

Data File : VX001359.D

Acq On : 03 May 2018 15:13

Operator : JC/MD

Sample : VX0503WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Quant Time: May 04 07:12:09 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	155190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	195821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	101456	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	87274	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.72	98	315933	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.15	95	112570	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34133	19.88	ug/l	99
3) Chloromethane	1.32	50	32431	19.24	ug/l	97
4) Vinyl Chloride	1.40	62	35770	20.16	ug/l	97
5) Bromomethane	1.64	94	29596	21.46	ug/l	97
6) Chloroethane	1.72	64	23673	21.11	ug/l	96
7) Trichlorofluoromethane	1.93	101	63928	21.35	ug/l	99
8) Diethyl Ether	2.19	74	21643	21.05	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35116	20.34	ug/l	99
10) Methyl Iodide	2.51	142	46180	26.75	ug/l	99
11) Tert butyl alcohol	3.09	59	51829	140.23	ug/l	100
12) 1,1-Dichloroethene	2.37	96	31551	20.27	ug/l	96
13) Acrolein	2.30	56	13884	65.24	ug/l	100
14) Allyl chloride	2.73	41	56883	20.89	ug/l	99
15) Acrylonitrile	3.15	53	101851	118.90	ug/l	100
16) Acetone	2.45	43	104664	114.14	ug/l	99
17) Carbon Disulfide	2.57	76	69338	17.10	ug/l	98
18) Methyl Acetate	2.79	43	55632	25.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	113662	21.44	ug/l	98
20) Methylene Chloride	2.86	84	36453	21.11	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	34063	20.10	ug/l	93
22) Diisopropyl ether	3.89	45	112162	21.38	ug/l	97
23) Vinyl Acetate	3.83	43	489955	110.23	ug/l	100
24) 1,1-Dichloroethane	3.70	63	63811	21.84	ug/l	98
25) 2-Butanone	4.73	43	136830	110.36	ug/l	100
26) 2,2-Dichloropropane	4.59	77	39124	16.45	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	35448	19.04	ug/l	96
28) Bromochloromethane	5.03	49	31342	23.86	ug/l	97
29) Tetrahydrofuran	5.19	42	86581	113.54	ug/l	99
30) Chloroform	5.23	83	61834	20.02	ug/l	98
31) Cyclohexane	5.58	56	46281	17.54	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	52640	19.50	ug/l	99
36) 1,1-Dichloropropene	5.81	75	41361	17.46	ug/l	98
37) Ethyl Acetate	4.88	43	51298	21.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	46097	18.58	ug/l	100

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Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Quant Time: May 04 07:12:09 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	48105	17.17	ug/l	99
40) Benzene	6.15	78	129144	18.95	ug/l	100
41) Methacrylonitrile	5.07	41	28134	20.20	ug/l	99
42) 1,2-Dichloroethane	6.21	62	49641	18.82	ug/l	98
43) Isopropyl Acetate	6.48	43	76495	19.76	ug/l	99
44) Trichloroethene	7.22	130	41222	19.76	ug/l	95
45) 1,2-Dichloropropane	7.52	63	33794	19.31	ug/l	95
46) Dibromomethane	7.67	93	23885	19.47	ug/l	99
47) Bromodichloromethane	7.91	83	41646	18.99	ug/l	99
48) Methyl methacrylate	7.79	41	40285	19.57	ug/l	97
49) 1,4-Dioxane	7.77	88	18770	483.22	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	270136	108.22	ug/l	99
52) Toluene	8.79	92	85654	19.23	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	46291	17.75	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	41920	17.47	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	36009	20.01	ug/l	99
56) Ethyl methacrylate	9.19	69	48796	19.57	ug/l	98
57) 1,3-Dichloropropane	9.38	76	57468	19.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	129329	107.53	ug/l	100
59) 2-Hexanone	9.51	43	207386	106.29	ug/l	100
60) Dibromochloromethane	9.59	129	35743	19.05	ug/l	98
61) 1,2-Dibromoethane	9.68	107	37949	19.90	ug/l	100
64) Tetrachloroethene	9.34	164	53278	22.97	ug/l	96
65) Chlorobenzene	10.15	112	99735	18.73	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	36059	19.51	ug/l	99
67) Ethyl Benzene	10.26	91	158009	18.00	ug/l	100
68) m/p-Xylenes	10.37	106	126564	36.65	ug/l	99
69) o-Xylene	10.71	106	62425	18.64	ug/l	96
70) Styrene	10.72	104	101235	18.48	ug/l	99
71) Bromoform	10.86	173	27899	18.32	ug/l #	99
73) Isopropylbenzene	11.02	105	166715	19.52	ug/l	99
74) N-amyl acetate	6.48	43	76495	20.88	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	50734	19.83	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	57802	24.49	ug/l	93
77) Bromobenzene	11.26	156	49098	19.93	ug/l	98
78) n-propylbenzene	11.37	91	181549	19.13	ug/l	99
79) 2-Chlorotoluene	11.43	91	110427	19.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	140098	19.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	10696	17.77	ug/l	90
82) 4-Chlorotoluene	11.52	91	130625	18.97	ug/l	100
83) tert-Butylbenzene	11.77	119	132274	18.50	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	144749	19.70	ug/l	100
85) sec-Butylbenzene	11.95	105	165573	19.35	ug/l	99
86) p-Isopropyltoluene	12.07	119	151874	19.35	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	85870	18.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86726	18.29	ug/l	99
89) n-Butylbenzene	12.40	91	122903	17.94	ug/l	98
90) Hexachloroethane	12.60	117	20275	17.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	89134	19.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	11234	21.73	ug/l	95

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050318\
Quantitation Report (Not Reviewed)

Data File : VX001359.D
Acq On : 03 May 2018 15:13
Operator : JC/MD
Sample : VX0503WBS01
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :
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Quant Time: May 04 07:12:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

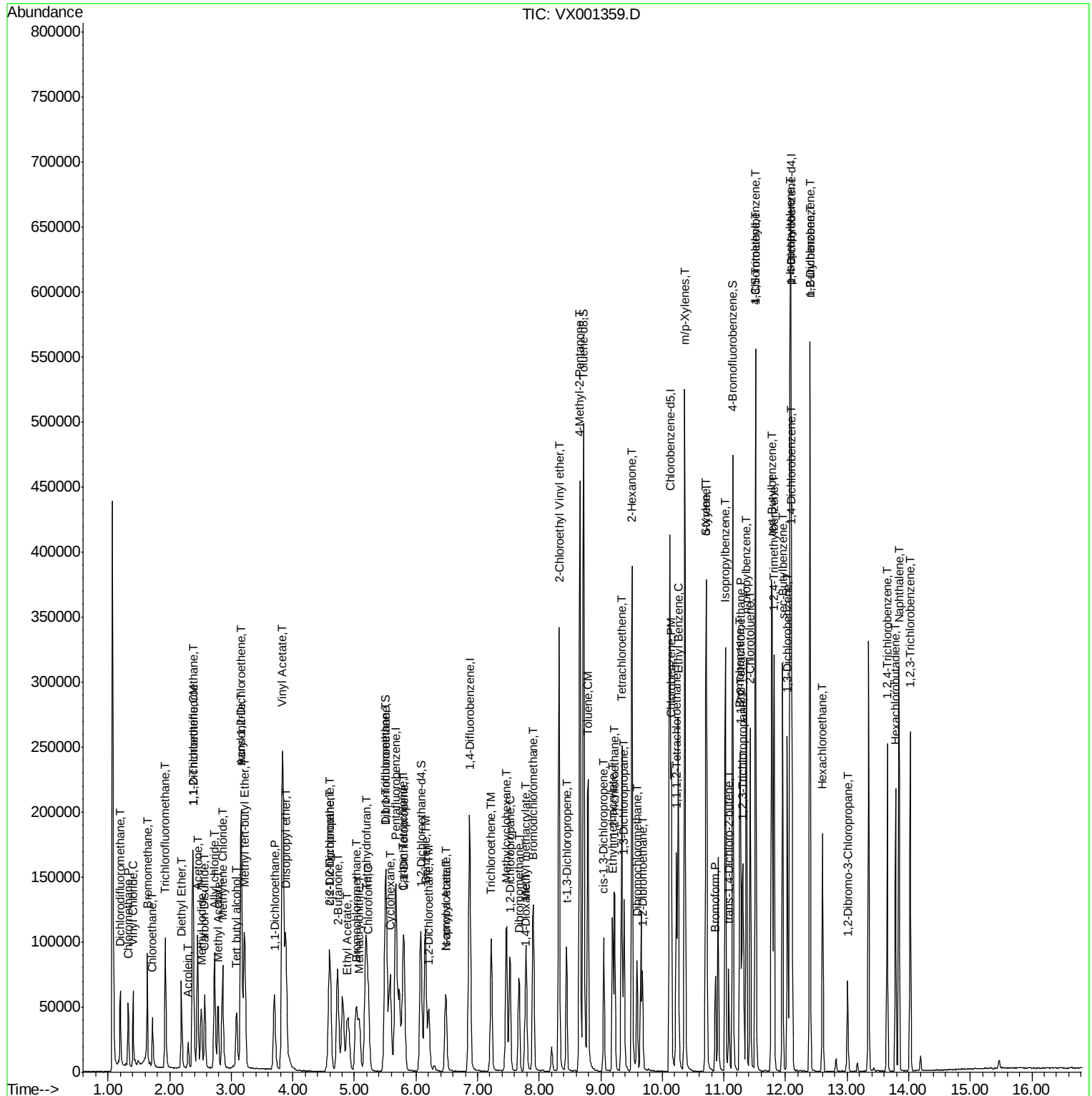
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63611	17.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	35087	18.21	ug/l	99
95) Naphthalene	13.84	128	187044	20.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	68897	19.06	ug/l	99

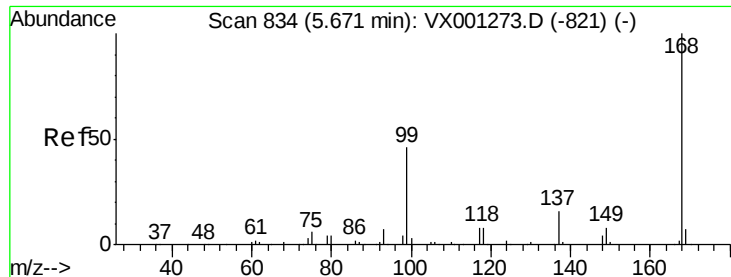
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 8 Sample Multiplier: 1

VX0503WBS01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

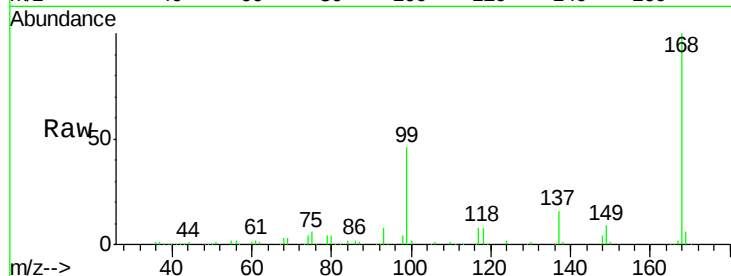
VX0503WBS01

Tgt Ion:168 Resp: 155190

Ion Ratio Lower Upper

168 100

99 45.7 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

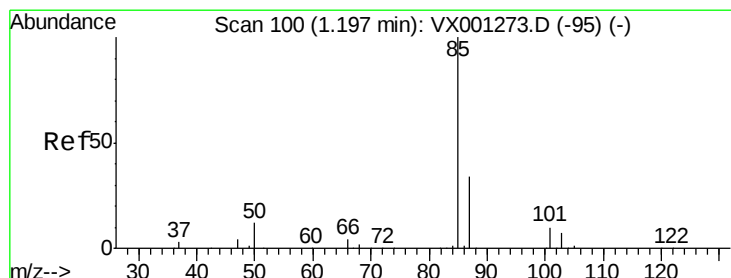
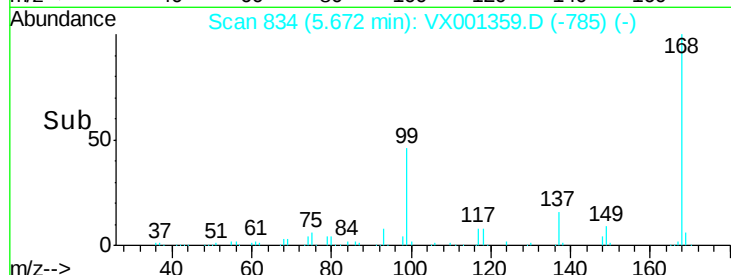
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001359.D

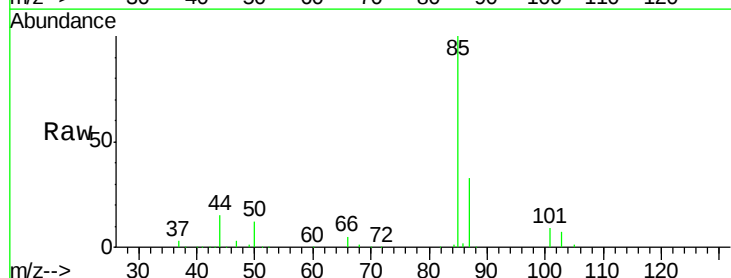
Acq: 03 May 2018 15:13

Tgt Ion: 85 Resp: 34133

Ion Ratio Lower Upper

85 100

87 32.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

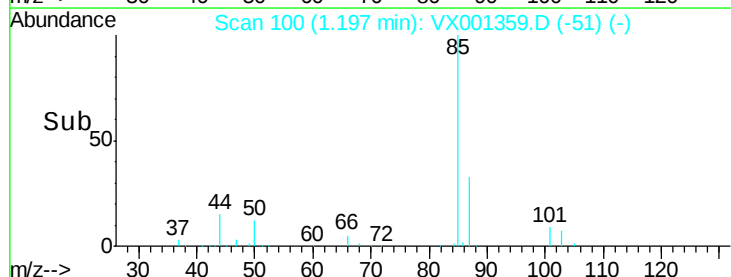
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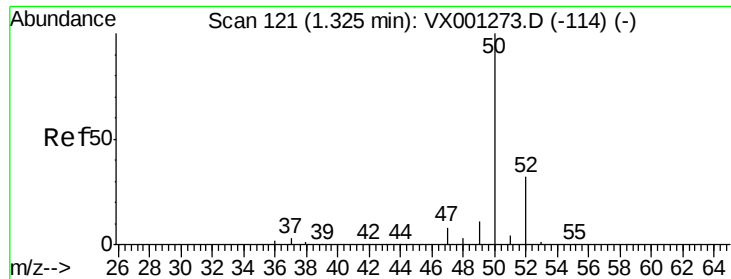
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

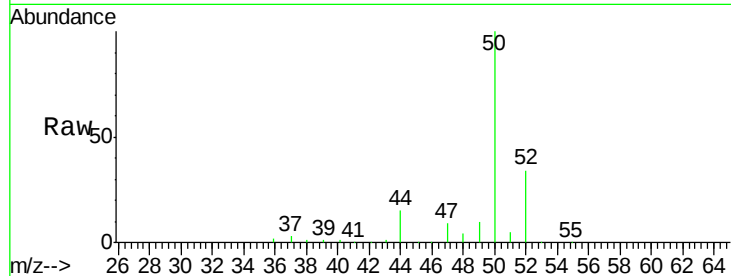
VX0503WBS01

Tgt Ion: 50 Resp: 32431

Ion Ratio Lower Upper

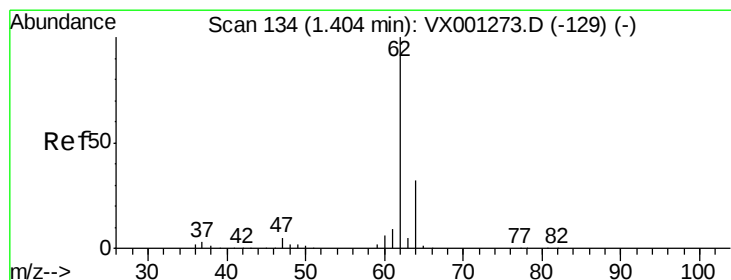
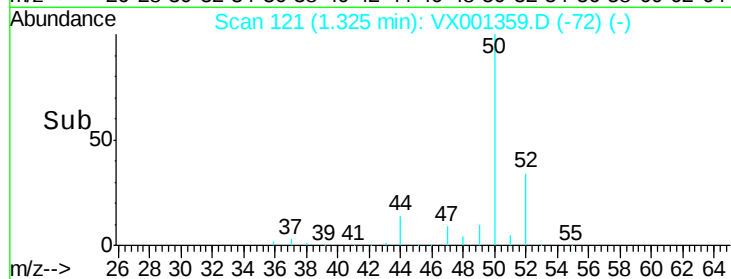
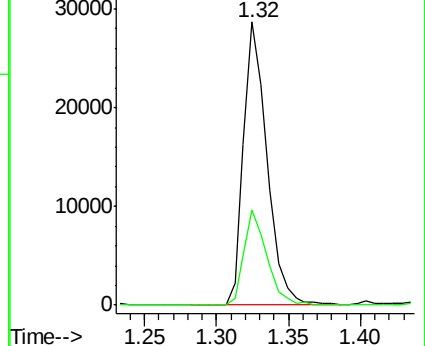
50 100

52 33.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001359.D

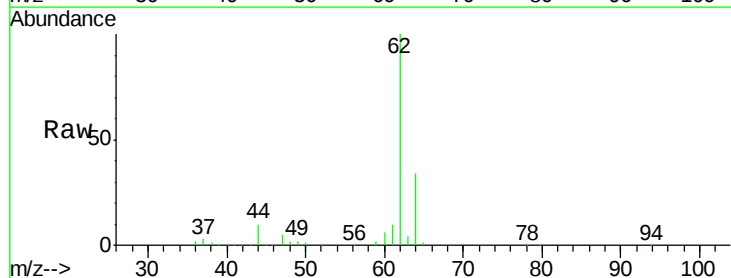
Acq: 03 May 2018 15:13

Tgt Ion: 62 Resp: 35770

Ion Ratio Lower Upper

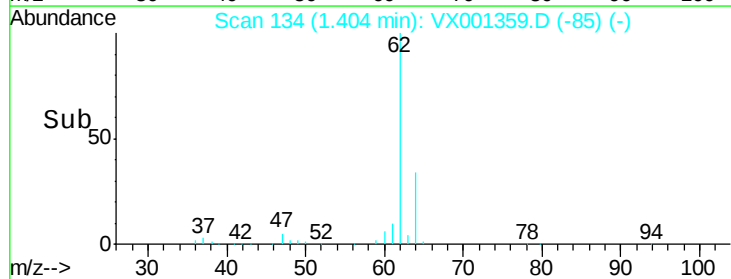
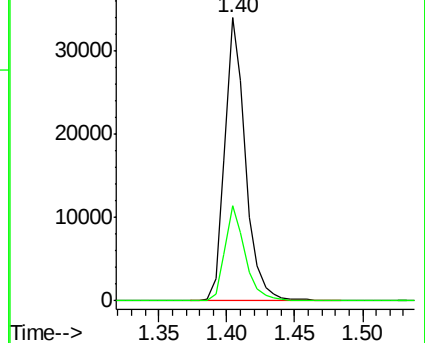
62 100

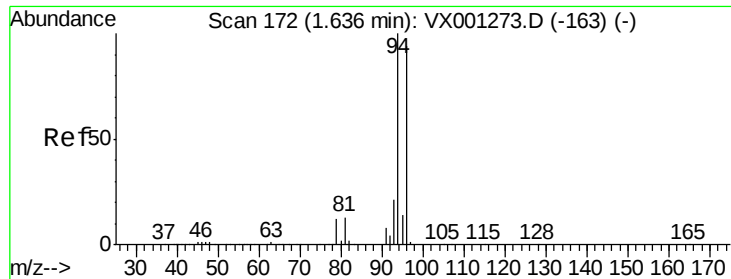
64 33.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.46 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

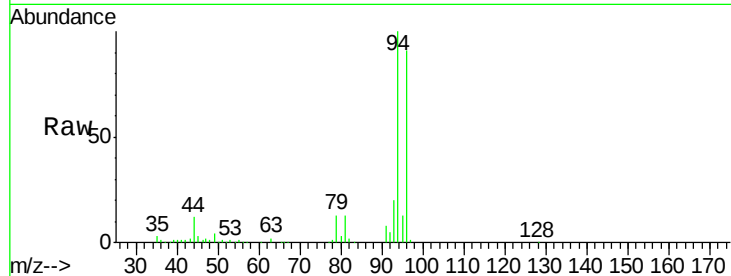
VX0503WBS01

Tgt Ion: 94 Resp: 29596

Ion Ratio Lower Upper

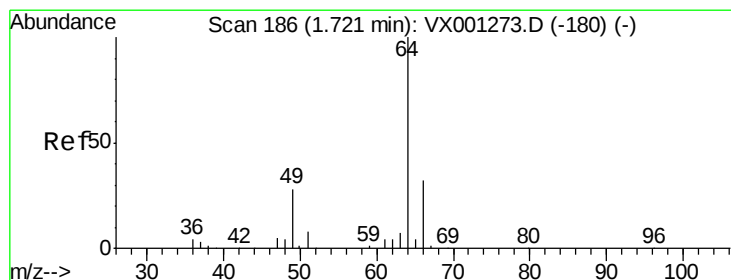
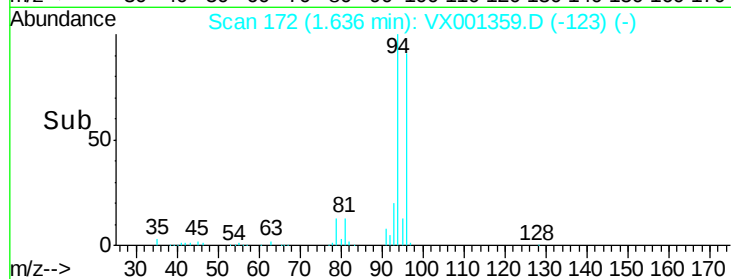
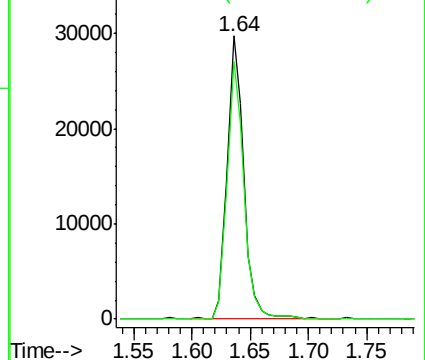
94 100

96 91.2 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.11 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001359.D

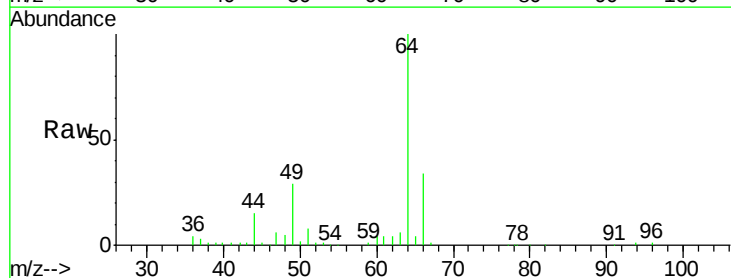
Acq: 03 May 2018 15:13

Tgt Ion: 64 Resp: 23673

Ion Ratio Lower Upper

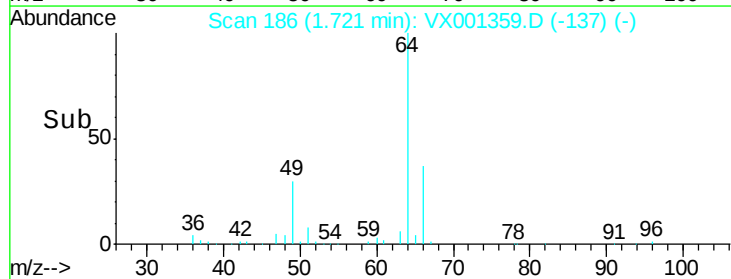
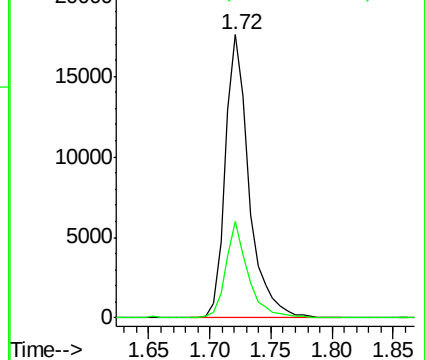
64 100

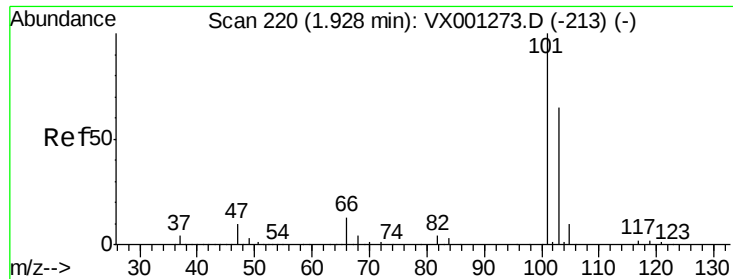
66 34.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



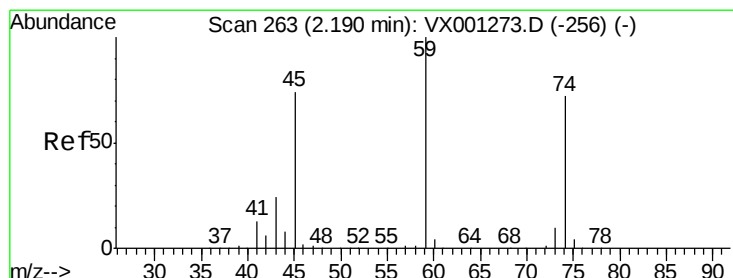
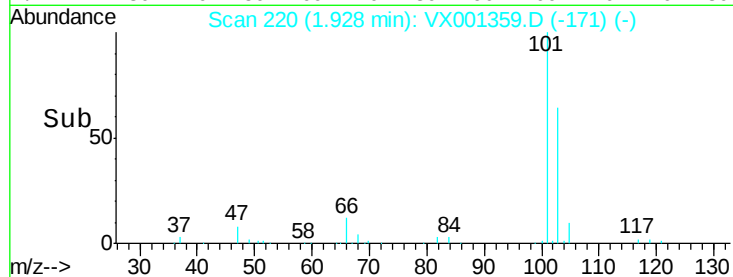
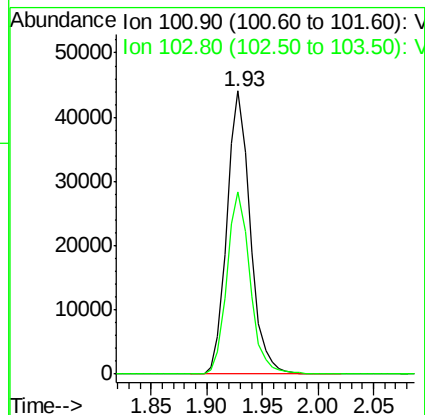
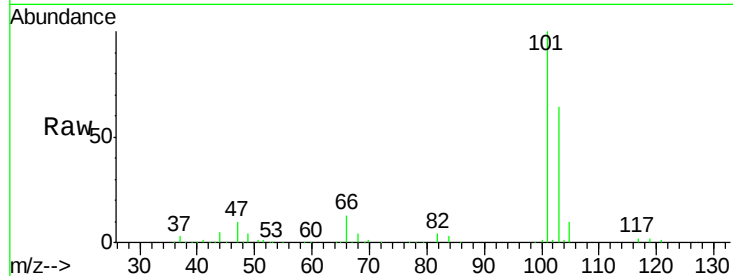


#7

Trichlorofluoromethane
Concen: 21.35 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

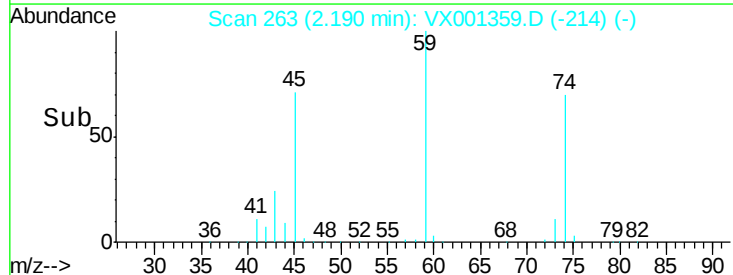
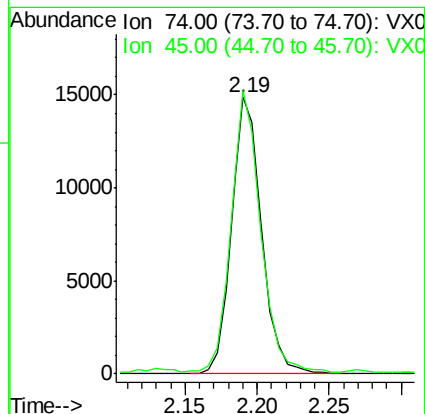
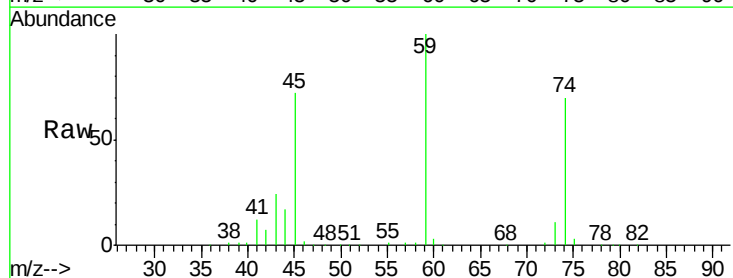
Tgt Ion:101 Resp: 63928
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

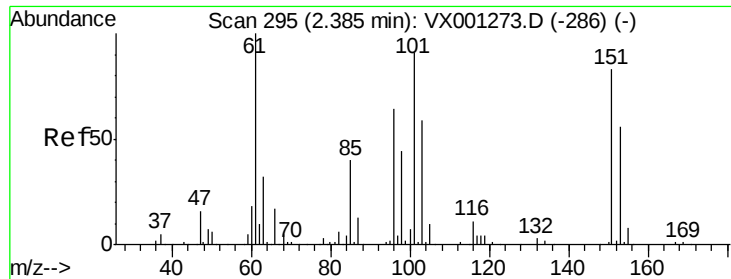


#8

Diethyl Ether
Concen: 21.05 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 74 Resp: 21643
Ion Ratio Lower Upper
74 100
45 99.8 49.3 147.9

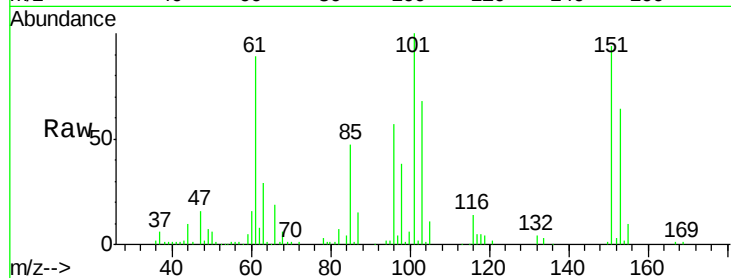




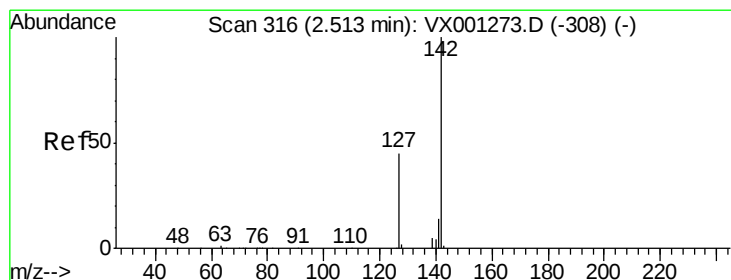
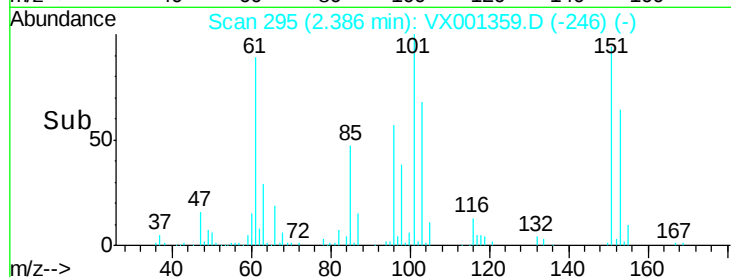
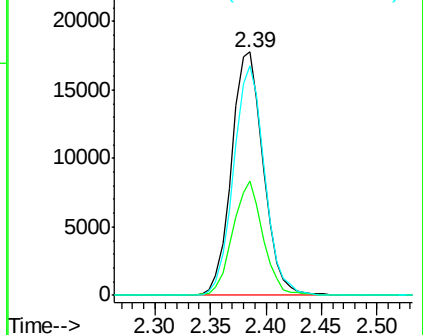
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.34 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Tgt Ion:101 Resp: 35116
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.6 53.4
 151 91.9 74.8 112.2

