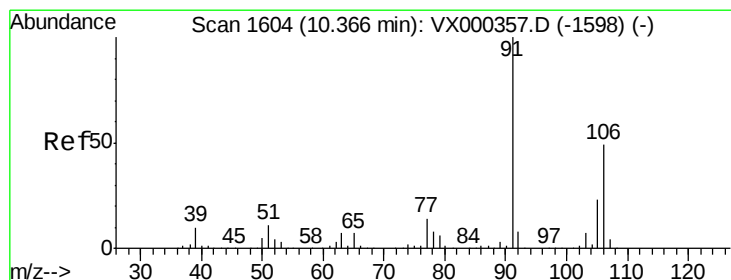
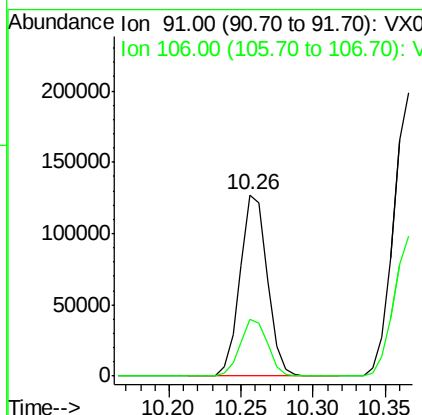
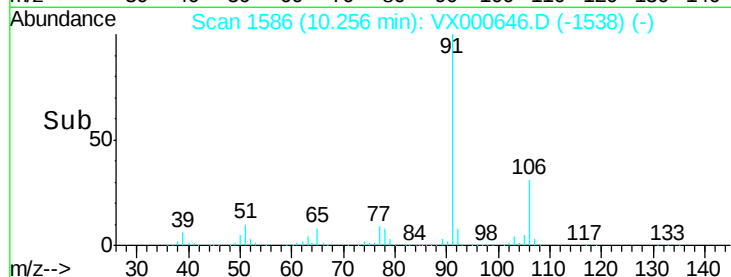
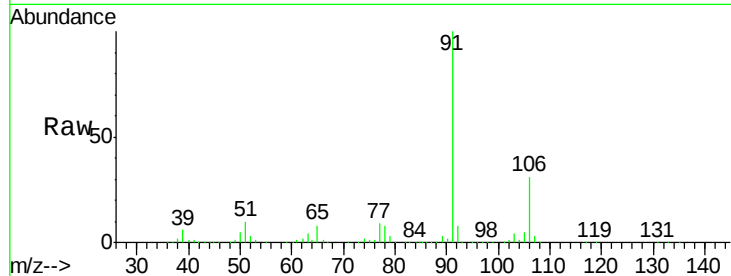




#67
Ethyl Benzene
Concen: 18.39 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

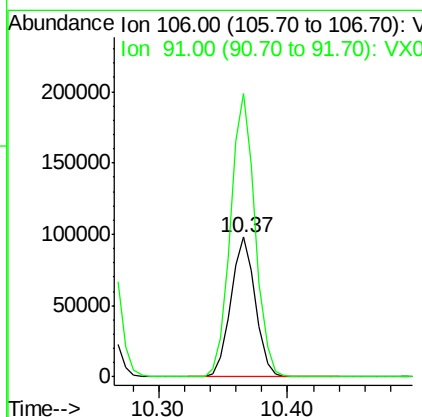
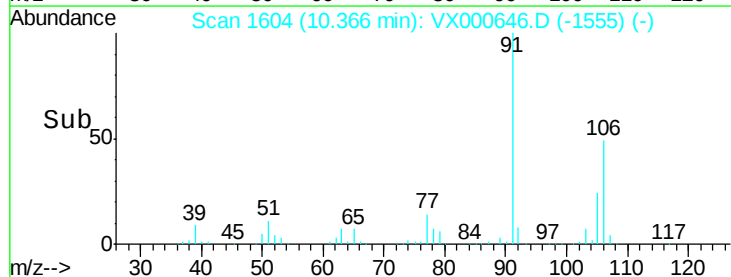
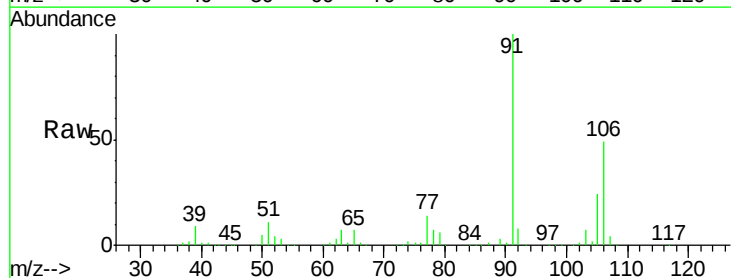
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

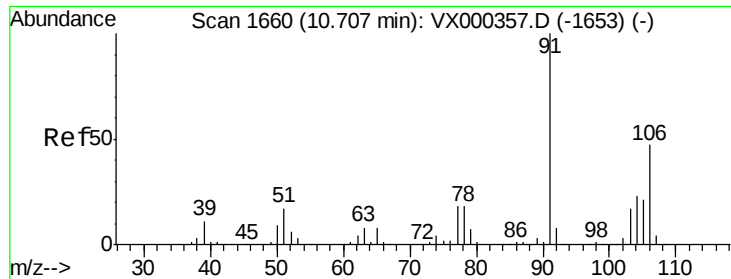
Tgt Ion: 91 Resp: 167511
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 36.45 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 106 Resp: 130635
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2

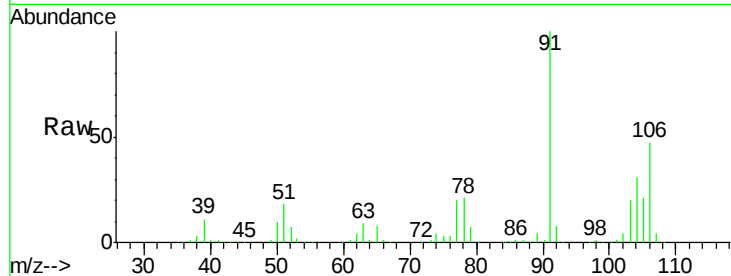




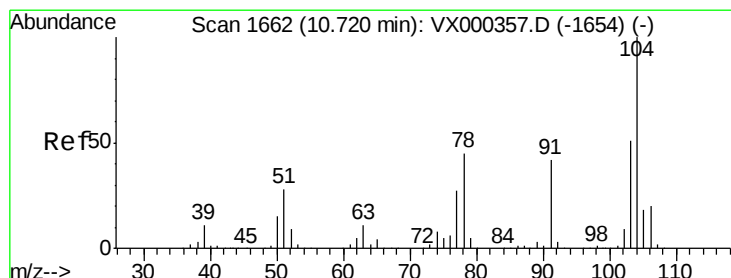
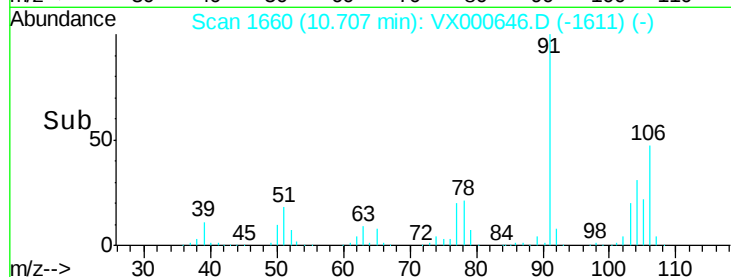
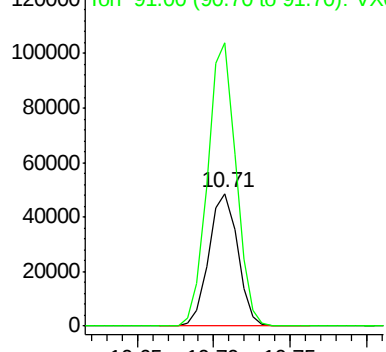
#69
o-Xylene
Concen: 18.36 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

Tgt Ion:106 Resp: 63712
Ion Ratio Lower Upper
106 100
91 210.1 106.5 319.6

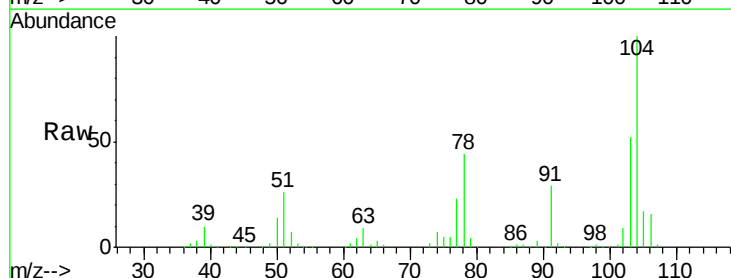


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

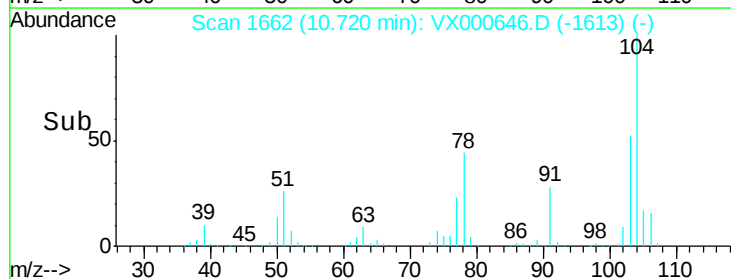
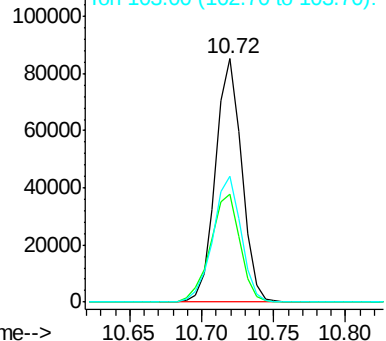


