

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041018\
 Data File : VX000753.D
 Acq On : 10 Apr 2018 16:45
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Quant Time: Apr 11 08:14:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	331312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	424089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	278805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188988	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
35) Dibromofluoromethane	5.51	113	162136	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.72	98	595445	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	244344	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	185559	49.62	ug/l	99
3) Chloromethane	1.32	50	152102	47.43	ug/l	100
4) Vinyl Chloride	1.40	62	170235	47.20	ug/l	97
5) Bromomethane	1.64	94	73748	49.38	ug/l	99
6) Chloroethane	1.72	64	98144	44.90	ug/l	99
7) Trichlorofluoromethane	1.93	101	264409	48.59	ug/l	99
8) Diethyl Ether	2.19	74	93893	46.19	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157293	49.02	ug/l	99
10) Methyl Iodide	2.51	142	98290	41.11	ug/l	100
11) Tert butyl alcohol	3.07	59	162109	218.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	142336	46.81	ug/l	96
13) Acrolein	2.29	56	87487	242.90	ug/l	98
14) Allyl chloride	2.73	41	257997	45.88	ug/l	100
15) Acrylonitrile	3.15	53	363444	229.84	ug/l	100
16) Acetone	2.45	43	334893	232.47	ug/l	99
17) Carbon Disulfide	2.57	76	426559	46.33	ug/l	100
18) Methyl Acetate	2.78	43	173520	46.54	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	478386	47.23	ug/l	99
20) Methylene Chloride	2.86	84	153213	45.73	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	153720	45.84	ug/l	97
22) Diisopropyl ether	3.87	45	475864	46.05	ug/l	97
23) Vinyl Acetate	3.83	43	2086537	229.99	ug/l	100
24) 1,1-Dichloroethane	3.70	63	266215	45.91	ug/l	99
25) 2-Butanone	4.71	43	545960	229.50	ug/l	100
26) 2,2-Dichloropropane	4.59	77	271799	47.23	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	177069	46.53	ug/l	99
28) Bromochloromethane	5.03	49	108963	46.67	ug/l	99
29) Tetrahydrofuran	5.17	42	342257	226.58	ug/l	100
30) Chloroform	5.23	83	291502	47.48	ug/l	100
31) Cyclohexane	5.58	56	260588	47.32	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	277787	47.50	ug/l	100
36) 1,1-Dichloropropene	5.81	75	226040	48.40	ug/l	99
37) Ethyl Acetate	4.87	43	216062	47.39	ug/l	100
38) Carbon Tetrachloride	5.79	117	258203	49.39	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	283256	50.50	ug/l	99
40) Benzene	6.15	78	632183	48.71	ug/l	98
41) Methacrylonitrile	5.07	41	126101	47.87	ug/l	100
42) 1,2-Dichloroethane	6.20	62	235992	48.69	ug/l	99
43) Isopropyl Acetate	6.47	43	375085	47.98	ug/l	100
44) Trichloroethene	7.22	130	196673	48.73	ug/l	96
45) 1,2-Dichloropropane	7.53	63	158890	48.08	ug/l	97
46) Dibromomethane	7.67	93	112638	48.89	ug/l	99
47) Bromodichloromethane	7.90	83	231056	49.69	ug/l	98
48) Methyl methacrylate	7.78	41	196215	48.42	ug/l	100
49) 1,4-Dioxane	7.76	88	73882	907.32	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1107307	241.15	ug/l	100
52) Toluene	8.79	92	419327	48.70	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	279063	50.03	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	272287	50.13	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	165153	48.32	ug/l	99
56) Ethyl methacrylate	9.19	69	256045	48.56	ug/l	99
57) 1,3-Dichloropropane	9.38	76	267292	49.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	639575	259.63	ug/l	100
59) 2-Hexanone	9.51	43	862413	243.28	ug/l	100
60) Dibromochloromethane	9.59	129	204386	49.98	ug/l	99
61) 1,2-Dibromoethane	9.68	107	176065	48.56	ug/l	99
64) Tetrachloroethene	9.34	164	194638	49.36	ug/l	100
65) Chlorobenzene	10.15	112	496618	48.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	188222	49.29	ug/l	100
67) Ethyl Benzene	10.26	91	831328	49.15	ug/l	100
68) m/p-Xylenes	10.37	106	660926	99.00	ug/l	100
69) o-Xylene	10.71	106	316225	49.15	ug/l	100
70) Styrene	10.72	104	534094	49.24	ug/l	100
71) Bromoform	10.87	173	178382	50.46	ug/l	100
73) Isopropylbenzene	11.02	105	866938	49.01	ug/l	100
74) N-amyl acetate	6.47	43	375085	47.09	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	243837	47.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	298895	62.16	ug/l	85
77) Bromobenzene	11.26	156	247886	47.82	ug/l	100
78) n-propylbenzene	11.37	91	991259	49.00	ug/l	100
79) 2-Chlorotoluene	11.43	91	577009	48.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	746738	49.09	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	83806	47.94	ug/l	99
82) 4-Chlorotoluene	11.52	91	695143	48.16	ug/l	100
83) tert-Butylbenzene	11.77	119	771624	49.58	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	770975	49.10	ug/l	100
85) sec-Butylbenzene	11.95	105	914206	49.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	854340	49.90	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	465129	48.48	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	473314	48.14	ug/l	99
89) n-Butylbenzene	12.40	91	758579	50.20	ug/l	100
90) Hexachloroethane	12.60	117	146224	50.48	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	449891	48.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59790	46.49	ug/l	99