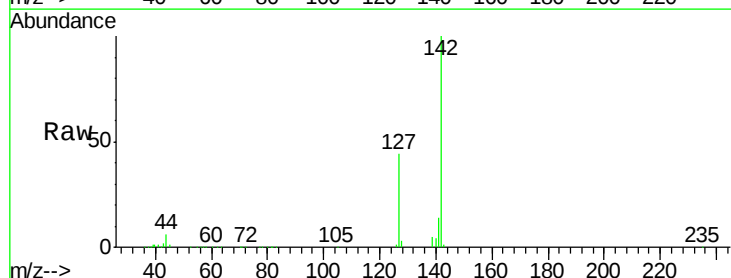


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

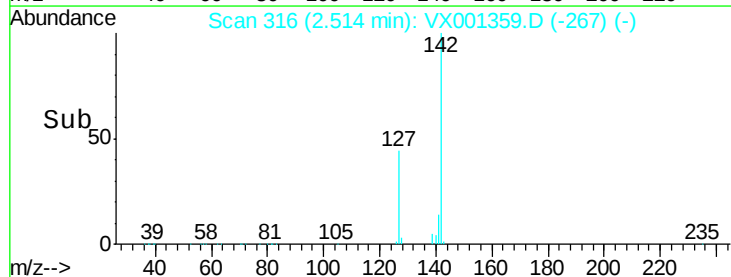
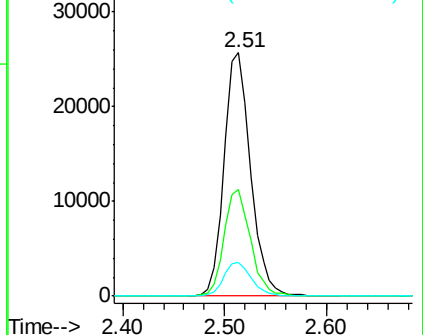


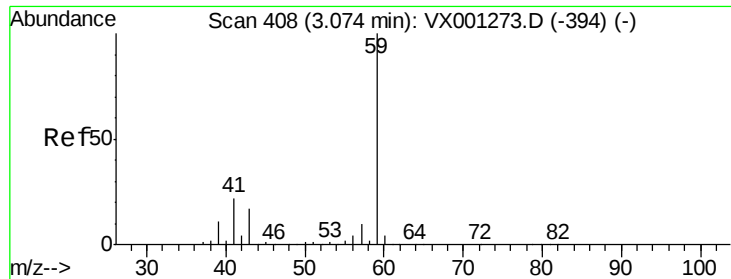
#10
 Methyl Iodide
 Concen: 26.75 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion:142 Resp: 46180
 Ion Ratio Lower Upper
 142 100
 127 43.6 35.7 53.5
 141 14.5 11.4 17.0



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

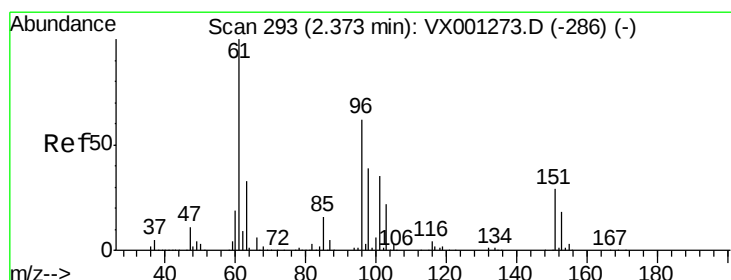
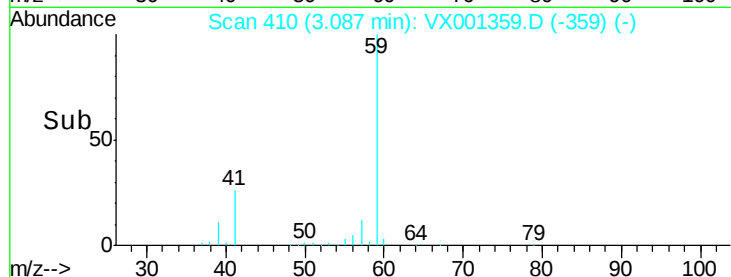
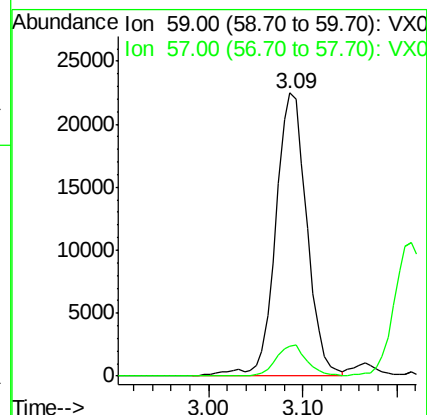
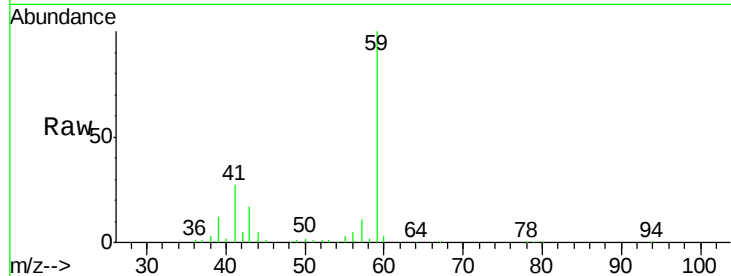




#11
Tert butyl alcohol
Concen: 140.23 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

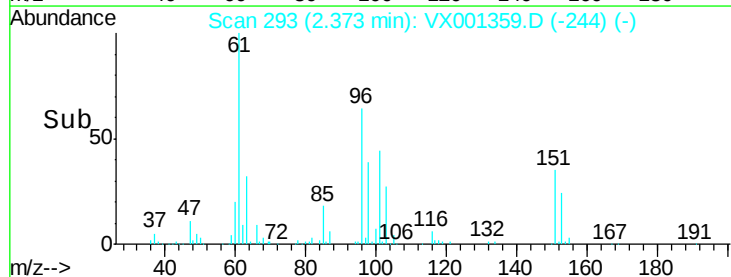
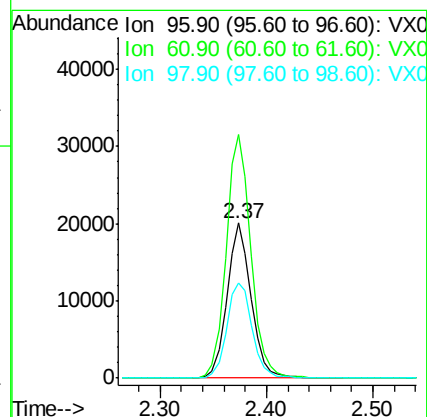
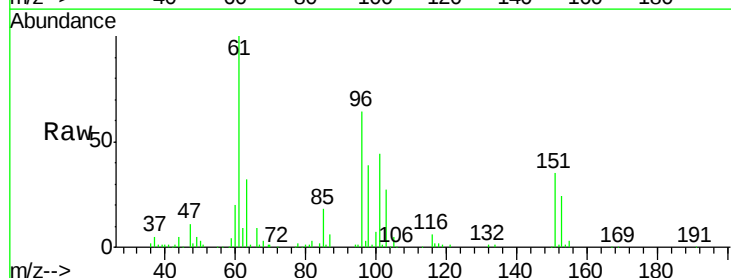
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

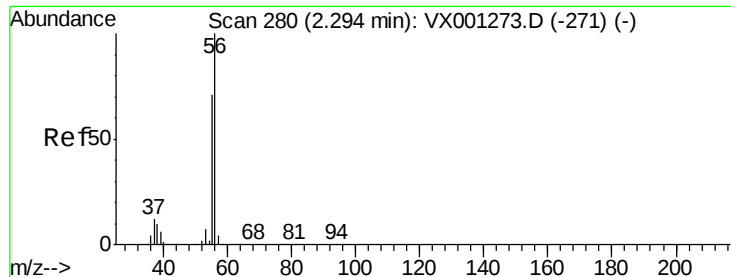
Tgt Ion: 59 Resp: 51829
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 96 Resp: 31551
Ion Ratio Lower Upper
96 100
61 157.1 130.1 195.1
98 61.3 50.3 75.5





#13

Acrolein

Concen: 65.24 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

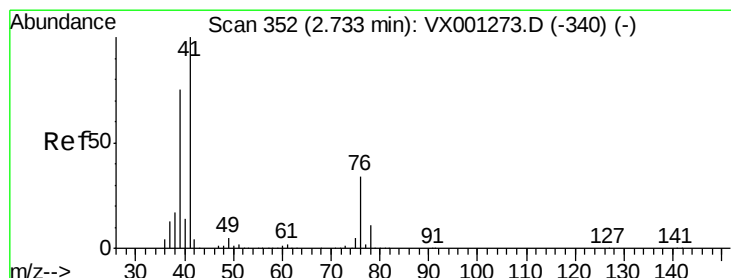
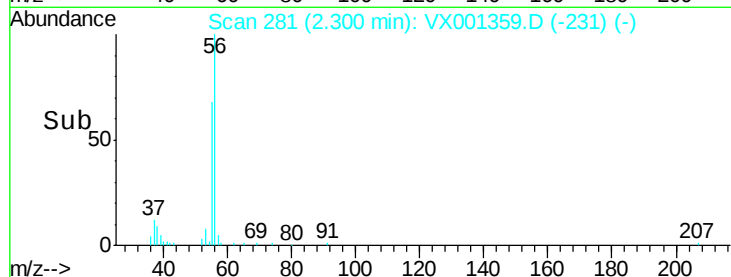
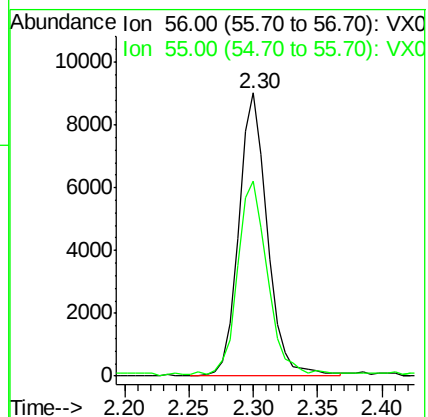
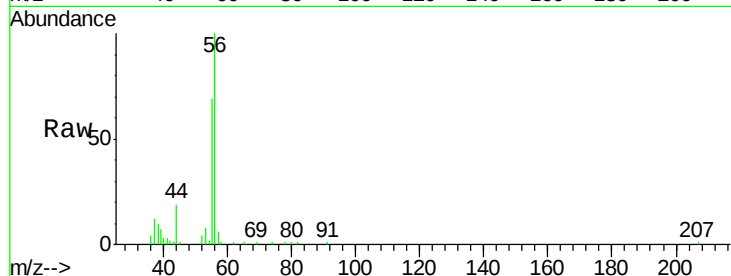
VX0503WBS01

Tgt Ion: 56 Resp: 13884

Ion Ratio Lower Upper

56 100

55 71.4 57.2 85.8



#14

Allyl chloride

Concen: 20.89 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

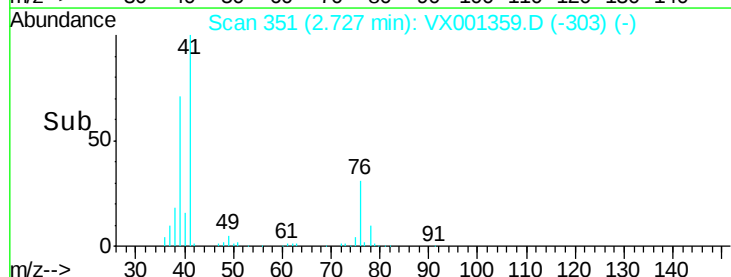
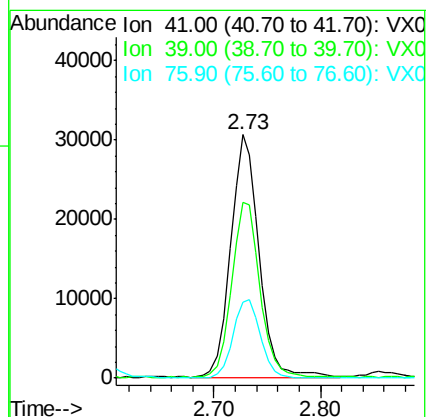
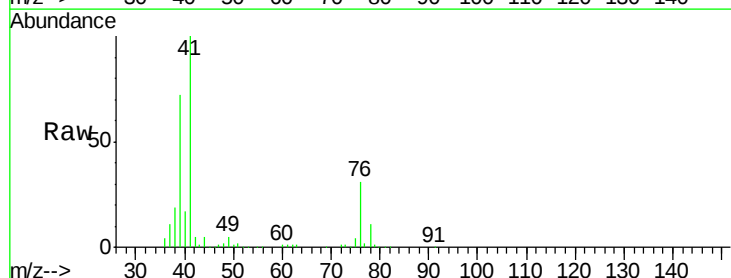
Tgt Ion: 41 Resp: 56883

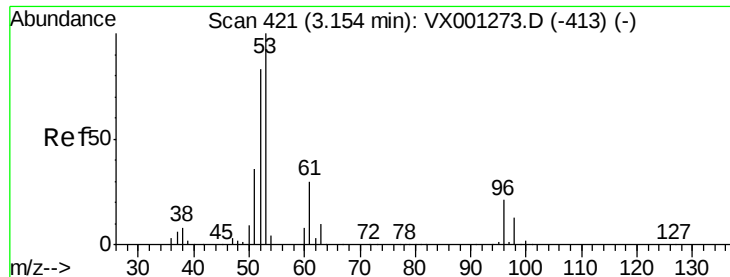
Ion Ratio Lower Upper

41 100

39 71.5 58.1 87.1

76 31.6 25.1 37.7





#15

Acrylonitrile

Concen: 118.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

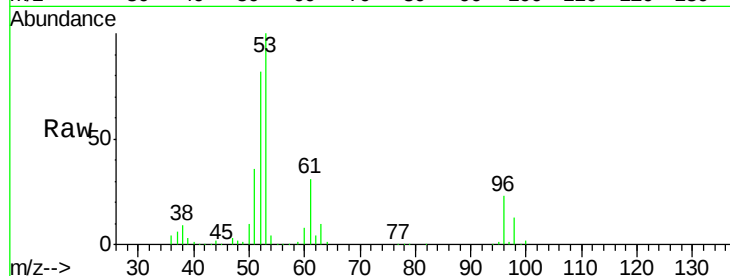
Tgt Ion: 53 Resp: 101851

Ion Ratio Lower Upper

53 100

52 83.5 67.0 100.4

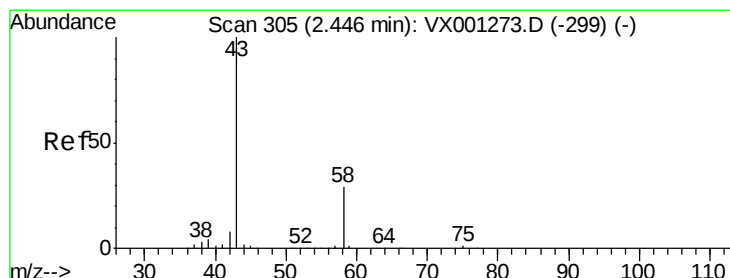
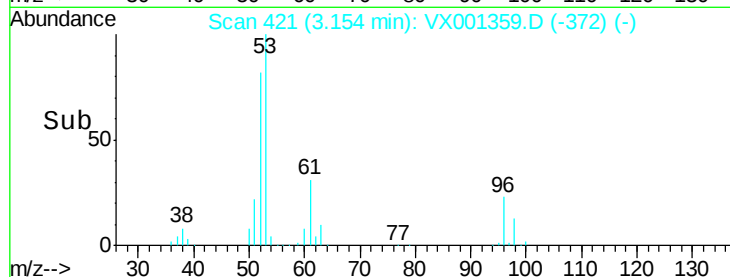
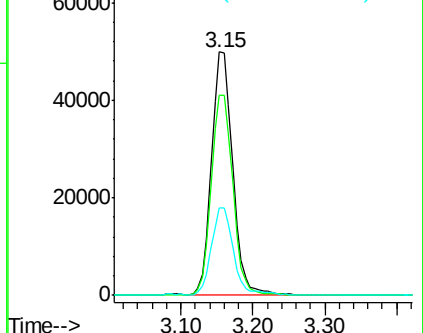
51 37.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 114.14 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001359.D

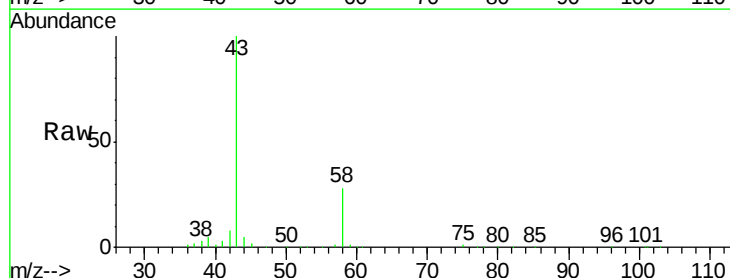
Acq: 03 May 2018 15:13

Tgt Ion: 43 Resp: 104664

Ion Ratio Lower Upper

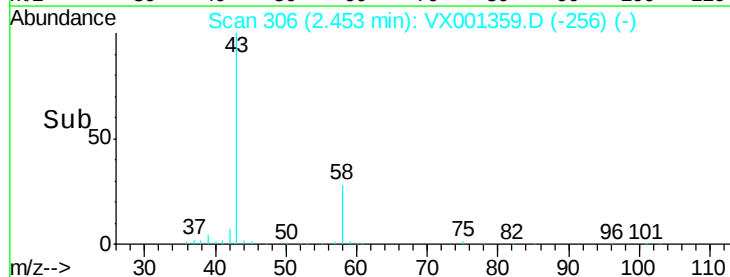
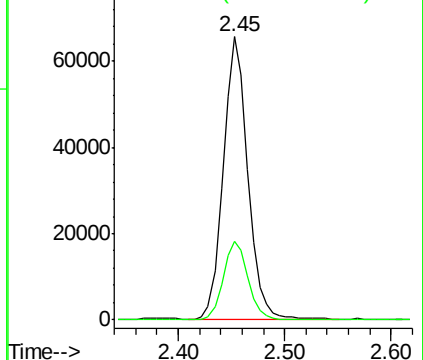
43 100

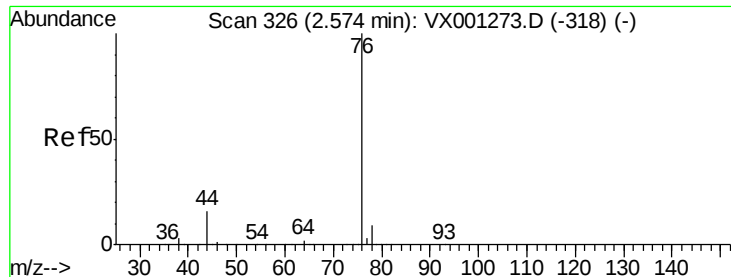
58 28.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

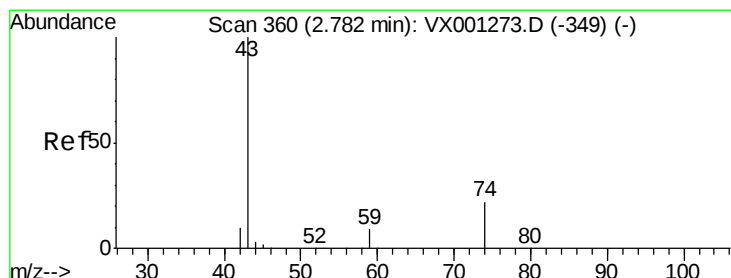
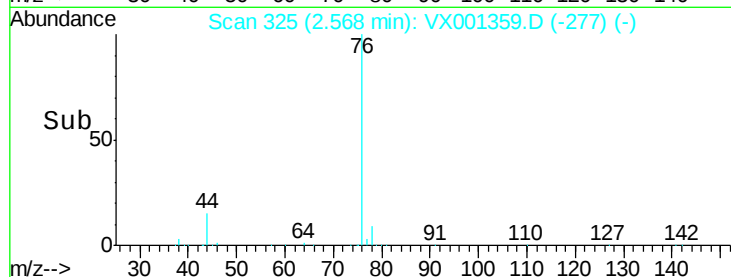
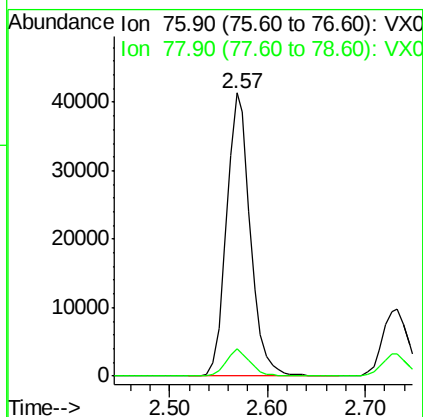
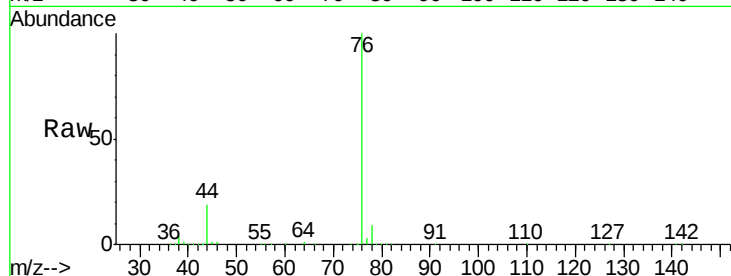




#17
Carbon Disulfide
Concen: 17.10 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

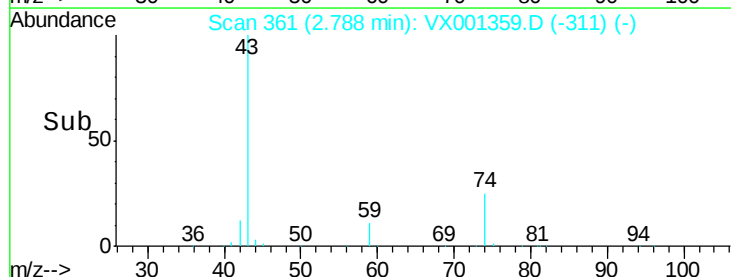
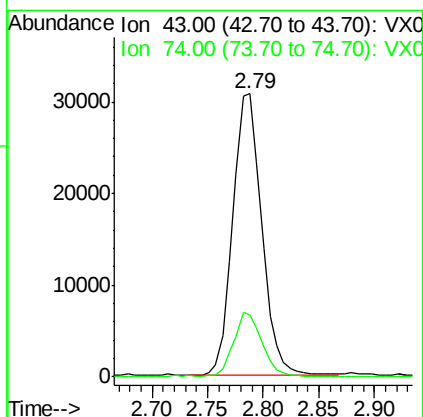
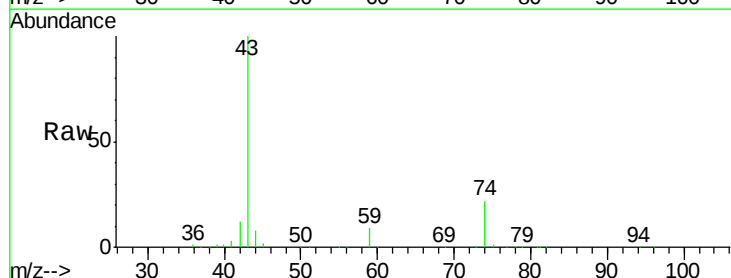
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

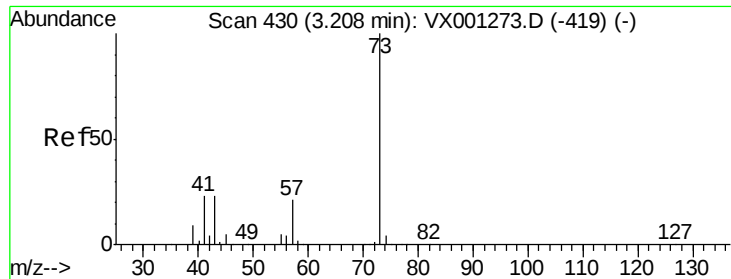
Tgt Ion: 76 Resp: 69338
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 25.69 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 43 Resp: 55632
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 21.44 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

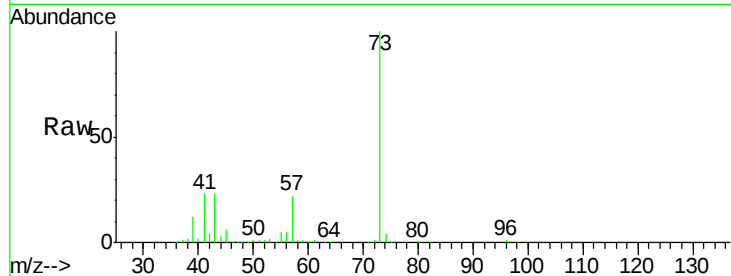
VX0503WBS01

Tgt Ion: 73 Resp: 113662

Ion Ratio Lower Upper

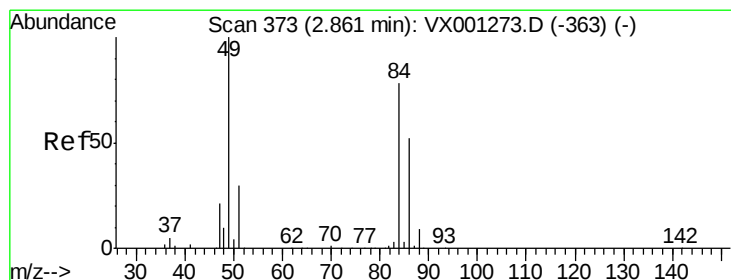
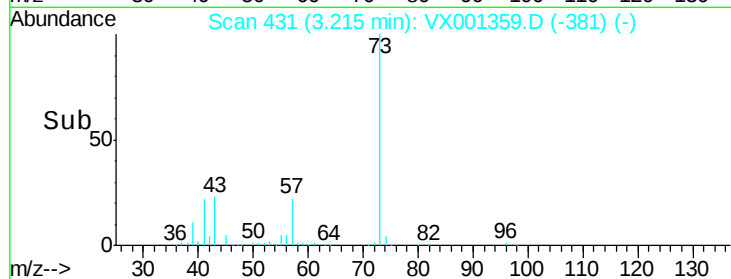
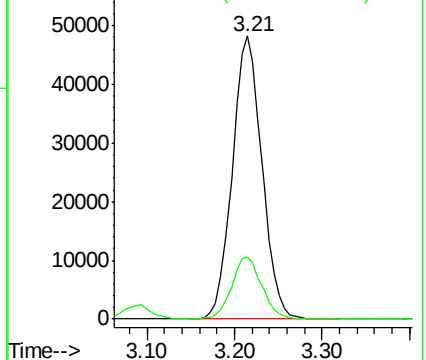
73 100

57 22.0 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 21.11 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion: 84 Resp: 36453

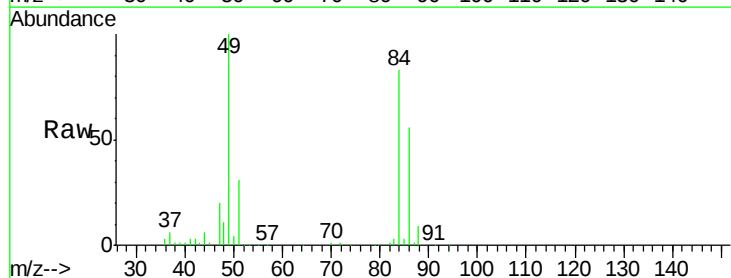
Ion Ratio Lower Upper

84 100

49 120.4 102.8 154.2

51 37.2 30.9 46.3

86 67.1 53.0 79.4

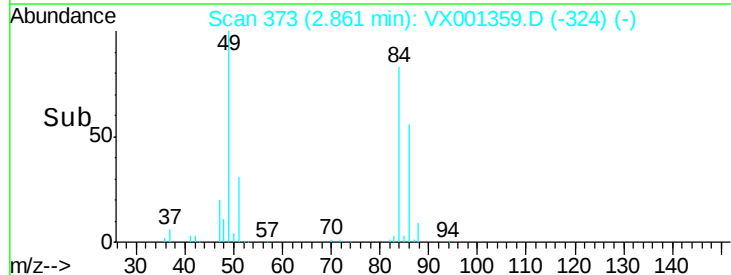
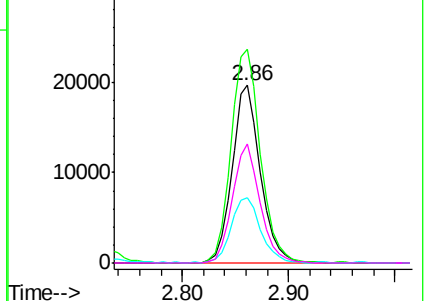


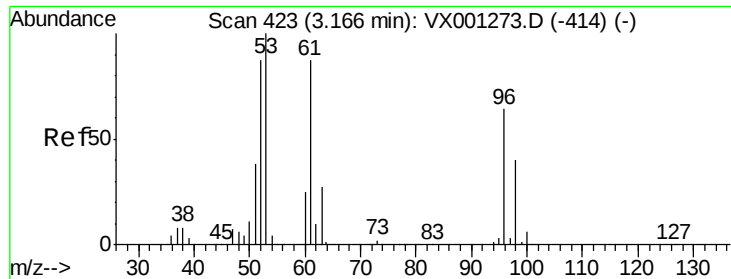
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 20.10 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

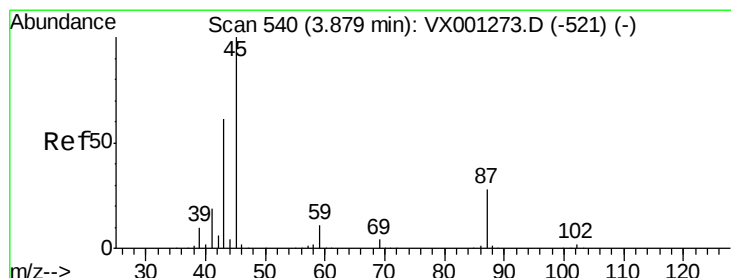
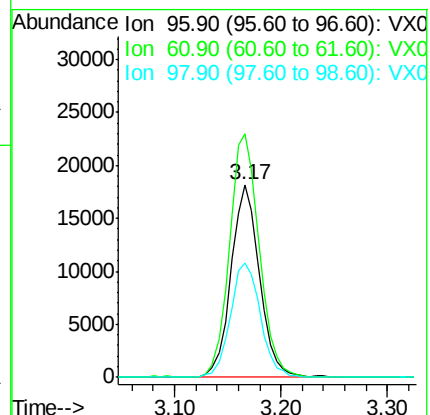
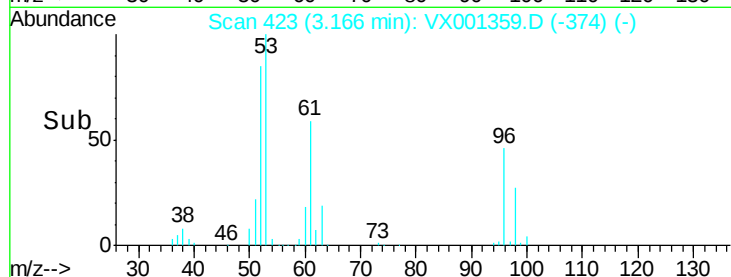
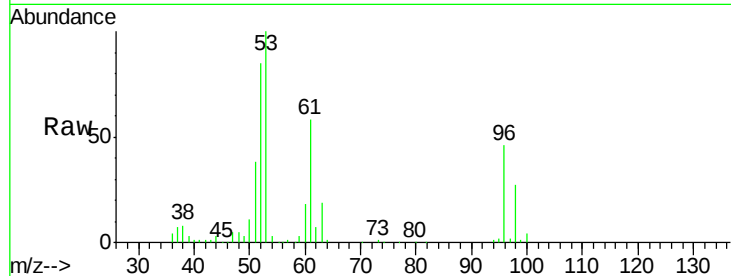
Tgt Ion: 96 Resp: 34063