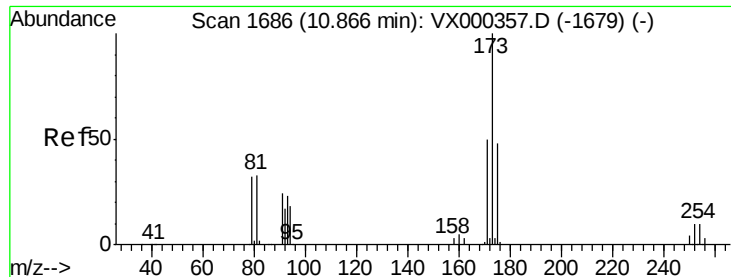
#70
Styrene
Concen: 18.68 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion:104 Resp: 107251
Ion Ratio Lower Upper
104 100
78 50.0 40.5 60.7
103 55.7 45.7 68.5



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





#71

Bromoform

Concen: 18.17 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

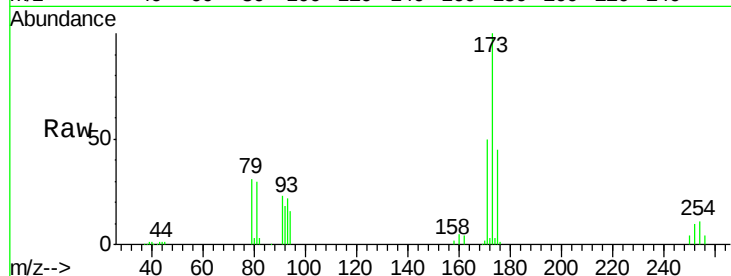
Tgt Ion:173 Resp: 28160

Ion Ratio Lower Upper

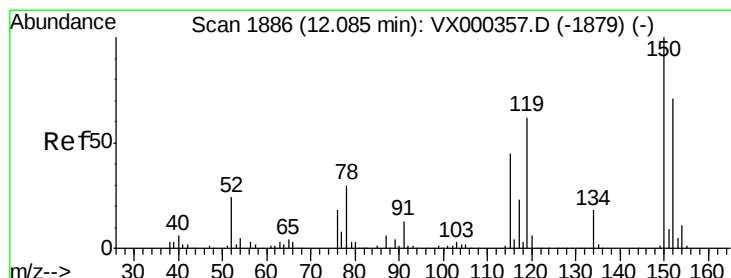
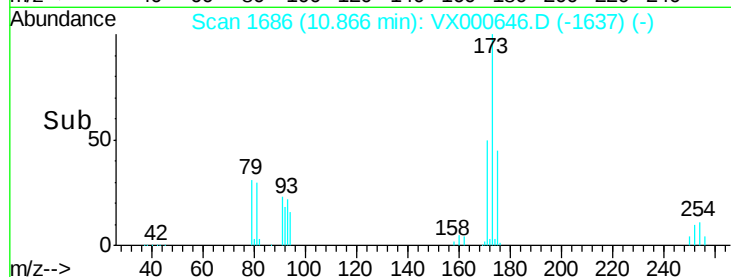
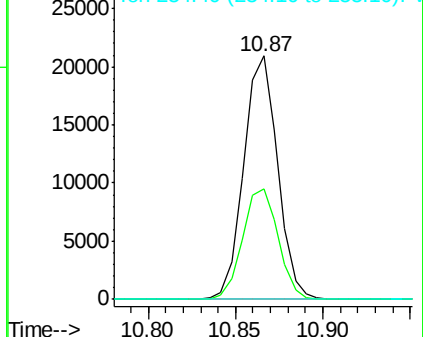
173 100

175 47.7 25.4 76.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

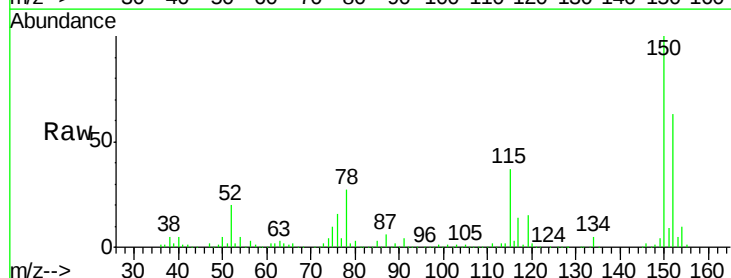
Tgt Ion:152 Resp: 153953

Ion Ratio Lower Upper

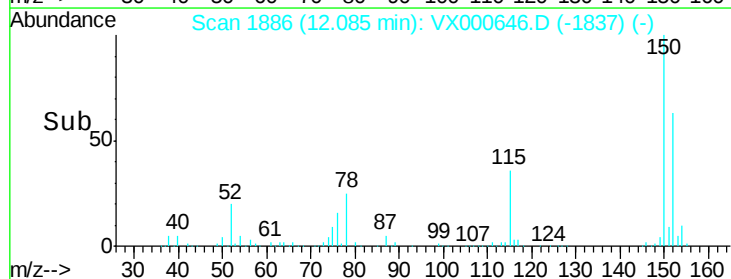
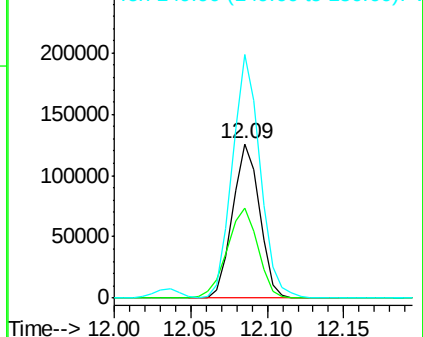
152 100

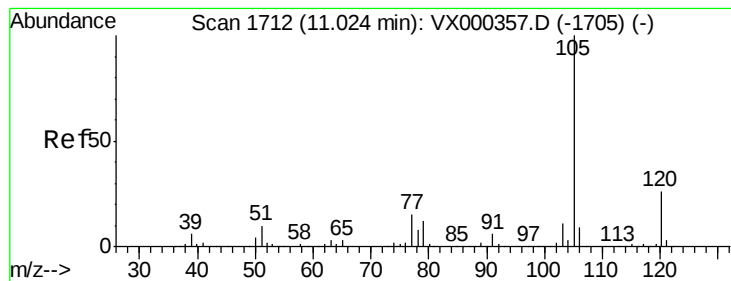
115 66.2 39.8 119.3

150 162.2 0.0 344.4



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: 17.16 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

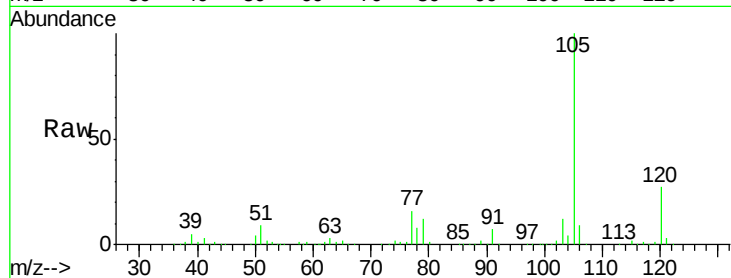
VX0402WBS02

Tgt Ion: 105 Resp: 175073

Ion Ratio Lower Upper

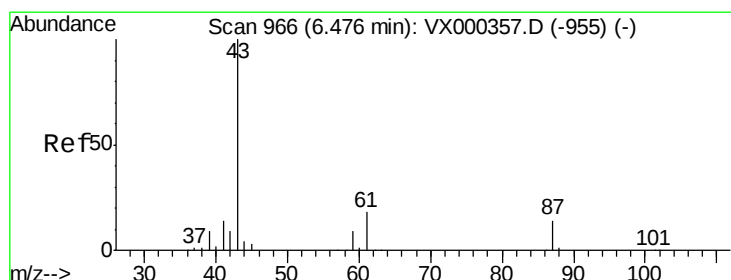
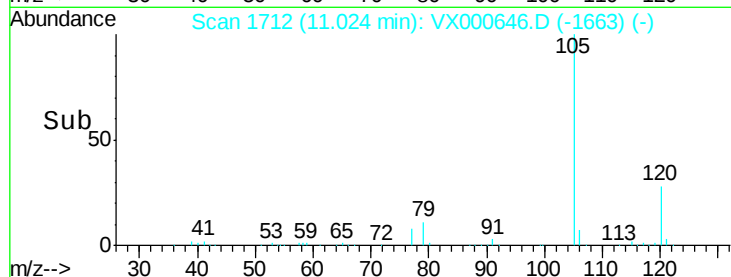
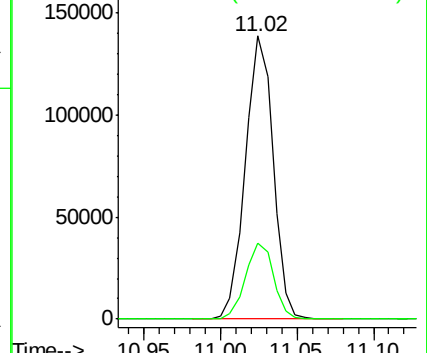
105 100

120 26.9 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: 15.00 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Tgt Ion: 43 Resp: 76955

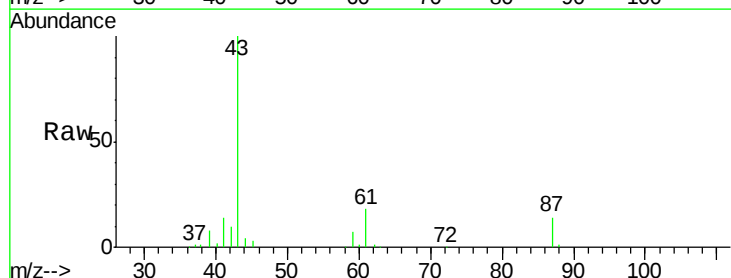
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.9 14.4 21.6

