

Data File : VX001600.D

Acq On : 10 May 2018 14:14

Operator : JC/MD

Sample : VX0510WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Quant Time: May 11 06:51:24 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	243780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	216832	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	5.51	113	174555	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
50) Toluene-d8	8.72	98	635607	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	11.14	95	240400	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82594	21.82	ug/l	100
3) Chloromethane	1.32	50	74372	20.18	ug/l	99
4) Vinyl Chloride	1.40	62	80083	20.82	ug/l	98
5) Bromomethane	1.64	94	44100	23.20	ug/l	98
6) Chloroethane	1.72	64	51580	20.29	ug/l	99
7) Trichlorofluoromethane	1.93	101	126808	21.90	ug/l	99
8) Diethyl Ether	2.19	74	47514	20.94	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76799	22.63	ug/l	100
10) Methyl Iodide	2.51	142	81397	16.62	ug/l	98
11) Tert butyl alcohol	3.07	59	90161	105.83	ug/l	99
12) 1,1-Dichloroethene	2.37	96	65567	21.08	ug/l	96
13) Acrolein	2.29	56	12144	63.61	ug/l	93
14) Allyl chloride	2.73	41	124154	21.40	ug/l	99
15) Acrylonitrile	3.15	53	202344	105.11	ug/l	99
16) Acetone	2.45	43	208308	113.53	ug/l	98
17) Carbon Disulfide	2.57	76	147614	18.65	ug/l	99
18) Methyl Acetate	2.78	43	110830	22.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	231163	21.34	ug/l	100
20) Methylene Chloride	2.86	84	73962	20.36	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	69932	20.14	ug/l	93
22) Diisopropyl ether	3.87	45	239368	22.09	ug/l	97
23) Vinyl Acetate	3.82	43	1001700	110.91	ug/l	100
24) 1,1-Dichloroethane	3.70	63	131821	21.78	ug/l	100
25) 2-Butanone	4.71	43	288861	108.91	ug/l	99
26) 2,2-Dichloropropane	4.59	77	105499	22.57	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	78745	21.30	ug/l	99
28) Bromochloromethane	5.03	49	60175	22.93	ug/l	99
29) Tetrahydrofuran	5.17	42	177776	104.76	ug/l	100
30) Chloroform	5.22	83	137993	22.13	ug/l	100
31) Cyclohexane	5.57	56	111180	21.38	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	121277	22.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	96753	21.63	ug/l	99
37) Ethyl Acetate	4.87	43	106105	21.64	ug/l	100
38) Carbon Tetrachloride	5.79	117	109151	22.88	ug/l	99

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Quant Time: May 11 06:51:24 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120541	22.80	ug/l	97
40) Benzene	6.15	78	295783	22.64	ug/l	98
41) Methacrylonitrile	5.06	41	61411	21.89	ug/l	99
42) 1,2-Dichloroethane	6.20	62	114829	22.87	ug/l	100
43) Isopropyl Acetate	6.47	43	165845	22.04	ug/l	99
44) Trichloroethene	7.21	130	90800	22.74	ug/l	99
45) 1,2-Dichloropropane	7.52	63	75301	23.12	ug/l	99
46) Dibromomethane	7.67	93	51675	22.41	ug/l	99
47) Bromodichloromethane	7.90	83	96270	22.56	ug/l	99
48) Methyl methacrylate	7.78	41	90231	22.02	ug/l	100
49) 1,4-Dioxane	7.76	88	38508	434.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	569987	113.98	ug/l	99
52) Toluene	8.79	92	195414	22.88	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	110434	22.90	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	98250	21.08	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	78900	22.93	ug/l	95
56) Ethyl methacrylate	9.19	69	109133	22.00	ug/l	100
57) 1,3-Dichloropropane	9.38	76	128596	22.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	240865	99.00	ug/l	99
59) 2-Hexanone	9.50	43	434532	113.47	ug/l	99
60) Dibromochloromethane	9.59	129	79326	22.51	ug/l	98
61) 1,2-Dibromoethane	9.68	107	81975	22.69	ug/l	100
64) Tetrachloroethene	9.34	164	107969	23.08	ug/l	97
65) Chlorobenzene	10.14	112	222100	22.56	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	82040	23.30	ug/l	99
67) Ethyl Benzene	10.26	91	366632	22.72	ug/l	99
68) m/p-Xylenes	10.37	106	293710	46.07	ug/l	100
69) o-Xylene	10.70	106	140220	22.63	ug/l	97
70) Styrene	10.72	104	232051	23.05	ug/l	100
71) Bromoform	10.86	173	62012	20.57	ug/l	100
73) Isopropylbenzene	11.02	105	386851	22.92	ug/l	100
74) N-amyl acetate	6.47	43	165845	21.64	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	109747	22.02	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	128628	26.02	ug/l	90
77) Bromobenzene	11.26	156	106785	21.76	ug/l	99
78) n-propylbenzene	11.37	91	437692	23.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	256997	22.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	325072	23.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	27824	20.69	ug/l	93
82) 4-Chlorotoluene	11.52	91	302787	23.21	ug/l	99
83) tert-Butylbenzene	11.77	119	314524	22.50	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	336482	23.30	ug/l	100
85) sec-Butylbenzene	11.95	105	399836	23.83	ug/l	99
86) p-Isopropyltoluene	12.07	119	365703	23.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	197708	22.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	199344	22.28	ug/l	99
89) n-Butylbenzene	12.40	91	298785	23.42	ug/l	99
90) Hexachloroethane	12.60	117	52548	22.67	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	199723	22.38	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24719	22.57	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051018\
Quantitation Report (Not Reviewed)

Data File : VX001600.D
Acq On : 10 May 2018 14:14
Operator : JC/MD
Sample : VX0510WBS01
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Quant Time: May 11 06:51:24 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

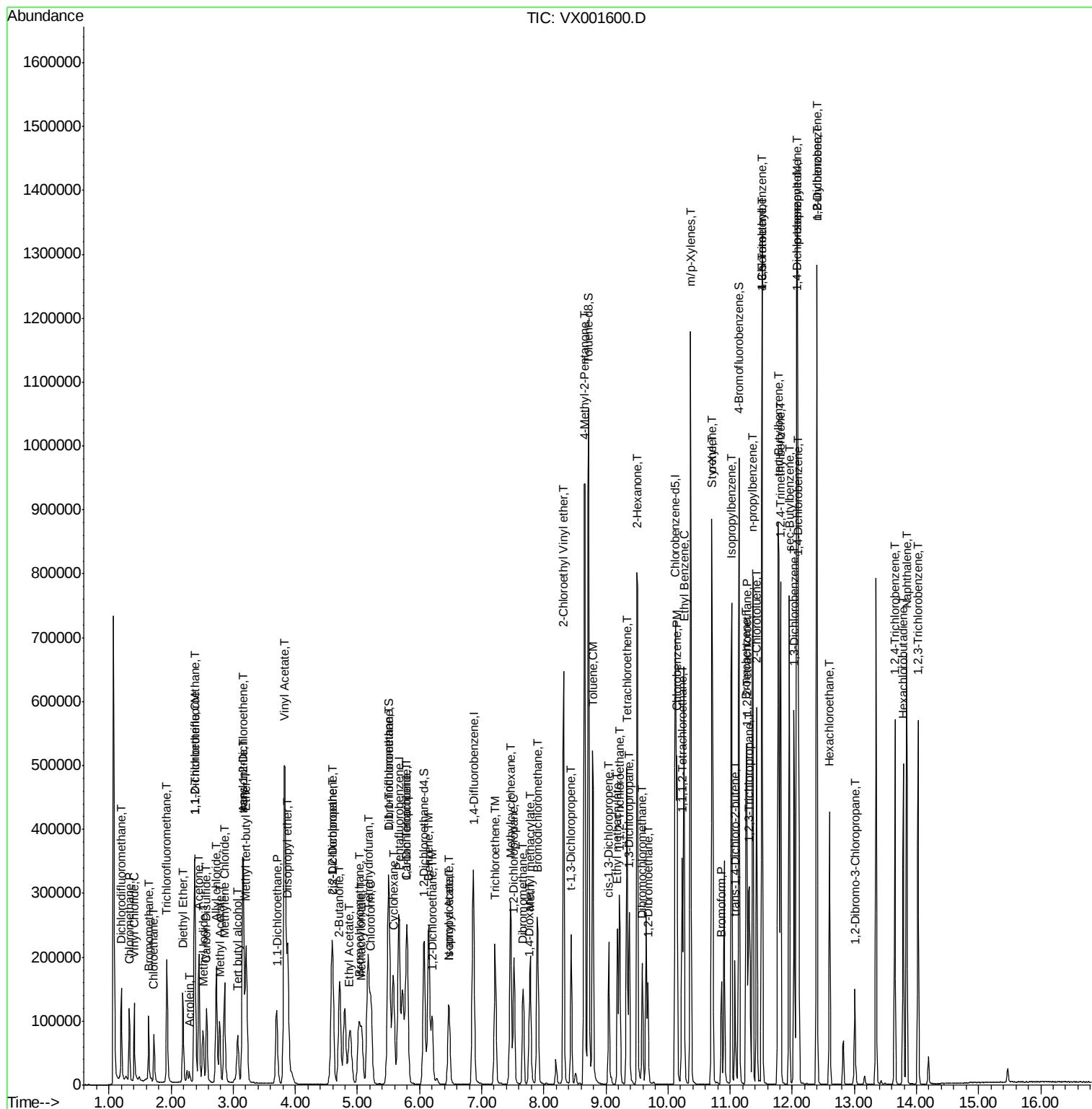
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148073	22.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	84328	23.60	ug/l	100
95) Naphthalene	13.84	128	410273	22.72	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	153119	22.85	ug/l	99

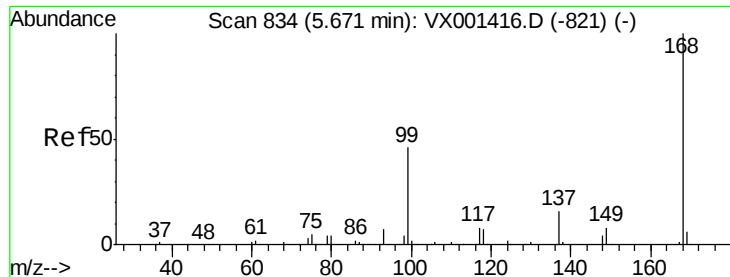
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 5 Sample Multiplier: 1

VX0510WBS01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

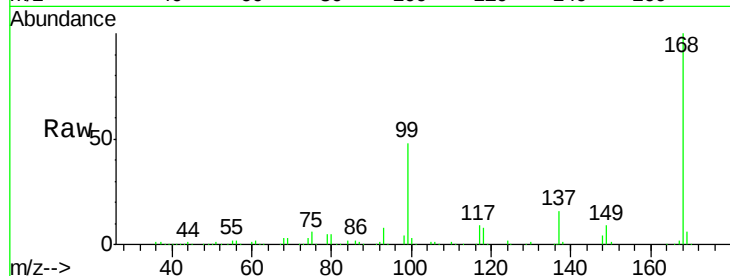
VX0510WBS01

Tgt Ion:168 Resp: 281129

Ion Ratio Lower Upper

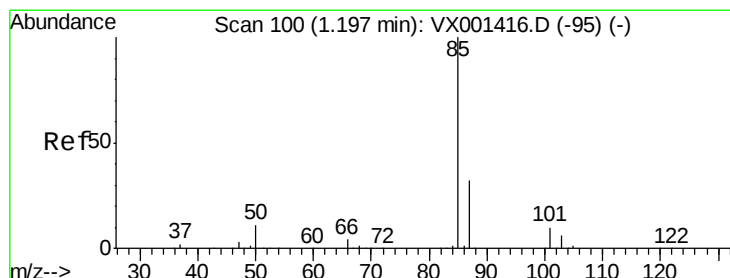
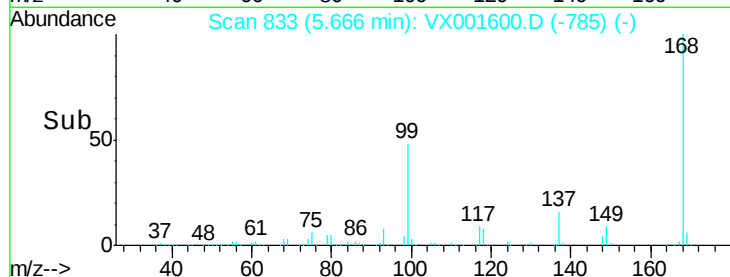
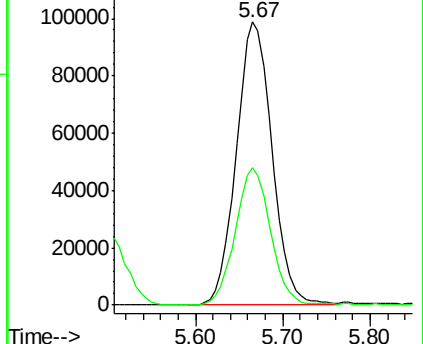
168 100

99 48.3 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.82 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001600.D

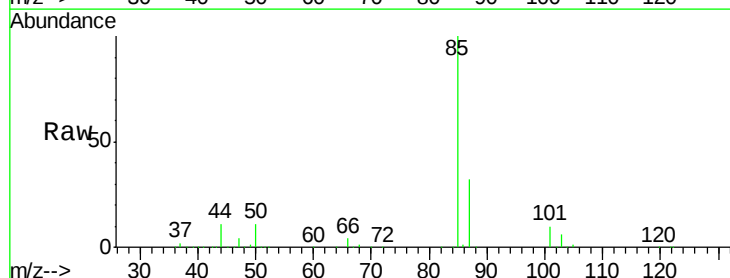
Acq: 10 May 2018 14:14

Tgt Ion: 85 Resp: 82594

Ion Ratio Lower Upper

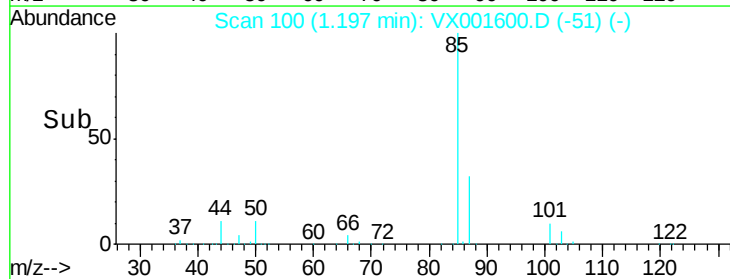
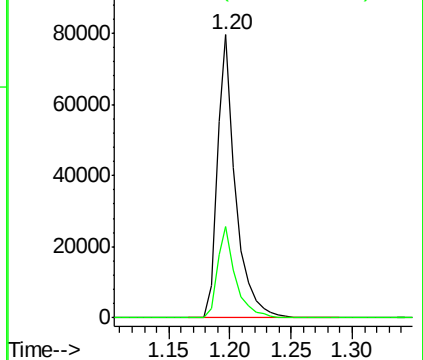
85 100

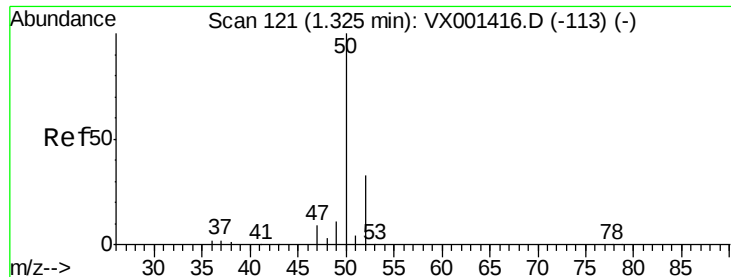
87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.18 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

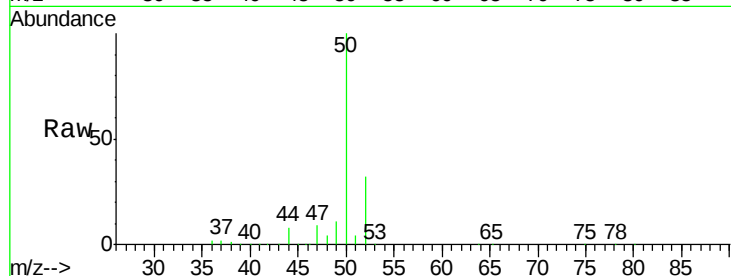
VX0510WBS01

Tgt Ion: 50 Resp: 74372

Ion Ratio Lower Upper

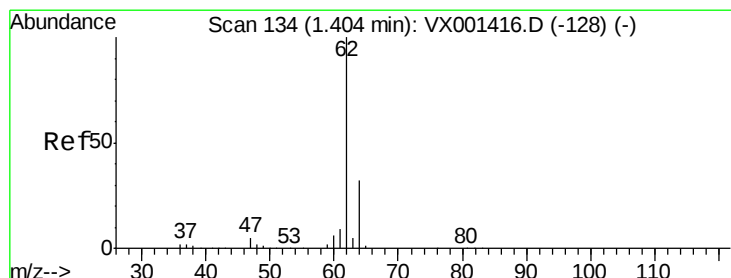
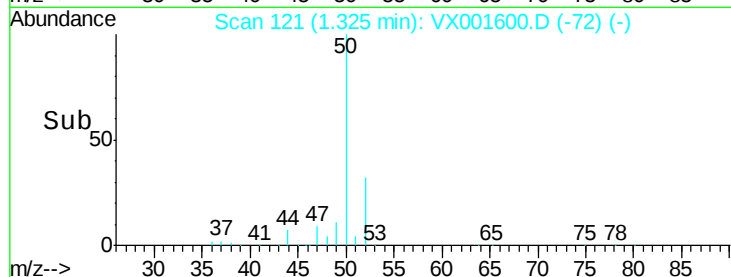
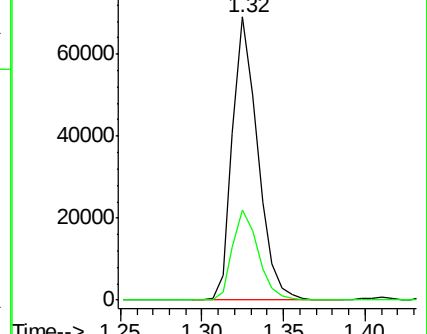
50 100

52 32.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001600.D

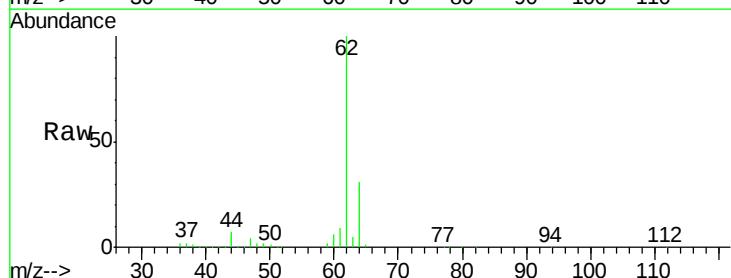
Acq: 10 May 2018 14:14

Tgt Ion: 62 Resp: 80083

Ion Ratio Lower Upper

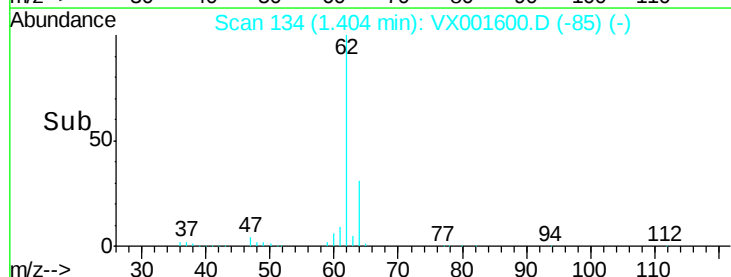
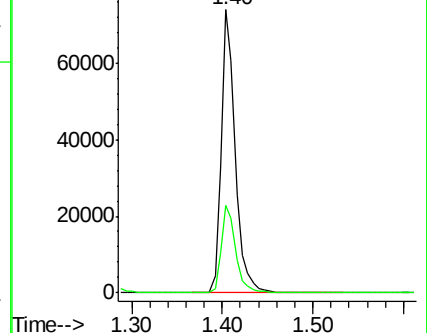
62 100

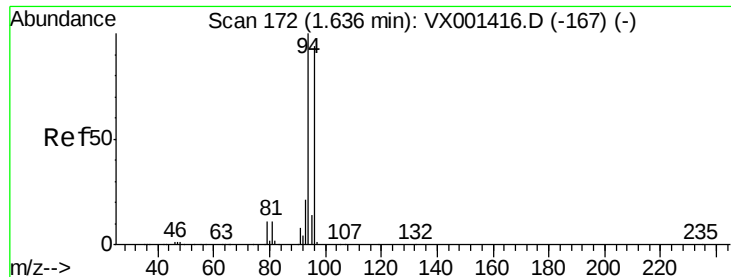
64 31.0 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.20 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

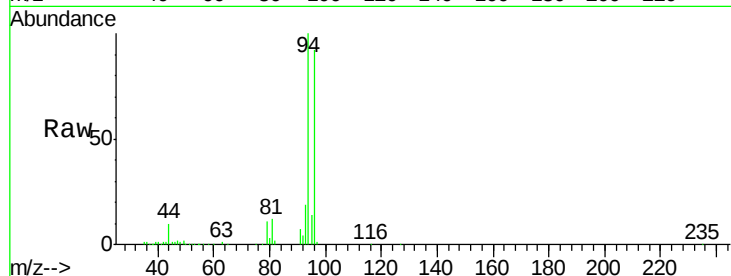
VX0510WBS01

Tgt Ion: 94 Resp: 44100

Ion Ratio Lower Upper

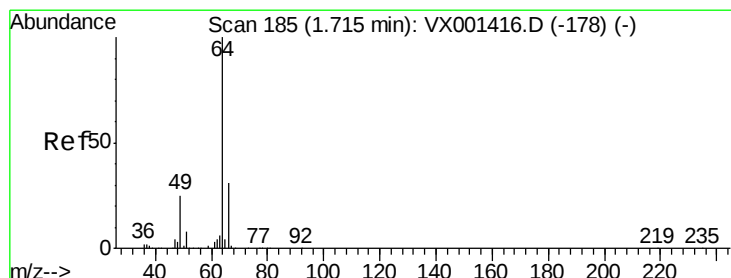
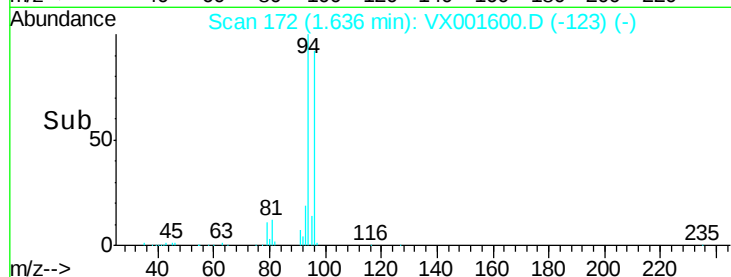
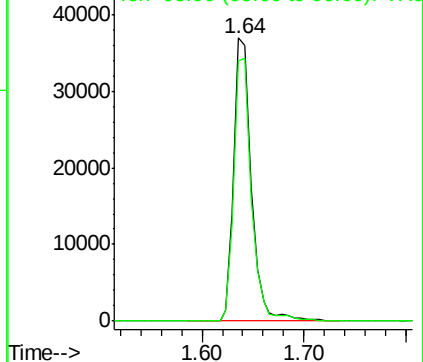
94 100

96 92.2 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.29 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001600.D

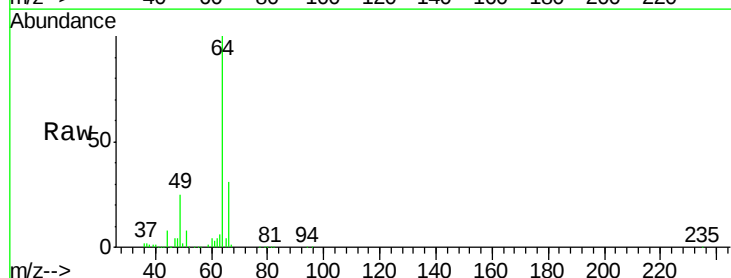
Acq: 10 May 2018 14:14

Tgt Ion: 64 Resp: 51580

Ion Ratio Lower Upper

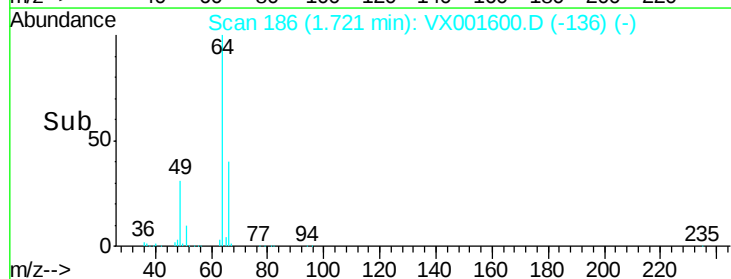
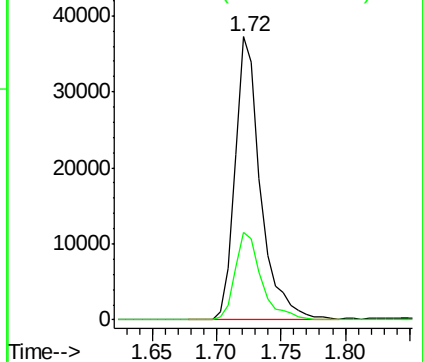
64 100

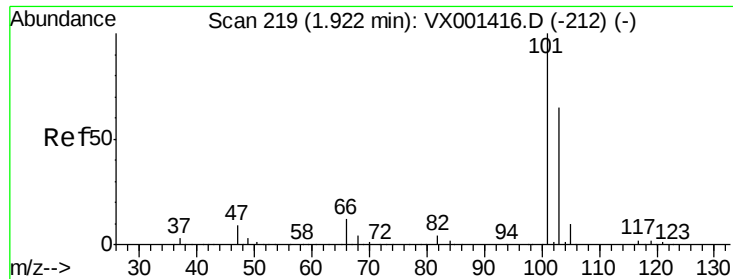
66 30.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 21.90 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

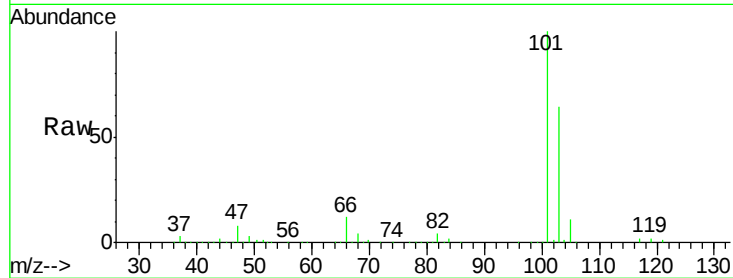
VX0510WBS01

Tgt Ion:101 Resp: 126808

Ion Ratio Lower Upper

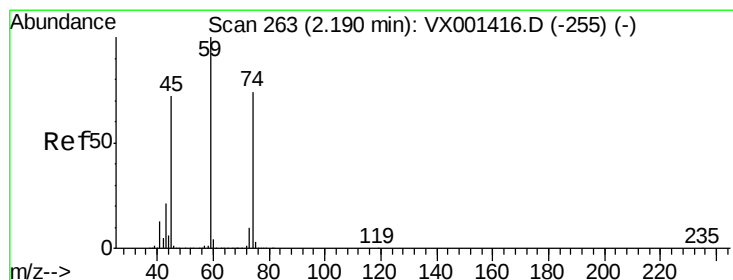
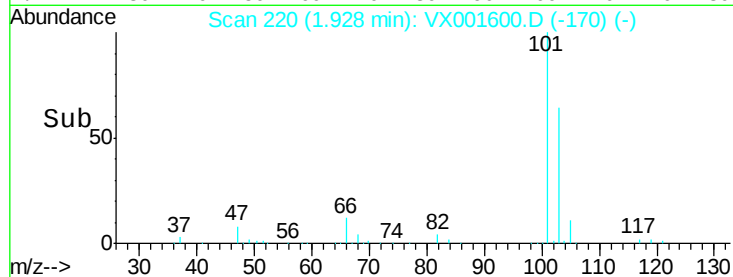
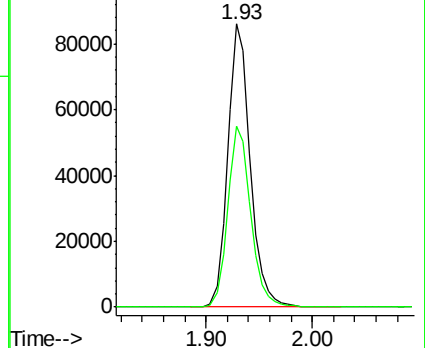
101 100

103 64.2 52.0 78.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.94 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001600.D

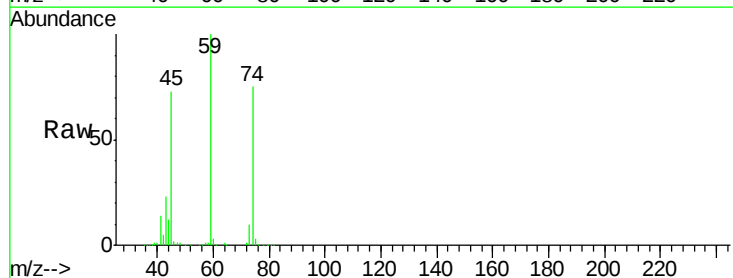
Acq: 10 May 2018 14:14

Tgt Ion: 74 Resp: 47514

Ion Ratio Lower Upper

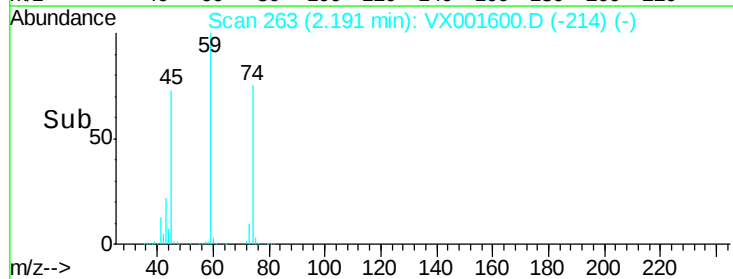
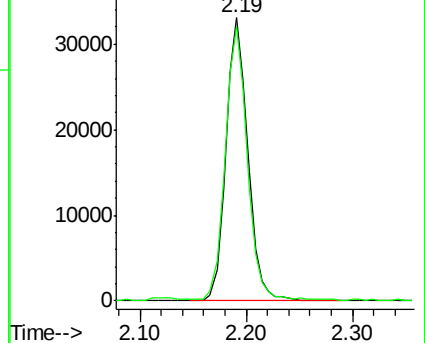
74 100

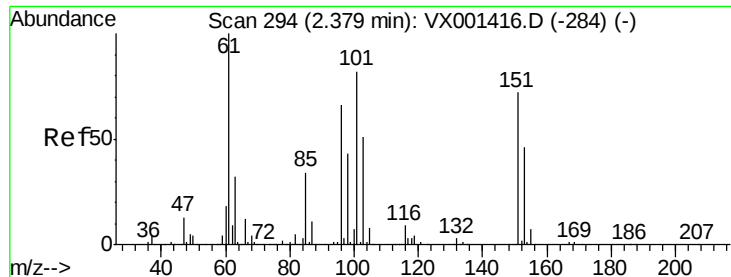
45 97.2 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.63 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

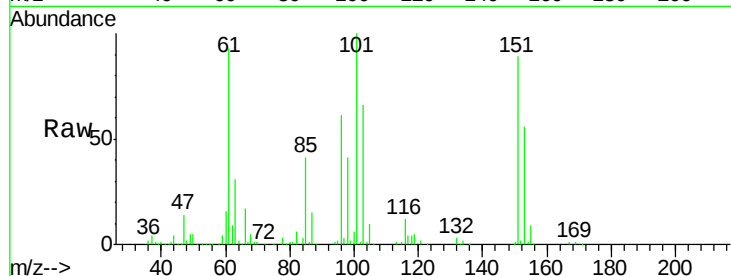
Tgt Ion:101 Resp: 76799

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

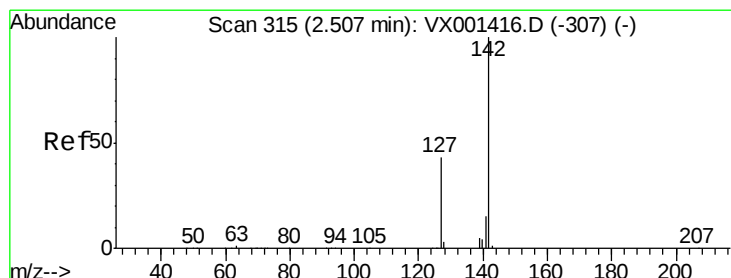
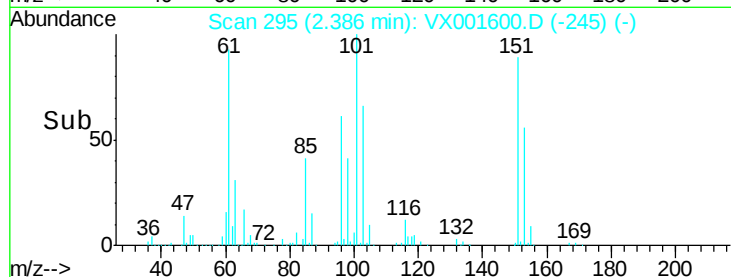
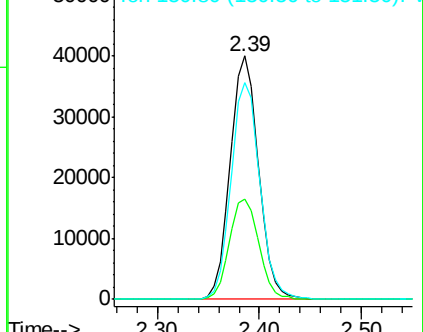
151 90.5 72.3 108.5