Ion Ratio Lower Upper

96 100

61 126.2 108.6 162.8

98 59.1 49.7 74.5



#22

Diisopropyl ether

Concen: 21.38 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion: 45 Resp: 112162

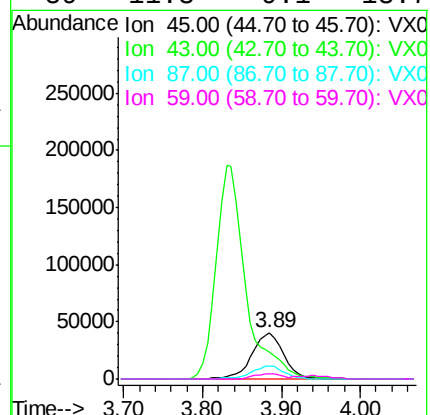
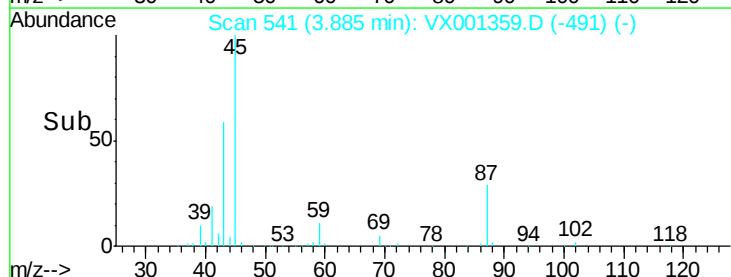
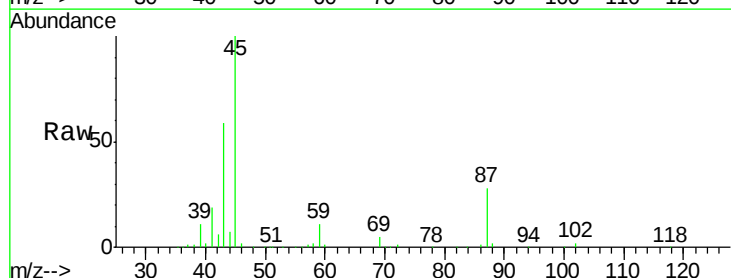
Ion Ratio Lower Upper

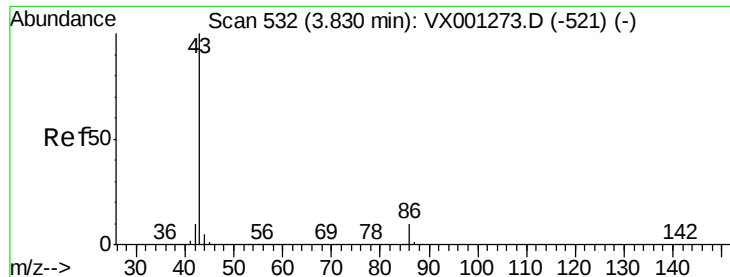
45 100

43 57.7 48.7 73.1

87 28.5 22.2 33.4

59 11.3 9.1 13.7

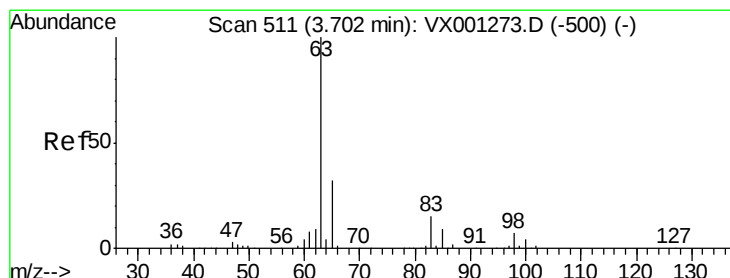
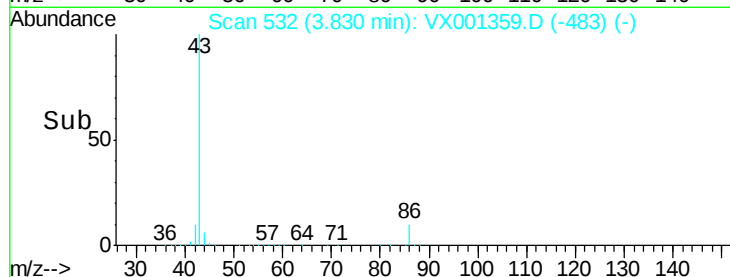
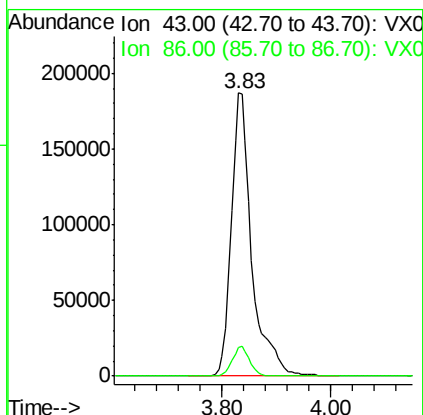
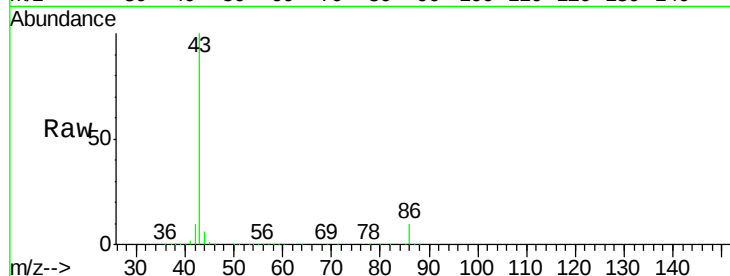




#23
 Vinyl Acetate
 Concen: 110.23 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

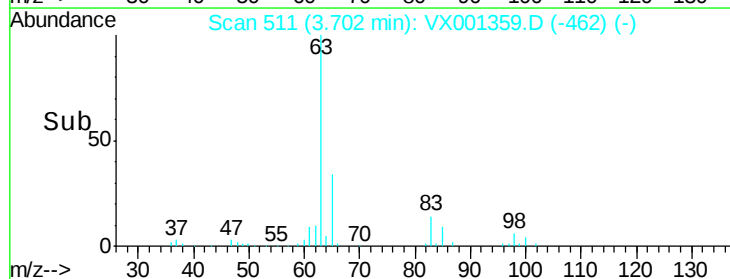
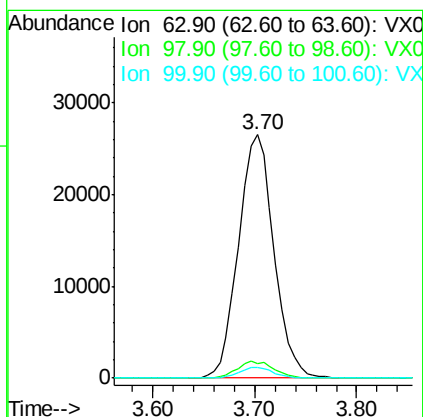
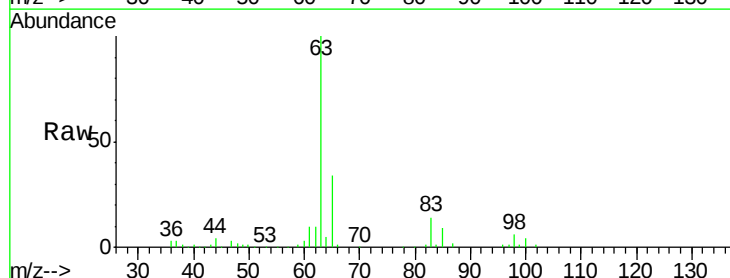
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

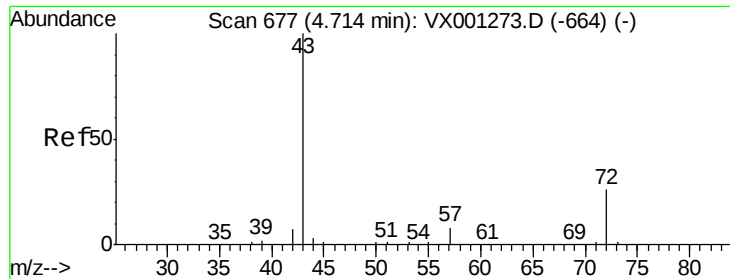
Tgt Ion: 43 Resp: 489955
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 21.84 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion: 63 Resp: 63811
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.5
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 110.36 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

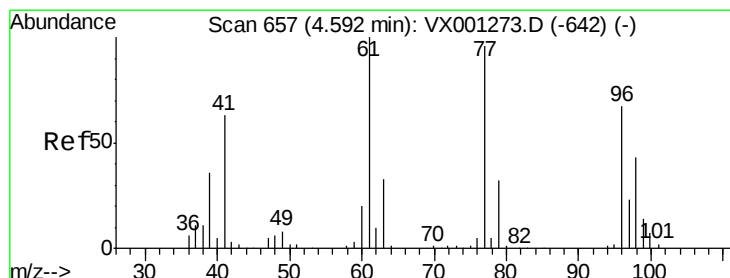
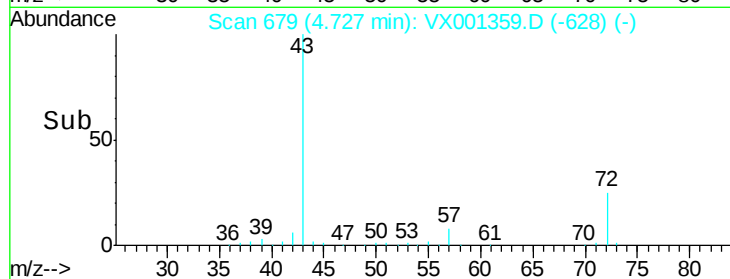
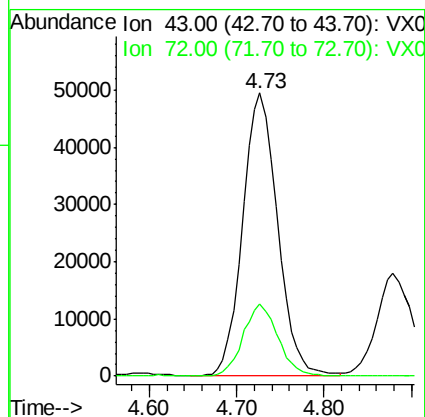
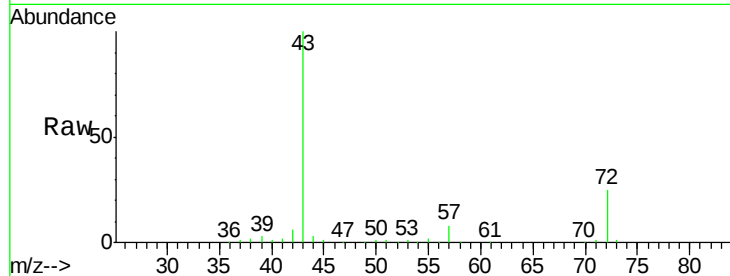
VX0503WBS01

Tgt Ion: 43 Resp: 136830

Ion Ratio Lower Upper

43 100

72 25.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 16.45 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001359.D

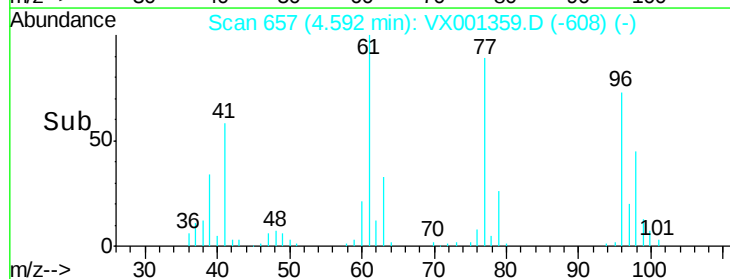
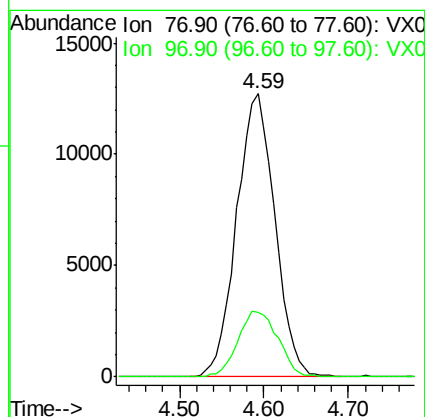
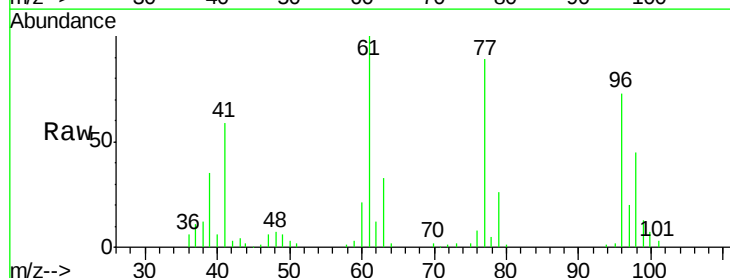
Acq: 03 May 2018 15:13

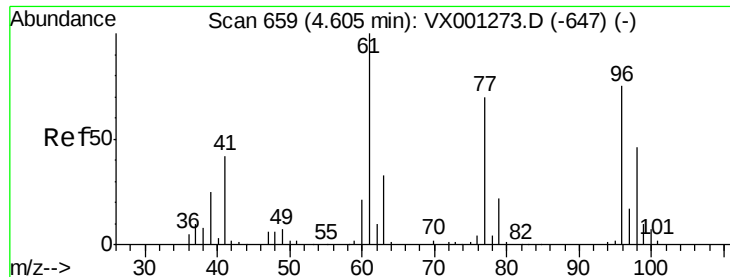
Tgt Ion: 77 Resp: 39124

Ion Ratio Lower Upper

77 100

97 24.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.04 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

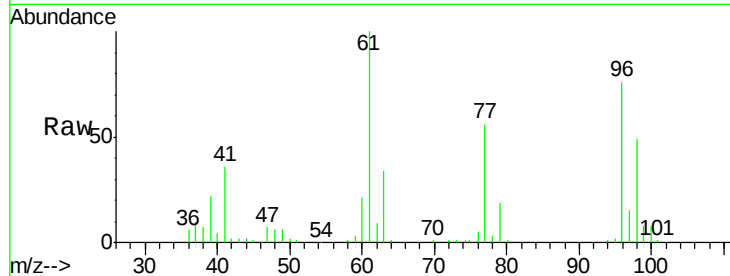
Tgt Ion: 96 Resp: 35448

Ion Ratio Lower Upper

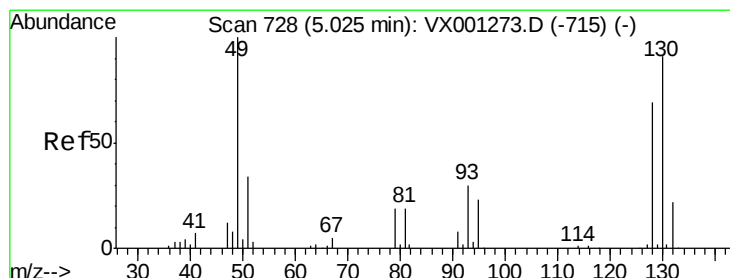
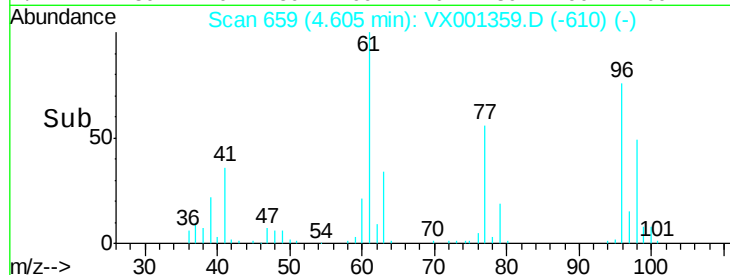
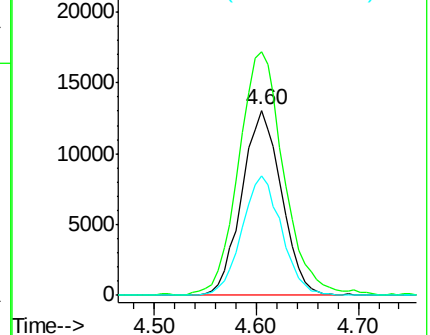
96 100

61 150.4 0.0 288.0

98 64.6 0.0 130.2



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: 23.86 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

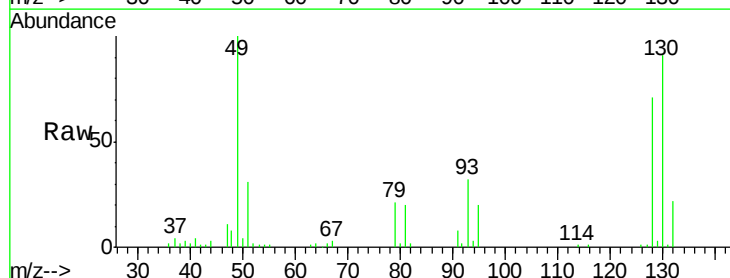
Tgt Ion: 49 Resp: 31342

Ion Ratio Lower Upper

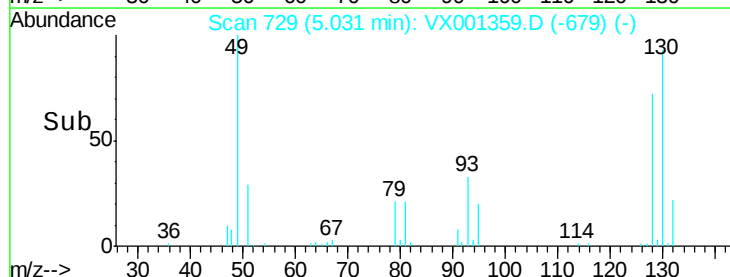
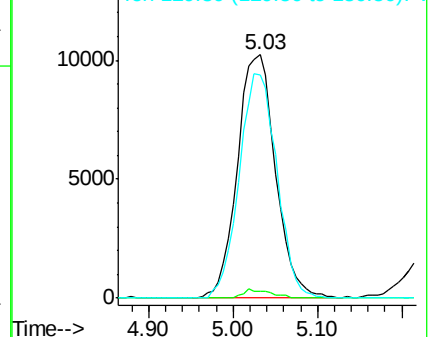
49 100

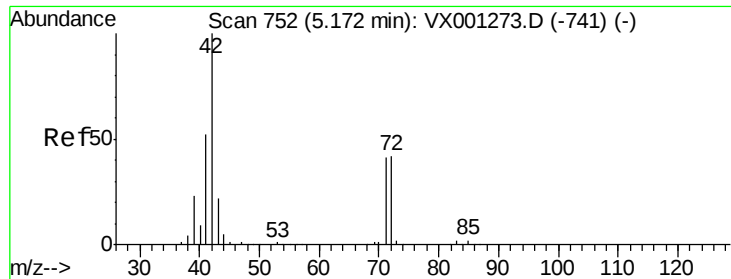
129 2.5 0.0 4.8

130 91.0 70.4 105.6



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

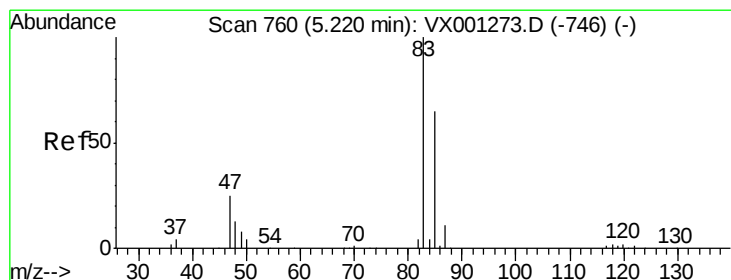
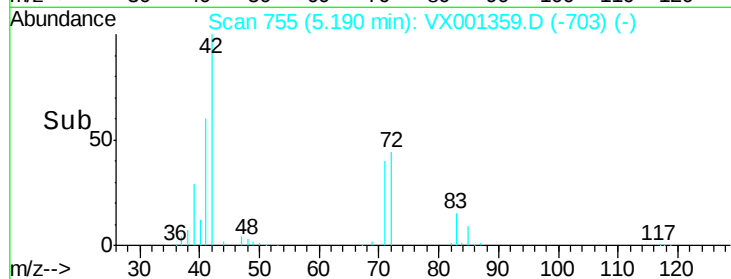
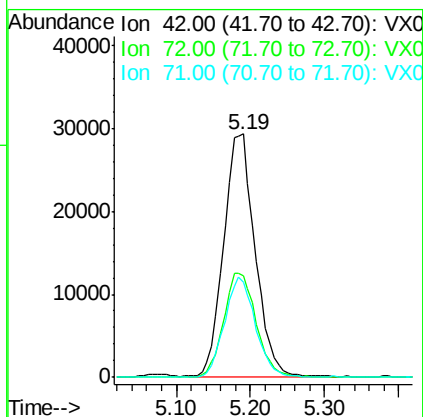
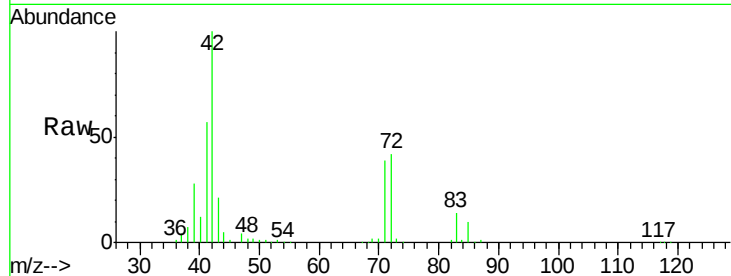




#29
Tetrahydrofuran
Concen: 113.54 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

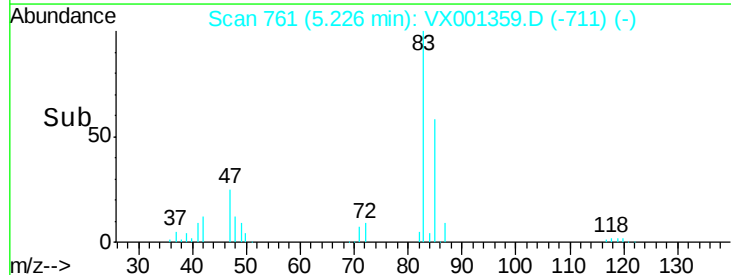
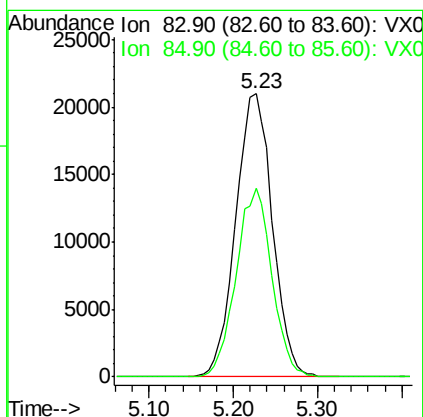
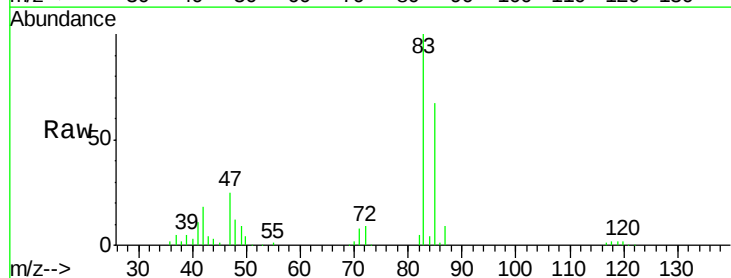
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

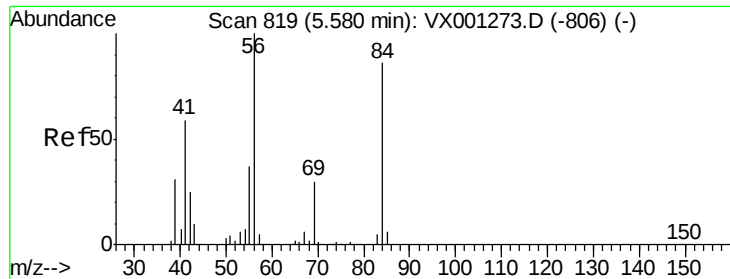
Tgt Ion: 42 Resp: 86581
Ion Ratio Lower Upper
42 100
72 44.6 34.6 52.0
71 40.5 32.7 49.1



#30
Chloroform
Concen: 20.02 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 83 Resp: 61834
Ion Ratio Lower Upper
83 100
85 66.6 52.2 78.2





#31

Cyclohexane

Concen: 17.54 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

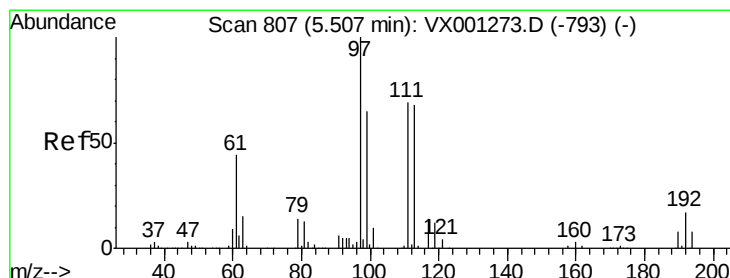
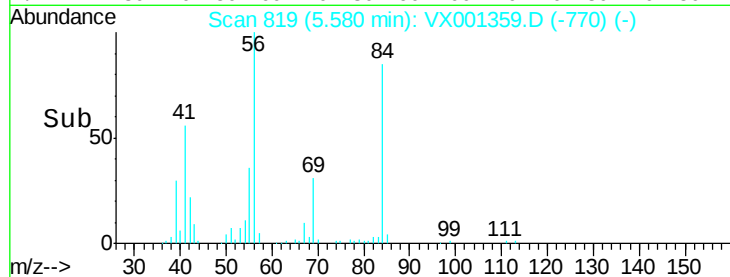
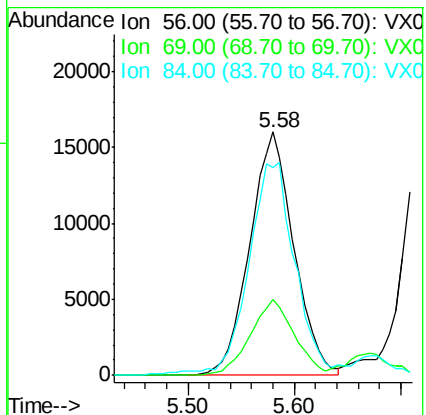
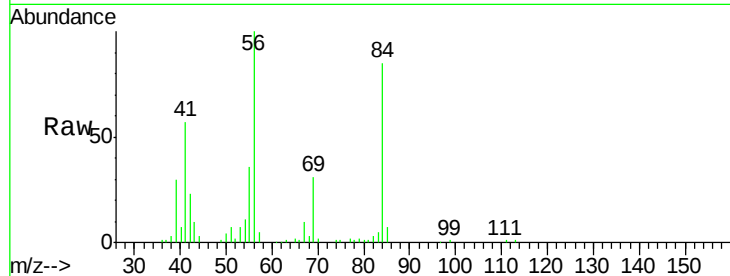
Tgt Ion: 56 Resp: 46281

Ion Ratio Lower Upper

56 100

69 31.4 24.0 36.0

84 83.4 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 19.50 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

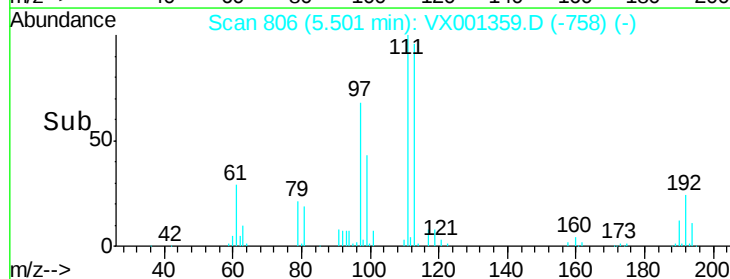
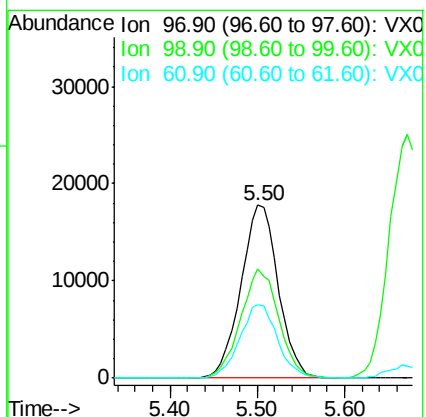
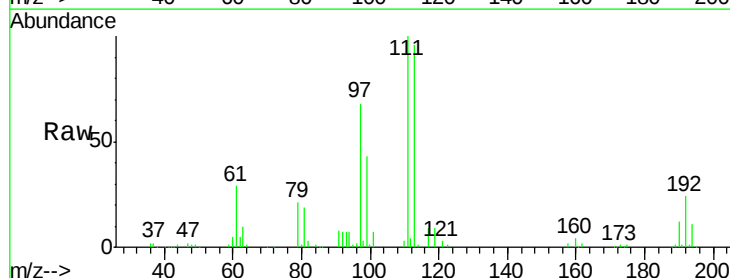
Tgt Ion: 97 Resp: 52640

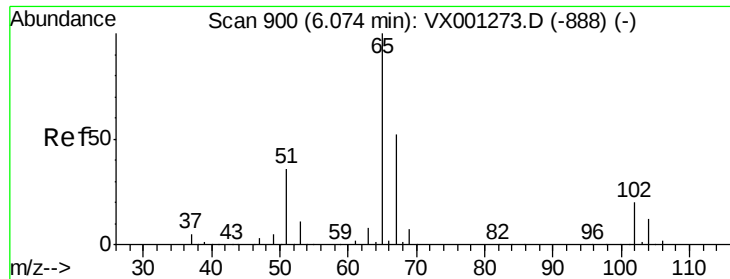
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 42.8 35.4 53.2

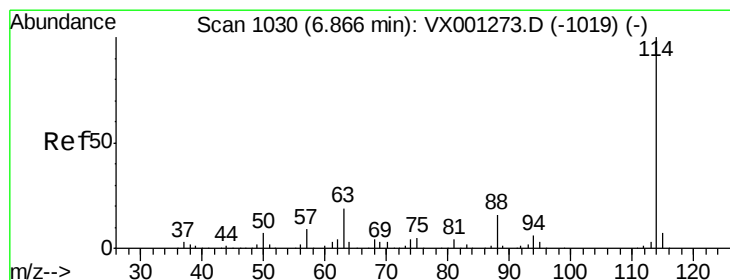
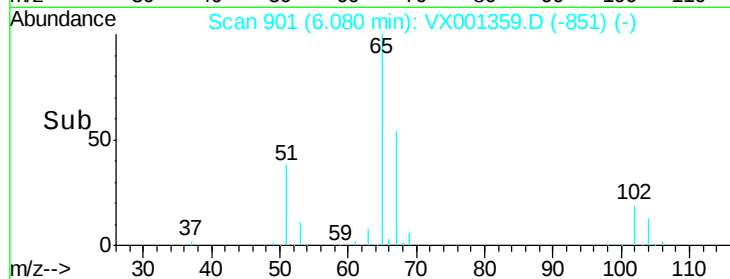
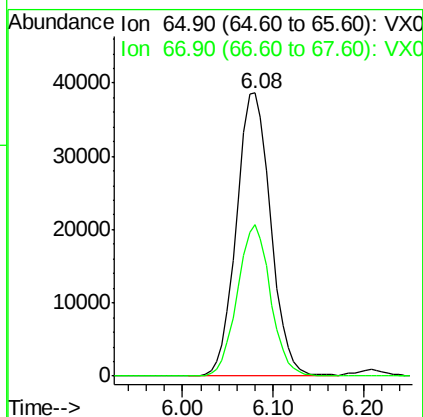
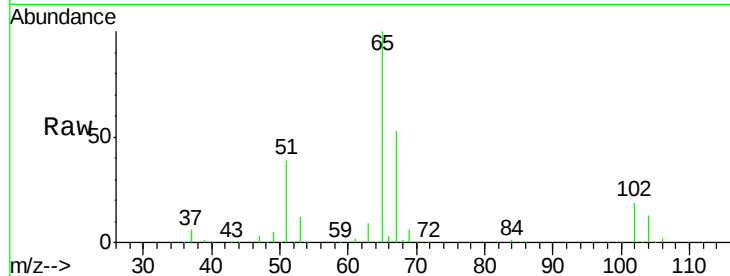




