

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003122.D
 Acq On : 02 Jul 2018 12:56
 Operator : JC/MD
 Sample : VX0702WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Quant Time: Jul 03 06:55:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	388102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176782	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
35) Dibromofluoromethane	5.50	113	147493	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.72	98	530269	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.14	95	201511	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58357	22.25	ug/l	99
3) Chloromethane	1.32	50	59862	21.47	ug/l	99
4) Vinyl Chloride	1.40	62	67270	20.40	ug/l	92
5) Bromomethane	1.64	94	26520	15.35	ug/l	99
6) Chloroethane	1.72	64	43214	21.12	ug/l	98
7) Trichlorofluoromethane	1.93	101	107304	19.29	ug/l	100
8) Diethyl Ether	2.19	74	39480	19.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64777	20.10	ug/l	98
10) Methyl Iodide	2.51	142	47435	18.93	ug/l	97
11) Tert butyl alcohol	3.07	59	75422	93.96	ug/l	100
12) 1,1-Dichloroethene	2.37	96	57572	20.02	ug/l	92
13) Acrolein	2.29	56	27247	64.42	ug/l	99
14) Allyl chloride	2.73	41	110821	19.55	ug/l	97
15) Acrylonitrile	3.15	53	164810	96.12	ug/l	99
16) Acetone	2.45	43	173463	103.95	ug/l	96
17) Carbon Disulfide	2.57	76	160558	20.96	ug/l	98
18) Methyl Acetate	2.78	43	77580	16.63	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	197872	19.14	ug/l	98
20) Methylene Chloride	2.86	84	66645	20.52	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	61969	19.79	ug/l	95
22) Diisopropyl ether	3.87	45	210345	19.42	ug/l	97
23) Vinyl Acetate	3.82	43	926545	101.00	ug/l	99
24) 1,1-Dichloroethane	3.70	63	114553	19.45	ug/l	99
25) 2-Butanone	4.71	43	248485	100.33	ug/l	99
26) 2,2-Dichloropropane	4.58	77	94062	19.65	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	69795	19.88	ug/l	98
28) Bromochloromethane	5.02	49	50503	17.92	ug/l	91
29) Tetrahydrofuran	5.17	42	153777	96.83	ug/l	97
30) Chloroform	5.22	83	119577	19.79	ug/l	100
31) Cyclohexane	5.57	56	103435	20.47	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	105234	19.79	ug/l	99
36) 1,1-Dichloropropene	5.80	75	87543	20.57	ug/l	99
37) Ethyl Acetate	4.87	43	94040	20.52	ug/l	97
38) Carbon Tetrachloride	5.78	117	95311	20.41	ug/l	98

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 Sample : VX0702WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Quant Time: Jul 03 06:55:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104685	21.12	ug/l	96
40) Benzene	6.14	78	257987	20.86	ug/l	99
41) Methacrylonitrile	5.06	41	52604	19.93	ug/l	95
42) 1,2-Dichloroethane	6.20	62	98351	19.69	ug/l	98
43) Isopropyl Acetate	6.47	43	149315	19.43	ug/l	98
44) Trichloroethene	7.21	130	76403	20.72	ug/l	99
45) 1,2-Dichloropropane	7.52	63	66770	20.35	ug/l	100
46) Dibromomethane	7.67	93	45478	19.98	ug/l	95
47) Bromodichloromethane	7.90	83	85215	20.25	ug/l	97
48) Methyl methacrylate	7.78	41	75632	19.10	ug/l	93
49) 1,4-Dioxane	7.76	88	30871	400.69	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	475649	98.92	ug/l	98
52) Toluene	8.79	92	165522	20.89	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	98812	20.73	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	92145	20.09	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	67344	20.69	ug/l	96
56) Ethyl methacrylate	9.18	69	96118	20.20	ug/l	94
57) 1,3-Dichloropropane	9.38	76	108490	20.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	221491	96.50	ug/l	97
59) 2-Hexanone	9.50	43	365076	99.90	ug/l	97
60) Dibromochloromethane	9.59	129	69863	20.39	ug/l	99
61) 1,2-Dibromoethane	9.68	107	70677	20.70	ug/l	99
64) Tetrachloroethene	9.34	164	86894	21.53	ug/l	97
65) Chlorobenzene	10.14	112	192251	20.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	69399	20.72	ug/l	99
67) Ethyl Benzene	10.26	91	321641	21.12	ug/l	100
68) m/p-Xylenes	10.36	106	251176	42.79	ug/l	98
69) o-Xylene	10.70	106	120733	21.12	ug/l	98
70) Styrene	10.71	104	198283	21.35	ug/l	98
71) Bromoform	10.86	173	53696	20.26	ug/l #	100
73) Isopropylbenzene	11.02	105	328604	21.43	ug/l	99
74) N-amyl acetate	6.47	43	149315	19.90	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	97869	20.72	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	107864	26.12	ug/l	80
77) Bromobenzene	11.26	156	91716	21.00	ug/l	96
78) n-propylbenzene	11.37	91	372698	21.35	ug/l	98
79) 2-Chlorotoluene	11.43	91	221776	20.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	276934	21.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23887	19.02	ug/l	96
82) 4-Chlorotoluene	11.51	91	262748	21.00	ug/l	99
83) tert-Butylbenzene	11.77	119	267772	21.04	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	285943	21.37	ug/l	99
85) sec-Butylbenzene	11.95	105	323559	20.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	296566	21.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	167449	20.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	170691	20.79	ug/l	99
89) n-Butylbenzene	12.39	91	245256	20.30	ug/l	99
90) Hexachloroethane	12.60	117	39787	19.27	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	167693	20.83	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20062	18.89	ug/l	96

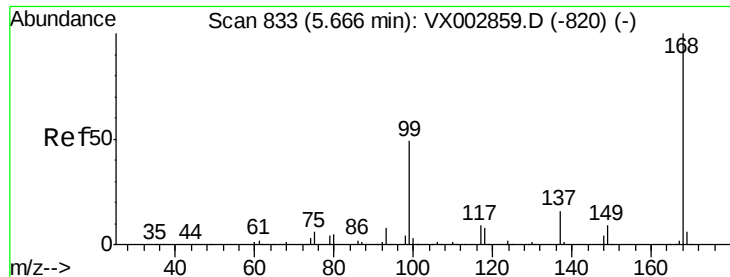
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070218\
Data File : VX003122.D
Acq On : 02 Jul 2018 12:56
Operator : JC/MD
Sample : VX0702WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

Quant Time: Jul 03 06:55:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121080	20.67	ug/l	98
94) Hexachlorobutadiene	13.79	225	60781	20.80	ug/l	98
95) Naphthalene	13.84	128	327251	20.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	122160	20.87	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

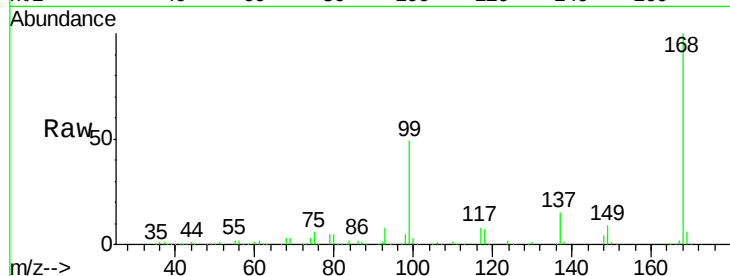
VX0702WBS01

Tot Ion:168 Resp: 291532

Ion Ratio Lower Upper

168 100

99 48.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

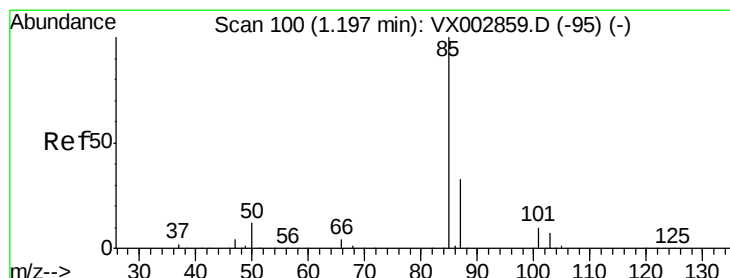
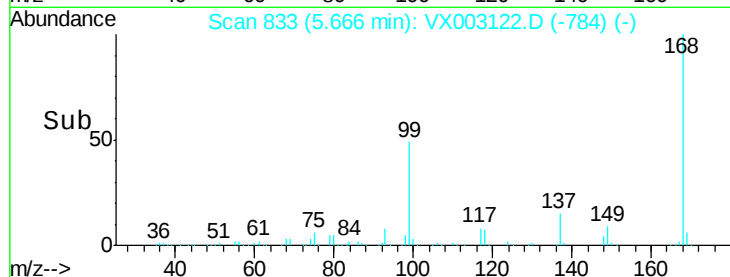
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003122.D

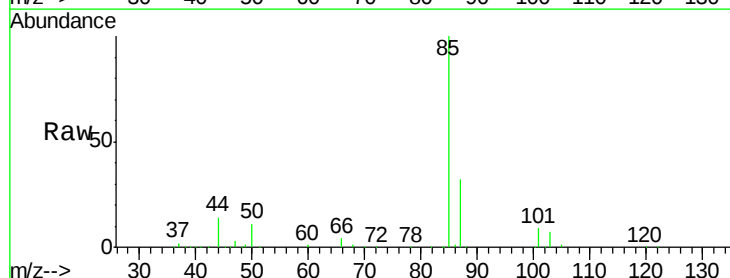
Acq: 02 Jul 2018 12:56

Tgt Ion: 85 Resp: 58357

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

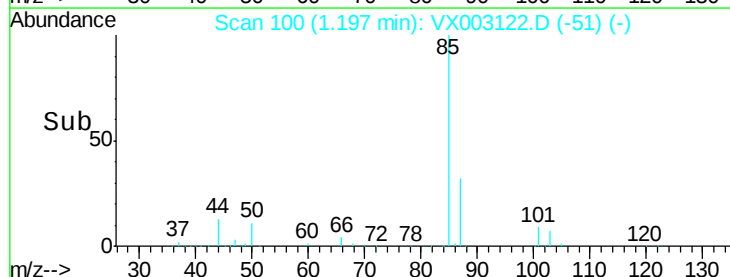
60000

40000

20000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 21.47 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

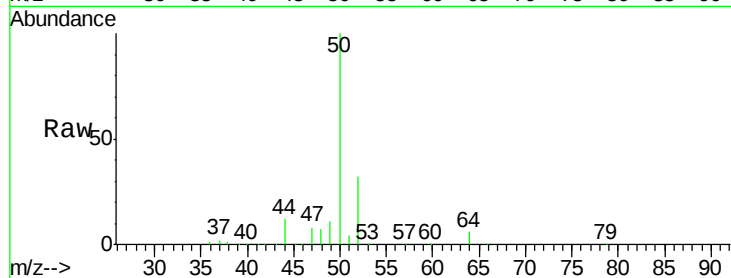
VX0702WBS01

Tot Ion: 50 Resp: 59862

Ion Ratio Lower Upper

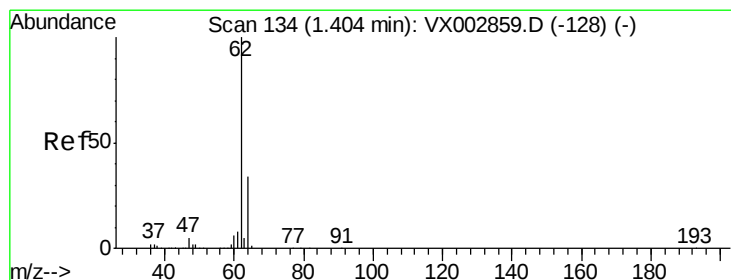
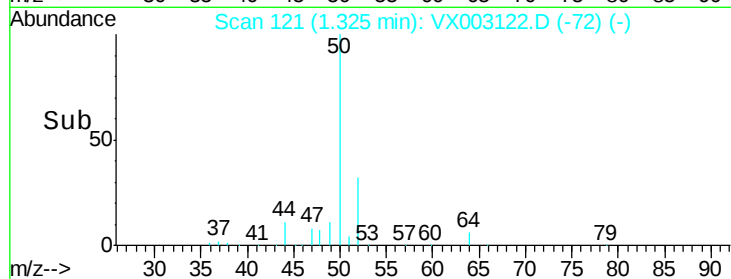
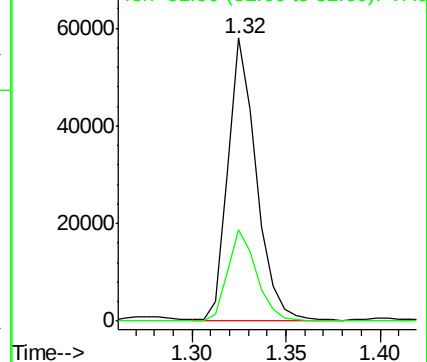
50 100

52 32.4 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: 20.40 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003122.D

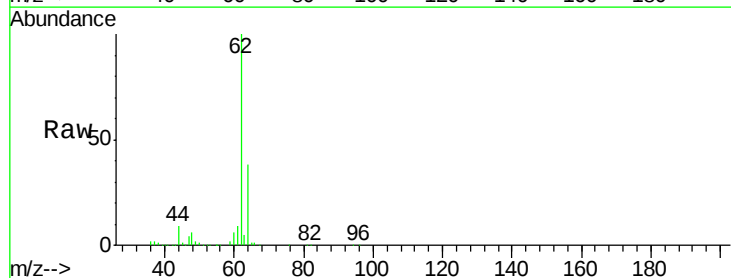
Acq: 02 Jul 2018 12:56

Tgt Ion: 62 Resp: 67270

Ion Ratio Lower Upper

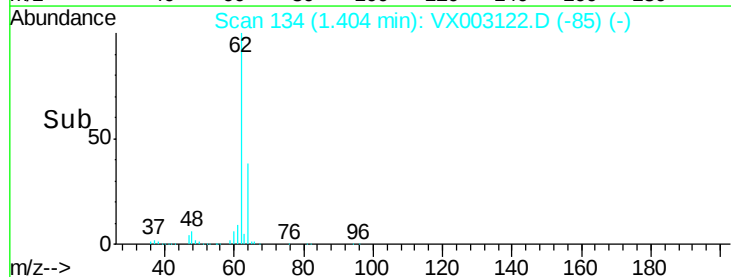
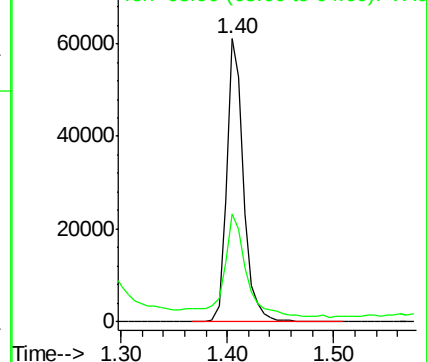
62 100

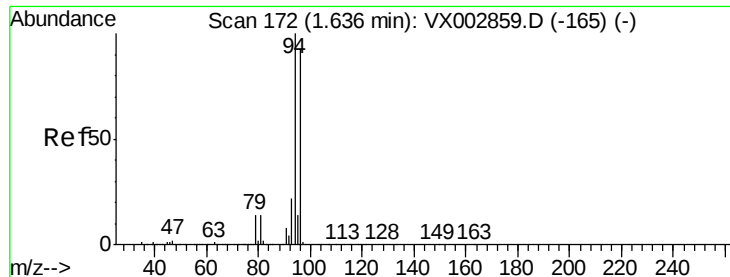
64 36.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.35 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampled :

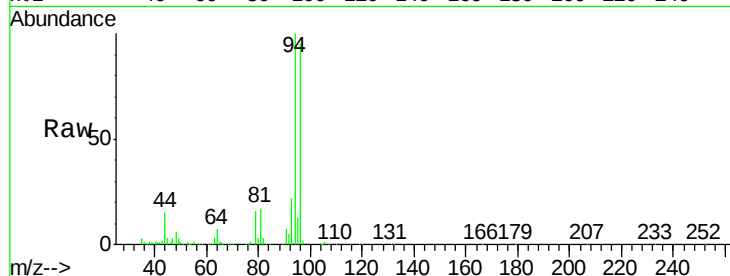
VX0702WBS01

Tot Ion: 94 Resp: 26520

Ion Ratio Lower Upper

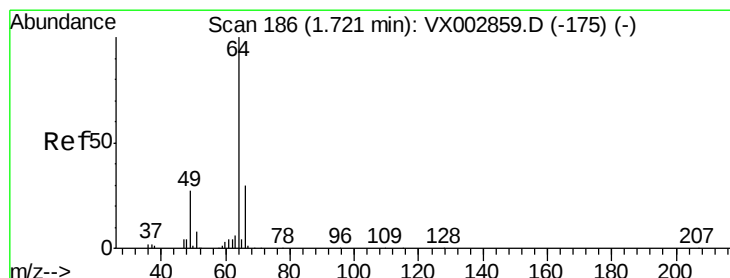
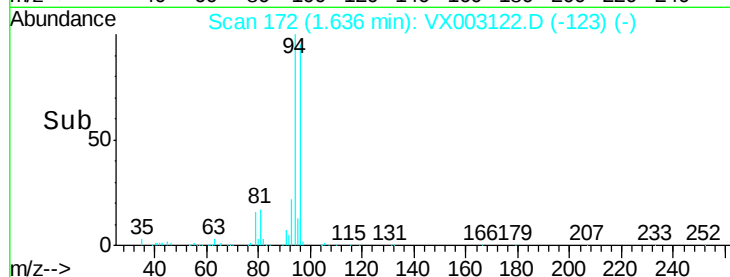
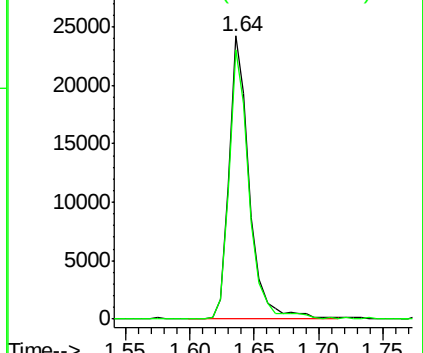
94 100

96 94.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.12 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003122.D

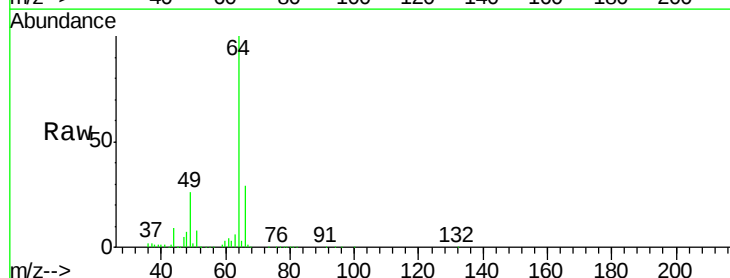
Acq: 02 Jul 2018 12:56

Tgt Ion: 64 Resp: 43214

Ion Ratio Lower Upper

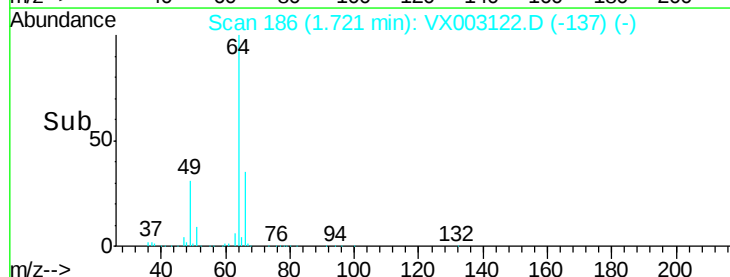
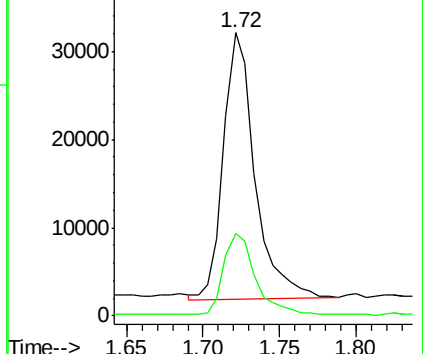
64 100

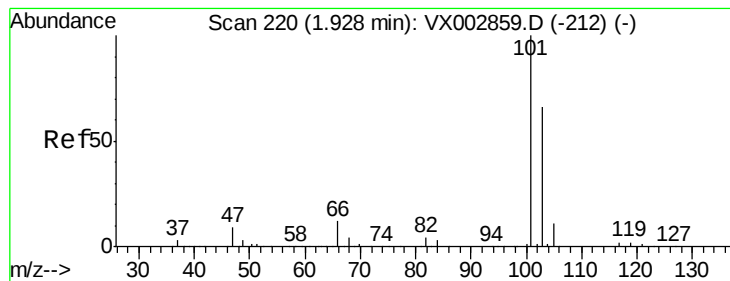
66 30.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



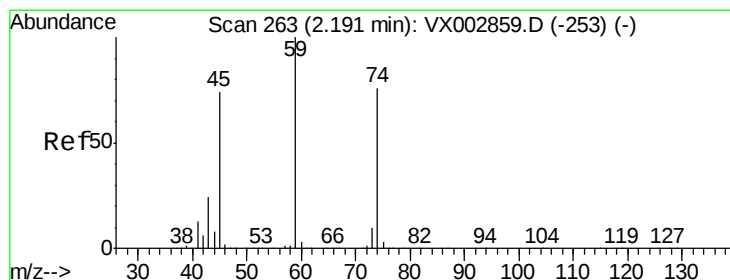
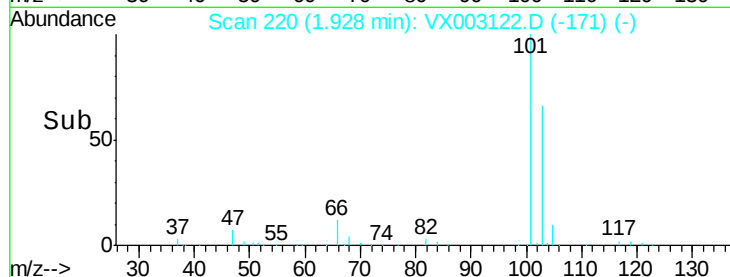
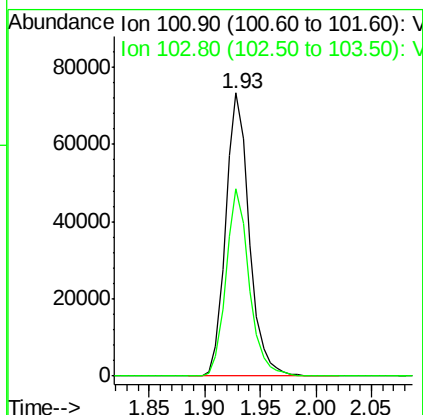
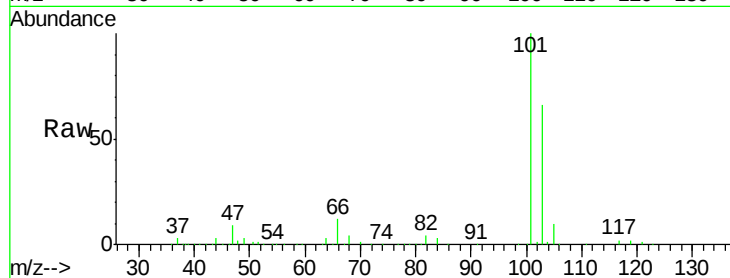


#7

Trichlorofluoromethane
 Concen: 19.29 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

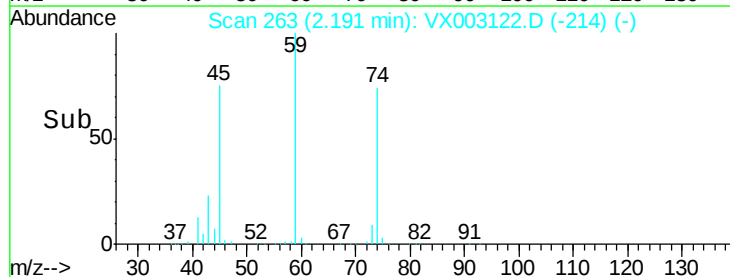
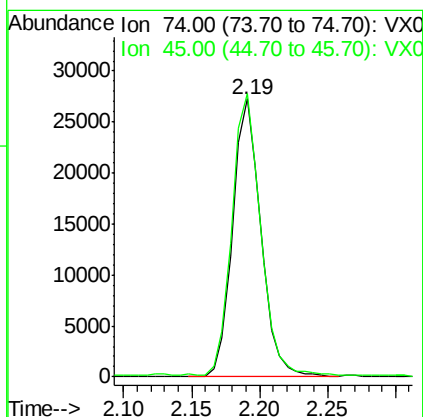
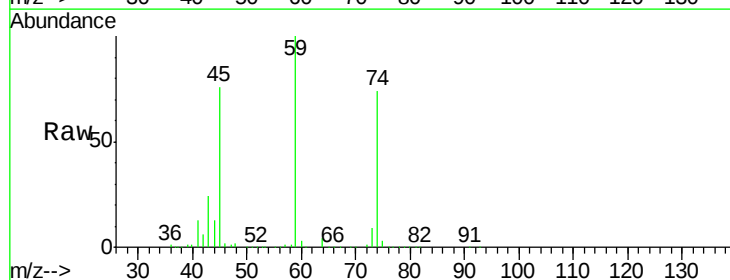
Tot Ion:101 Resp: 107304
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.8 79.2



#8

Diethyl Ether
 Concen: 19.53 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Tgt Ion: 74 Resp: 39480
 Ion Ratio Lower Upper
 74 100
 45 102.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.10 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

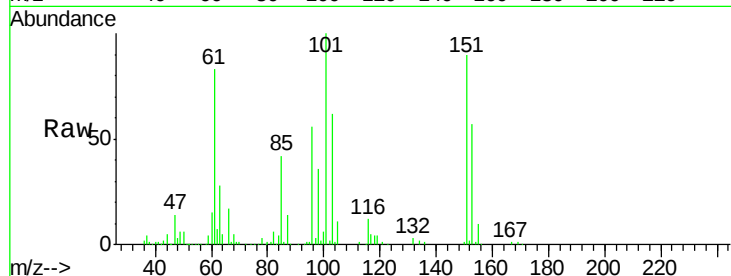
Tot Ion:101 Resp: 64777

Ion Ratio Lower Upper

101 100

85 43.3 36.0 54.0

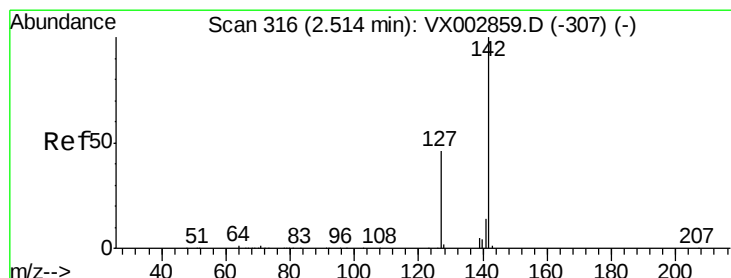
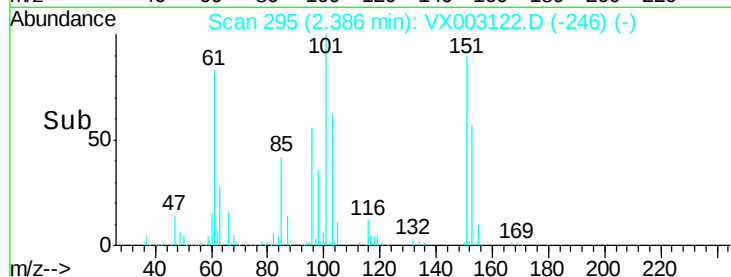
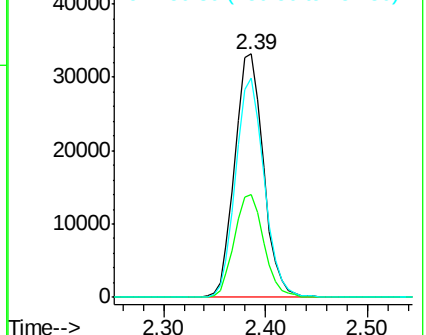
151 89.6 70.9 106.3



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: 18.93 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

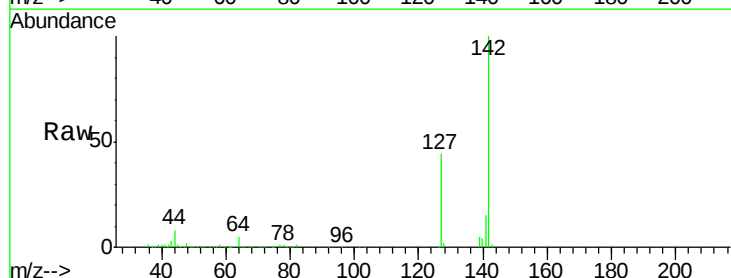
Tgt Ion:142 Resp: 47435

Ion Ratio Lower Upper

142 100

127 43.0 36.6 55.0

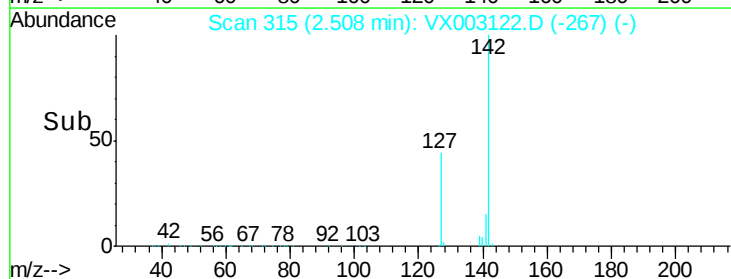
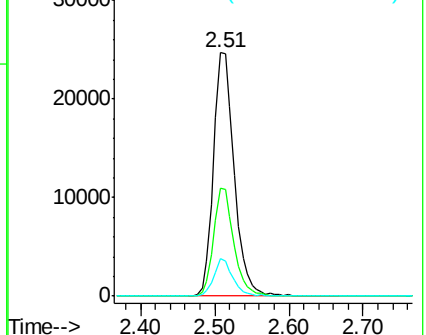
141 14.1 11.3 16.9