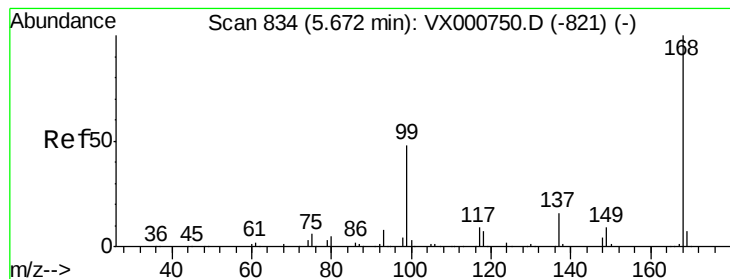
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041018\
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	394263	49.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	199455	51.32	ug/l	100
95) Naphthalene	13.84	128	988977	48.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	377776	49.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

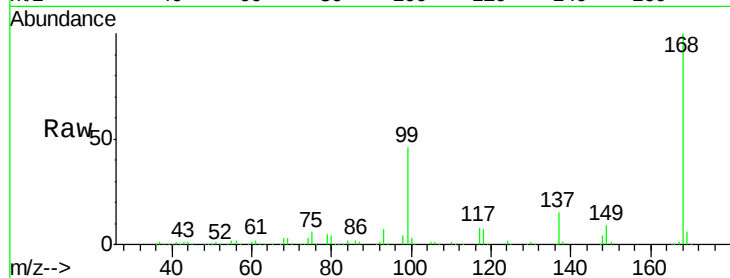
ICVVX041018

Tgt Ion:168 Resp: 331312

Ion Ratio Lower Upper

168 100

99 46.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

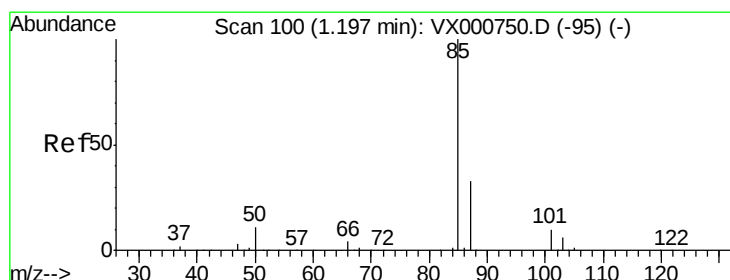
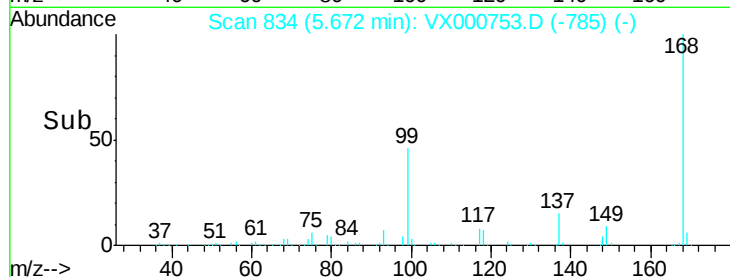
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000753.D