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: 16.62 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

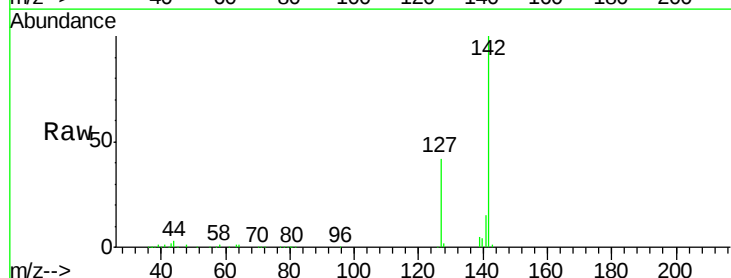
Tgt Ion:142 Resp: 81397

Ion Ratio Lower Upper

142 100

127 43.4 33.6 50.4

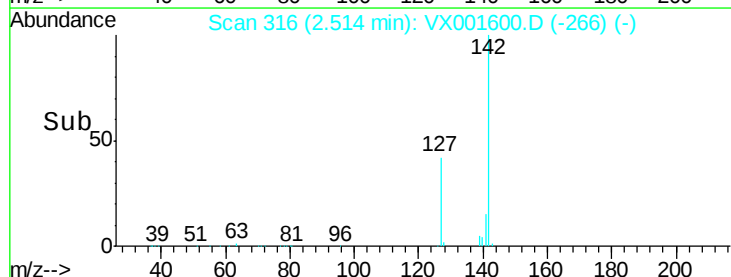
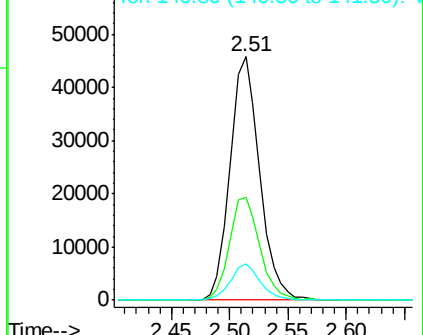
141 14.7 11.4 17.2

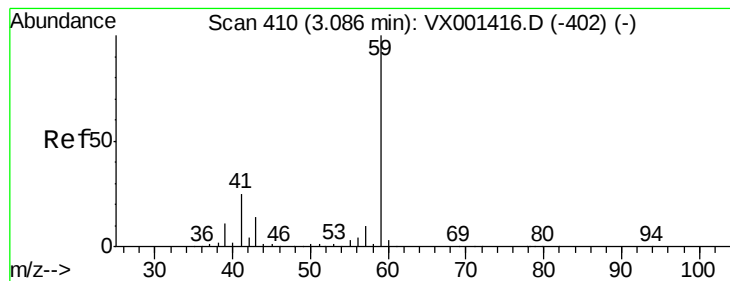


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



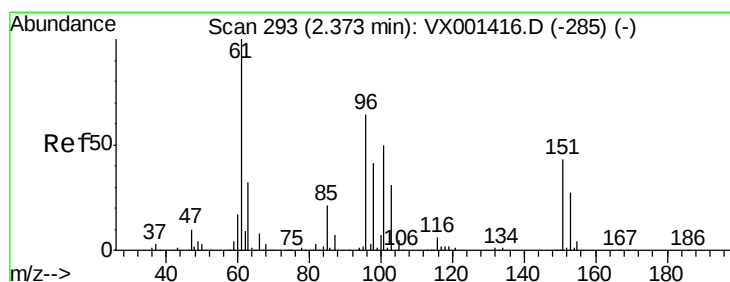
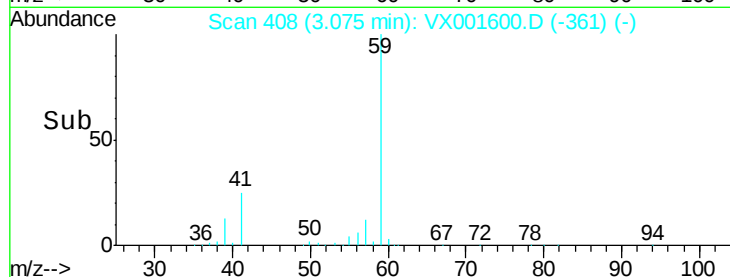
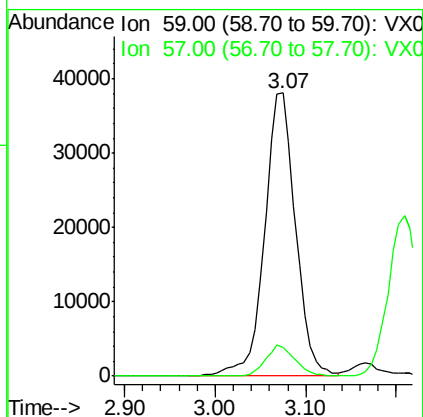
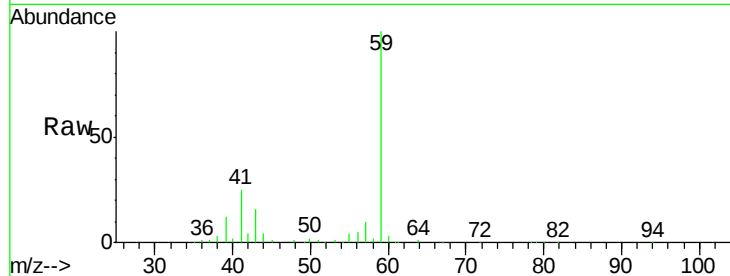


#11

Tert butyl alcohol
 Concen: 105.83 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

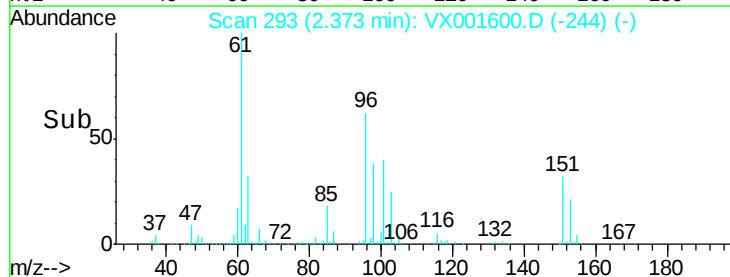
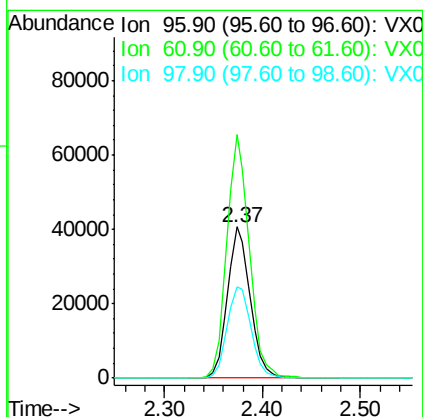
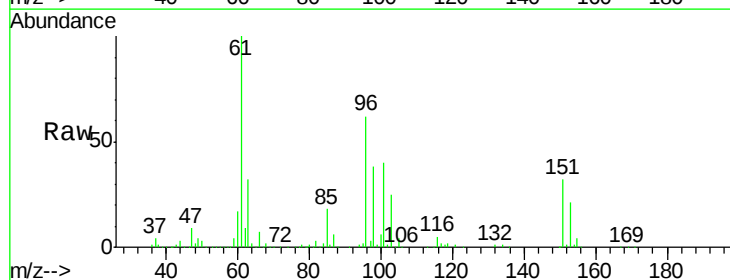
Tgt Ion: 59 Resp: 90161
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

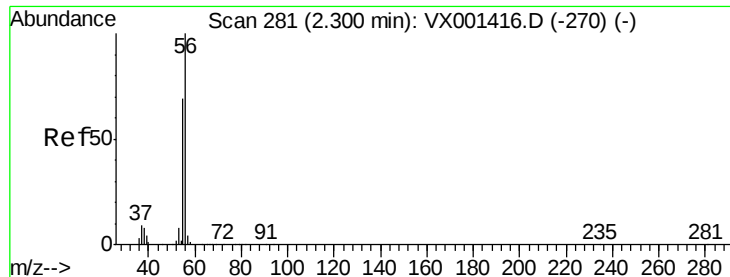


#12

1,1-Dichloroethene
 Concen: 21.08 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 96 Resp: 65567
 Ion Ratio Lower Upper
 96 100
 61 160.9 125.7 188.5
 98 60.7 52.0 78.0





#13

Acrolein

Concen: 63.61 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

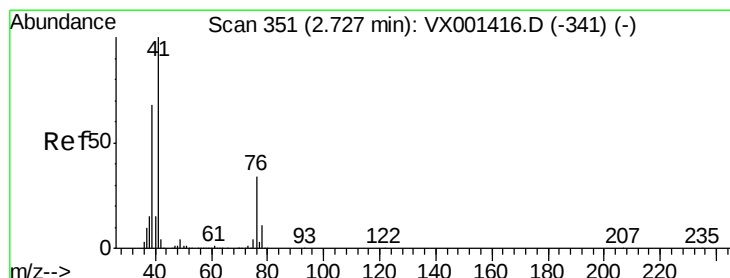
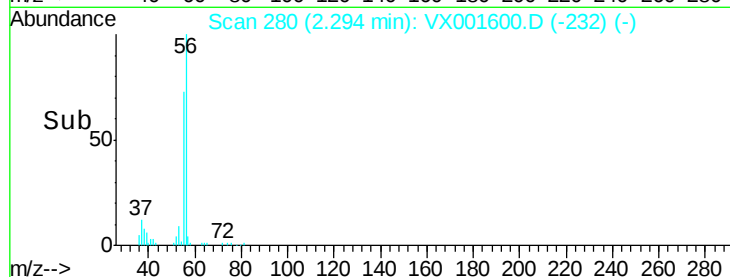
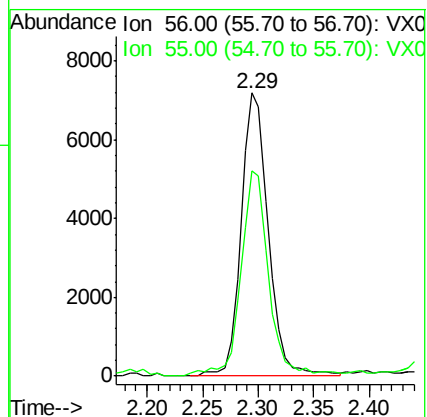
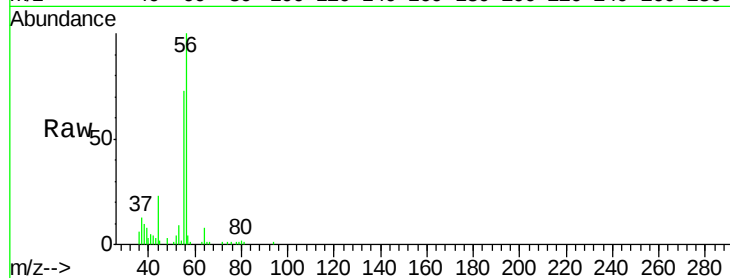
VX0510WBS01

Tgt Ion: 56 Resp: 12144

Ion Ratio Lower Upper

56 100

55 73.5 54.5 81.7



#14

Allyl chloride

Concen: 21.40 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

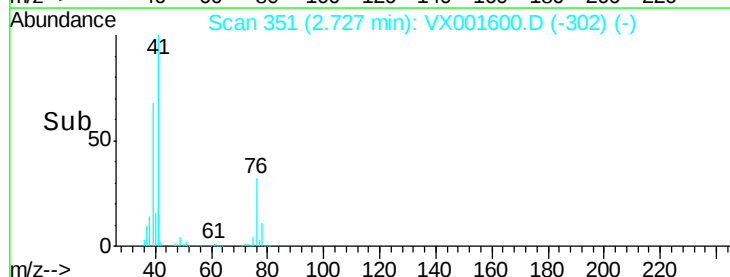
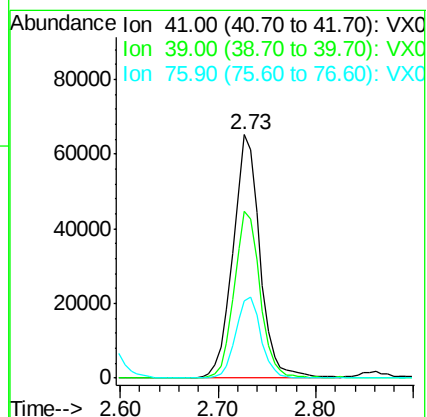
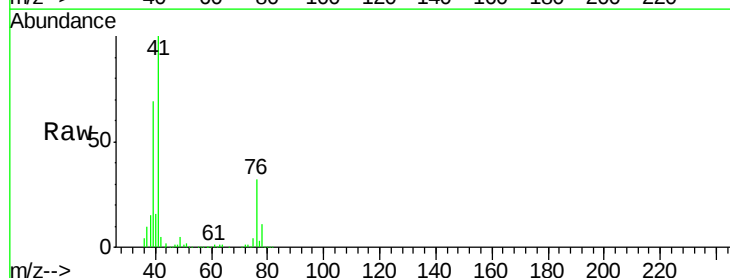
Tgt Ion: 41 Resp: 124154

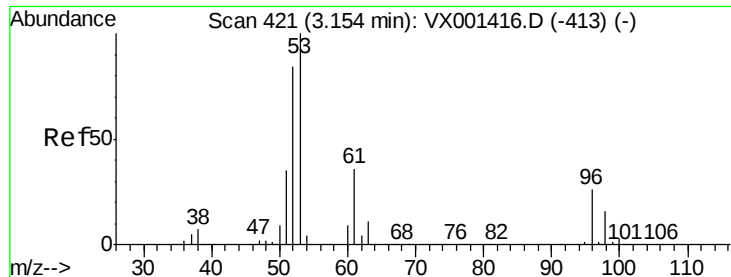
Ion Ratio Lower Upper

41 100

39 66.0 52.4 78.6

76 31.2 25.8 38.6





#15

Acrylonitrile

Concen: 105.11 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

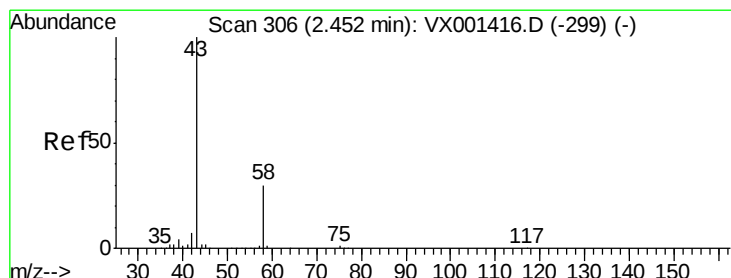
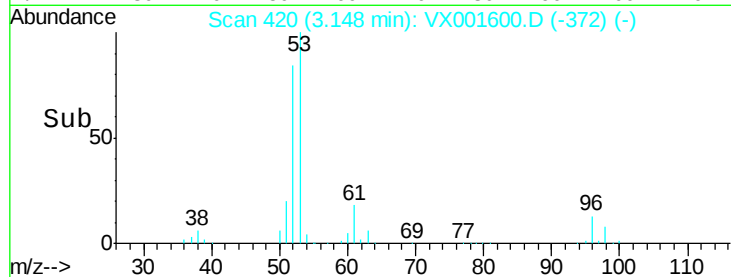
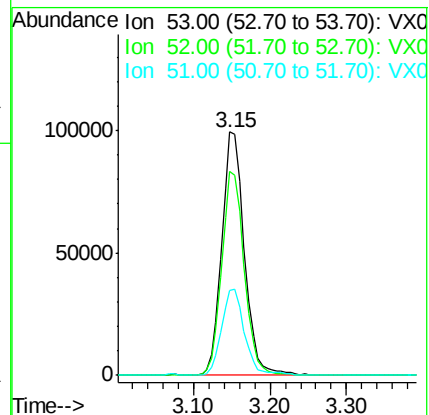
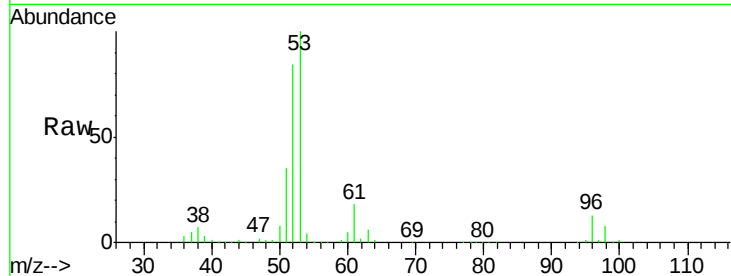
Tgt Ion: 53 Resp: 202344

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.2

51 36.2 28.6 43.0



#16

Acetone

Concen: 113.53 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001600.D

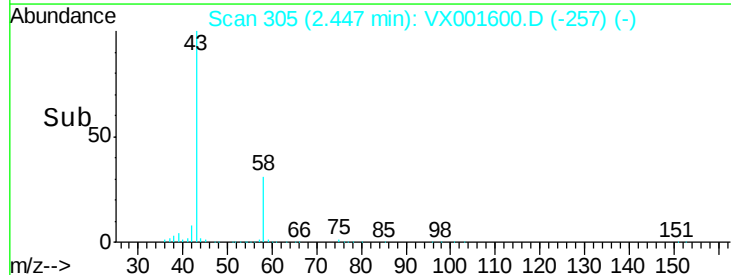
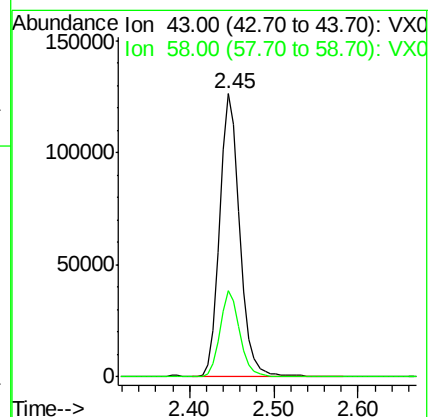
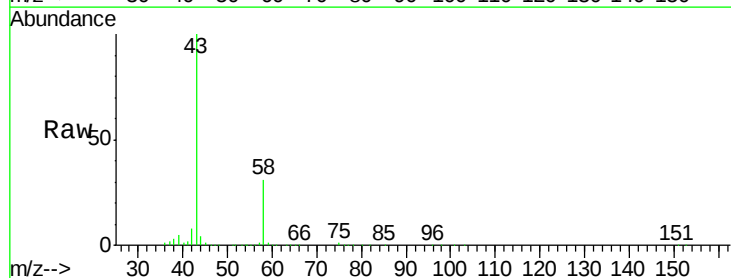
Acq: 10 May 2018 14:14

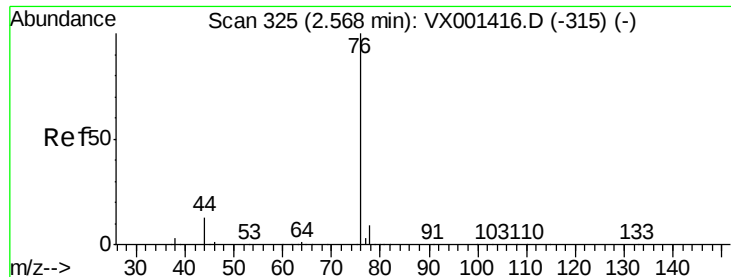
Tgt Ion: 43 Resp: 208308

Ion Ratio Lower Upper

43 100

58 30.7 23.8 35.8

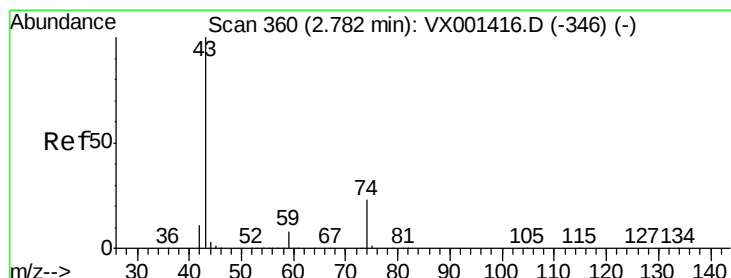
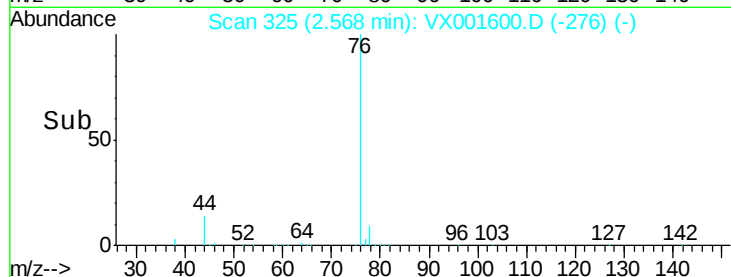
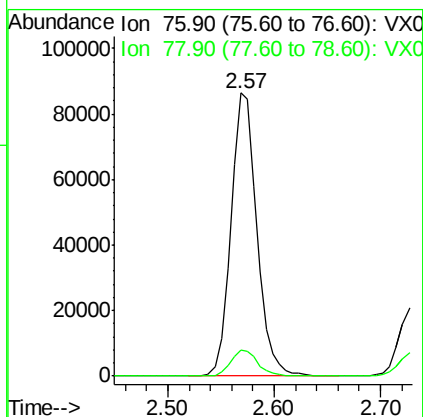
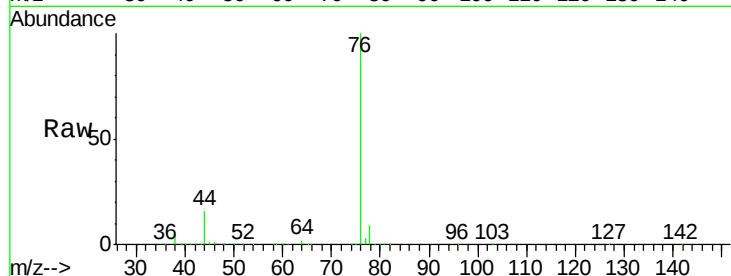




#17
Carbon Disulfide
Concen: 18.65 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

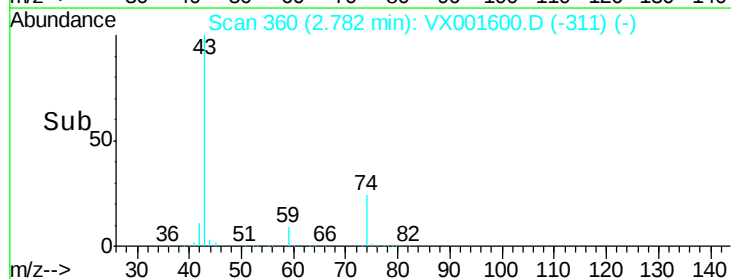
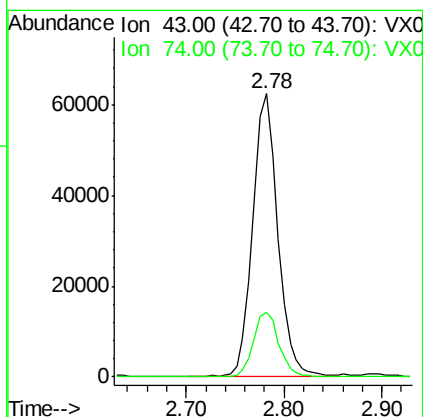
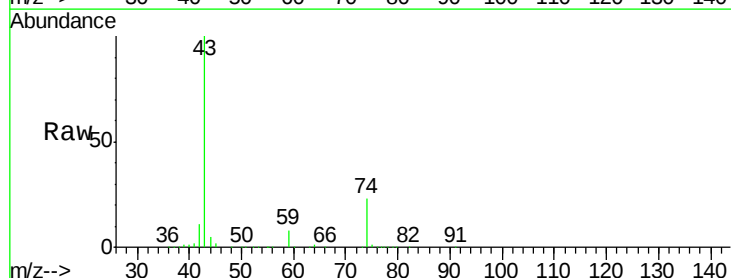
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

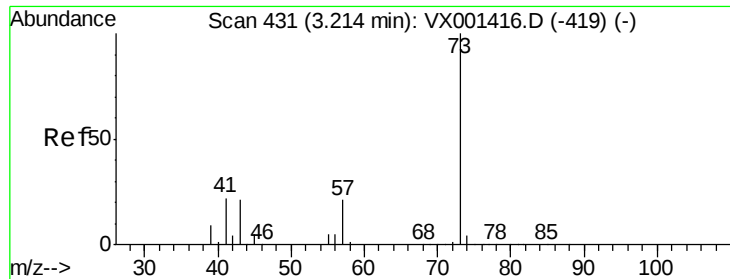
Tgt Ion: 76 Resp: 147614
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 22.99 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion: 43 Resp: 110830
Ion Ratio Lower Upper
43 100
74 23.8 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 21.34 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

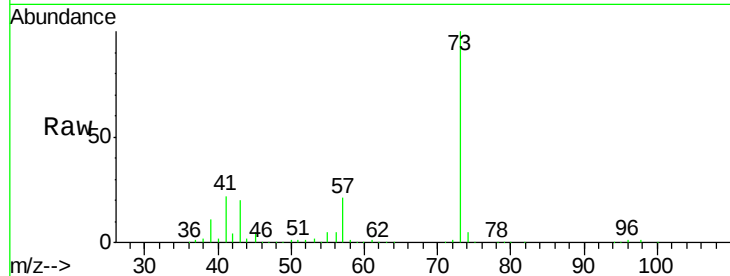
VX0510WBS01

Tgt Ion: 73 Resp: 231163

Ion Ratio Lower Upper

73 100

57 21.5 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

100000

80000

60000

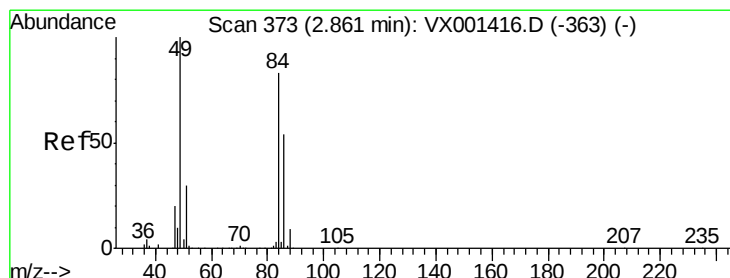
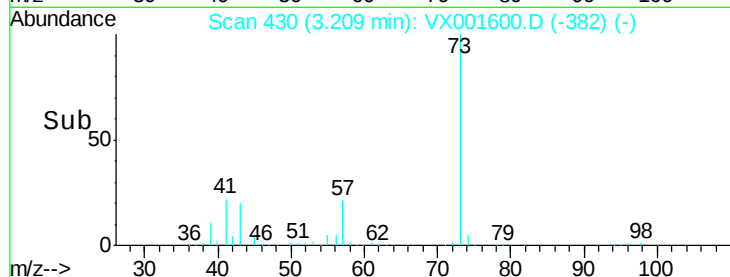
40000

20000

0

Time-->

3.10 3.20 3.30 3.40



#20

Methylene Chloride

Concen: 20.36 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion: 84 Resp: 73962

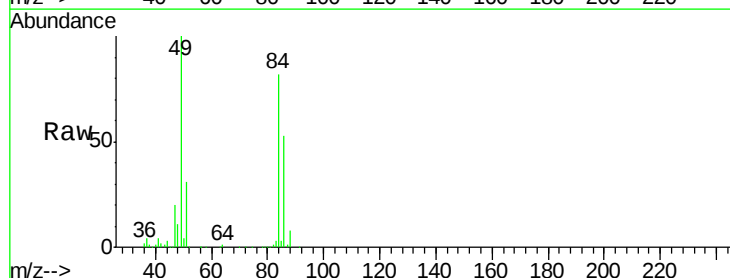
Ion Ratio Lower Upper

84 100

49 122.5 96.6 144.8

51 38.4 29.0 43.4

86 64.9 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

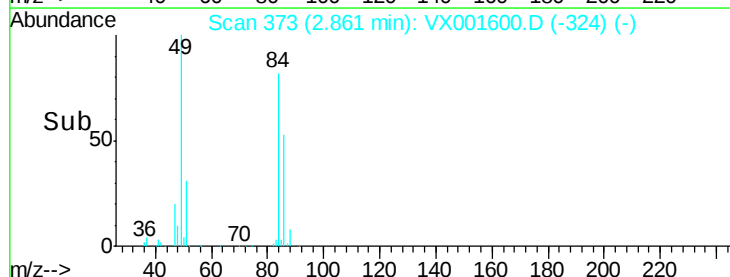
40000

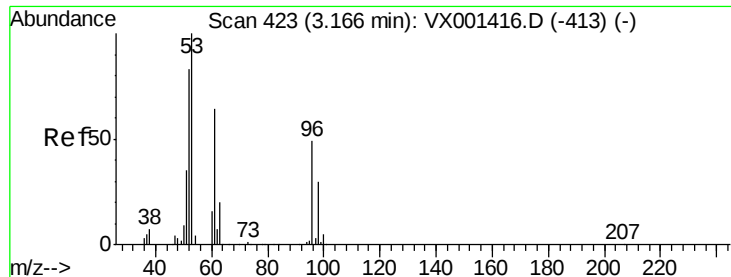
20000

0

Time-->

2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 20.14 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

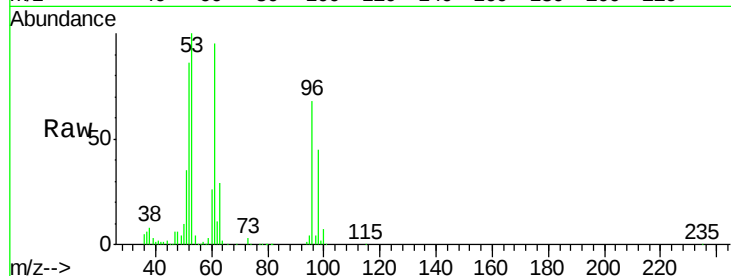
Tgt Ion: 96 Resp: 69932

Ion Ratio Lower Upper

96 100

61 139.8 105.0 157.4

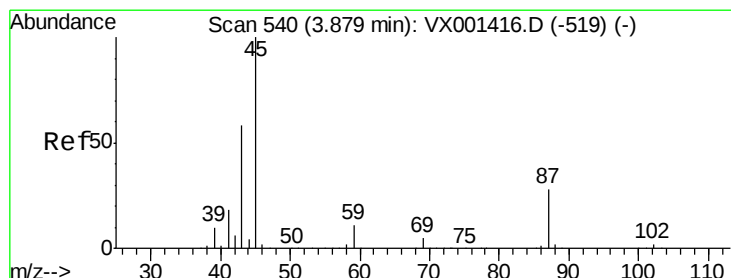
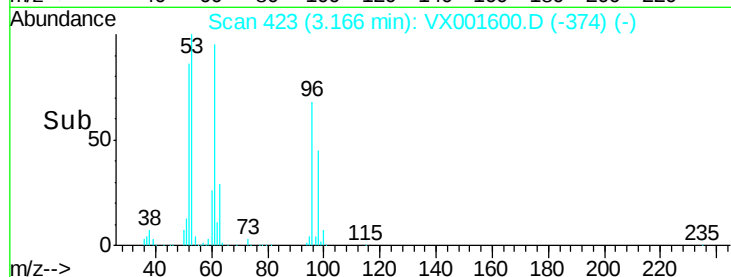
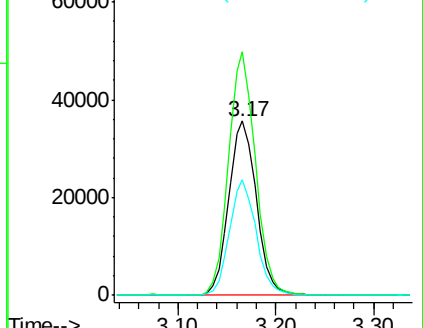
98 66.3 49.9 74.9



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: 22.09 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion: 45 Resp: 239368