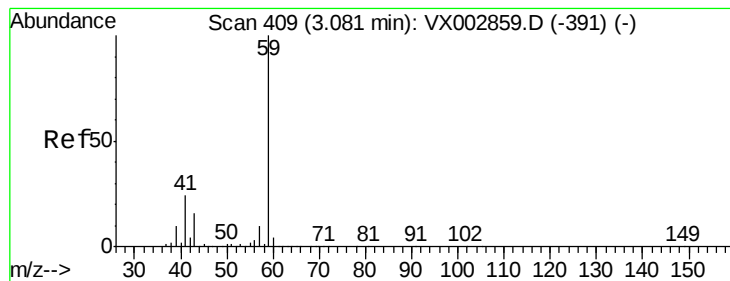


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



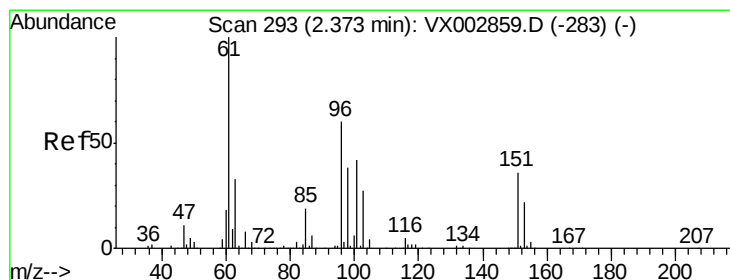
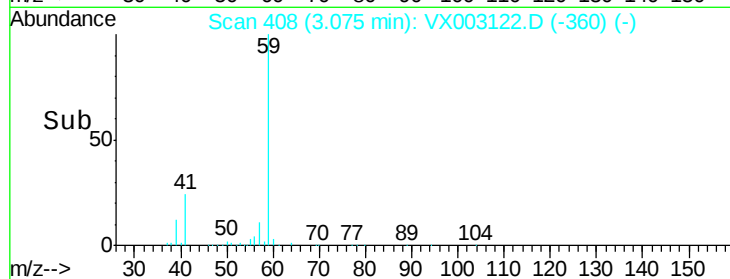
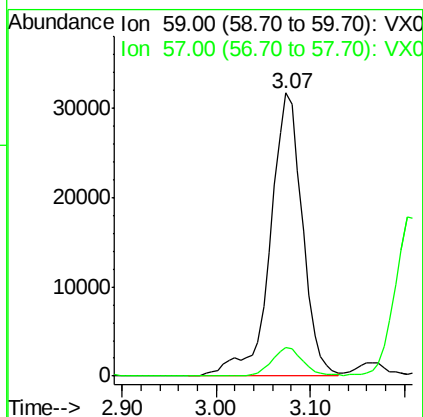
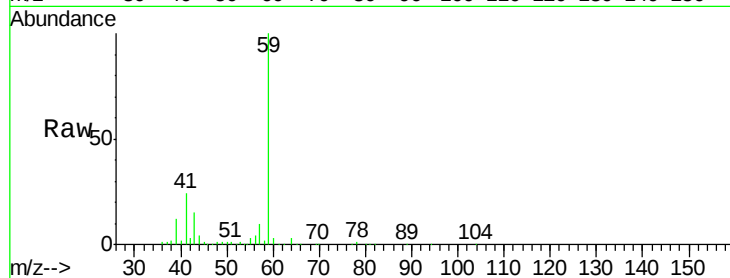


#11

Tert butyl alcohol
 Concen: 93.96 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

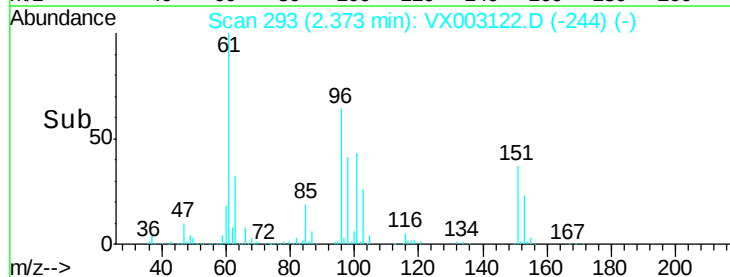
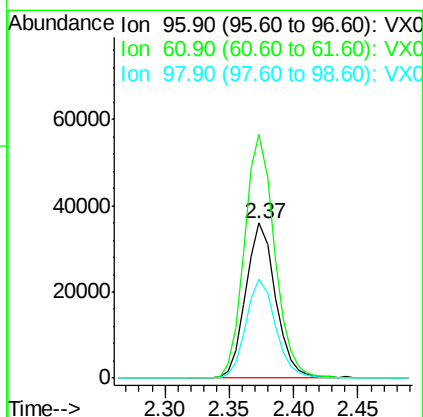
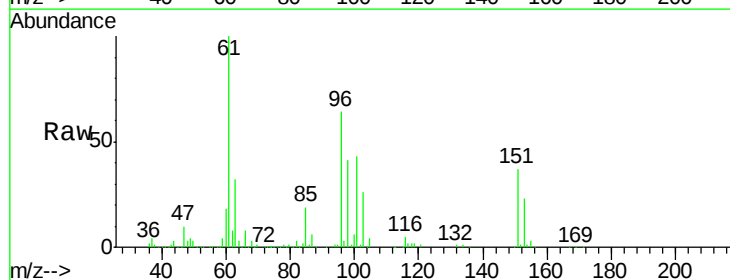
Tot Ion: 59 Resp: 75422
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 20.02 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Tgt Ion: 96 Resp: 57572
 Ion Ratio Lower Upper
 96 100
 61 157.3 137.9 206.9
 98 64.3 51.6 77.4





#13

Acrolein

Concen: 64.42 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

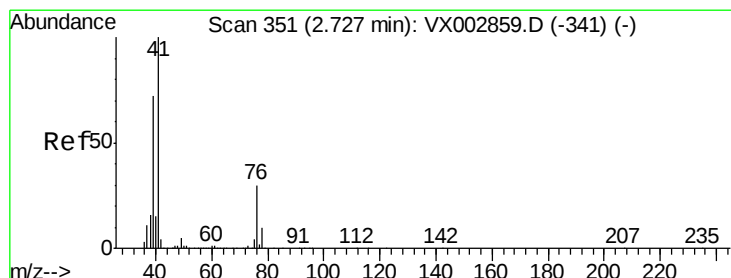
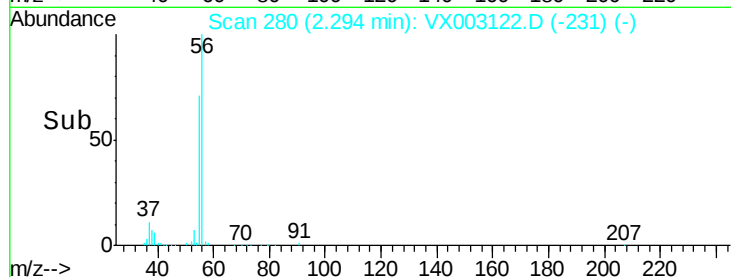
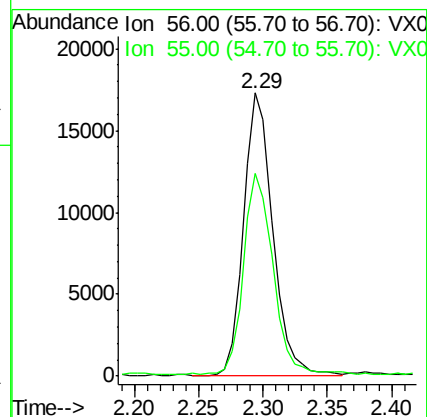
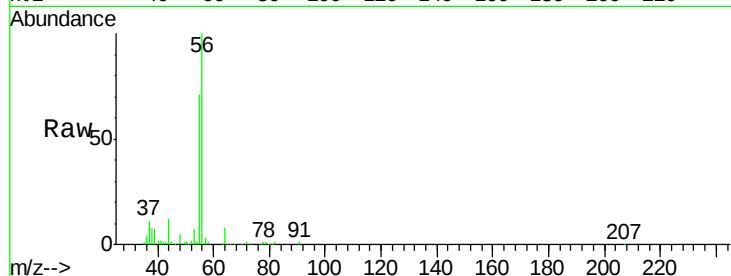
VX0702WBS01

Tot Ion: 56 Resp: 27247

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 19.55 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

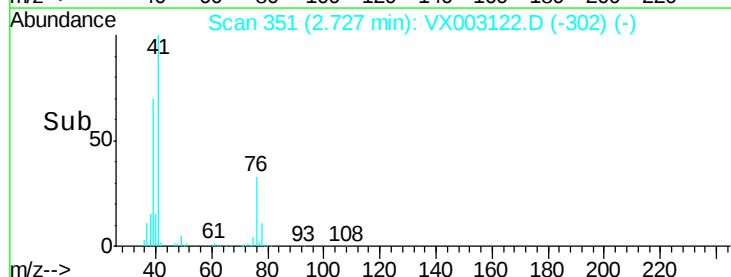
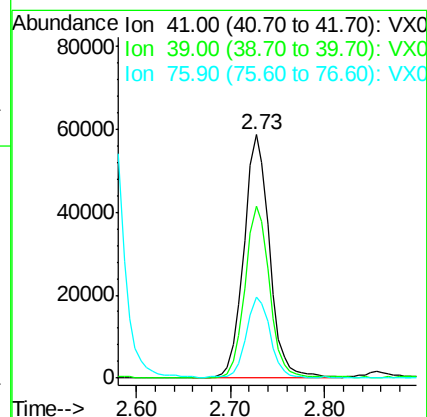
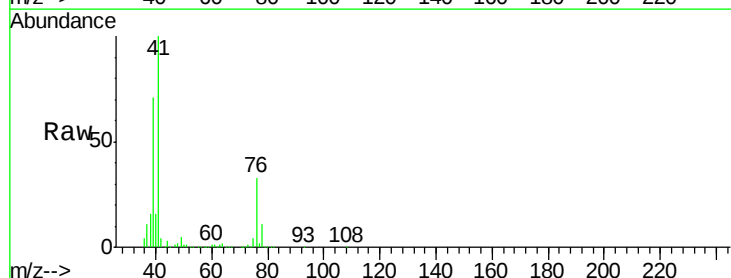
Tgt Ion: 41 Resp: 110821

Ion Ratio Lower Upper

41 100

39 67.8 56.8 85.2

76 31.0 23.8 35.8





#15

Acrylonitrile

Concen: 96.12 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampled :

VX0702WBS01

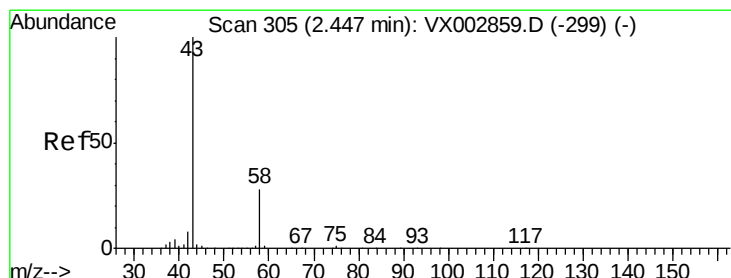
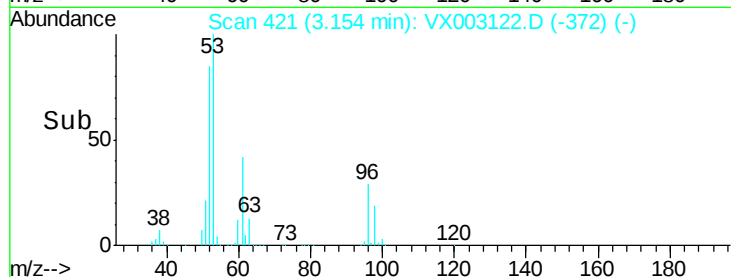
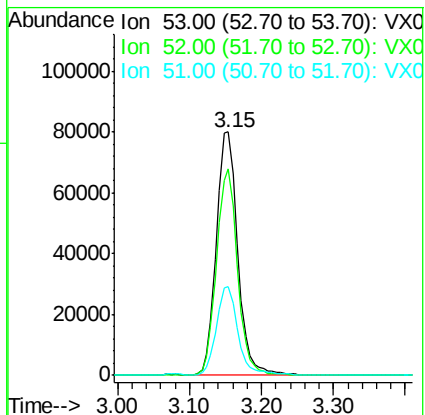
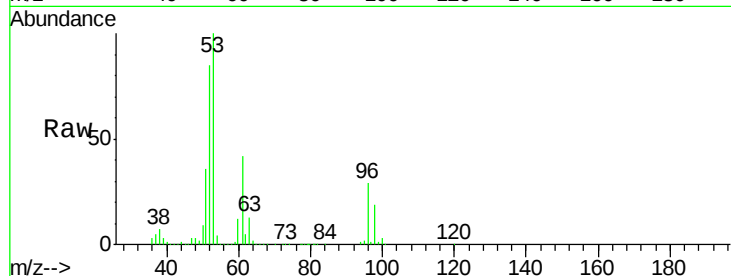
Tot Ion: 53 Resp: 164810

Ion Ratio Lower Upper

53 100

52 82.8 66.7 100.1

51 36.5 29.9 44.9



#16

Acetone

Concen: 103.95 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003122.D

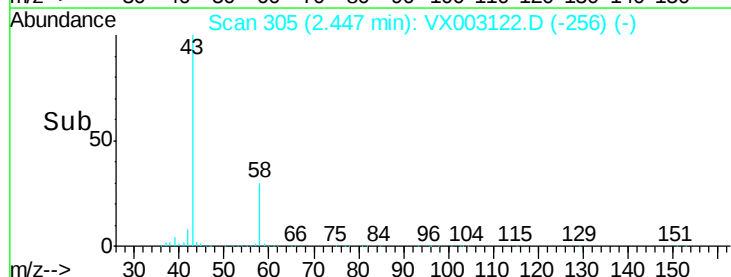
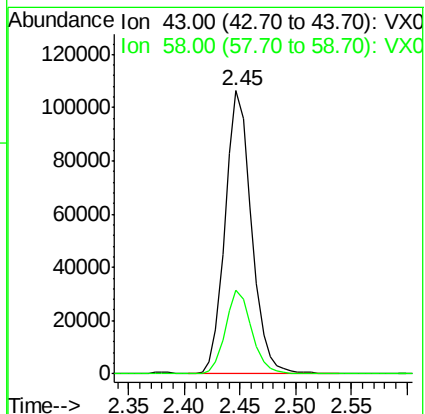
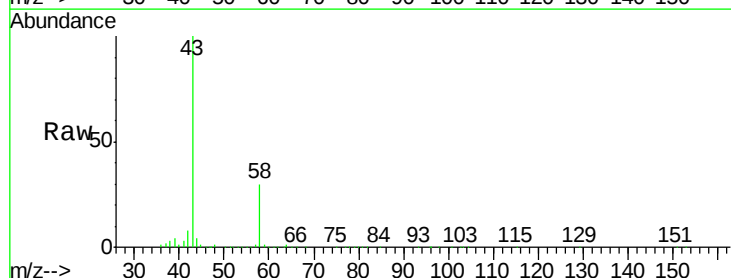
Acq: 02 Jul 2018 12:56

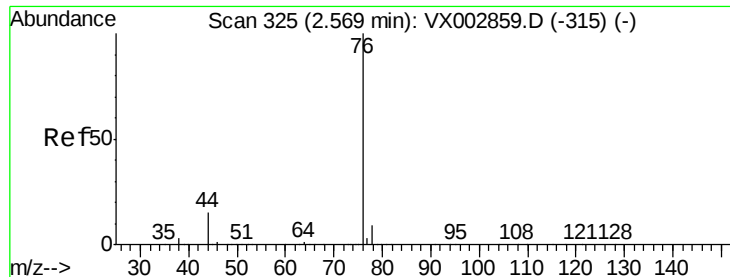
Tgt Ion: 43 Resp: 173463

Ion Ratio Lower Upper

43 100

58 29.5 22.1 33.1

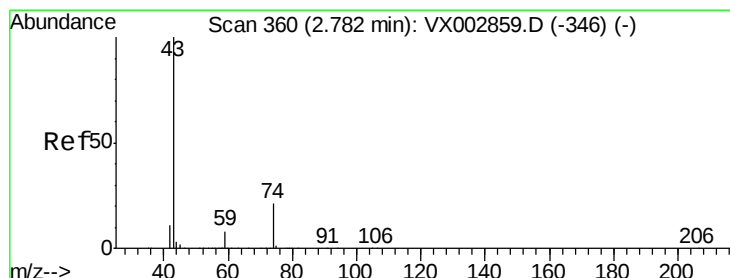
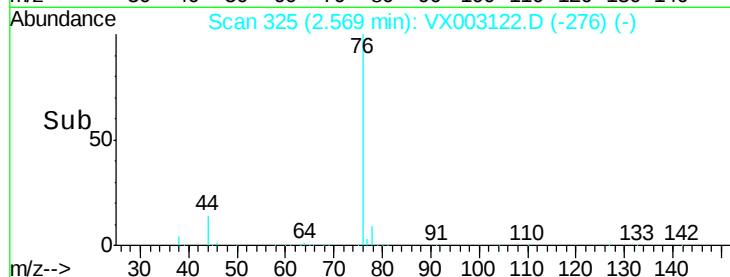
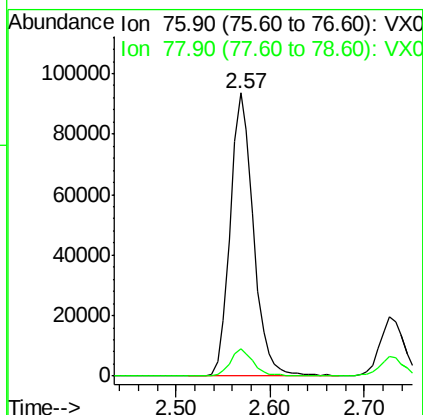
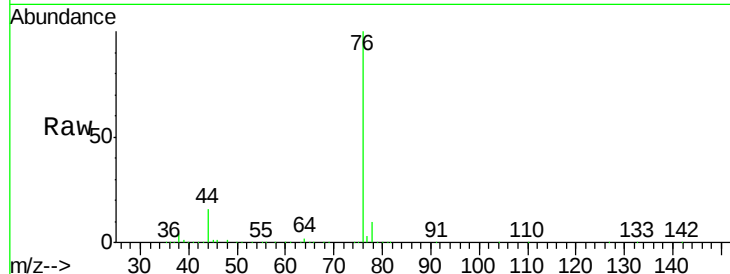




#17
Carbon Disulfide
Concen: 20.96 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

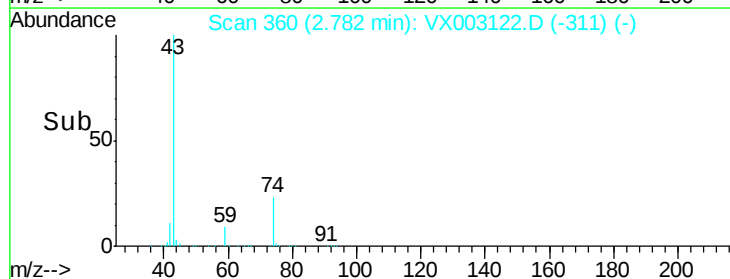
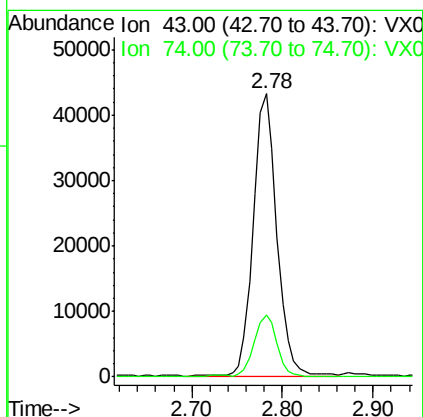
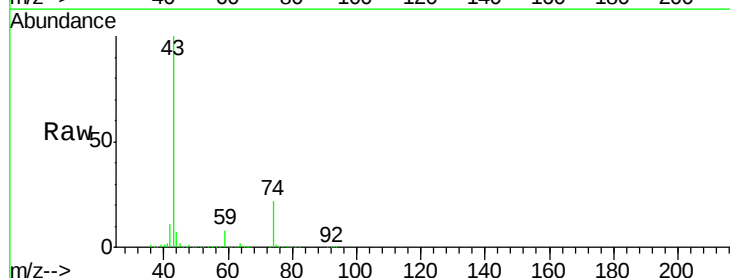
Instrument :
MSVOA_X
ClientSampled :
VX0702WBS01

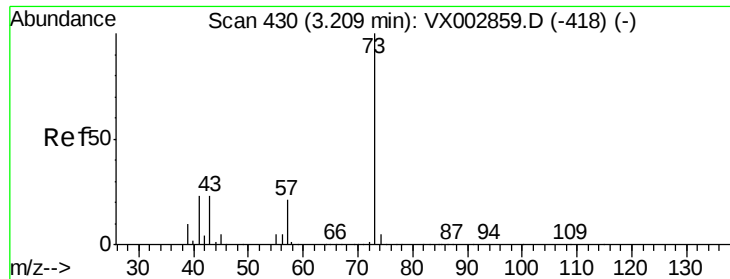
Tot Ion: 76 Resp: 160558
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 16.63 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion: 43 Resp: 77580
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1

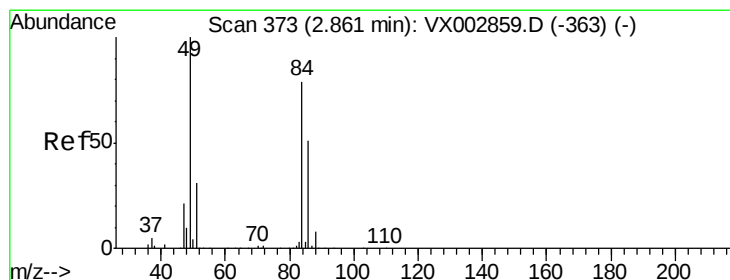
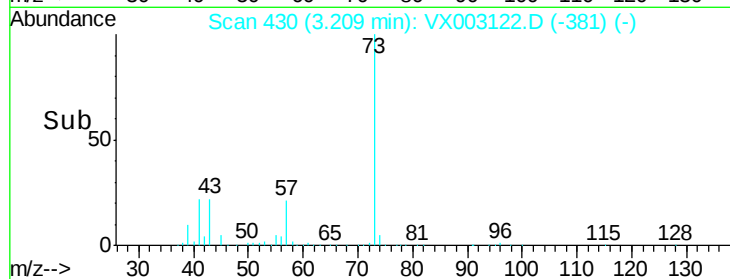
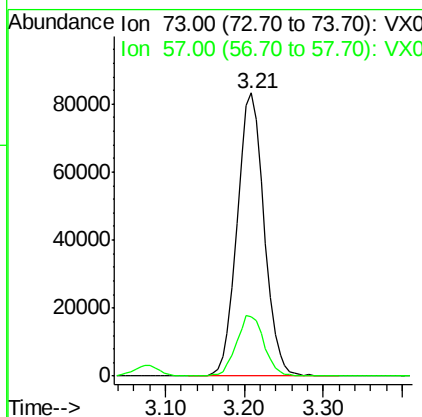
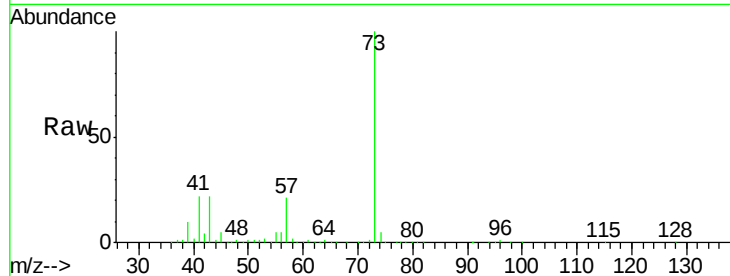




#19
Methyl tert-butyl Ether
Concen: 19.14 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

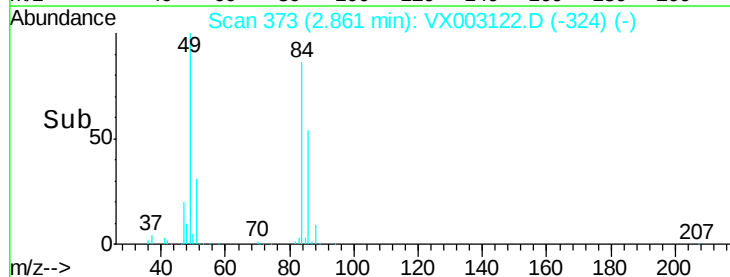
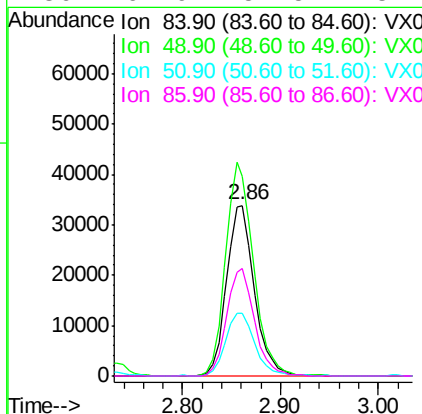
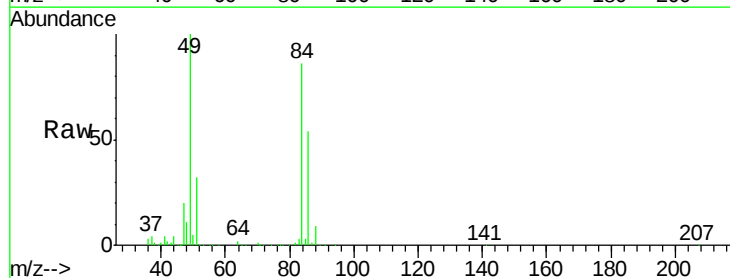
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

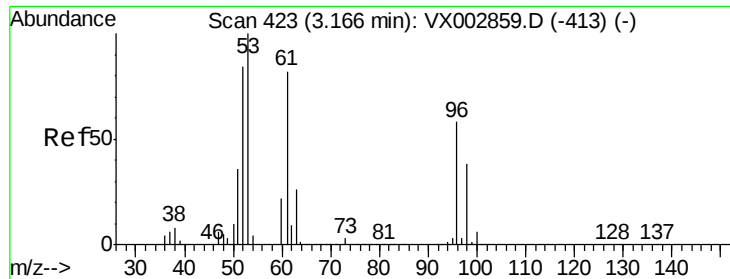
Tot Ion: 73 Resp: 197872
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 20.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion: 84 Resp: 66645
Ion Ratio Lower Upper
84 100
49 116.4 107.8 161.6
51 36.6 32.8 49.2
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.79 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

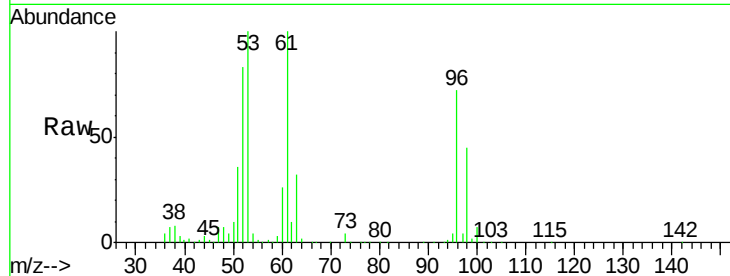
Tot Ion: 96 Resp: 61969

Ion Ratio Lower Upper

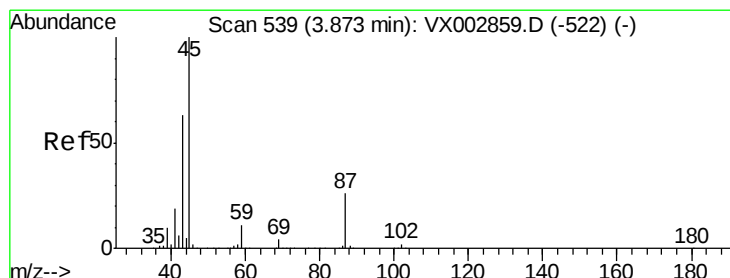
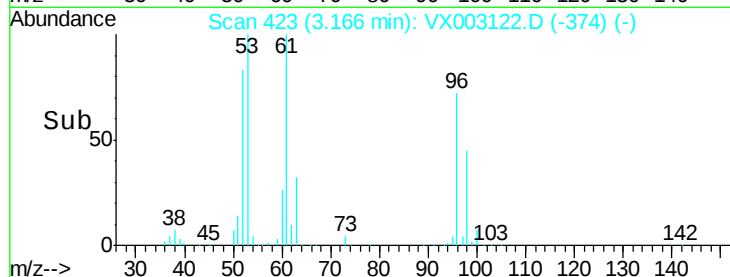
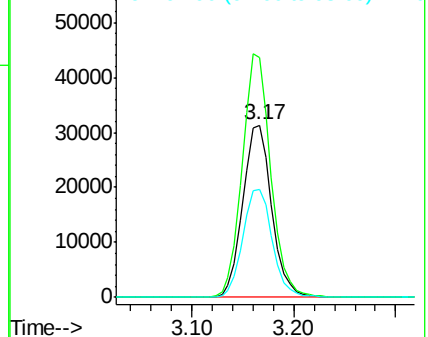
96 100

61 138.6 117.0 175.4

98 62.7 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.42 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Tgt Ion: 45 Resp: 210345

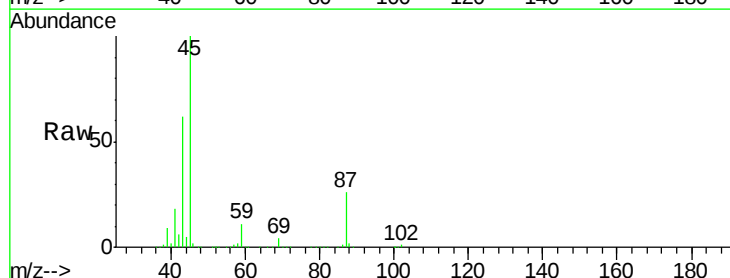
Ion Ratio Lower Upper

45 100

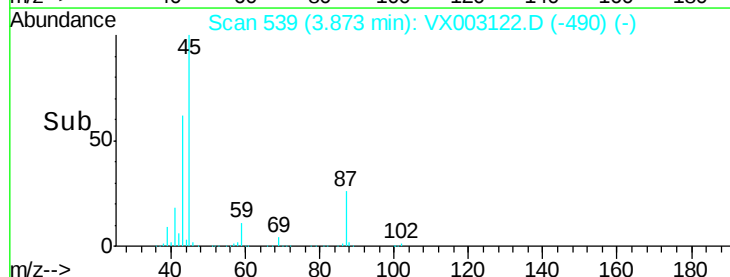
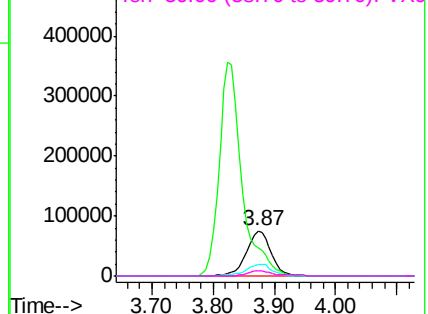
43 61.7 46.8 70.2

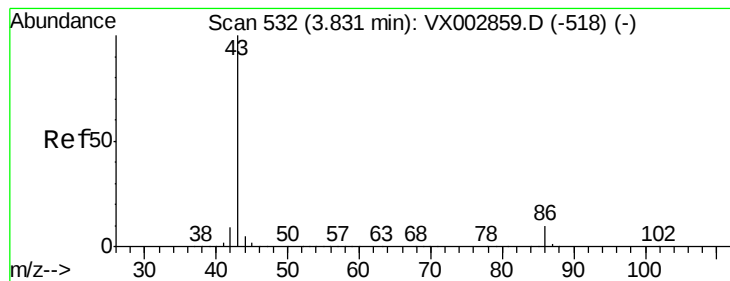
87 25.6 20.2 30.4

59 11.2 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.00 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