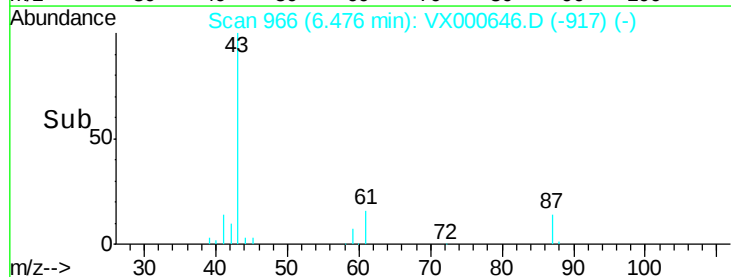
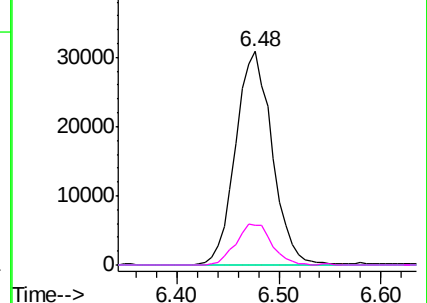


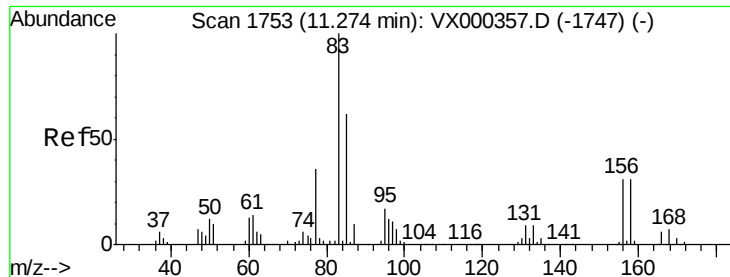
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 17.77 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

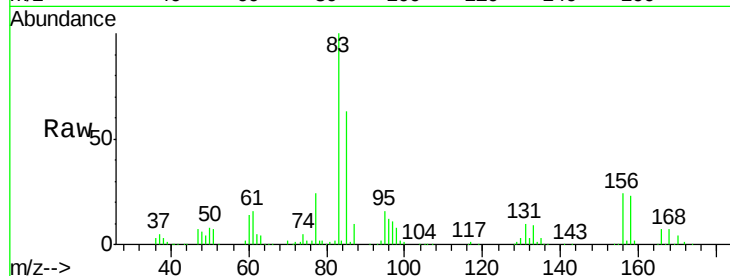
Tgt Ion: 83 Resp: 64107

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

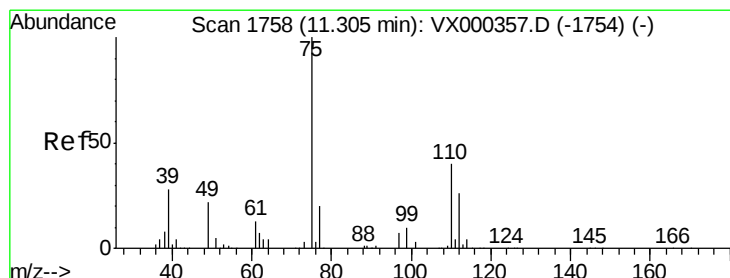
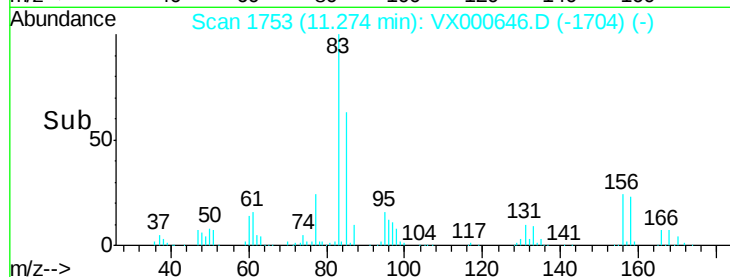
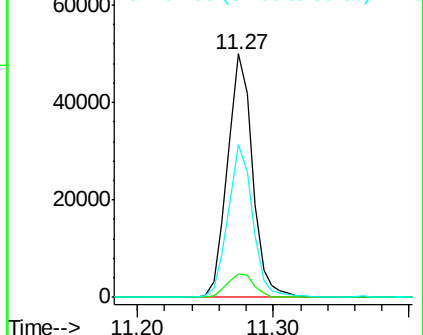
85 62.1 32.5 97.5



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: 21.33 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000646.D

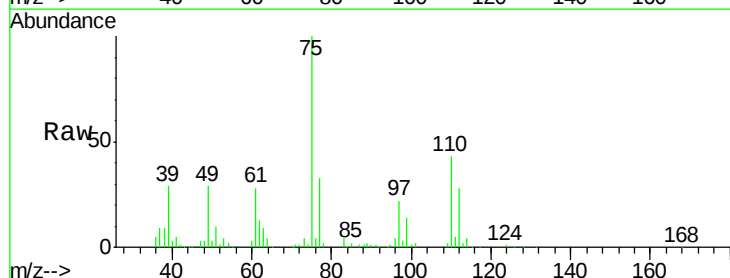
Acq: 02 Apr 2018 18:58

Tgt Ion: 75 Resp: 70570

Ion Ratio Lower Upper

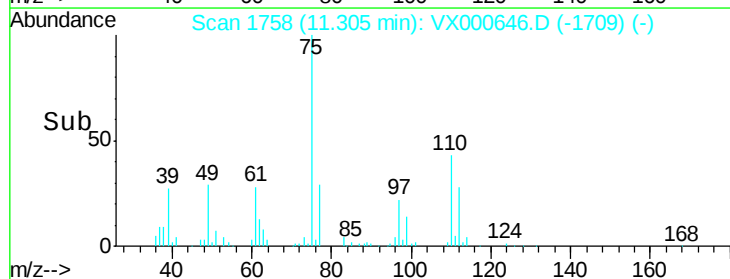
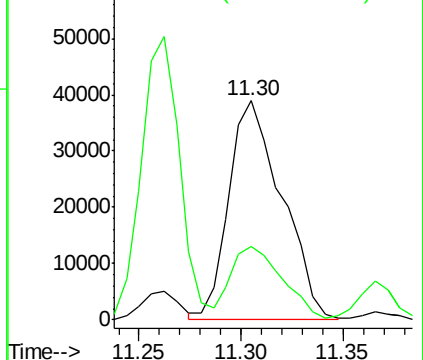
75 100

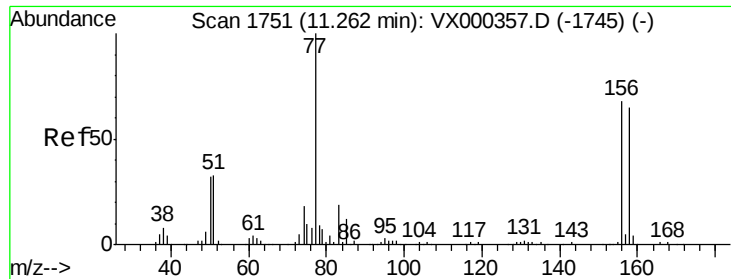
77 32.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.61 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

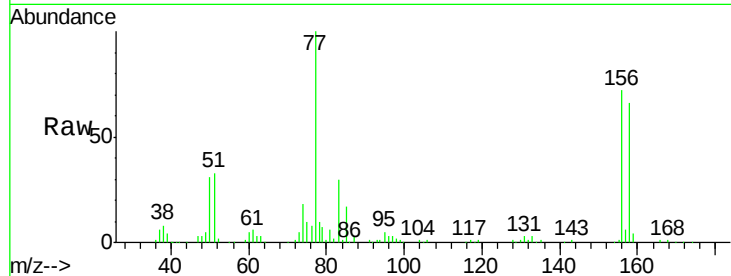
Tgt Ion:156 Resp: 45140

Ion Ratio Lower Upper

156 100

77 145.4 73.4 220.2

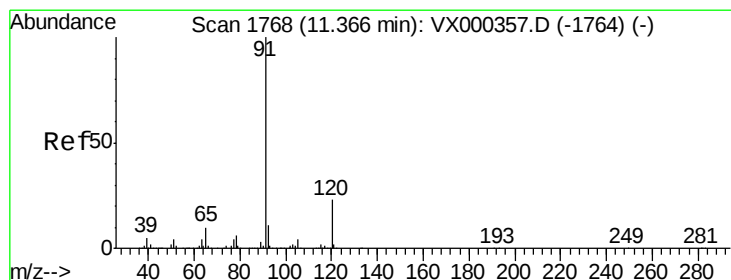
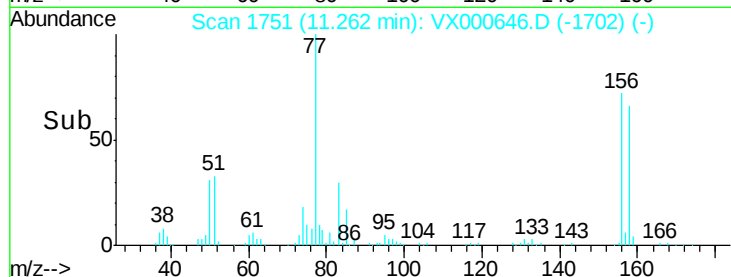
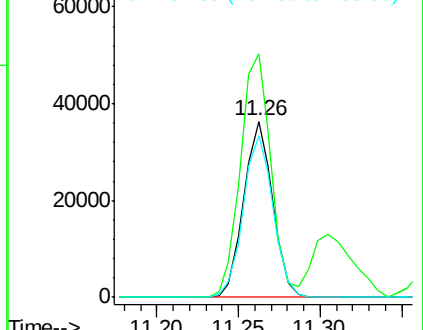
158 94.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.54 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000646.D