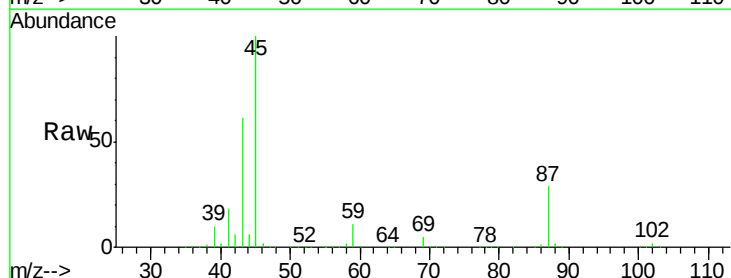
Ion Ratio Lower Upper

45 100

43 60.9 46.5 69.7

87 29.1 22.6 34.0

59 11.4 9.1 13.7

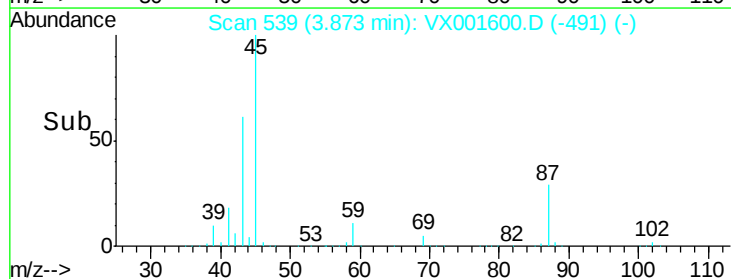
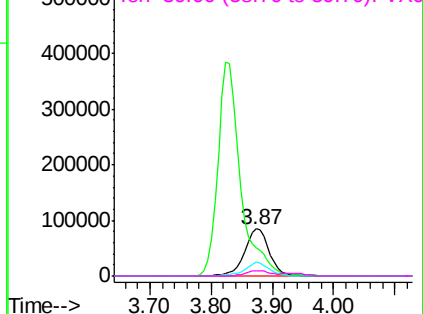


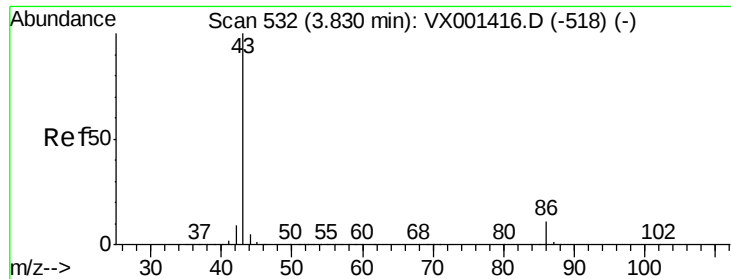
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

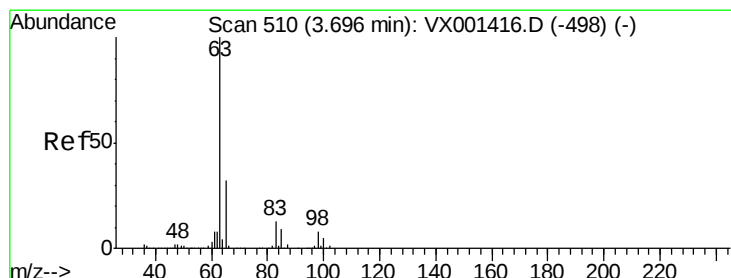
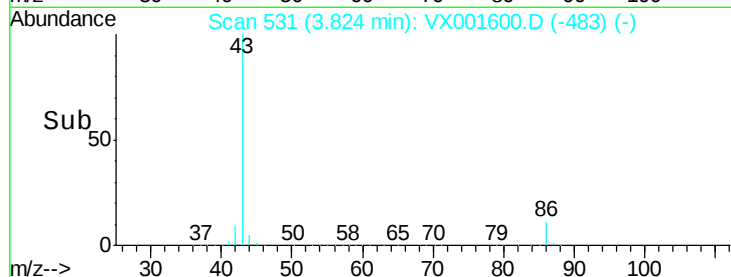
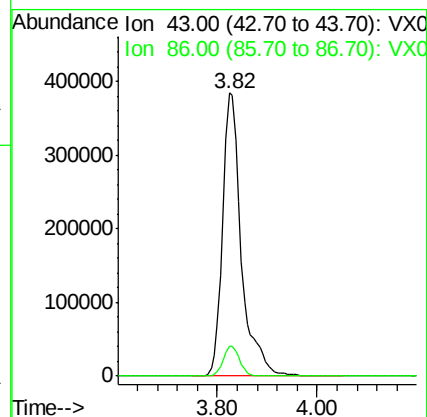
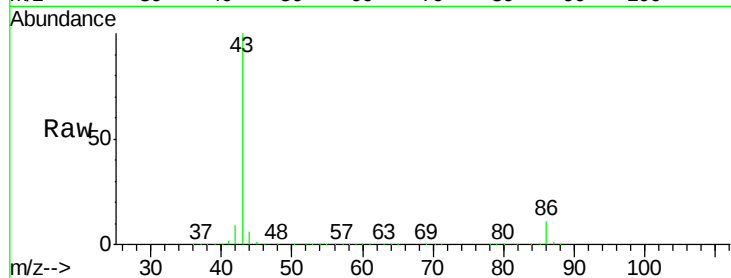




#23
 Vinyl Acetate
 Concen: 110.91 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

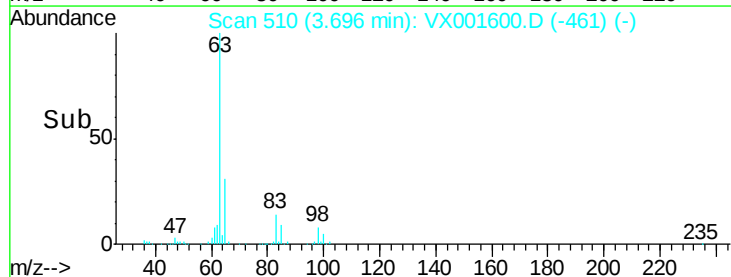
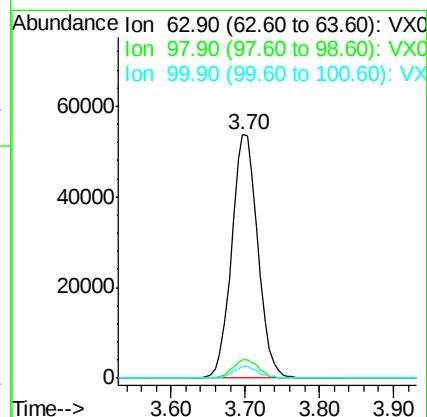
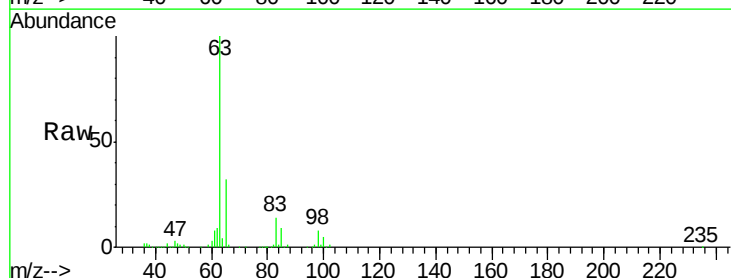
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

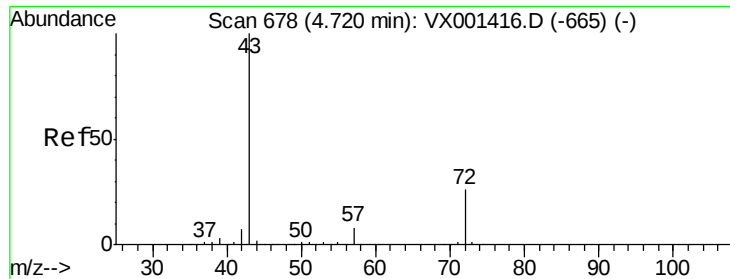
Tgt Ion: 43 Resp: 1001700
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.78 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 63 Resp: 131821
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 108.91 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

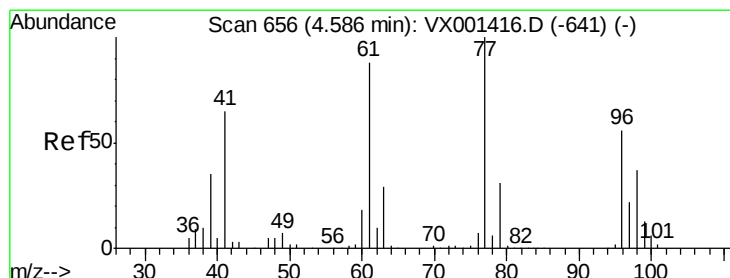
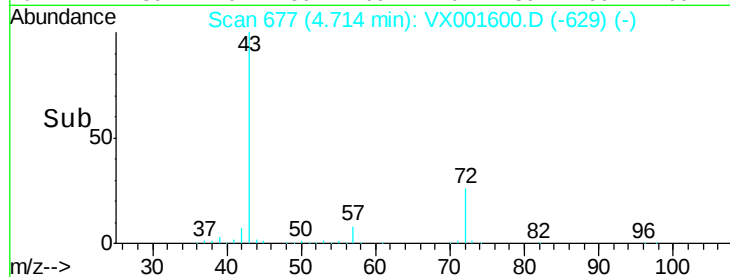
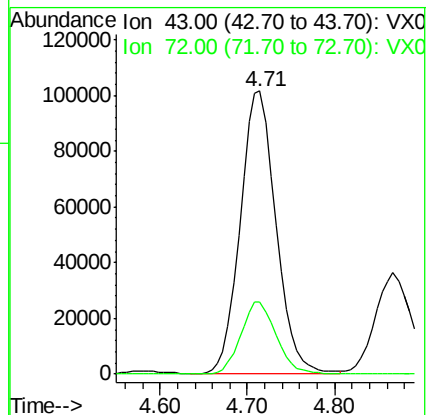
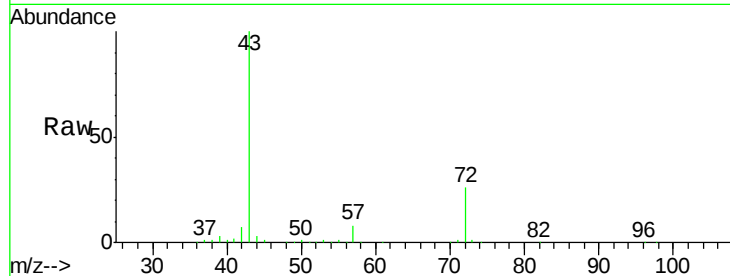
VX0510WBS01

Tgt Ion: 43 Resp: 288861

Ion Ratio Lower Upper

43 100

72 25.5 20.7 31.1



#26

2,2-Dichloropropane

Concen: 22.57 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001600.D

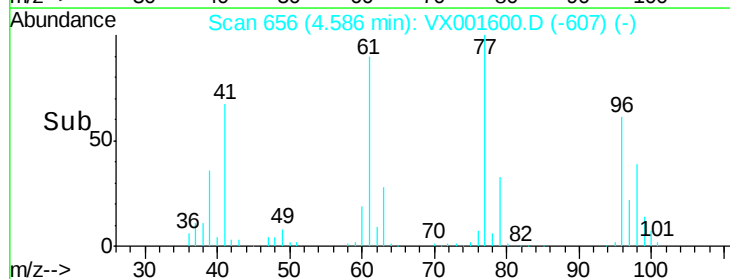
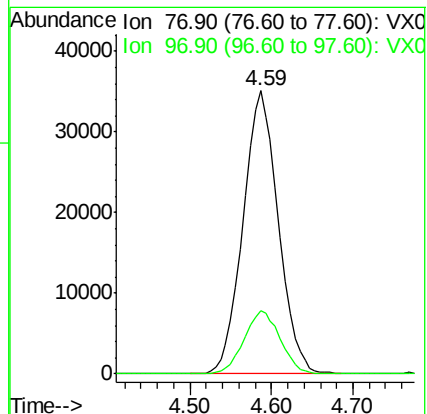
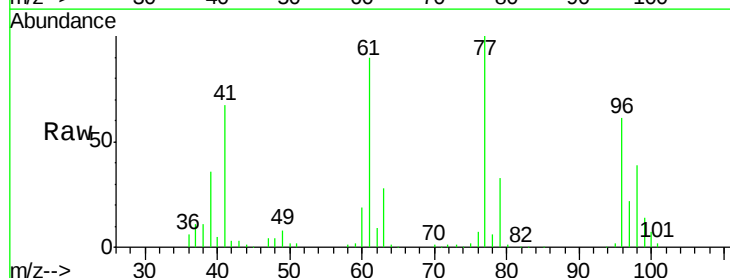
Acq: 10 May 2018 14:14

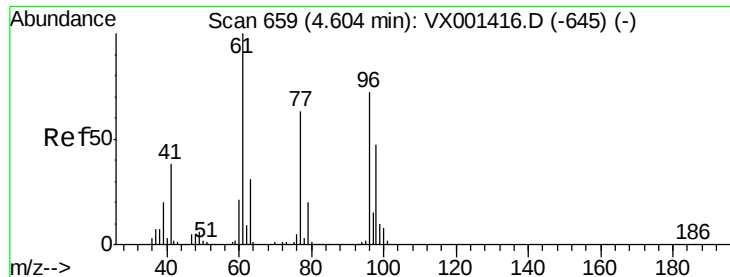
Tgt Ion: 77 Resp: 105499

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6



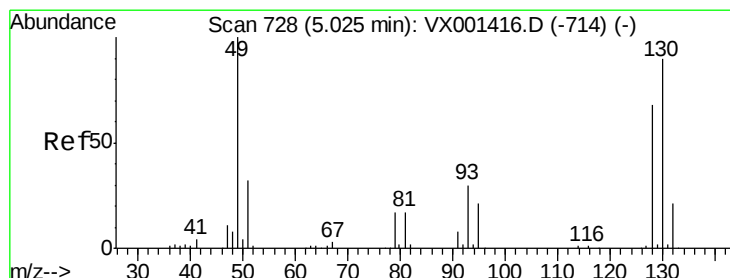
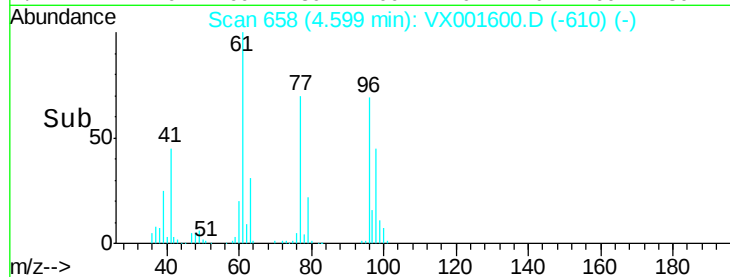
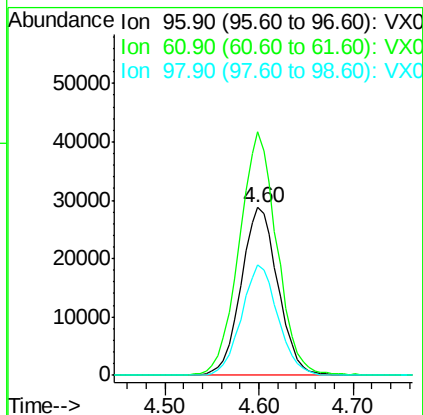
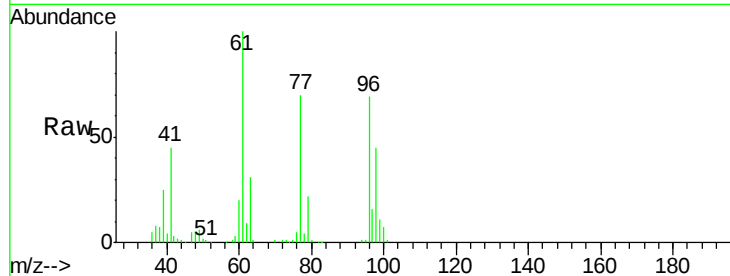


#27

cis-1,2-Dichloroethene
 Concen: 21.30 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBS01

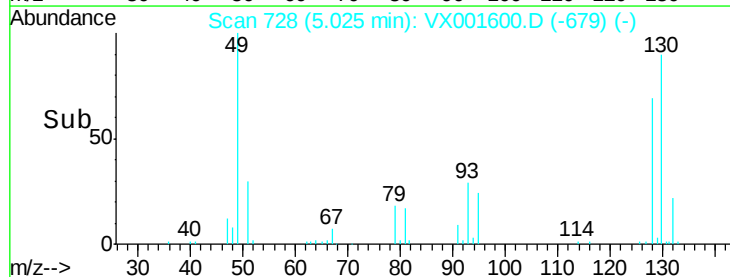
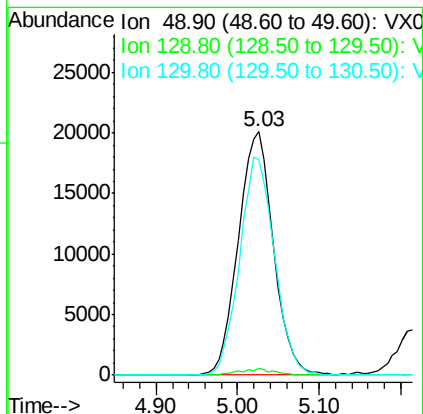
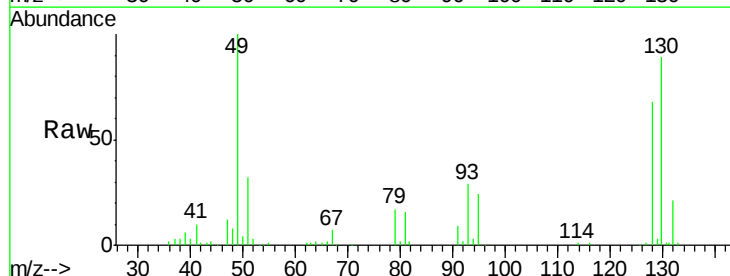
Tgt Ion: 96 Resp: 78745
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 301.6
 98 65.5 0.0 131.6

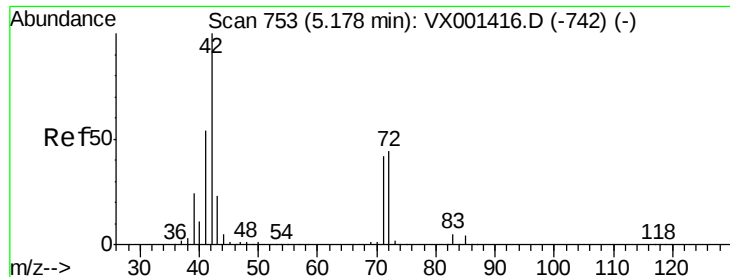


#28

Bromochloromethane
 Concen: 22.93 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 49 Resp: 60175
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 88.6 71.9 107.9

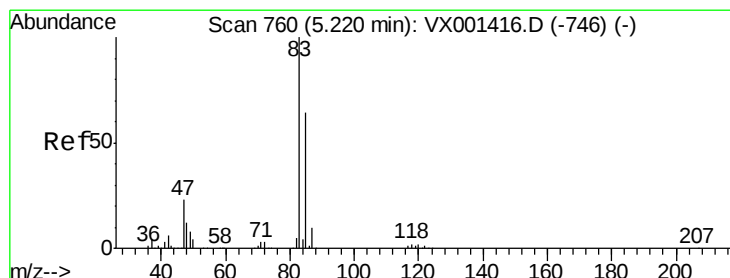
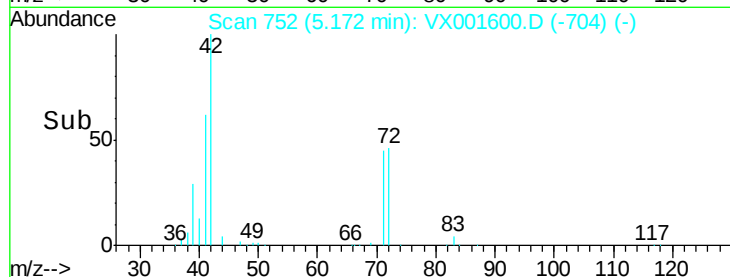
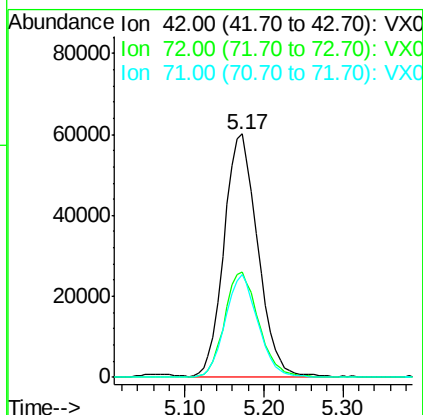
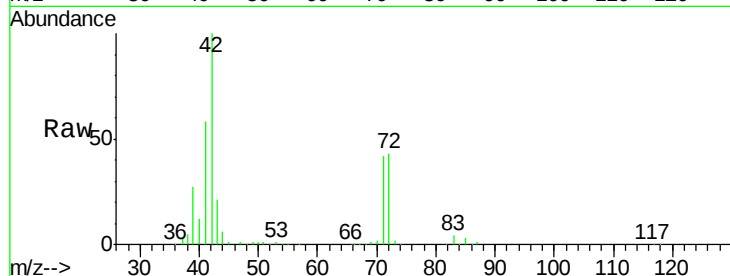




#29
Tetrahydrofuran
Concen: 104.76 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

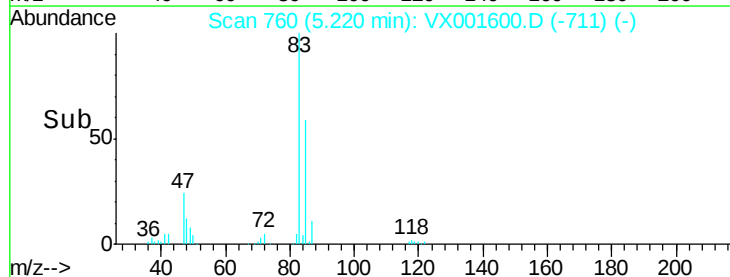
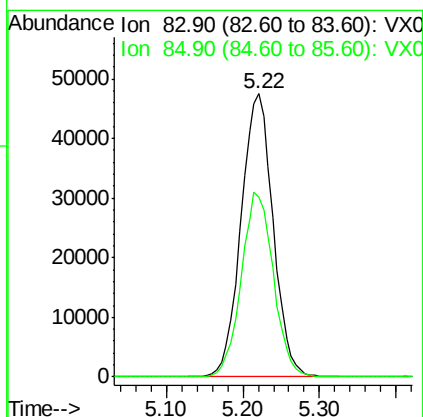
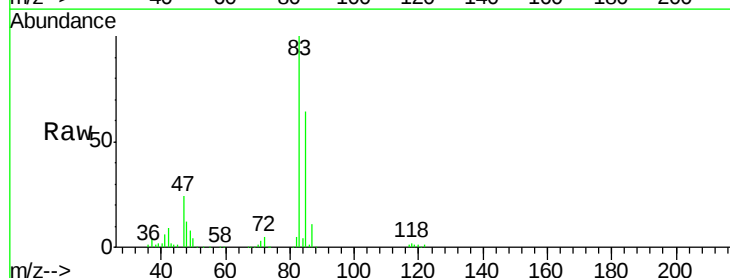
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

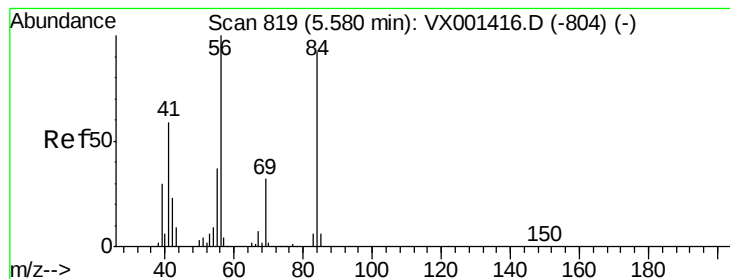
Tgt Ion: 42 Resp: 177776
Ion Ratio Lower Upper
42 100
72 44.1 35.4 53.2
71 41.2 33.0 49.4



#30
Chloroform
Concen: 22.13 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion: 83 Resp: 137993
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.4





#31

Cyclohexane

Concen: 21.38 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

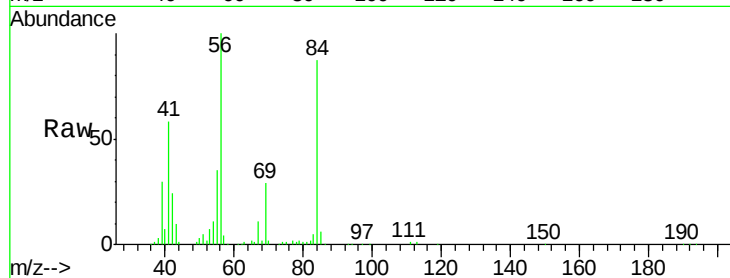
Tgt Ion: 56 Resp: 111180

Ion Ratio Lower Upper

56 100

69 28.9 25.4 38.0

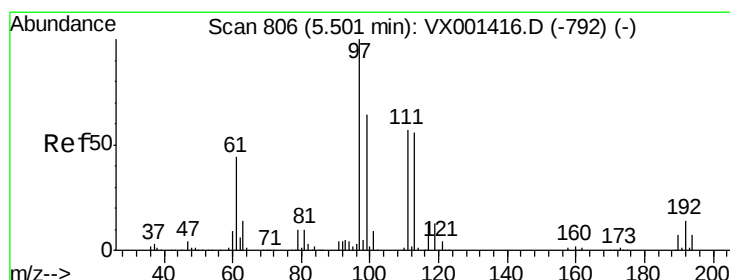
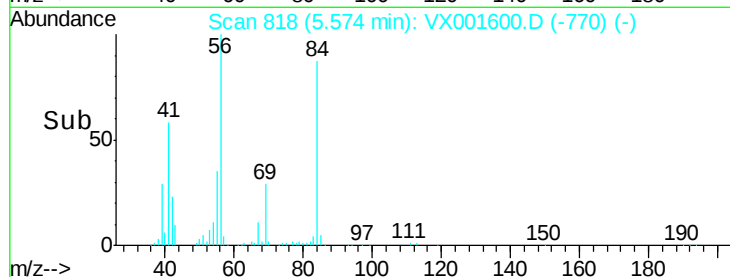
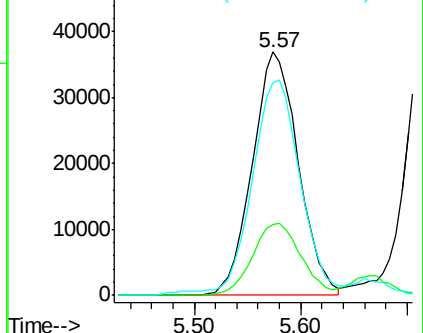
84 85.5 73.8 110.8



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: 22.25 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

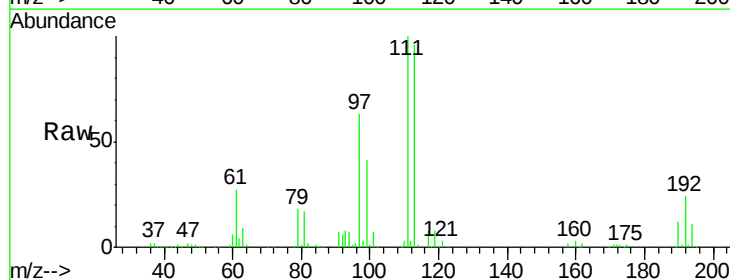
Tgt Ion: 97 Resp: 121277

Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

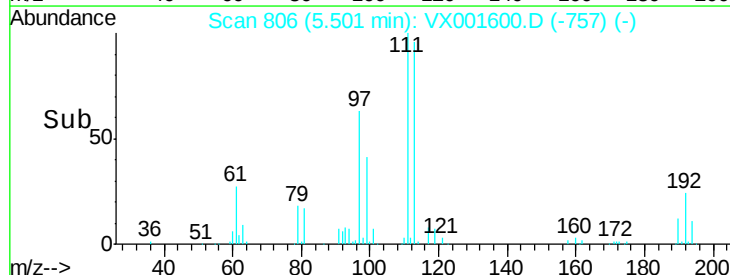
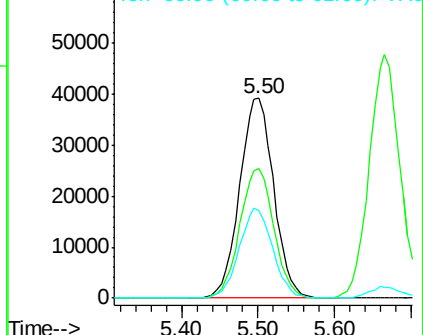
61 44.4 34.8 52.2

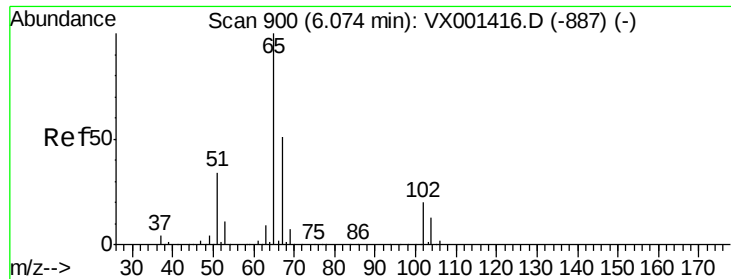


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.66 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

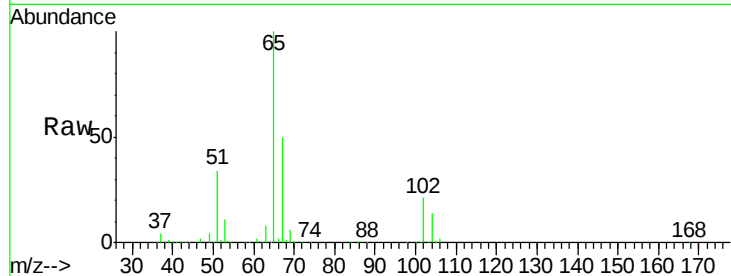
VX0510WBS01

Tgt Ion: 65 Resp: 216832

Ion Ratio Lower Upper

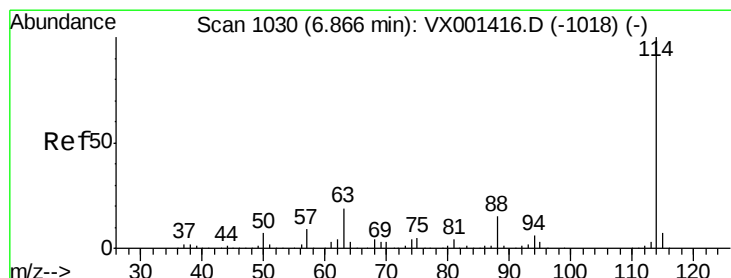
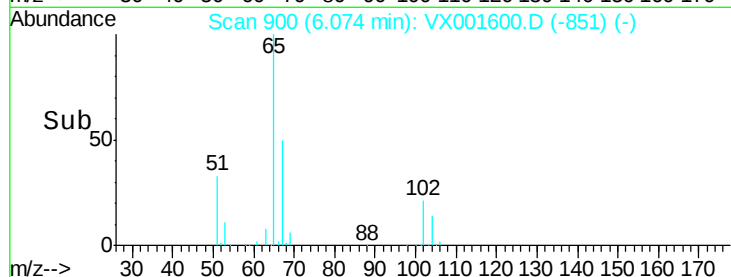
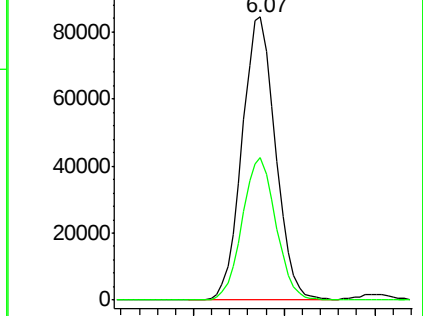
65 100

67 50.6 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

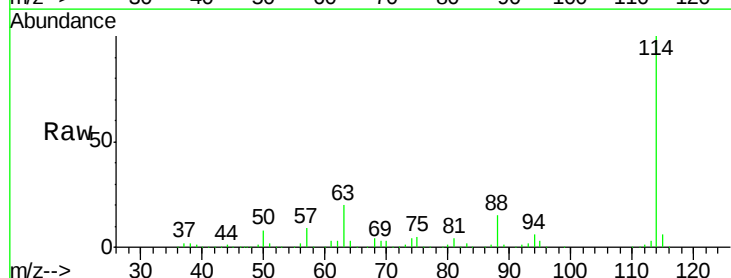
Tgt Ion: 114 Resp: 351578

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

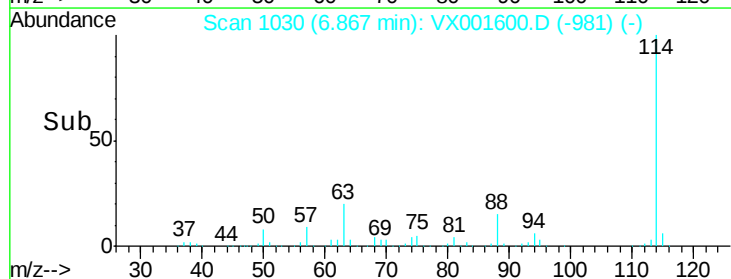
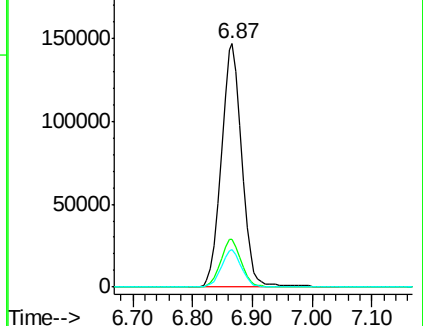
88 15.2 0.0 30.8