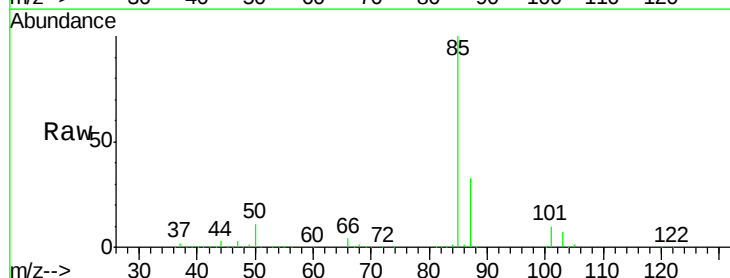
Acq: 10 Apr 2018 16:45

Tgt Ion: 85 Resp: 185559

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

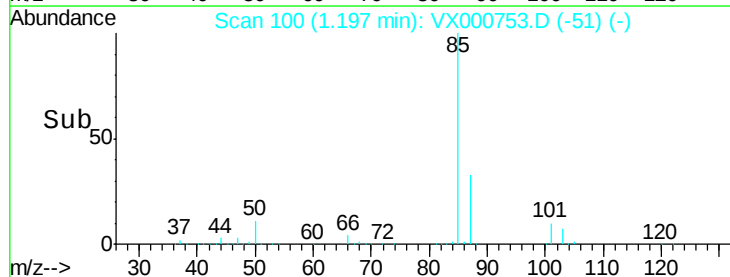
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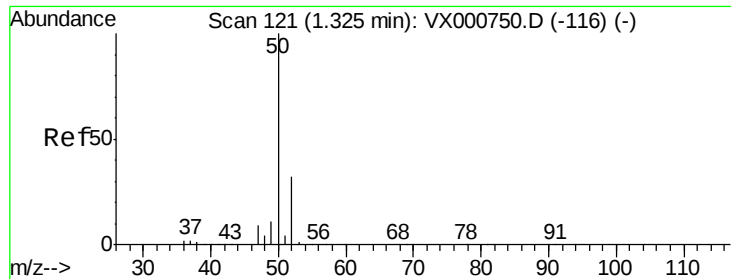
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50000

0

Time-->





#3

Chloromethane

Concen: 47.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

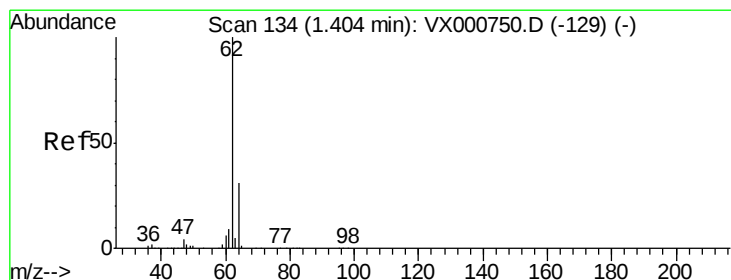
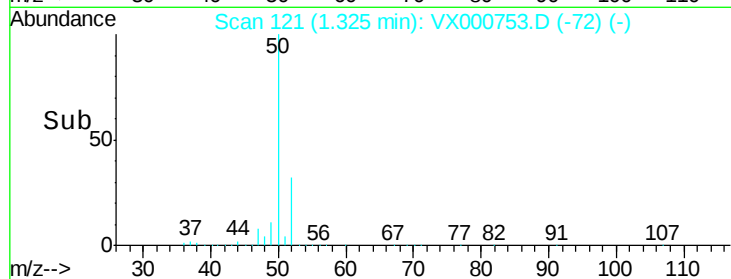
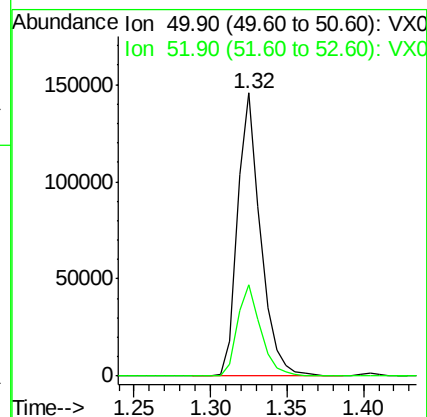
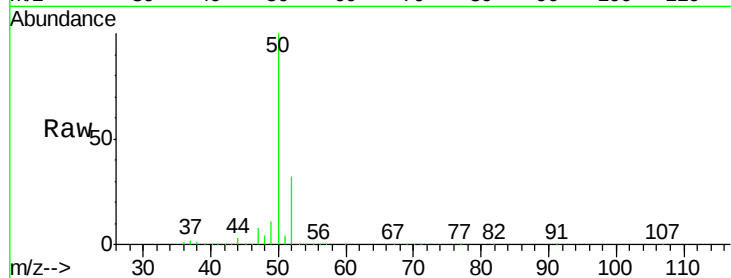
ICVVX041018

Tgt Ion: 50 Resp: 152102

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.8



#4

Vinyl Chloride

Concen: 47.20 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000753.D

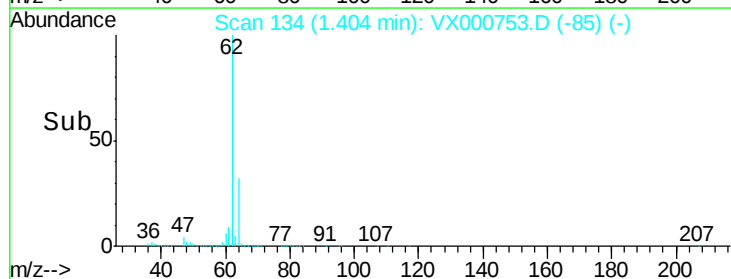
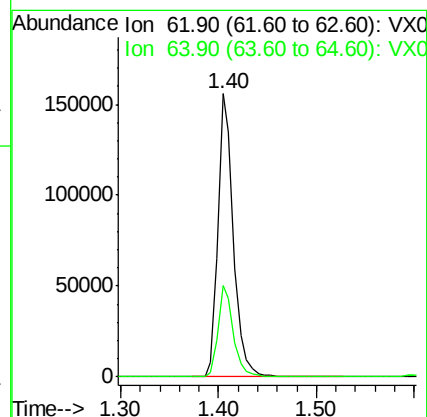
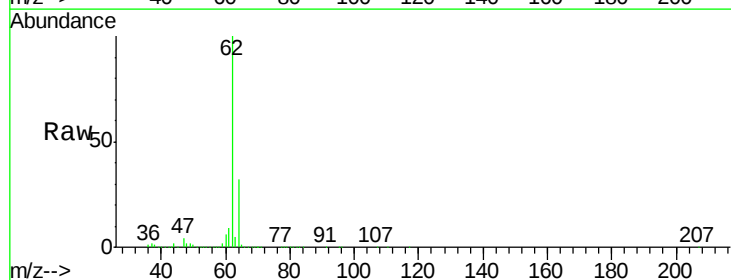
Acq: 10 Apr 2018 16:45