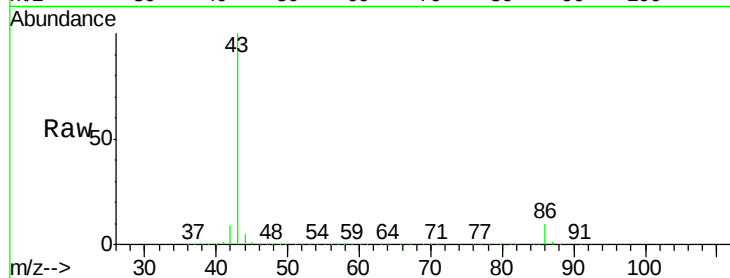
VX0702WBS01

Tot Ion: 43 Resp: 926545

Ion Ratio Lower Upper

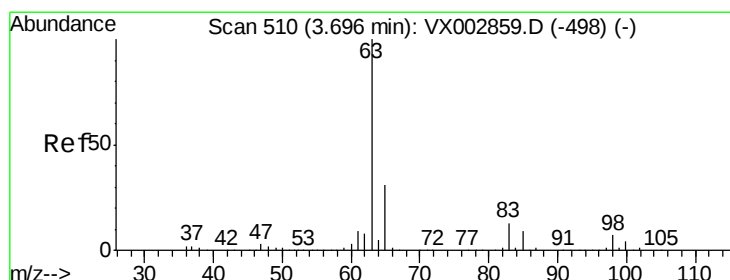
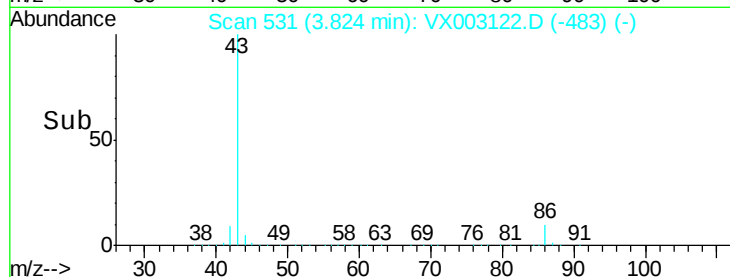
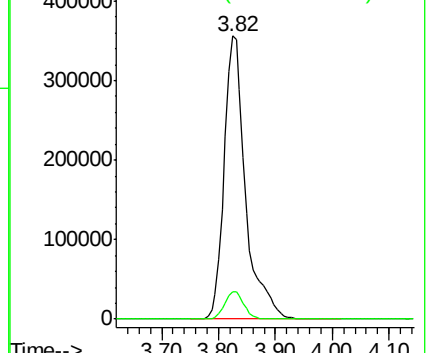
43 100

86 9.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.45 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

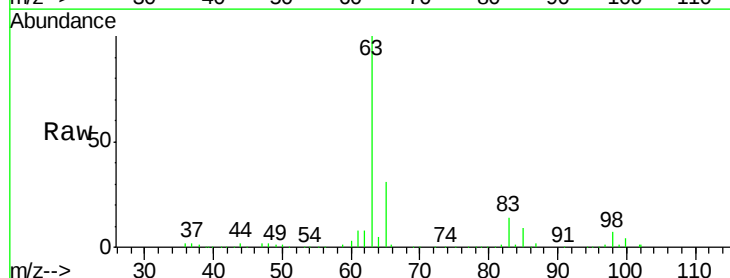
Tgt Ion: 63 Resp: 114553

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

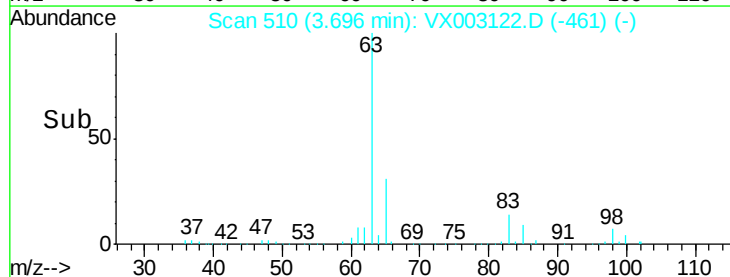
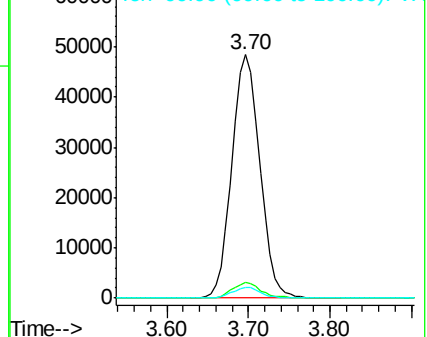
100 4.4 2.0 6.0

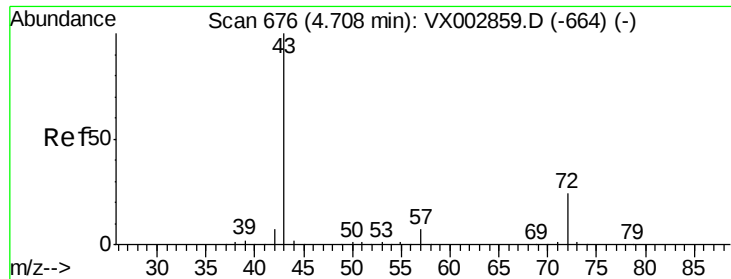


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.33 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

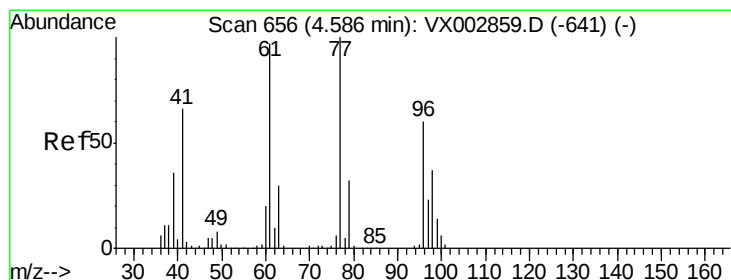
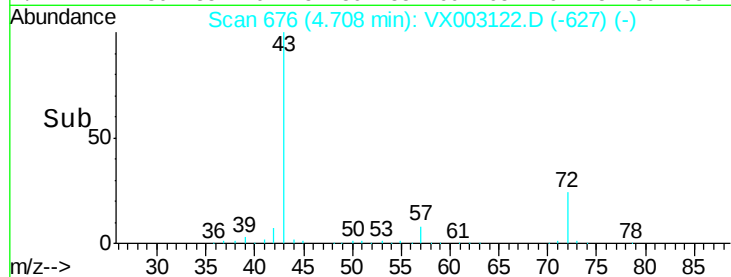
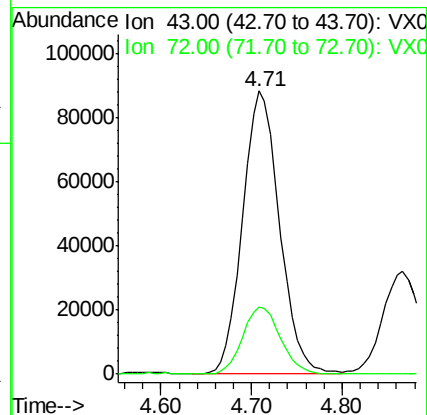
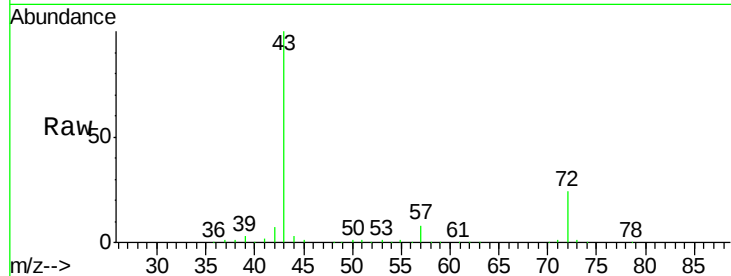
VX0702WBS01

Tot Ion: 43 Resp: 248485

Ion Ratio Lower Upper

43 100

72 23.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 19.65 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003122.D

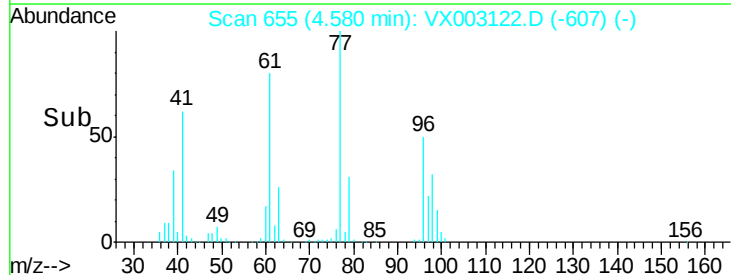
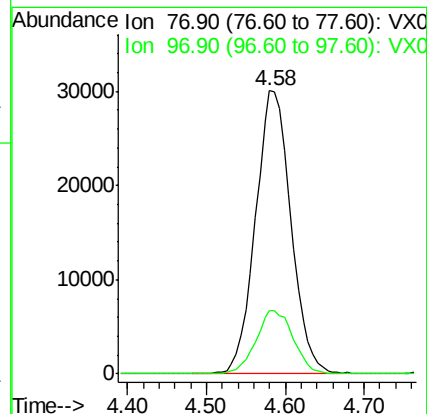
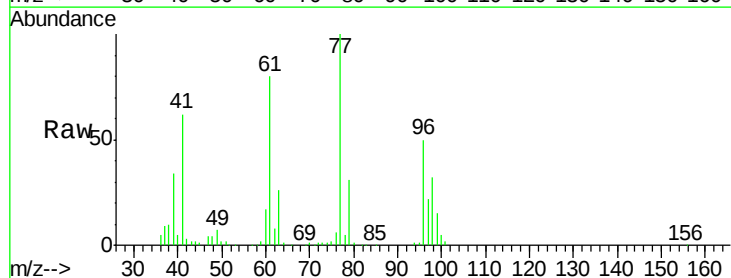
Acq: 02 Jul 2018 12:56

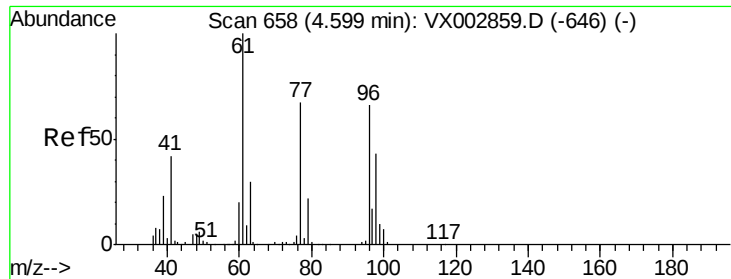
Tgt Ion: 77 Resp: 94062

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.88 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

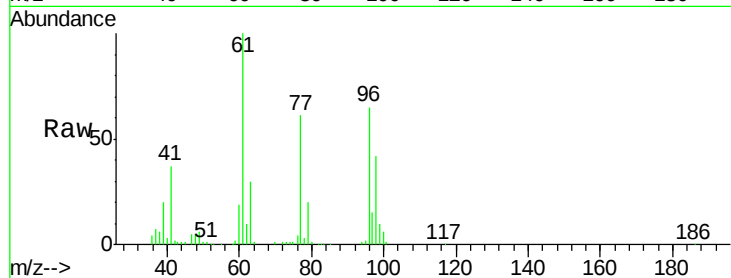
Tot Ion: 96 Resp: 69795

Ion Ratio Lower Upper

96 100

61 161.3 0.0 330.2

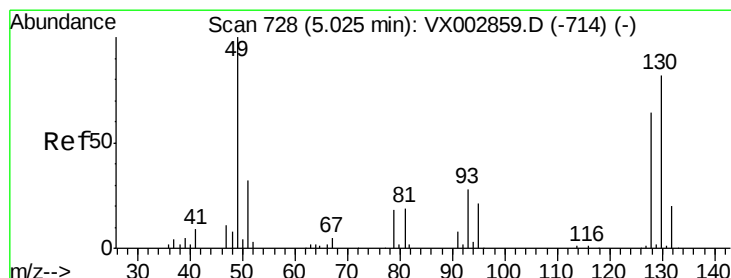
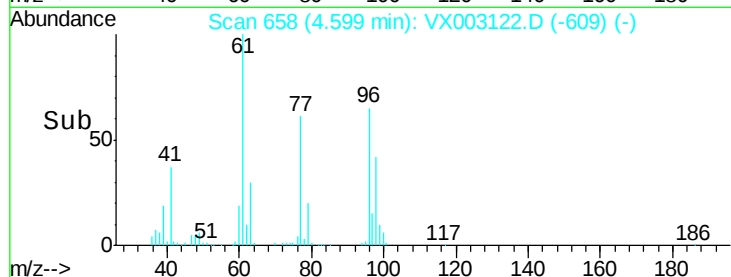
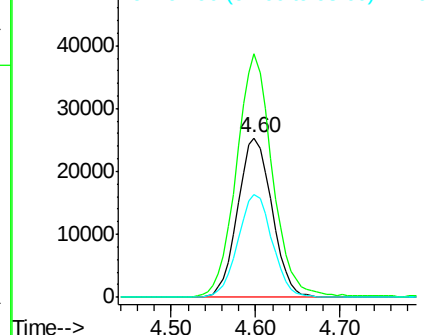
98 64.8 0.0 130.2



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: 17.92 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

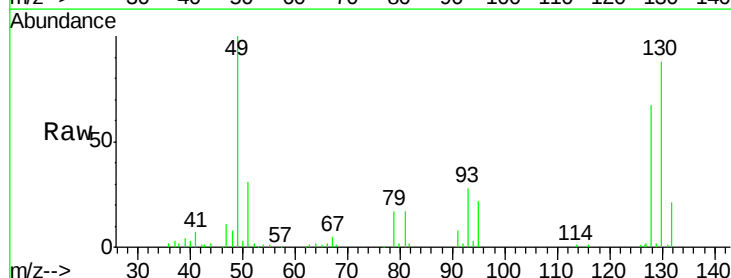
Tgt Ion: 49 Resp: 50503

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

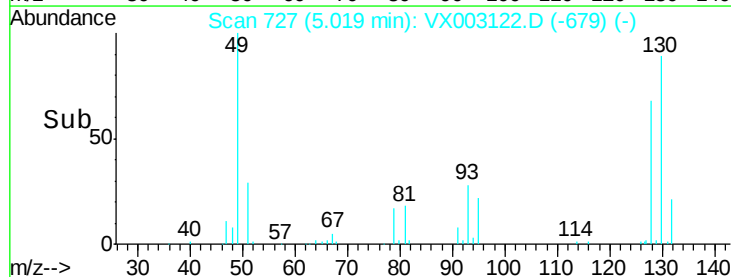
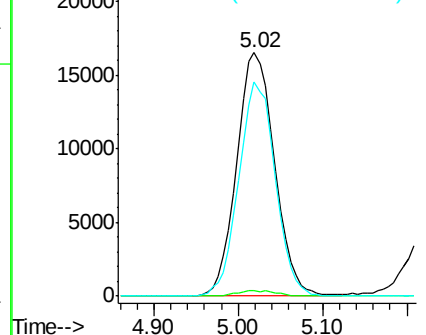
130 84.7 61.2 91.8

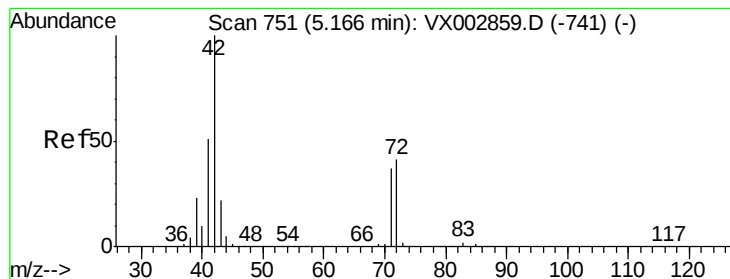


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.83 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

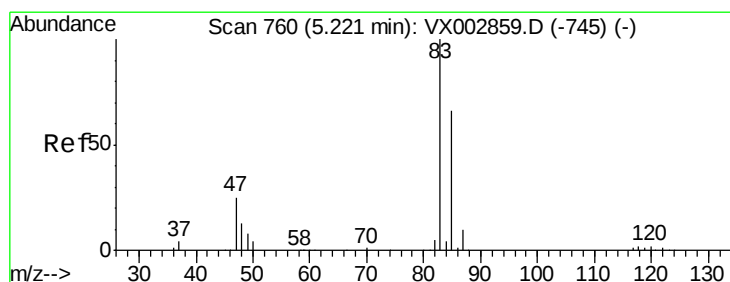
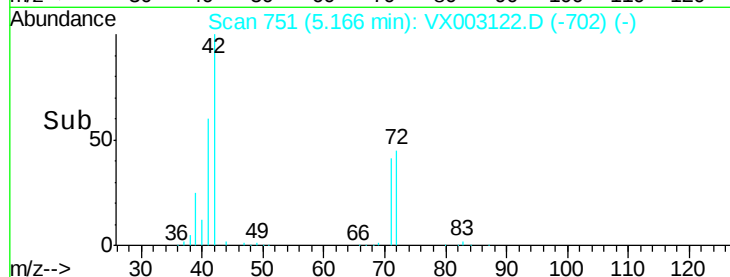
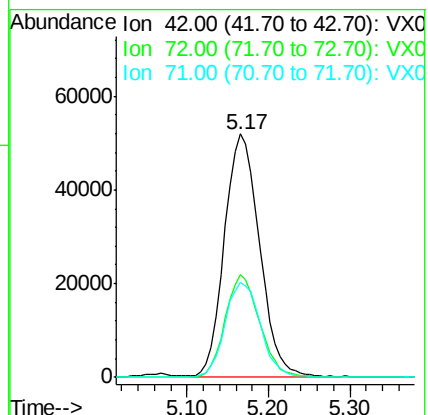
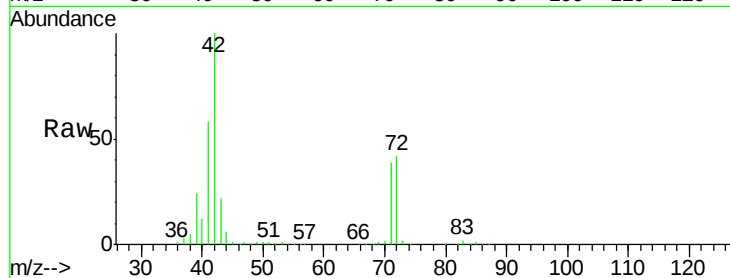
Tot Ion: 42 Resp: 153777

Ion Ratio Lower Upper

42 100

72 41.9 32.0 48.0

71 39.6 30.1 45.1



#30

Chloroform

Concen: 19.79 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003122.D

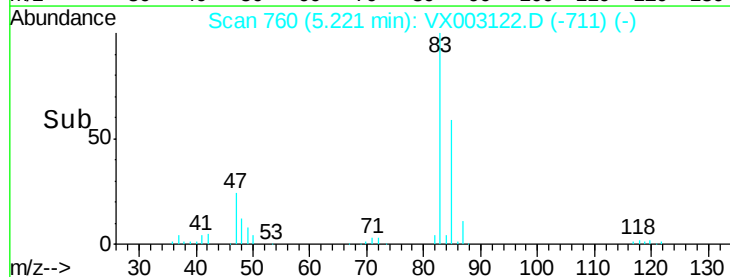
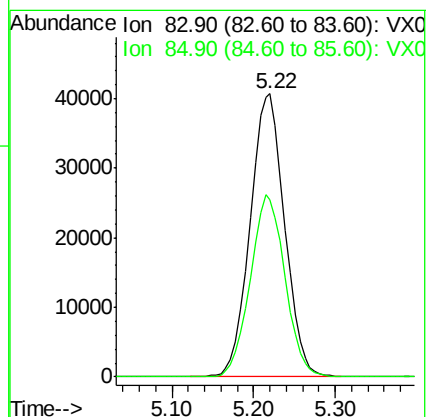
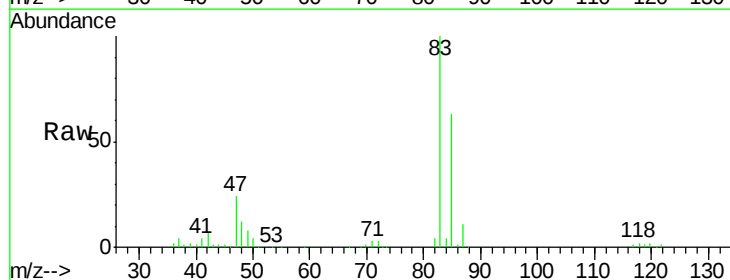
Acq: 02 Jul 2018 12:56

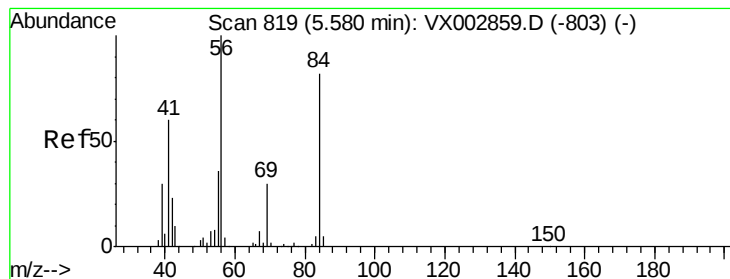
Tgt Ion: 83 Resp: 119577

Ion Ratio Lower Upper

83 100

85 62.8 50.4 75.6





#31

Cyclohexane

Concen: 20.47 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

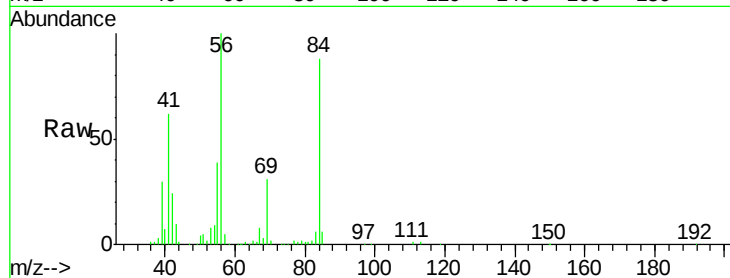
Tot Ion: 56 Resp: 103435

Ion Ratio Lower Upper

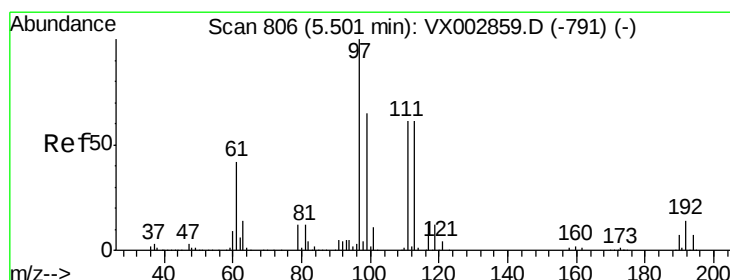
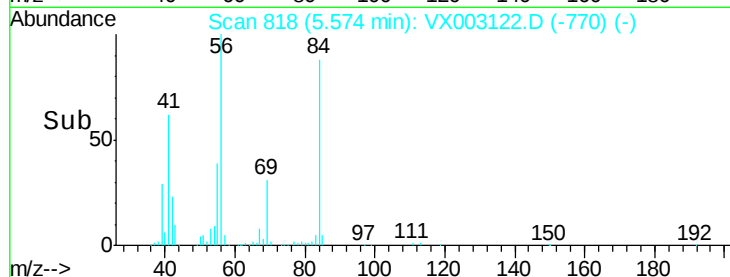
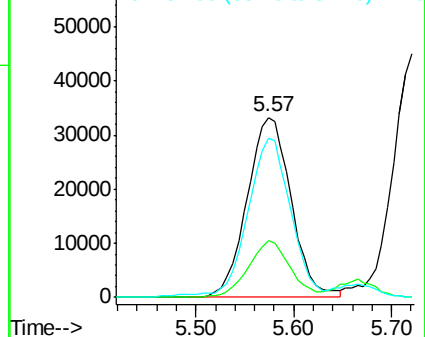
56 100

69 31.5 23.7 35.5

84 86.9 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.79 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

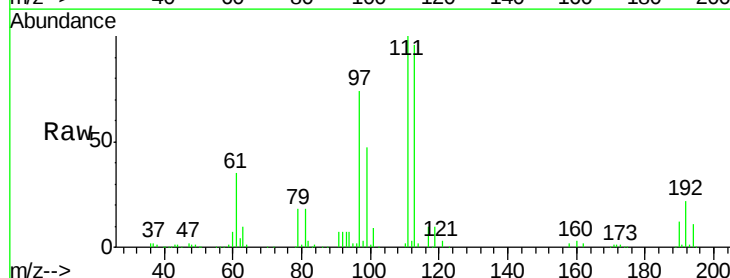
Tgt Ion: 97 Resp: 105234

Ion Ratio Lower Upper

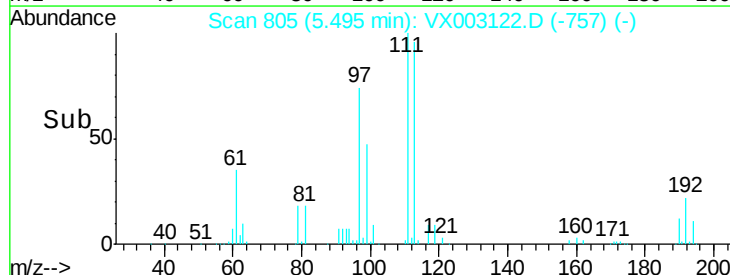
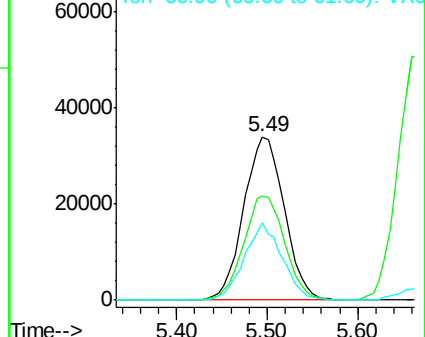
97 100

99 64.3 51.6 77.4

61 44.0 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

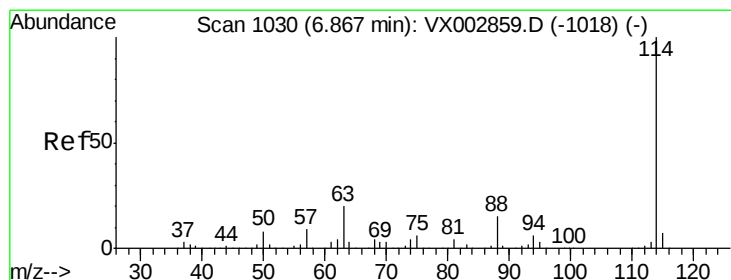
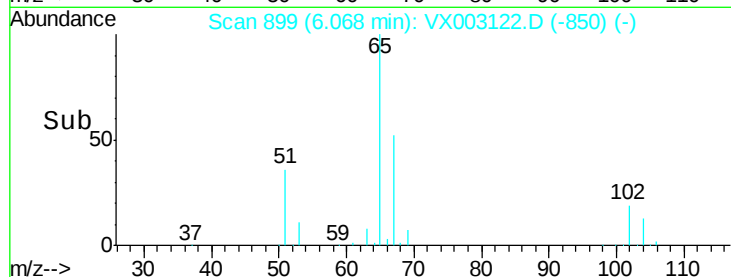
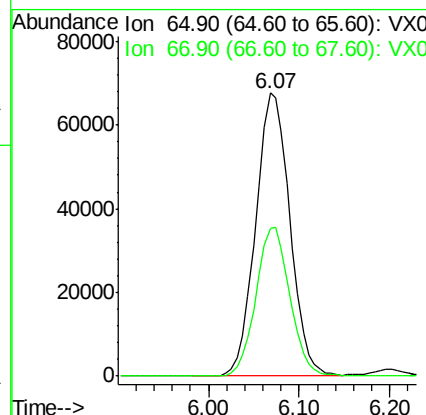
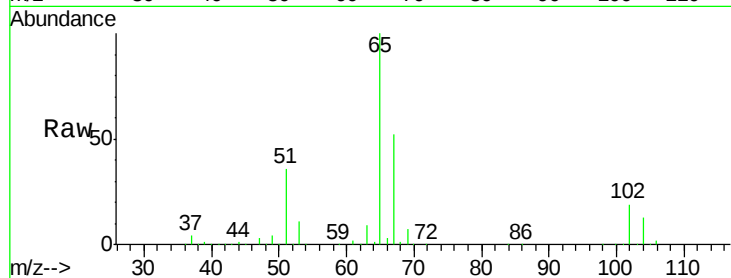




#33
 1,2-Dichloroethane-d4
 Concen: 43.87 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

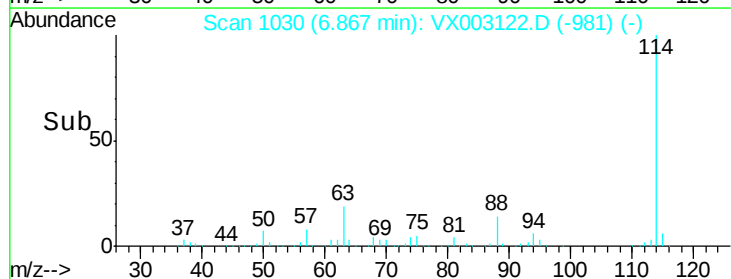
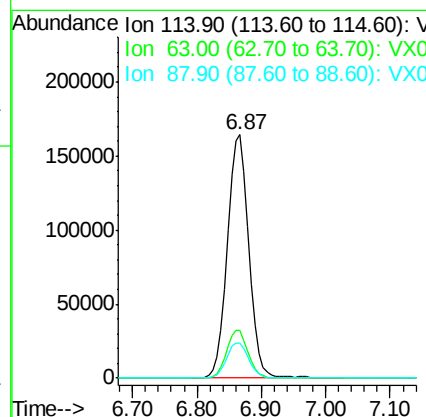
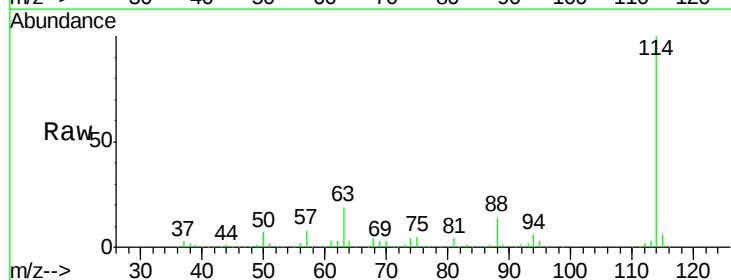
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

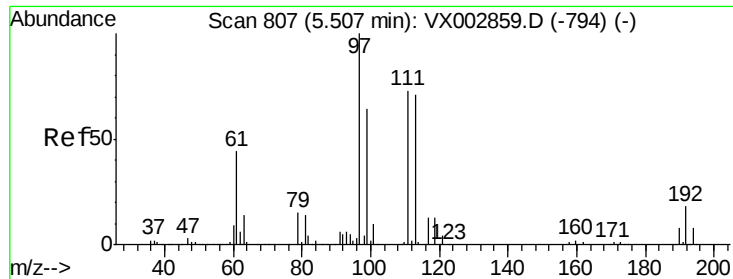
Tot Ion: 65 Resp: 176782
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Tgt Ion: 114 Resp: 388102
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 14.4 0.0 30.0