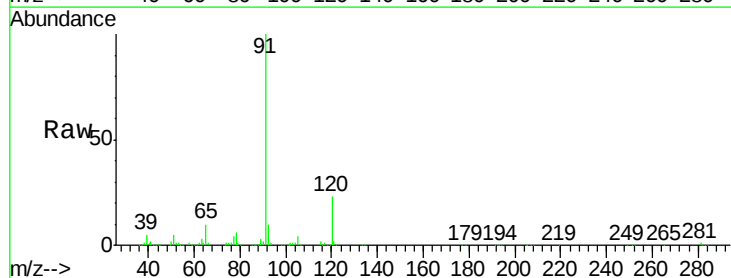
Acq: 02 Apr 2018 18:58

Tgt Ion: 91 Resp: 213295

Ion Ratio Lower Upper

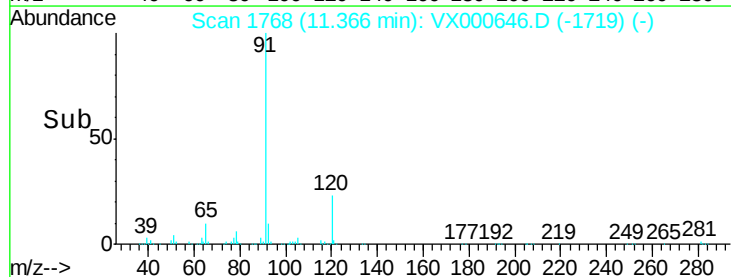
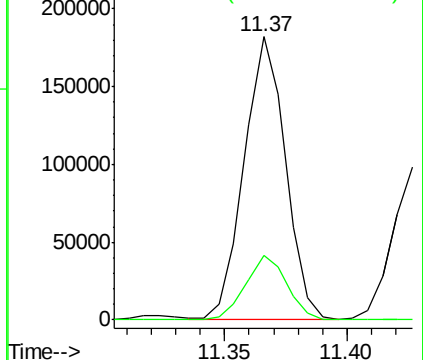
91 100

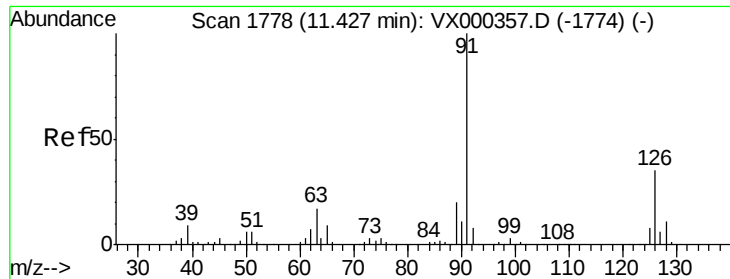
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.15 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

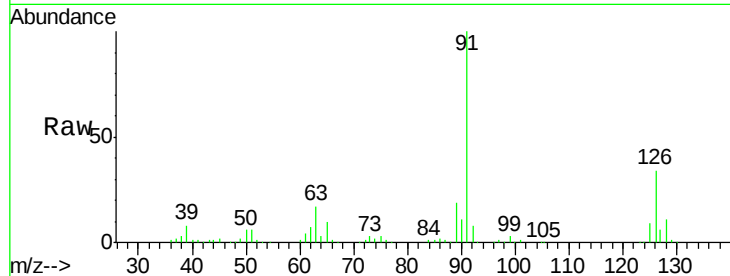
VX0402WBS02

Tgt Ion: 91 Resp: 120524

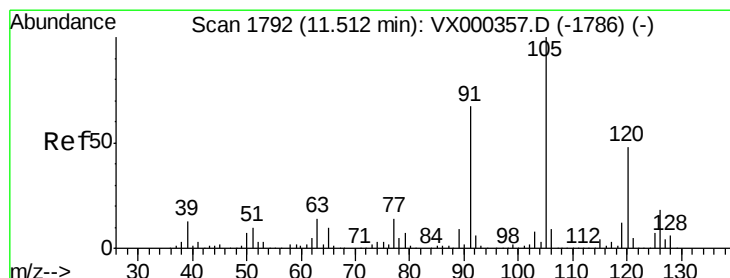
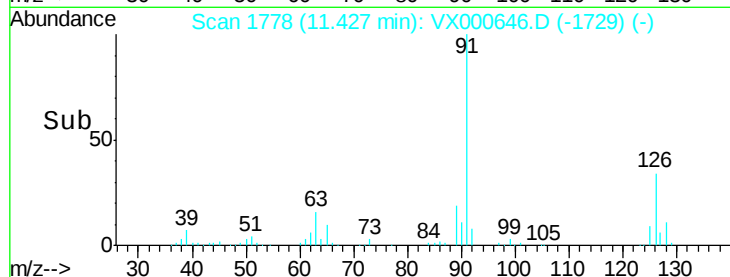
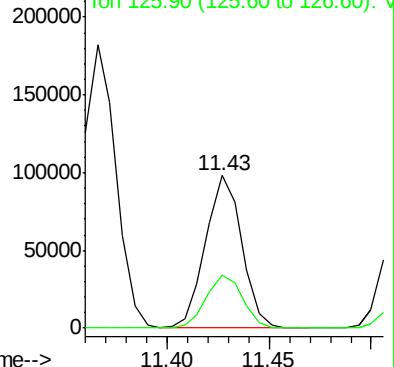
Ion Ratio Lower Upper

91 100

126 35.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000646.D

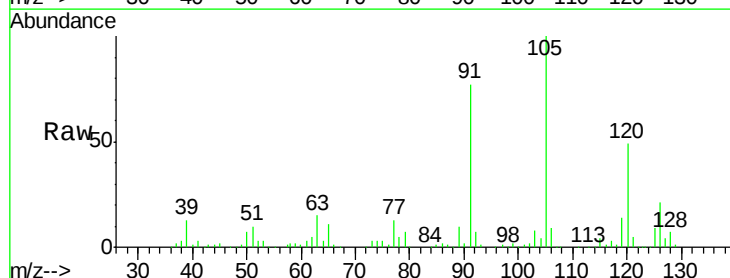
Acq: 02 Apr 2018 18:58

Tgt Ion: 105 Resp: 154631

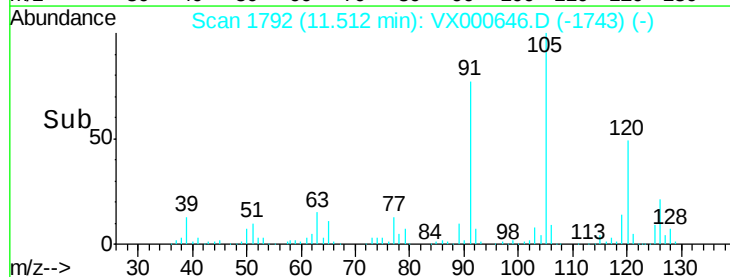
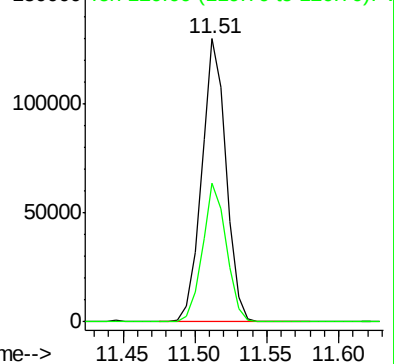
Ion Ratio Lower Upper

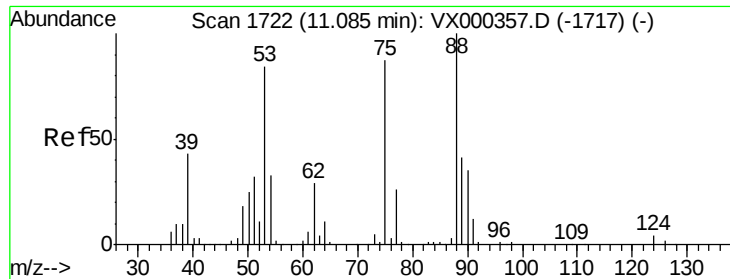
105 100

120 47.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

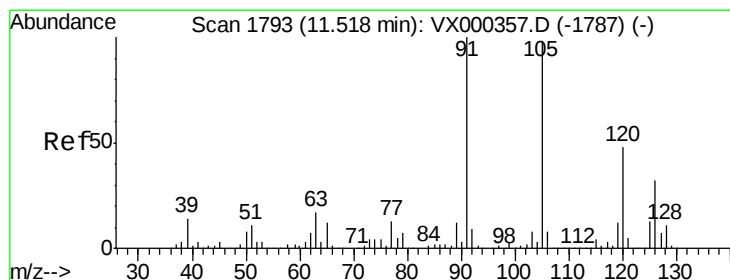
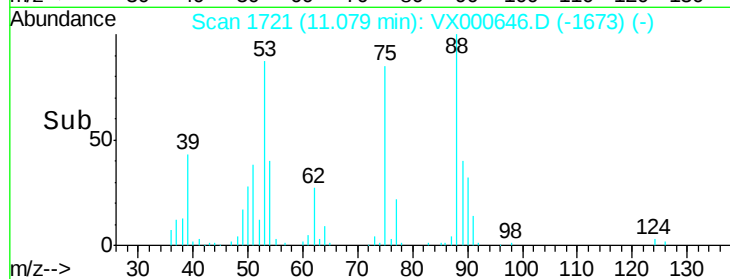
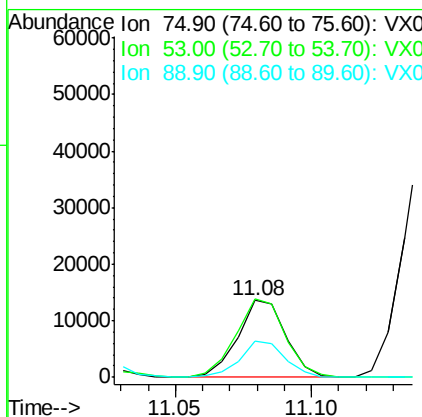
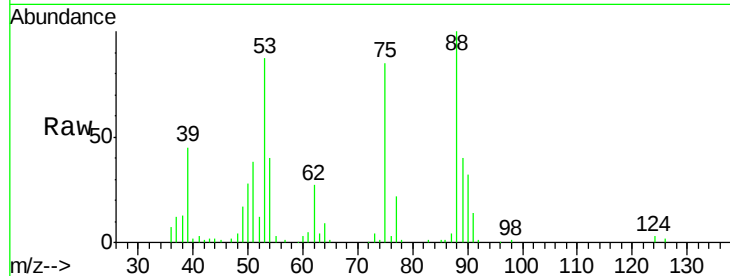