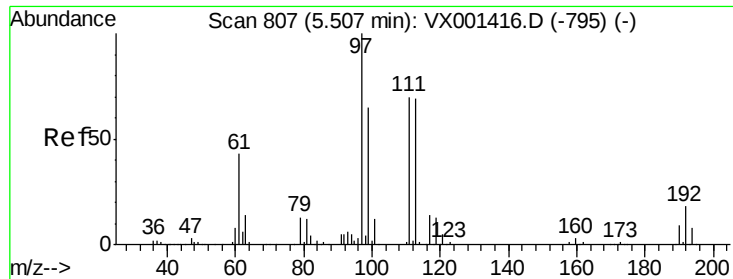


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

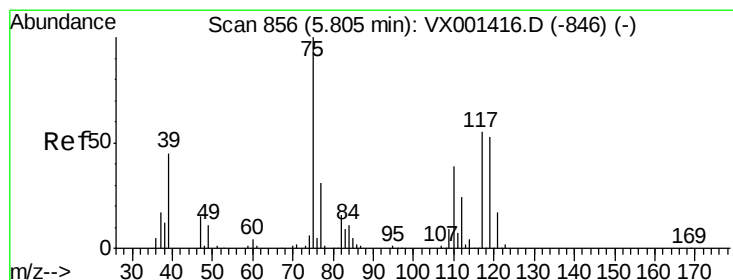
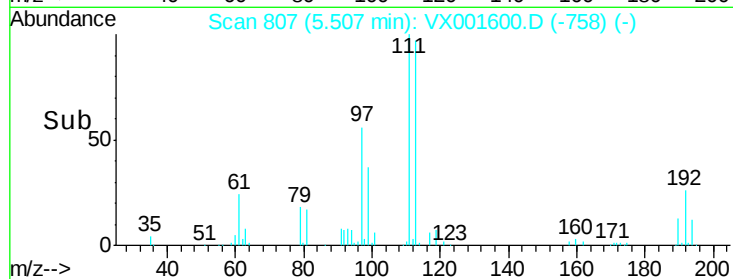
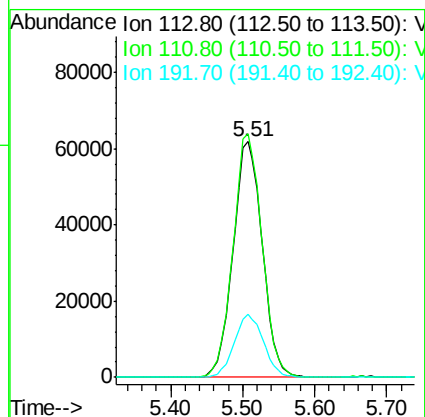
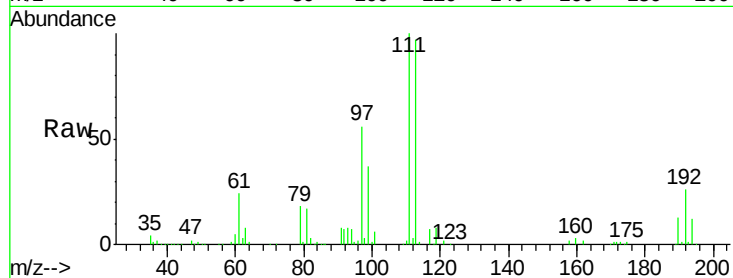




#35
 Dibromofluoromethane
 Concen: 55.82 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

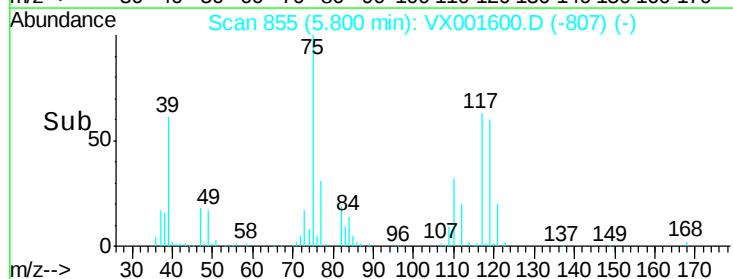
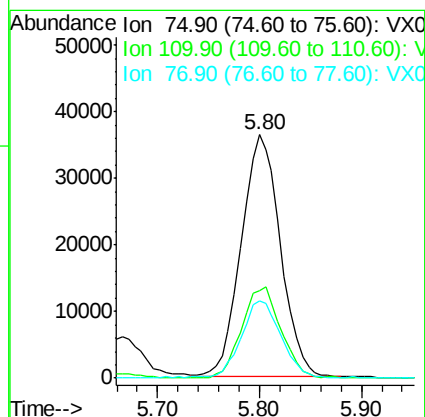
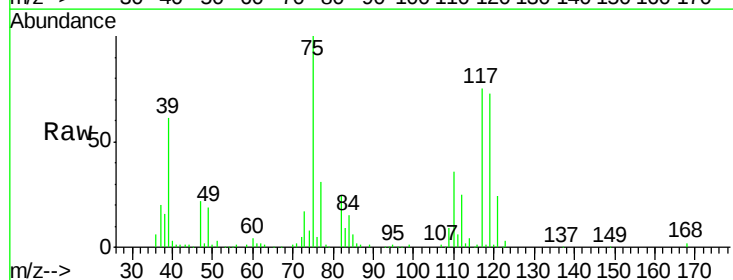
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

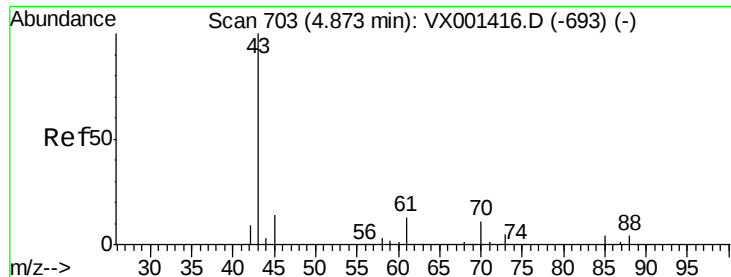
Tgt Ion:113 Resp: 174555
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 26.6 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 21.63 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 75 Resp: 96753
 Ion Ratio Lower Upper
 75 100
 110 38.2 18.9 56.7
 77 31.8 24.9 37.3

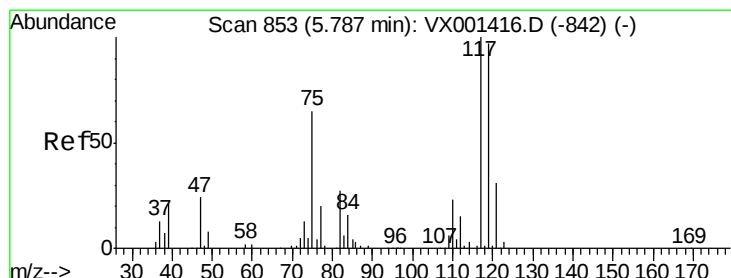
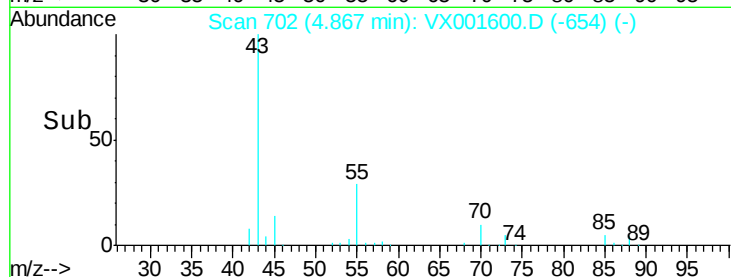
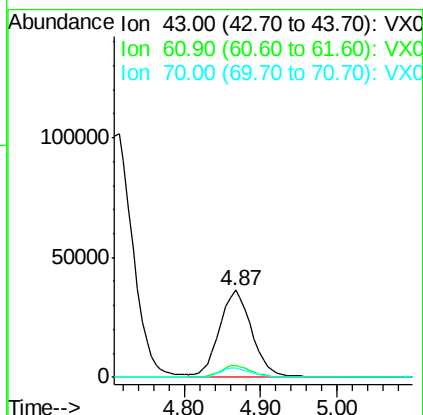
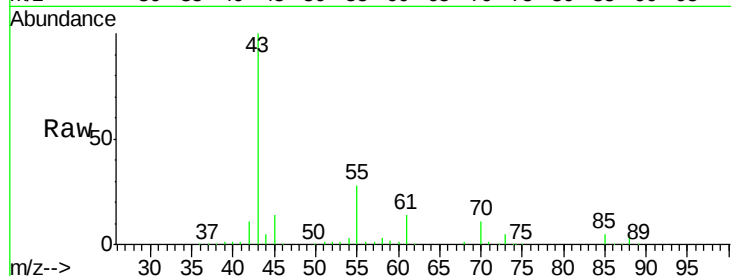




#37
Ethyl Acetate
Concen: 21.64 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

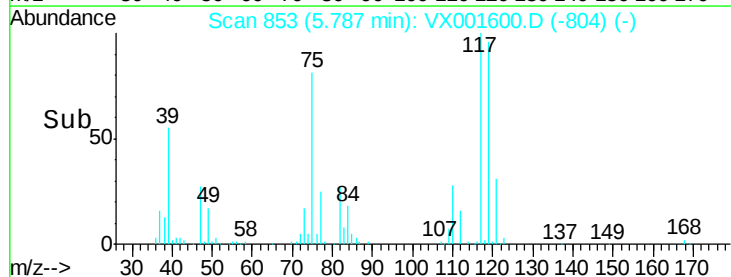
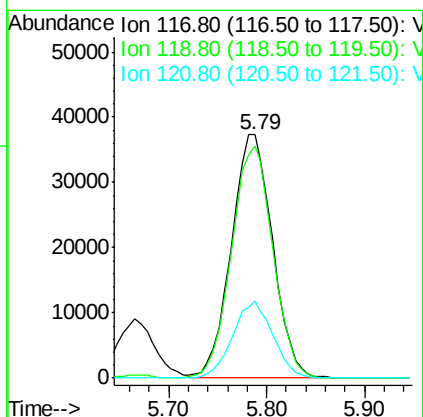
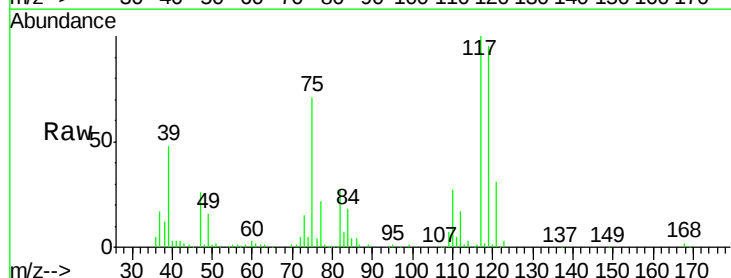
Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

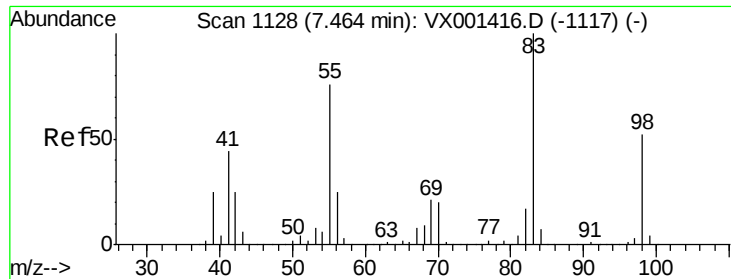
Tgt Ion: 43 Resp: 106105
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 22.88 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion: 117 Resp: 109151
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.6
121 31.5 25.1 37.7

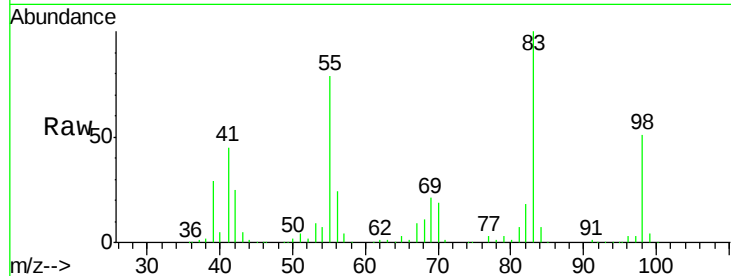




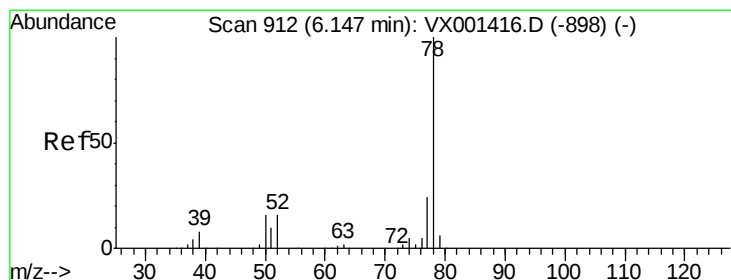
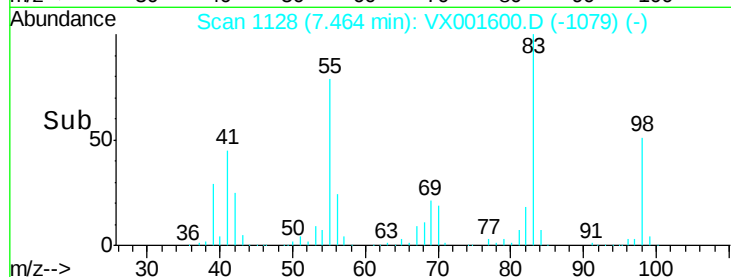
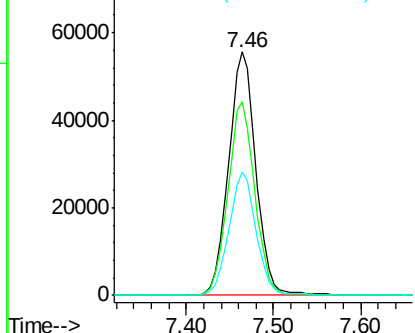
#39
Methylcyclohexane
Concen: 22.80 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion: 83 Resp: 120541
Ion Ratio Lower Upper
83 100
55 79.3 60.9 91.3
98 50.7 41.9 62.9

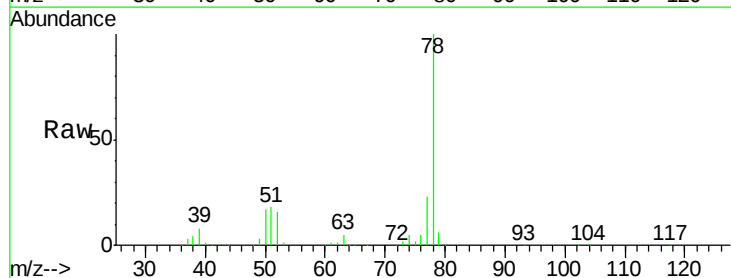


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

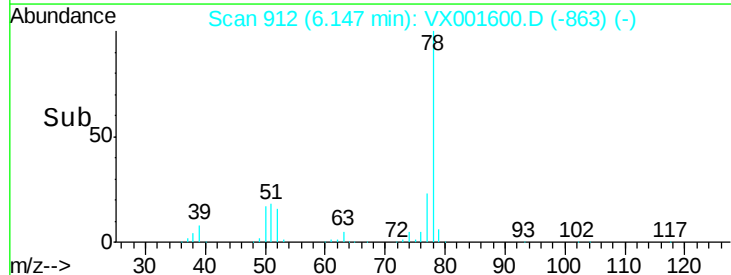
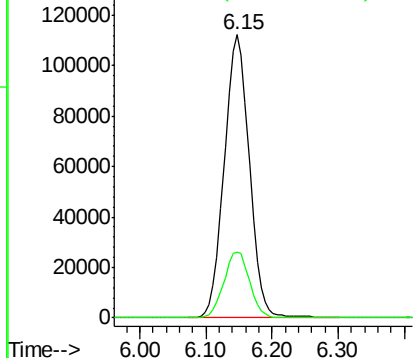


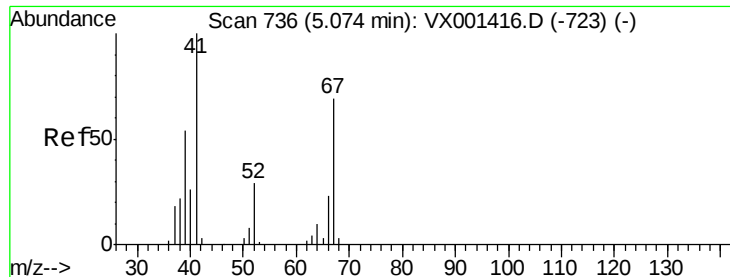
#40
Benzene
Concen: 22.64 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion: 78 Resp: 295783
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

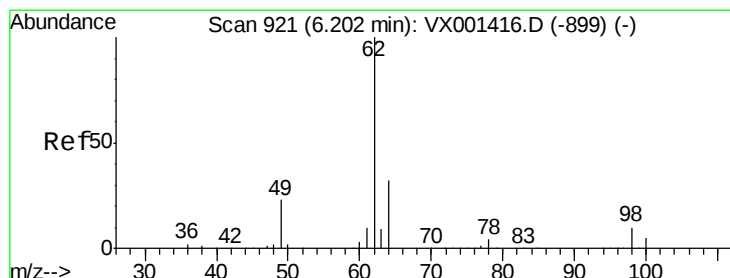
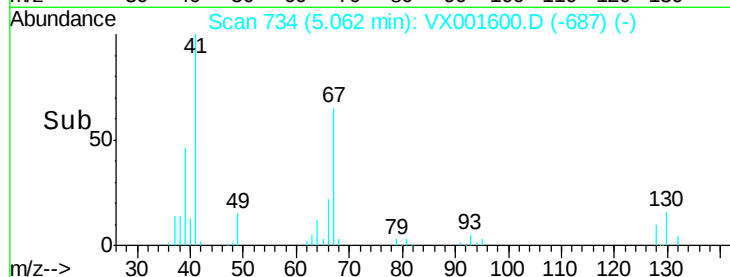
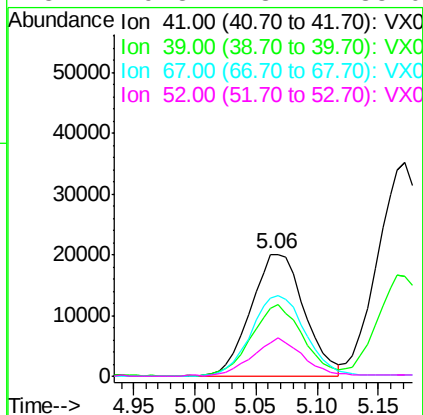
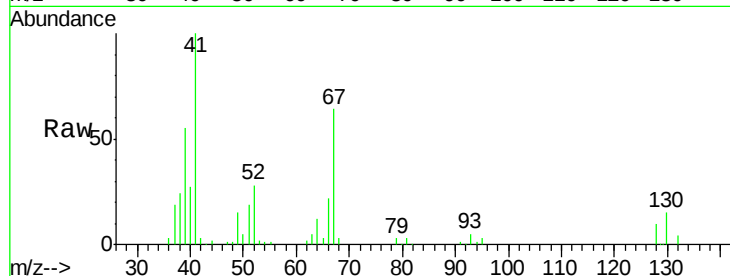




#41
Methacrylonitrile
Concen: 21.89 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

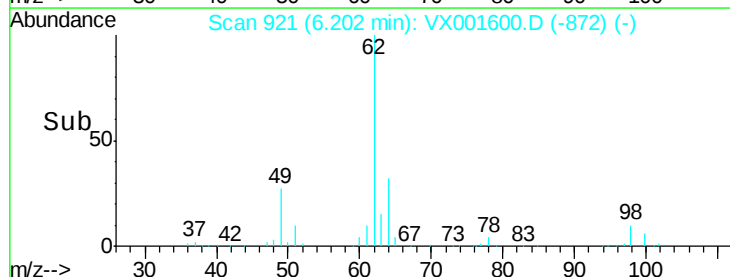
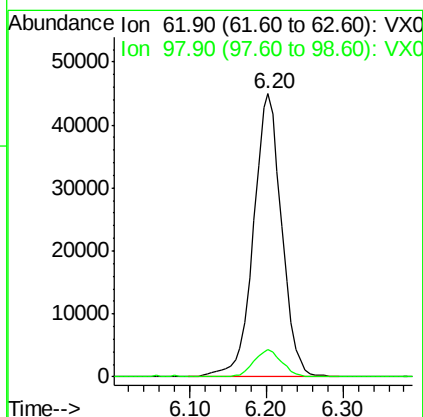
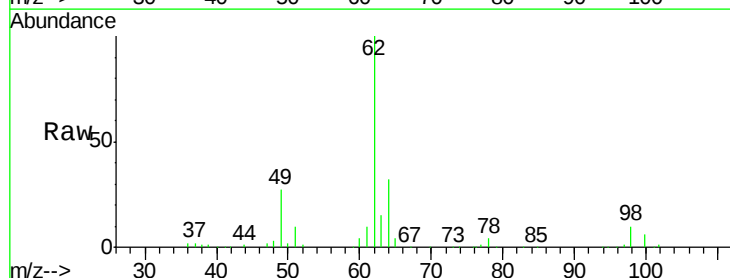
Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

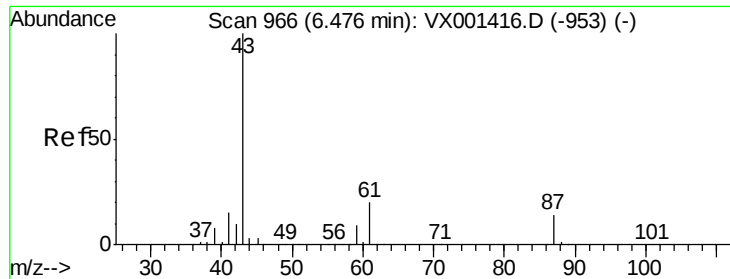
Tgt Ion:	41	Resp:	61411
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.0	67.6
67	67.1	55.0	82.6
52	29.8	23.4	35.0



#42
1,2-Dichloroethane
Concen: 22.87 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion:	62	Resp:	114829
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





#43

Isopropyl Acetate

Concen: 22.04 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

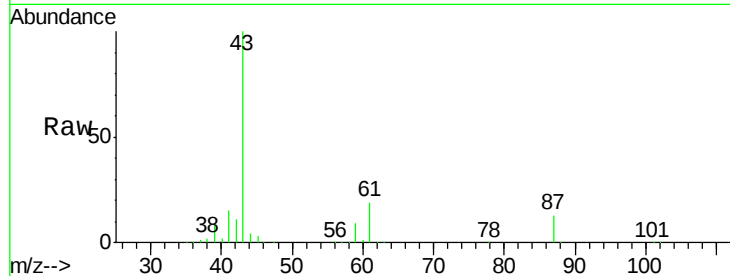
Tgt Ion: 43 Resp: 165845

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.0

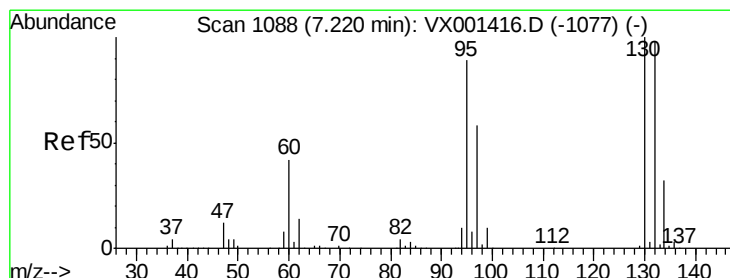
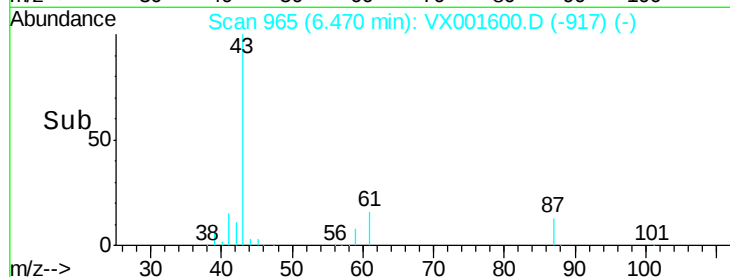
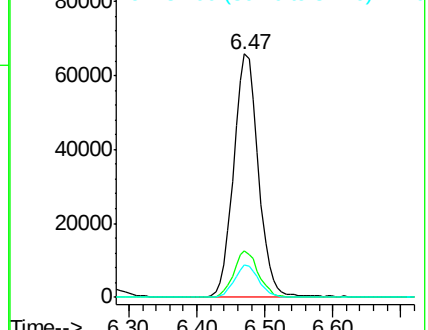
87 13.2 10.8 16.2



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: 22.74 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001600.D

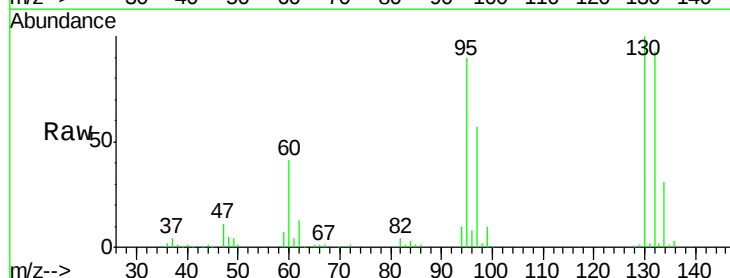
Acq: 10 May 2018 14:14

Tgt Ion: 130 Resp: 90800

Ion Ratio Lower Upper

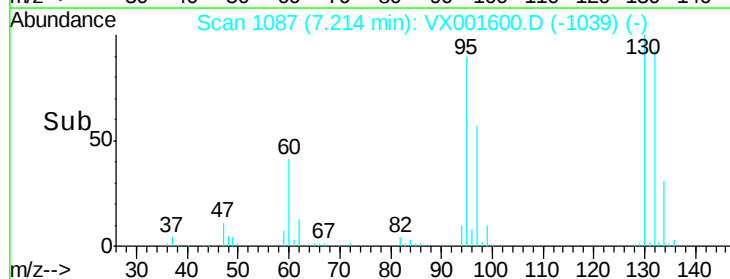
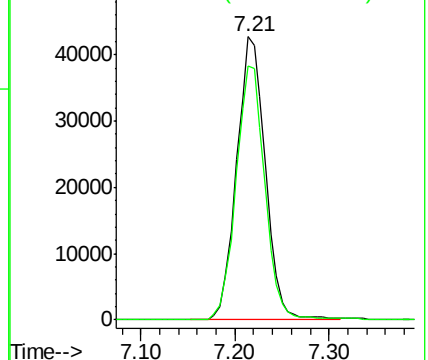
130 100

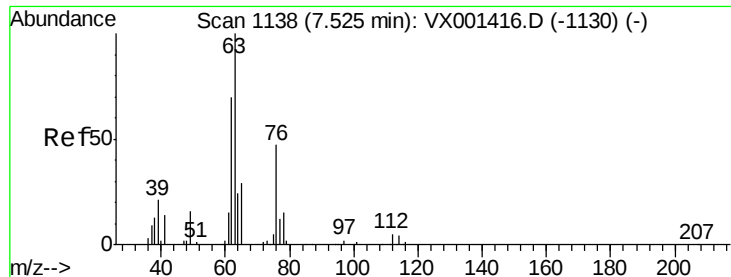
95 89.9 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 23.12 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

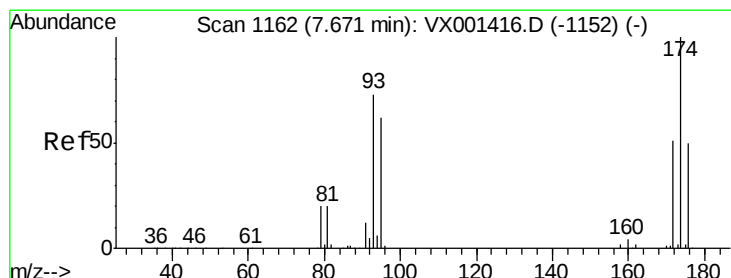
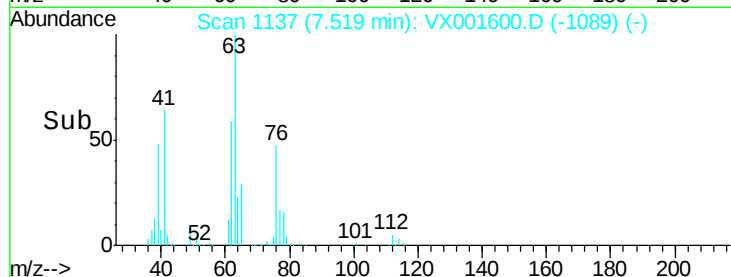
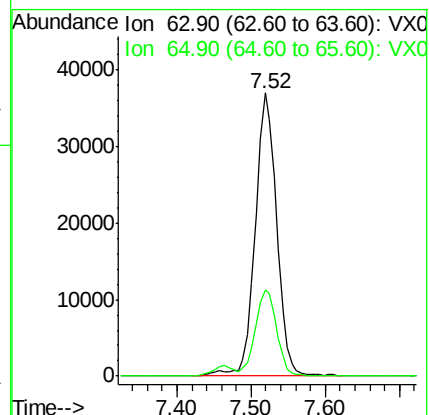
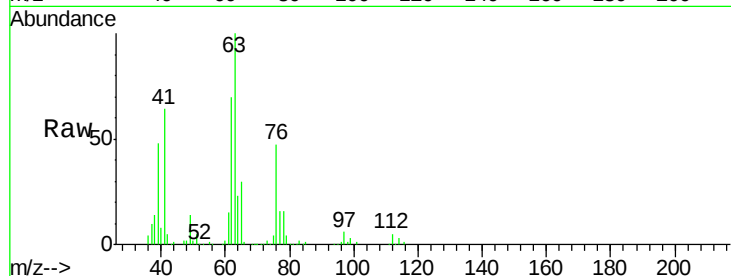
VX0510WBS01

Tgt Ion: 63 Resp: 75301

Ion Ratio Lower Upper

63 100

65 30.3 24.5 36.7



#46

Dibromomethane

Concen: 22.41 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

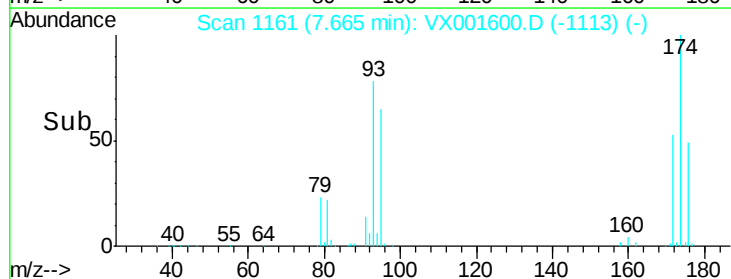
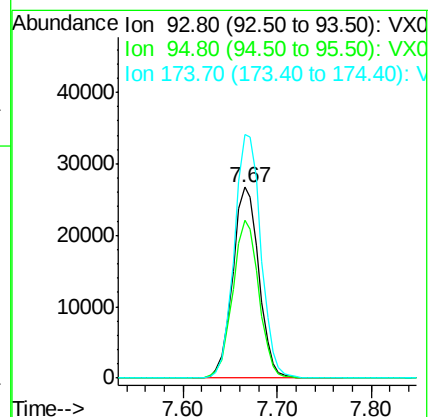
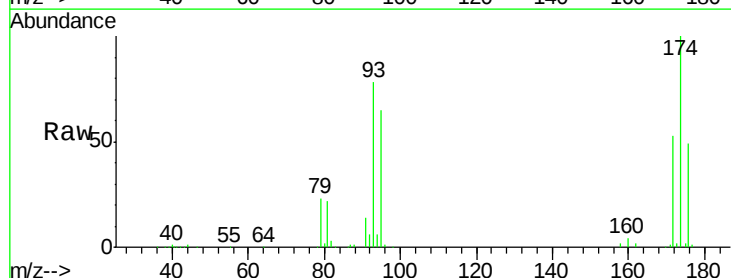
Tgt Ion: 93 Resp: 51675