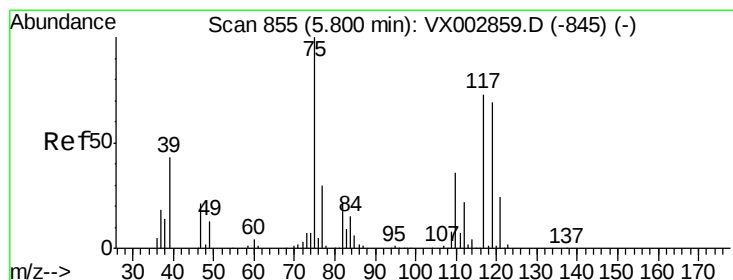
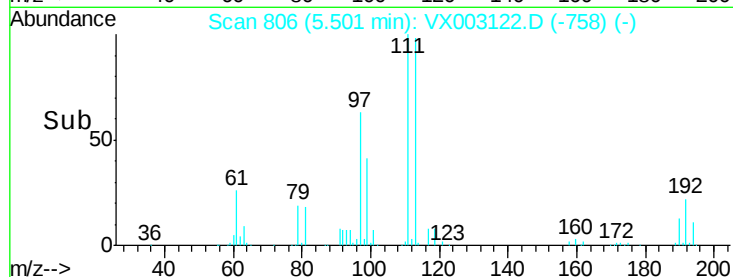
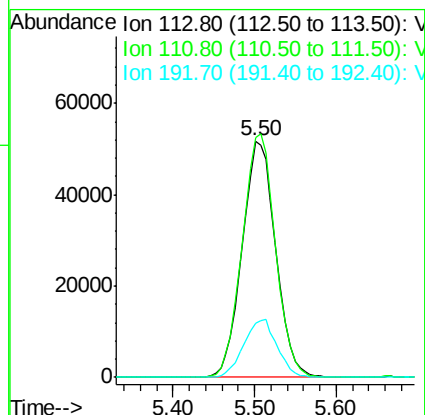
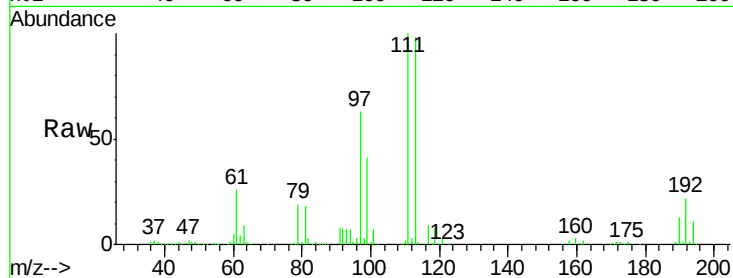




#35
 Dibromofluoromethane
 Concen: 47.99 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

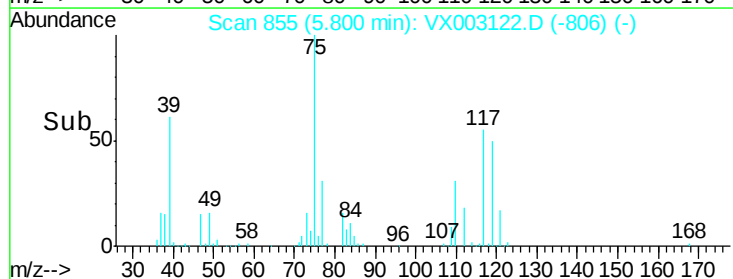
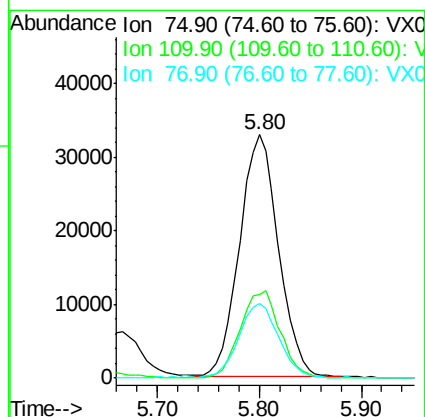
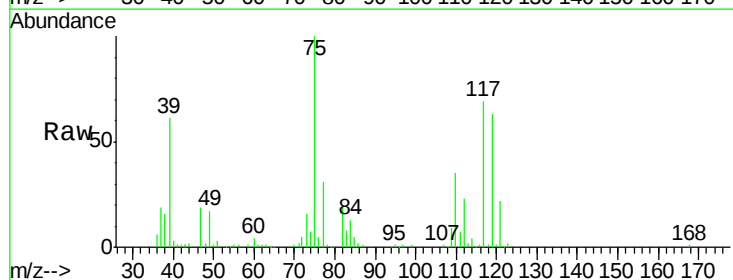
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

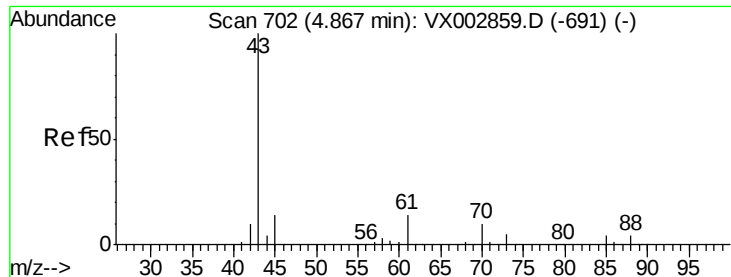
Tot Ion:113 Resp: 147493
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 24.6 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.57 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Tgt Ion: 75 Resp: 87543
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.1 54.4
 77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 20.52 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

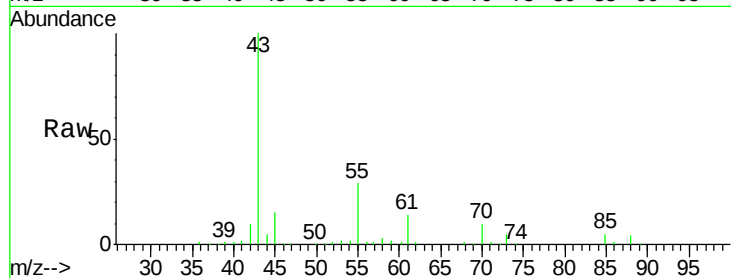
Tot Ion: 43 Resp: 94040

Ion Ratio Lower Upper

43 100

61 14.2 10.4 15.6

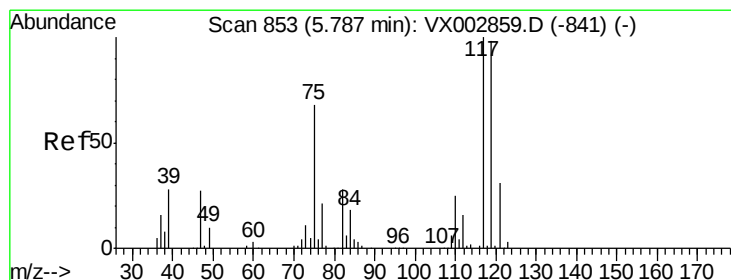
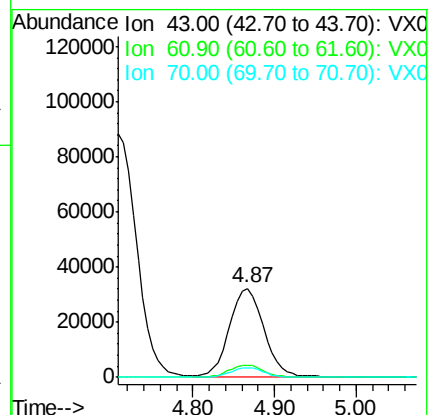
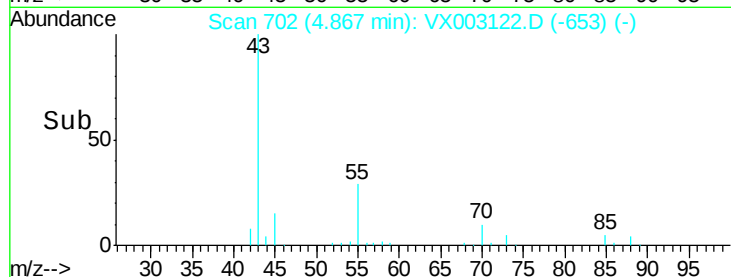
70 10.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003122.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX003122.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX003122.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 20.41 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

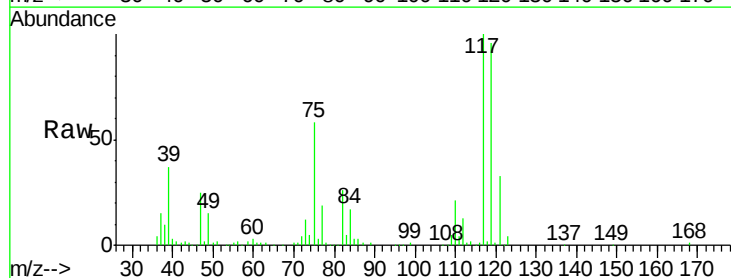
Tgt Ion: 117 Resp: 95311

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

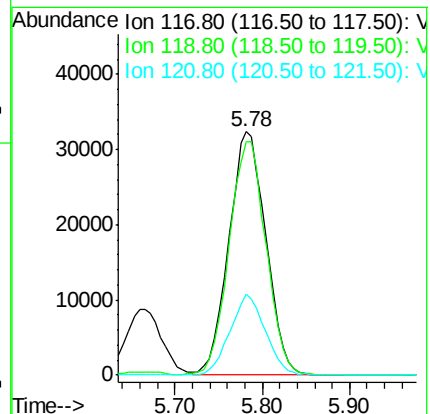
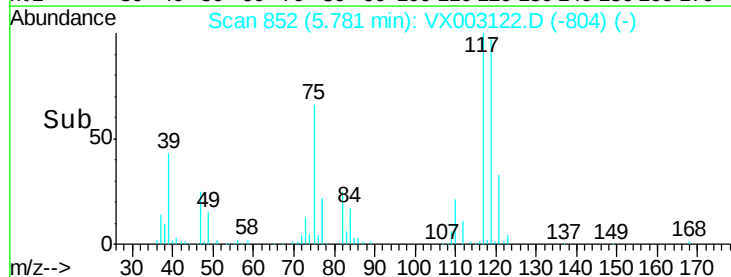
121 33.2 24.4 36.6

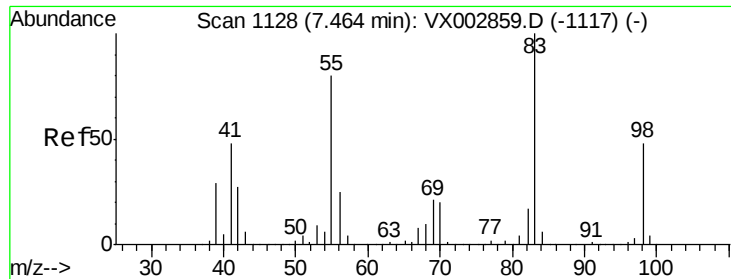


Abundance Ion 116.80 (116.50 to 117.50): VX003122.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX003122.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX003122.D (-804) (-)

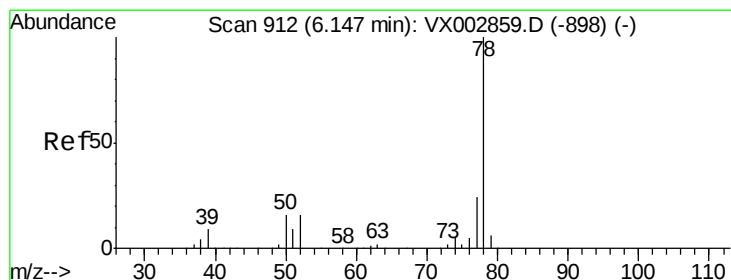
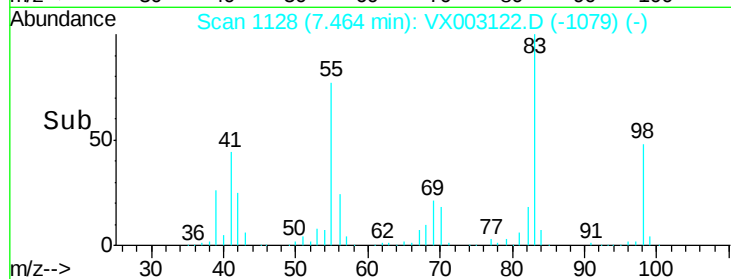
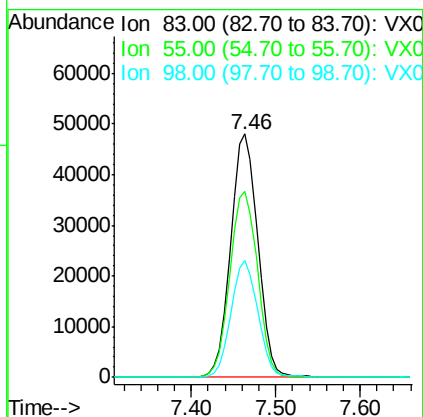
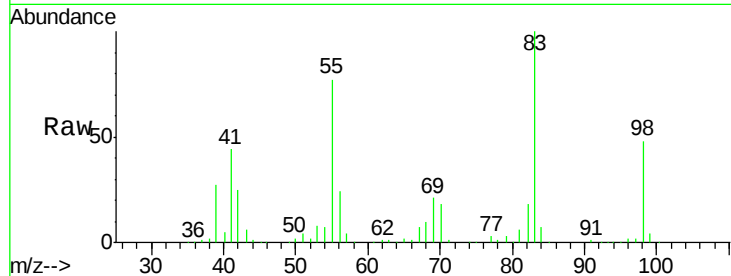




#39
Methvlcvclohexane
Concen: 21.12 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

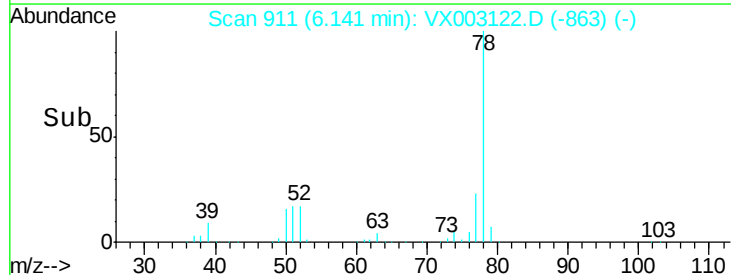
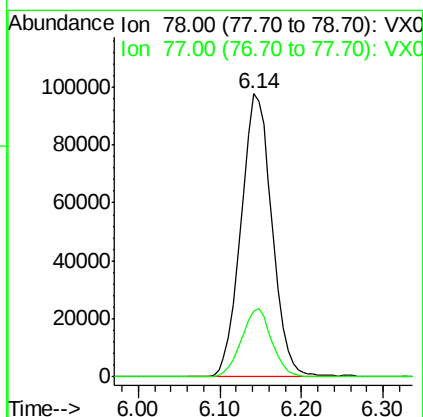
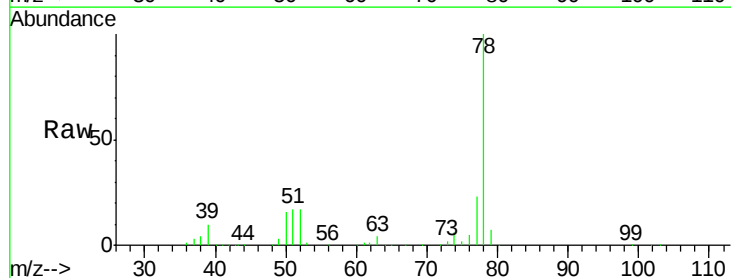
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

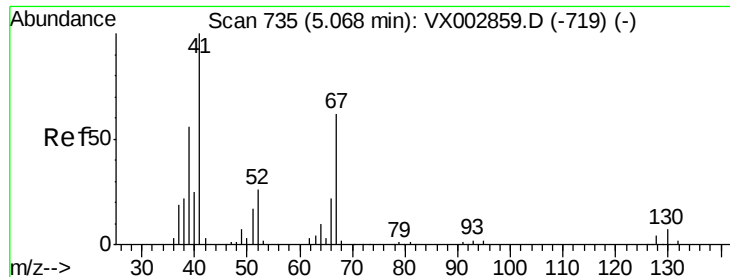
Tot Ion: 83 Resp: 104685
Ion Ratio Lower Upper
83 100
55 76.7 65.4 98.0
98 48.3 37.4 56.0



#40
Benzene
Concen: 20.86 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion: 78 Resp: 257987
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

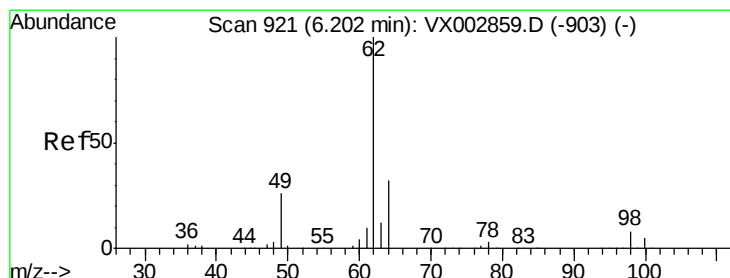
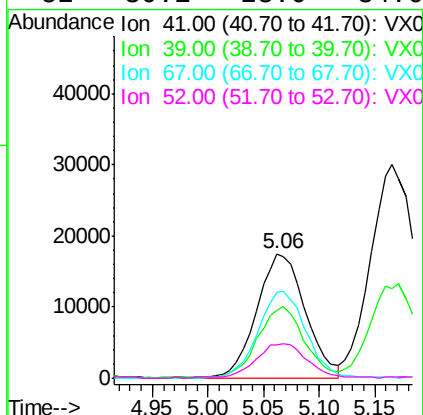
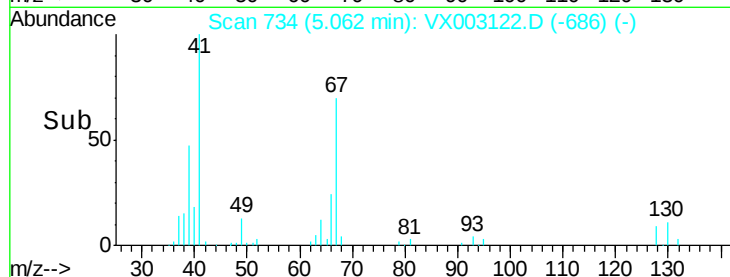
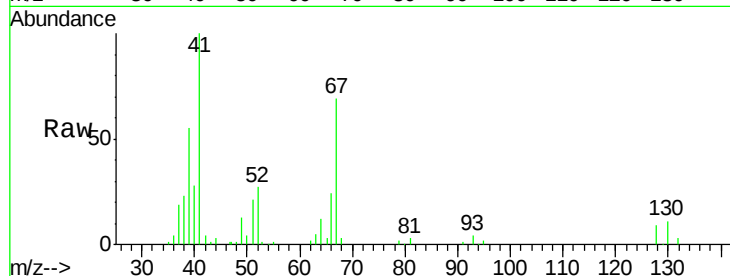




#41
Methacrylonitrile
Concen: 19.93 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

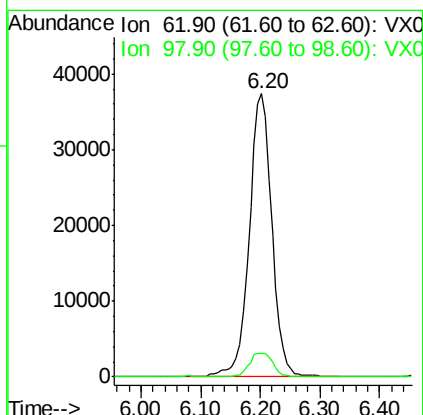
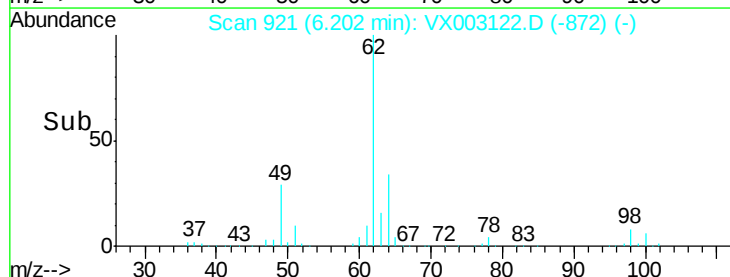
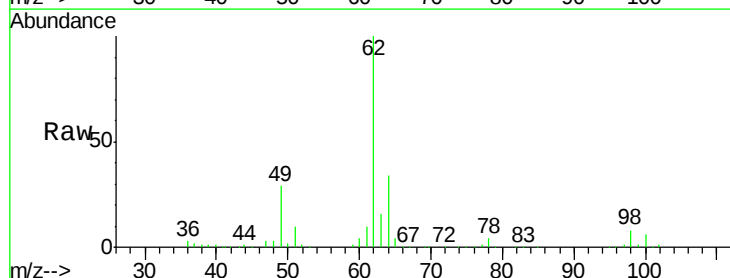
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

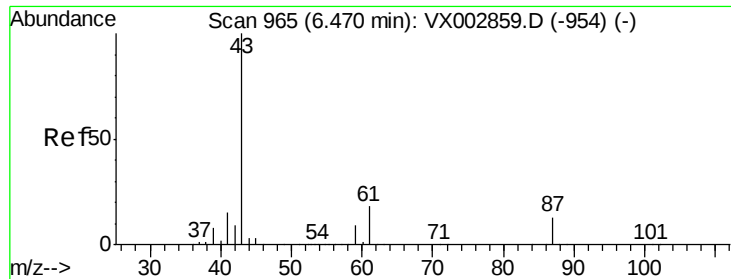
Tot Ion:	41	Resp:	52604
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.8	68.6
67	69.8	51.3	76.9
52	30.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.69 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion:	62	Resp:	98351
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.43 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

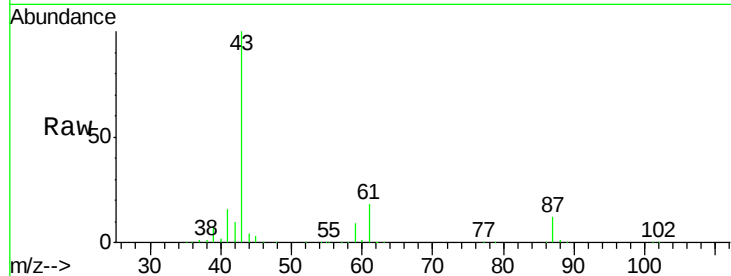
Tot Ion: 43 Resp: 149315

Ion Ratio Lower Upper

43 100

61 19.0 14.4 21.6

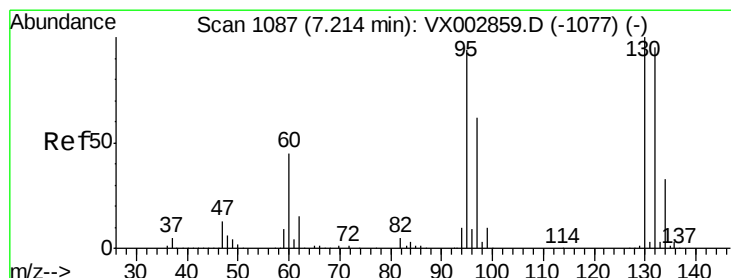
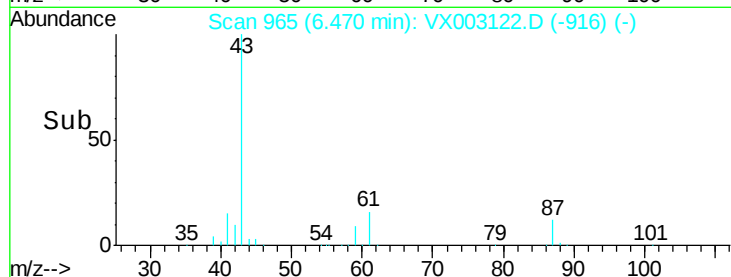
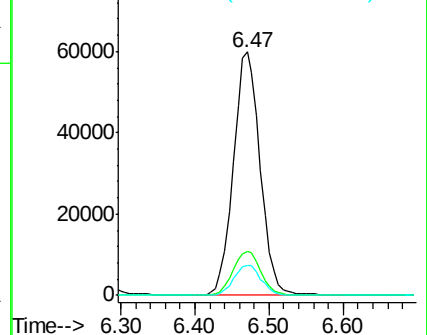
87 12.8 9.5 14.3



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



#44

Trichloroethene

Concen: 20.72 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003122.D

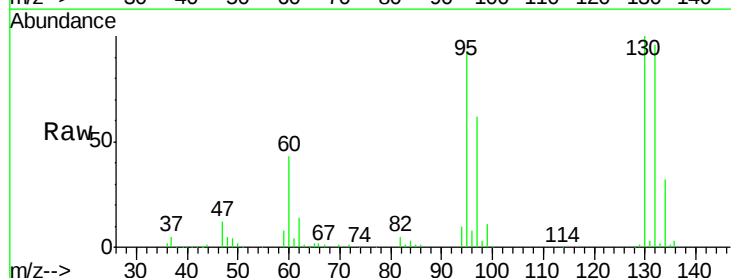
Acq: 02 Jul 2018 12:56

Tgt Ion:130 Resp: 76403

Ion Ratio Lower Upper

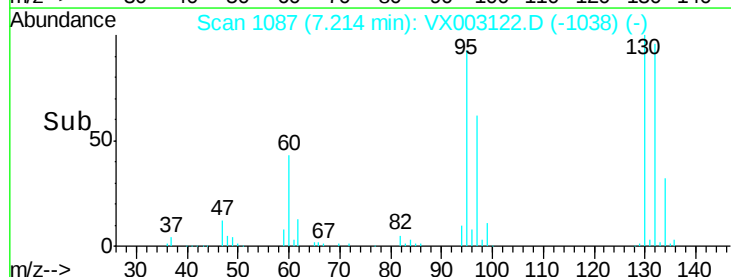
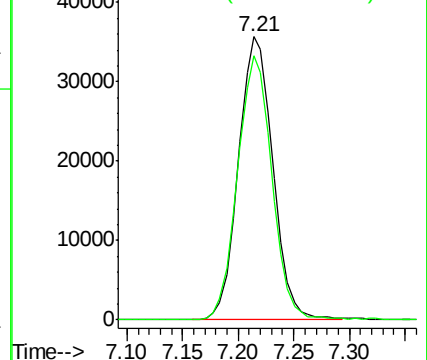
130 100

95 93.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.35 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

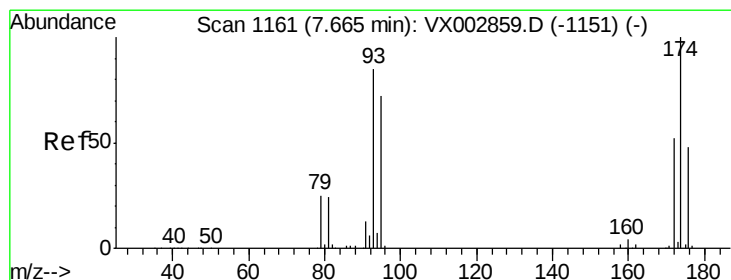
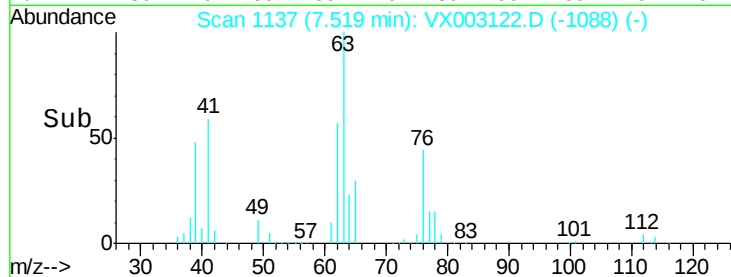
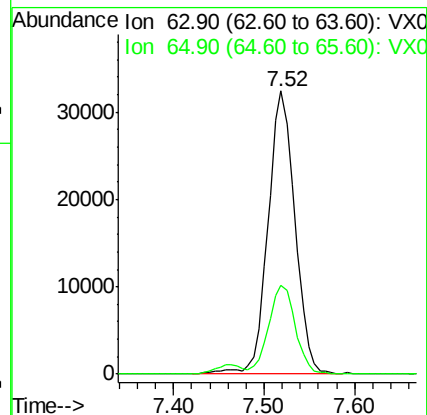
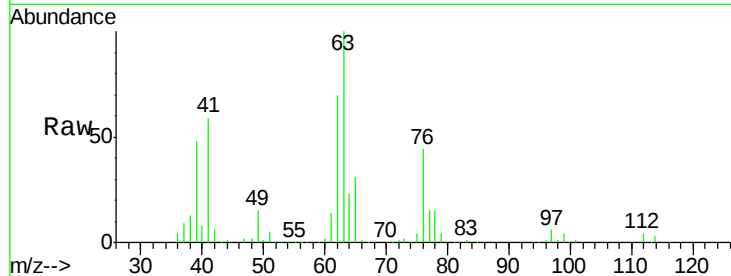
VX0702WBS01

Tot Ion: 63 Resp: 66770

Ion Ratio Lower Upper

63 100

65 31.0 24.7 37.1



#46

Dibromomethane

Concen: 19.98 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

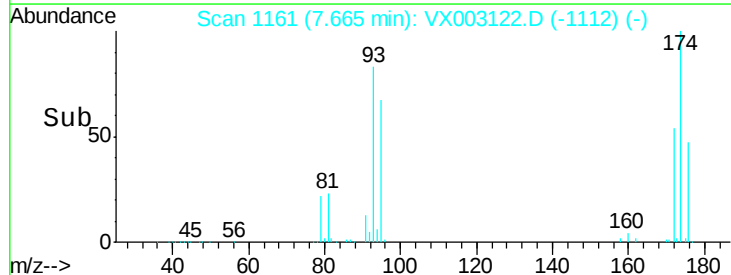
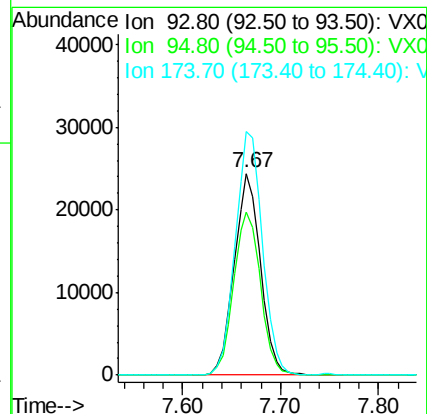
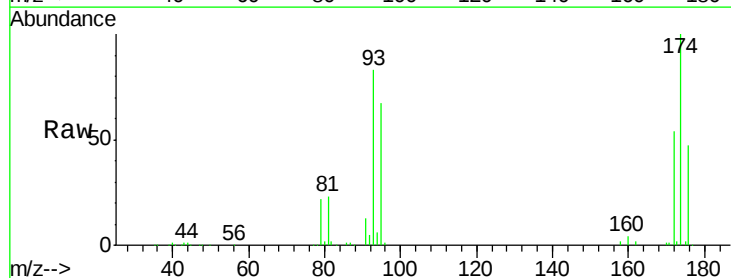
Tgt Ion: 93 Resp: 45478

Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 124.5 92.4 138.6





#47

Bromodichloromethane

Concen: 20.25 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

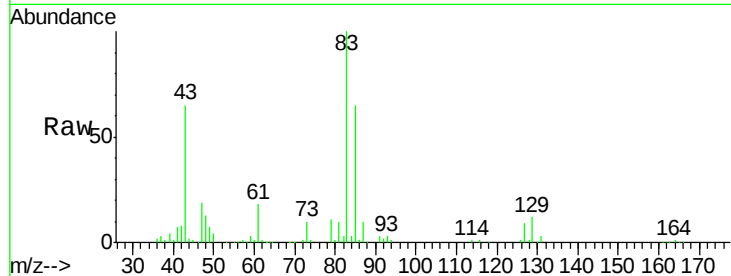
Tot Ion: 83 Resp: 85215

Ion Ratio Lower Upper

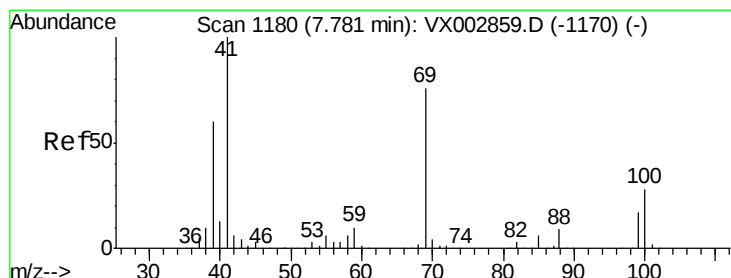
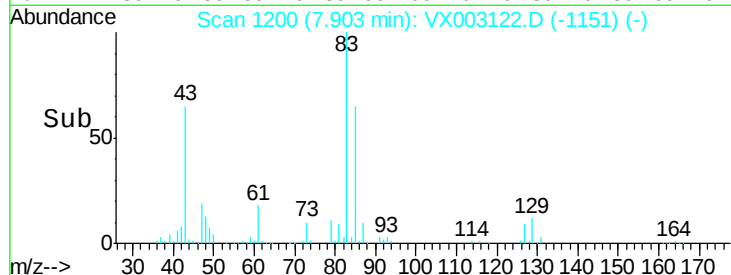
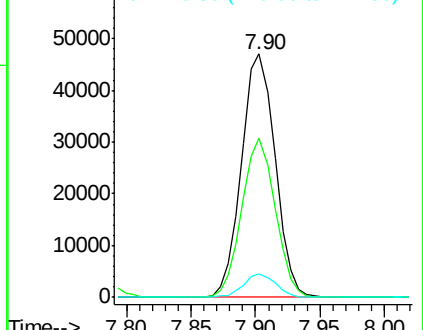
83 100

85 65.2 50.3 75.5

127 9.4 7.0 10.4



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: 19.10 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

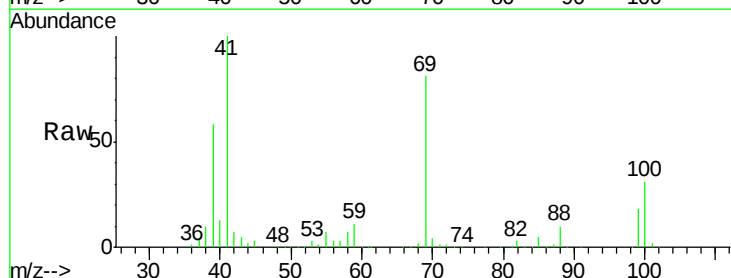
Tgt Ion: 41 Resp: 75632

Ion Ratio Lower Upper

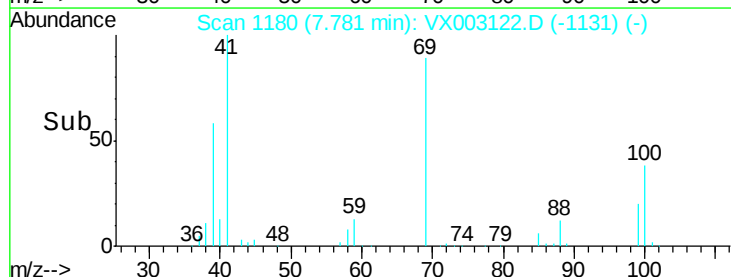
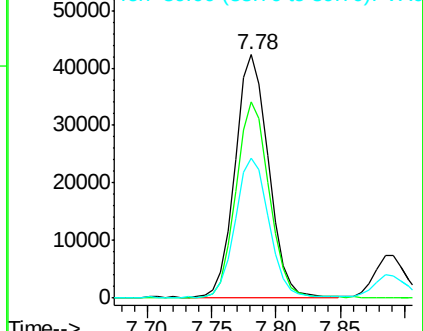
41 100

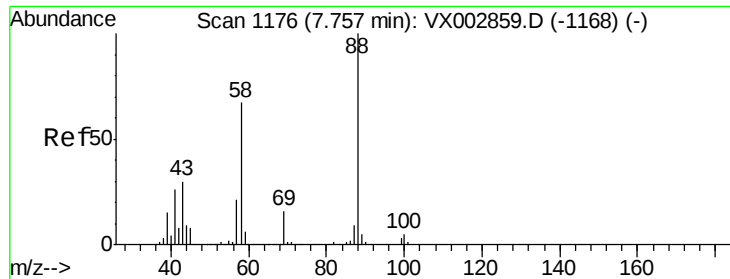
69 81.3 59.1 88.7

39 57.9 48.9 73.3



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

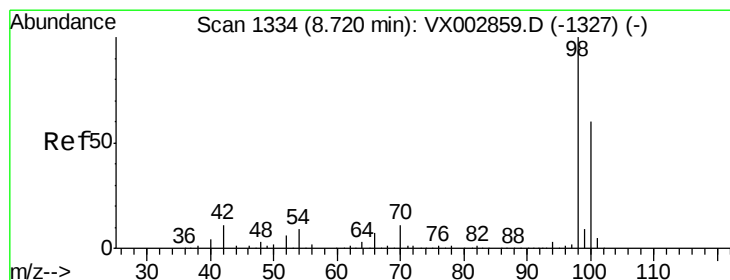
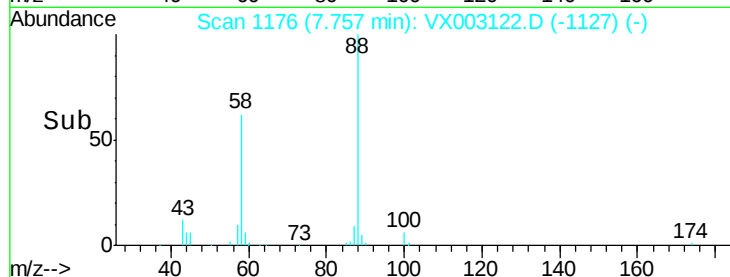
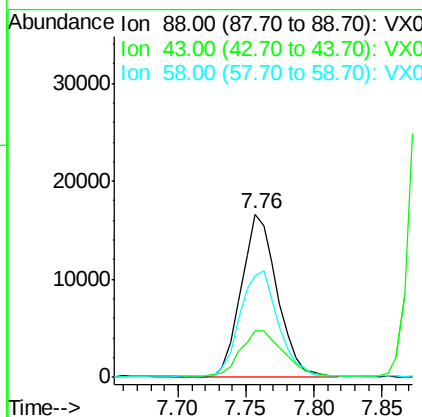
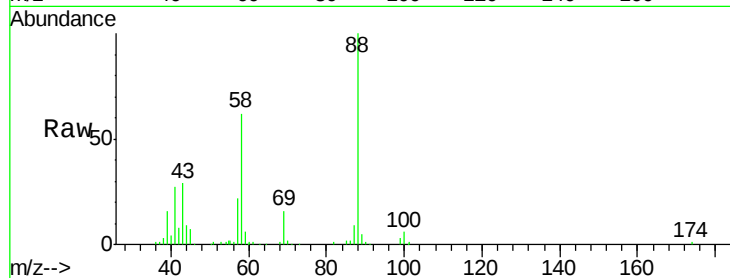




#49
1,4-Dioxane
Concen: 400.69 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

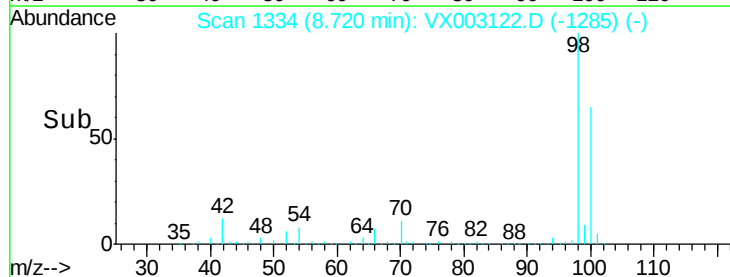
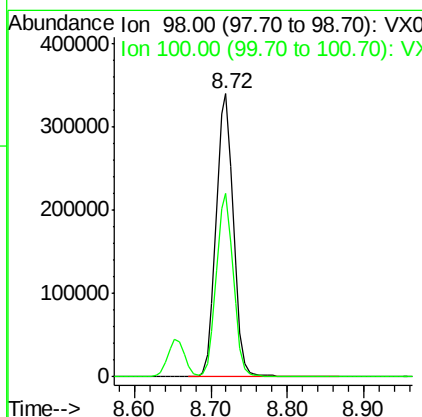
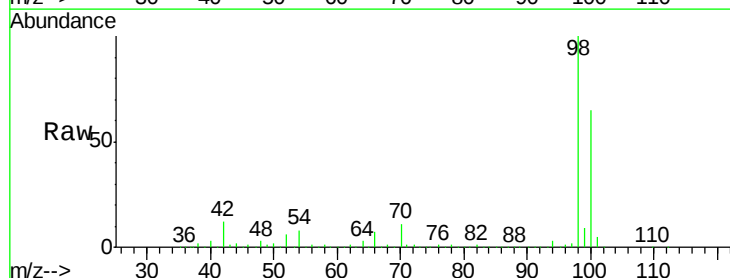
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

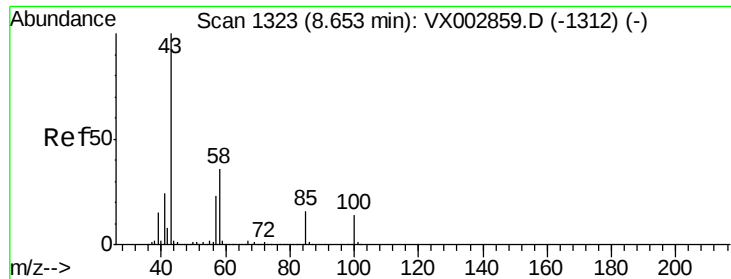
Tot Ion: 88 Resp: 30871
Ion Ratio Lower Upper
88 100
43 35.7 29.8 44.6
58 71.4 57.1 85.7



#50
Toluene-d8
Concen: 47.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion: 98 Resp: 530269
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 98.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

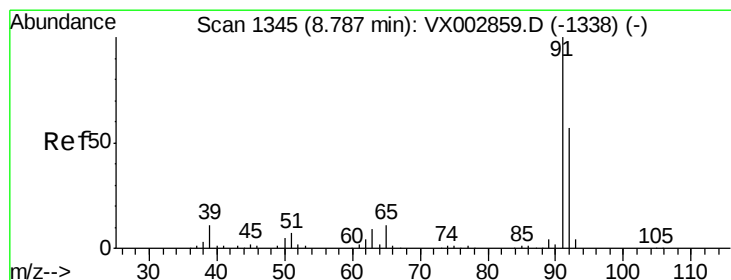
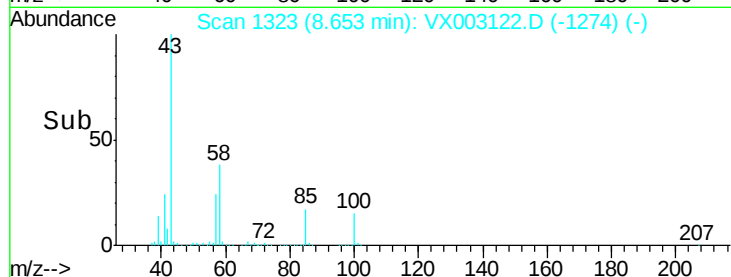
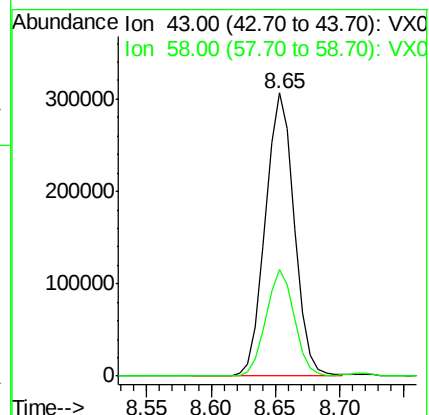
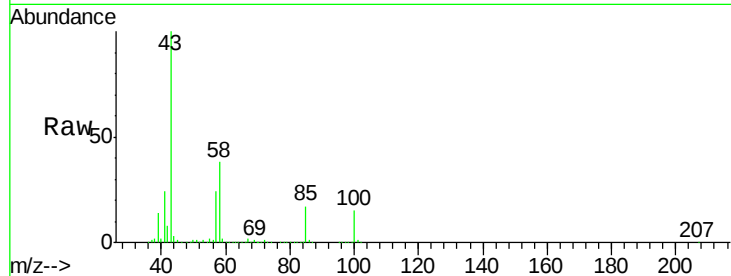
VX0702WBS01

Tot Ion: 43 Resp: 475649

Ion Ratio Lower Upper

43 100

58 37.0 28.6 42.8



#52

Toluene

Concen: 20.89 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003122.D

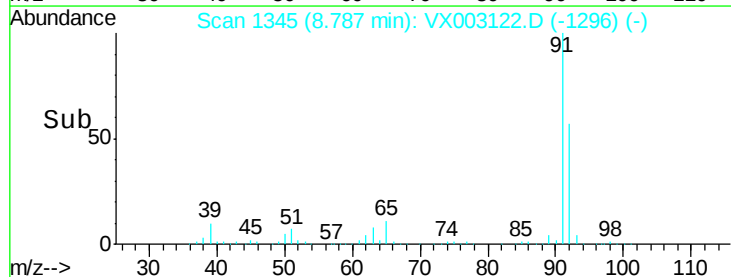
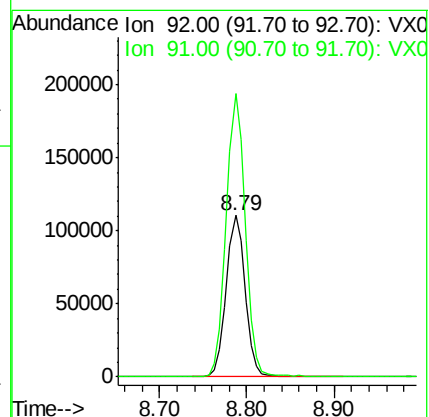
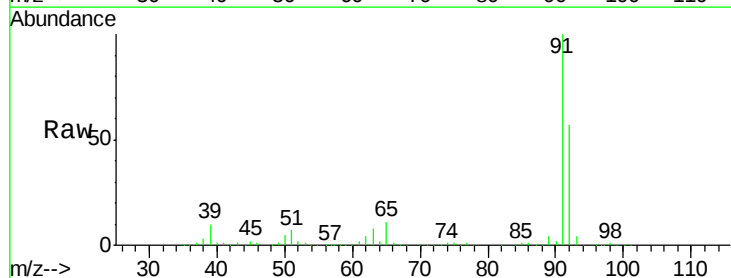
Acq: 02 Jul 2018 12:56

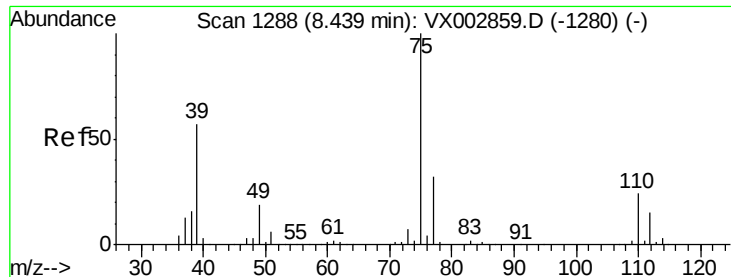
Tgt Ion: 92 Resp: 165522

Ion Ratio Lower Upper

92 100

91 177.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.73 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

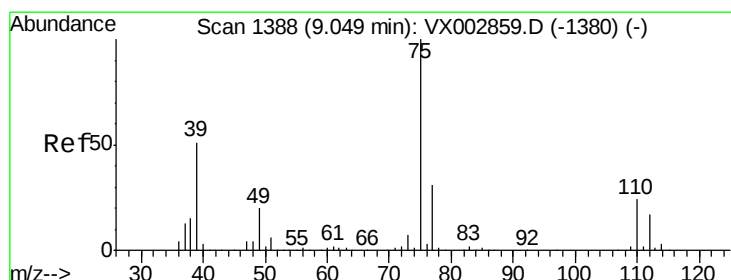
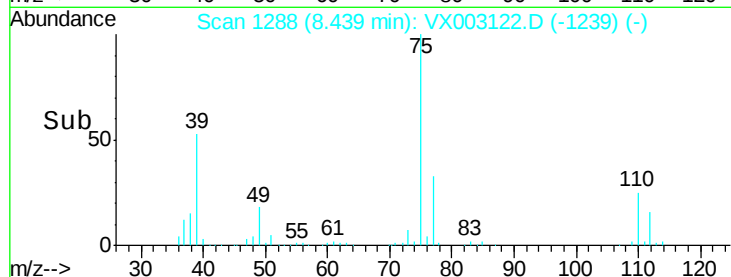
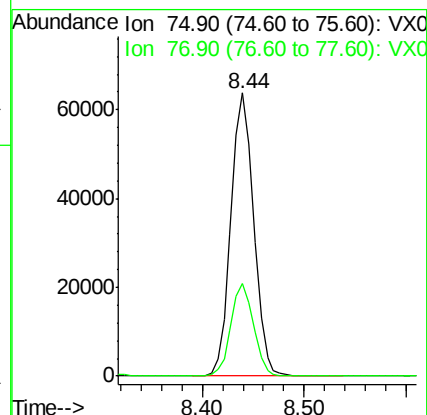
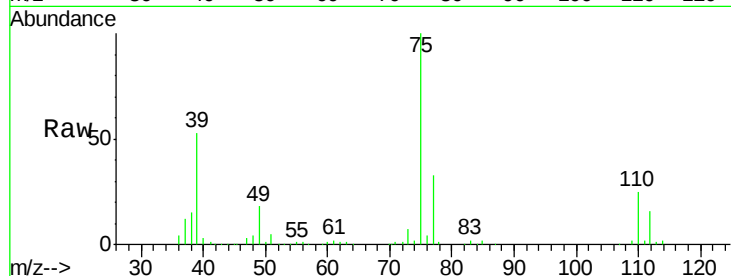
VX0702WBS01

Tot Ion: 75 Resp: 98812

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.09 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

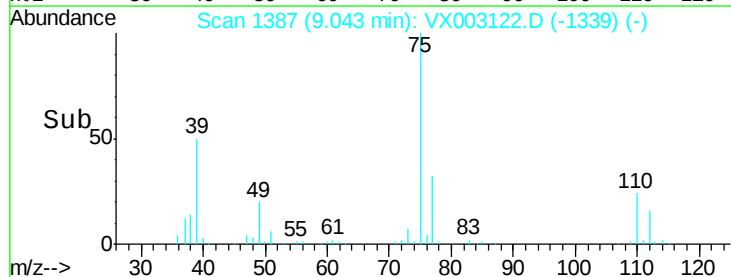
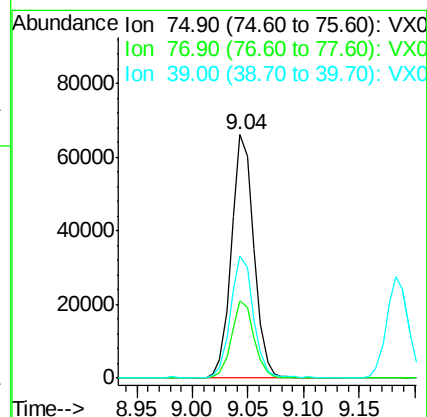
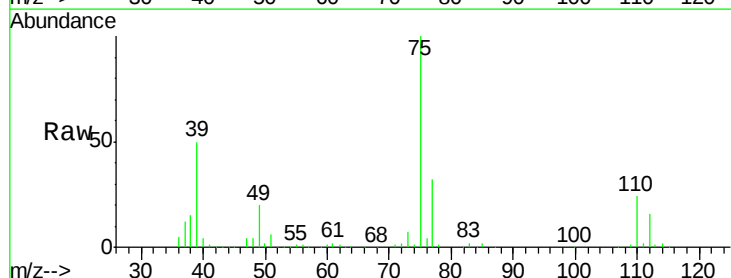
Tgt Ion: 75 Resp: 92145

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 50.0 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 20.69 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

Tot Ion: 97 Resp: 67344

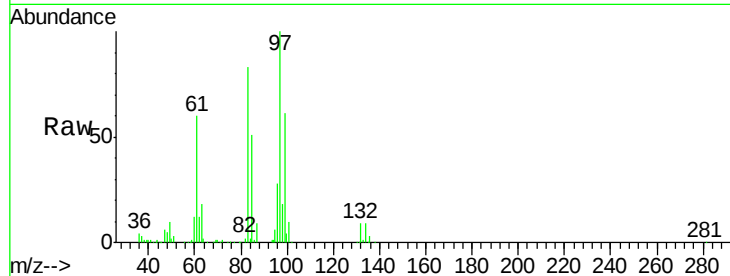
Ion Ratio Lower Upper

97 100

83 83.5 70.2 105.2

85 51.1 44.9 67.3

99 60.6 49.8 74.8

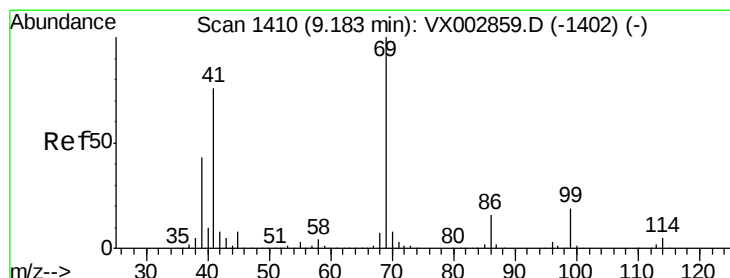
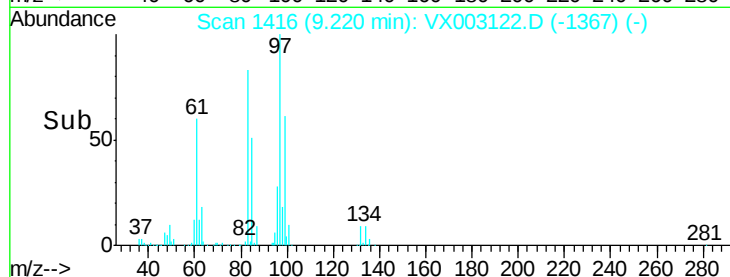
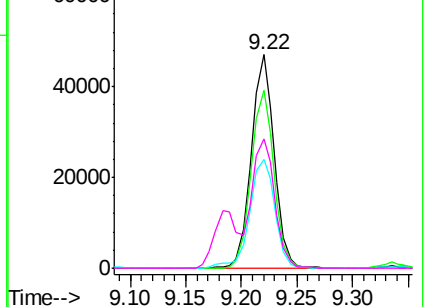


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.20 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

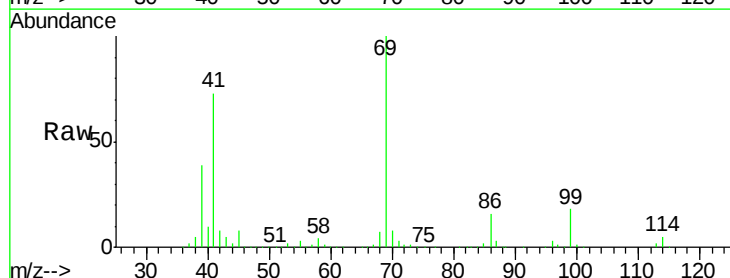
Tgt Ion: 69 Resp: 96118

Ion Ratio Lower Upper

69 100

41 71.0 60.3 90.5

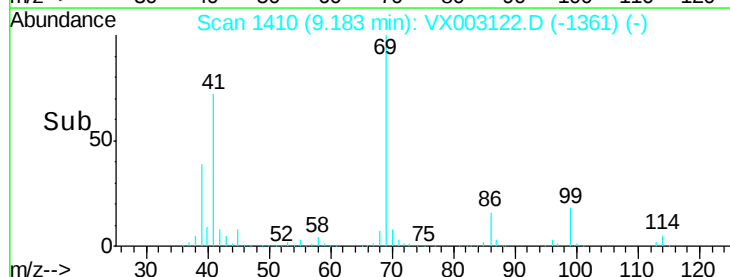
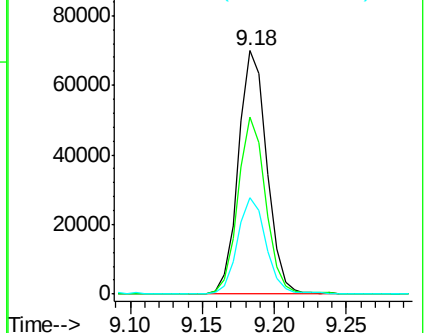
39 39.3 35.8 53.8

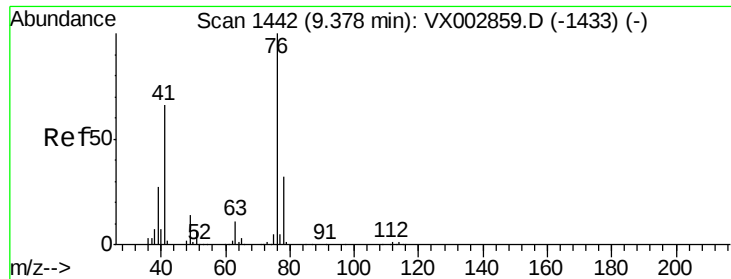


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

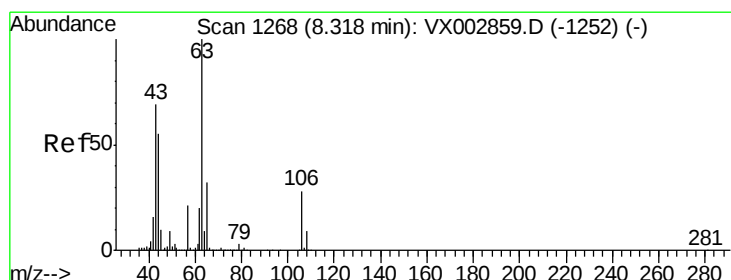
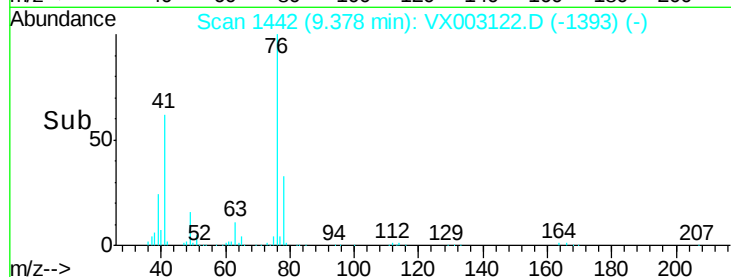
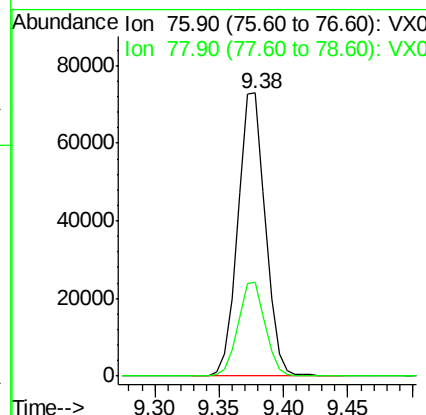
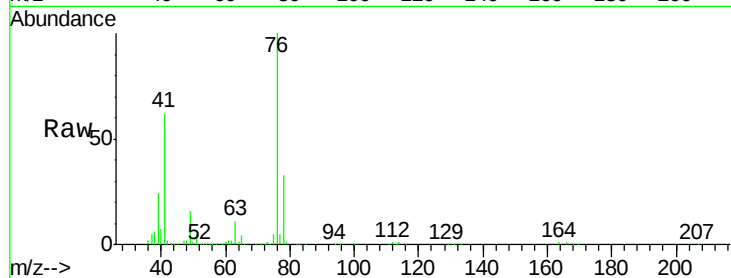




#57
 1,3-Dichloropropane
 Concen: 20.29 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

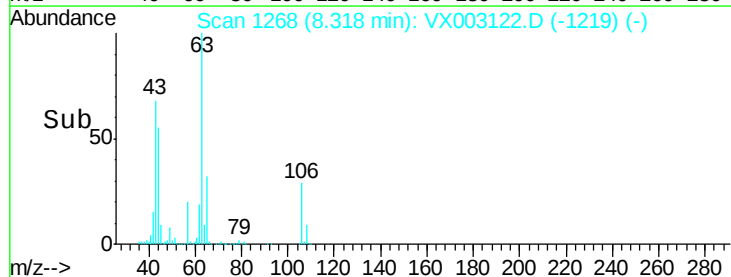
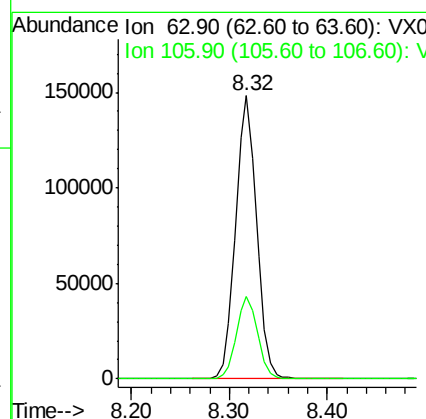
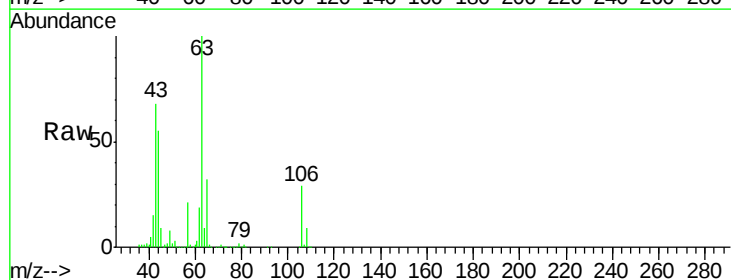
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Tot Ion: 76 Resp: 108490
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.50 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Tgt Ion: 63 Resp: 221491
 Ion Ratio Lower Upper
 63 100
 106 29.1 21.8 32.8