#33
 1,2-Dichloroethane-d4
 Concen: 47.23 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

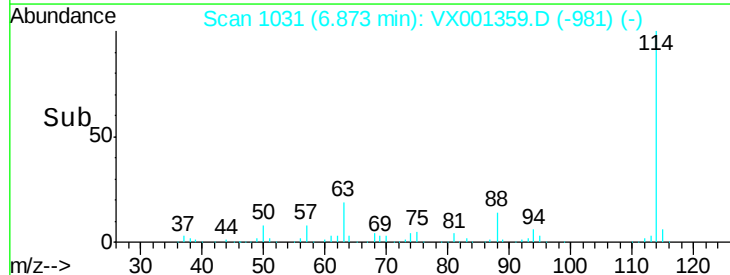
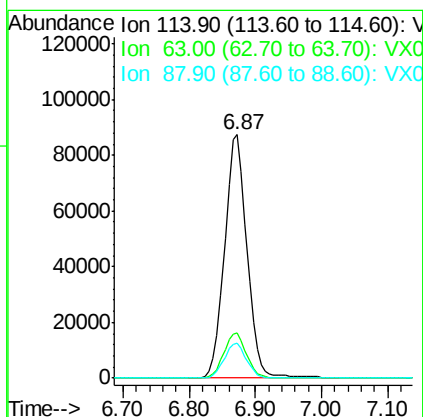
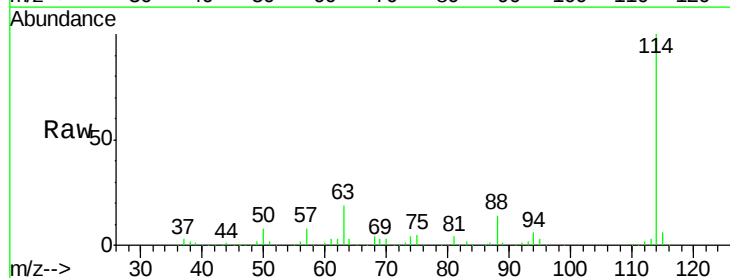
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

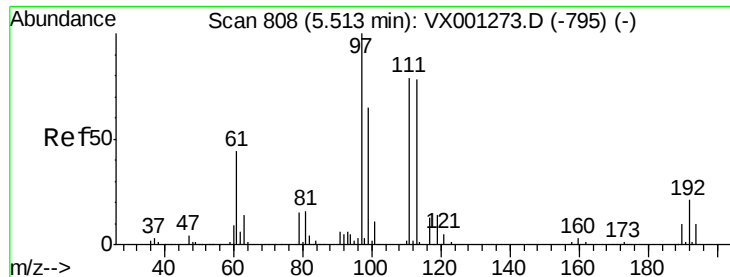
Tgt Ion: 65 Resp: 101456
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion: 114 Resp: 205222
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.8
 88 14.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.36 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

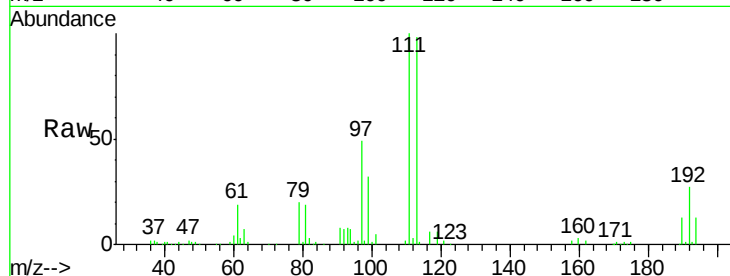
Tgt Ion:113 Resp: 87274

Ion Ratio Lower Upper

113 100

111 100.0 81.2 121.8

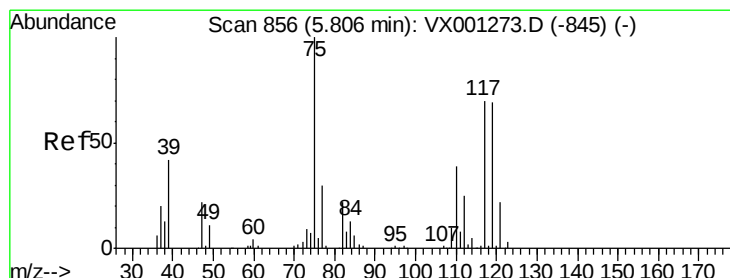
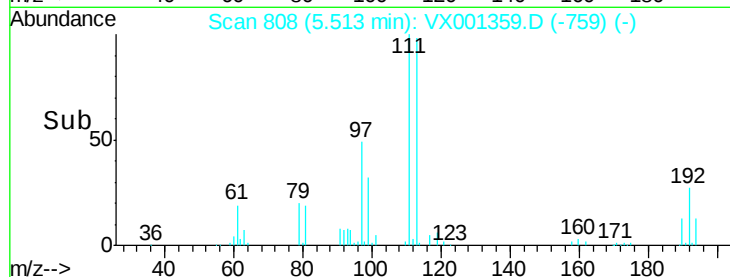
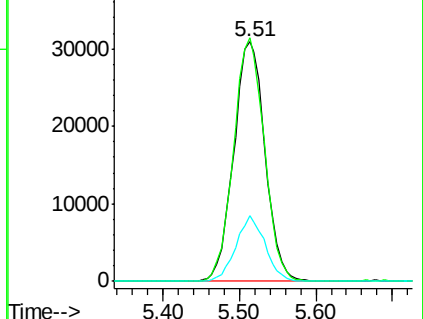
192 25.5 20.7 31.1



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: 17.46 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

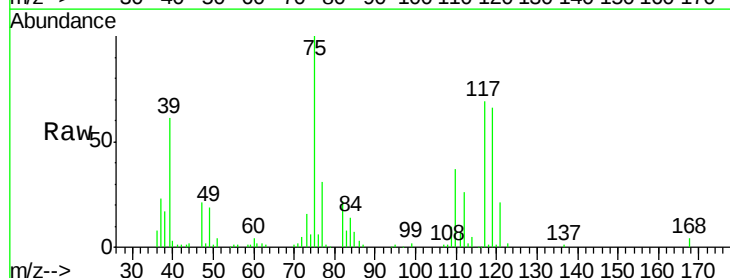
Tgt Ion: 75 Resp: 41361

Ion Ratio Lower Upper

75 100

110 38.7 18.9 56.9

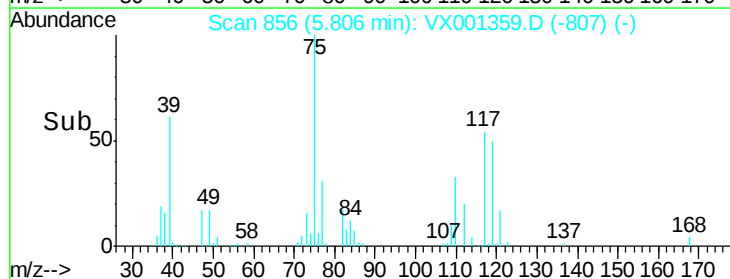
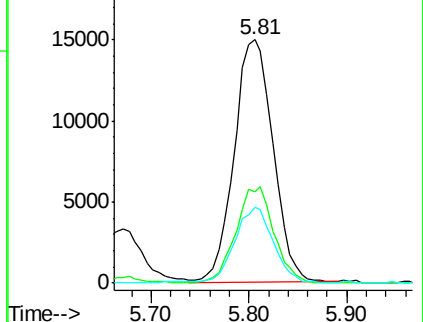
77 31.4 24.2 36.2

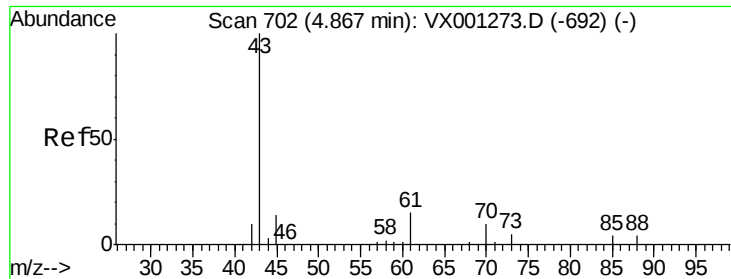


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

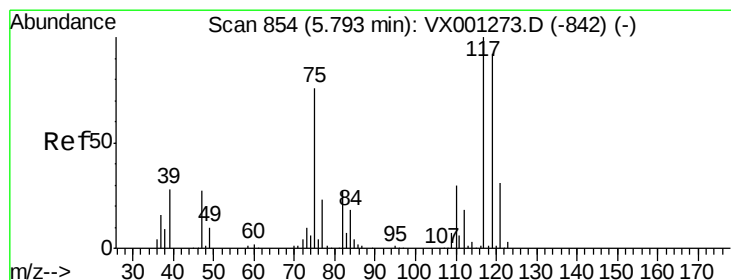
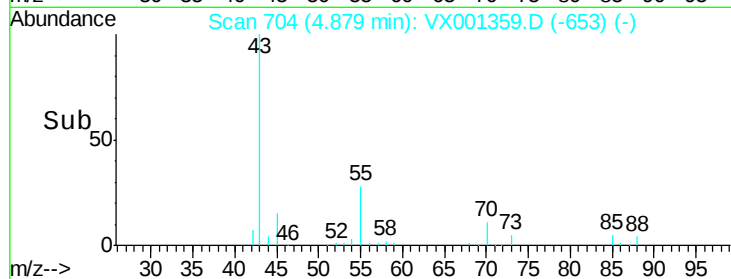
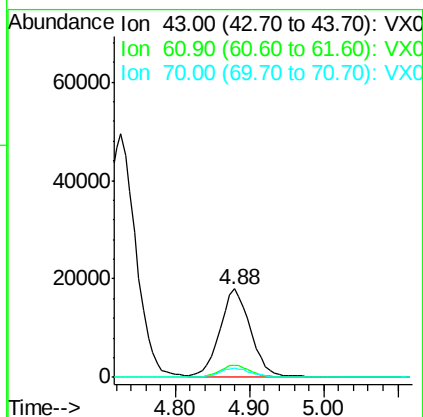
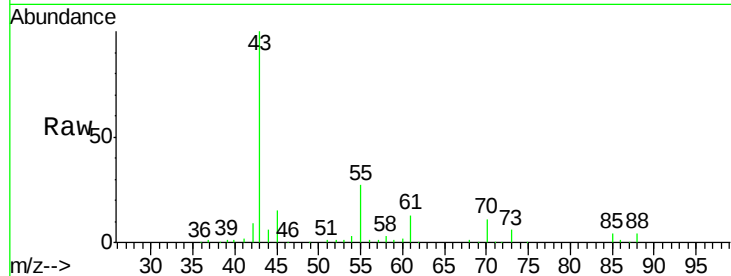




#37
 Ethyl Acetate
 Concen: 21.45 ug/l
 RT: 4.88 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

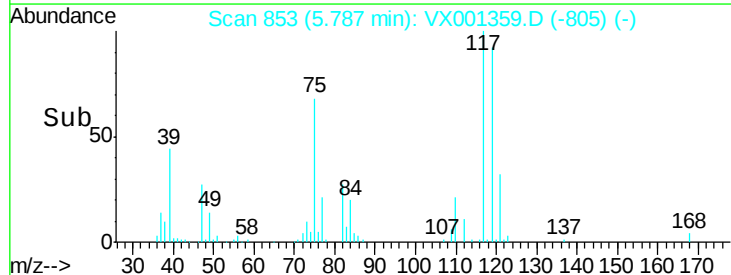
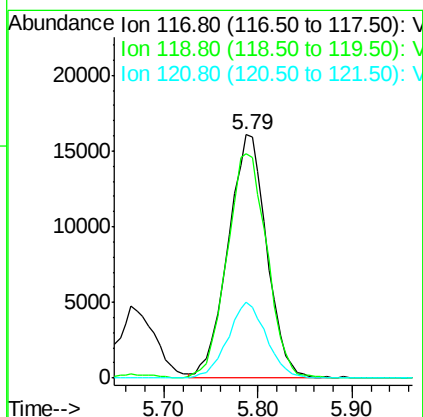
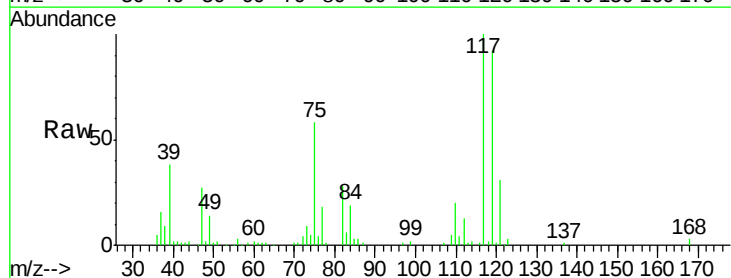
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Tgt Ion: 43 Resp: 51298
 Ion Ratio Lower Upper
 43 100
 61 14.0 10.7 16.1
 70 10.5 8.0 12.0



#38
 Carbon Tetrachloride
 Concen: 18.58 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion: 117 Resp: 46097
 Ion Ratio Lower Upper
 117 100
 119 92.0 73.4 110.2
 121 31.4 25.0 37.4

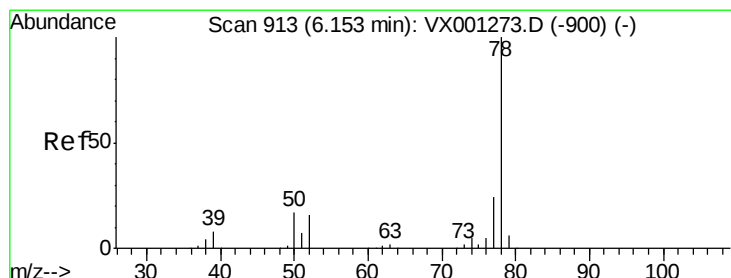
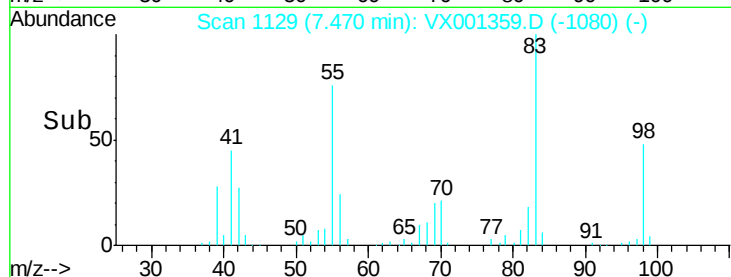
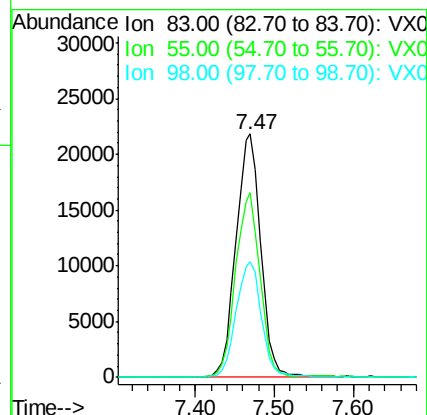
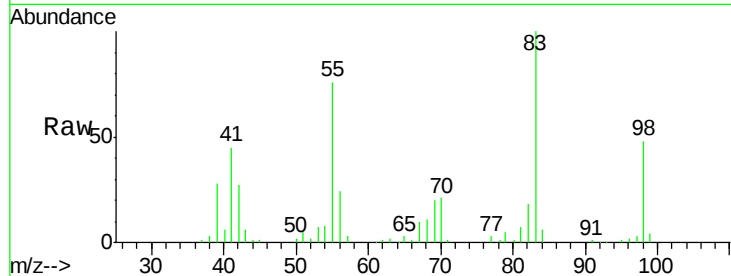




#39
Methylcyclohexane
Concen: 17.17 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

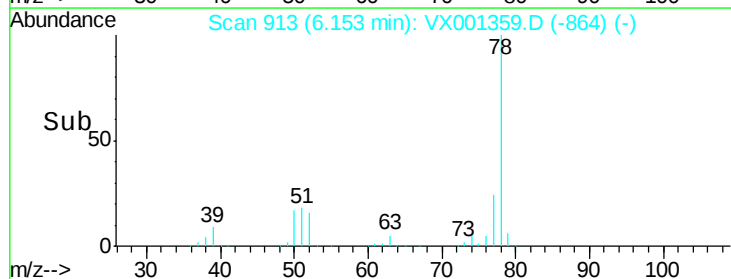
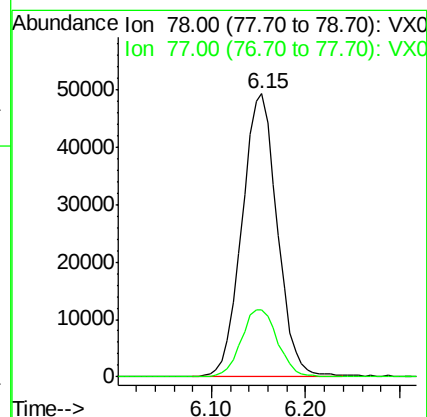
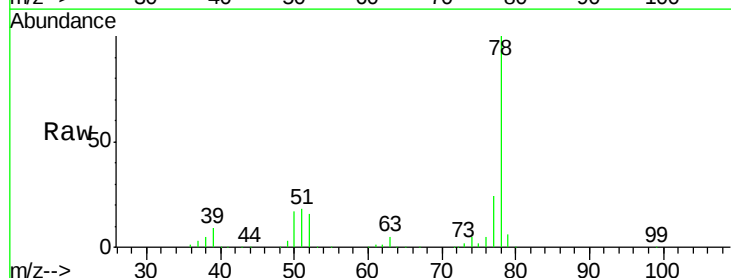
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

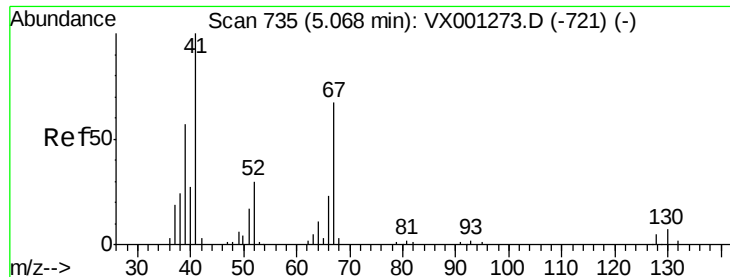
Tgt Ion: 83 Resp: 48105
Ion Ratio Lower Upper
83 100
55 75.7 60.4 90.6
98 47.7 37.0 55.6



#40
Benzene
Concen: 18.95 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 78 Resp: 129144
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

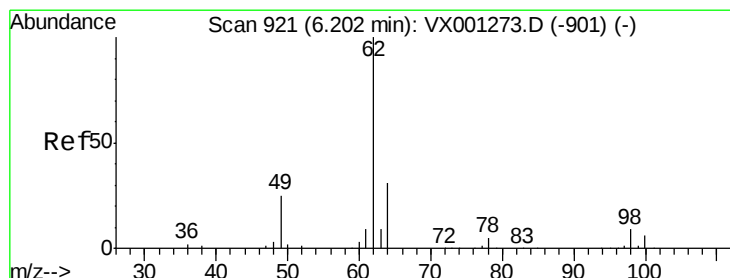
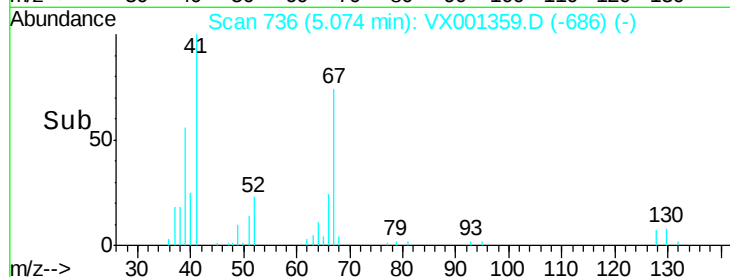
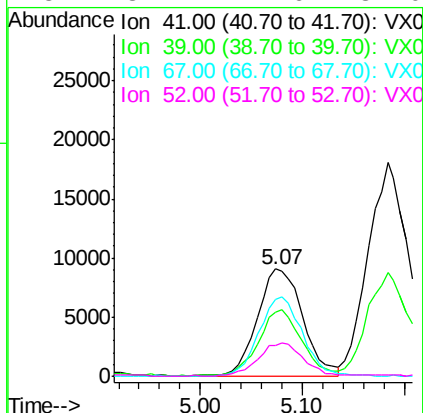
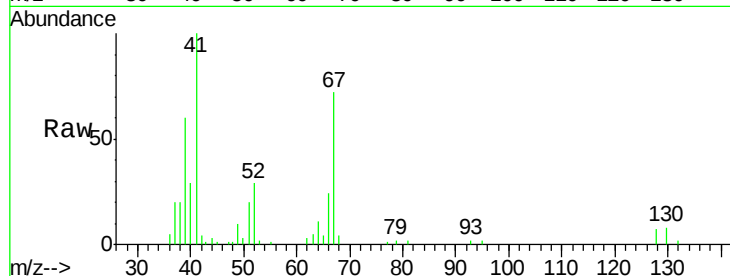




#41
Methacrylonitrile
Concen: 20.20 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

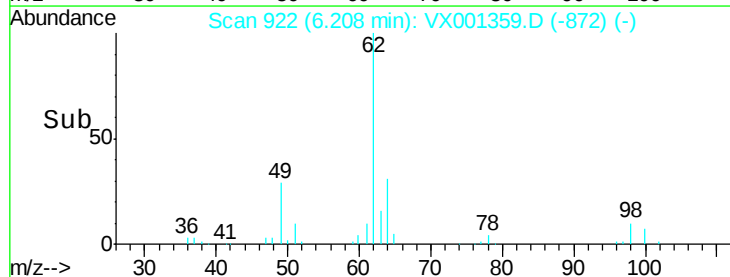
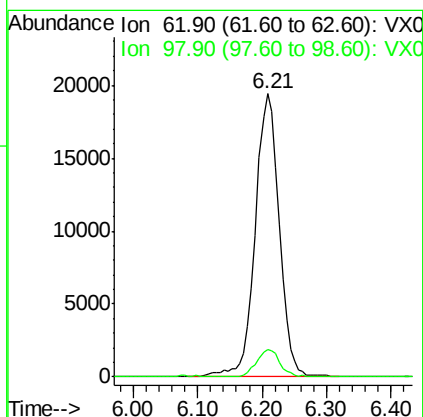
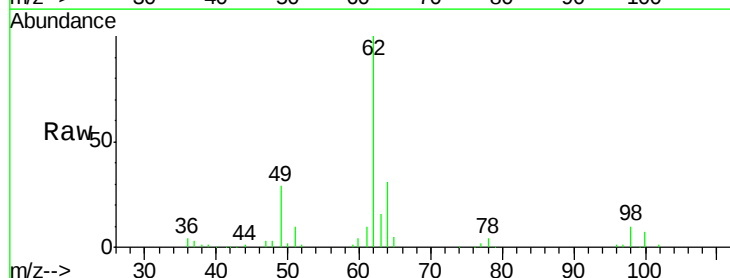
Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

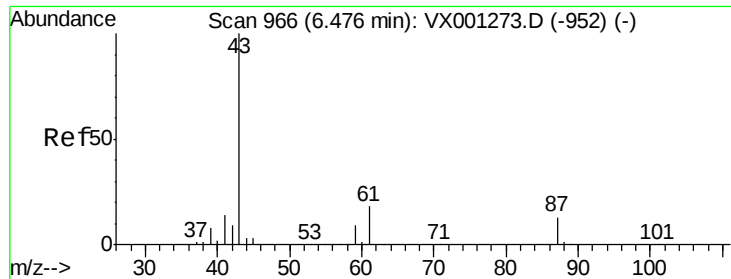
Tgt Ion:	41	Resp:	28134
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.8	68.8
67	70.4	54.8	82.2
52	31.4	24.6	37.0



#42
1,2-Dichloroethane
Concen: 18.82 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion:	62	Resp:	49641
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.76 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

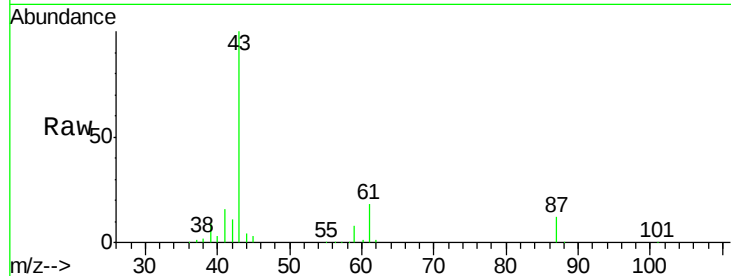
Tgt Ion: 43 Resp: 76495

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

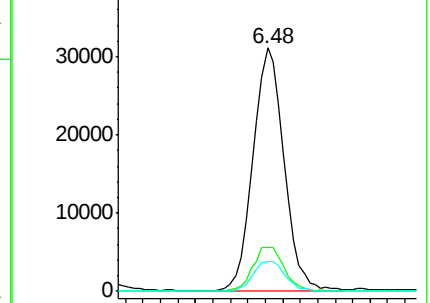
87 13.3 10.2 15.4



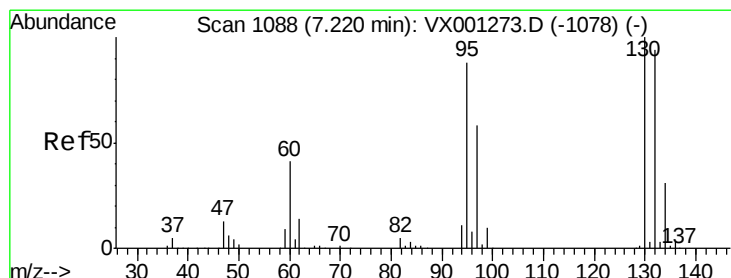
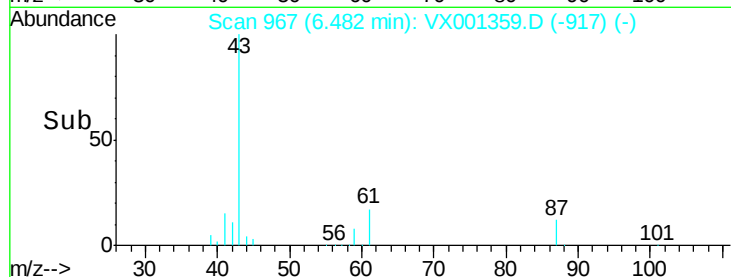
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#44

Trichloroethene

Concen: 19.76 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001359.D

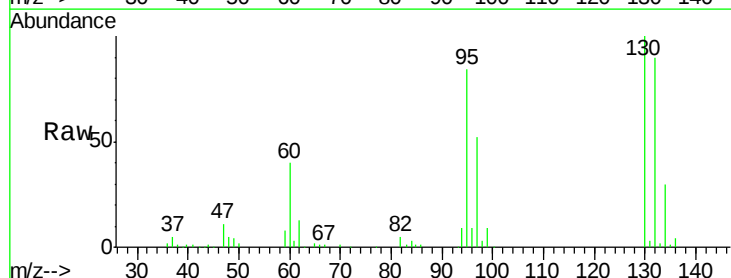
Acq: 03 May 2018 15:13

Tgt Ion: 130 Resp: 41222

Ion Ratio Lower Upper

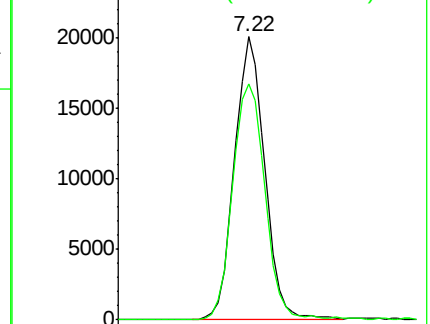
130 100

95 83.6 0.0 176.0

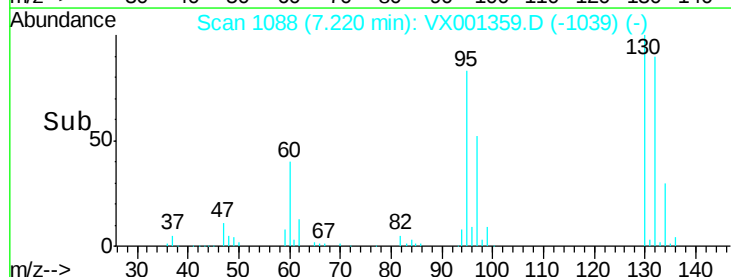


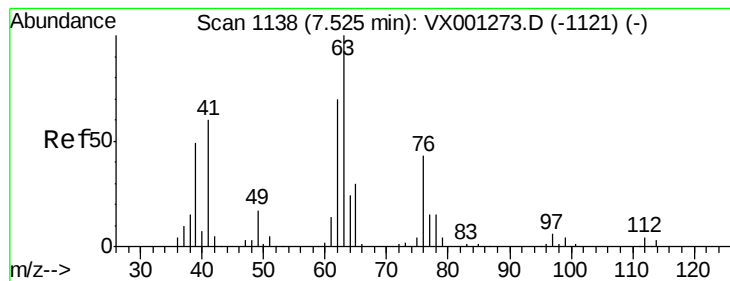
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 19.31 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

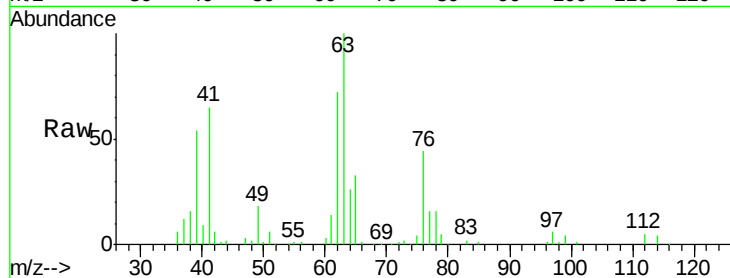
VX0503WBS01

Tgt Ion: 63 Resp: 33794

Ion Ratio Lower Upper

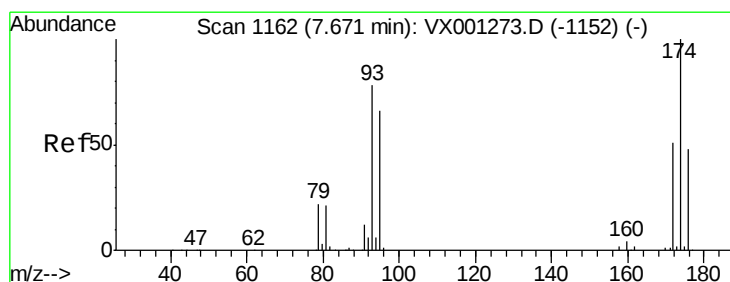
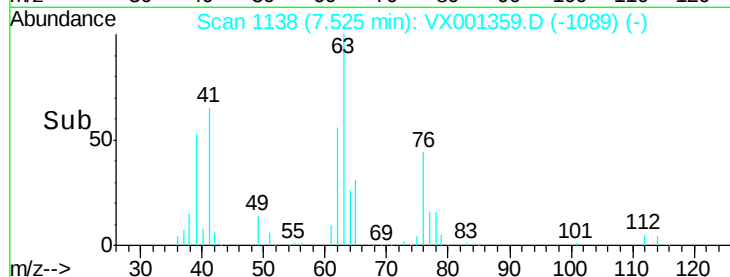
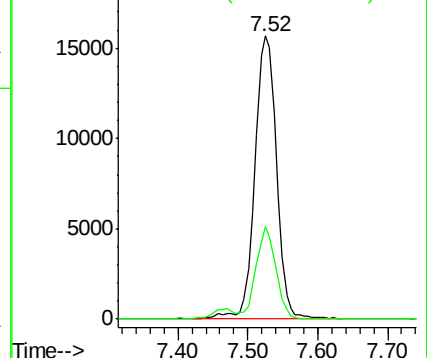
63 100

65 32.8 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.47 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