#81
trans-1,4-Dichloro-2-butene
Concen: 16.31 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

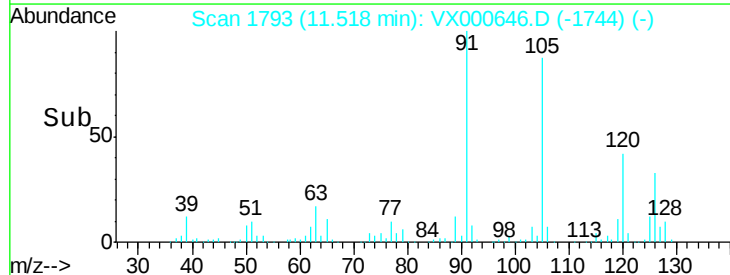
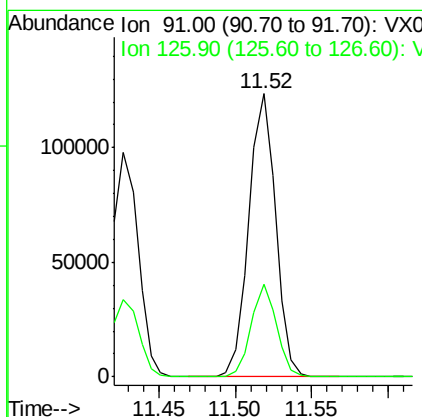
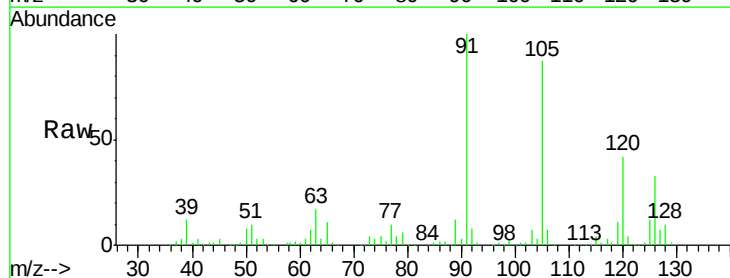
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS02

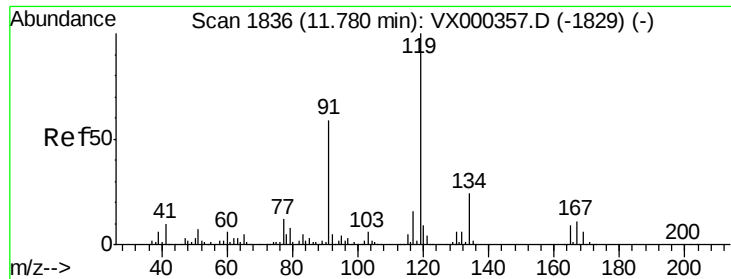
Tgt Ion: 75 Resp: 16669
Ion Ratio Lower Upper
75 100
53 105.1 80.7 121.1
89 44.6 39.4 59.0



#82
4-Chlorotoluene
Concen: 17.95 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000646.D
Acq: 02 Apr 2018 18:58

Tgt Ion: 91 Resp: 150590
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.1

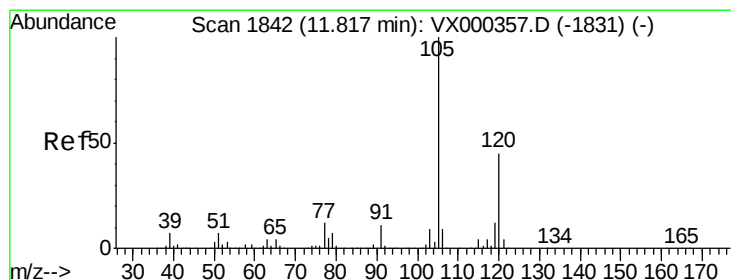
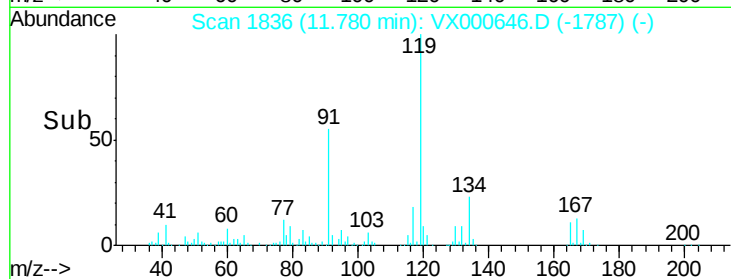
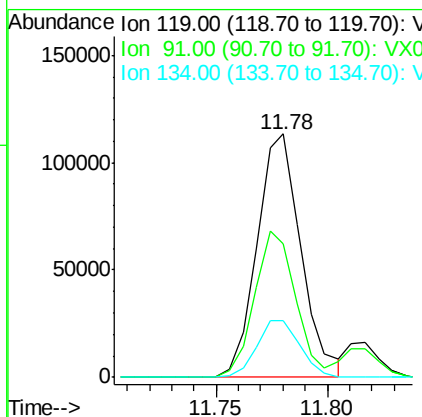
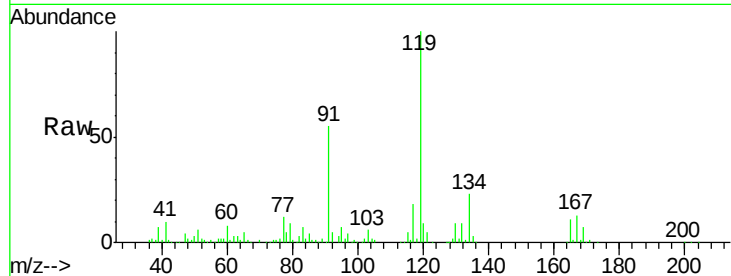




#83
 tert-Butylbenzene
 Concen: 17.97 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

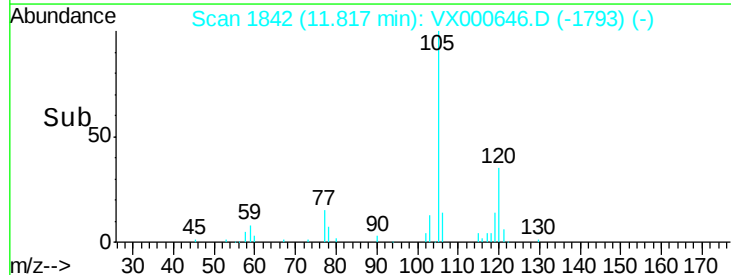
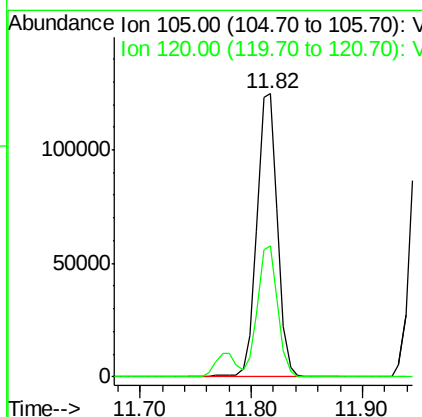
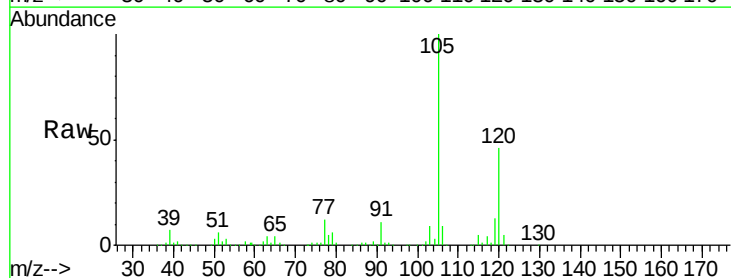
Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBS02

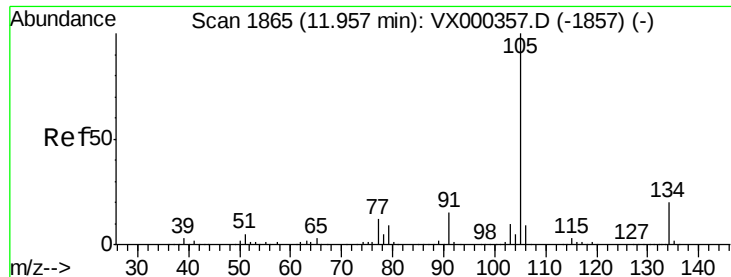
Tgt Ion:119 Resp: 155442
 Ion Ratio Lower Upper
 119 100
 91 56.3 28.8 86.4
 134 23.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.83 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