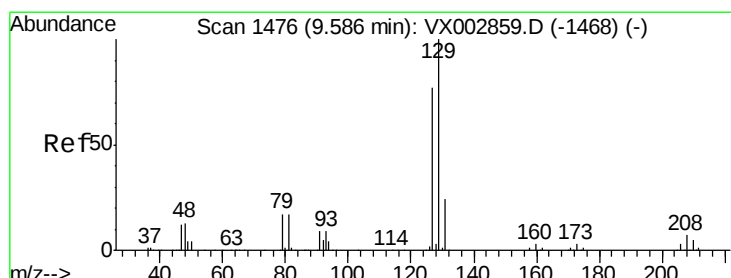
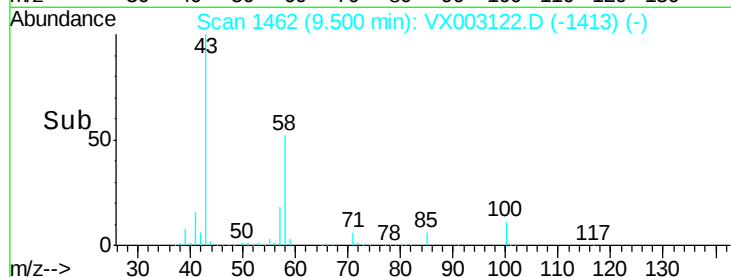
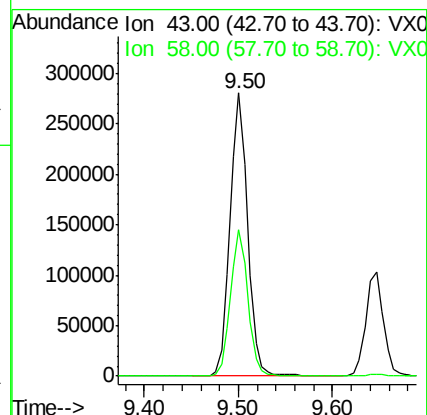
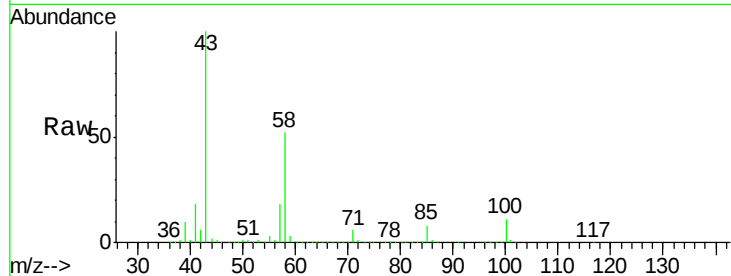




#59
2-Hexanone
Concen: 99.90 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

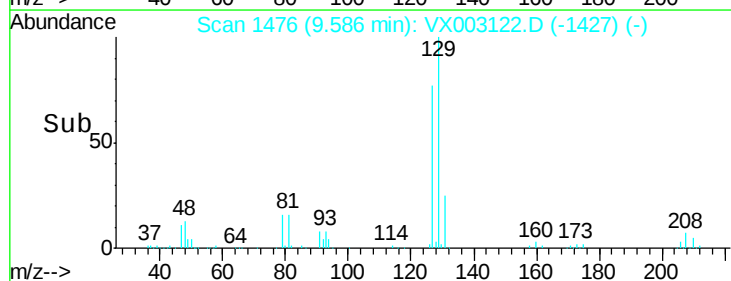
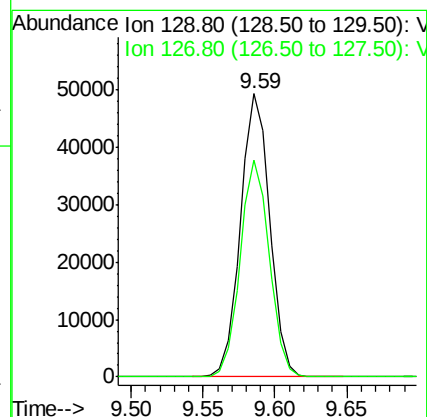
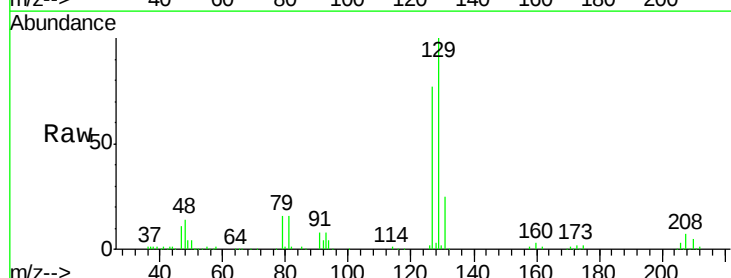
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

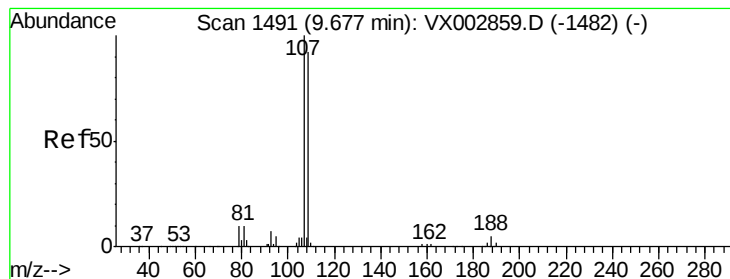
Tot Ion: 43 Resp: 365076
Ion Ratio Lower Upper
43 100
58 51.4 24.6 73.6



#60
Dibromochloromethane
Concen: 20.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion: 129 Resp: 69863
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.70 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

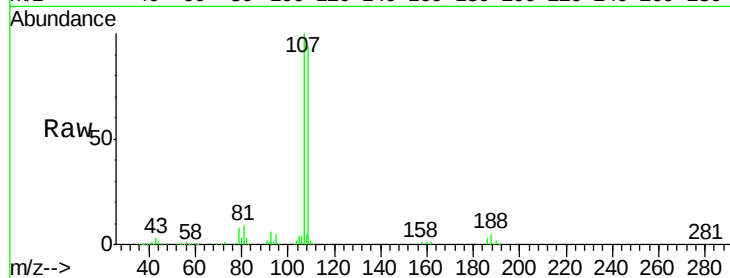
VX0702WBS01

Tot Ion:107 Resp: 70677

Ion Ratio Lower Upper

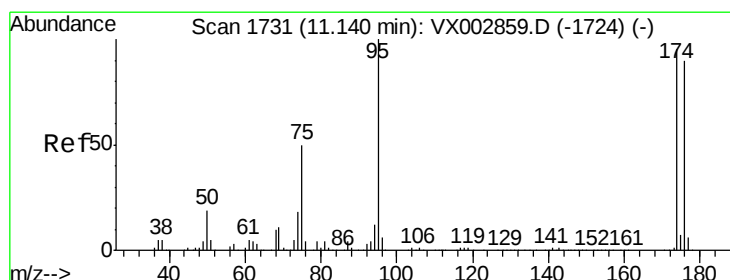
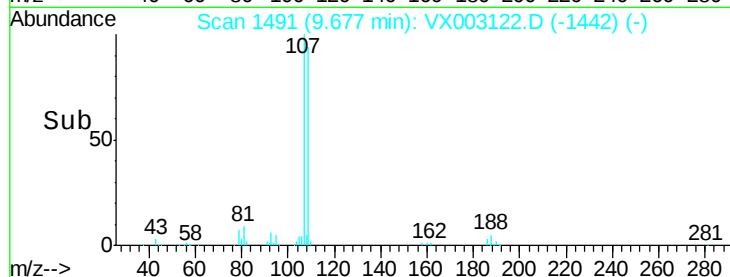
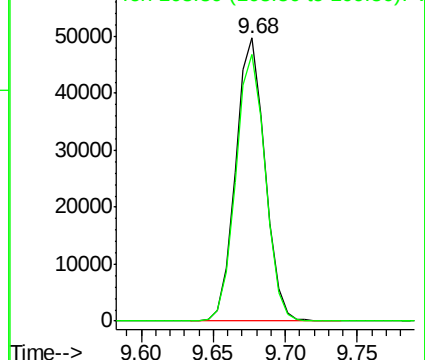
107 100

109 94.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

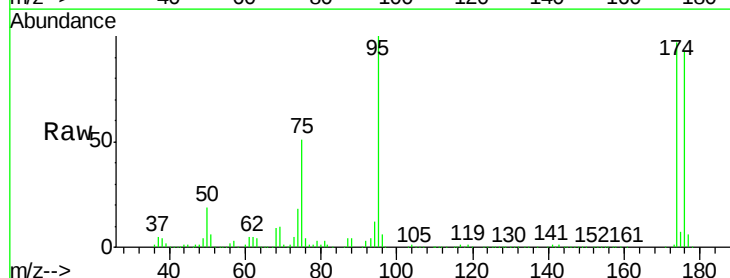
Tgt Ion: 95 Resp: 201511

Ion Ratio Lower Upper

95 100

174 98.2 0.0 187.4

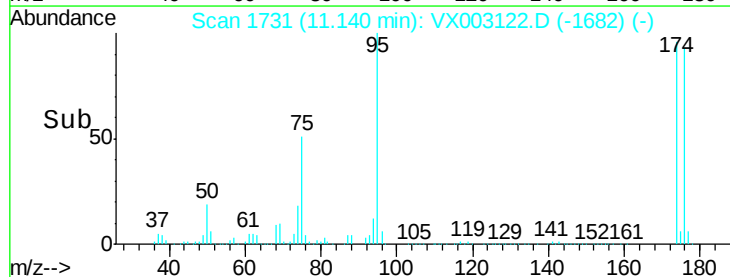
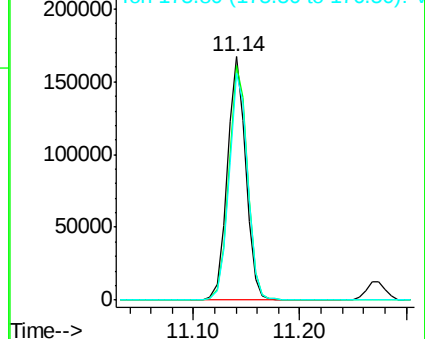
176 95.1 0.0 181.0

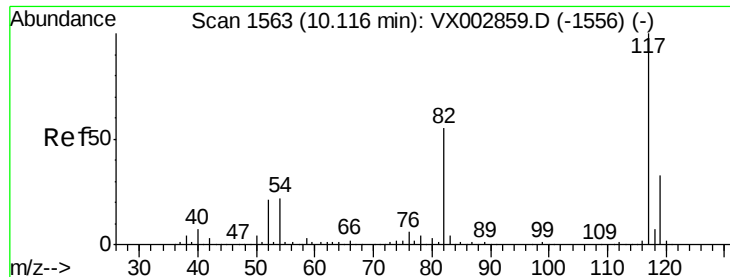


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

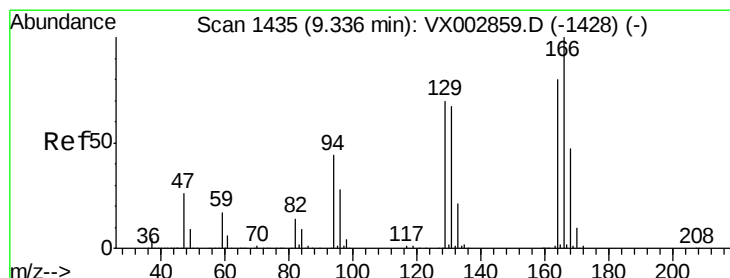
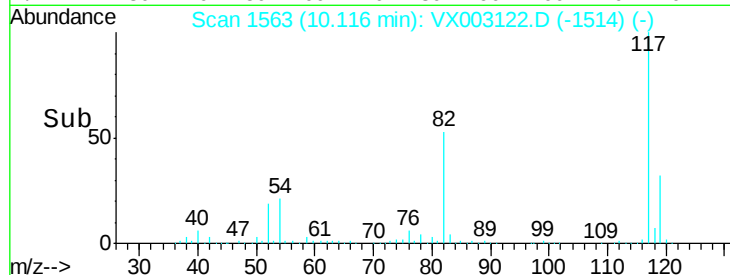
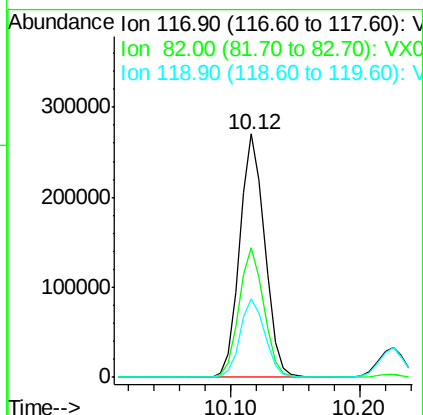
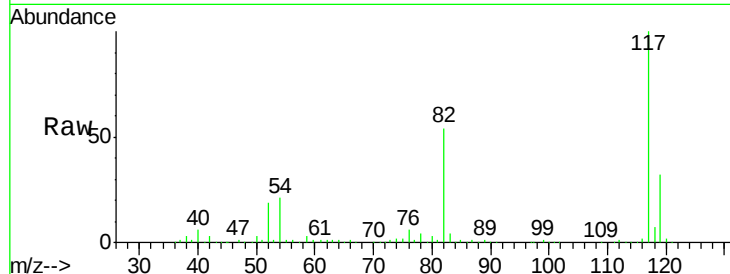




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

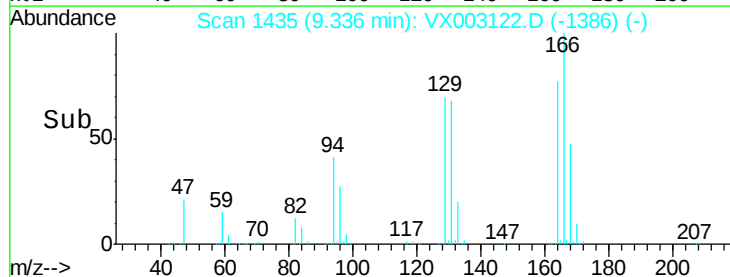
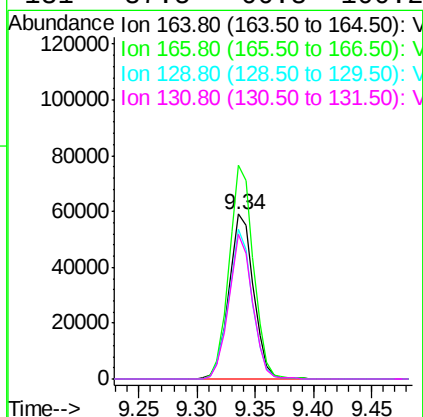
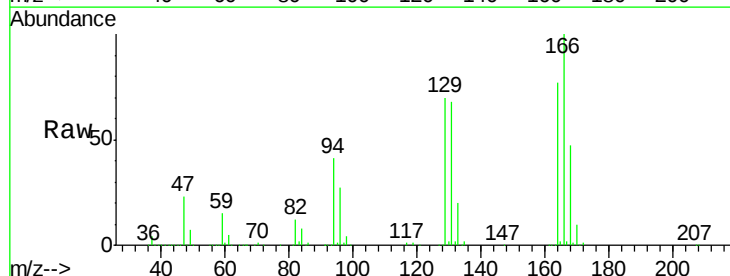
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBS01

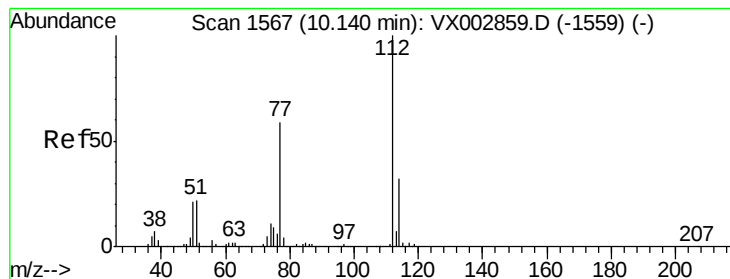
Tot Ion:117 Resp: 363030
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 21.53 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion:164 Resp: 86894
Ion Ratio Lower Upper
164 100
166 129.6 102.9 154.3
129 90.7 68.6 102.8
131 87.5 66.8 100.2





#65

Chlorobenzene

Concen: 20.85 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

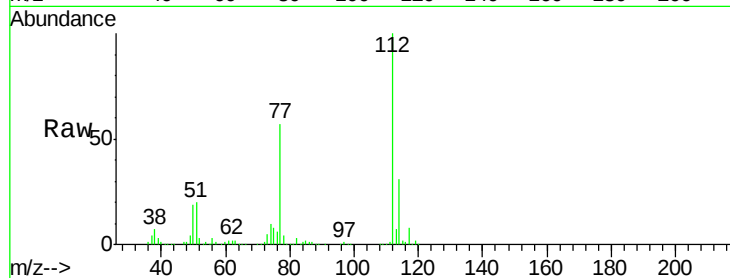
VX0702WBS01

Tot Ion:112 Resp: 192251

Ion Ratio Lower Upper

112 100

114 30.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

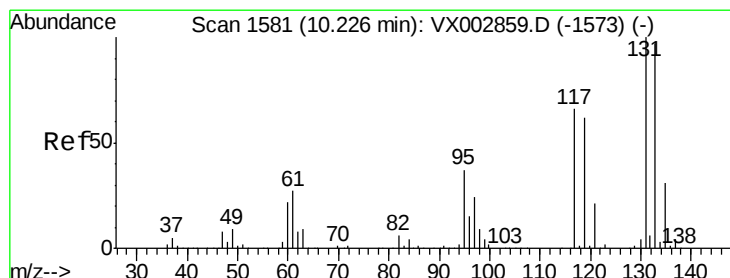
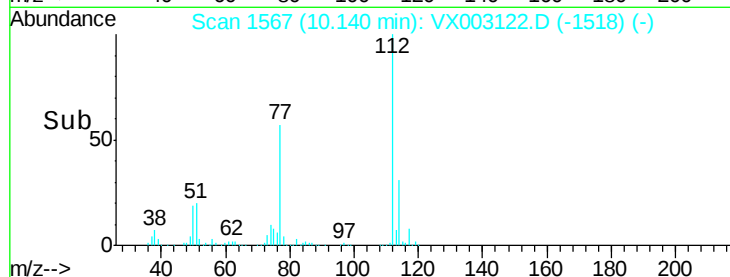
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.72 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

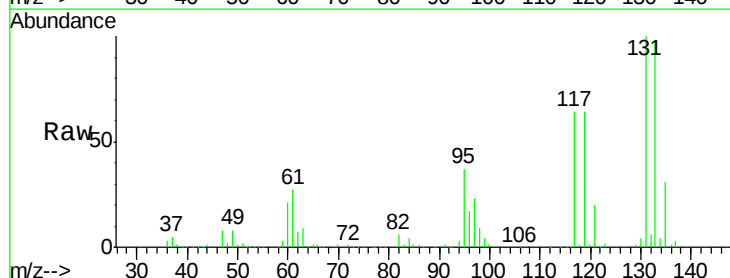
Tgt Ion:131 Resp: 69399

Ion Ratio Lower Upper

131 100

133 96.8 47.9 143.6

119 63.1 31.8 95.3



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

10.23

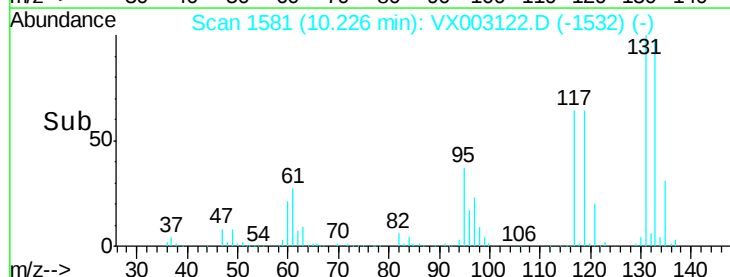
60000

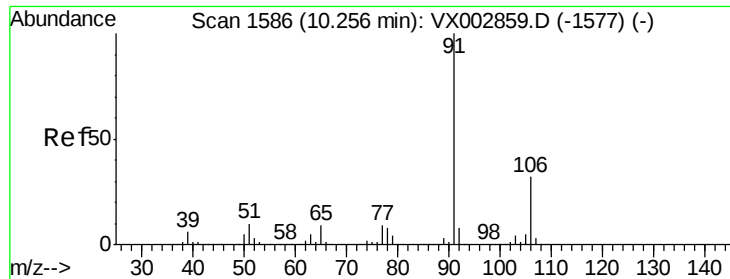
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 21.12 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

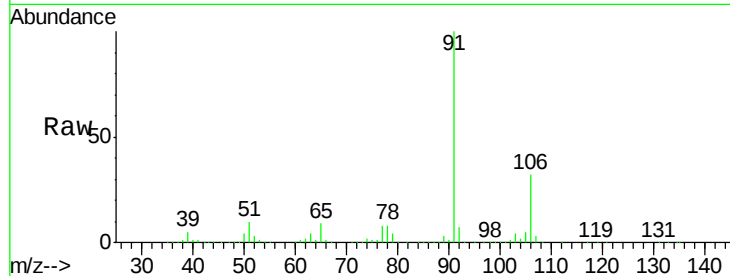
VX0702WBS01

Tot Ion: 91 Resp: 321641

Ion Ratio Lower Upper

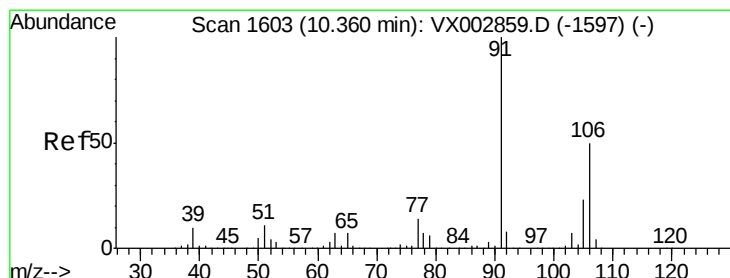
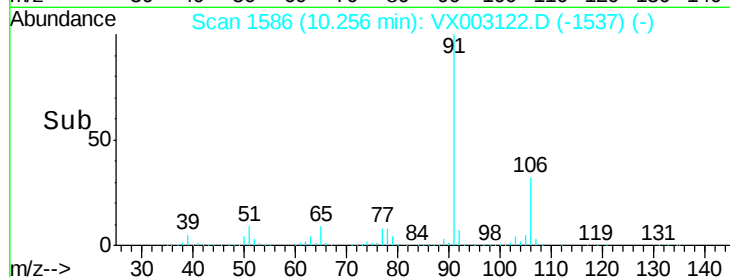
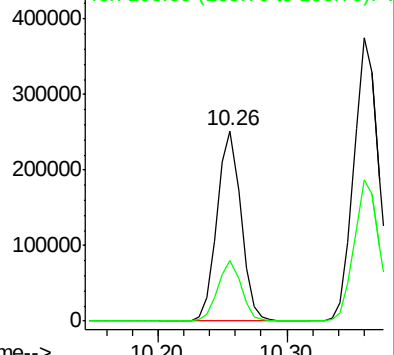
91 100

106 32.0 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.79 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003122.D

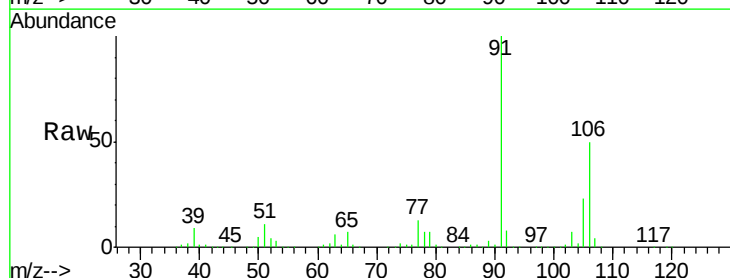
Acq: 02 Jul 2018 12:56

Tgt Ion:106 Resp: 251176

Ion Ratio Lower Upper

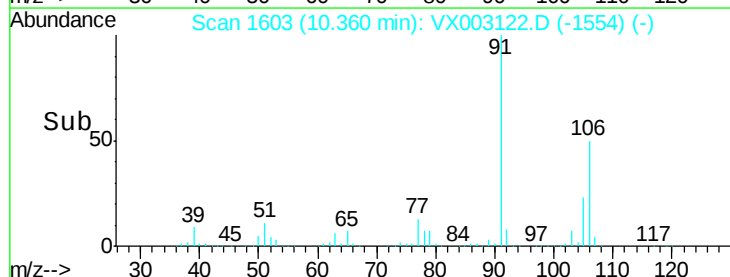
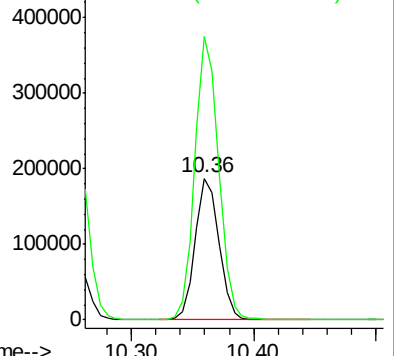
106 100

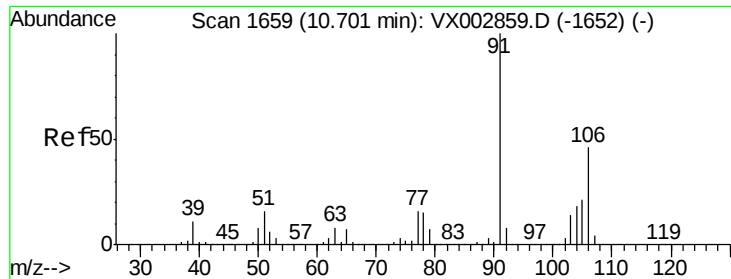
91 201.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

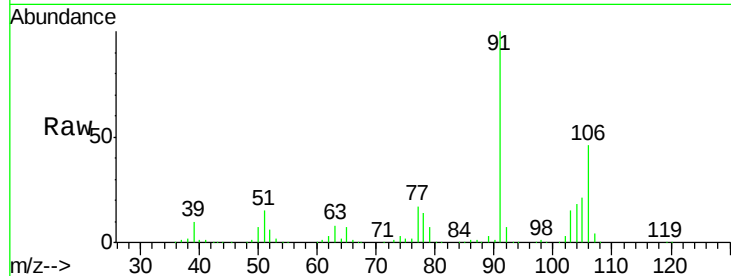




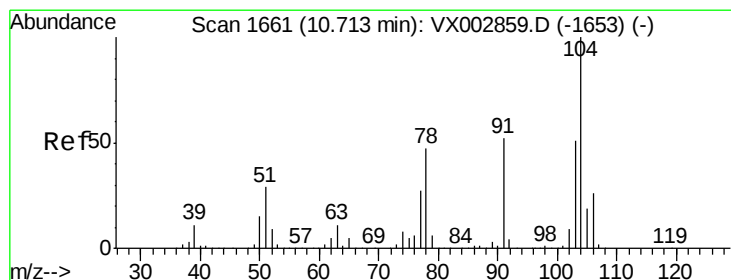
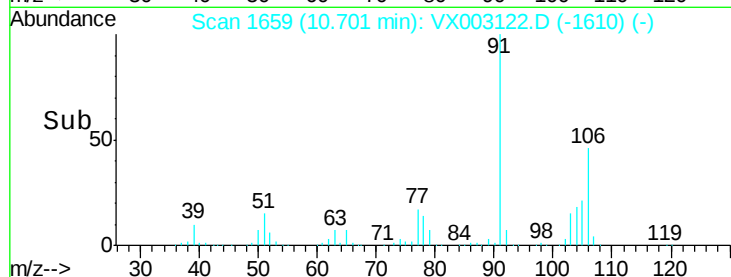
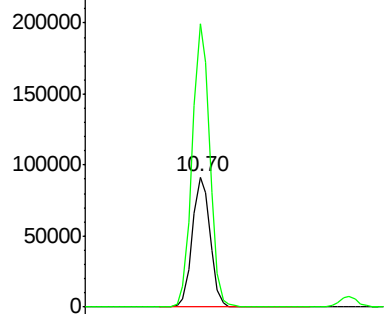
#69
o-Xylene
Concen: 21.12 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Instrument :
MSVOA_X
ClientSampled :
VX0702WBS01

Tot Ion:106 Resp: 120733
Ion Ratio Lower Upper
106 100
91 213.9 108.2 324.6

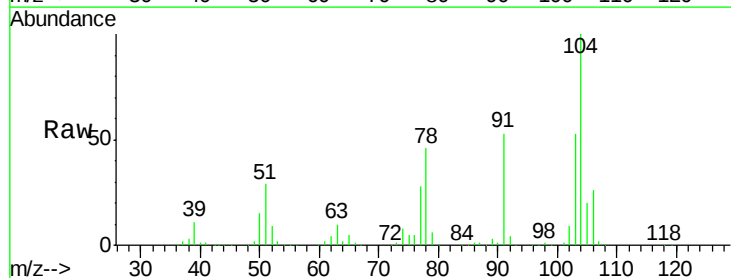


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

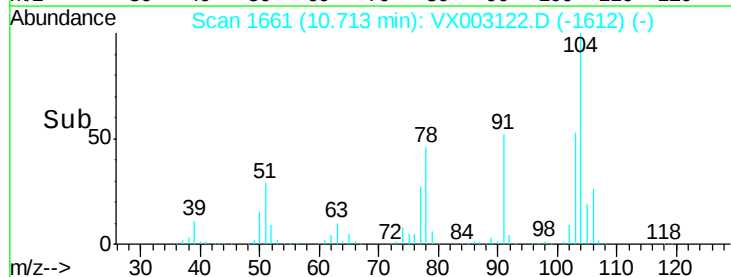
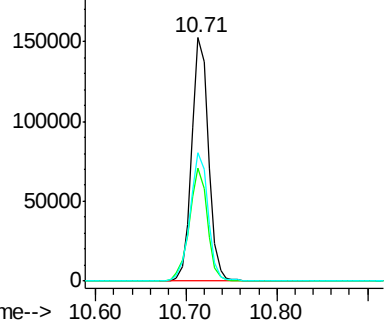


#70
Styrene
Concen: 21.35 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion:104 Resp: 198283
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 56.9 44.2 66.4