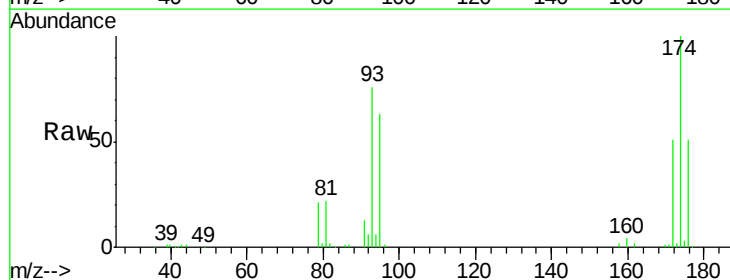
Tgt Ion: 93 Resp: 23885

Ion Ratio Lower Upper

93 100

95 84.9 67.0 100.6

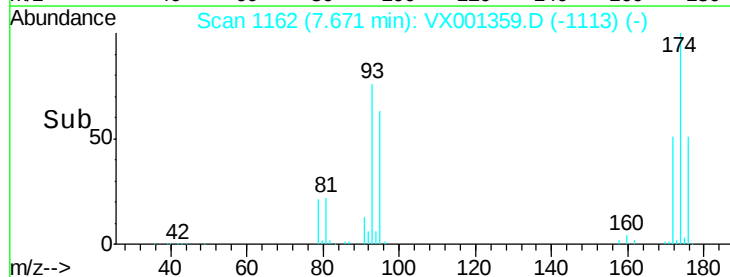
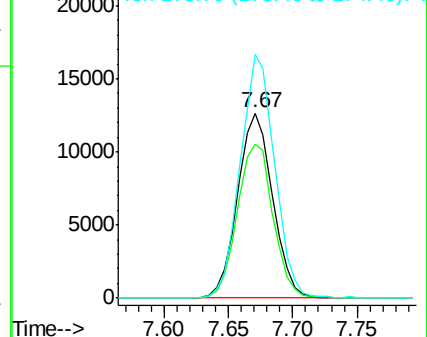
174 128.2 102.3 153.5

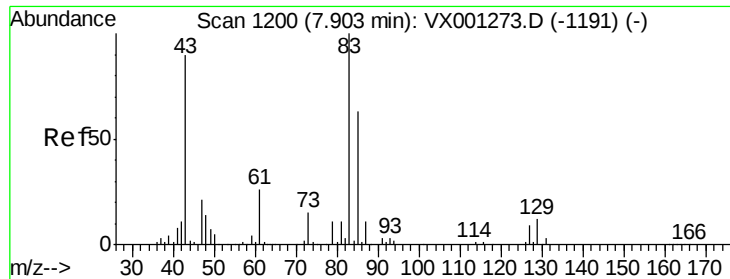


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.99 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

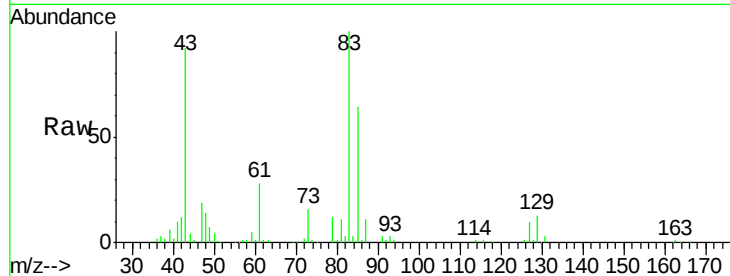
Tgt Ion: 83 Resp: 41646

Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5

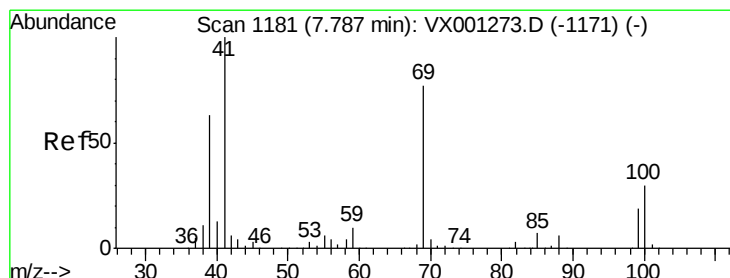
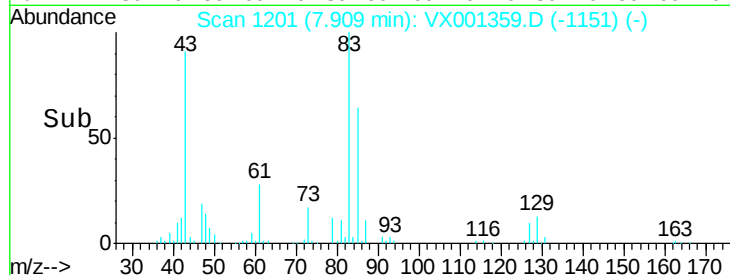
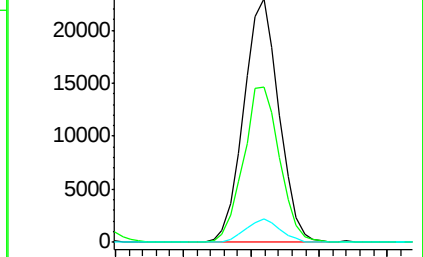
127 9.8 7.4 11.2



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: 19.57 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

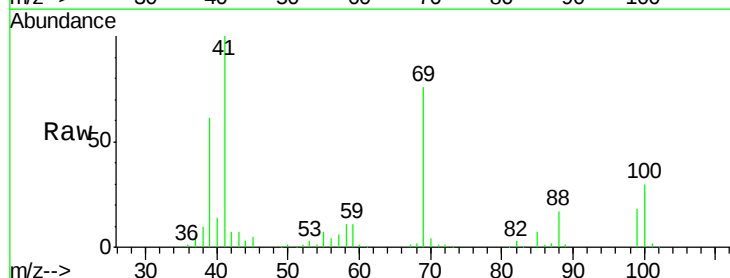
Tgt Ion: 41 Resp: 40285

Ion Ratio Lower Upper

41 100

69 81.9 63.0 94.6

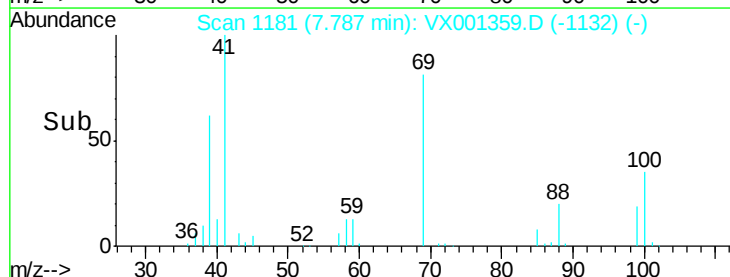
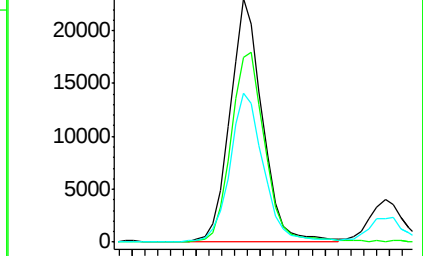
39 63.8 50.2 75.4

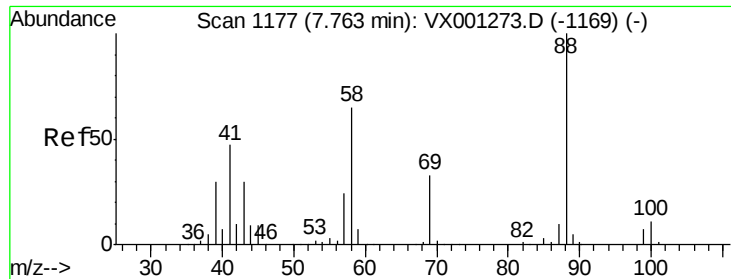


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

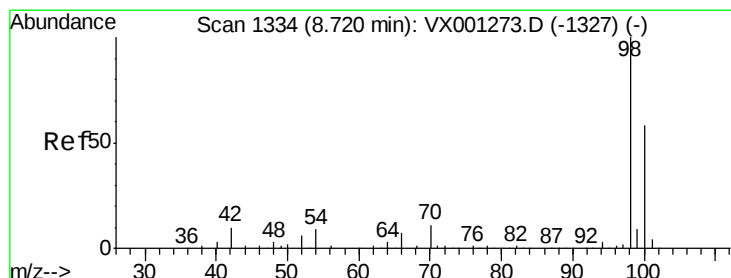
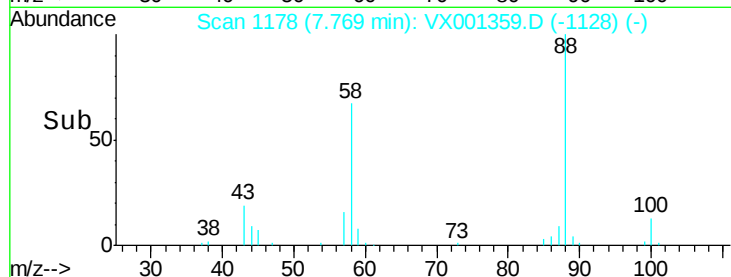
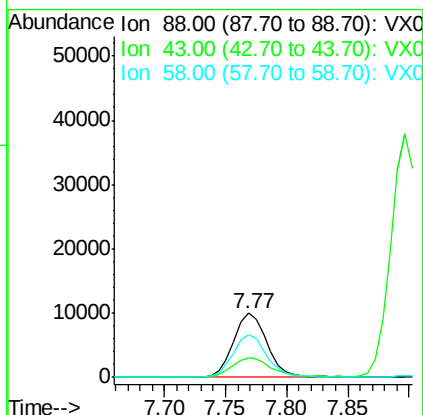
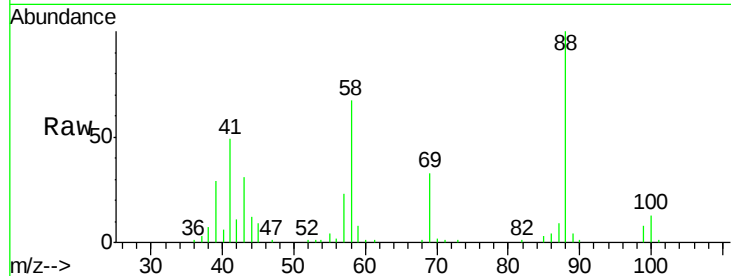




#49
1,4-Dioxane
Concen: 483.22 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

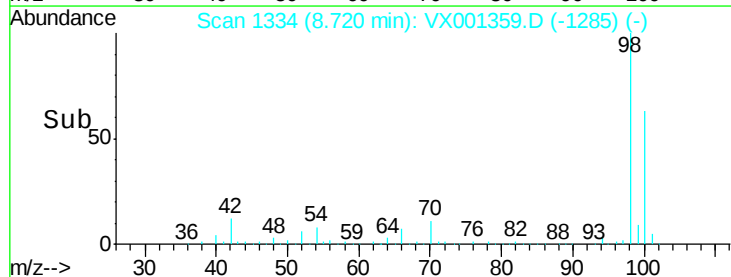
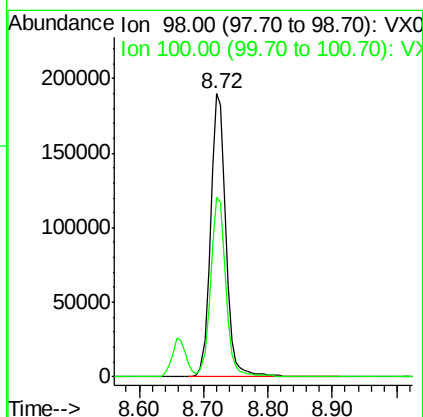
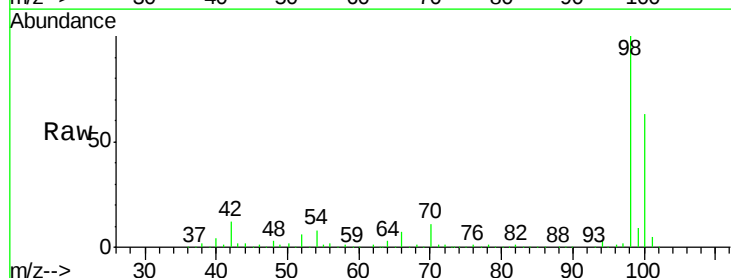
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

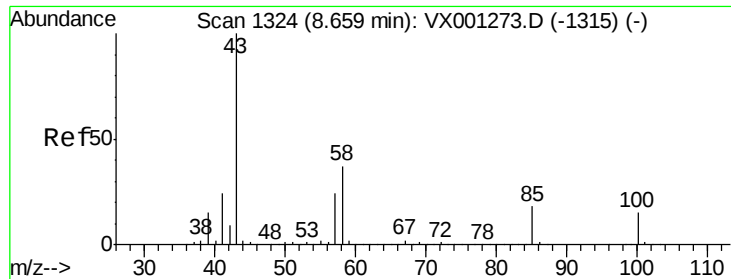
Tgt Ion: 88 Resp: 18770
Ion Ratio Lower Upper
88 100
43 34.6 27.9 41.9
58 67.8 54.2 81.2



#50
Toluene-d8
Concen: 50.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 98 Resp: 315933
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4

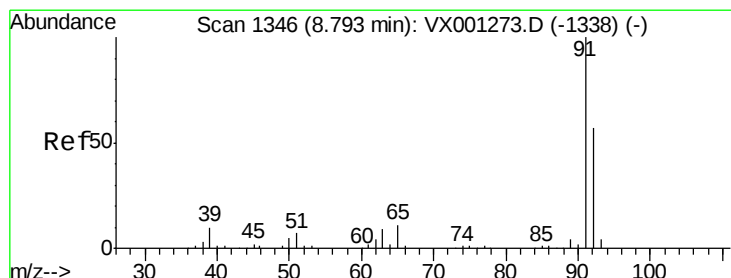
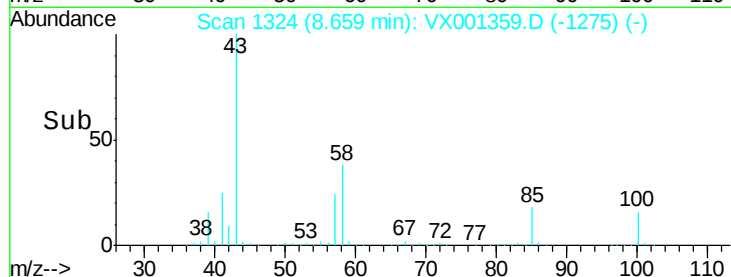
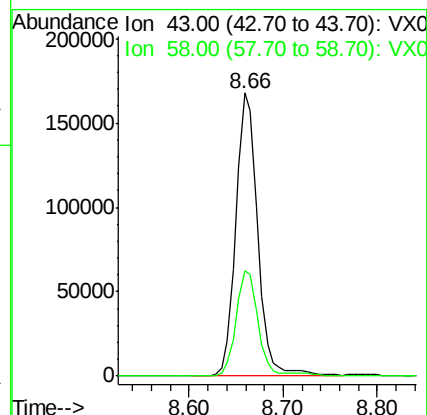
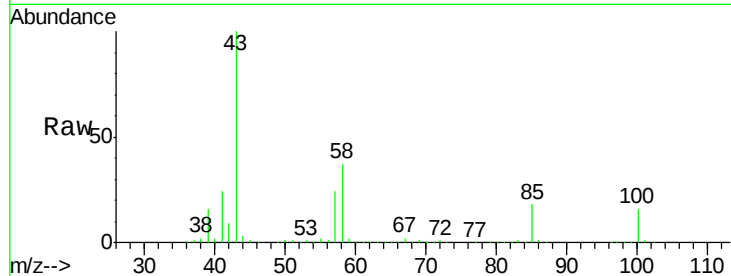




#51
 4-Methyl-2-Pentanone
 Concen: 108.22 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

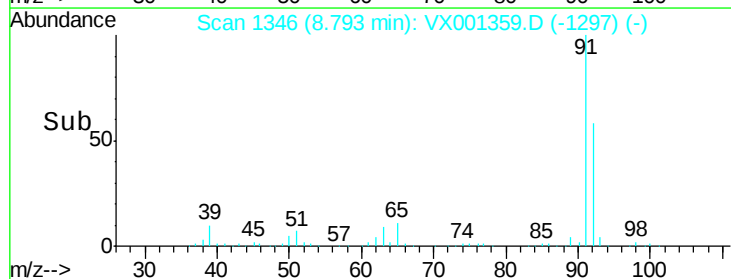
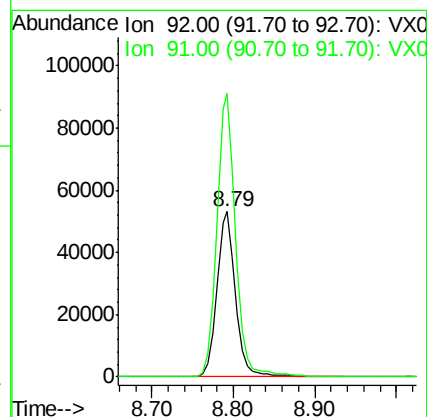
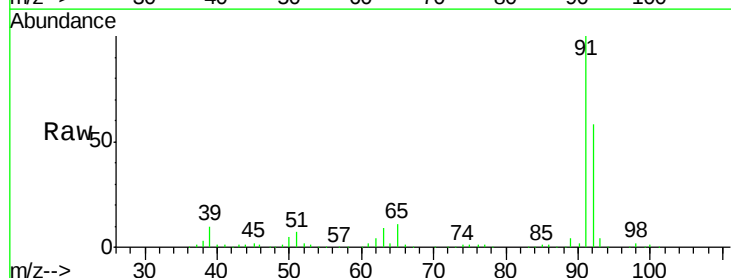
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

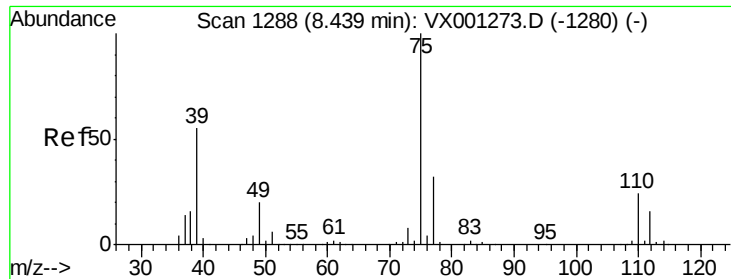
Tgt Ion: 43 Resp: 270136
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.0 43.6



#52
 Toluene
 Concen: 19.23 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion: 92 Resp: 85654
 Ion Ratio Lower Upper
 92 100
 91 173.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 17.75 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

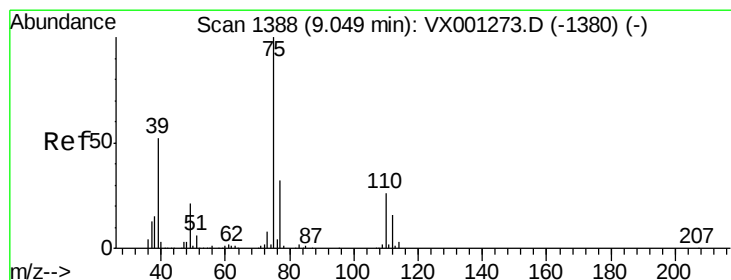
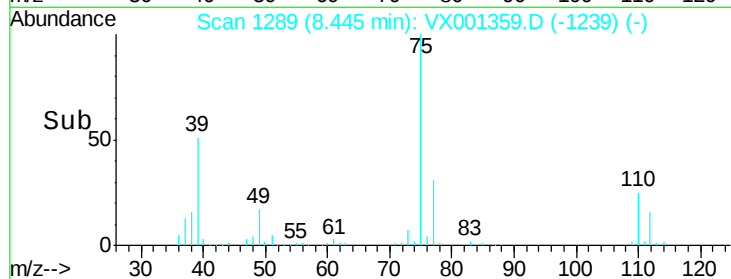
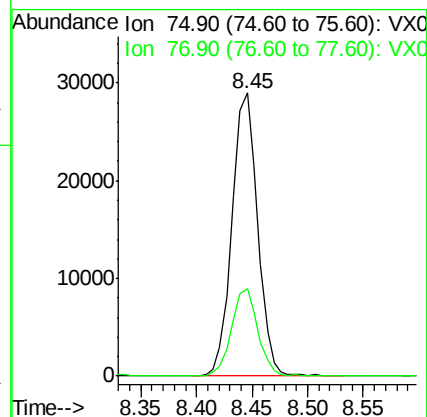
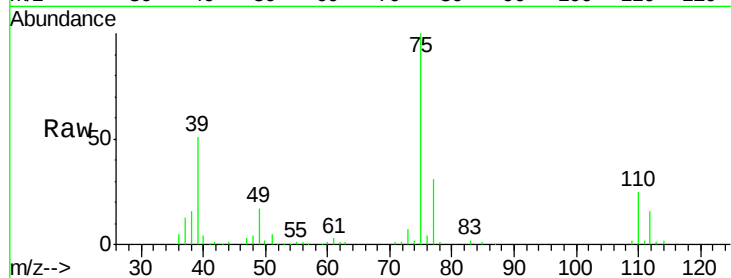
VX0503WBS01

Tgt Ion: 75 Resp: 46291

Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 17.47 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

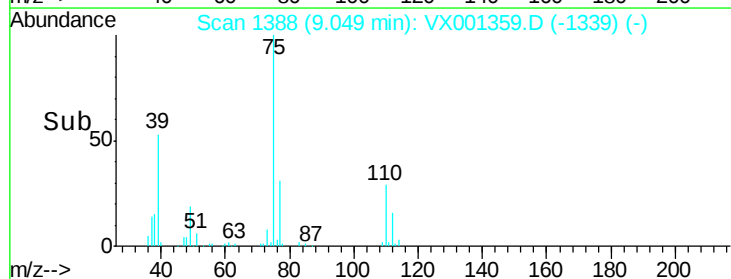
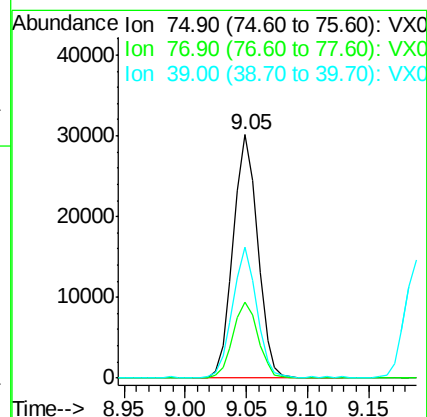
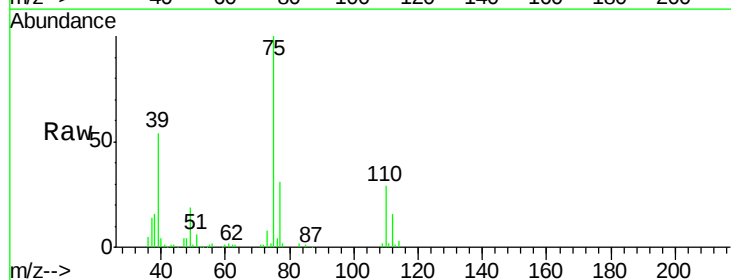
Tgt Ion: 75 Resp: 41920

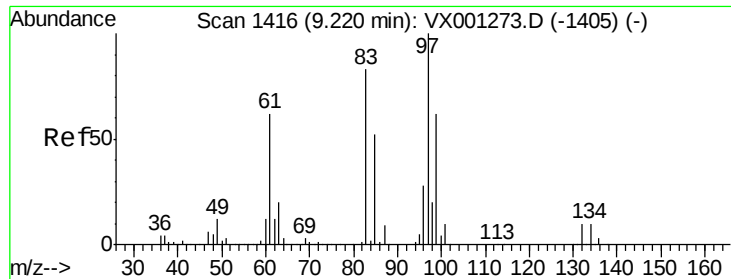
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 53.2 41.9 62.9

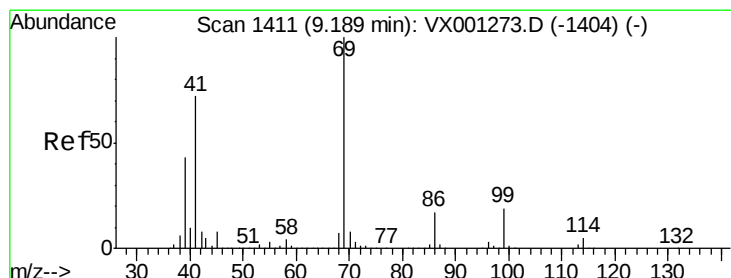
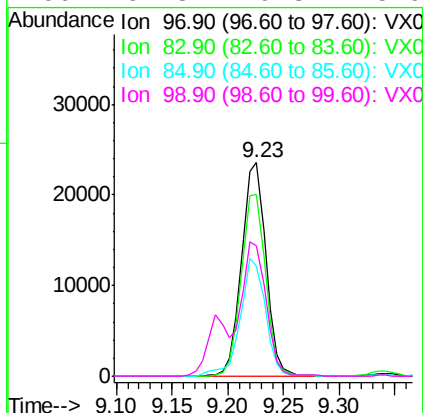
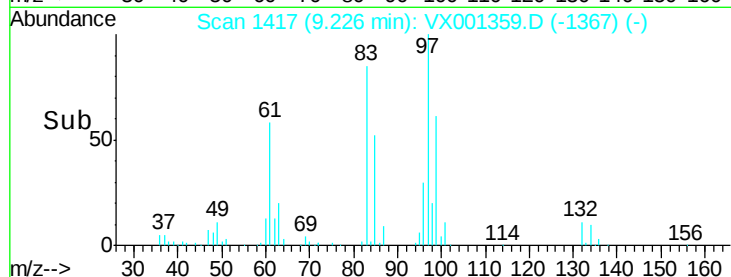
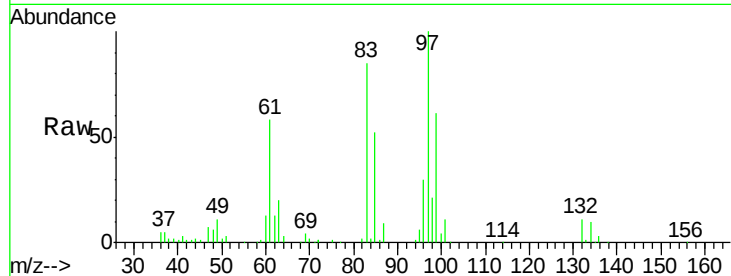




#55
 1,1,2-Trichloroethane
 Concen: 20.01 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

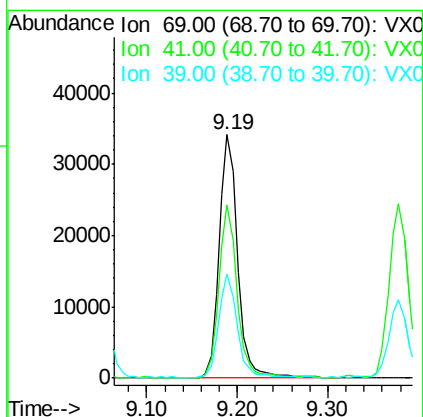
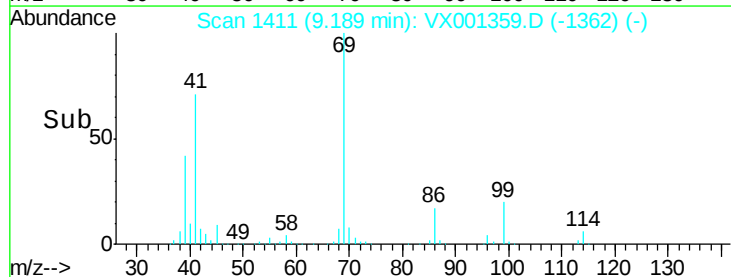
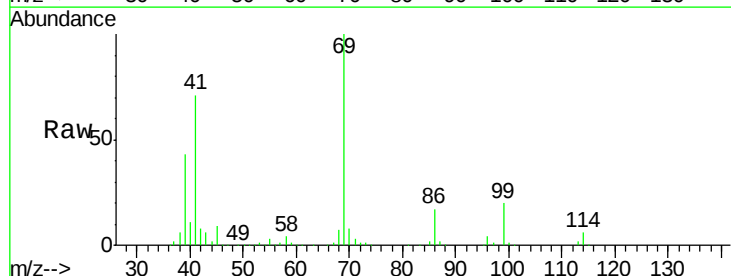
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

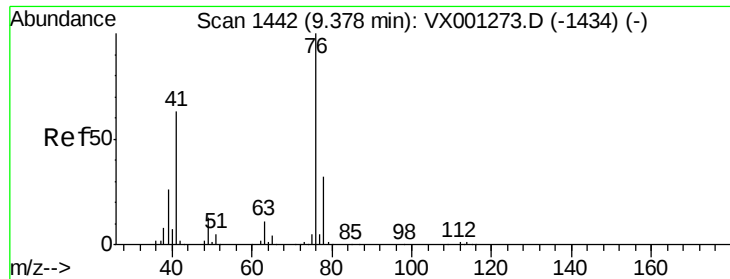
Tgt Ion:	97	Resp:	36009
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	51.6	41.6	62.4
99	61.3	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 19.57 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion:	69	Resp:	48796
Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.2	85.8
39	42.9	34.3	51.5

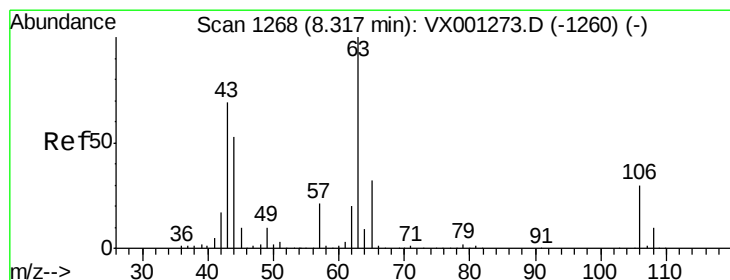
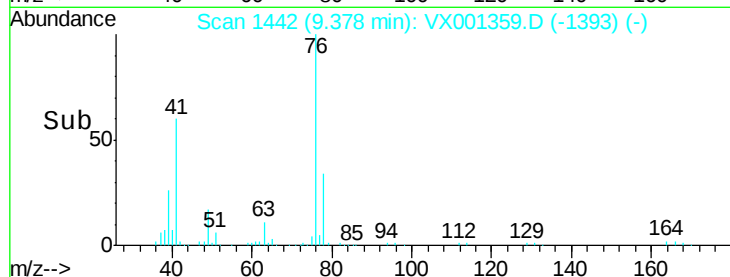
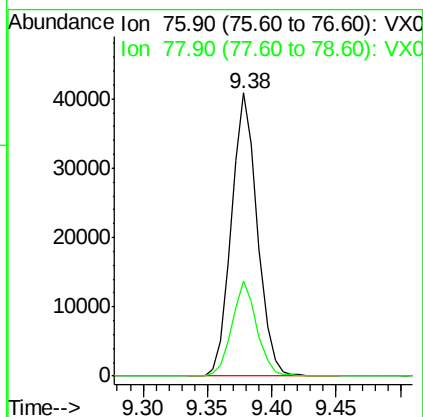
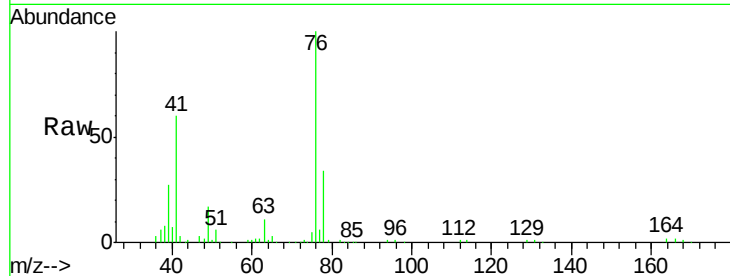




#57
 1,3-Dichloropropane
 Concen: 19.86 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