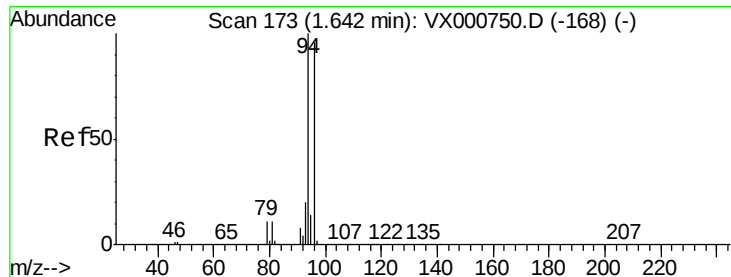
Tgt Ion: 62 Resp: 170235

Ion Ratio Lower Upper

62 100

64 32.5 24.6 36.8





#5

Bromomethane

Concen: 49.38 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

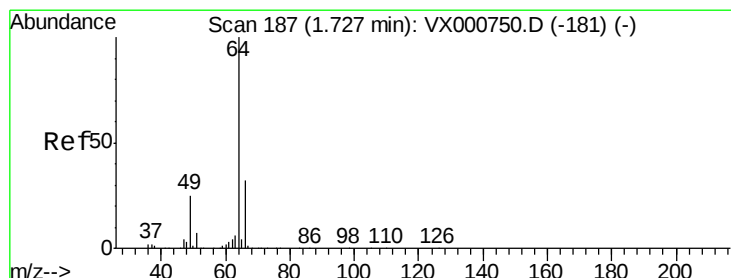
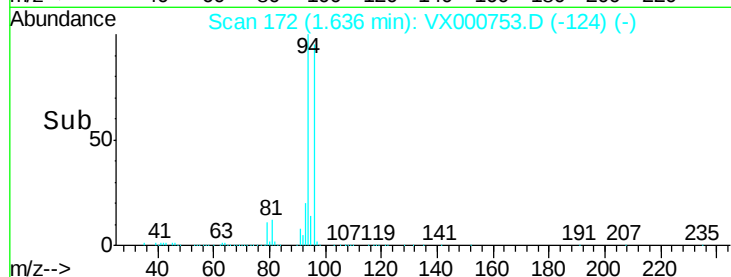
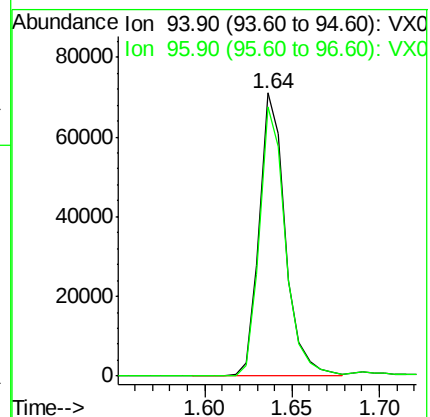
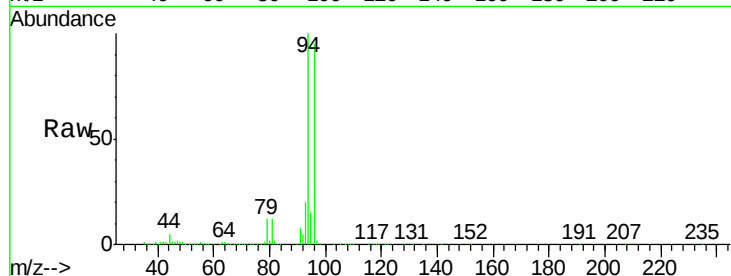
ICVVX041018