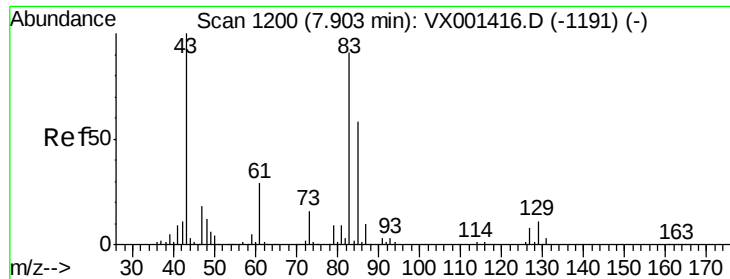
Ion Ratio Lower Upper

93 100

95 82.1 67.0 100.4

174 129.3 104.5 156.7





#47

Bromodichloromethane

Concen: 22.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

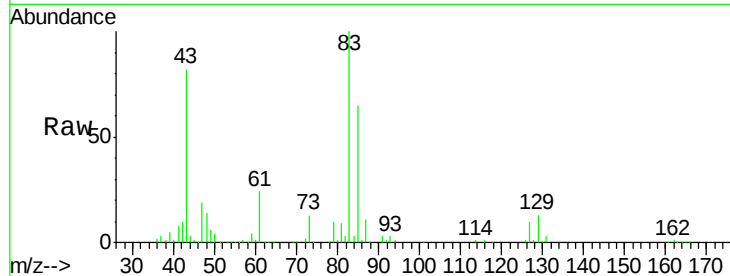
Tgt Ion: 83 Resp: 96270

Ion Ratio Lower Upper

83 100

85 64.8 51.0 76.6

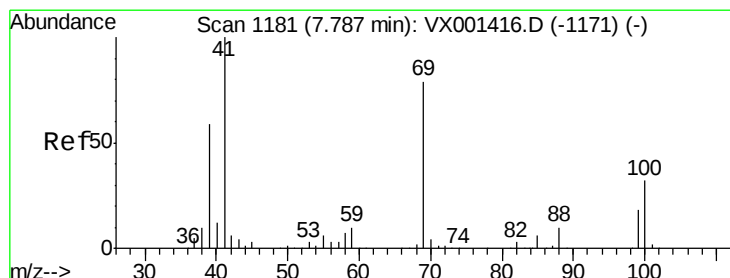
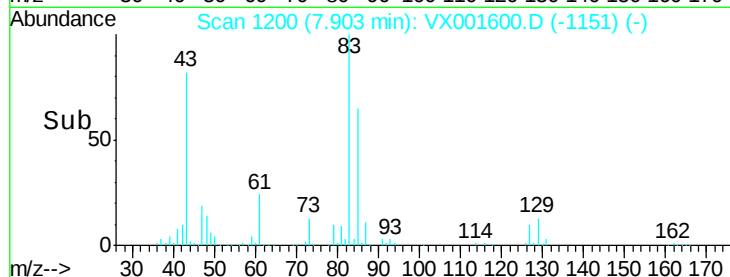
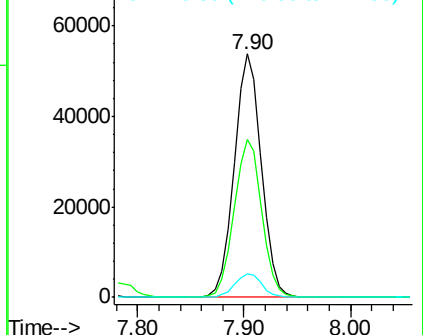
127 9.6 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.02 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

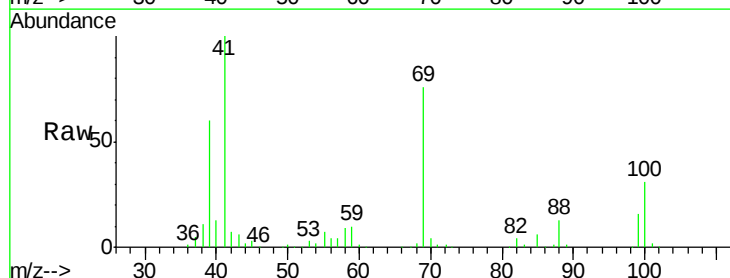
Tgt Ion: 41 Resp: 90231

Ion Ratio Lower Upper

41 100

69 79.2 63.4 95.2

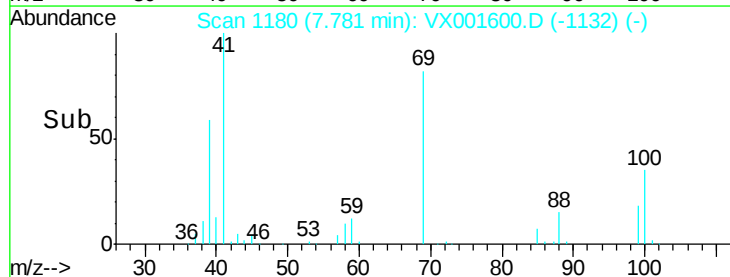
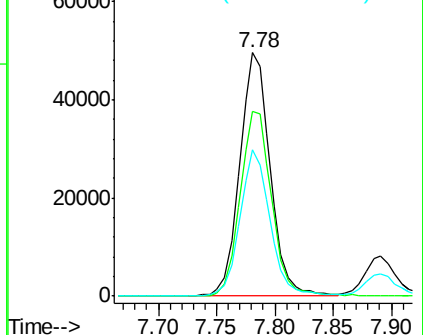
39 58.8 47.0 70.4

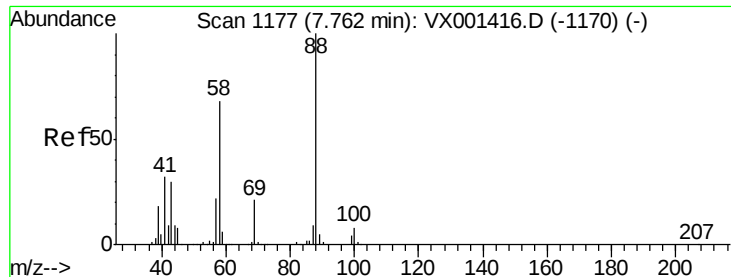


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

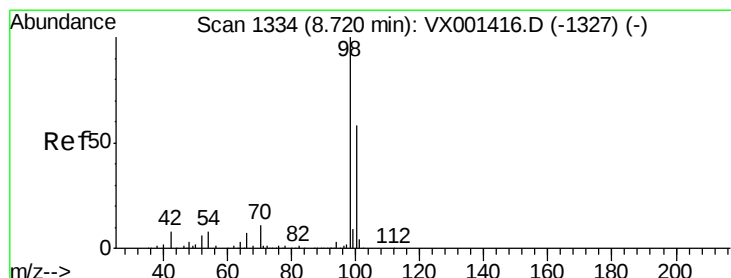
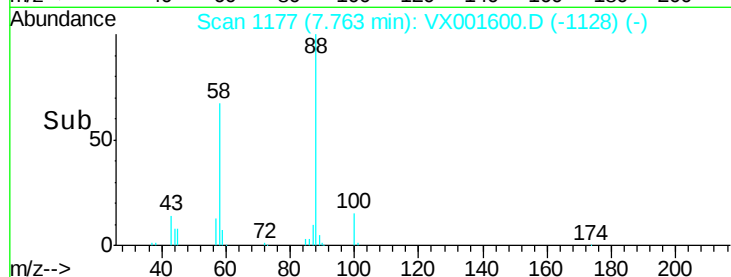
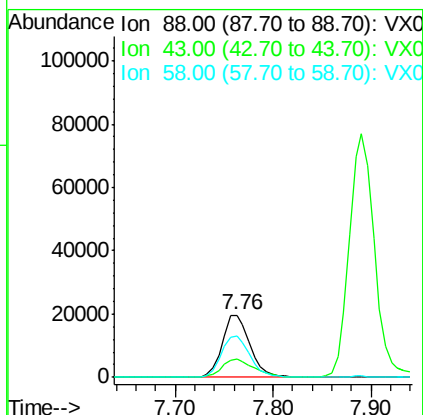
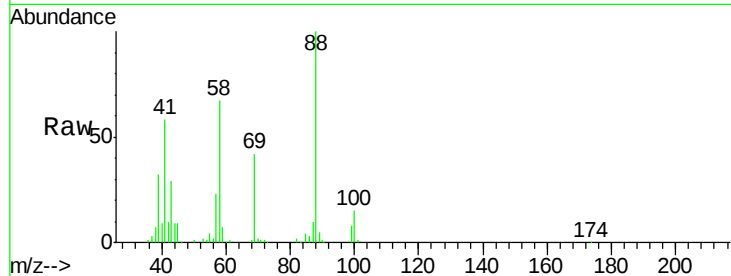




#49
 1,4-Dioxane
 Concen: 434.95 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

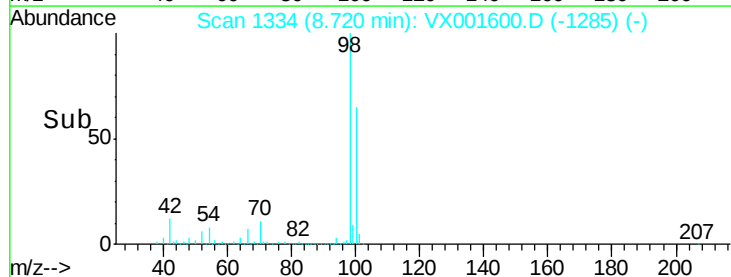
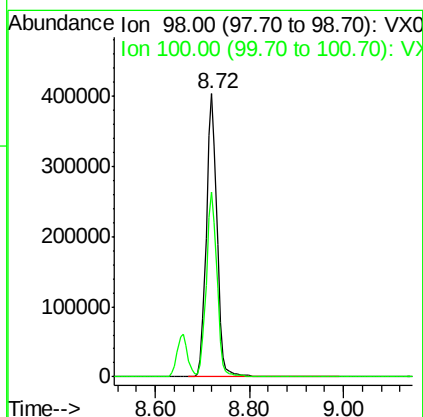
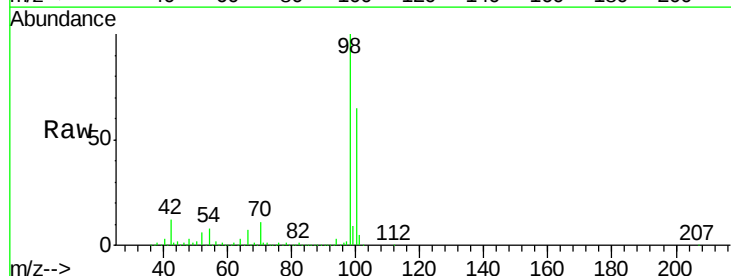
Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBS01

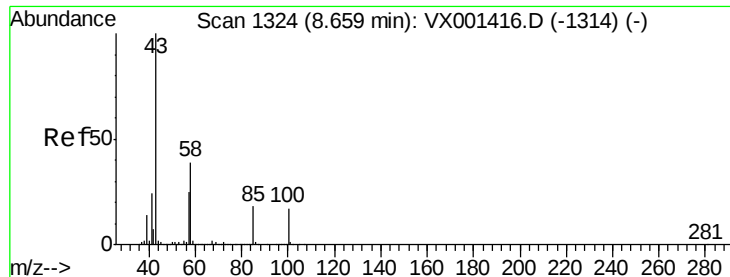
Tgt Ion: 88 Resp: 38508
 Ion Ratio Lower Upper
 88 100
 43 33.6 26.4 39.6
 58 69.7 54.1 81.1



#50
 Toluene-d8
 Concen: 55.68 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 98 Resp: 635607
 Ion Ratio Lower Upper
 98 100
 100 65.9 54.0 81.0

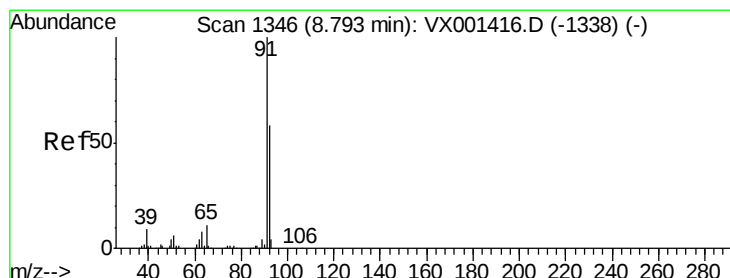
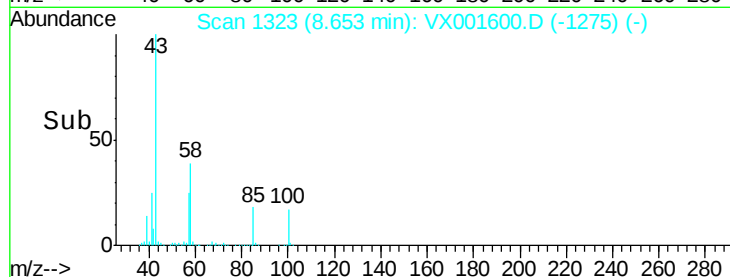
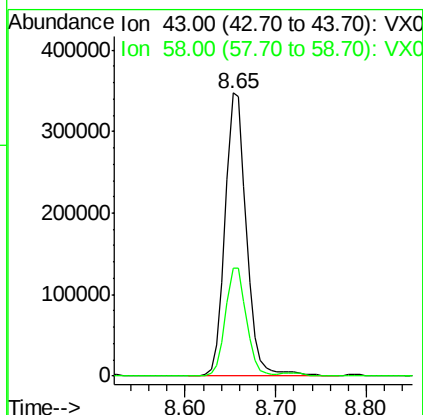
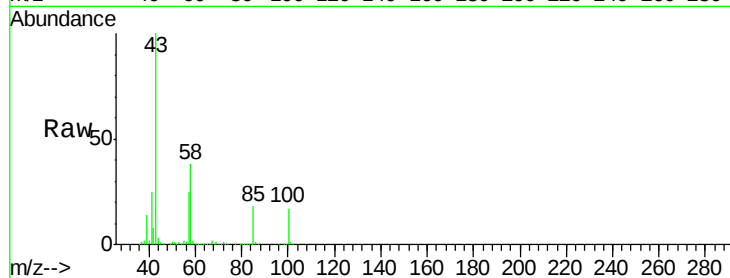




#51
 4-Methyl-2-Pentanone
 Concen: 113.98 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

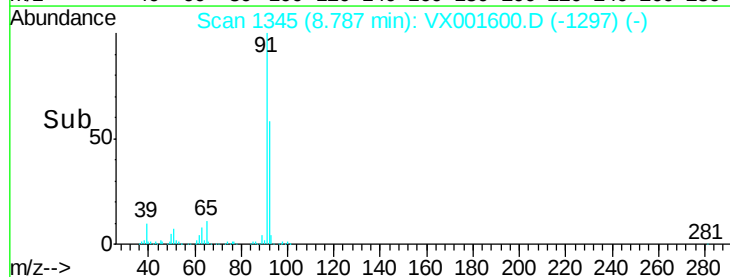
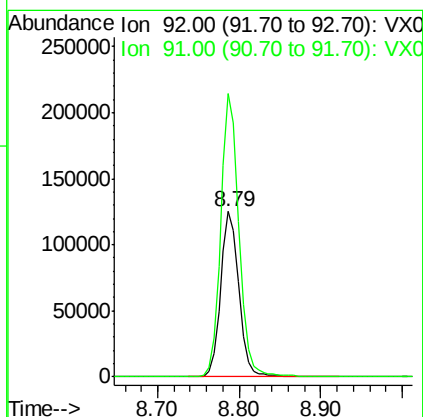
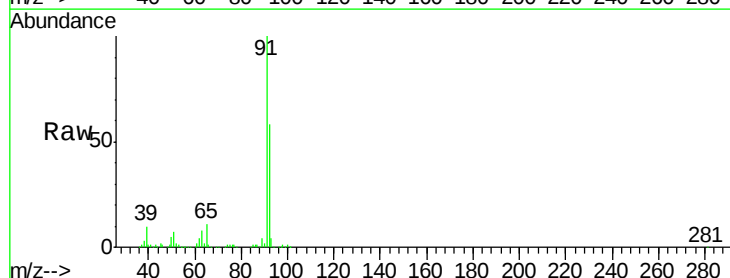
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

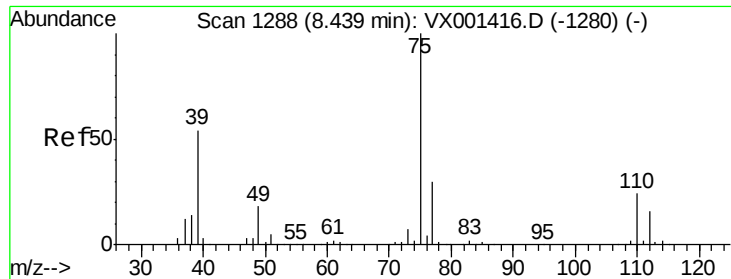
Tgt Ion: 43 Resp: 569987
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.8 46.2



#52
 Toluene
 Concen: 22.88 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 92 Resp: 195414
 Ion Ratio Lower Upper
 92 100
 91 171.2 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 22.90 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

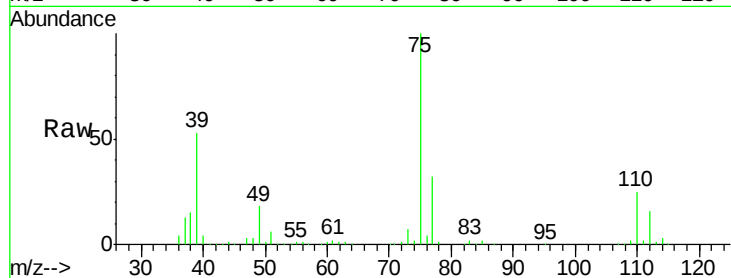
VX0510WBS01

Tgt Ion: 75 Resp: 110434

Ion Ratio Lower Upper

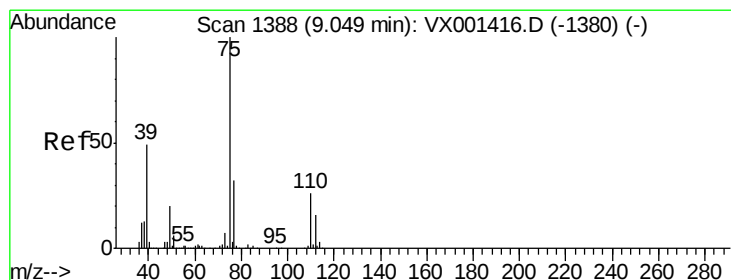
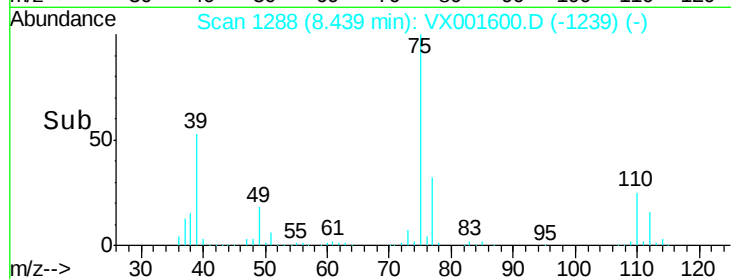
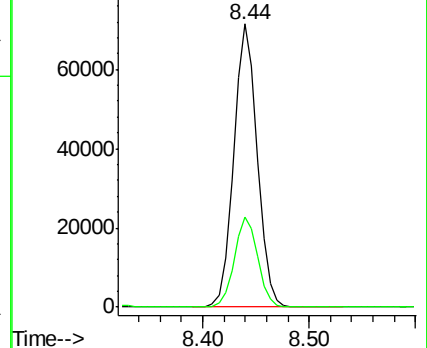
75 100

77 31.9 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.08 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

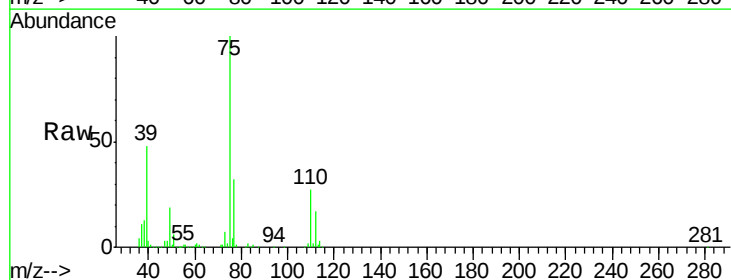
Tgt Ion: 75 Resp: 98250

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

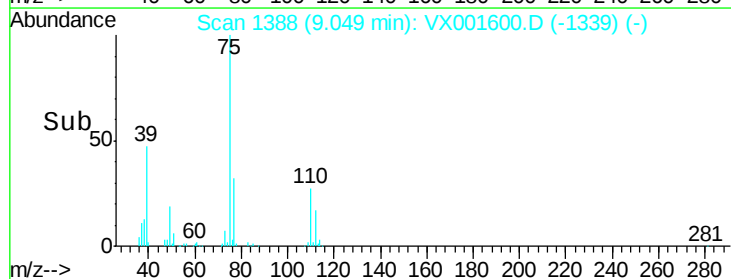
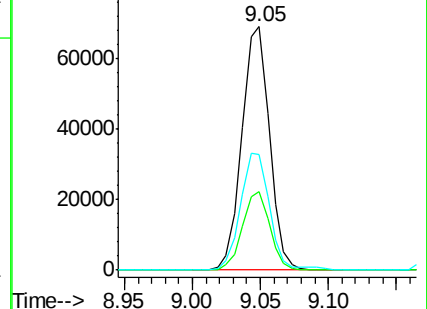
39 47.7 38.9 58.3

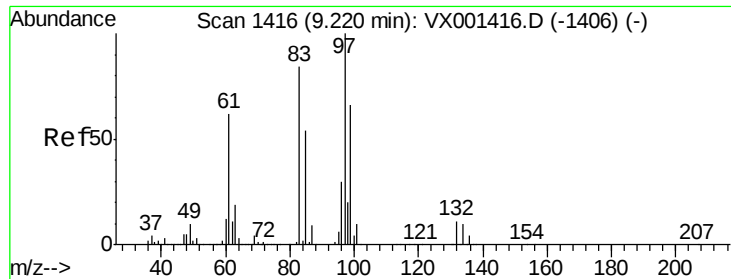


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

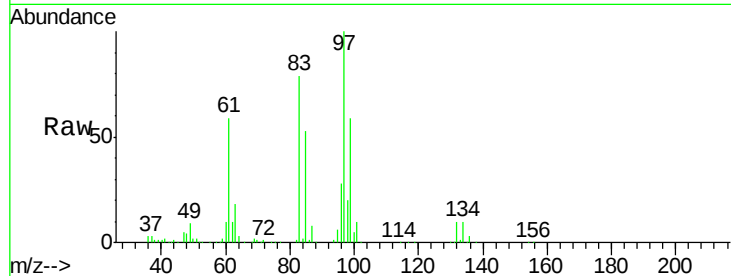




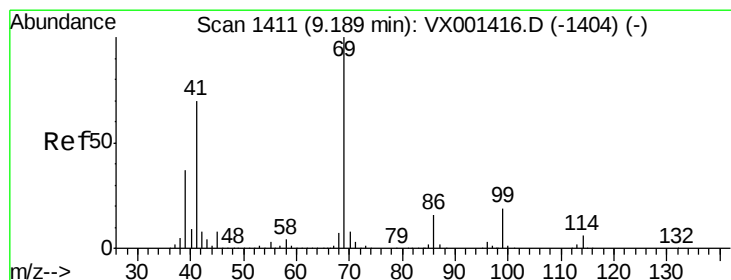
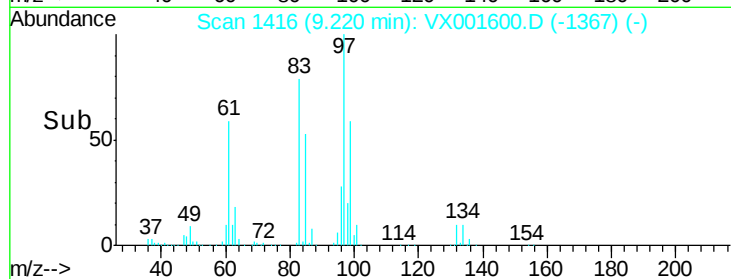
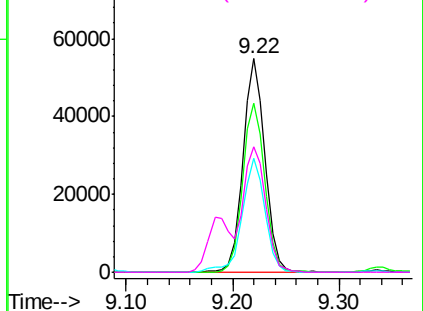
#55
 1,1,2-Trichloroethane
 Concen: 22.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tgt Ion:	97	Resp:	78900
Ion	Ratio	Lower	Upper
97	100		
83	79.4	67.4	101.0
85	53.1	43.3	64.9
99	58.9	52.5	78.7

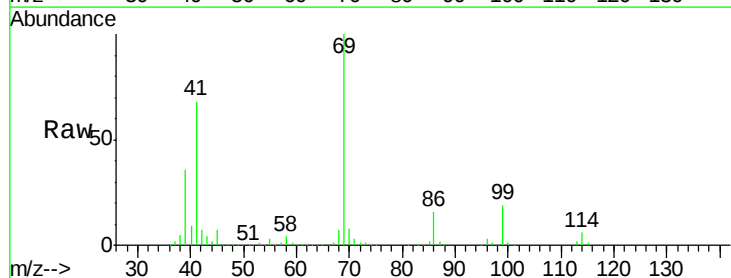


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

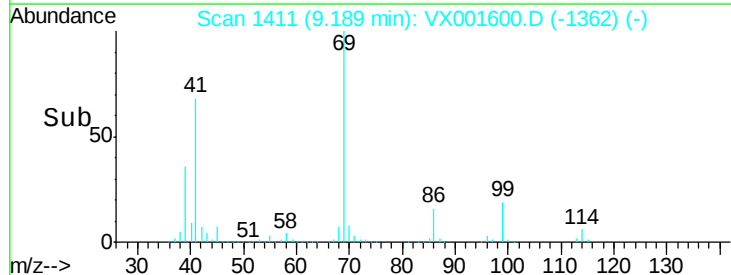
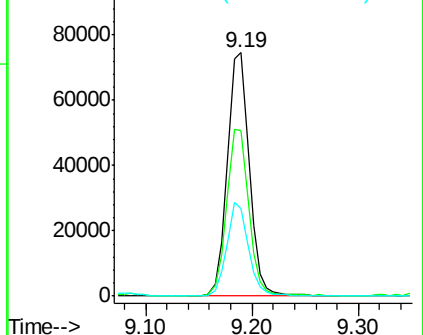


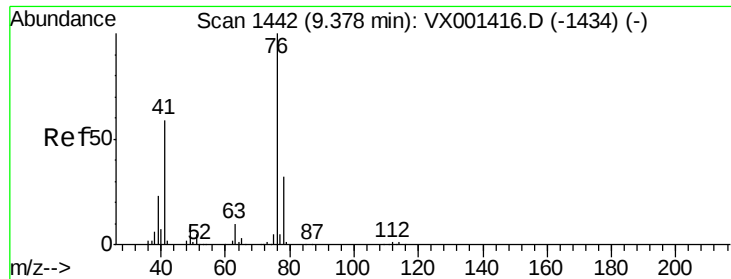
#56
 Ethyl methacrylate
 Concen: 22.00 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion:	69	Resp:	109133
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.1	82.7
39	37.4	29.9	44.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

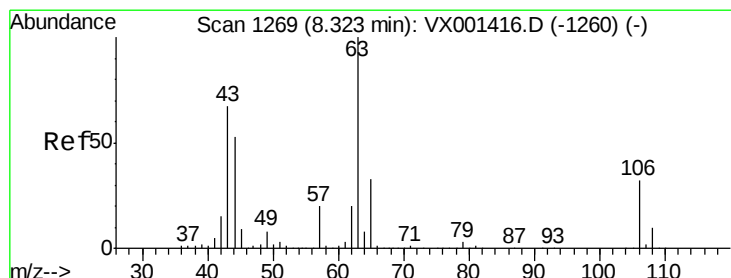
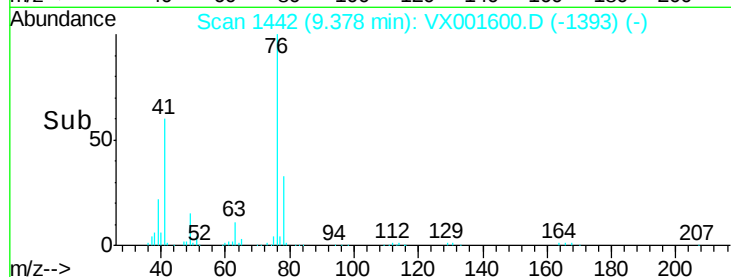
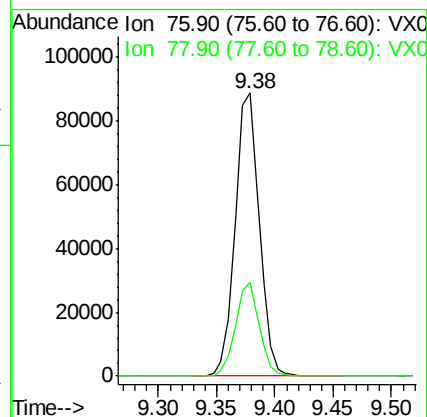
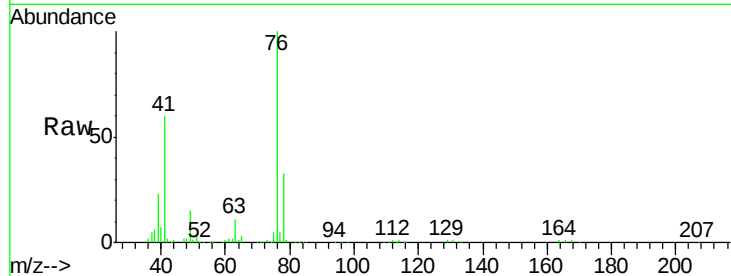




#57
 1,3-Dichloropropane
 Concen: 22.60 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

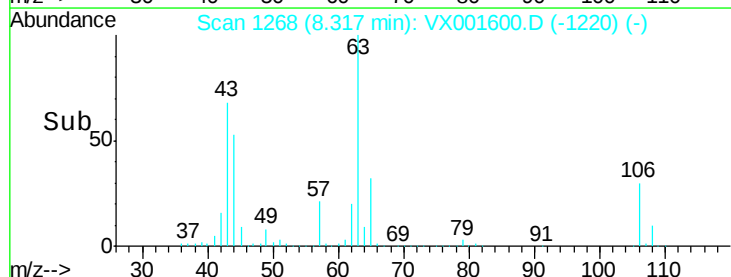
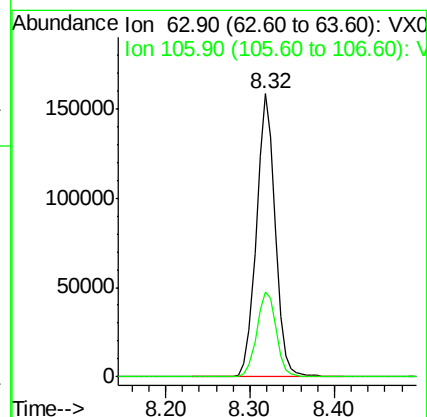
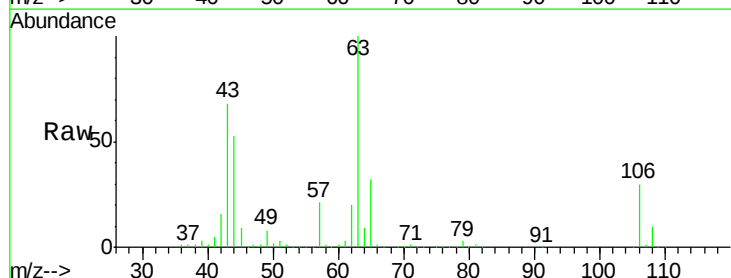
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

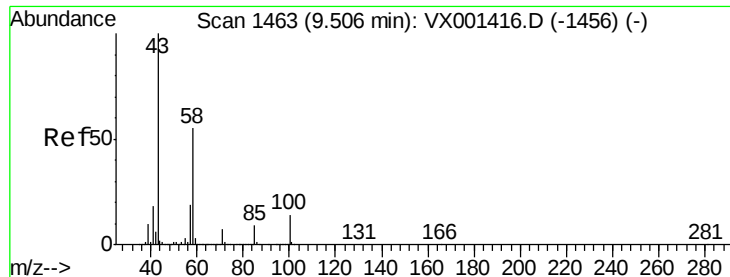
Tgt Ion: 76 Resp: 128596
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.00 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 63 Resp: 240865
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.4 38.0