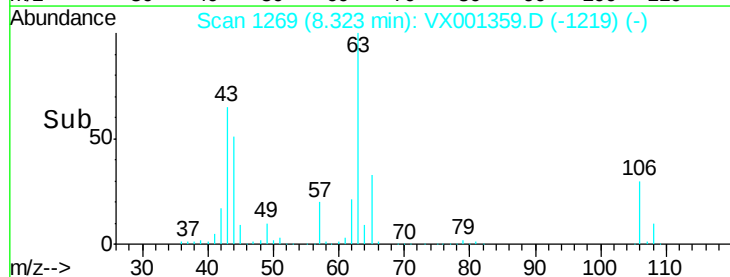
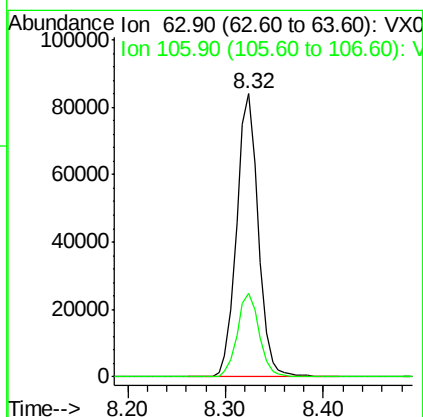
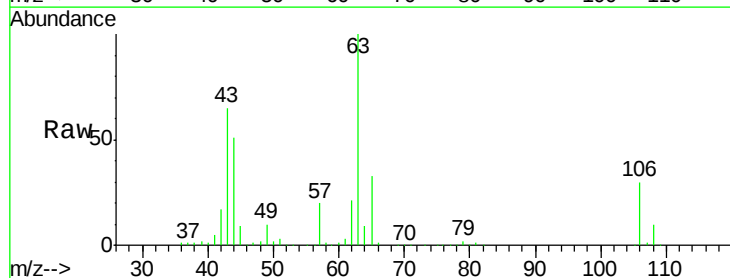
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

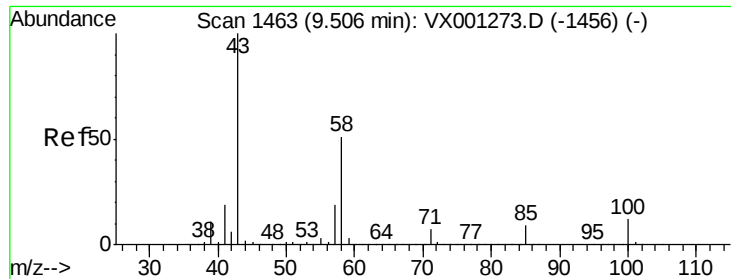
Tgt Ion: 76 Resp: 57468
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.53 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion: 63 Resp: 129329
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.8 35.6

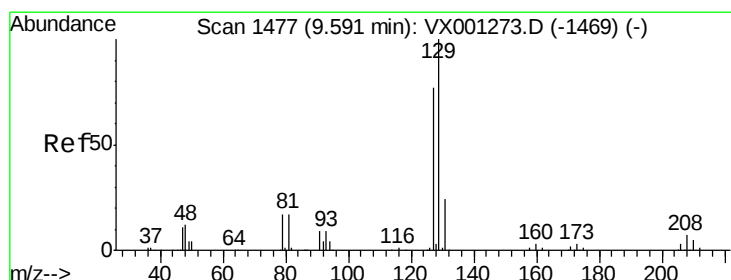
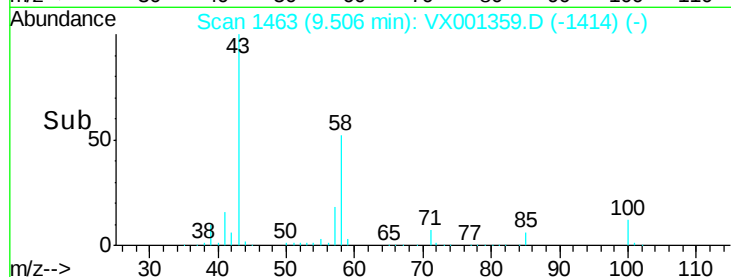
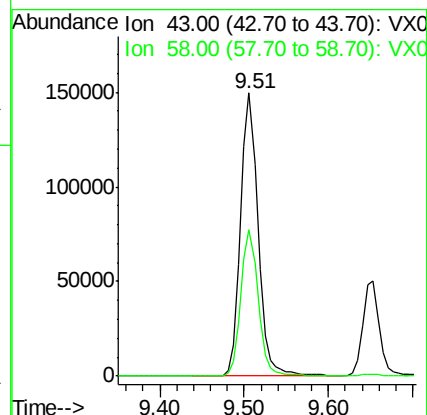
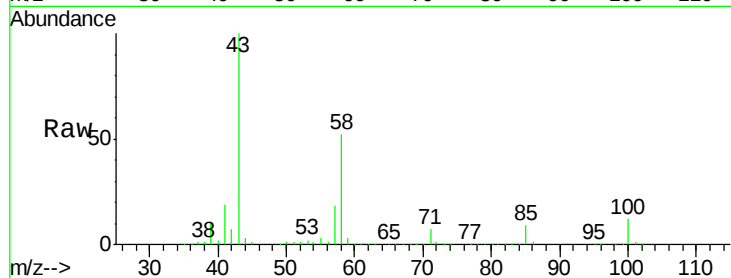




#59
2-Hexanone
Concen: 106.29 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

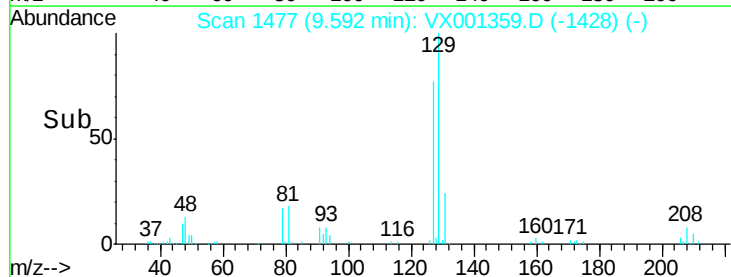
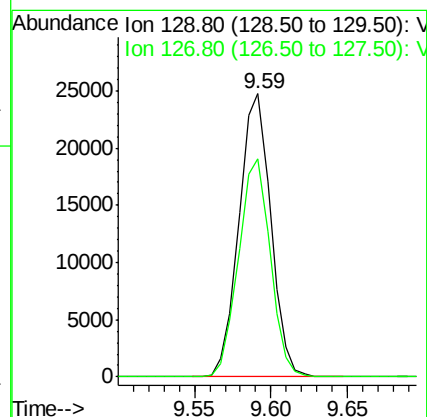
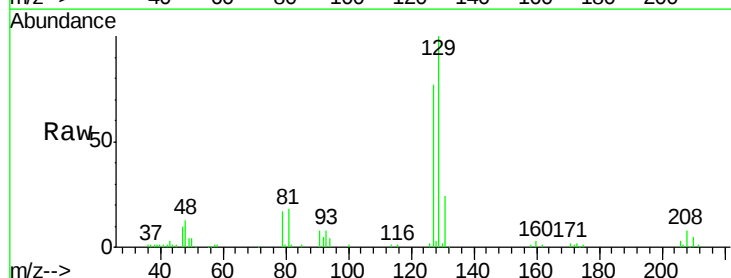
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

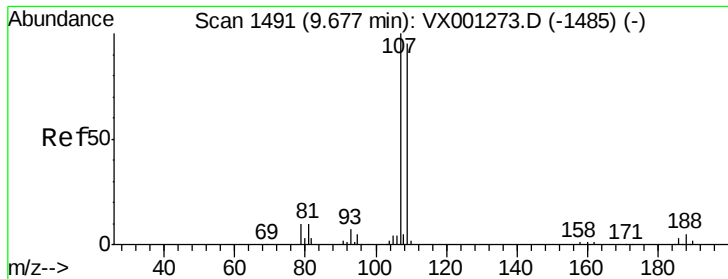
Tgt Ion: 43 Resp: 207386
Ion Ratio Lower Upper
43 100
58 51.6 25.7 77.0



#60
Dibromochloromethane
Concen: 19.05 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 129 Resp: 35743
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

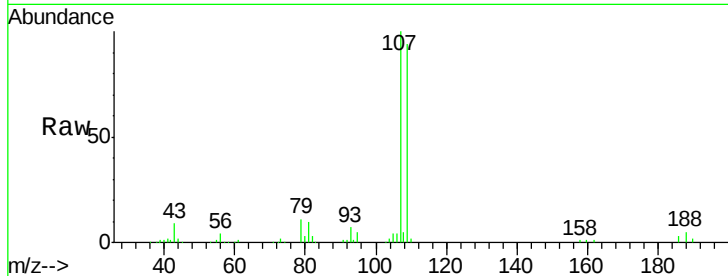
VX0503WBS01

Tgt Ion: 107 Resp: 37949

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

30000

25000

20000

15000

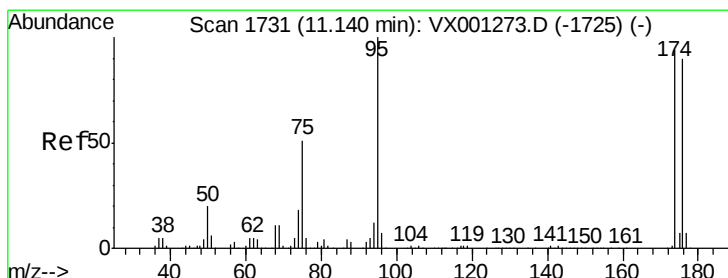
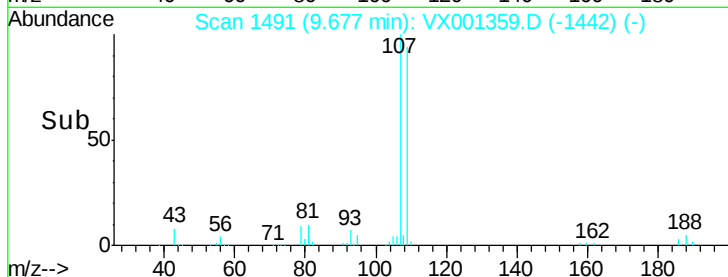
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.56 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

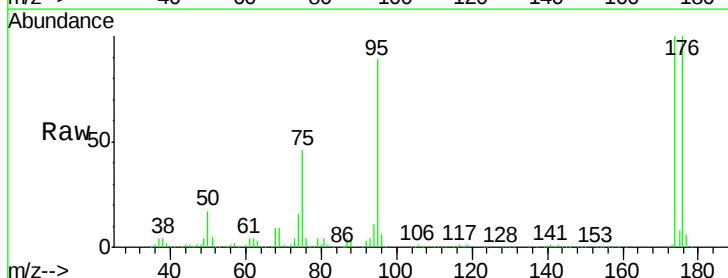
Tgt Ion: 95 Resp: 112570

Ion Ratio Lower Upper

95 100

174 105.1 0.0 201.8

176 103.9 0.0 197.2



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

11.15

120000

100000

80000

60000

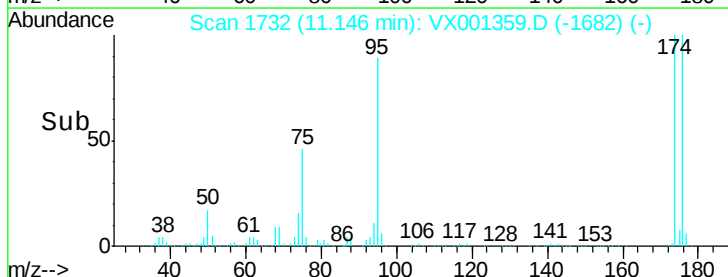
40000

20000

0

Time-->

11.10 11.20

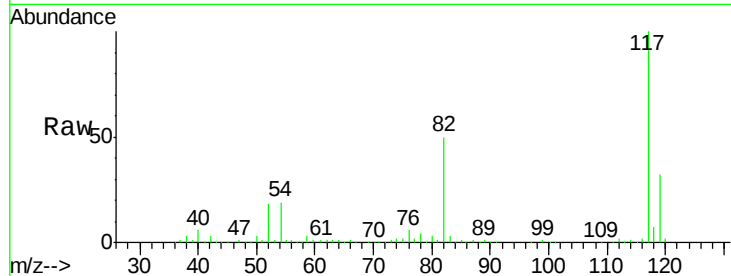




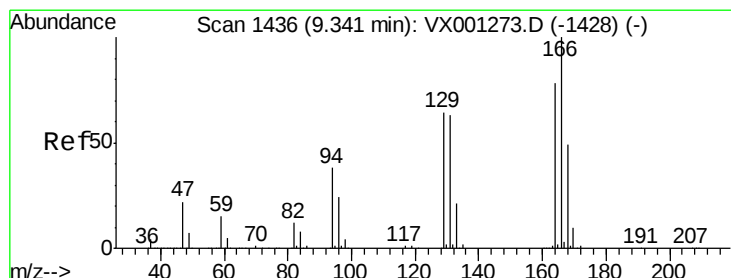
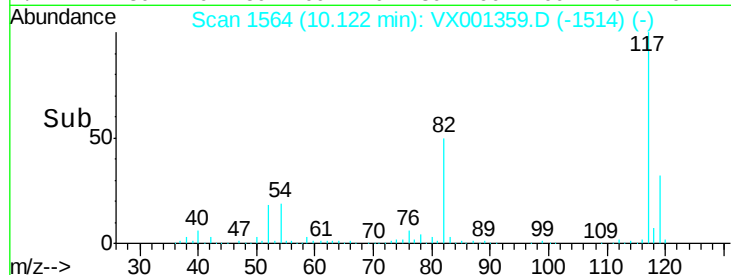
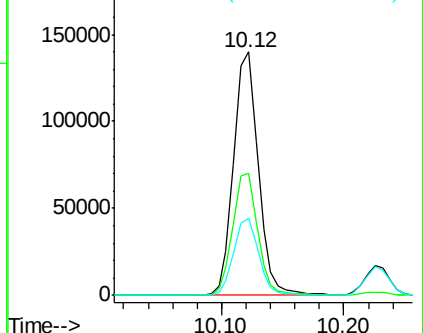
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tgt Ion:117 Resp: 195821
Ion Ratio Lower Upper
117 100
82 49.9 41.4 62.0
119 31.9 25.5 38.3

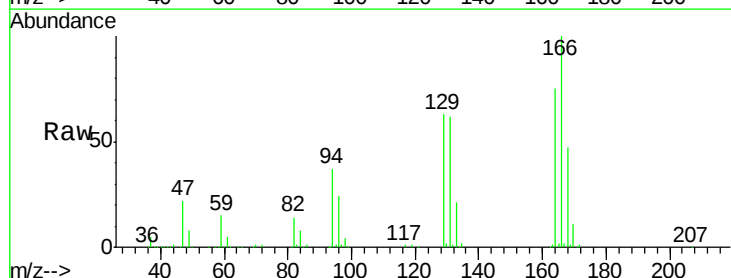


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

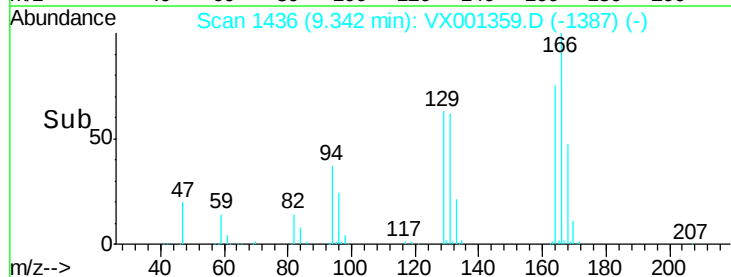
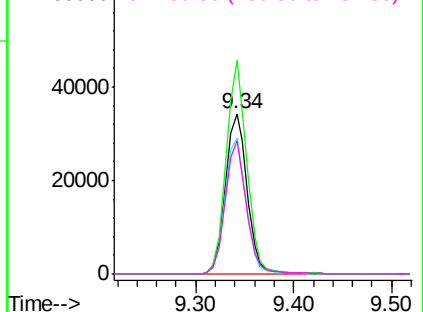


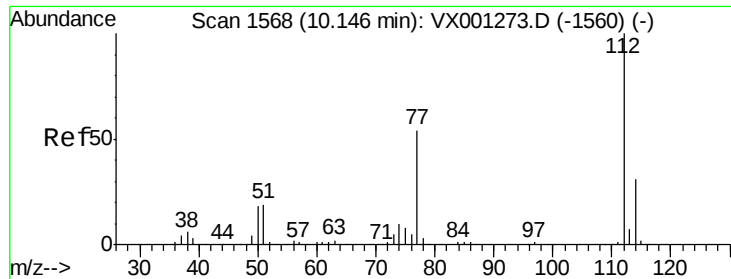
#64
Tetrachloroethene
Concen: 22.97 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion:164 Resp: 53278
Ion Ratio Lower Upper
164 100
166 133.4 102.3 153.5
129 84.5 65.1 97.7
131 83.0 64.2 96.4



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: 18.73 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

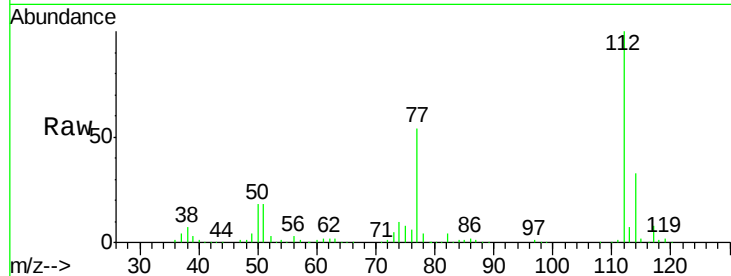
VX0503WBS01

Tgt Ion:112 Resp: 99735

Ion Ratio Lower Upper

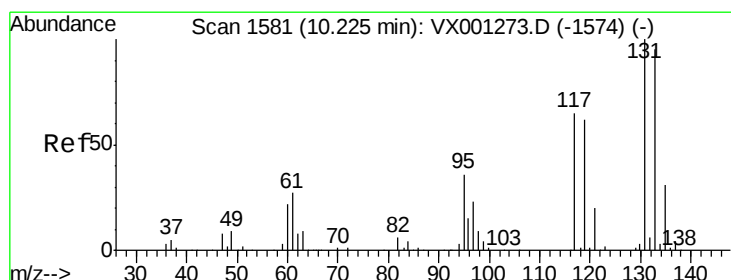
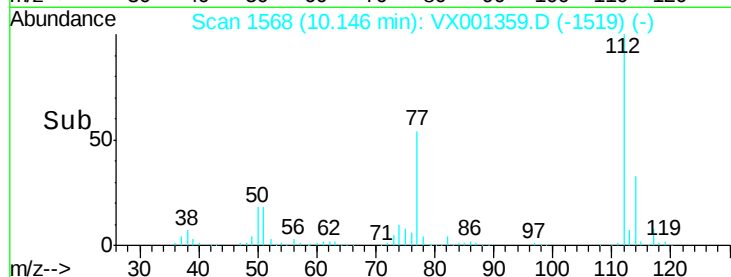
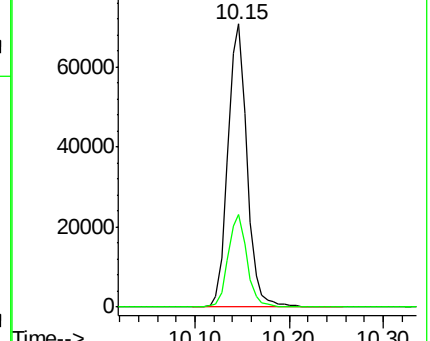
112 100

114 32.7 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.51 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

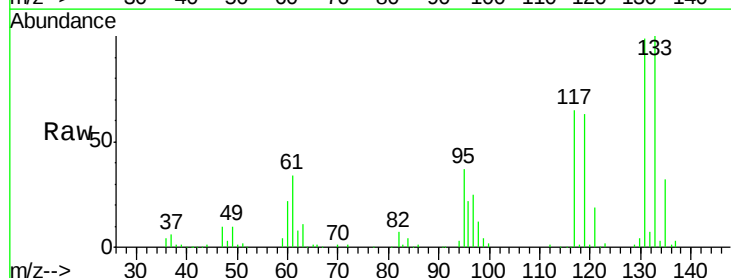
Tgt Ion:131 Resp: 36059

Ion Ratio Lower Upper

131 100

133 97.3 48.3 144.9

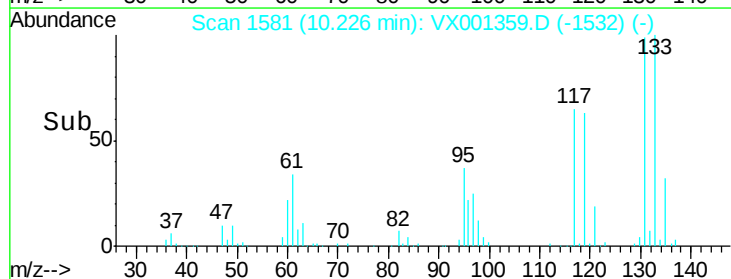
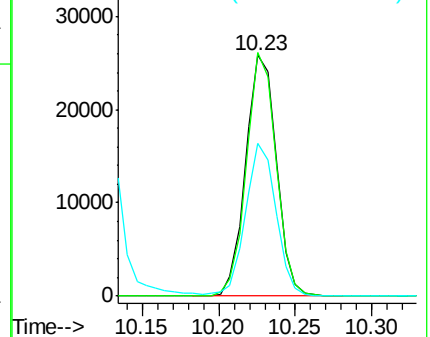
119 63.1 31.2 93.6

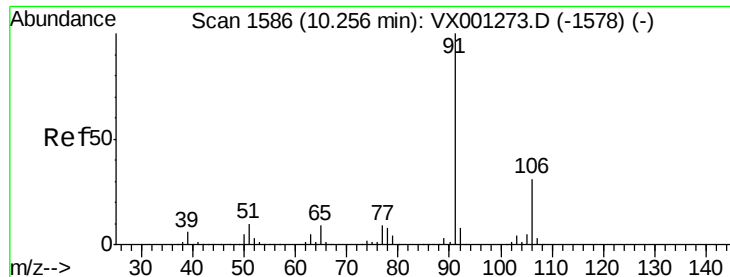


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.00 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

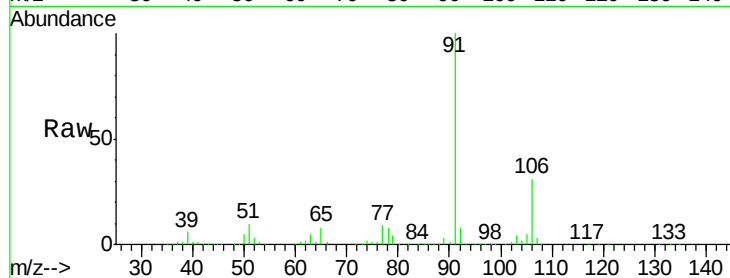
VX0503WBS01

Tgt Ion: 91 Resp: 158009

Ion Ratio Lower Upper

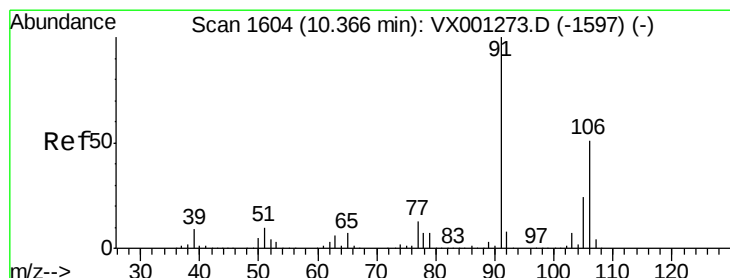
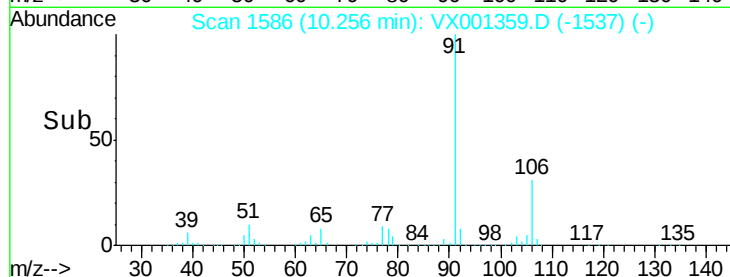
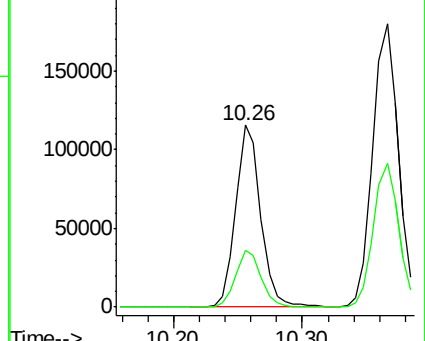
91 100

106 31.2 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.65 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001359.D

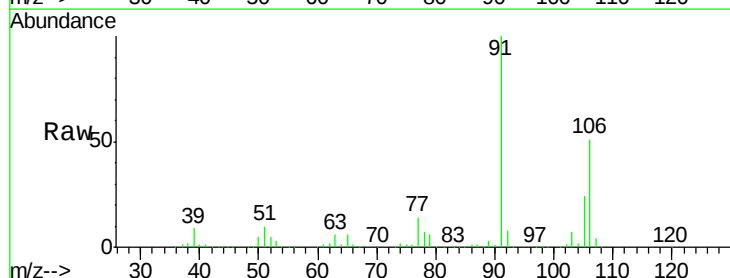
Acq: 03 May 2018 15:13

Tgt Ion: 106 Resp: 126564

Ion Ratio Lower Upper

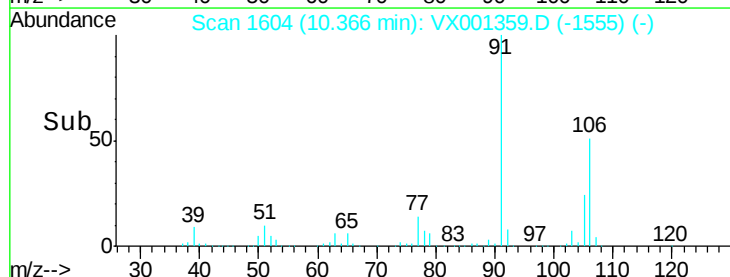
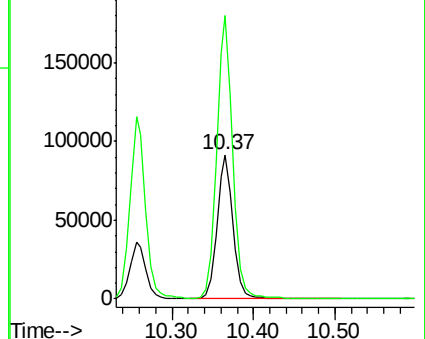
106 100

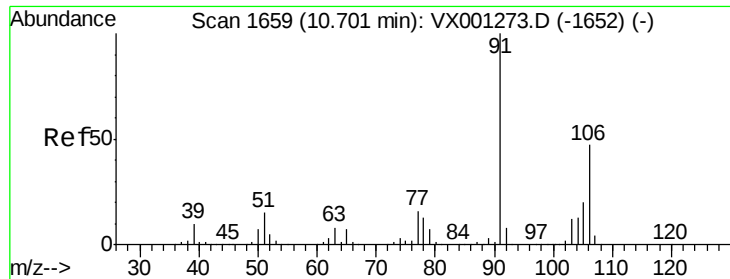
91 198.4 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

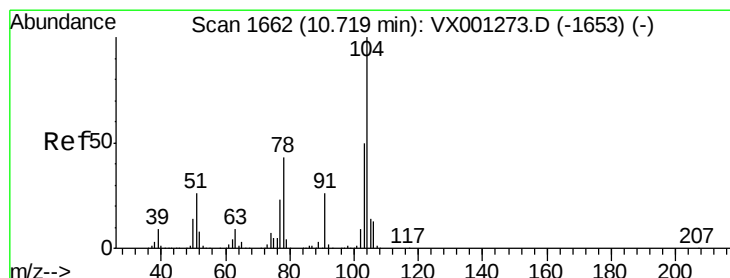
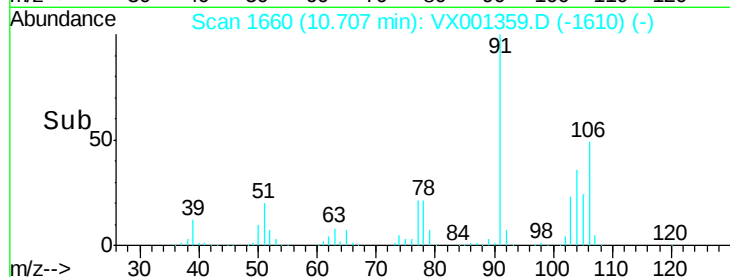
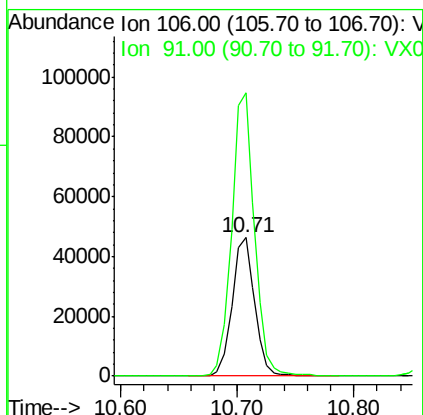
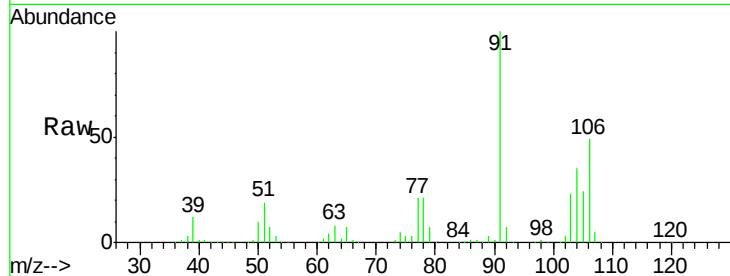




#69
o-Xylene
Concen: 18.64 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

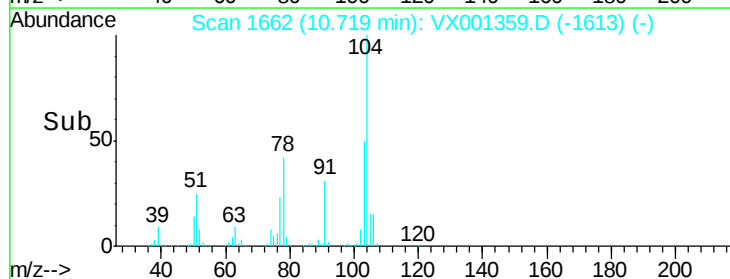
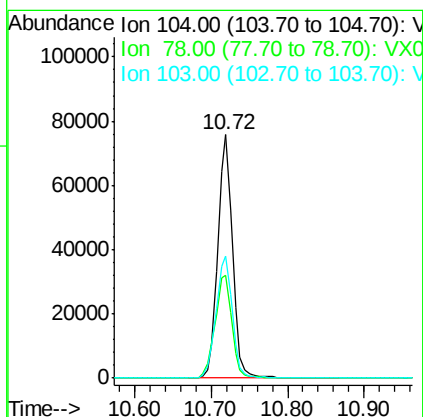
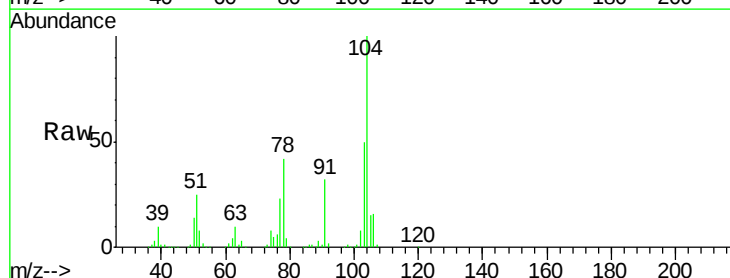
Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

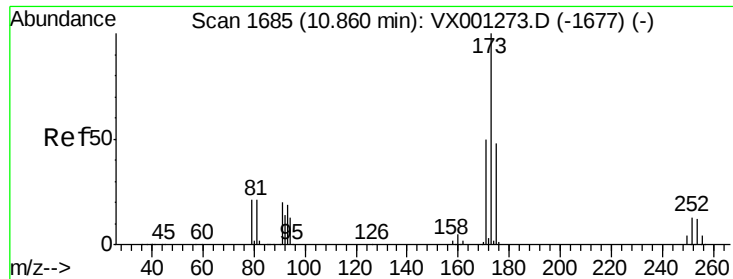
Tgt Ion:106 Resp: 62425
Ion Ratio Lower Upper
106 100
91 206.6 106.3 319.0