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

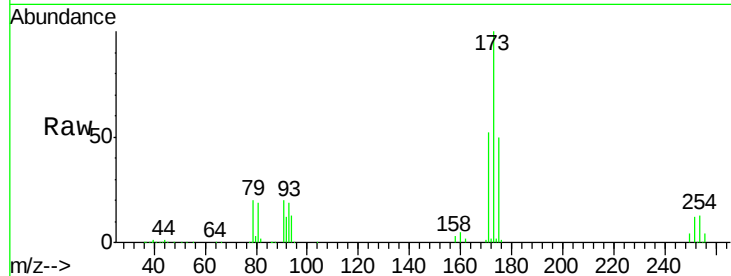




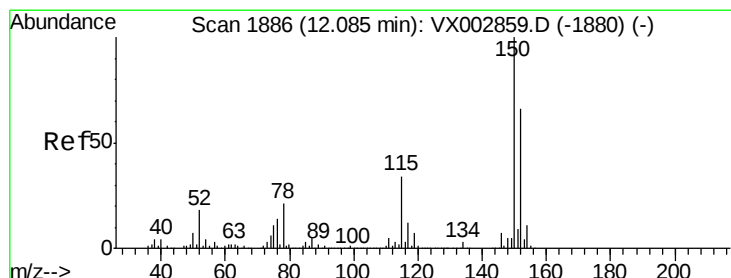
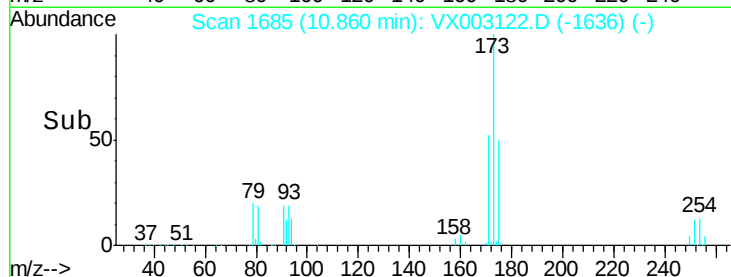
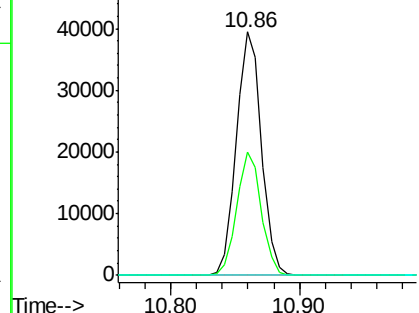
#71
Bromoform
Concen: 20.26 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Instrument :
MSVOA_X
ClientSampled :
VX0702WBS01

Tot Ion:173 Resp: 53696
Ion Ratio Lower Upper
173 100
175 49.4 24.7 74.1
254 0.1 0.2 0.2#

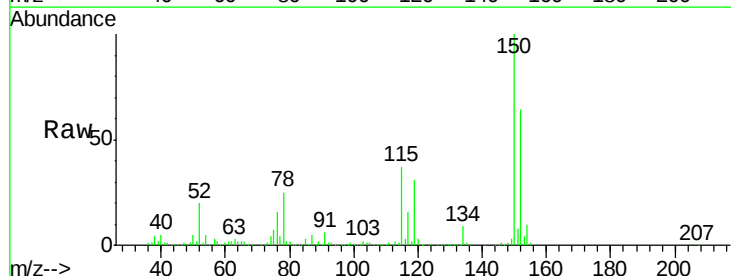


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

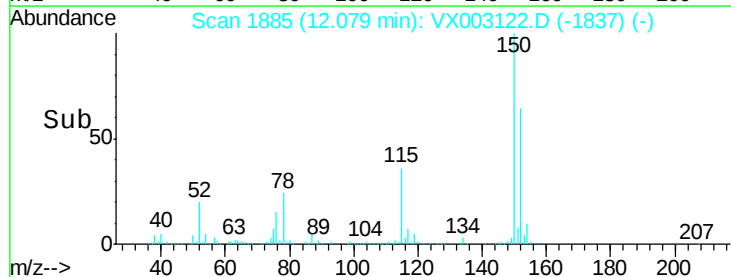
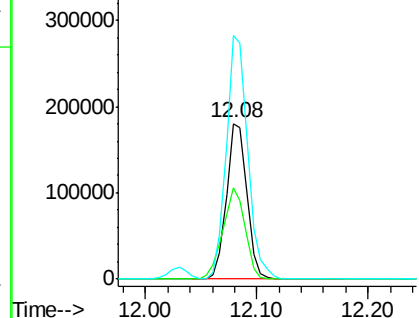


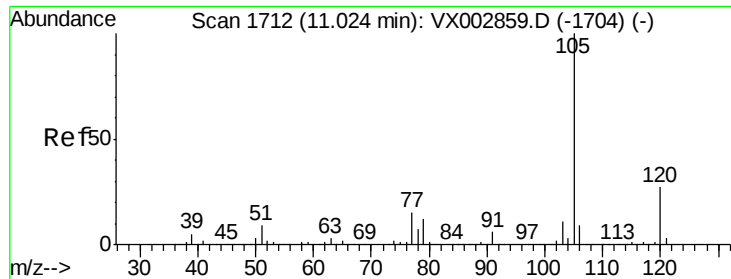
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion:152 Resp: 227960
Ion Ratio Lower Upper
152 100
115 64.1 40.1 120.2
150 164.8 0.0 347.2



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: 21.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

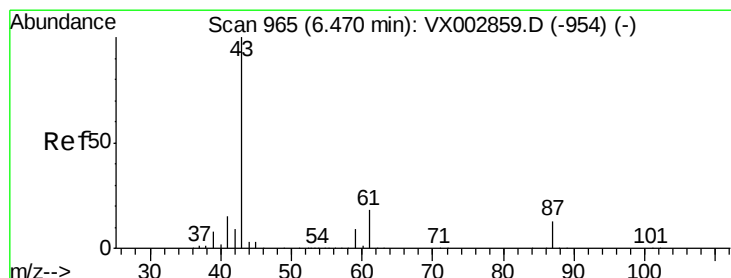
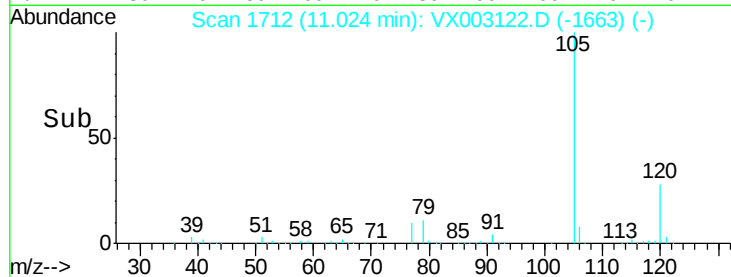
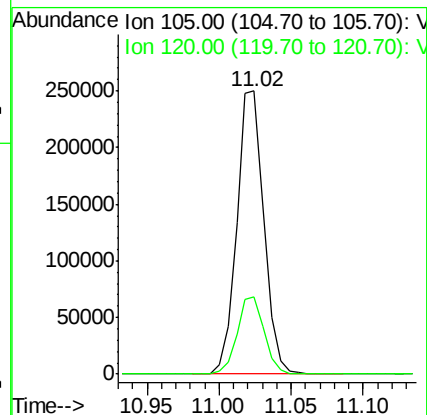
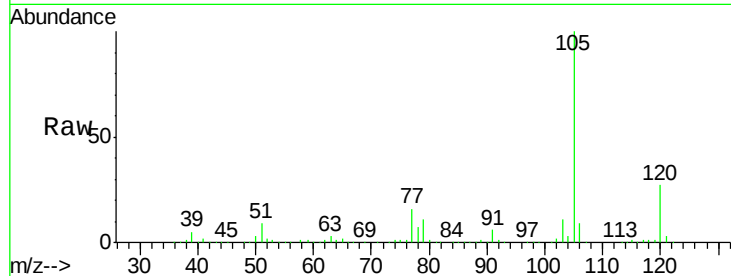
VX0702WBS01

Tot Ion:105 Resp: 328604

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 19.90 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Tgt Ion: 43 Resp: 149315

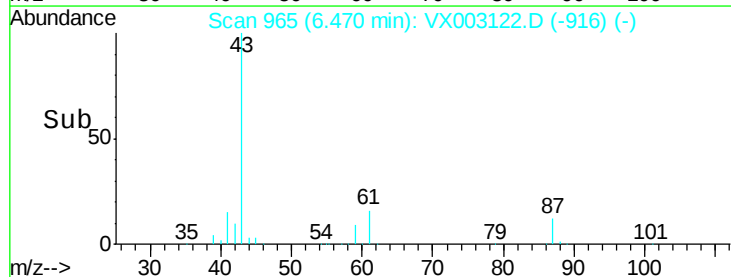
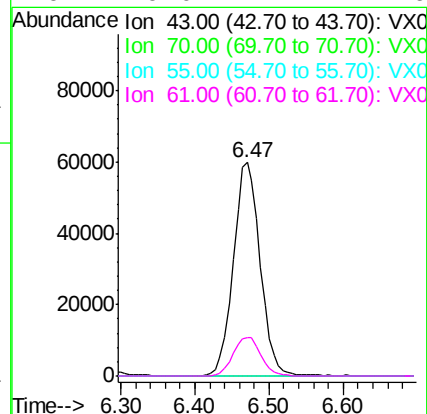
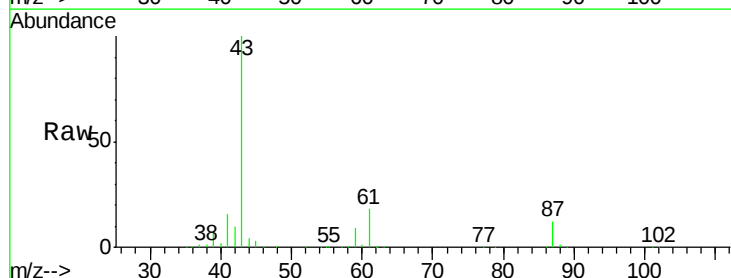
Ion Ratio Lower Upper

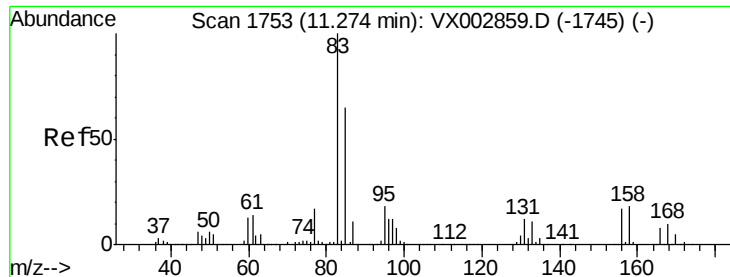
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 19.0 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.72 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

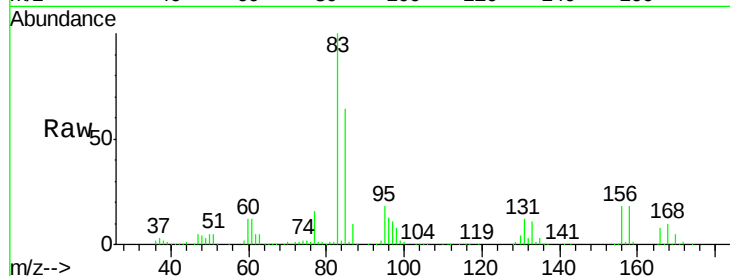
Tot Ion: 83 Resp: 97869

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.6	16.8
85	64.5	32.4	97.2

83 100

131 11.2 5.6 16.8

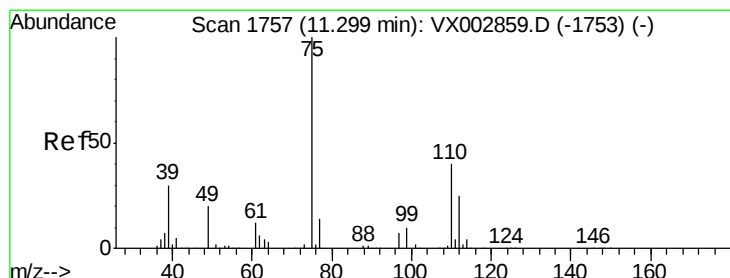
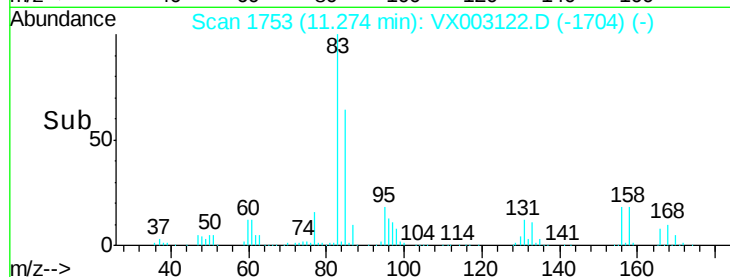
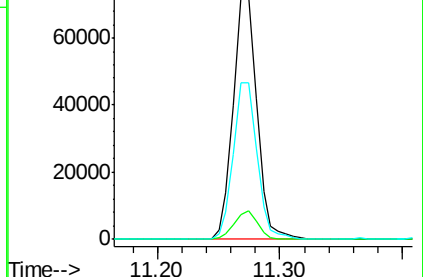
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.12 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003122.D

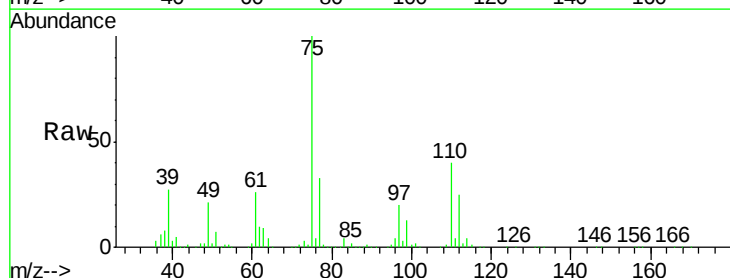
Acq: 02 Jul 2018 12:56

Tgt Ion: 75 Resp: 107864

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.8	68.3

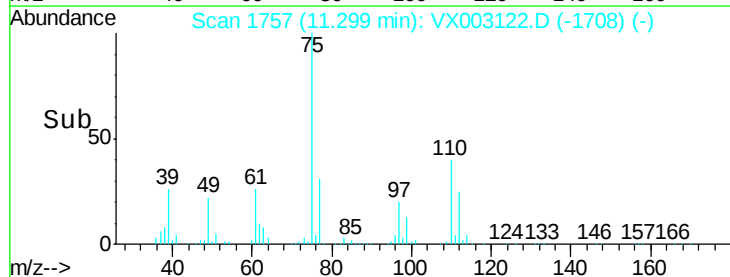
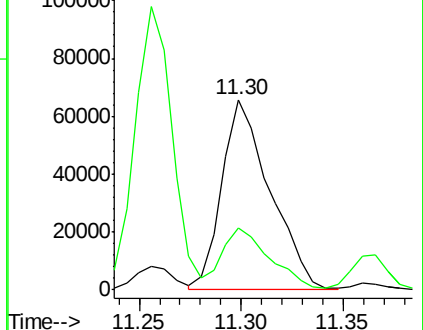
75 100

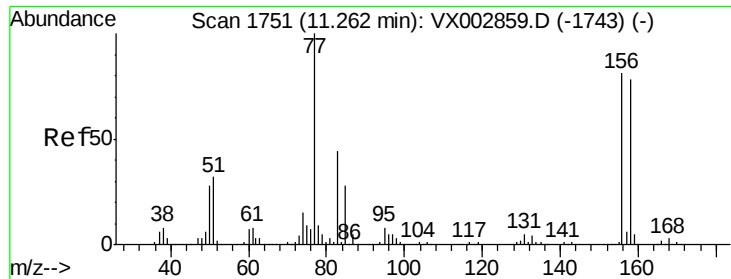
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.00 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

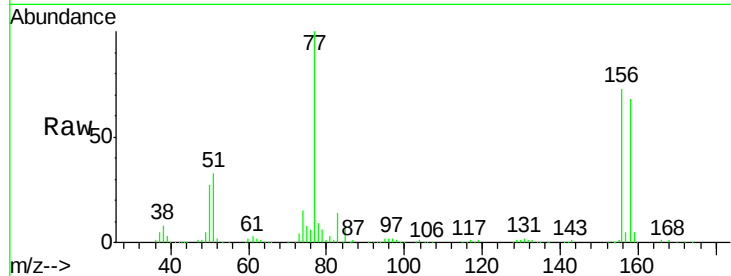
Tot Ion:156 Resp: 91716

Ion Ratio Lower Upper

156 100

77 135.6 71.4 214.2

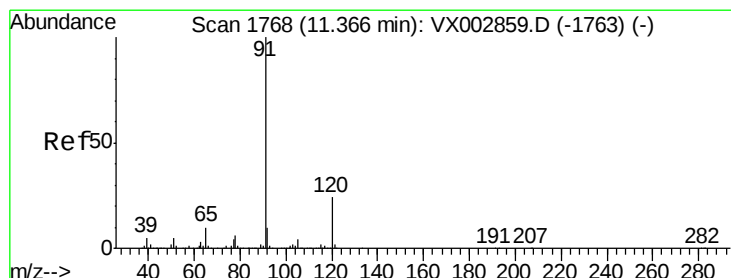
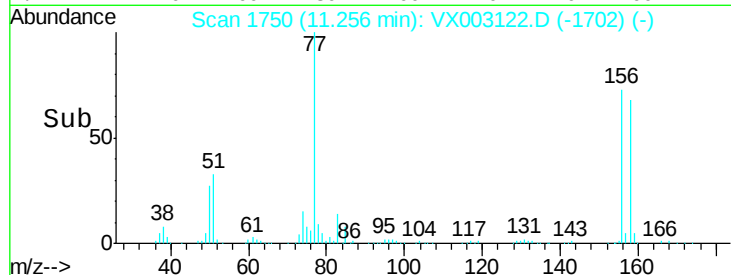
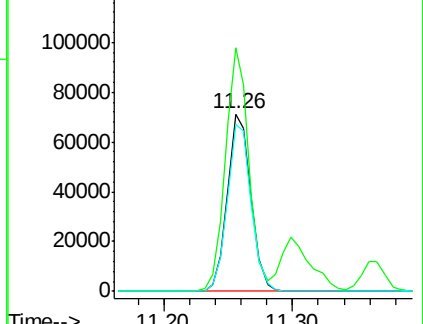
158 95.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.35 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003122.D

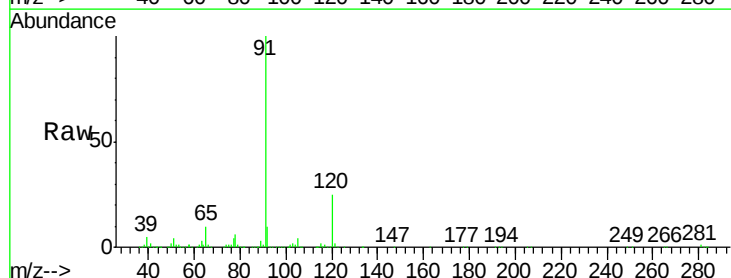
Acq: 02 Jul 2018 12:56

Tgt Ion: 91 Resp: 372698

Ion Ratio Lower Upper

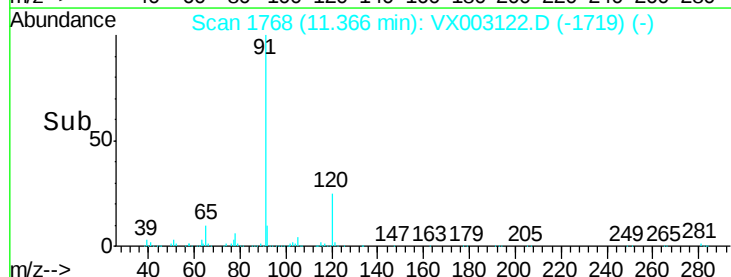
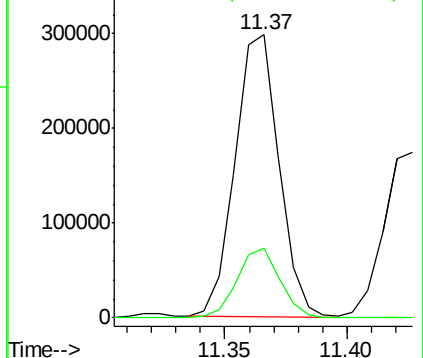
91 100

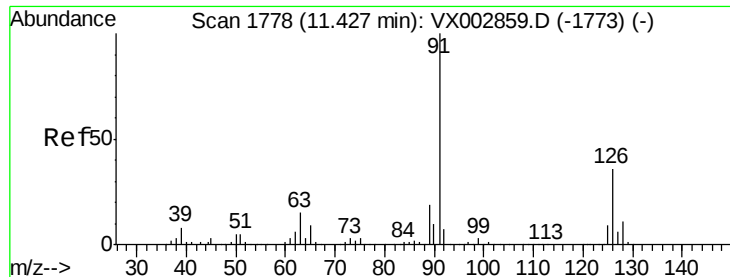
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

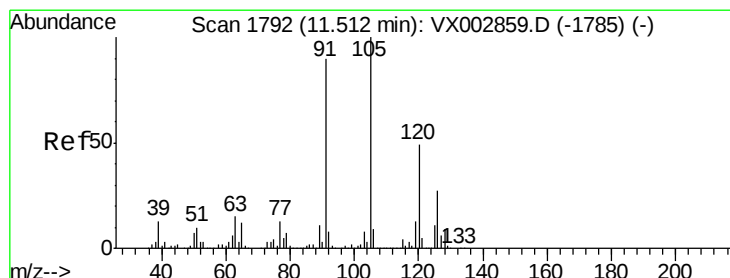
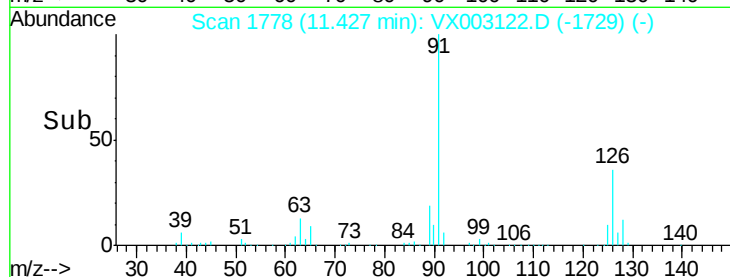
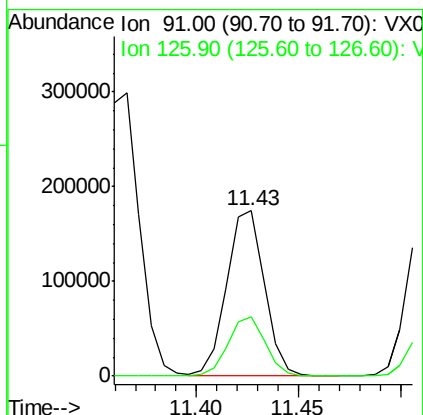
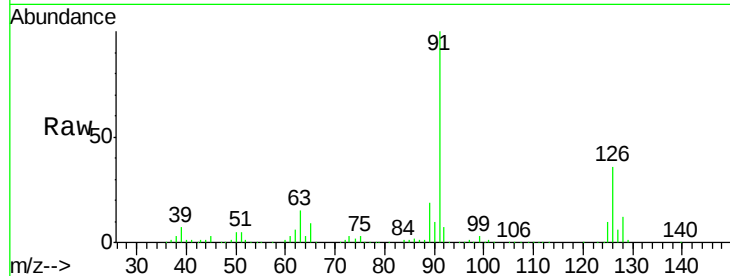




#79
 2-Chlorotoluene
 Concen: 20.99 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

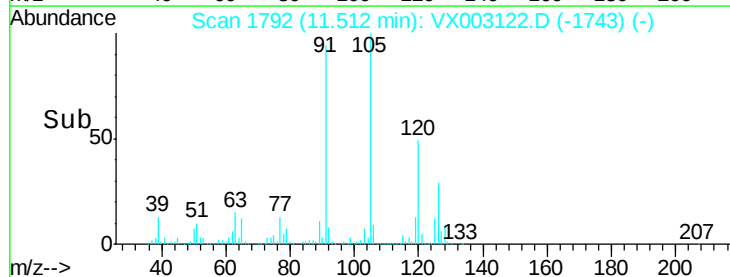
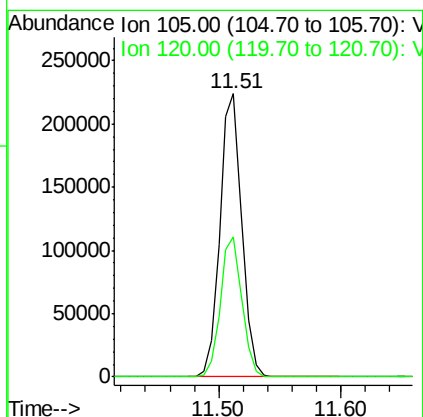
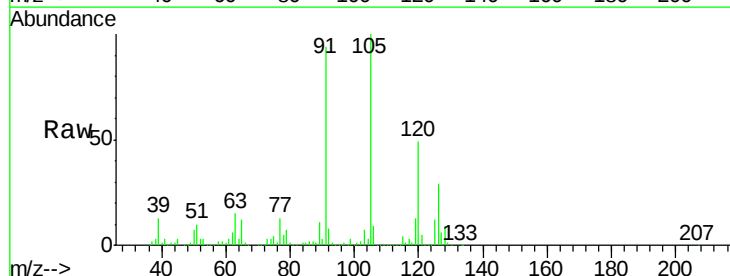
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Tot Ion: 91 Resp: 221776
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.44 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Tgt Ion: 105 Resp: 276934
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4

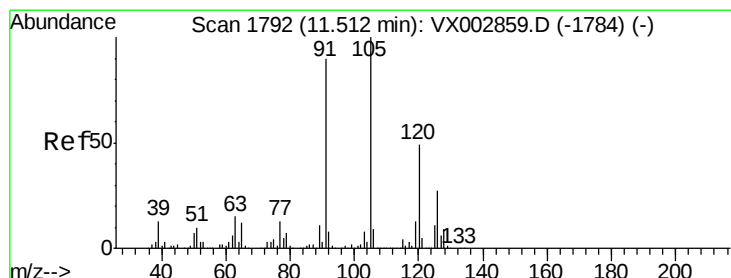
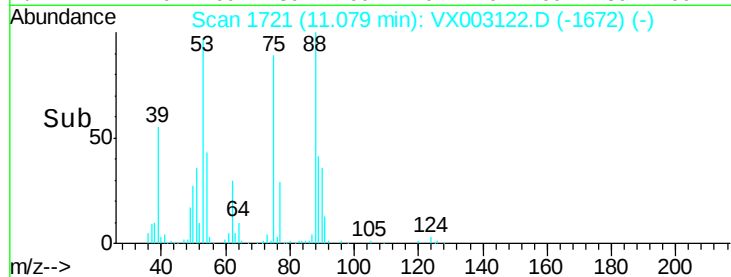
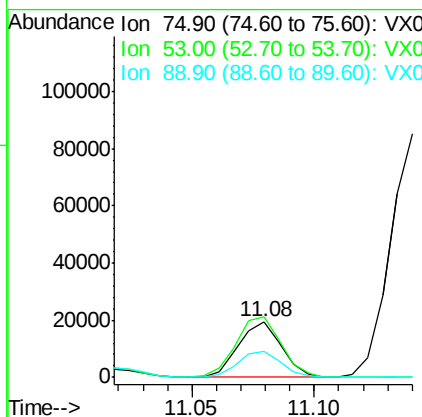
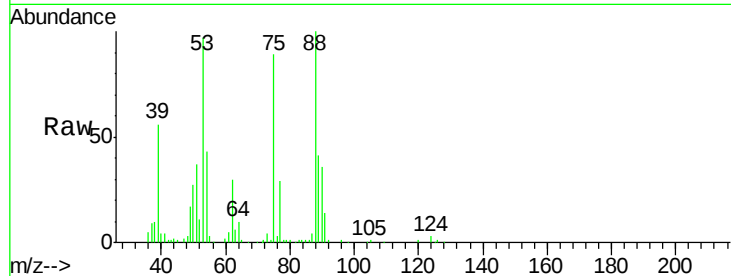




#81
trans-1,4-Dichloro-2-butene
Concen: 19.02 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

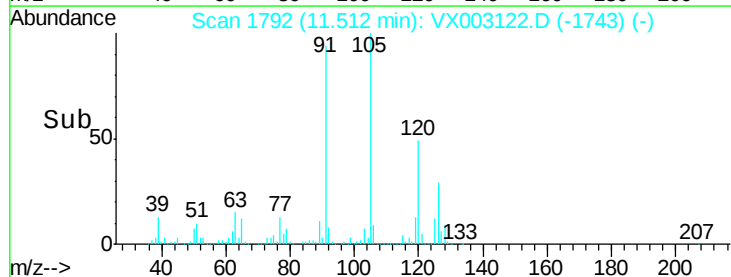
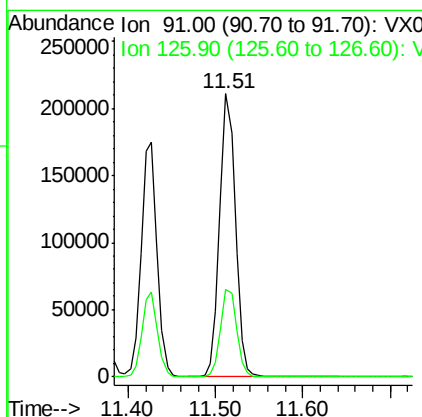
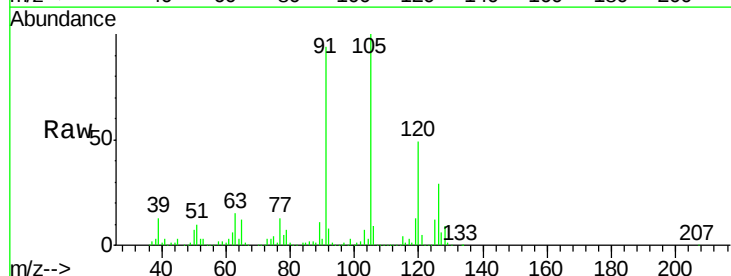
Instrument :
MSVOA_X
ClientSampled :
VX0702WBS01

Tot Ion: 75 Resp: 23887
Ion Ratio Lower Upper
75 100
53 113.8 86.8 130.2
89 47.2 38.2 57.2



#82
4-Chlorotoluene
Concen: 21.00 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion: 91 Resp: 262748
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.4

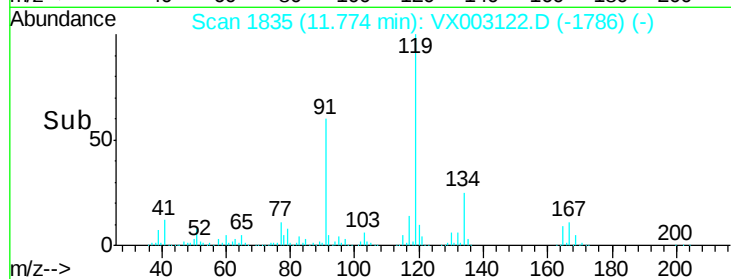
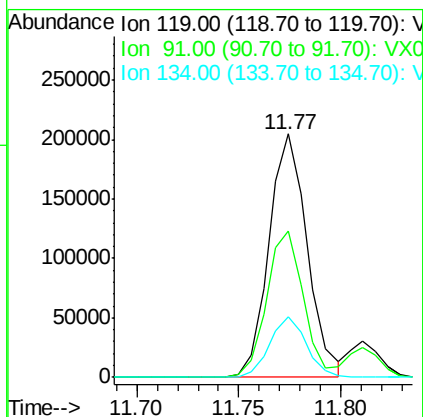
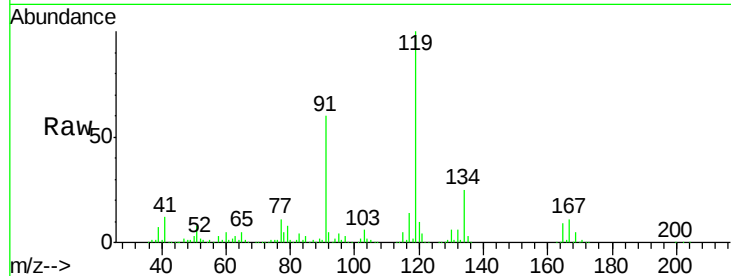