Tgt Ion:105 Resp: 160308
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3

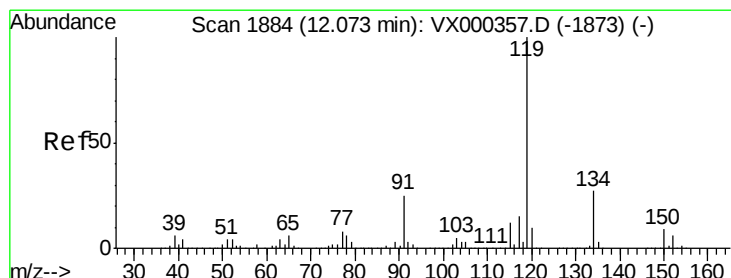
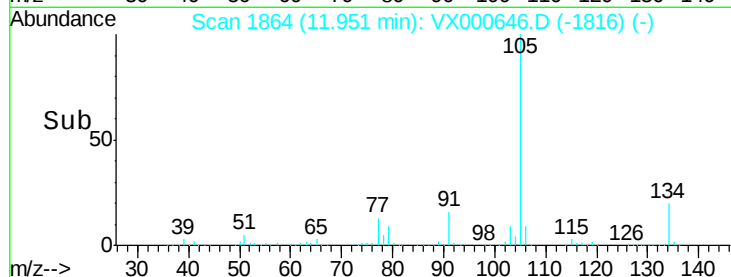
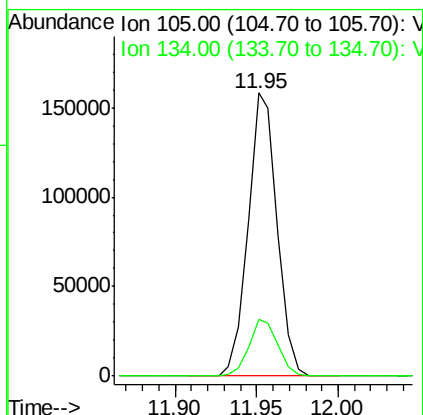
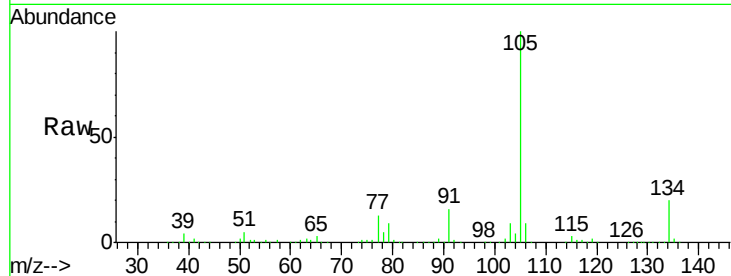




#85
 sec-Butylbenzene
 Concen: 18.25 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

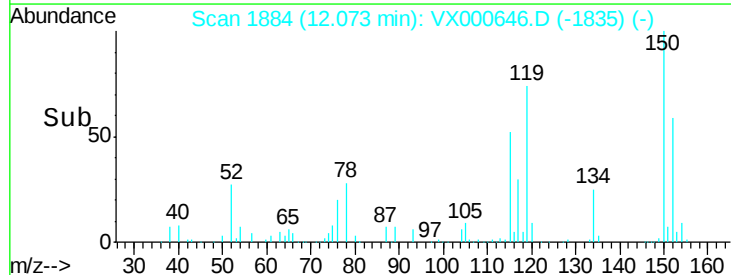
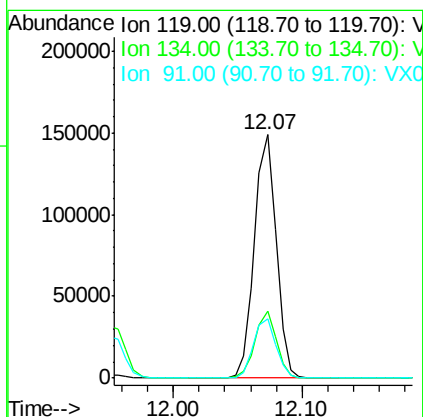
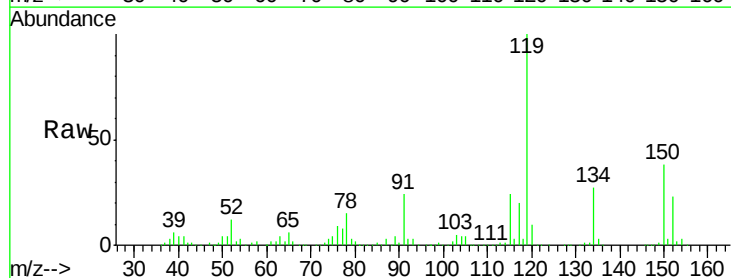
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS02

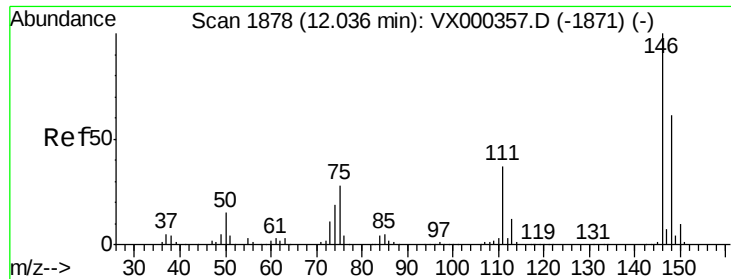
Tgt Ion:105 Resp: 195355
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 18.25 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

Tgt Ion:119 Resp: 173522
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 25.0 12.0 36.1

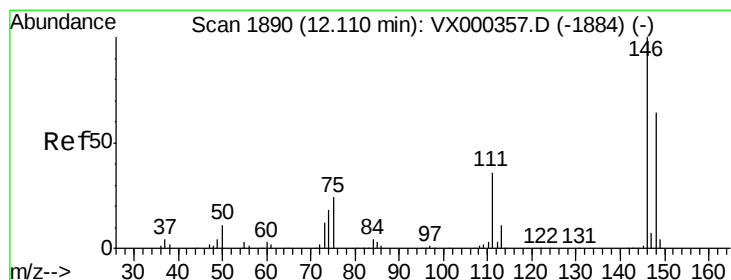
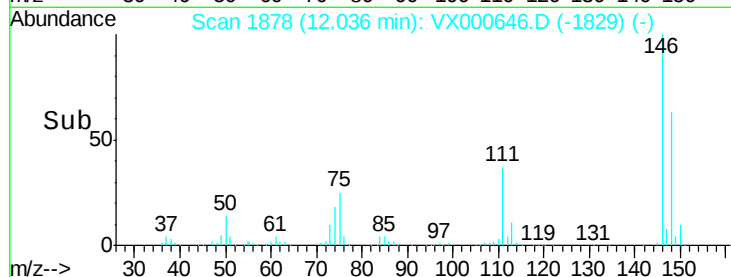
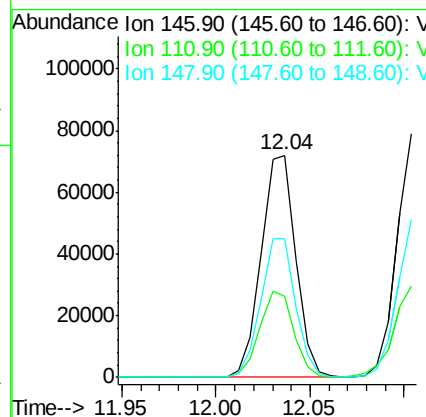
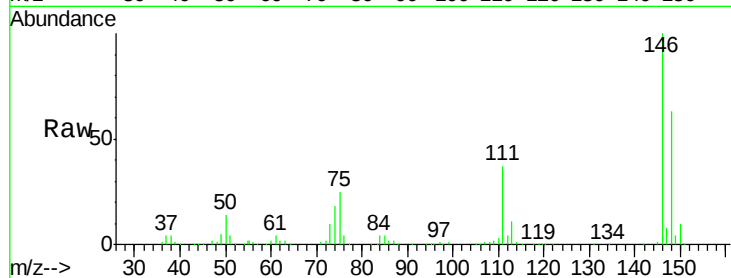




#87
 1,3-Dichlorobenzene
 Concen: 17.86 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

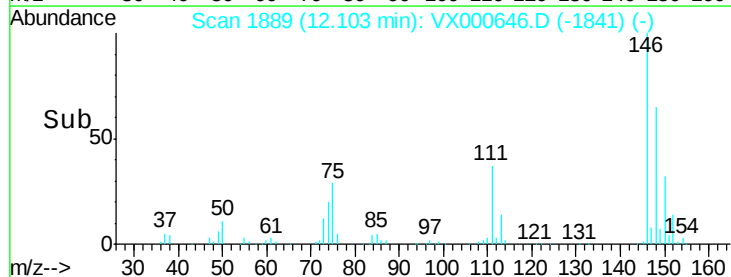
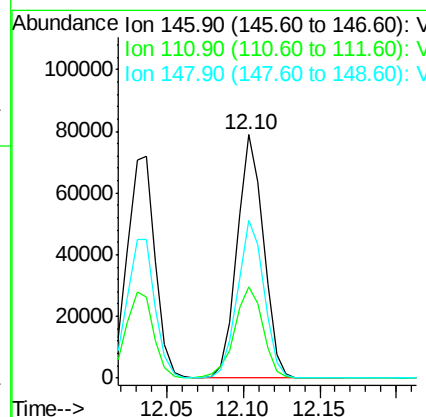
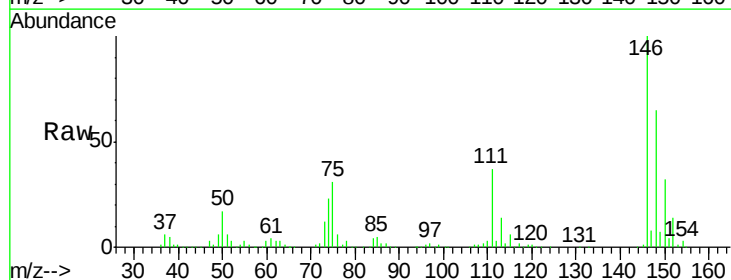
Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBS02

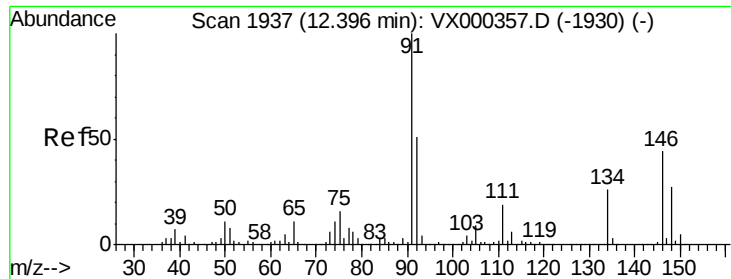
Tgt Ion:146 Resp: 91785
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 63.0 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 17.46 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