Tgt Ion: 94 Resp: 73748

Ion Ratio Lower Upper

94 100

96 95.2 77.0 115.6



#6

Chloroethane

Concen: 44.90 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000753.D

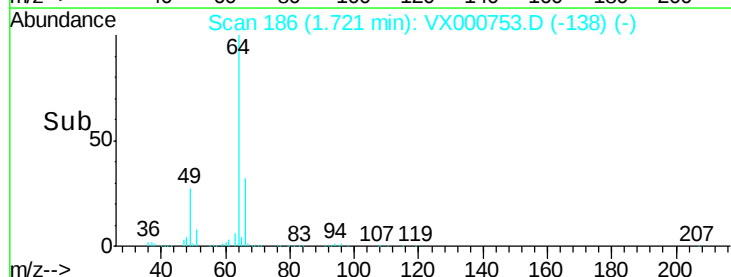
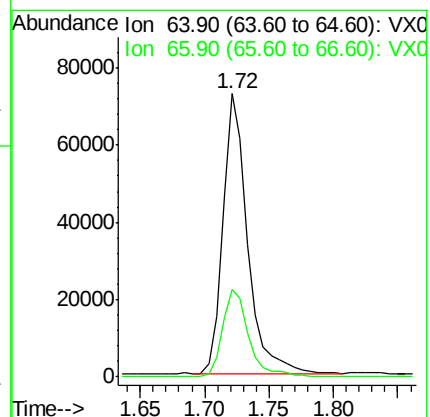
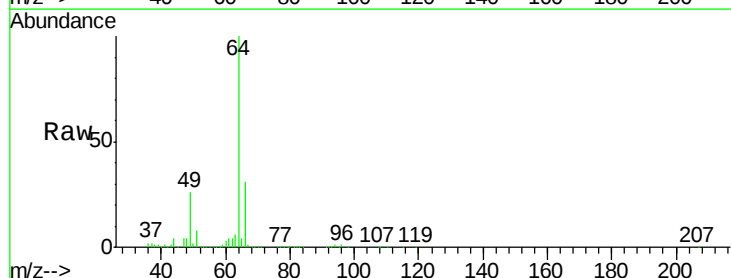
Acq: 10 Apr 2018 16:45

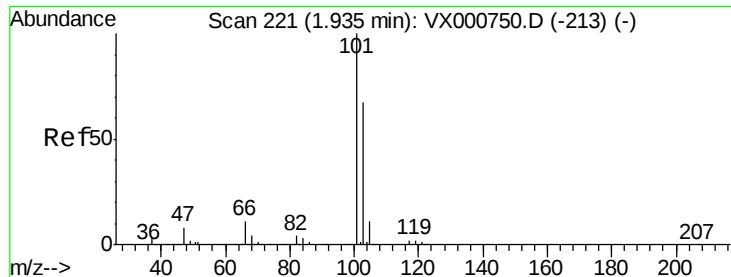
Tgt Ion: 64 Resp: 98144

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9





#7

Trichlorofluoromethane

Concen: 48.59 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

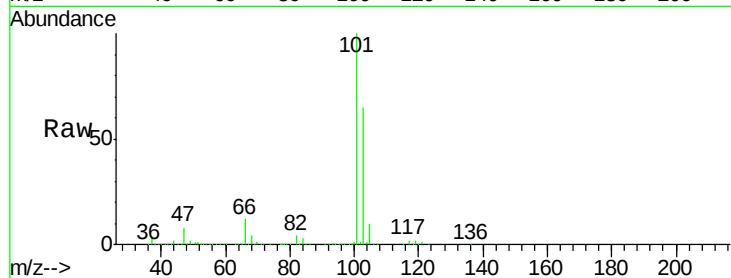
ICVVX041018

Tgt Ion:101 Resp: 264409

Ion Ratio Lower Upper

101 100

103 65.4 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

200000

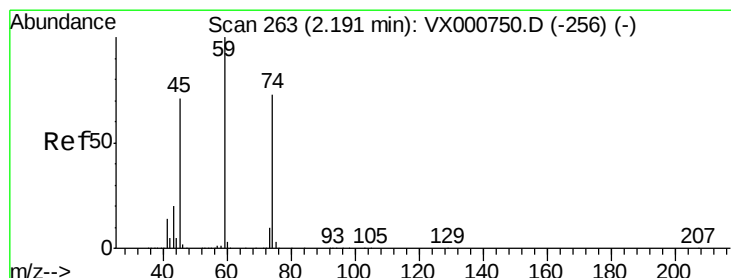
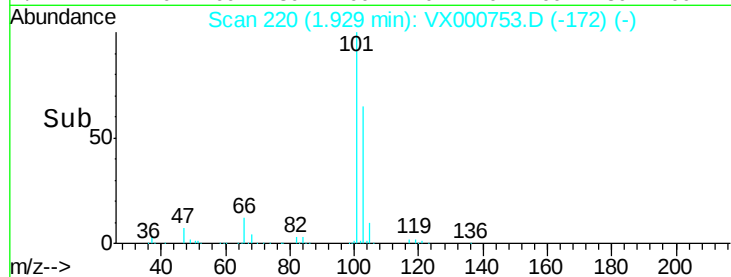
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50000