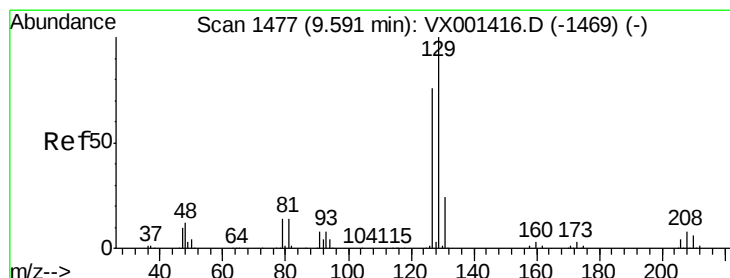
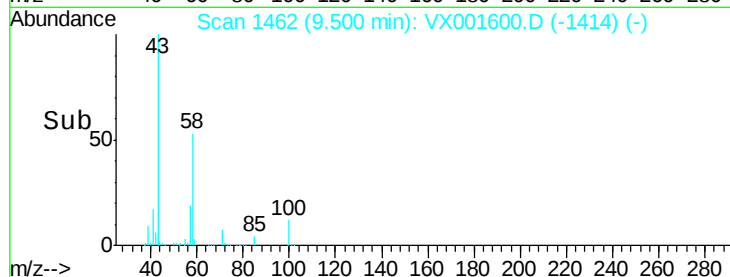
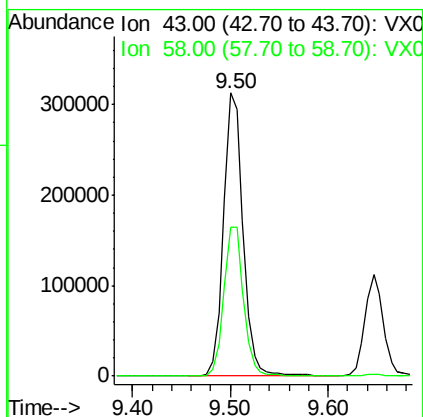
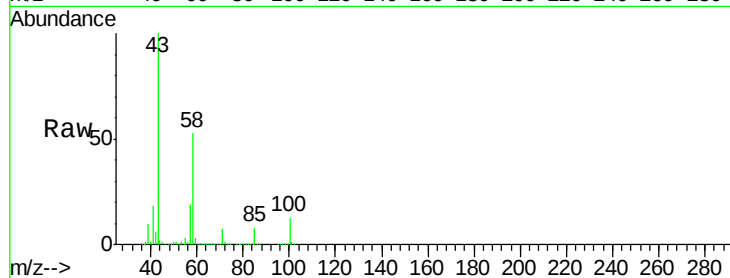




#59
2-Hexanone
Concen: 113.47 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

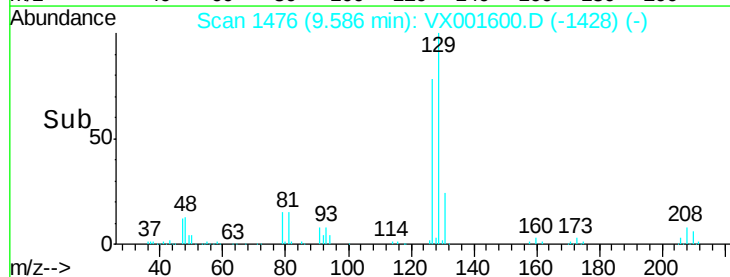
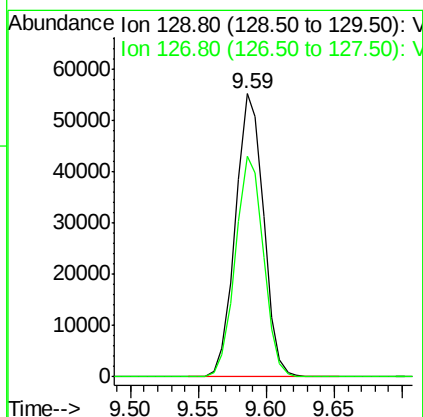
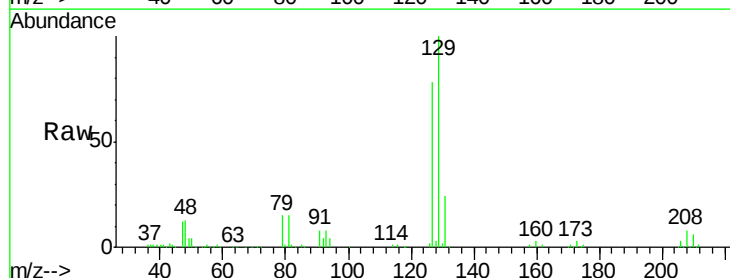
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

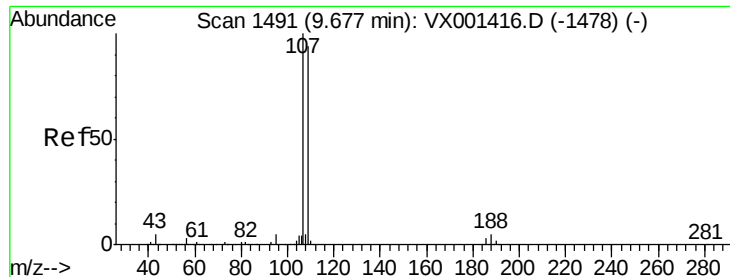
Tgt Ion: 43 Resp: 434532
Ion Ratio Lower Upper
43 100
58 53.5 27.1 81.2



#60
Dibromochloromethane
Concen: 22.51 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion: 129 Resp: 79326
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5

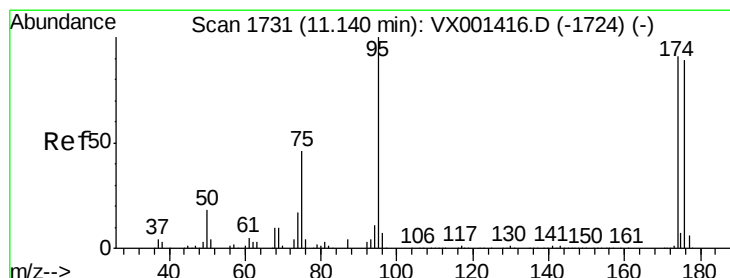
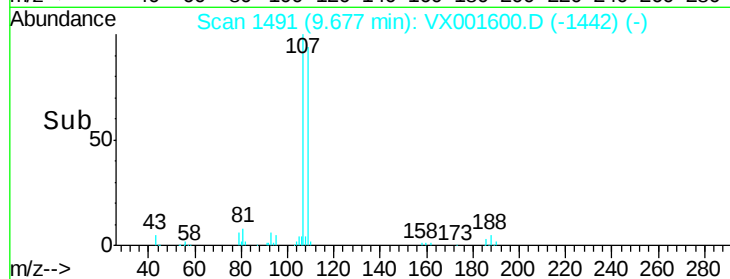
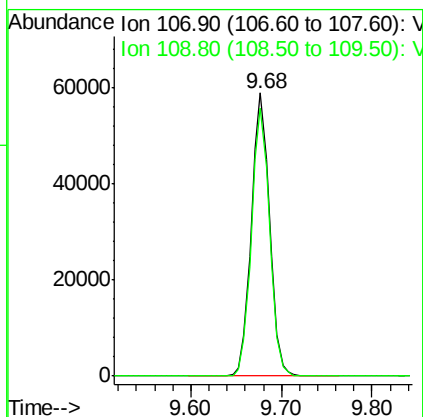
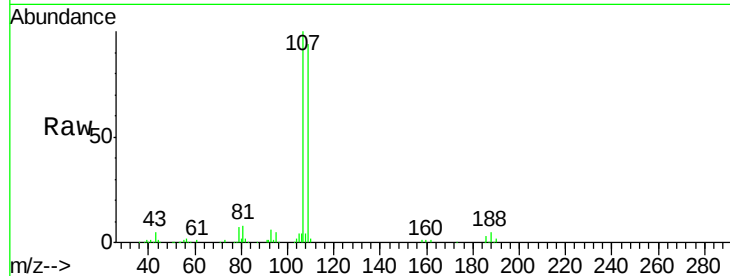




#61
 1,2-Dibromoethane
 Concen: 22.69 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

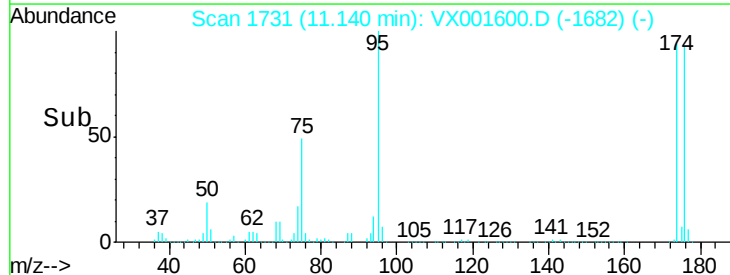
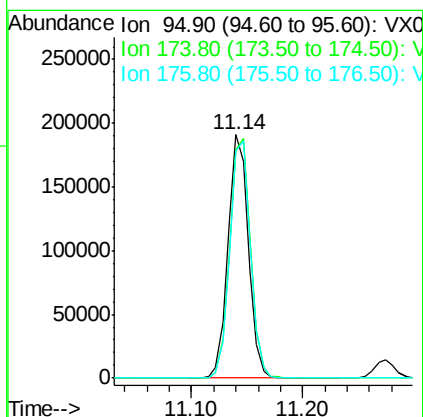
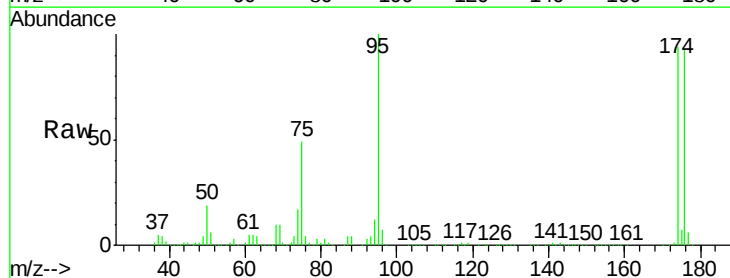
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

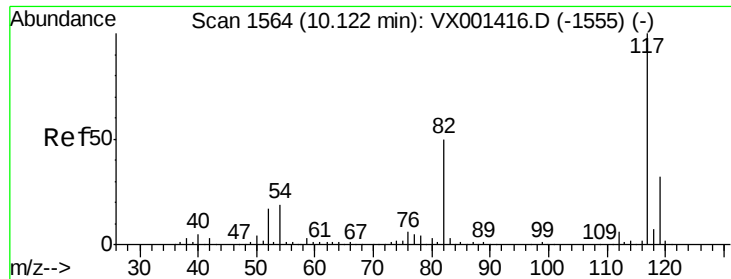
Tgt Ion: 107 Resp: 81975
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 54.86 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 95 Resp: 240400
 Ion Ratio Lower Upper
 95 100
 174 100.8 0.0 202.0
 176 99.1 0.0 197.4

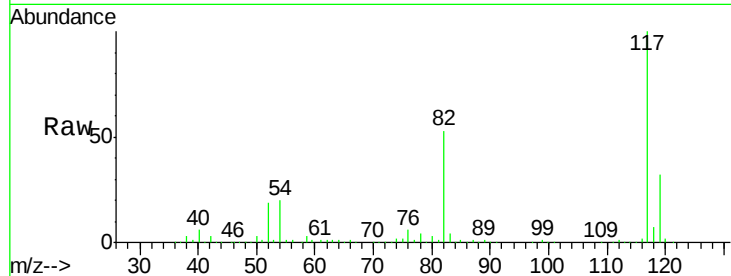




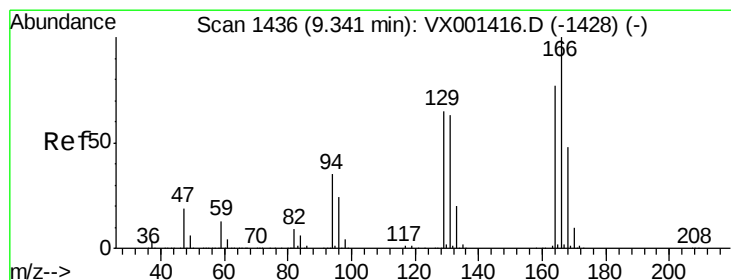
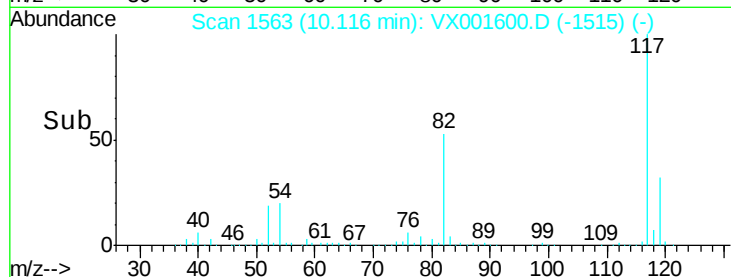
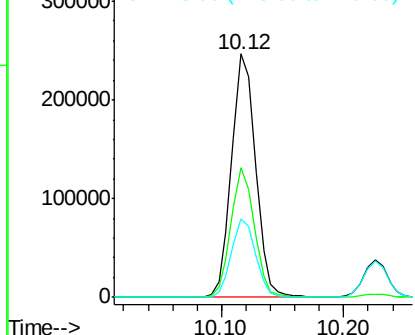
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tgt Ion:117 Resp: 335636
Ion Ratio Lower Upper
117 100
82 53.1 40.0 60.0
119 32.5 25.8 38.8

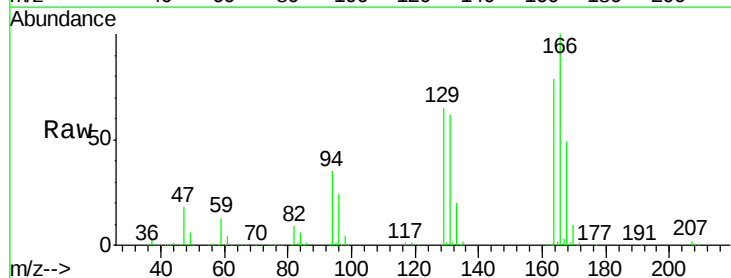


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

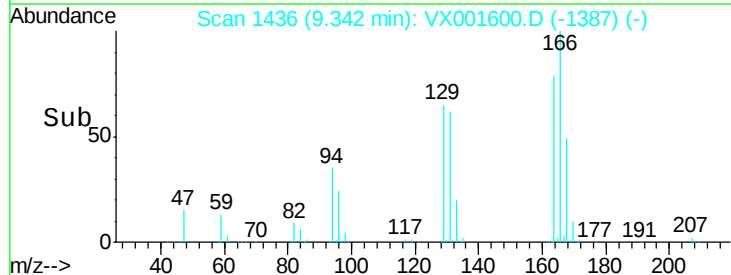
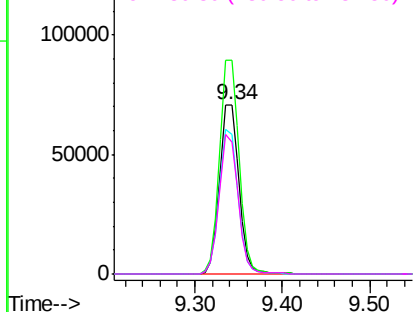


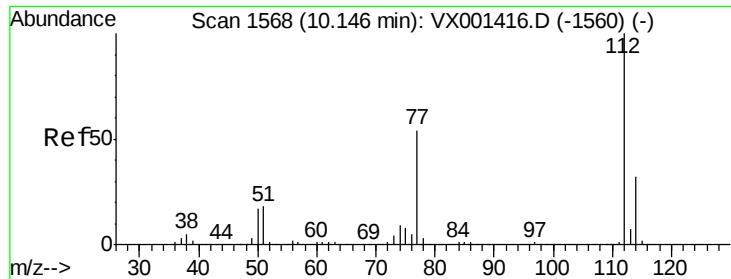
#64
Tetrachloroethene
Concen: 23.08 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion:164 Resp: 107969
Ion Ratio Lower Upper
164 100
166 126.2 103.5 155.3
129 82.4 66.7 100.1
131 77.7 64.9 97.3



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

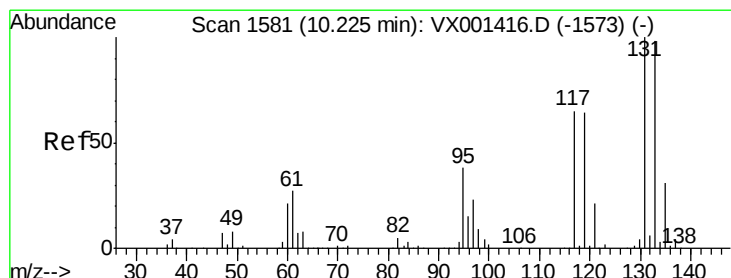
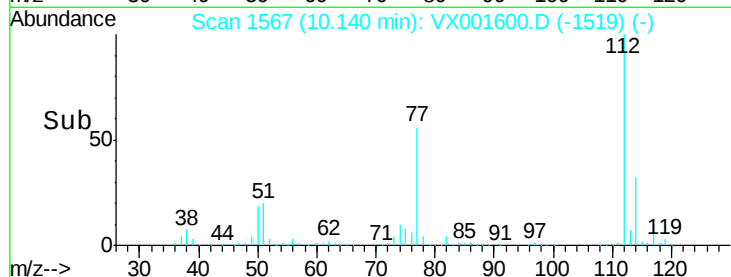
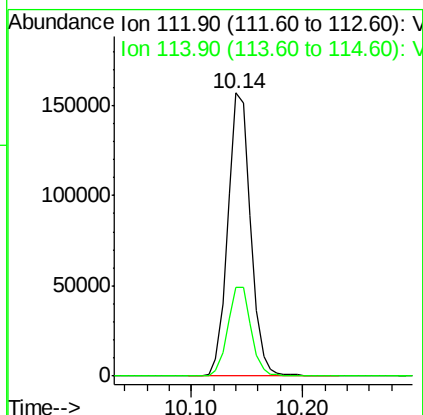
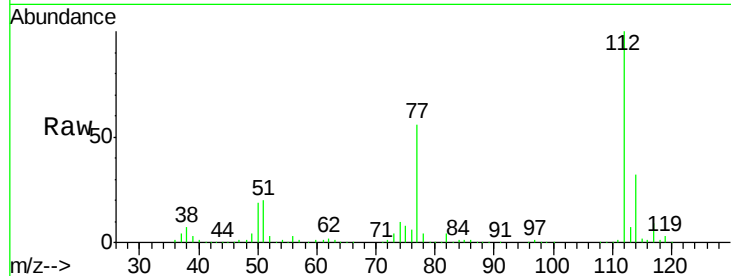




#65
Chlorobenzene
Concen: 22.56 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

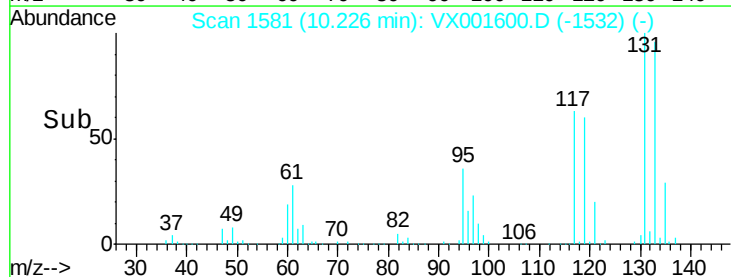
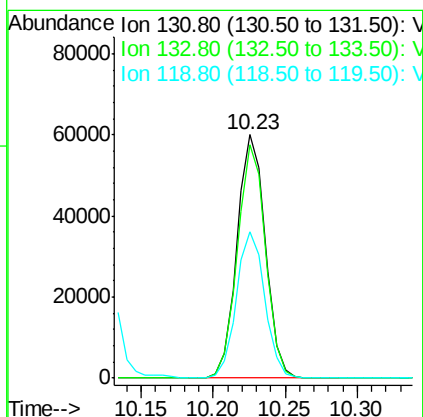
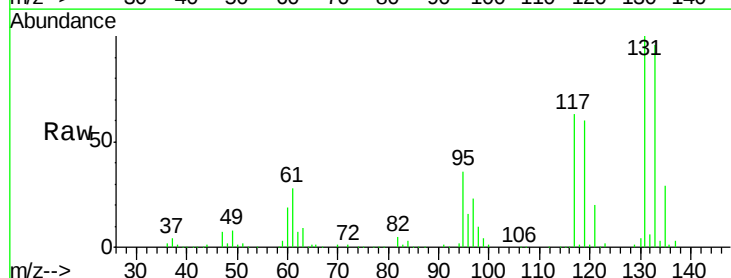
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

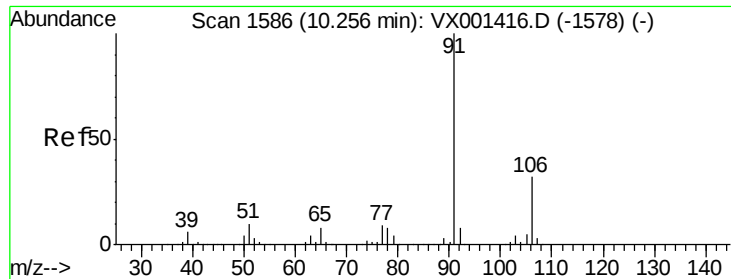
Tgt Ion:112 Resp: 222100
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 23.30 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion:131 Resp: 82040
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 60.7 31.1 93.3

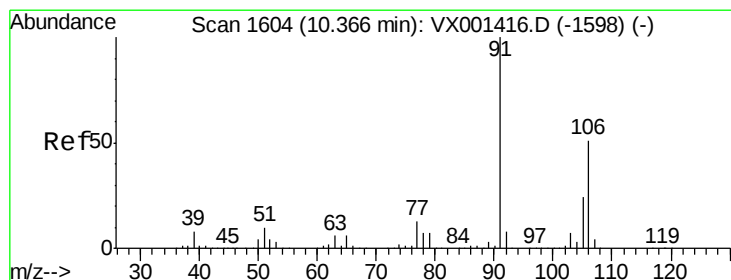
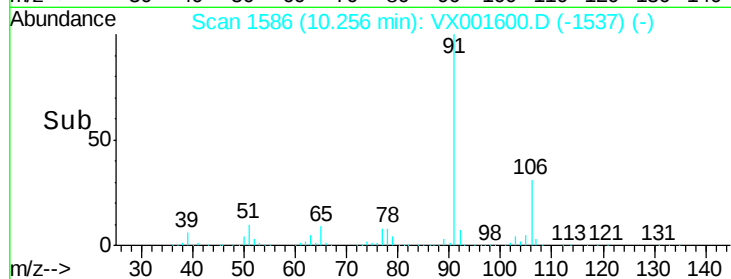
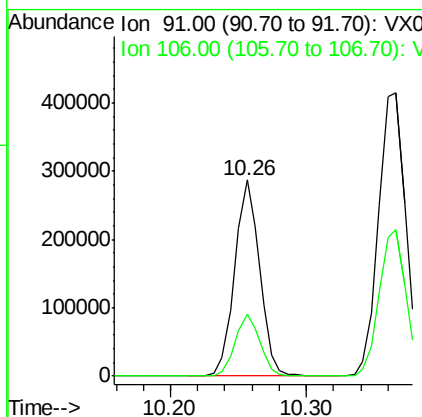
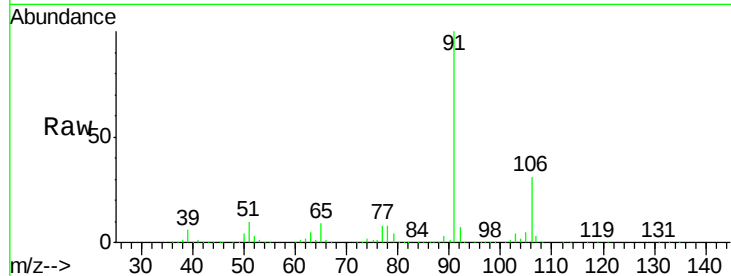




#67
Ethyl Benzene
Concen: 22.72 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

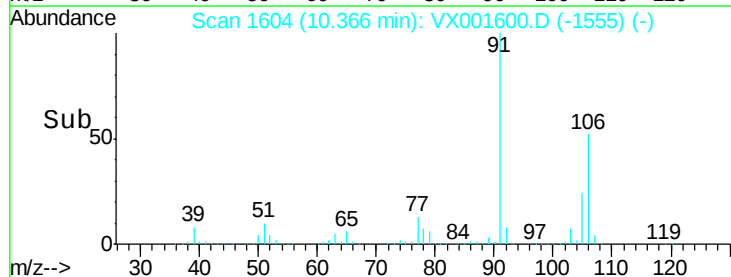
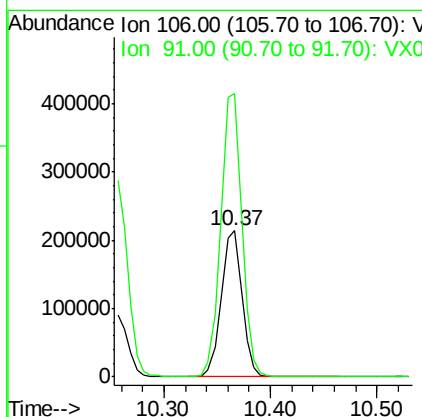
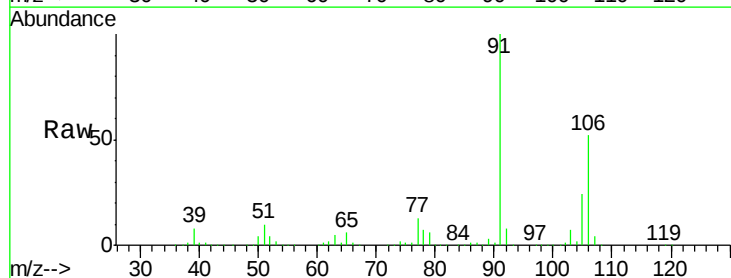
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

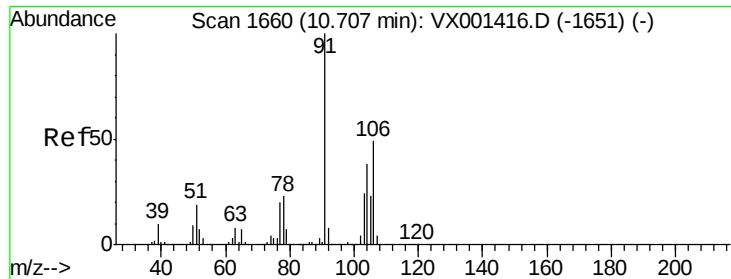
Tgt Ion: 91 Resp: 366632
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 46.07 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion: 106 Resp: 293710
Ion Ratio Lower Upper
106 100
91 196.9 157.5 236.3

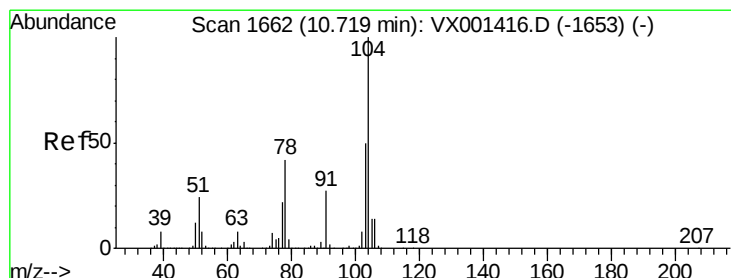
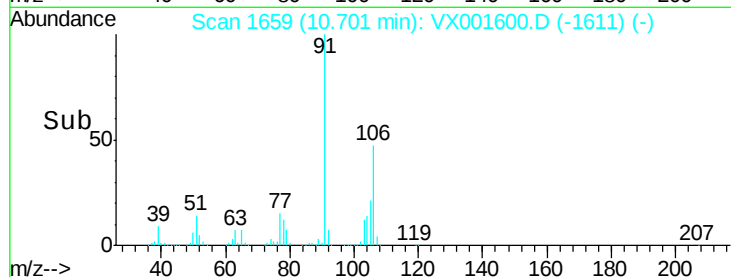
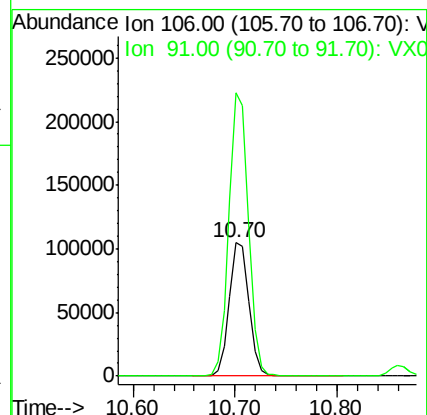
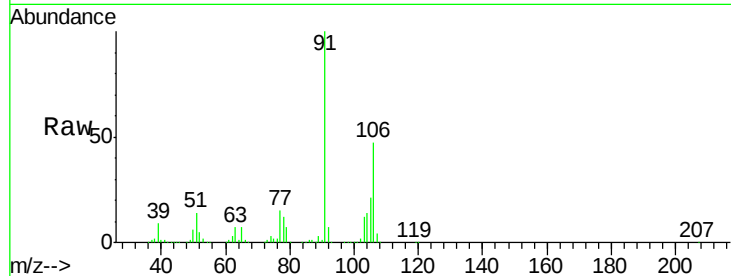




#69
o-Xylene
Concen: 22.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

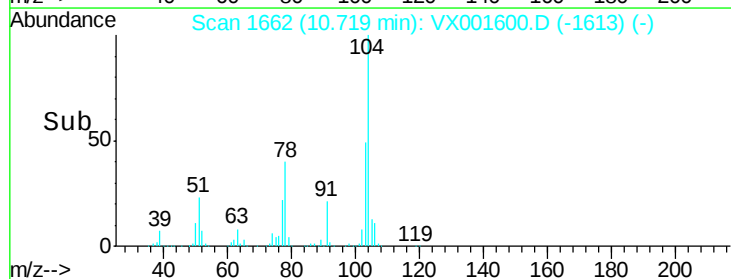
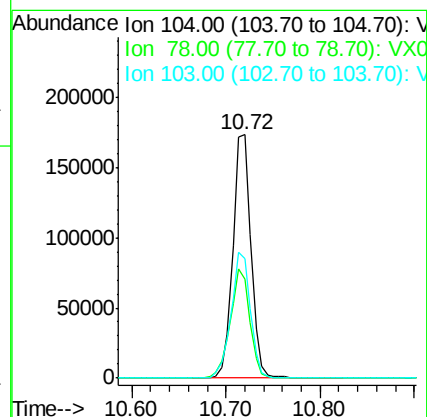
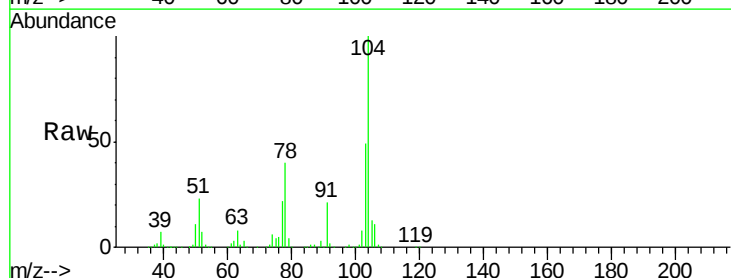
Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

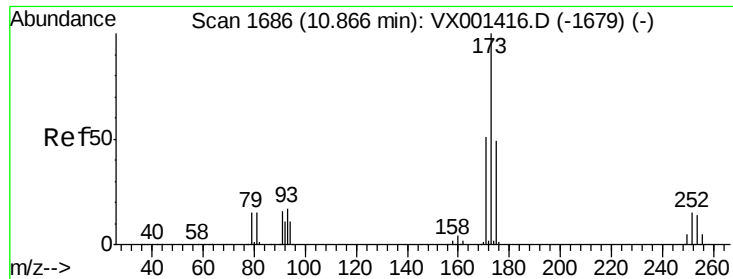
Tgt Ion:106 Resp: 140220
Ion Ratio Lower Upper
106 100
91 210.3 103.1 309.1



#70
Styrene
Concen: 23.05 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion:104 Resp: 232051
Ion Ratio Lower Upper
104 100
78 48.2 38.6 58.0
103 55.0 44.0 66.0