Tgt Ion:146 Resp: 94158
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.9 56.9
 148 65.6 31.0 93.0





#89

n-Butylbenzene

Concen: 19.29 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

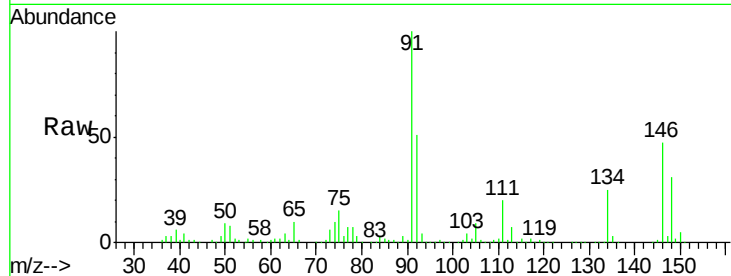
Tgt Ion: 91 Resp: 170771

Ion Ratio Lower Upper

91 100

92 50.2 25.9 77.8

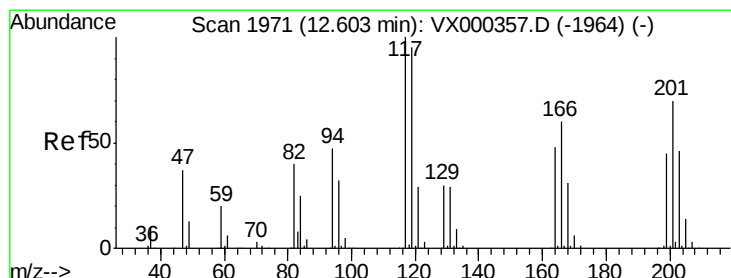
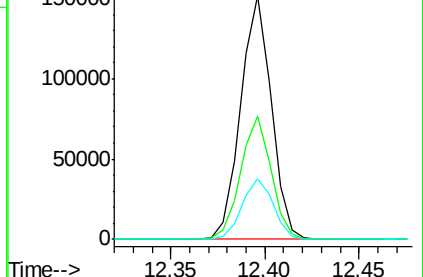
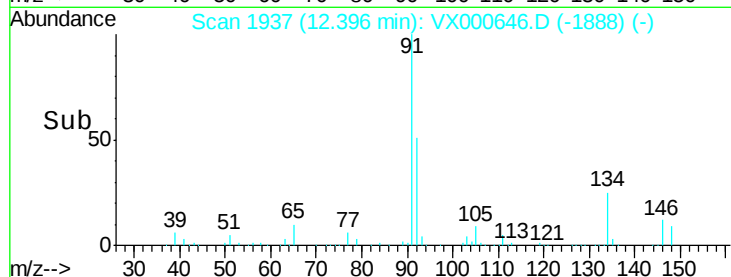
134 25.4 13.1 39.3



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



#90

Hexachloroethane

Concen: 18.22 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000646.D

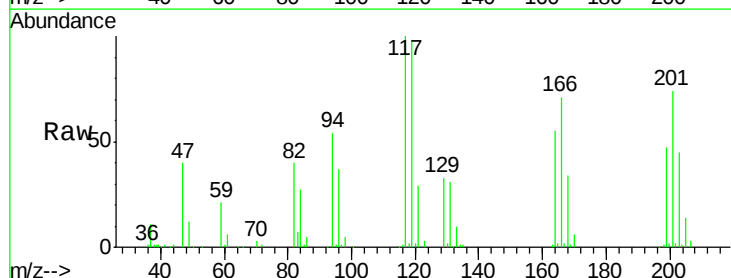
Acq: 02 Apr 2018 18:58

Tgt Ion: 117 Resp: 27264

Ion Ratio Lower Upper

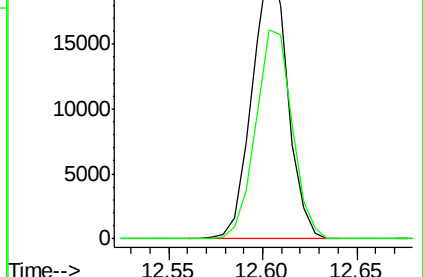
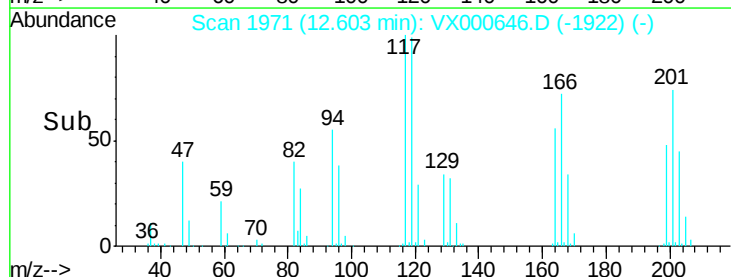
117 100

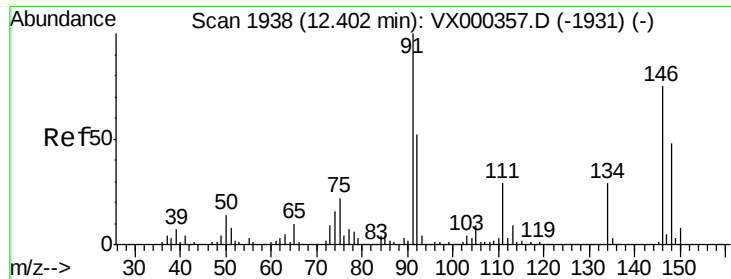
201 78.8 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.33 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

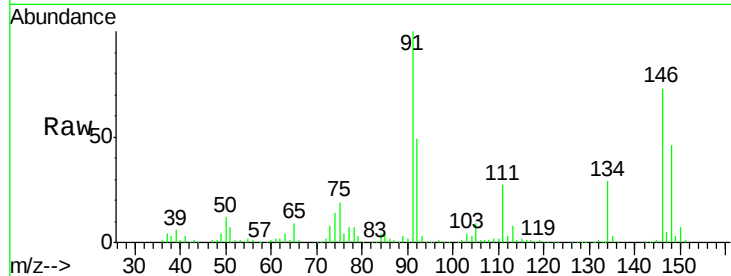
Tgt Ion:146 Resp: 92338

Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.2

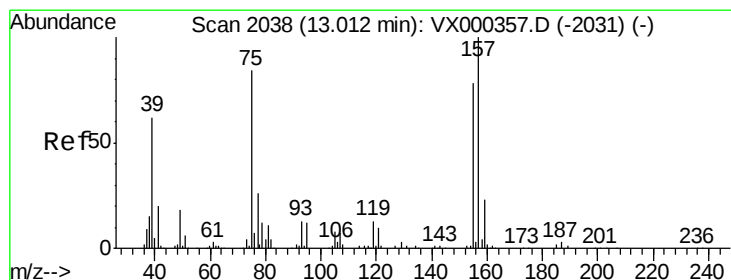
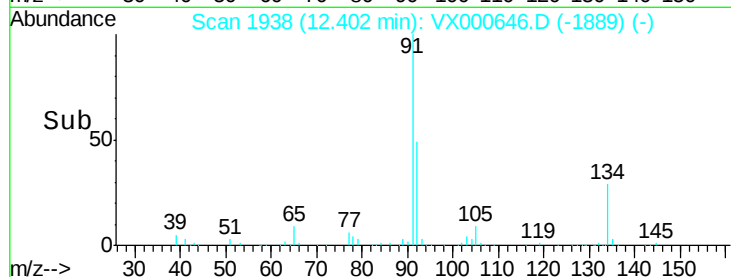
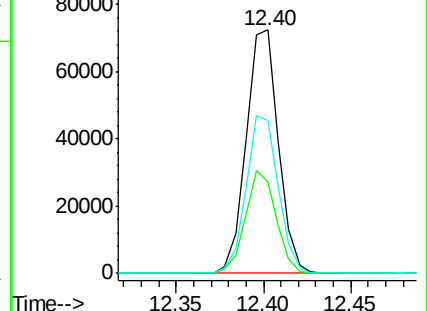
148 64.6 31.2 93.6



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.73 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

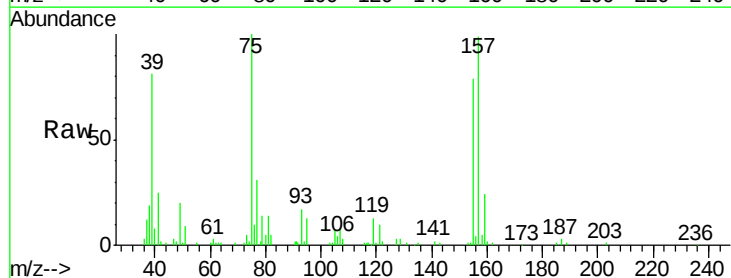
Tgt Ion: 75 Resp: 16836

Ion Ratio Lower Upper

75 100

155 88.6 45.0 134.8

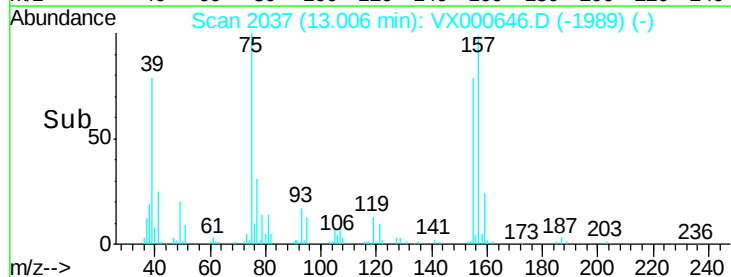
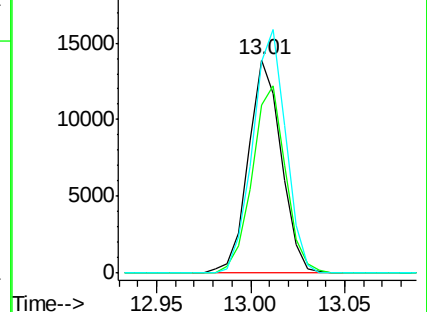
157 114.1 58.1 174.2