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Time-->



#8

Diethyl Ether

Concen: 46.19 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX000753.D

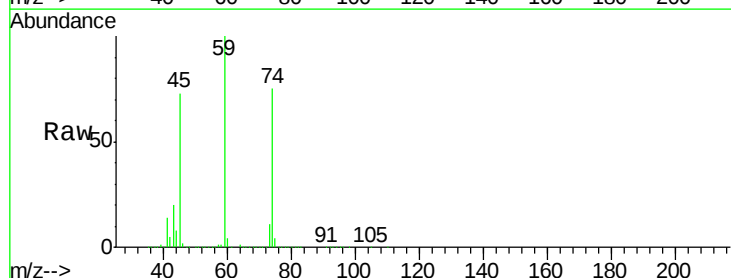
Acq: 10 Apr 2018 16:45

Tgt Ion: 74 Resp: 93893

Ion Ratio Lower Upper

74 100

45 96.6 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

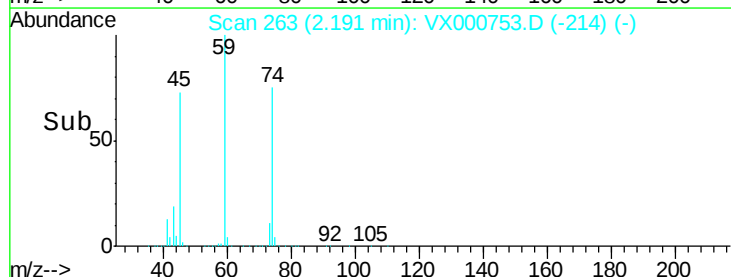
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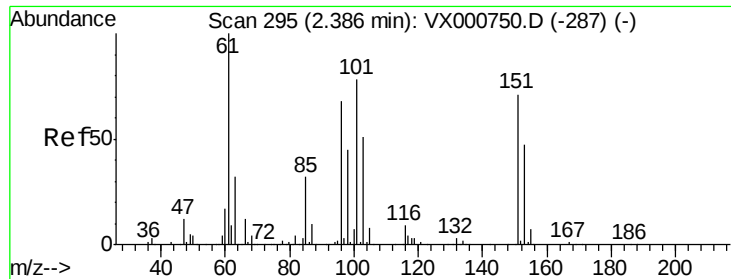
40000

20000

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Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.02 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

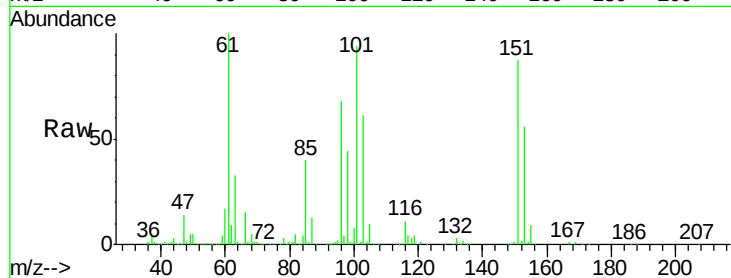
Tgt Ion:101 Resp: 157293

Ion Ratio Lower Upper

101 100

85 41.9 34.0 51.0

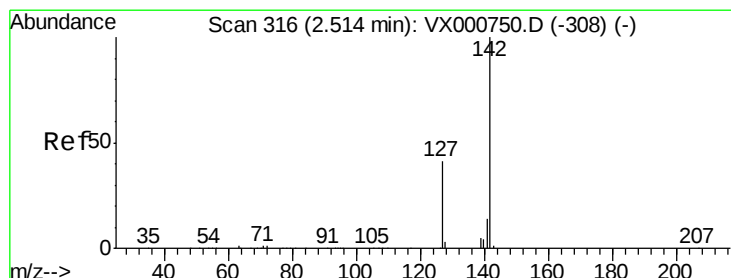
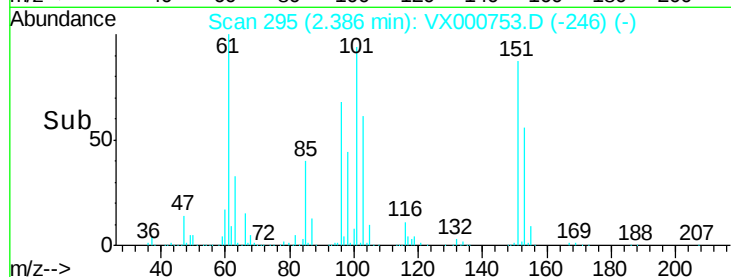
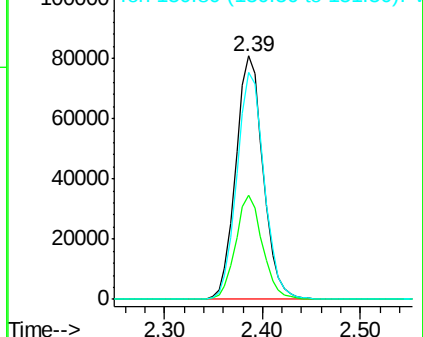
151 93.3 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.11 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