#71

Bromoform

Concen: 20.57 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

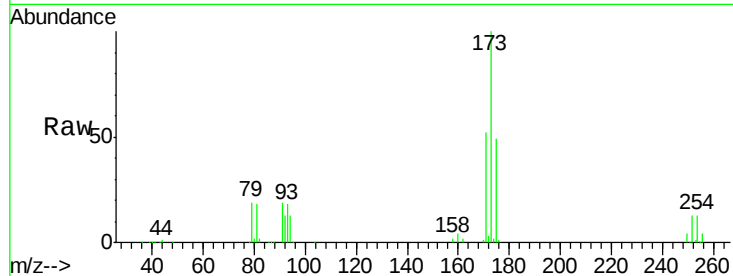
Tgt Ion:173 Resp: 62012

Ion Ratio Lower Upper

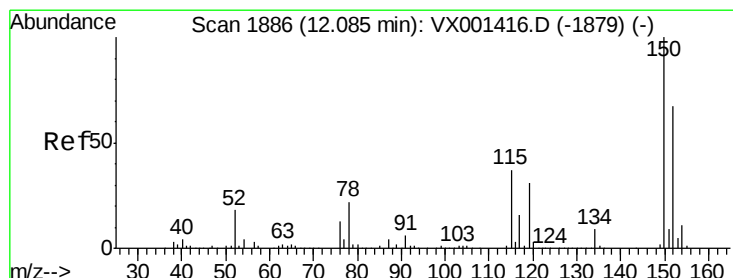
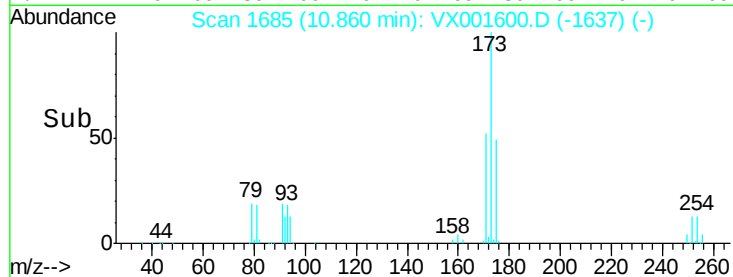
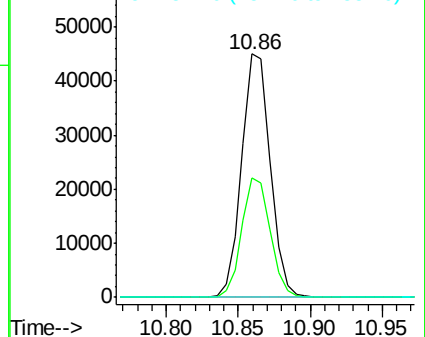
173 100

175 49.0 24.5 73.5

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

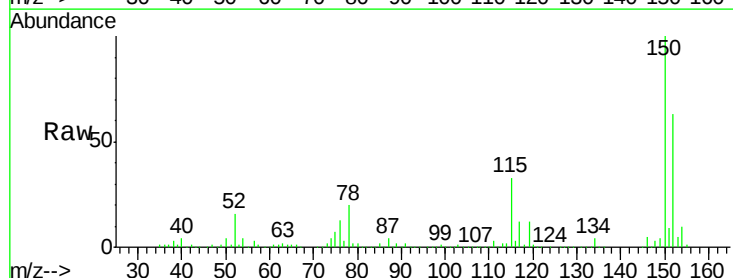
Tgt Ion:152 Resp: 243780

Ion Ratio Lower Upper

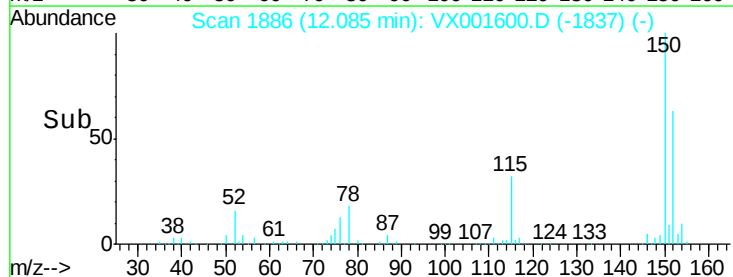
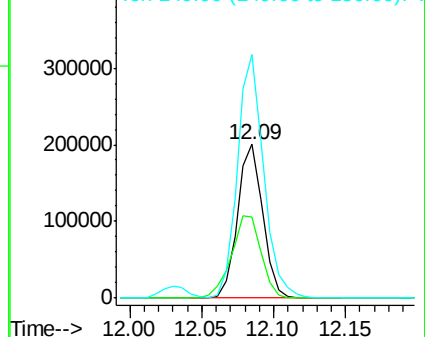
152 100

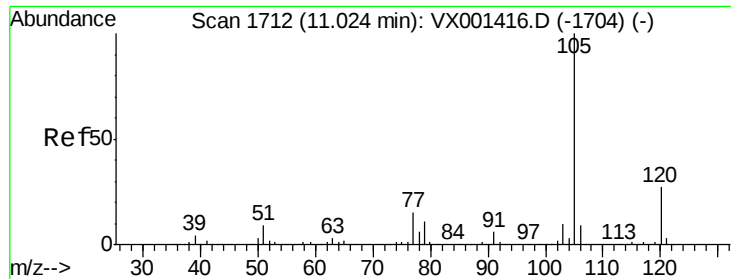
115 63.6 37.7 113.1

150 165.9 0.0 349.4



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





#73

Isopropylbenzene

Concen: 22.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

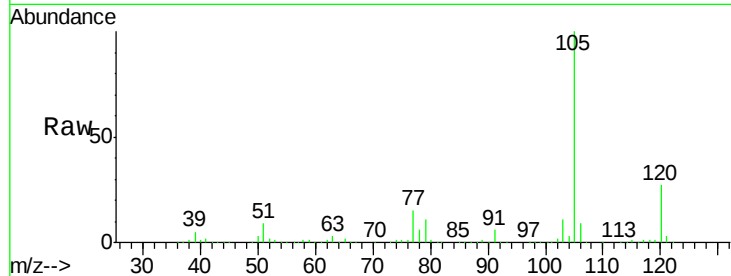
VX0510WBS01

Tgt Ion: 105 Resp: 386851

Ion Ratio Lower Upper

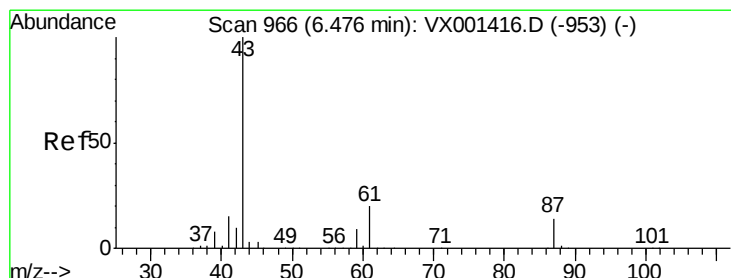
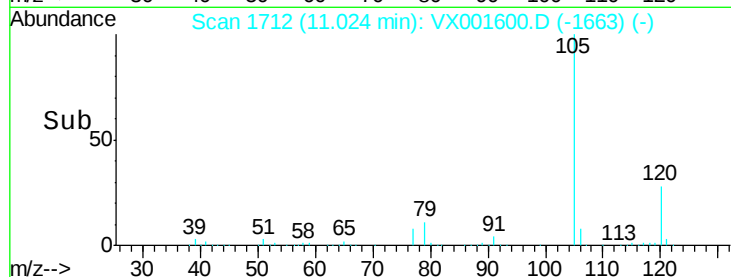
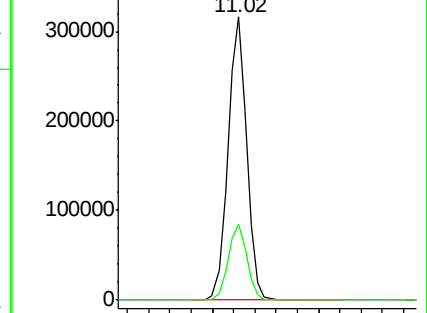
105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.64 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion: 43 Resp: 165845

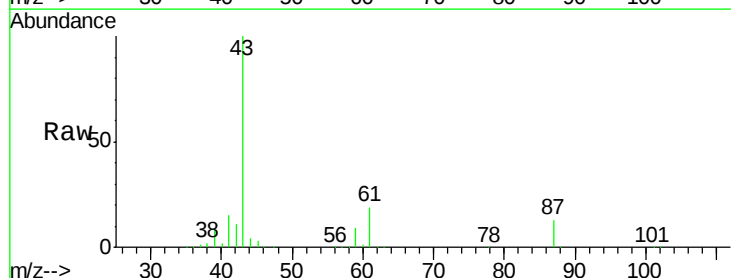
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.4 23.0

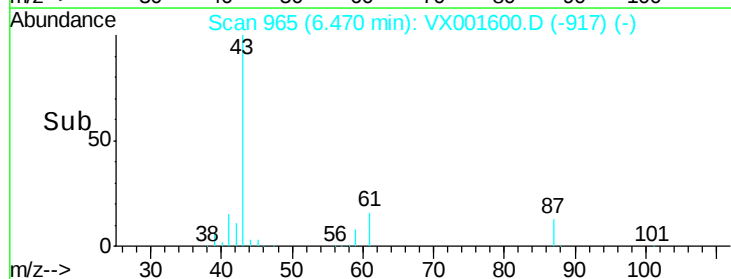
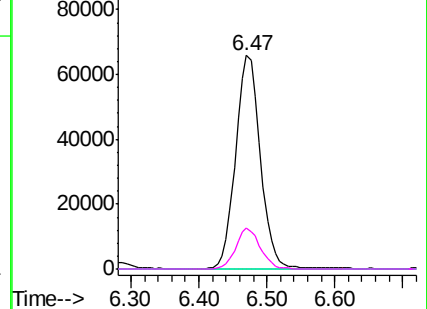


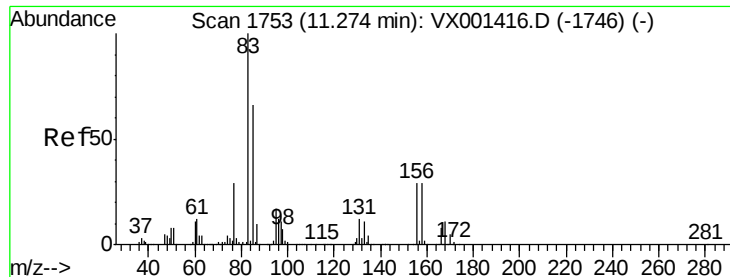
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.02 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

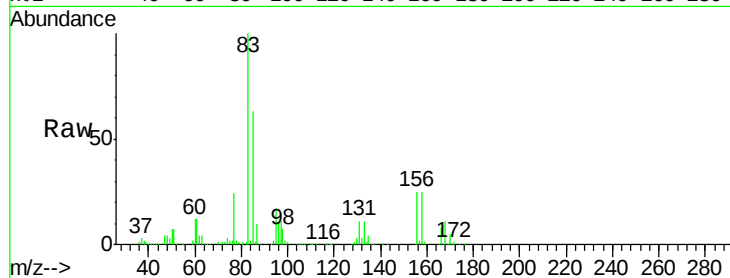
Tgt Ion: 83 Resp: 109747

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

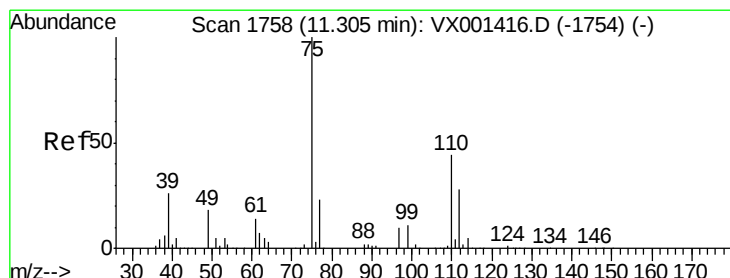
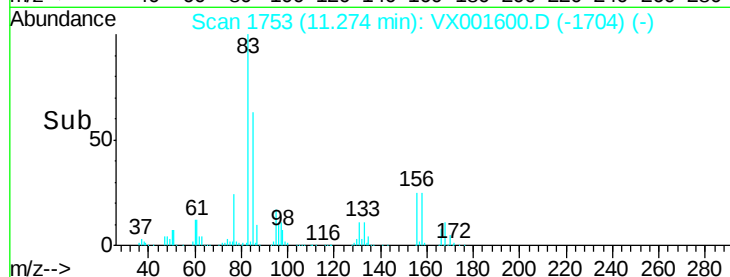
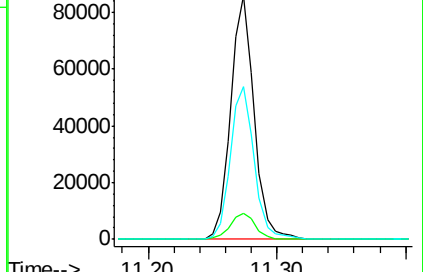
85 63.9 32.7 98.1



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: 26.02 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001600.D

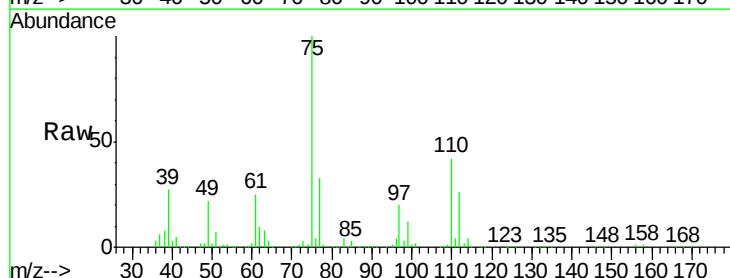
Acq: 10 May 2018 14:14

Tgt Ion: 75 Resp: 128628

Ion Ratio Lower Upper

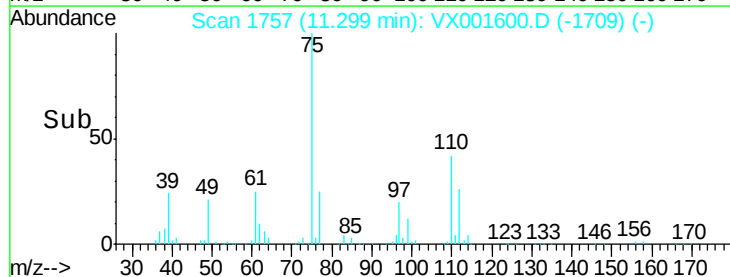
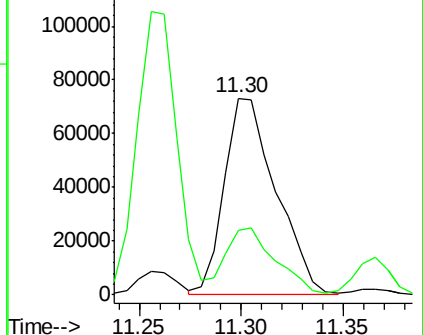
75 100

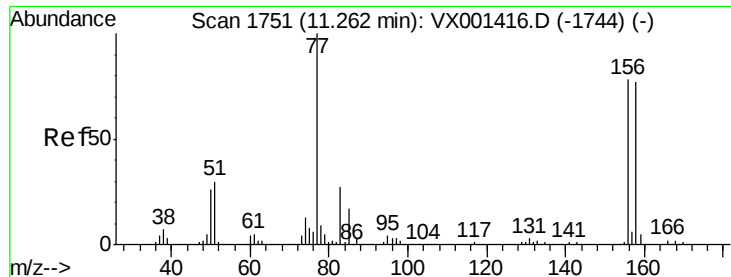
77 33.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.76 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

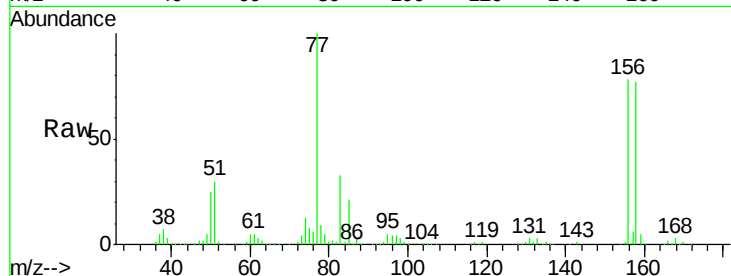
Tgt Ion:156 Resp: 106785

Ion Ratio Lower Upper

156 100

77 134.0 66.0 198.2

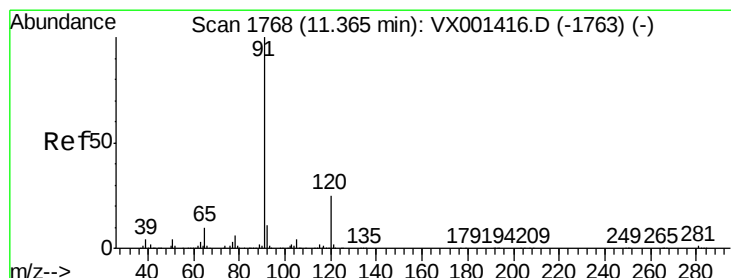
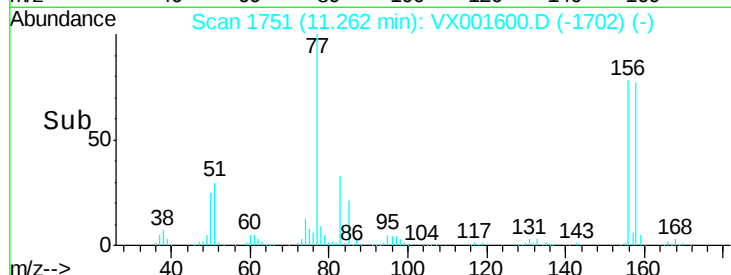
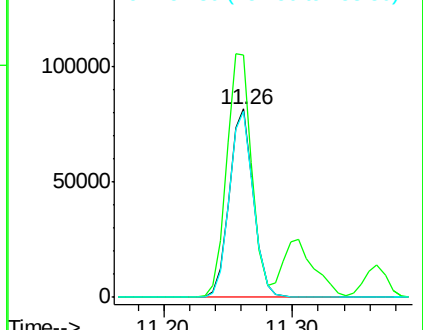
158 98.9 49.4 148.2



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: 23.82 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001600.D

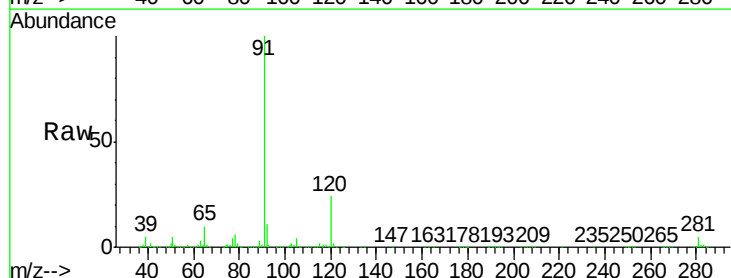
Acq: 10 May 2018 14:14

Tgt Ion: 91 Resp: 437692

Ion Ratio Lower Upper

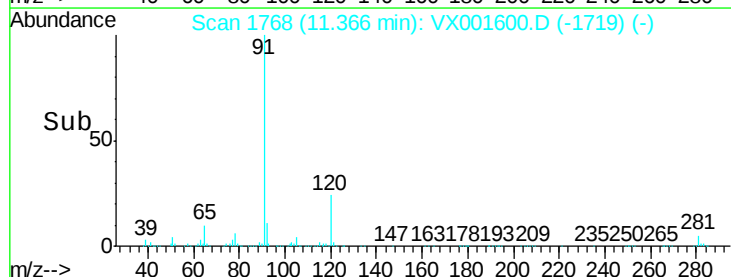
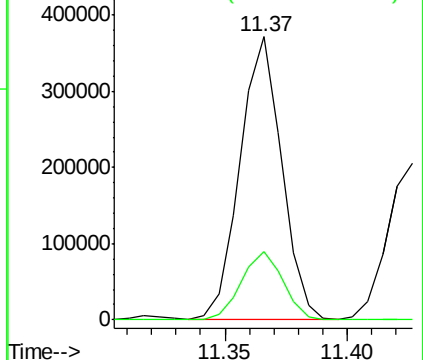
91 100

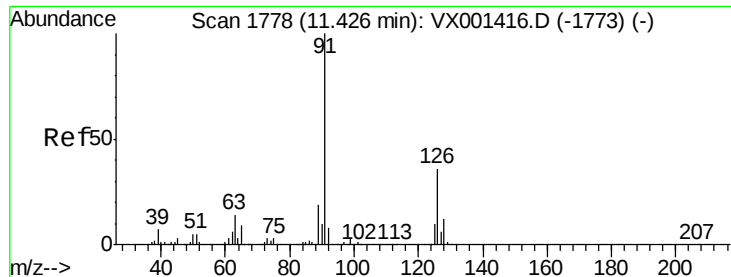
120 24.4 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

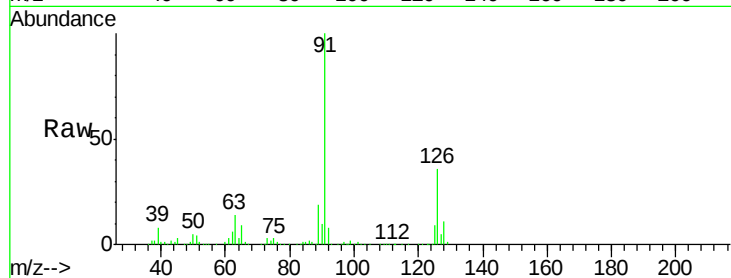
VX0510WBS01

Tgt Ion: 91 Resp: 256997

Ion Ratio Lower Upper

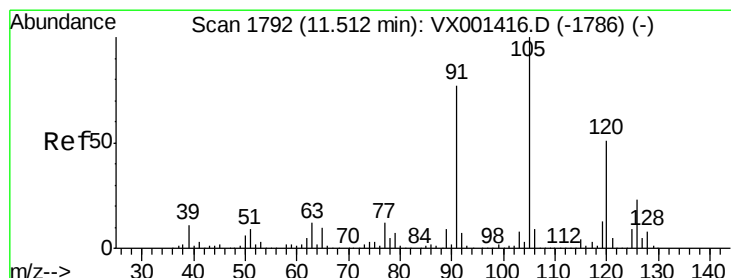
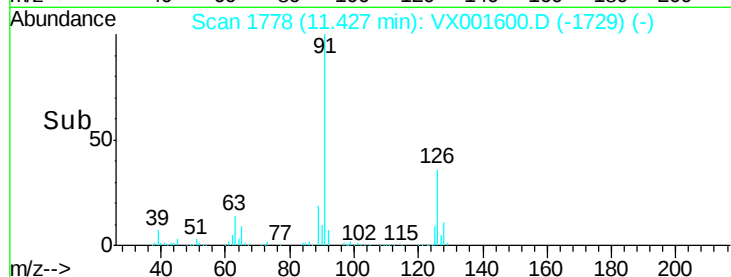
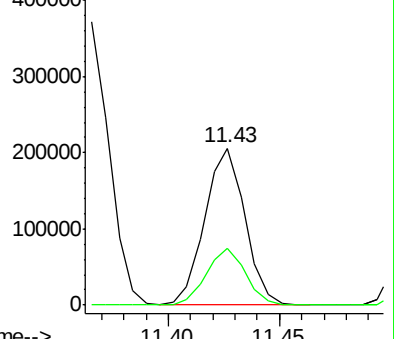
91 100

126 35.9 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 23.14 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001600.D

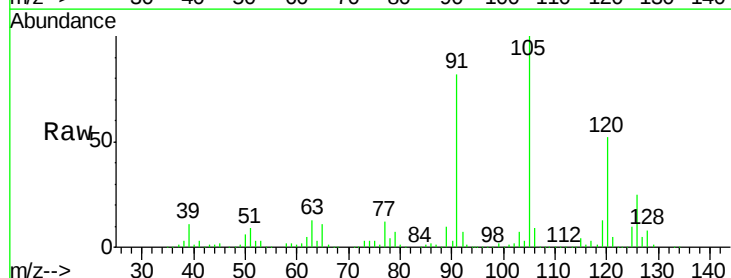
Acq: 10 May 2018 14:14

Tgt Ion: 105 Resp: 325072

Ion Ratio Lower Upper

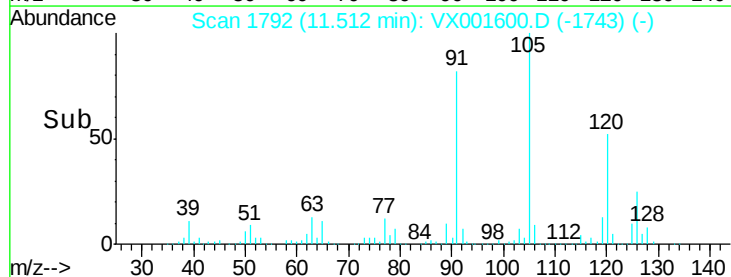
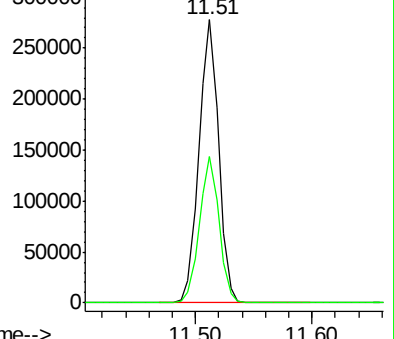
105 100

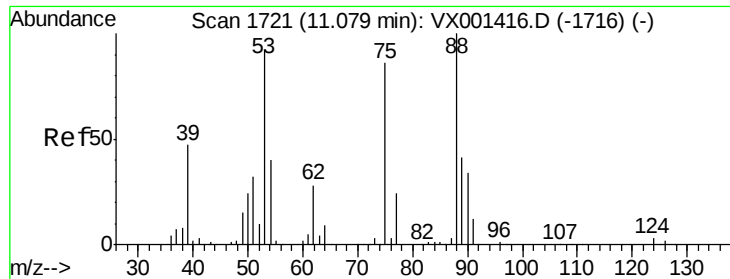
120 51.4 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.69 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

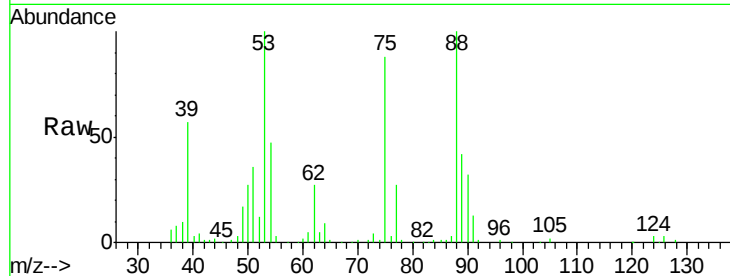
Tgt Ion: 75 Resp: 27824

Ion Ratio Lower Upper

75 100

53 115.4 84.5 126.7

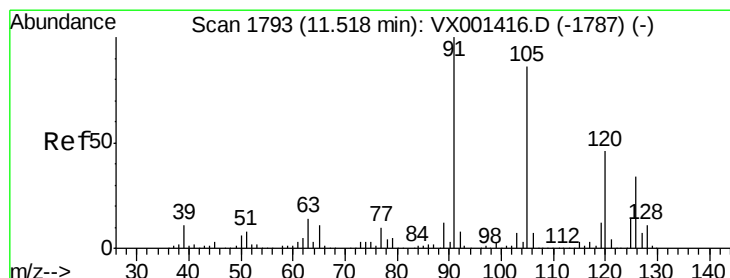
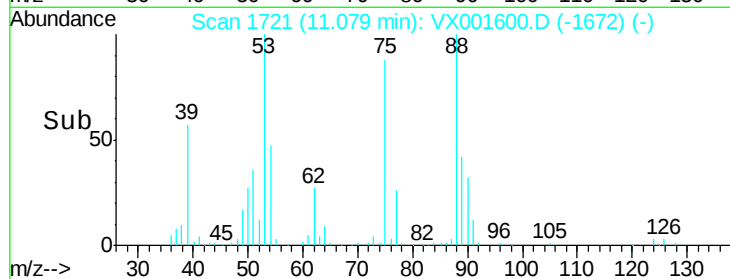
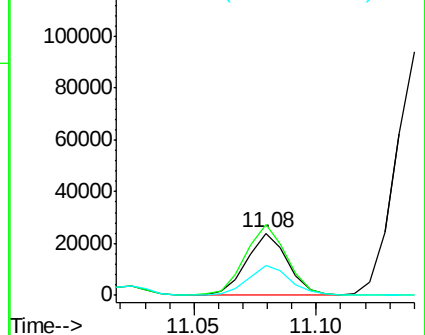
89 50.6 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 23.21 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001600.D

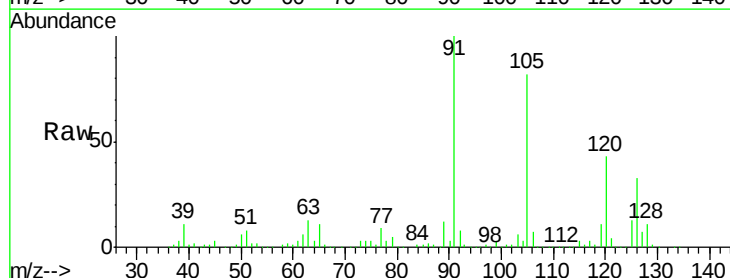
Acq: 10 May 2018 14:14

Tgt Ion: 91 Resp: 302787

Ion Ratio Lower Upper

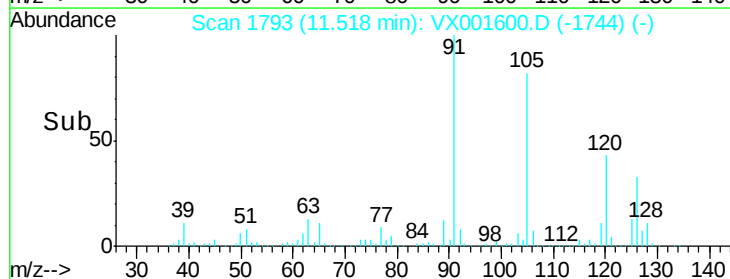
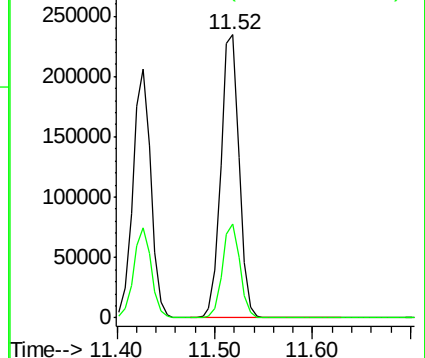
91 100

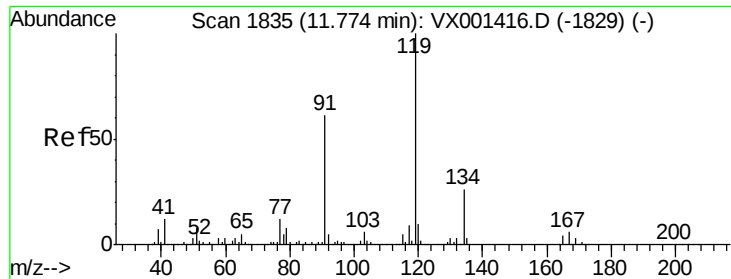
126 31.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

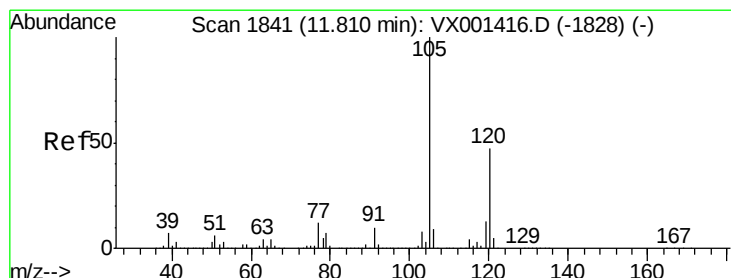
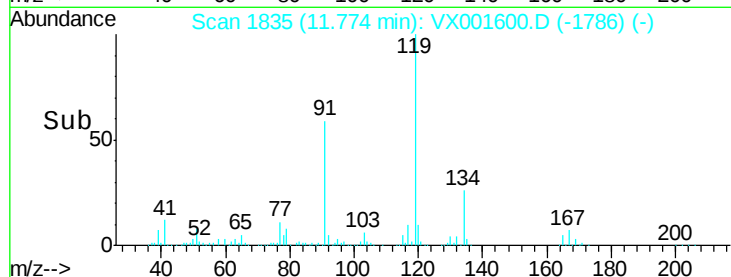
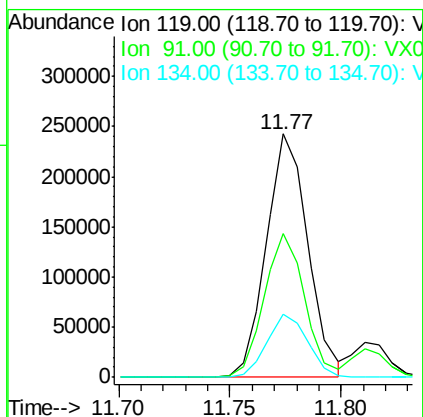
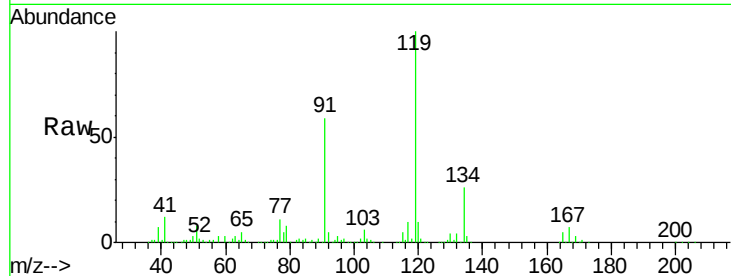