#70
Styrene
Concen: 18.48 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion:104 Resp: 101235
Ion Ratio Lower Upper
104 100
78 48.5 40.1 60.1
103 55.5 44.5 66.7





#71

Bromoform

Concen: 18.32 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

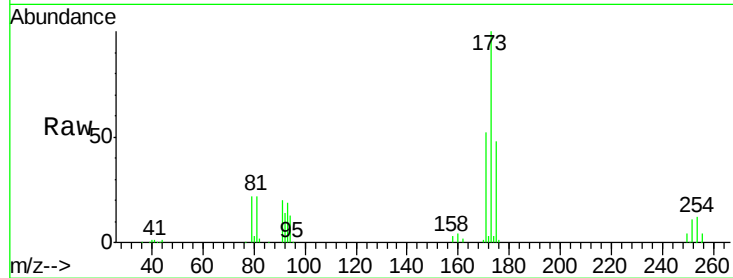
Tgt Ion:173 Resp: 27899

Ion Ratio Lower Upper

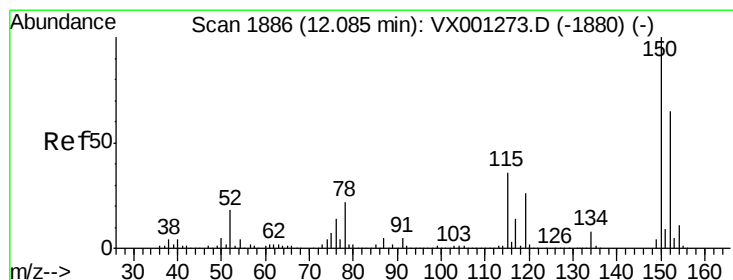
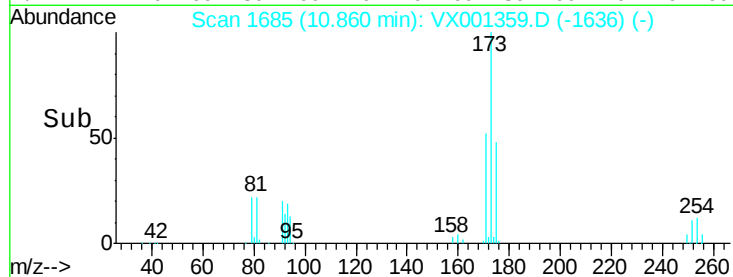
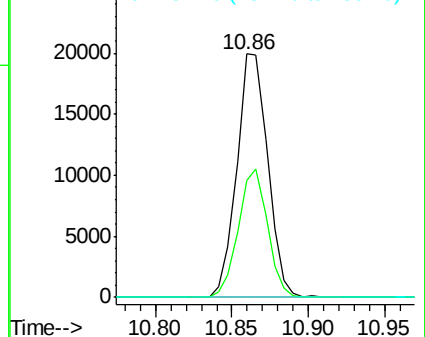
173 100

175 49.8 24.6 74.0

254 0.1 0.2 0.2#



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: VX001359.D

Acq: 03 May 2018 15:13

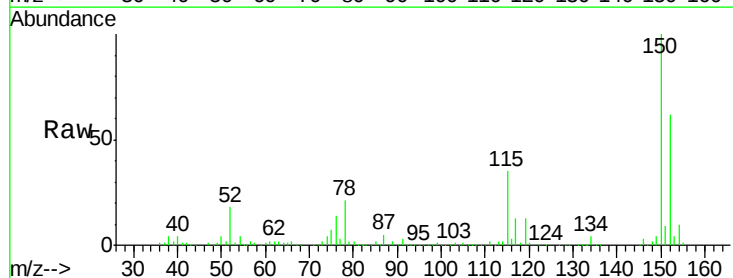
Tgt Ion:152 Resp: 127641

Ion Ratio Lower Upper

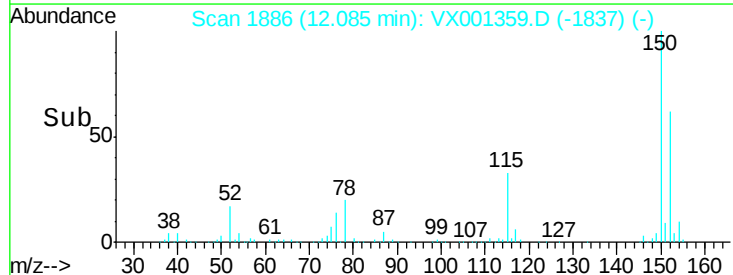
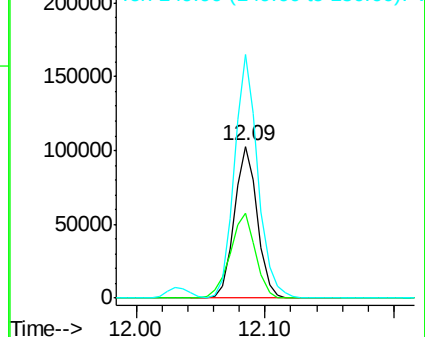
152 100

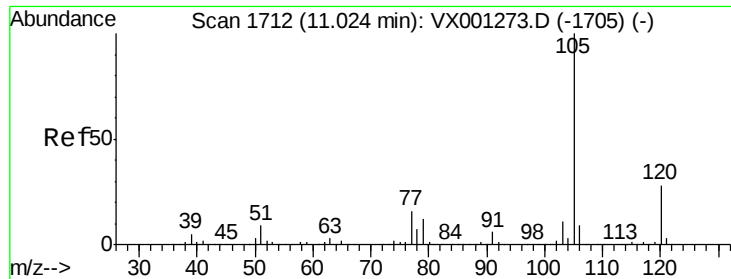
115 62.0 38.6 115.7

150 163.9 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.52 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

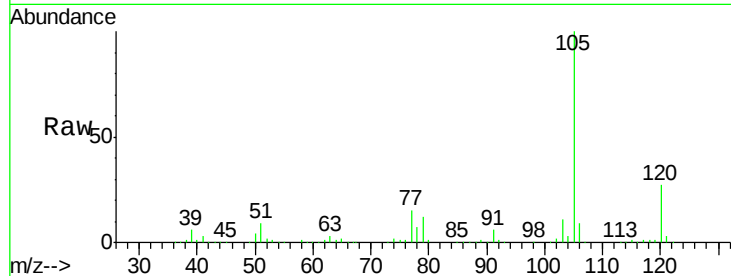
VX0503WBS01

Tgt Ion: 105 Resp: 166715

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

110000

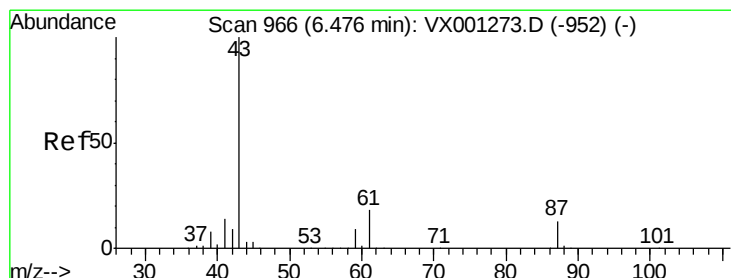
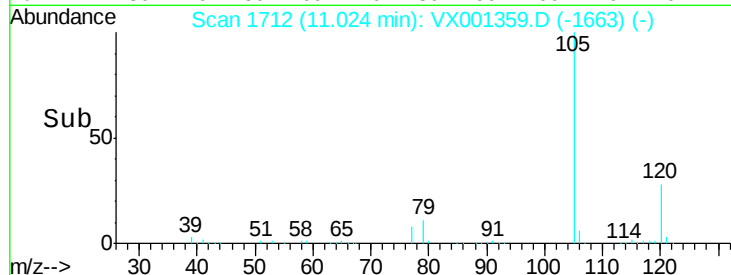
50000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 20.88 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion: 43 Resp: 76495

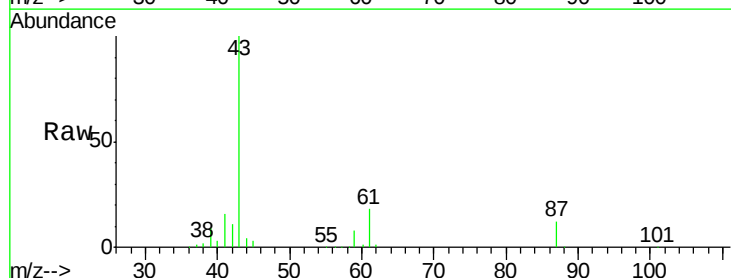
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.6 15.0 22.4



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

40000

30000

20000

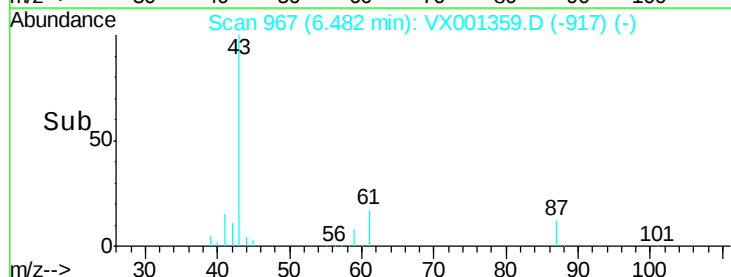
10000

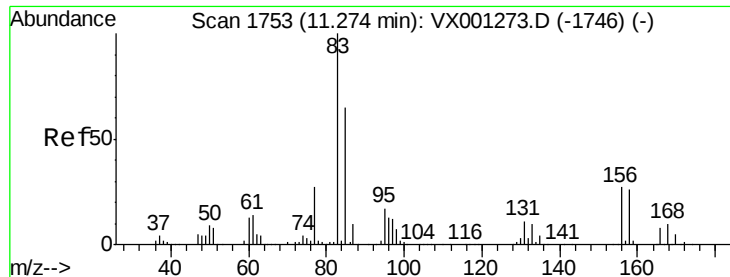
0

6.48

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.83 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

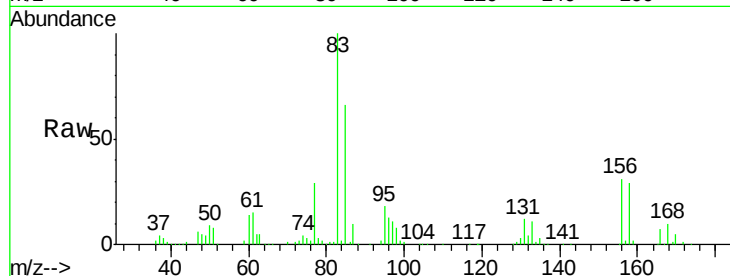
Tgt Ion: 83 Resp: 50734

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.3

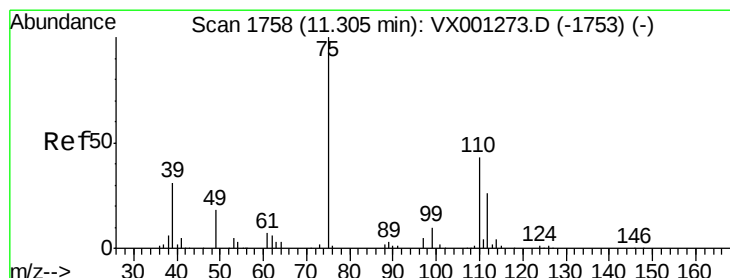
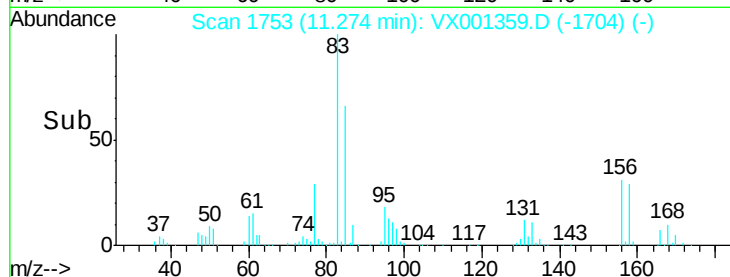
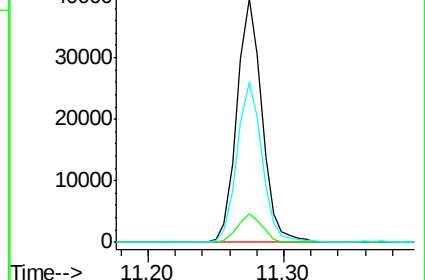
85 65.8 32.6 97.7



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: 24.49 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001359.D

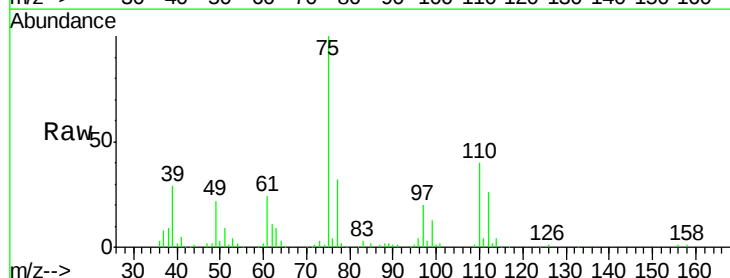
Acq: 03 May 2018 15:13

Tgt Ion: 75 Resp: 57802

Ion Ratio Lower Upper

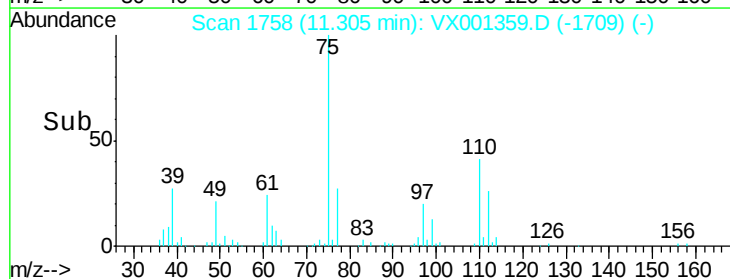
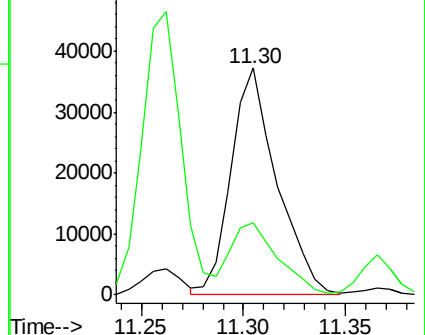
75 100

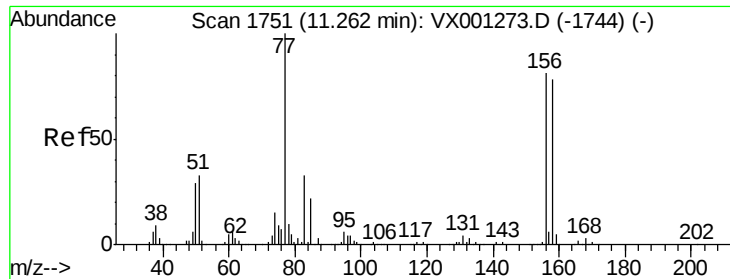
77 33.4 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.93 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

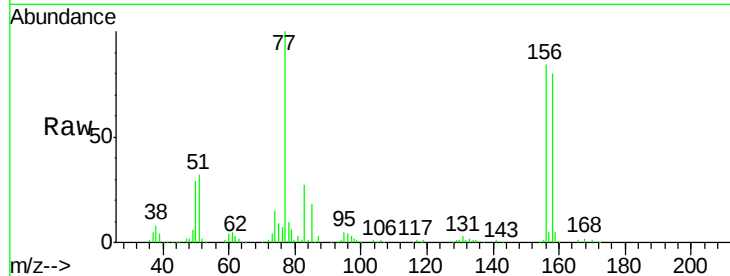
Tgt Ion:156 Resp: 49098

Ion Ratio Lower Upper

156 100

77 127.0 65.3 195.8

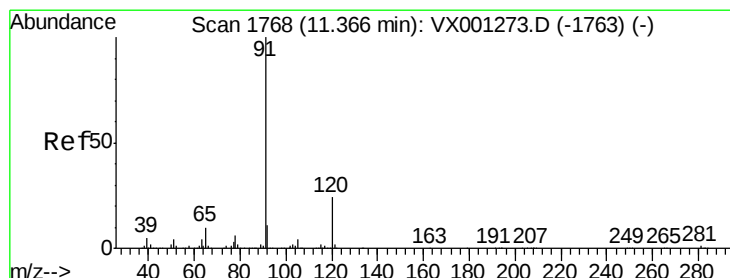
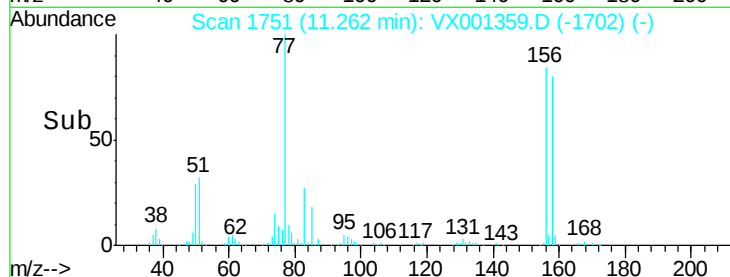
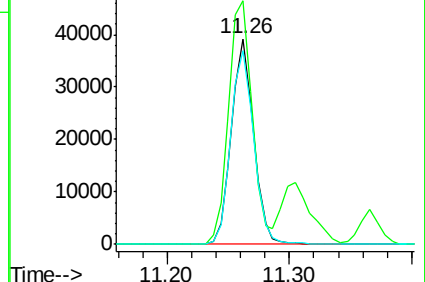
158 97.7 48.5 145.5



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: 19.13 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001359.D

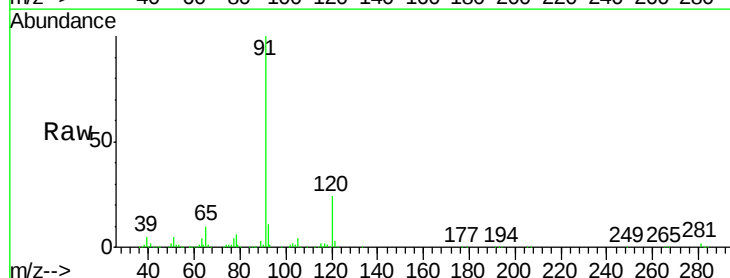
Acq: 03 May 2018 15:13

Tgt Ion: 91 Resp: 181549

Ion Ratio Lower Upper

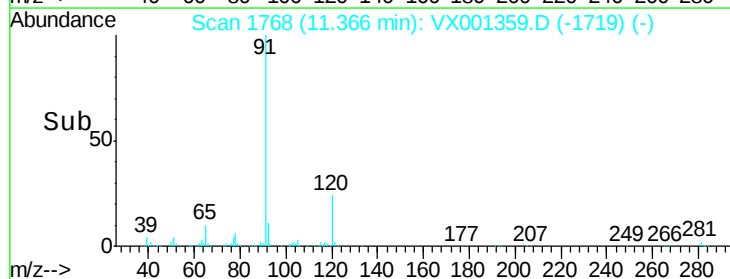
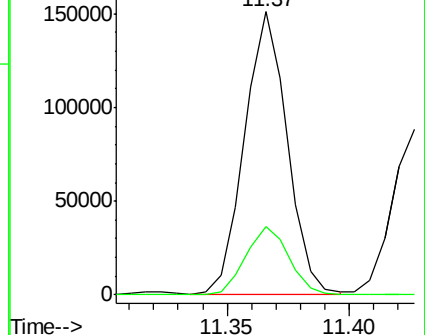
91 100

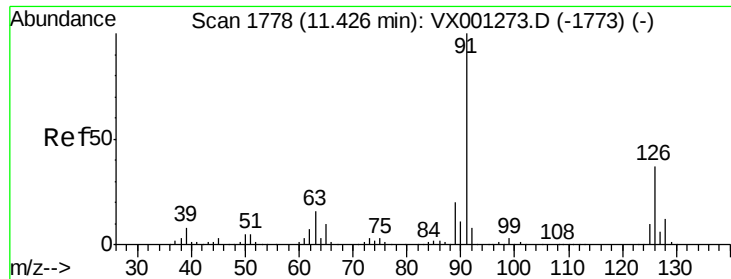
120 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.29 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

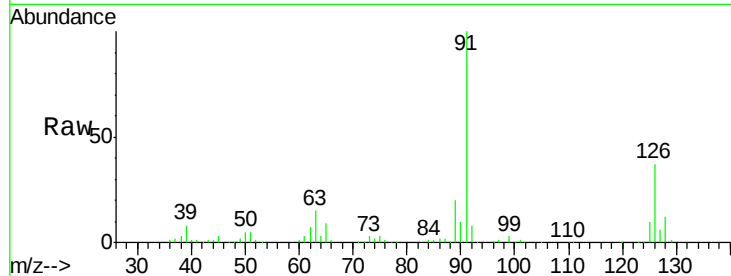
VX0503WBS01

Tgt Ion: 91 Resp: 110427

Ion Ratio Lower Upper

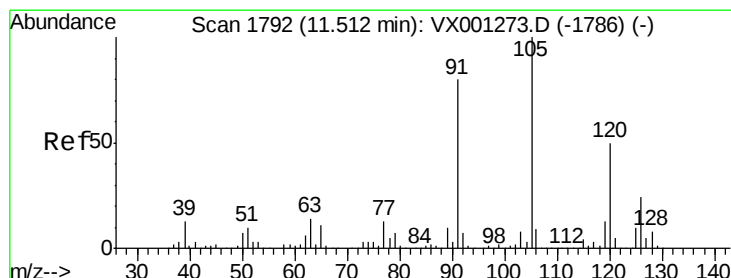
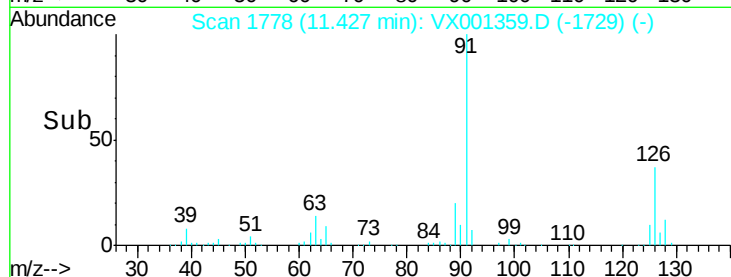
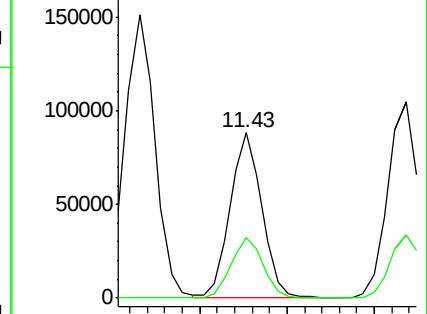
91 100

126 37.6 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001359.D

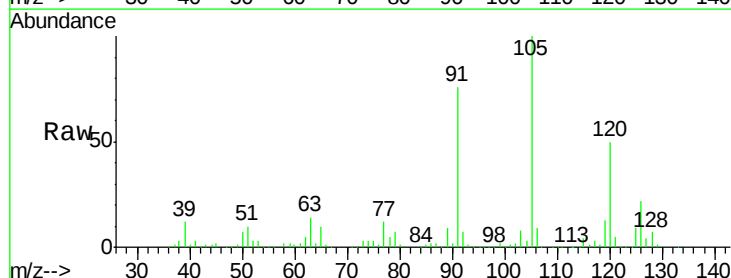
Acq: 03 May 2018 15:13

Tgt Ion: 105 Resp: 140098

Ion Ratio Lower Upper

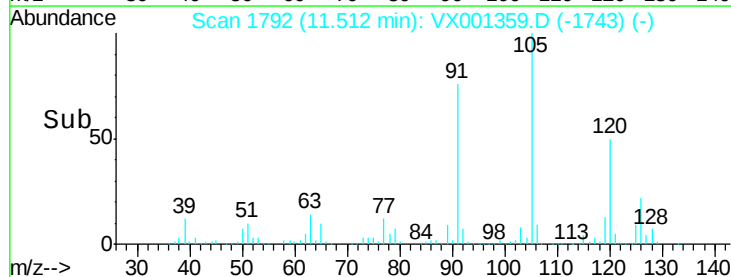
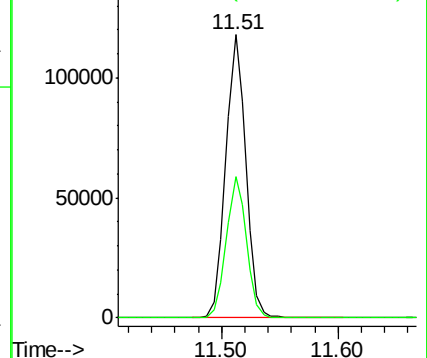
105 100

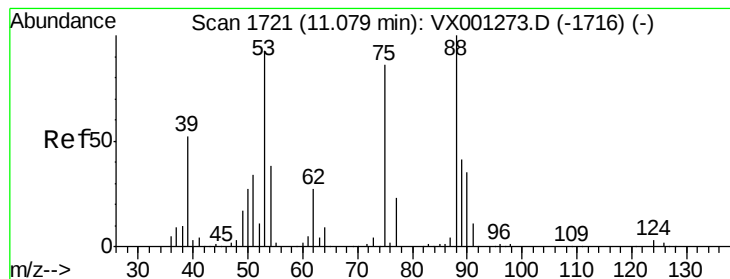
120 50.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.77 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

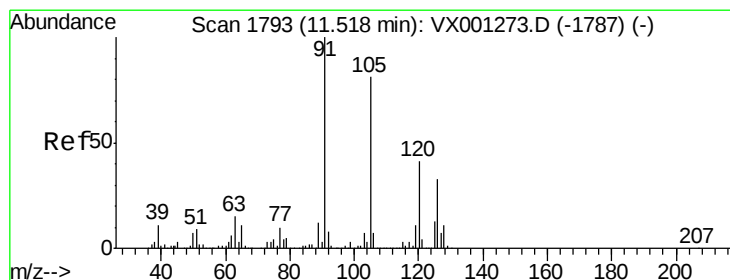
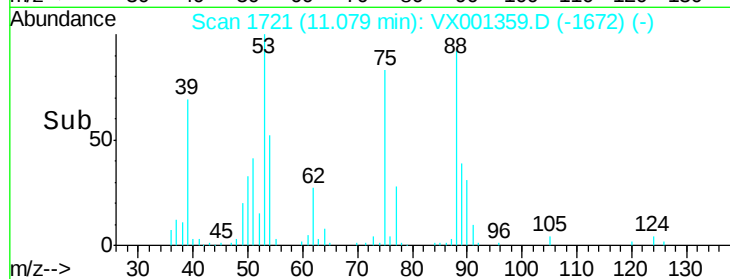
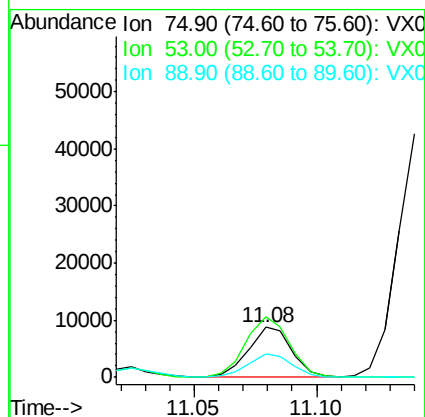
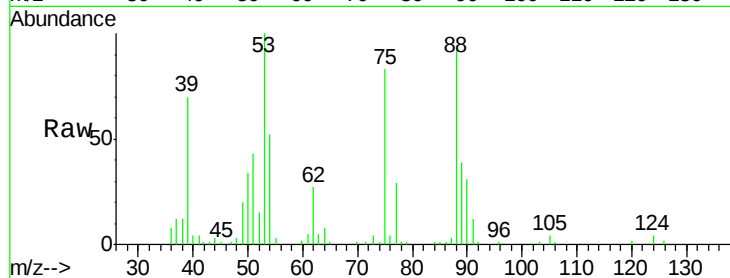
Tgt Ion: 75 Resp: 10696

Ion Ratio Lower Upper

75 100

53 123.9 87.1 130.7

89 48.0 38.9 58.3



#82

4-Chlorotoluene

Concen: 18.97 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001359.D

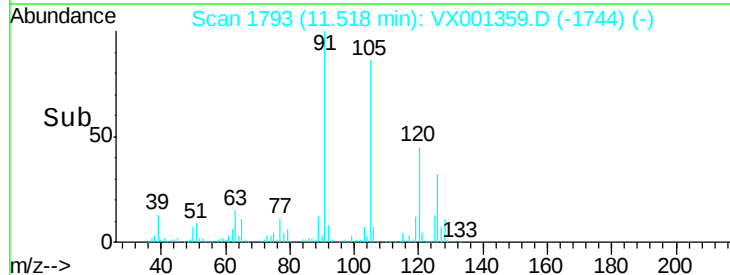
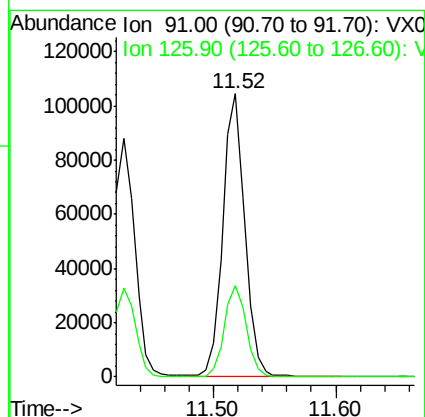
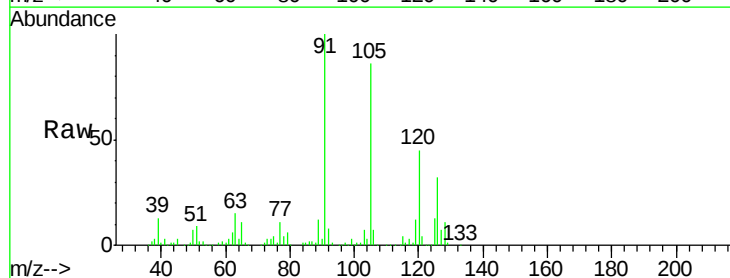
Acq: 03 May 2018 15:13

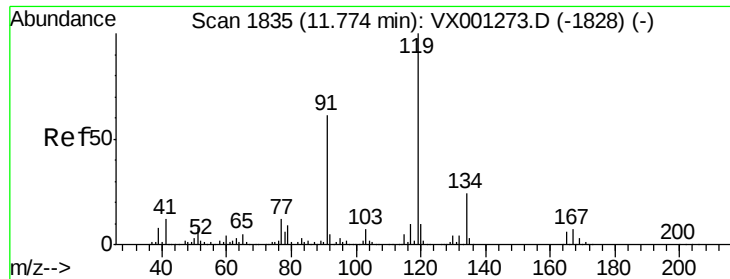
Tgt Ion: 91 Resp: 130625

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.2

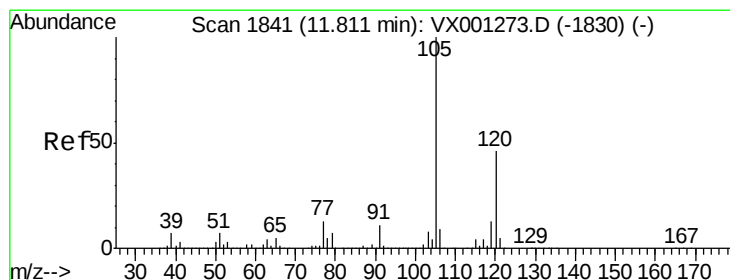
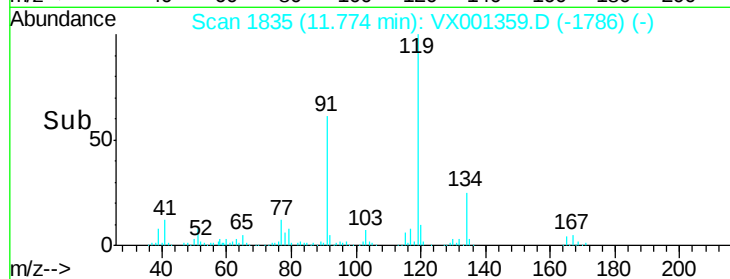
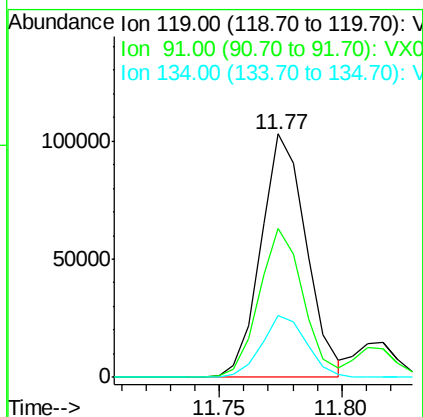
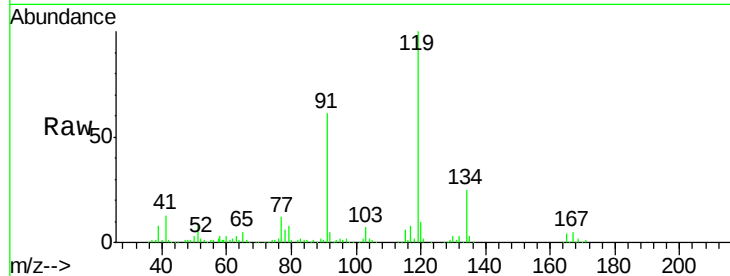