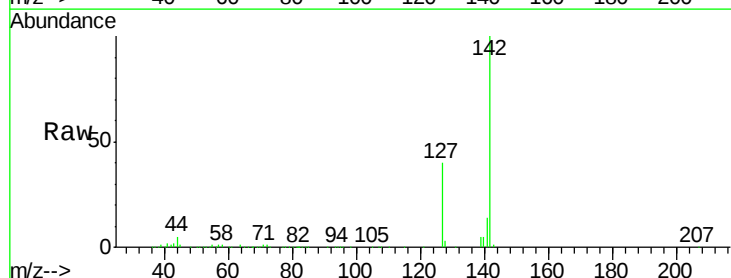
Tgt Ion:142 Resp: 98290

Ion Ratio Lower Upper

142 100

127 40.9 32.6 49.0

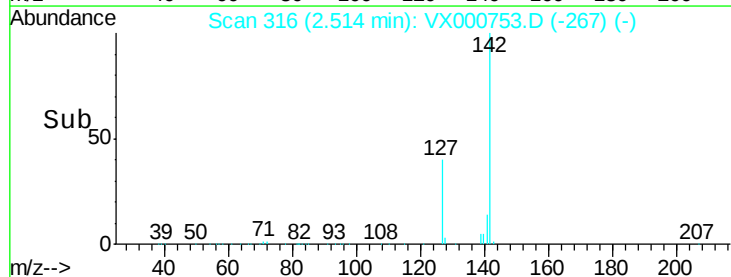
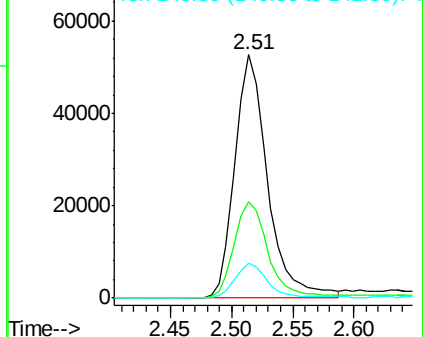
141 14.8 11.5 17.3

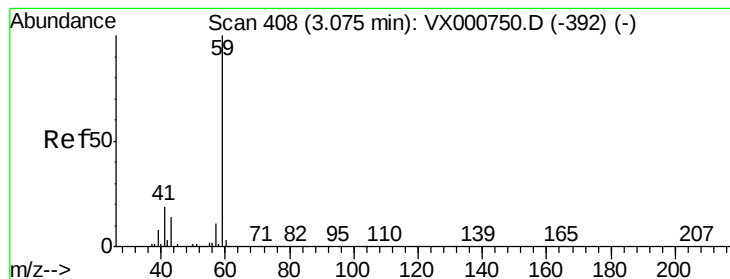


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



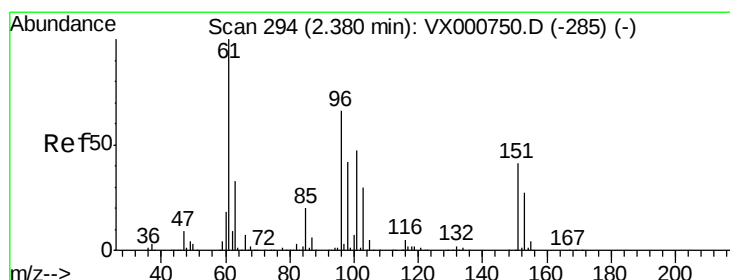
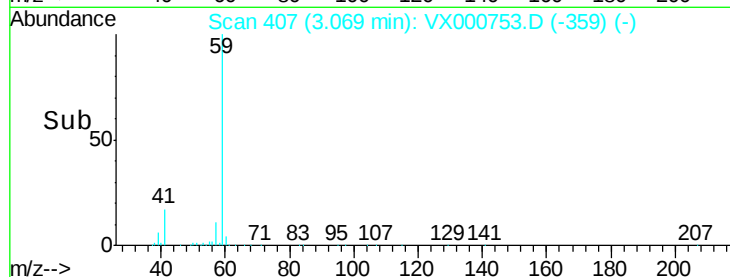
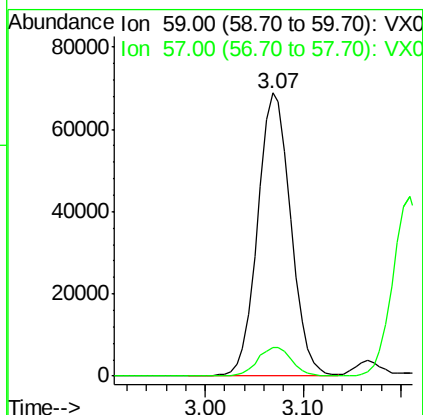
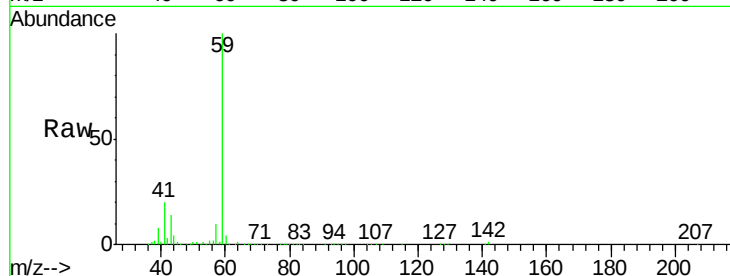