#83
 tert-Butylbenzene
 Concen: 21.04 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

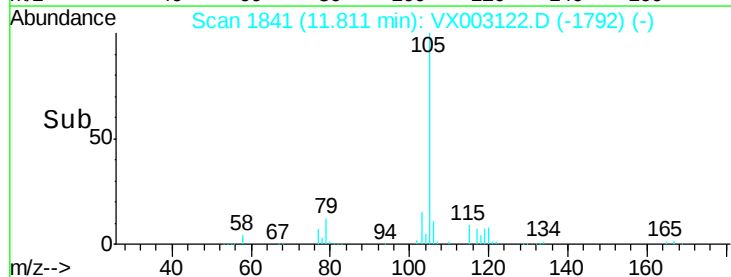
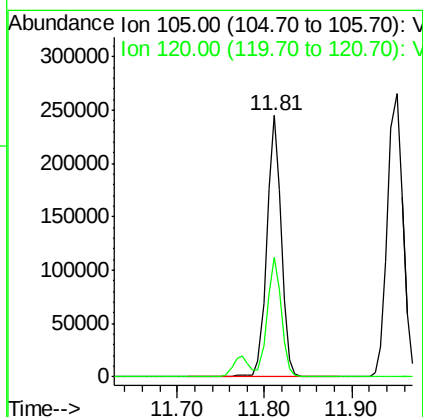
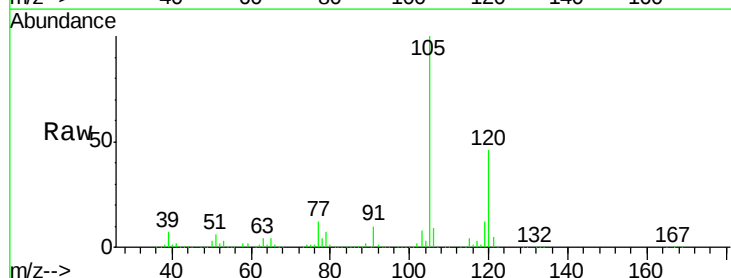
Instrument :
 MSVOA_X
 ClientSampled :
 VX0702WBS01

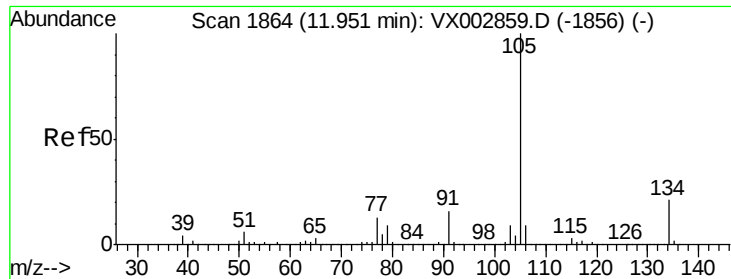
Tot Ion:119 Resp: 267772
 Ion Ratio Lower Upper
 119 100
 91 58.2 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Tgt Ion:105 Resp: 285943
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.95 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

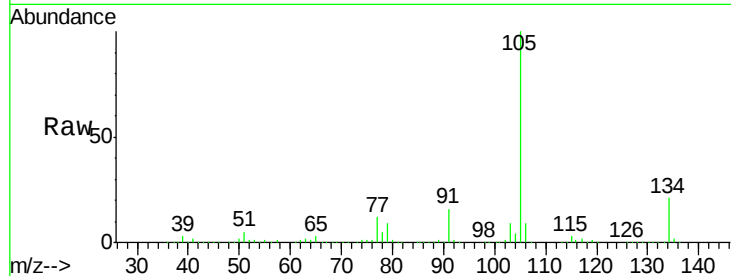
VX0702WBS01

Tot Ion:105 Resp: 323559

Ion Ratio Lower Upper

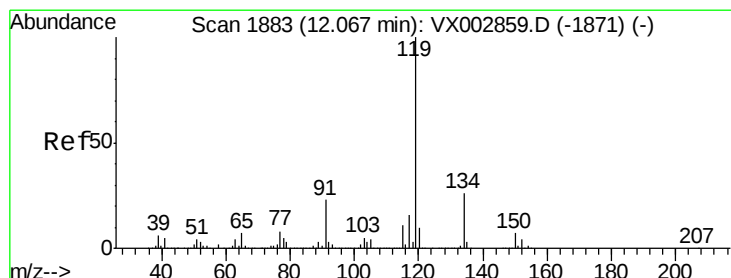
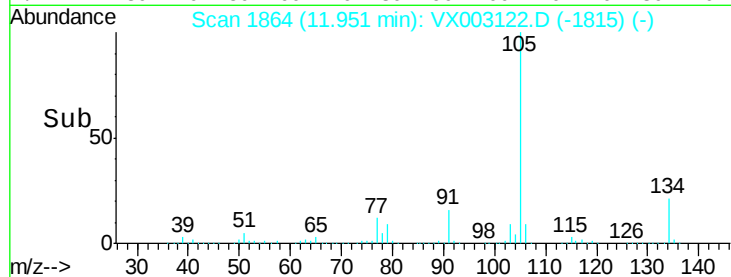
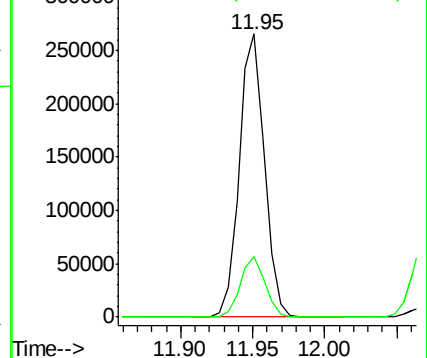
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.36 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

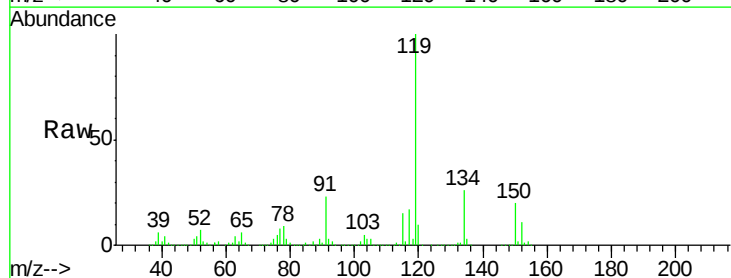
Tgt Ion:119 Resp: 296566

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

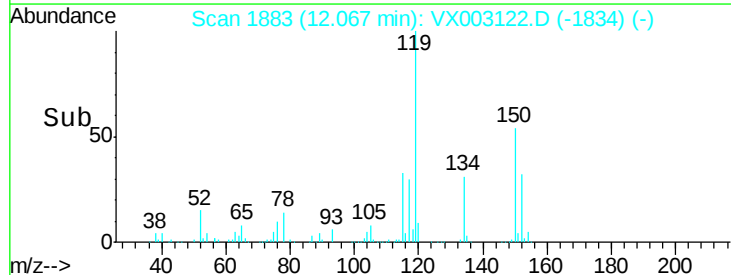
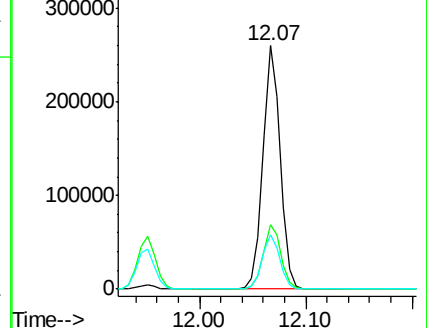
91 22.8 11.9 35.7

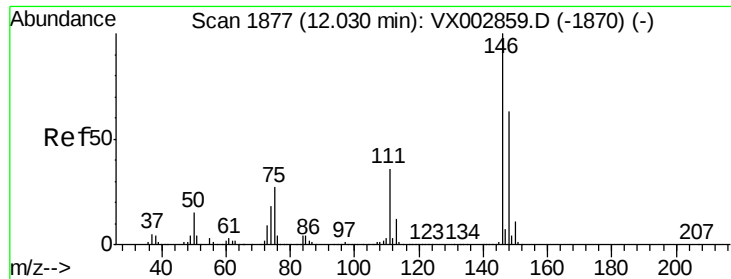


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.99 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

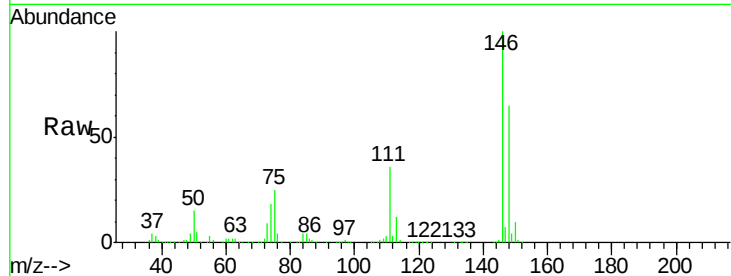
Tot Ion:146 Resp: 167449

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

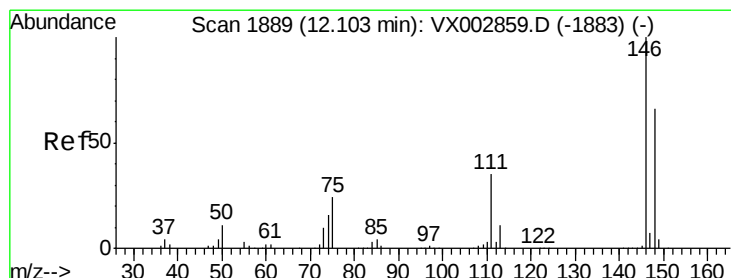
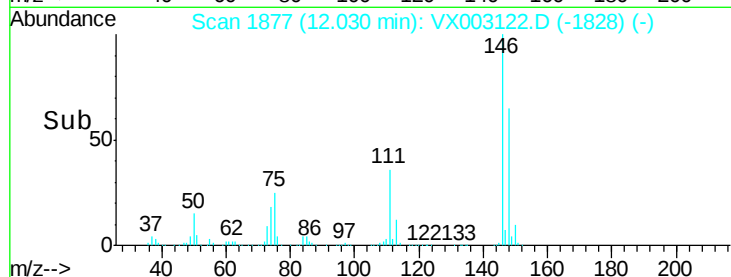
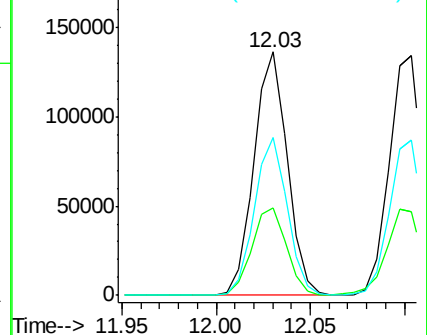
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.79 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

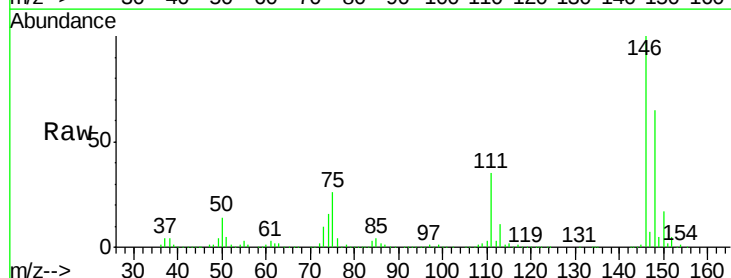
Tgt Ion:146 Resp: 170691

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

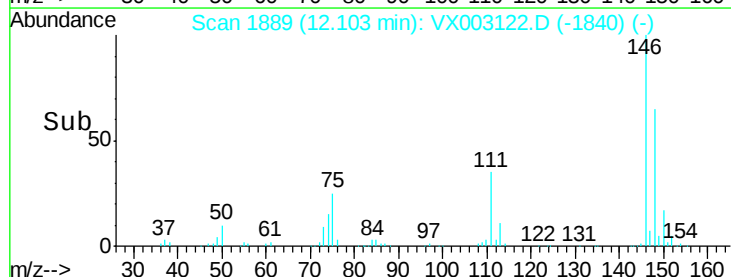
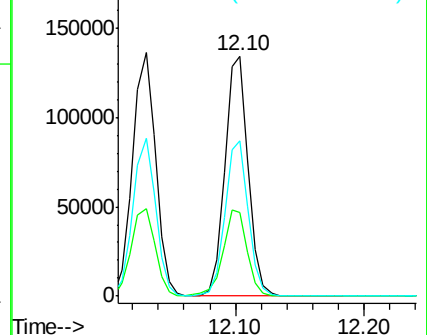
148 65.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

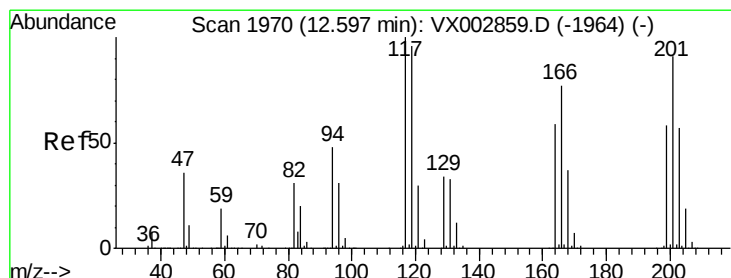
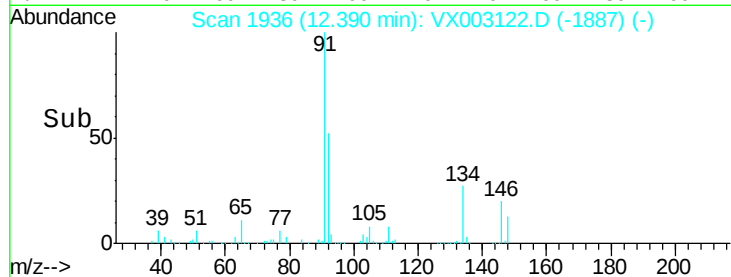
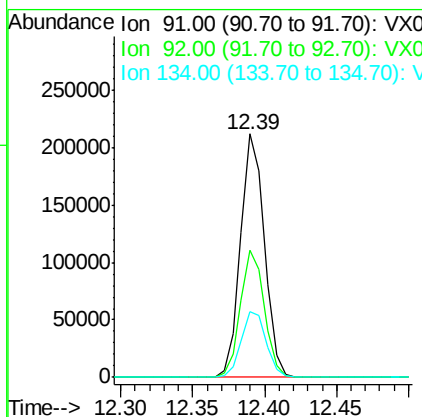
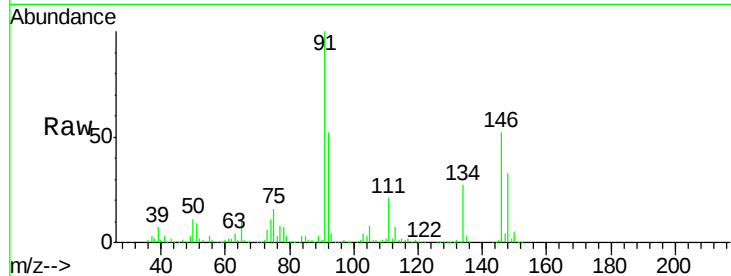




#89
n-Butylbenzene
Concen: 20.30 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

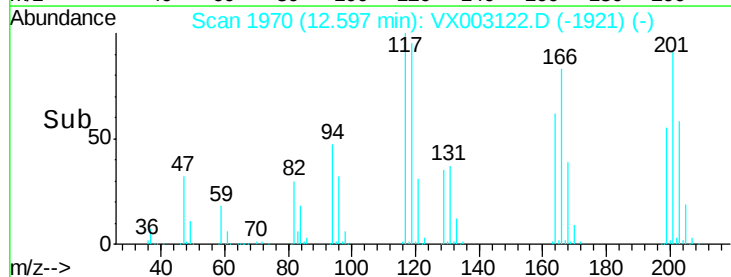
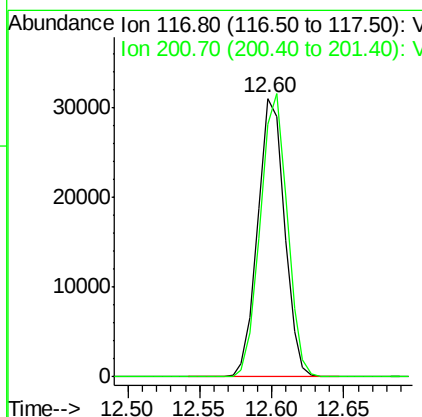
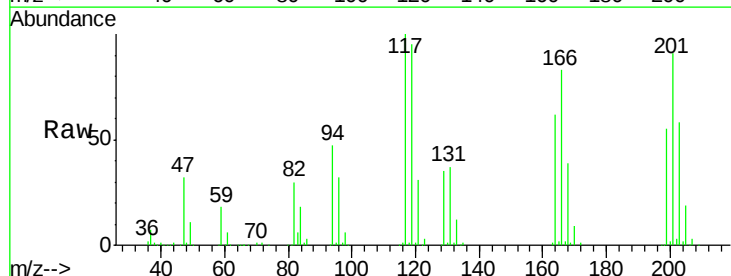
Instrument :
MSVOA_X
ClientSampled :
VX0702WBS01

Tot Ion: 91 Resp: 245256
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 28.0 13.5 40.5



#90
Hexachloroethane
Concen: 19.27 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003122.D
Acq: 02 Jul 2018 12:56

Tgt Ion: 117 Resp: 39787
Ion Ratio Lower Upper
117 100
201 101.9 49.0 147.0

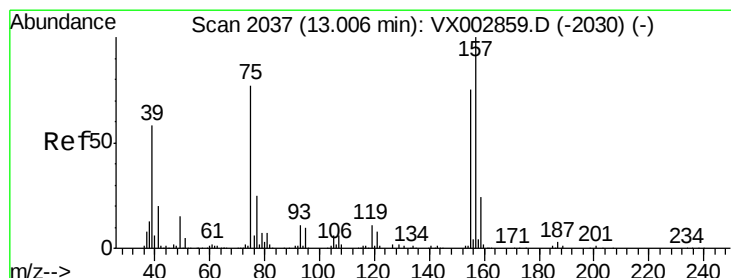
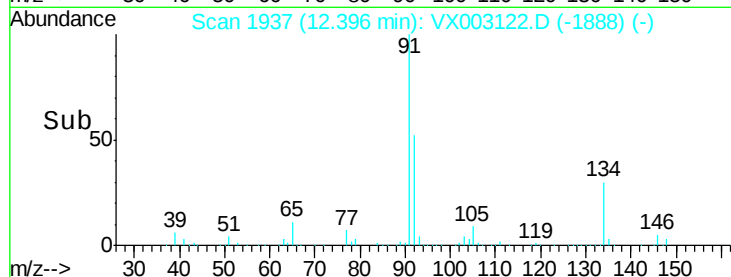
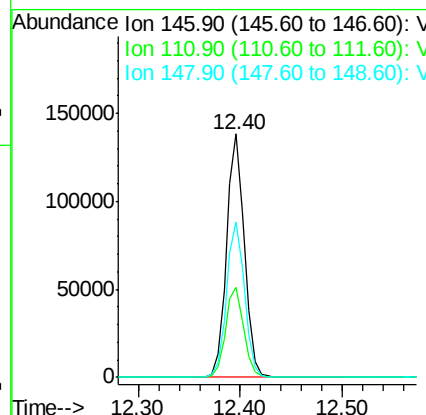
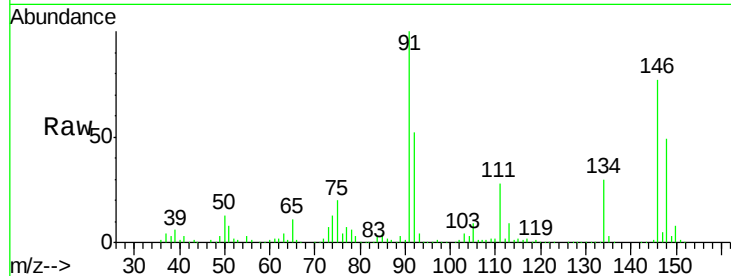




#91
 1,2-Dichlorobenzene
 Concen: 20.83 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

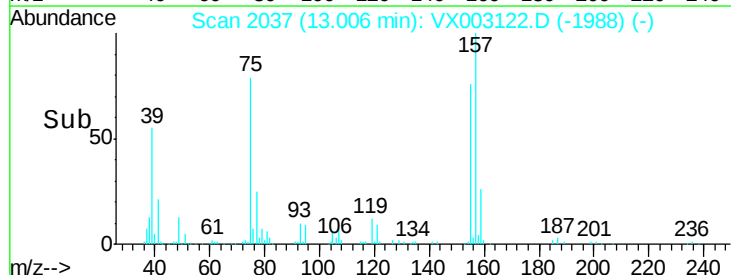
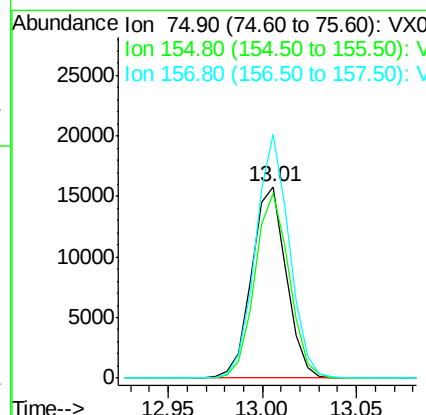
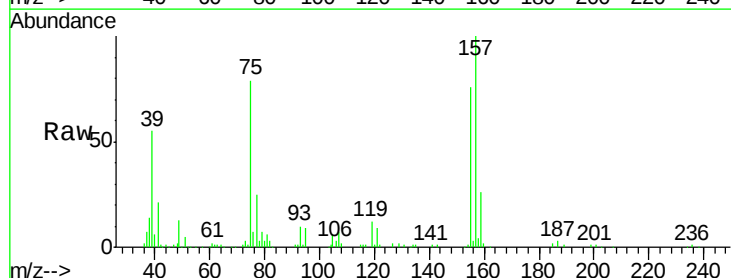
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Tot Ion:146 Resp: 167693
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.4 58.1
 148 64.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.89 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Tgt Ion: 75 Resp: 20062
 Ion Ratio Lower Upper
 75 100
 155 96.0 45.8 137.4
 157 124.0 60.1 180.3

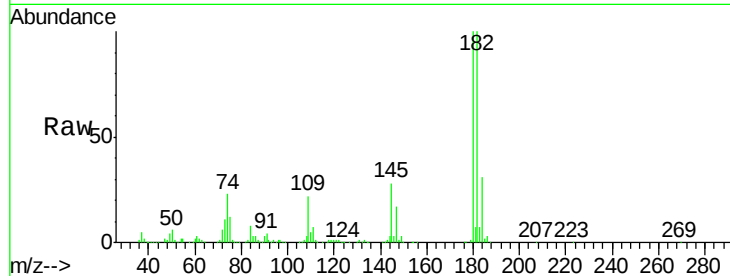




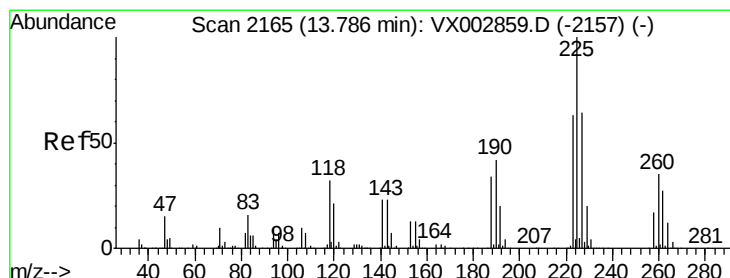
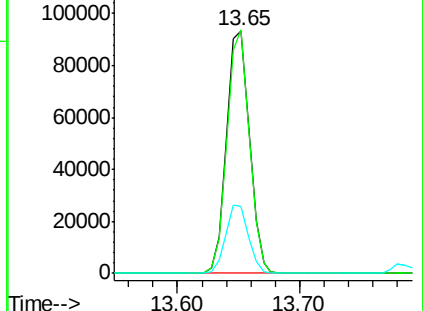
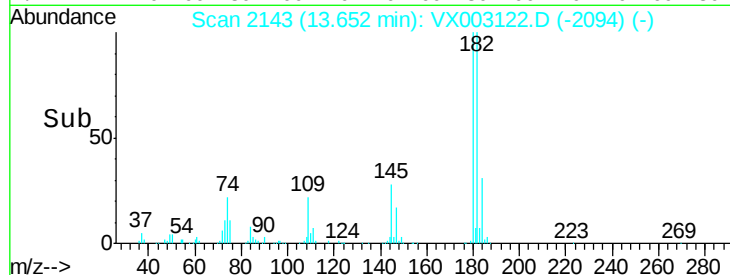
#93
 1,2,4-Trichlorobenzene
 Concen: 20.67 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Tot Ion:180 Resp: 121080
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.7 143.1
 145 27.9 14.1 42.4

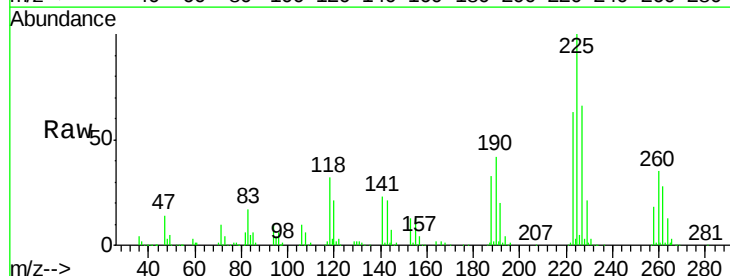


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

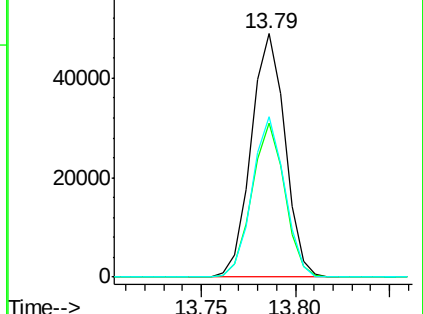
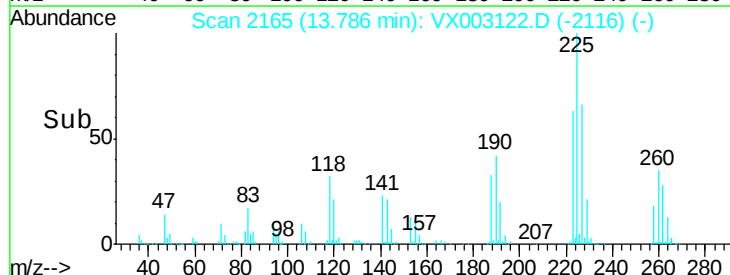


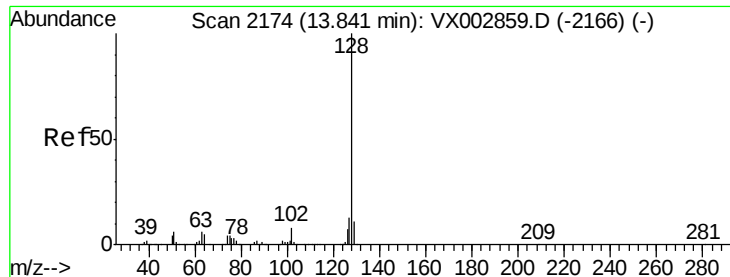
#94
 Hexachlorobutadiene
 Concen: 20.80 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003122.D
 Acq: 02 Jul 2018 12:56

Tgt Ion:225 Resp: 60781
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 95.0
 227 63.4 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.97 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBS01

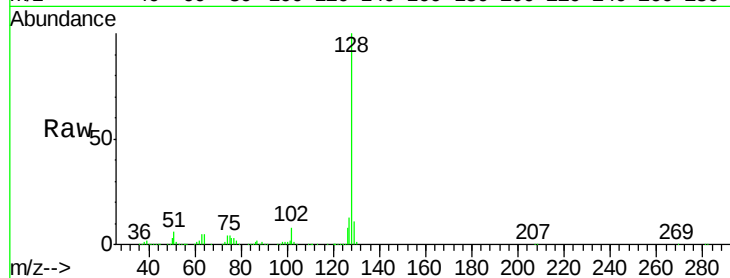
Tot Ion:128 Resp: 327251

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

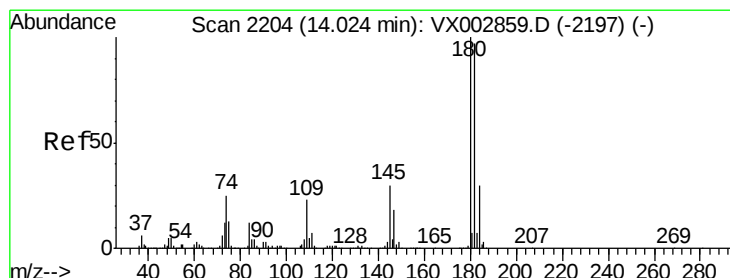
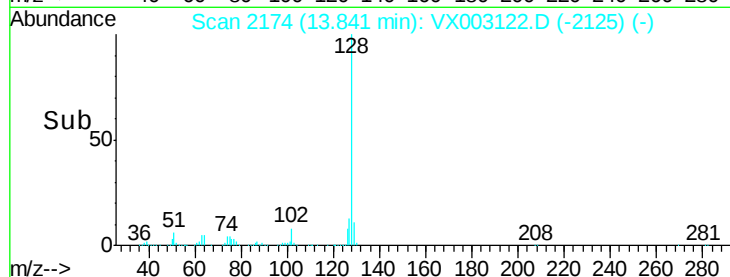
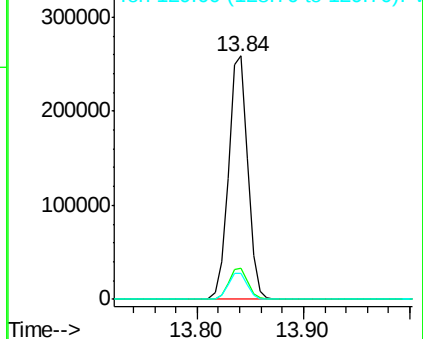
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.87 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003122.D

Acq: 02 Jul 2018 12:56

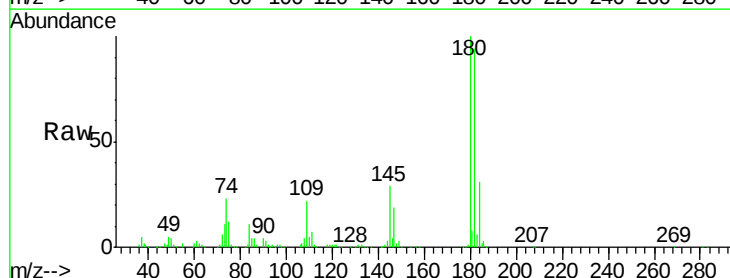
Tgt Ion:180 Resp: 122160

Ion Ratio Lower Upper

180 100

182 96.8 48.0 144.0

145 29.4 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