#83
 tert-Butylbenzene
 Concen: 22.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

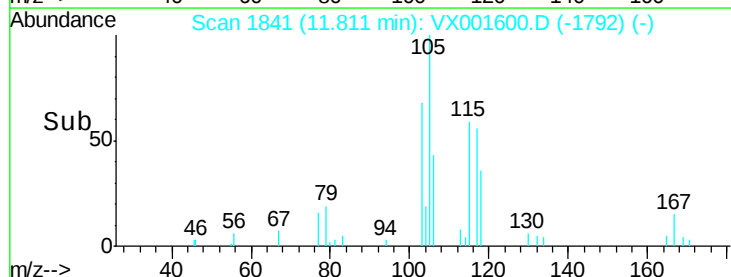
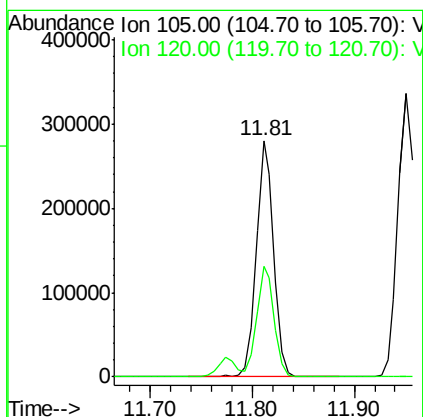
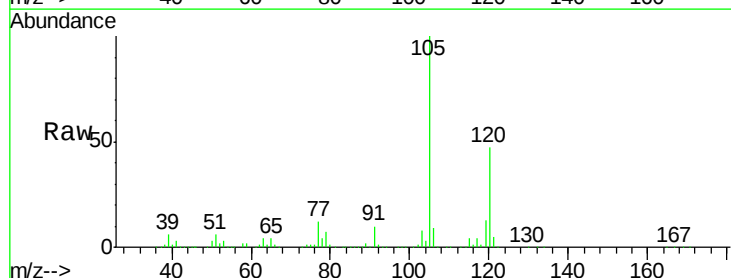
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

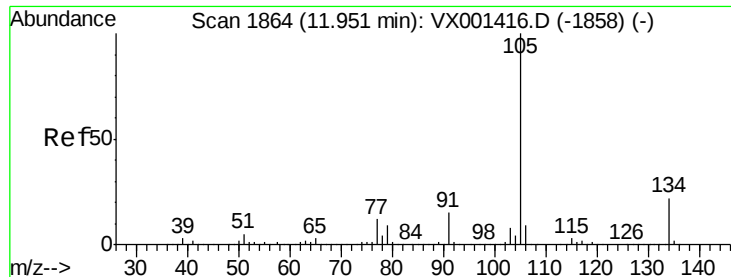
Tgt Ion:119 Resp: 314524
 Ion Ratio Lower Upper
 119 100
 91 57.5 27.8 83.3
 134 25.5 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 23.30 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion:105 Resp: 336482
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.2

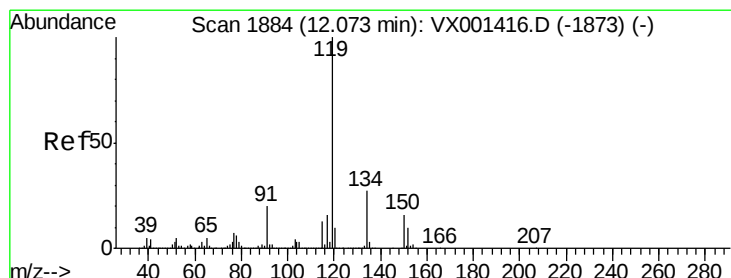
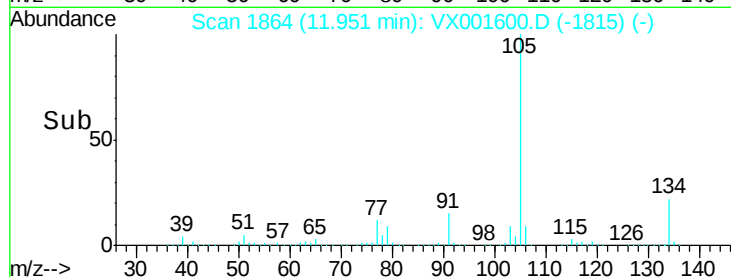
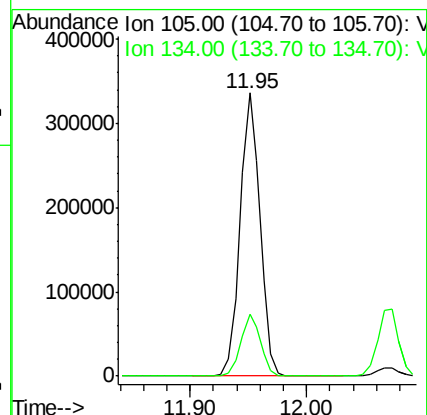
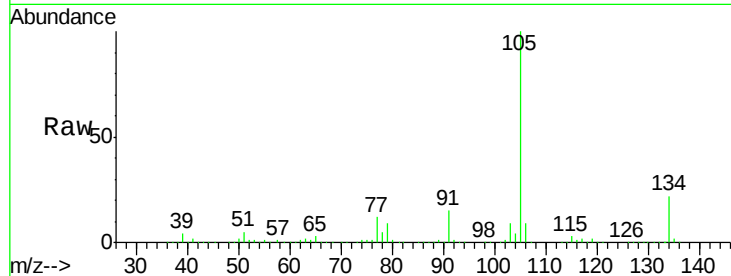




#85
 sec-Butylbenzene
 Concen: 23.83 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

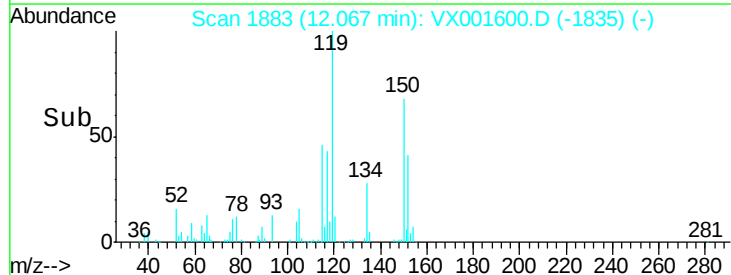
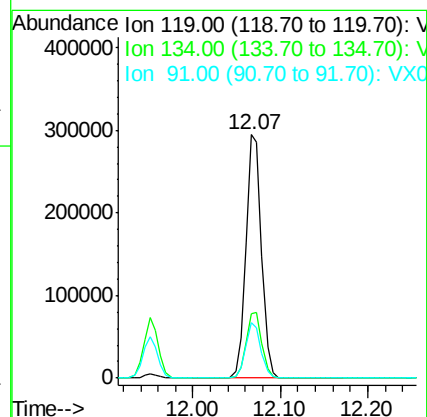
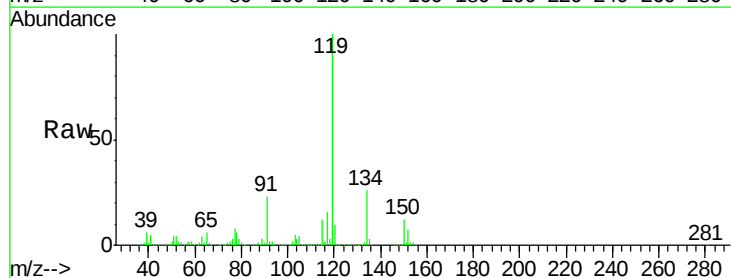
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

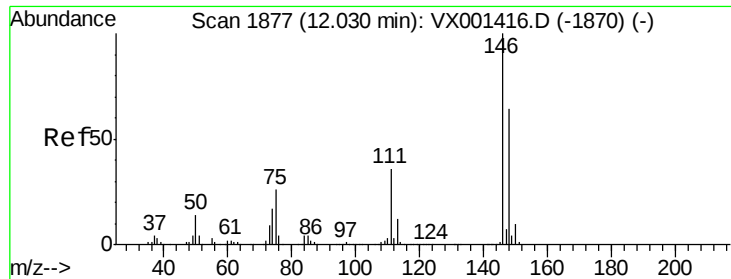
Tgt Ion:105 Resp: 399836
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 23.76 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion:119 Resp: 365703
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 22.3 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 22.54 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

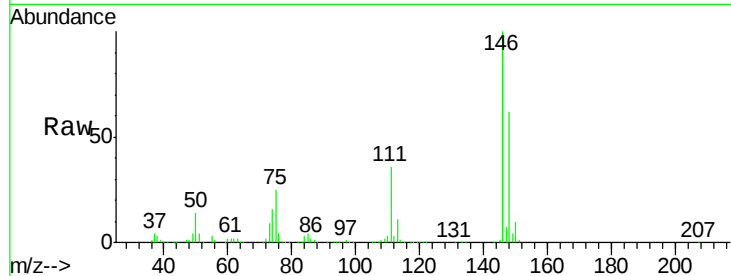
Tgt Ion:146 Resp: 197708

Ion Ratio Lower Upper

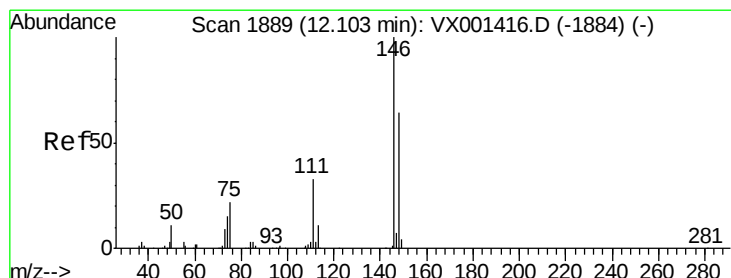
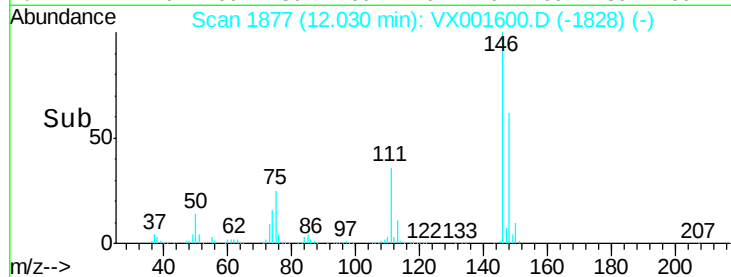
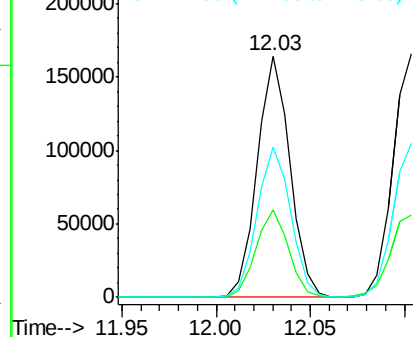
146 100

111 36.2 18.1 54.1

148 64.2 32.1 96.5



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: 22.28 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

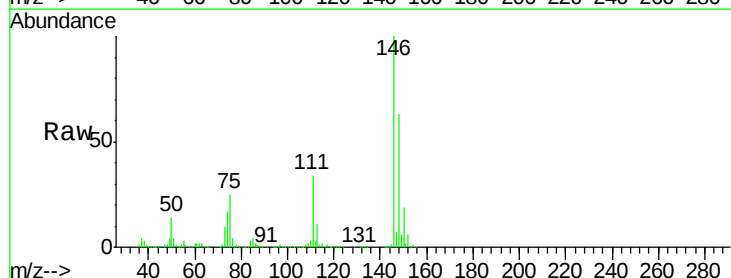
Tgt Ion:146 Resp: 199344

Ion Ratio Lower Upper

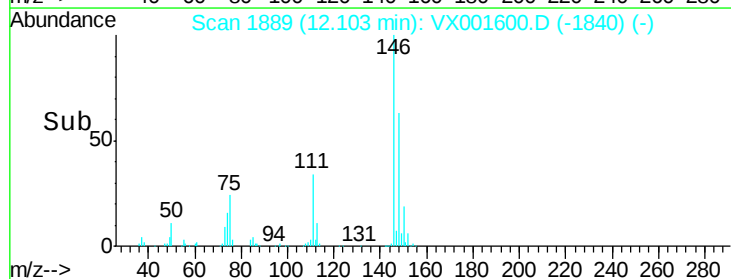
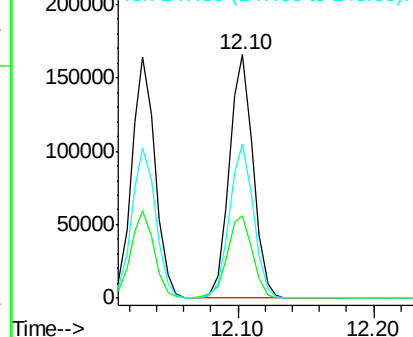
146 100

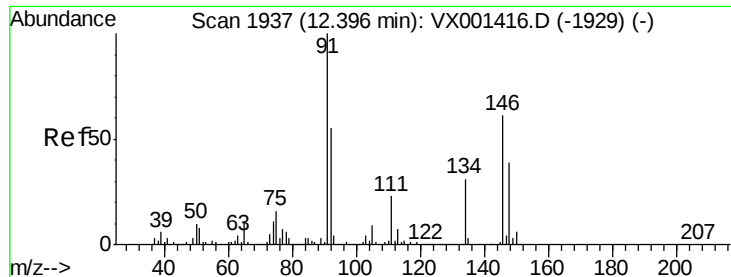
111 35.9 17.4 52.3

148 64.3 32.2 96.6



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

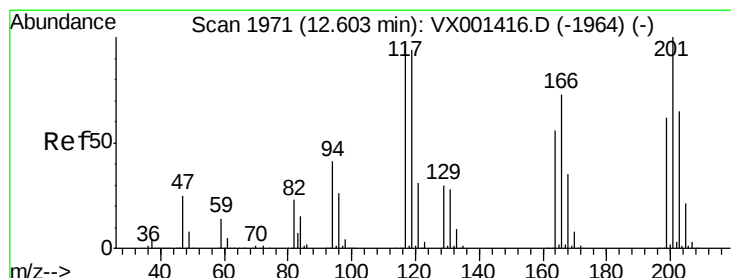
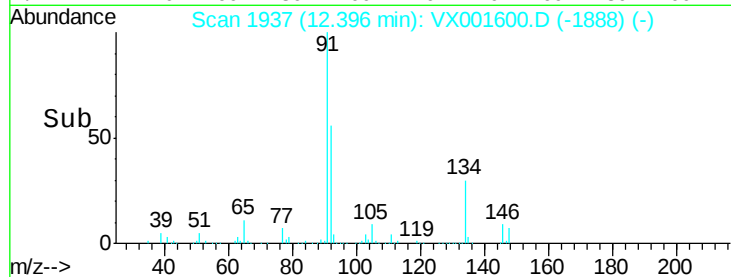
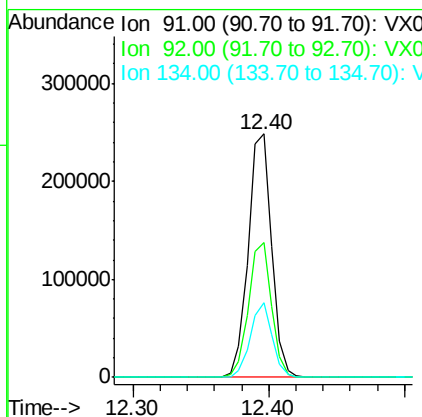
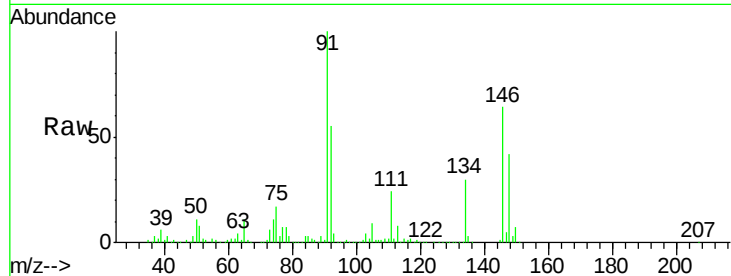




#89
n-Butylbenzene
Concen: 23.42 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

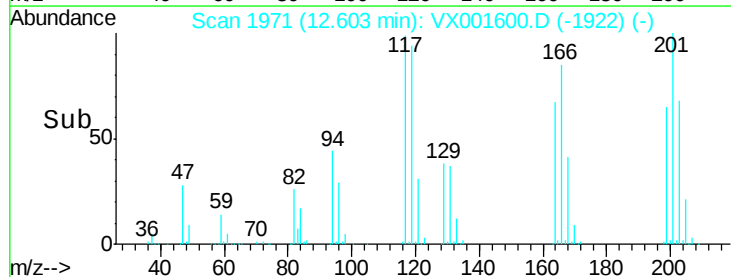
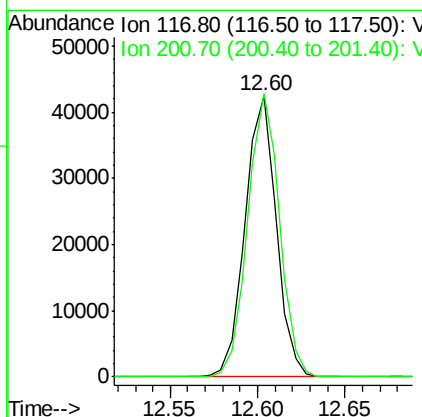
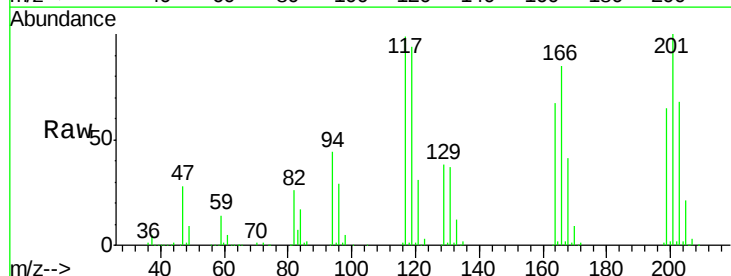
Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

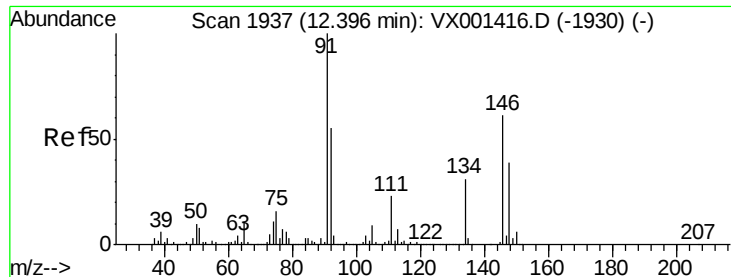
Tgt Ion: 91 Resp: 298785
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 28.8 14.6 44.0



#90
Hexachloroethane
Concen: 22.67 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion: 117 Resp: 52548
Ion Ratio Lower Upper
117 100
201 102.8 51.5 154.5

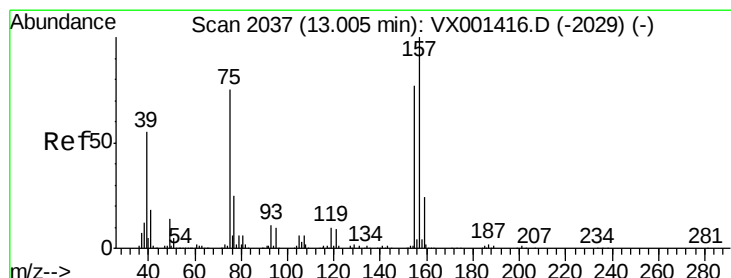
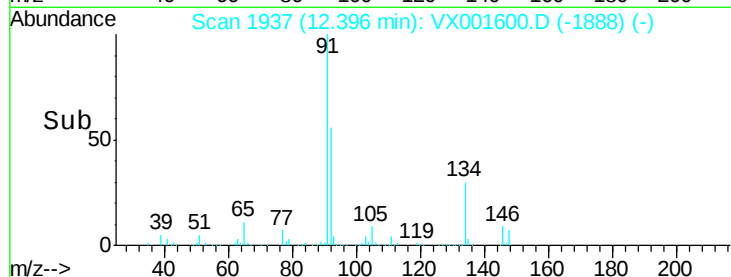
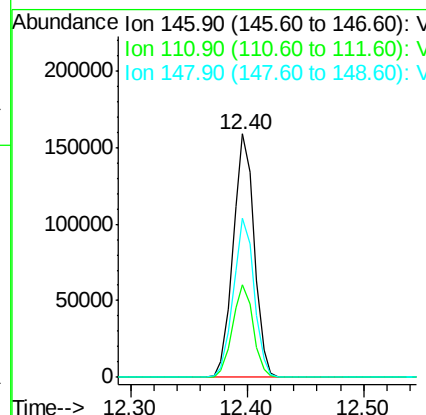
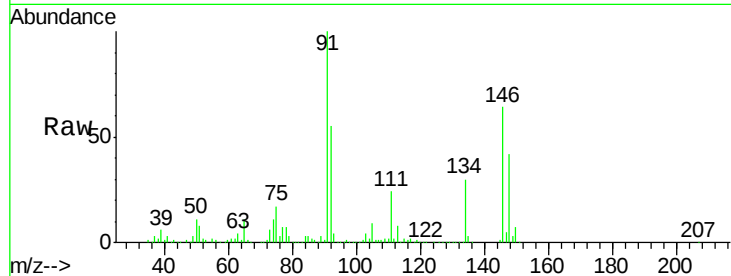




#91
 1,2-Dichlorobenzene
 Concen: 22.38 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

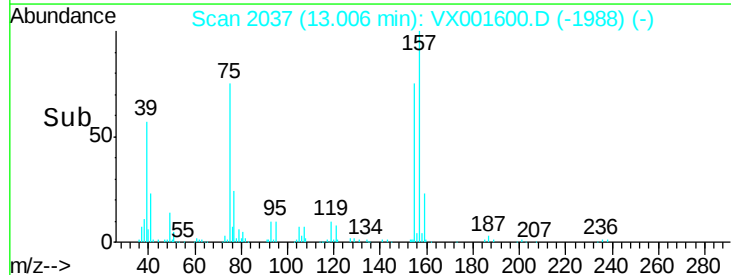
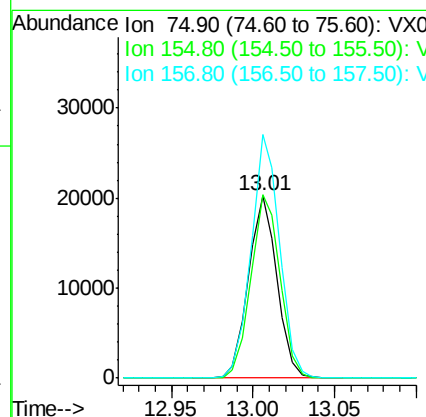
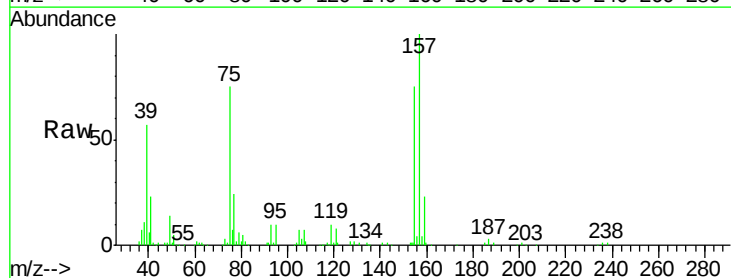
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

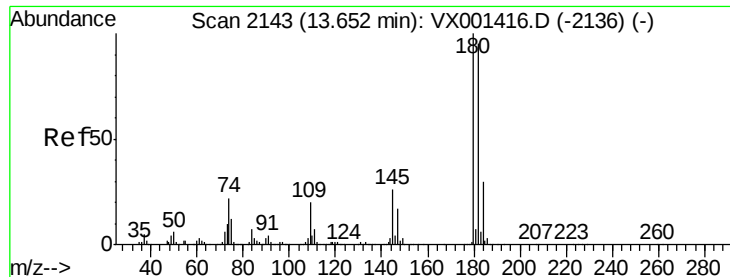
Tgt Ion: 146 Resp: 199723
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.57 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 75 Resp: 24719
 Ion Ratio Lower Upper
 75 100
 155 102.7 53.4 160.2
 157 133.8 68.3 204.8

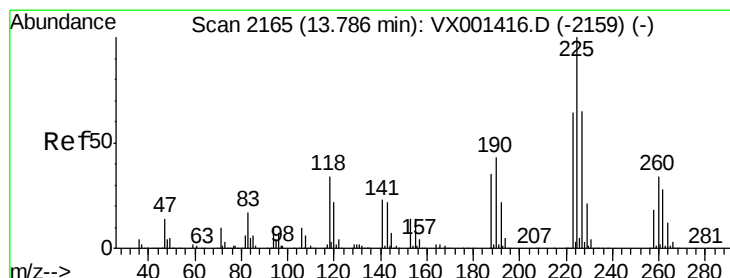
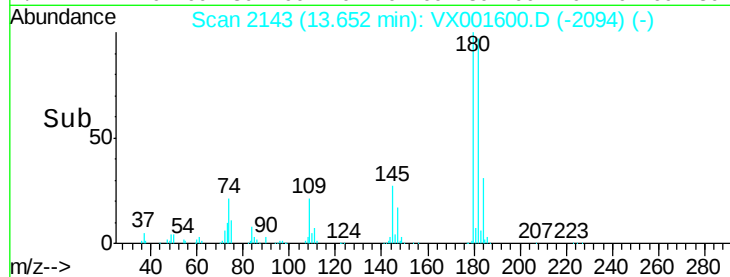
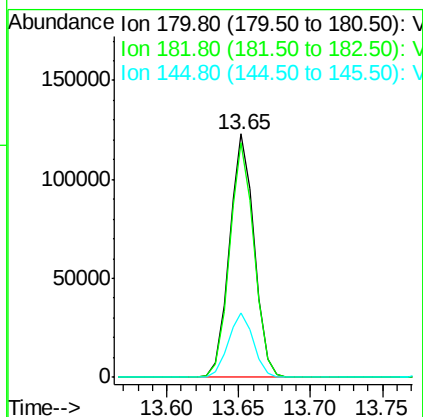
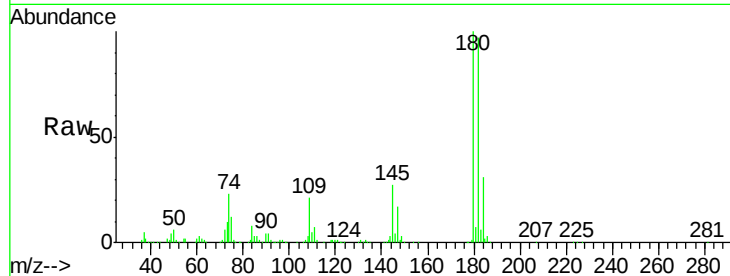




#93
 1,2,4-Trichlorobenzene
 Concen: 22.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

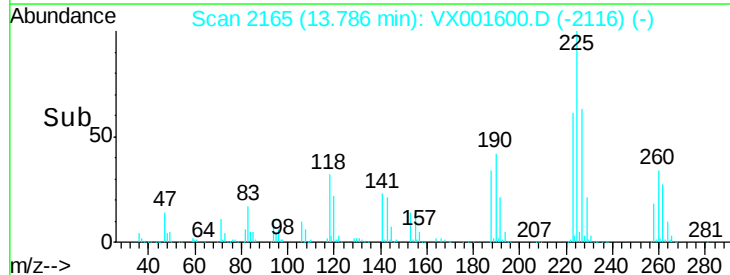
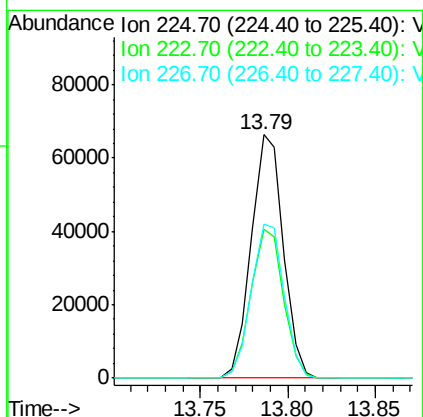
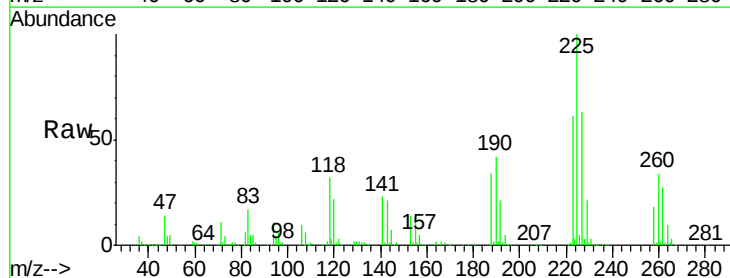
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

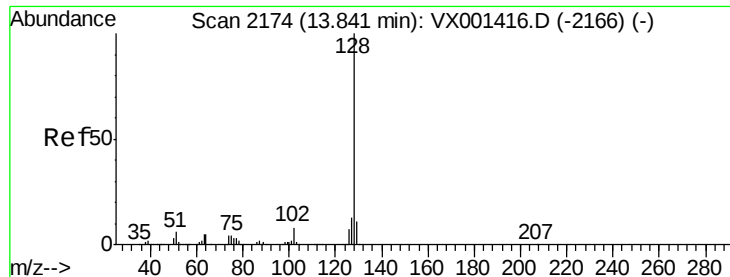
Tgt Ion:180 Resp: 148073
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.4
 145 27.0 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 23.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion:225 Resp: 84328
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.9
 227 64.9 32.4 97.2





#95

Naphthalene

Concen: 22.72 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

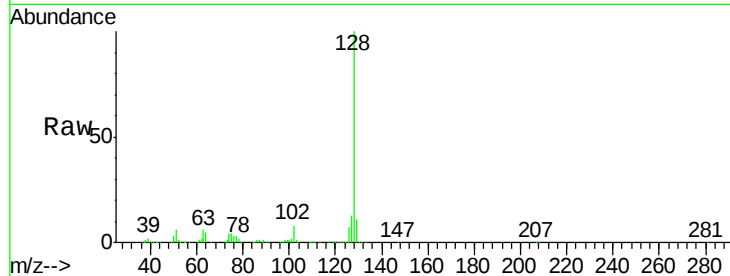
Tgt Ion:128 Resp: 410273

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

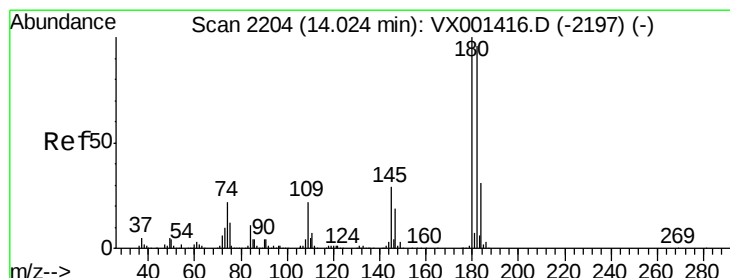
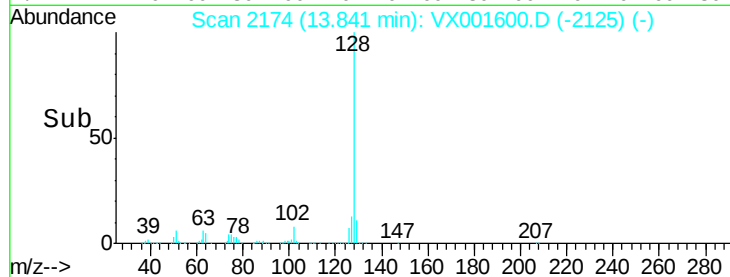
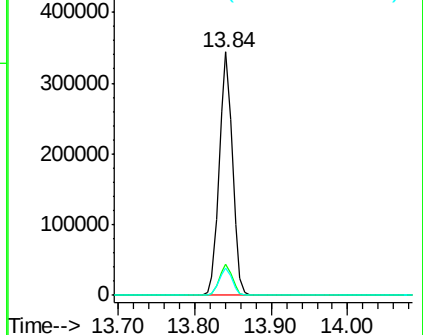
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.85 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

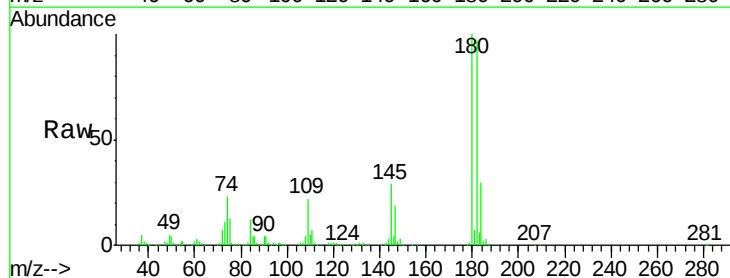
Tgt Ion:180 Resp: 153119

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.2

145 28.2 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