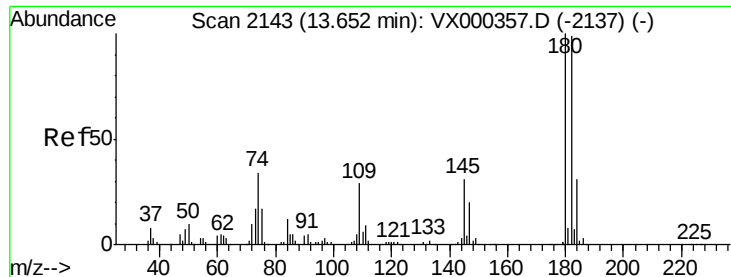


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

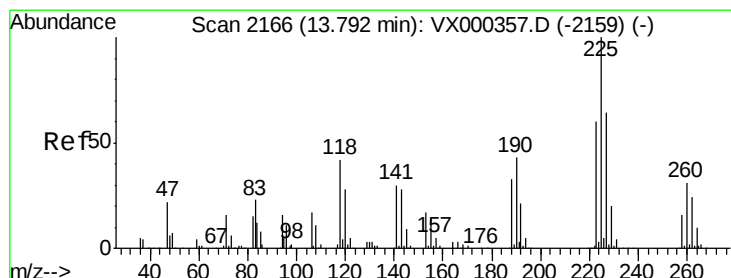
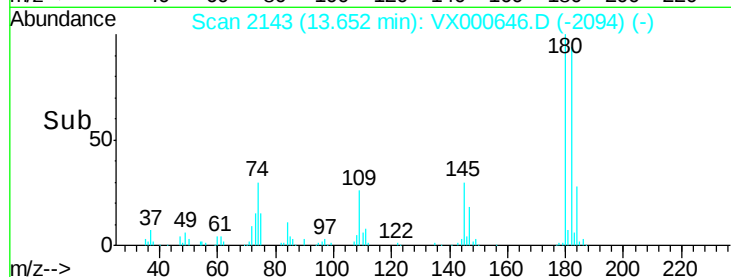
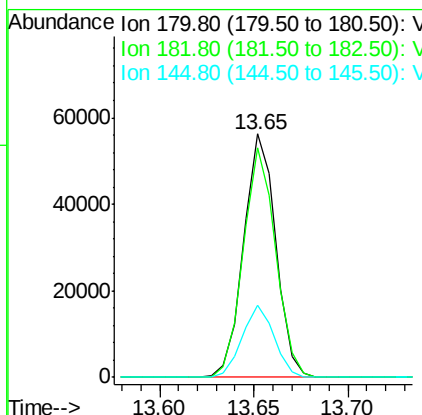
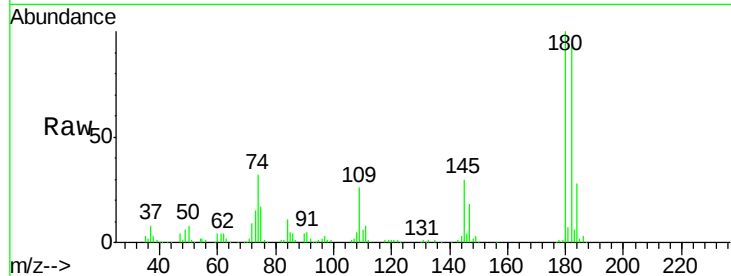




#93
 1,2,4-Trichlorobenzene
 Concen: 18.39 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

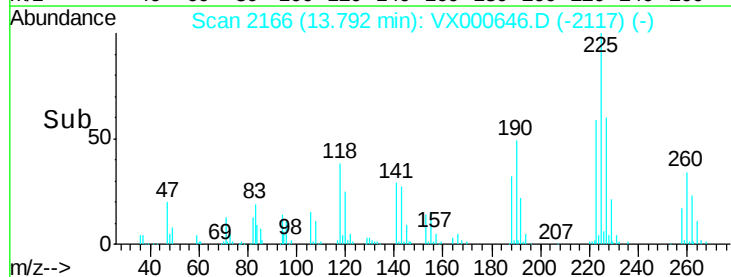
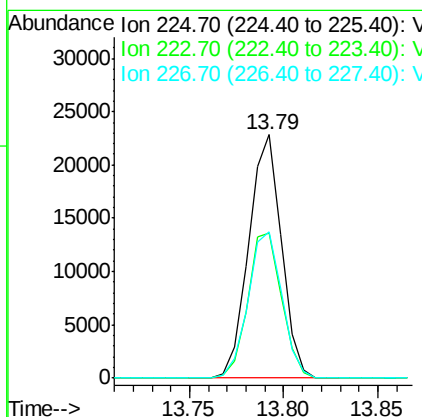
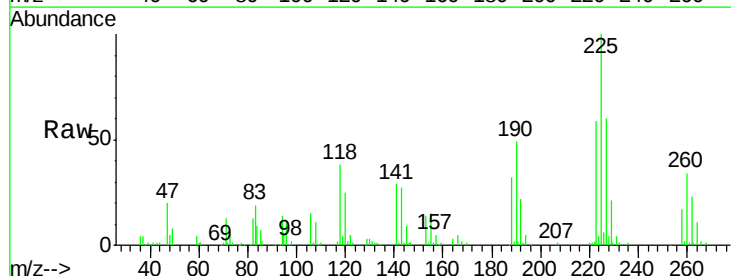
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS02

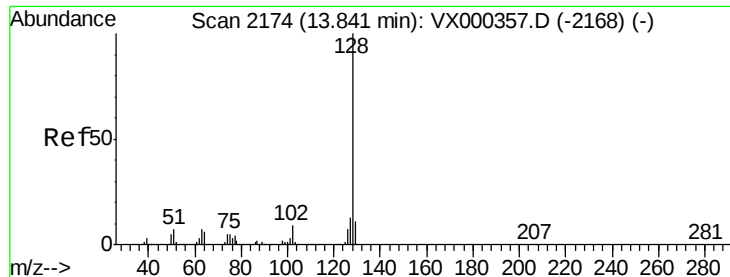
Tgt Ion:180 Resp: 66411
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.9
 145 29.4 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 18.34 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000646.D
 Acq: 02 Apr 2018 18:58

Tgt Ion:225 Resp: 27421
 Ion Ratio Lower Upper
 225 100
 223 61.5 32.0 96.0
 227 62.2 32.6 98.0





#95

Naphthalene

Concen: 18.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS02

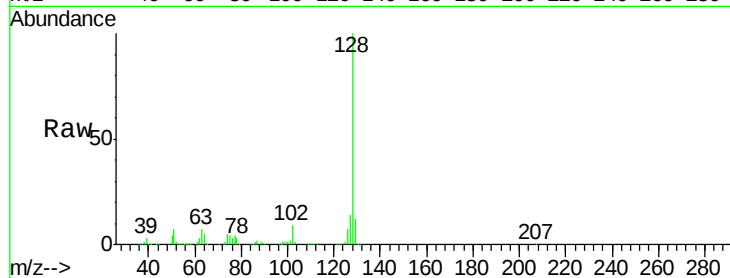
Tgt Ion:128 Resp: 227711

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

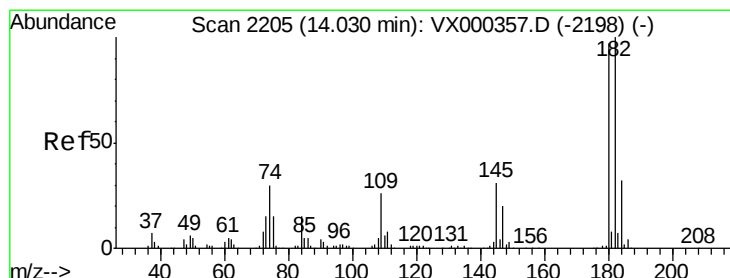
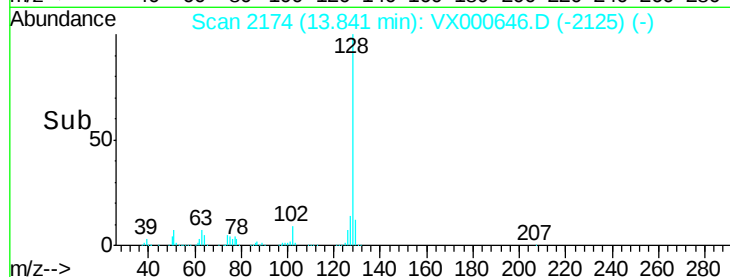
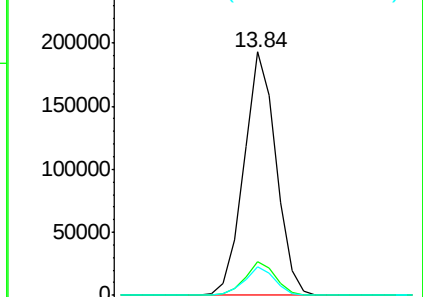
129 11.1 8.9 13.3



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: 18.76 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000646.D

Acq: 02 Apr 2018 18:58

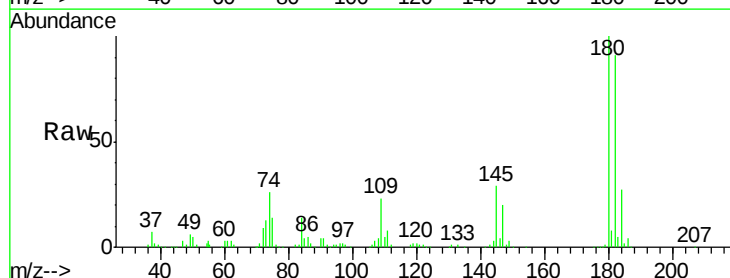
Tgt Ion:180 Resp: 66947

Ion Ratio Lower Upper

180 100

182 93.6 47.4 142.3

145 30.7 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