#83
 tert-Butylbenzene
 Concen: 18.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

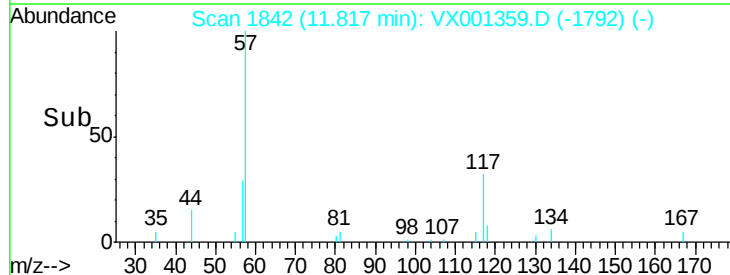
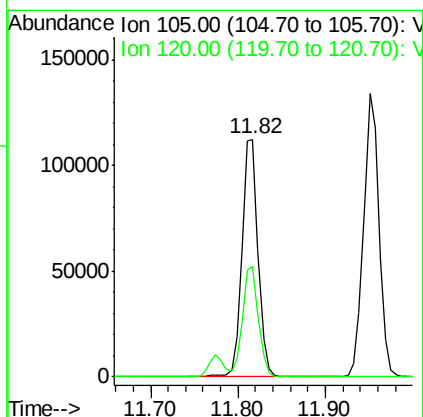
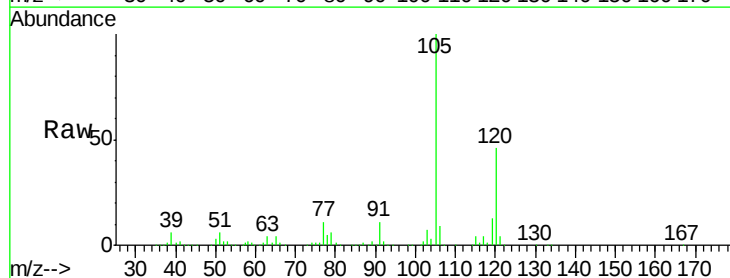
Instrument :
 MSVOA_X
 ClientSampled :
 VX0503WBS01

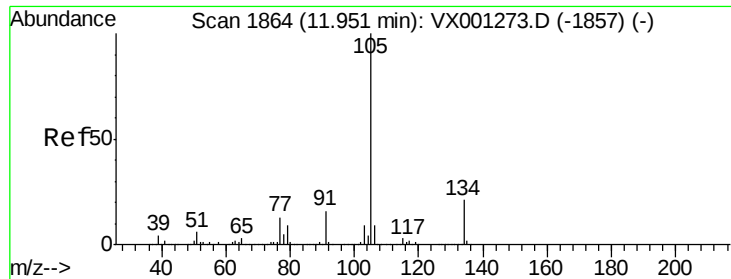
Tgt Ion:119 Resp: 132274
 Ion Ratio Lower Upper
 119 100
 91 59.7 28.1 84.3
 134 25.2 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.70 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion:105 Resp: 144749
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1

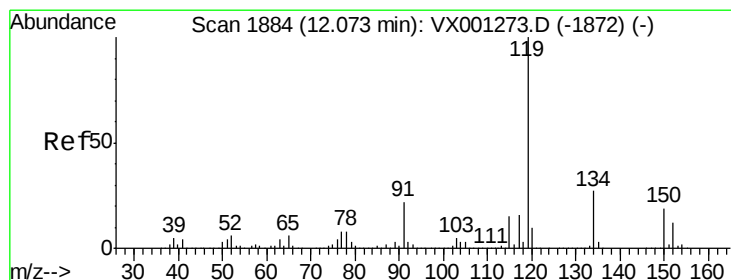
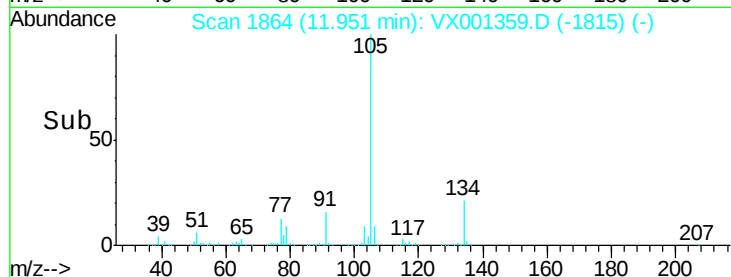
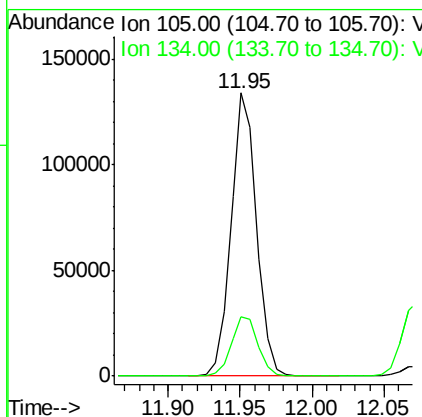
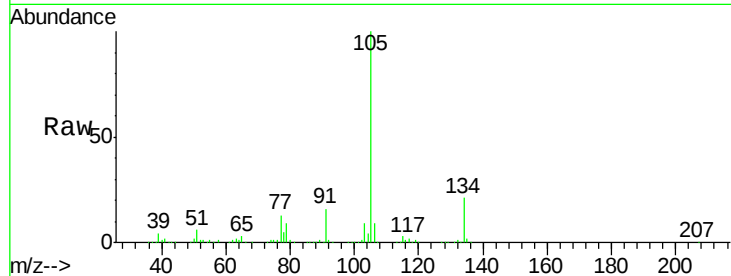




#85
 sec-Butylbenzene
 Concen: 19.35 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

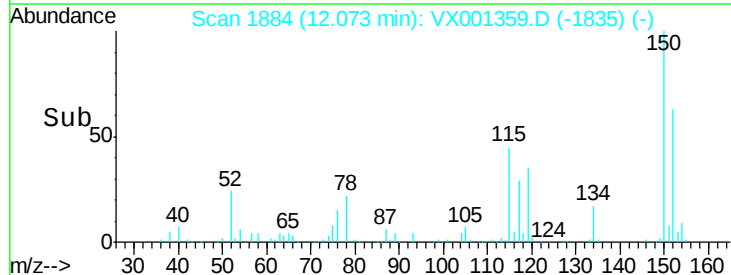
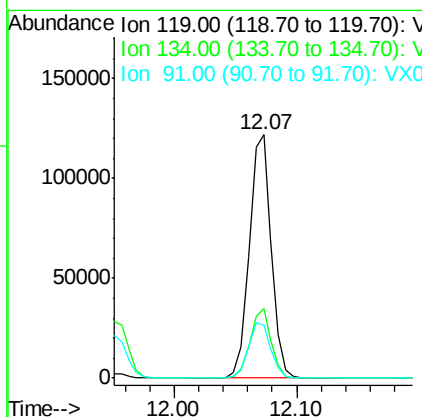
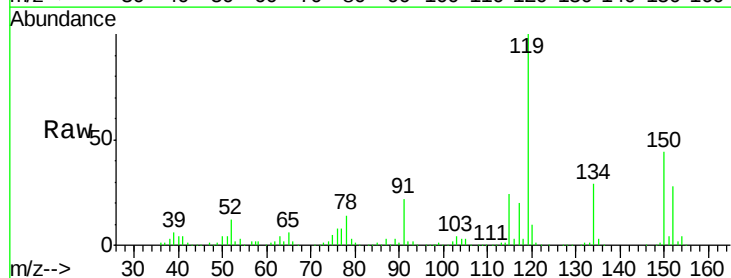
Instrument :
 MSVOA_X
 ClientSampled :
 VX0503WBS01

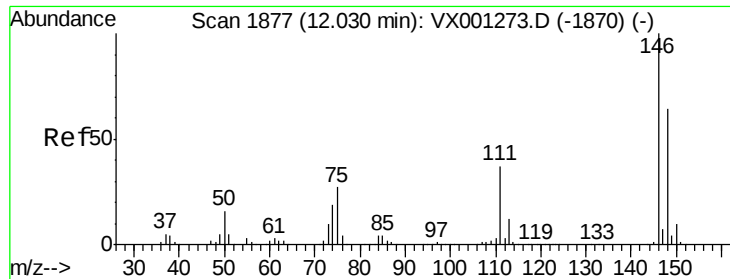
Tgt Ion:105 Resp: 165573
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 19.35 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion:119 Resp: 151874
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 23.4 11.7 35.1

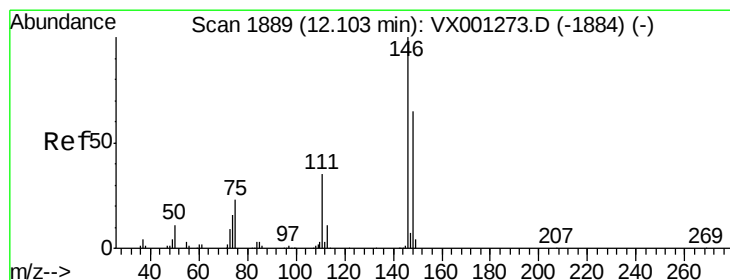
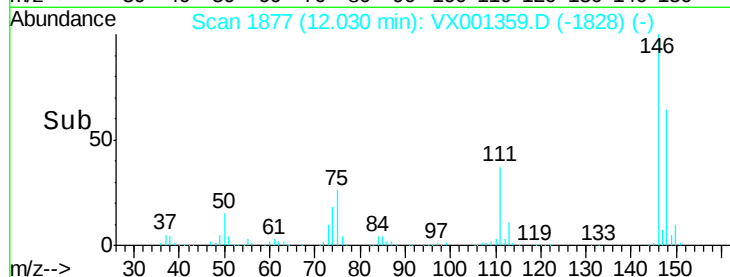
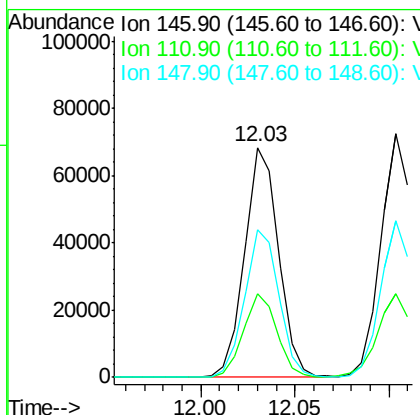
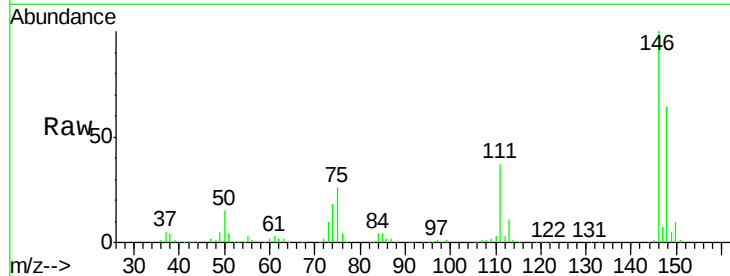




#87
 1,3-Dichlorobenzene
 Concen: 18.67 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

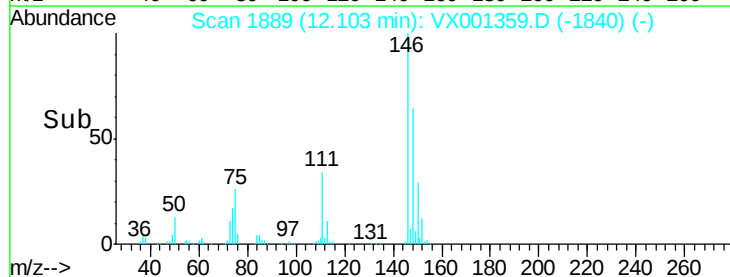
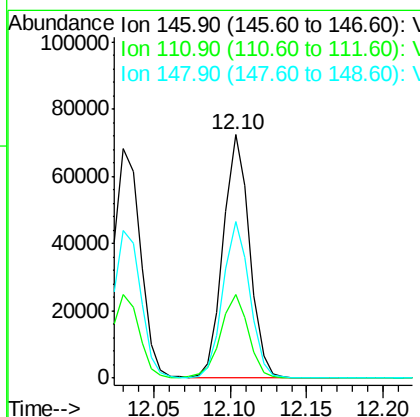
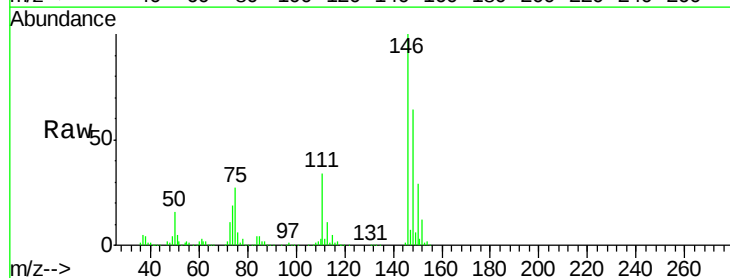
Instrument :
 MSVOA_X
 ClientSampled :
 VX0503WBS01

Tgt Ion:146 Resp: 85870
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.4 55.2
 148 64.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 18.29 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion:146 Resp: 86726
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.9 53.7
 148 65.4 32.3 96.8





#89

n-Butylbenzene

Concen: 17.94 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

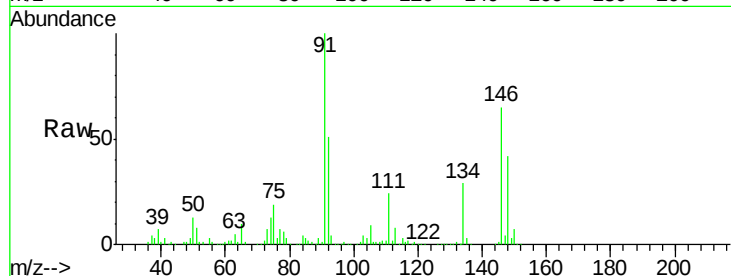
Tgt Ion: 91 Resp: 122903

Ion Ratio Lower Upper

91 100

92 50.6 26.2 78.5

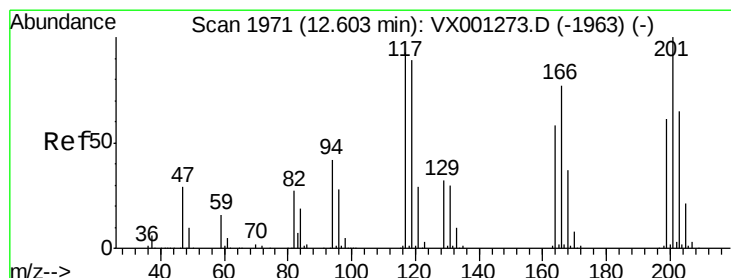
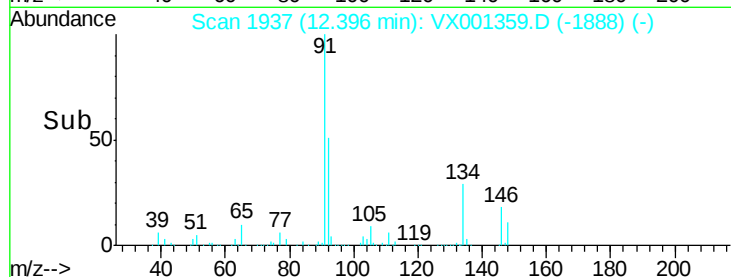
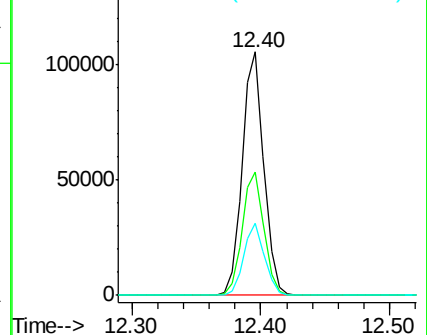
134 28.2 14.0 42.0



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: 17.84 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001359.D

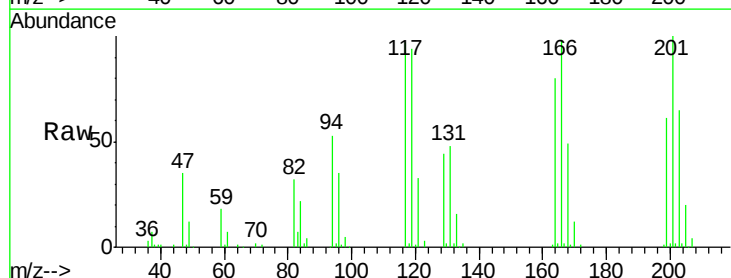
Acq: 03 May 2018 15:13

Tgt Ion: 117 Resp: 20275

Ion Ratio Lower Upper

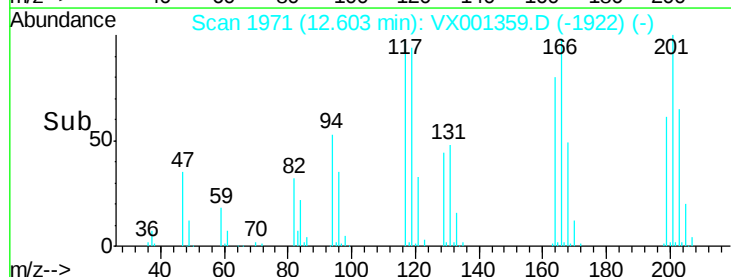
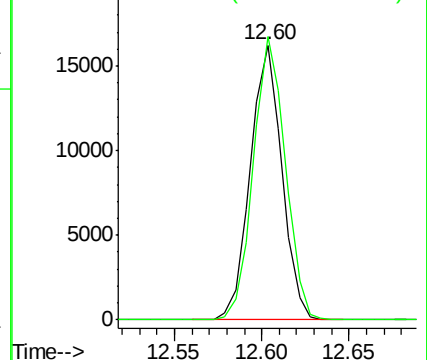
117 100

201 104.5 51.6 154.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

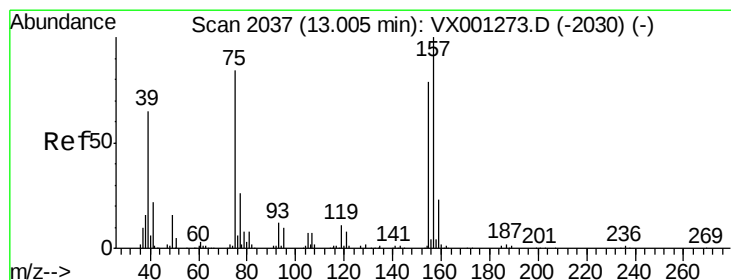
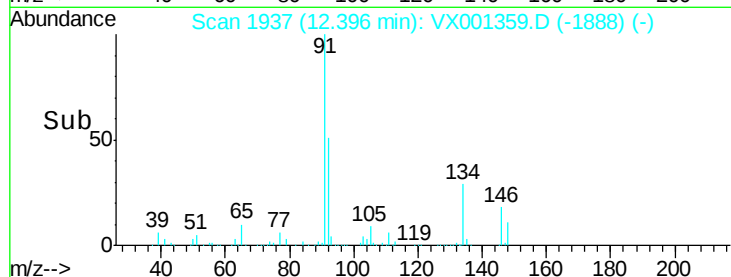
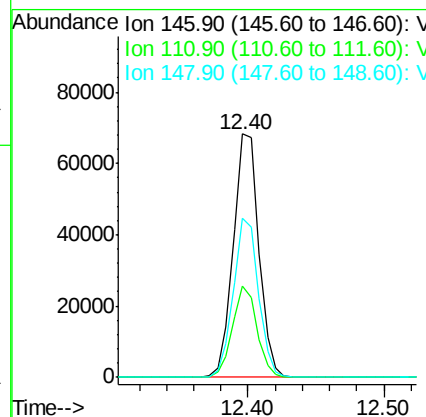
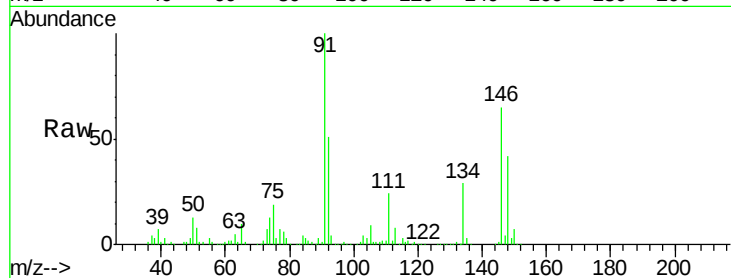




#91
 1,2-Dichlorobenzene
 Concen: 19.48 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

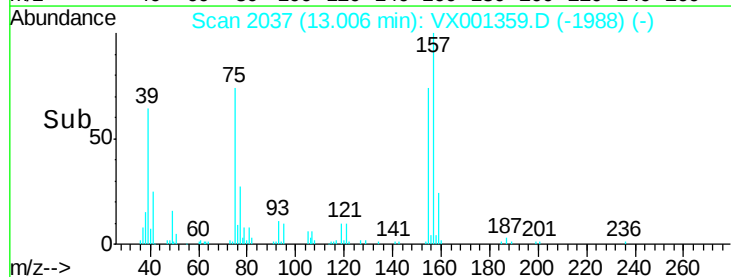
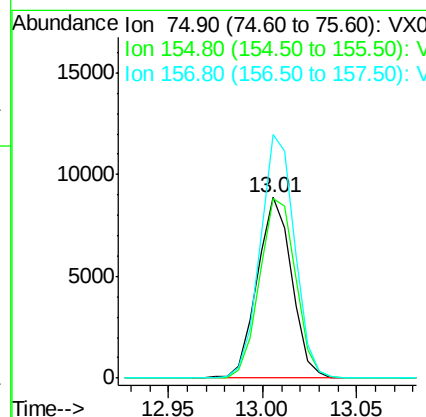
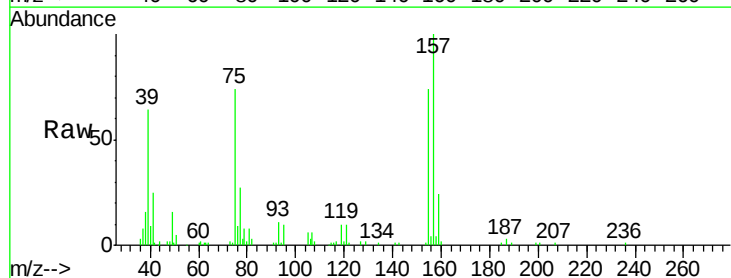
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

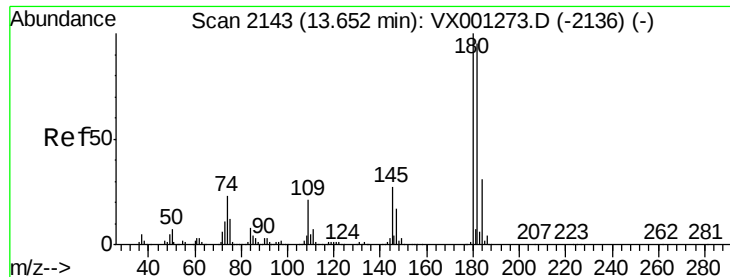
Tgt Ion:146 Resp: 89134
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.9 56.5
 148 64.4 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.73 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion: 75 Resp: 11234
 Ion Ratio Lower Upper
 75 100
 155 103.8 49.9 149.7
 157 134.6 63.7 191.1

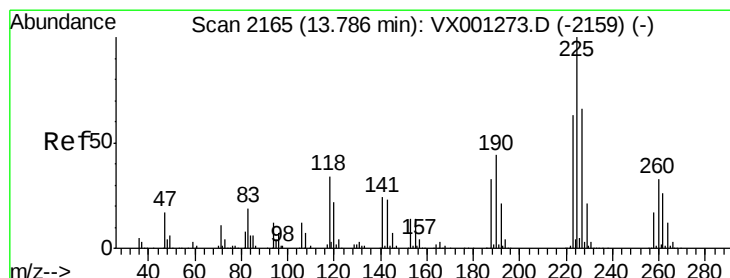
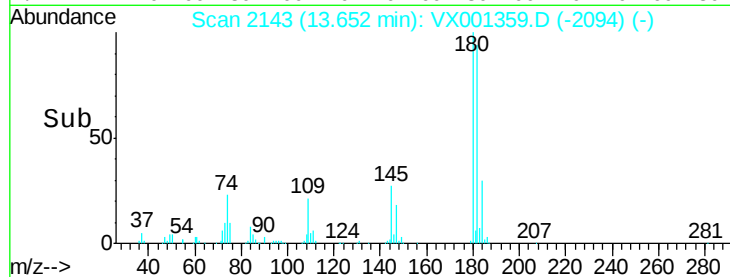
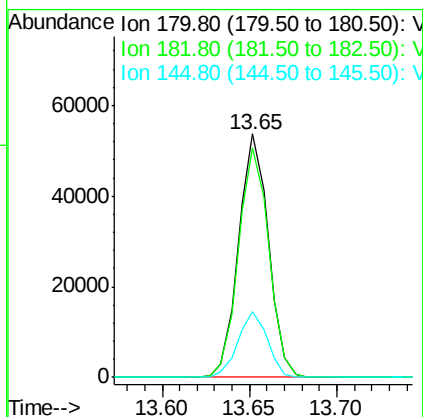
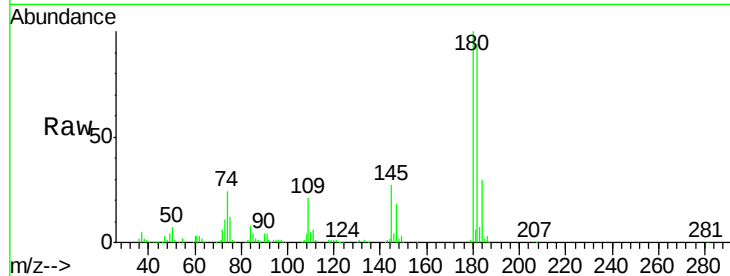




#93
 1,2,4-Trichlorobenzene
 Concen: 17.28 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

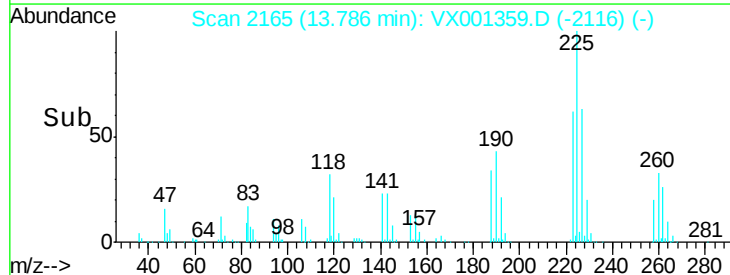
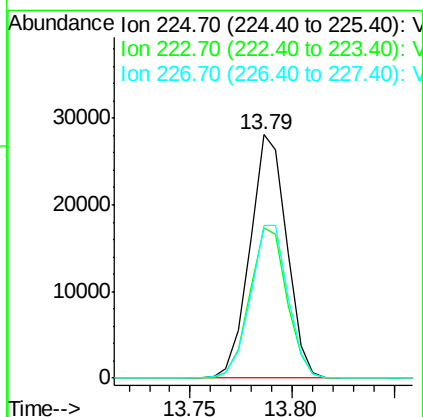
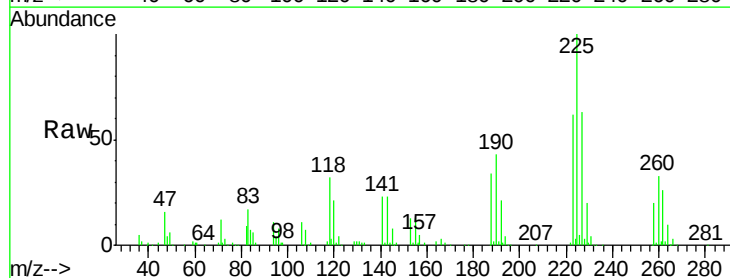
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

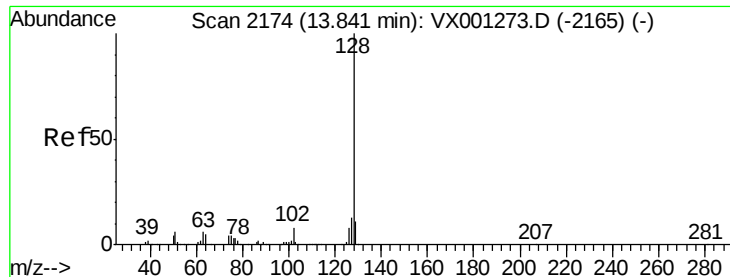
Tgt Ion:180 Resp: 63611
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 141.9
 145 26.7 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 18.21 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion:225 Resp: 35087
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.0
 227 64.2 32.5 97.5

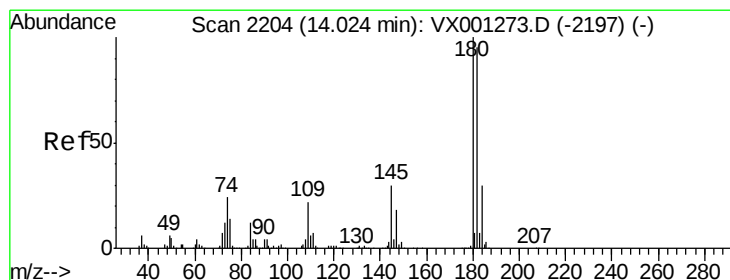
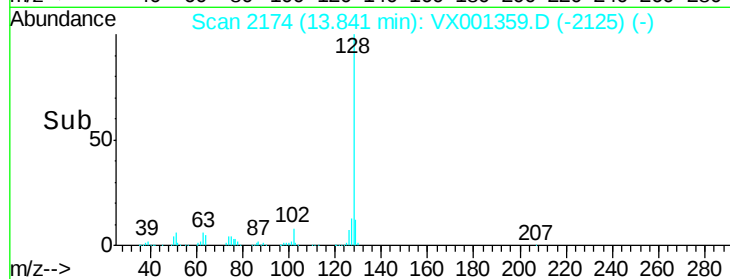
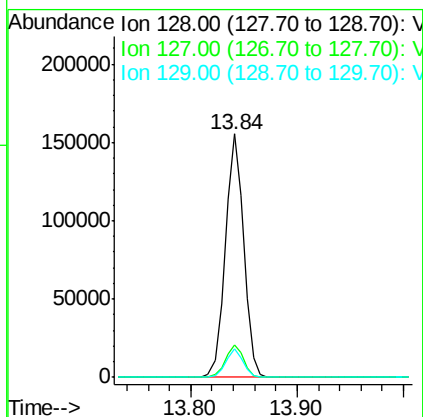
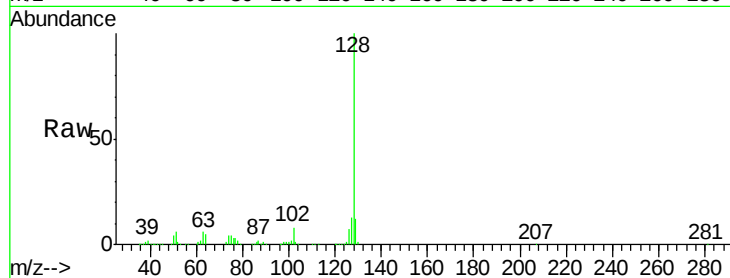




#95
Naphthalene
Concen: 20.02 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tgt Ion:128 Resp: 187044
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.06 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion:180 Resp: 68897
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.3
145 27.7 14.4 43.4