#11

Tert butyl alcohol
Concen: 218.57 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

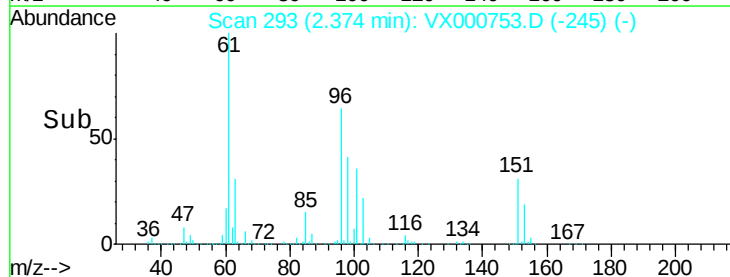
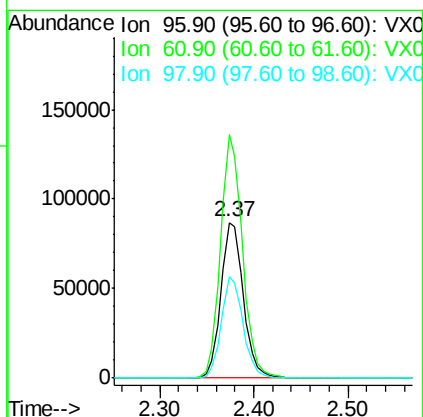
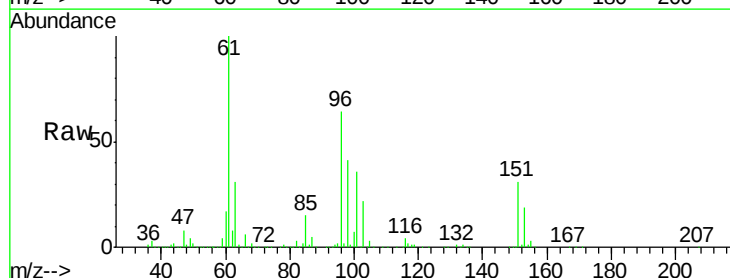
Tgt Ion: 59 Resp: 162109
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

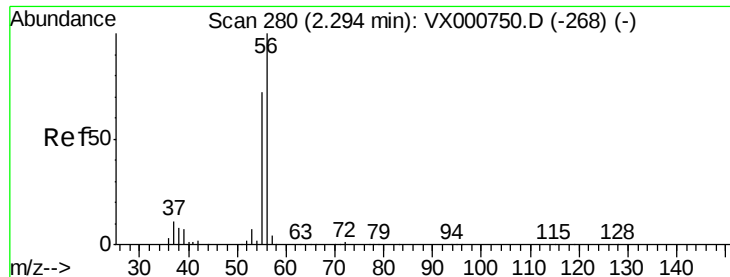


#12

1,1-Dichloroethene
Concen: 46.81 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion: 96 Resp: 142336
Ion Ratio Lower Upper
96 100
61 156.5 120.5 180.7
98 64.8 50.9 76.3





#13

Acrolein

Concen: 242.90 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

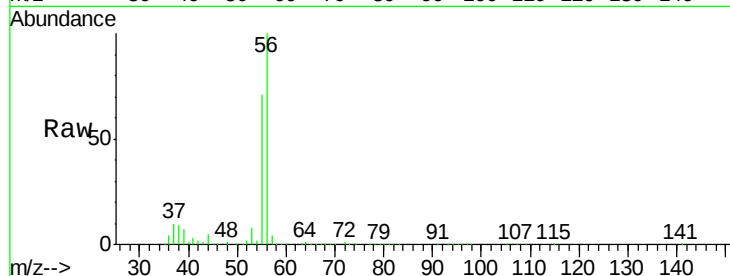
ICVVX041018

Tgt Ion: 56 Resp: 87487

Ion Ratio Lower Upper

56 100

55 71.7 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

30000

20000

10000

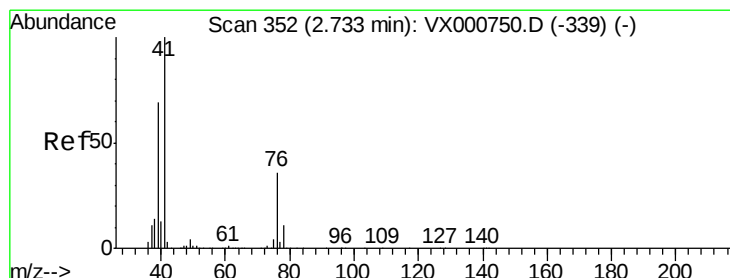
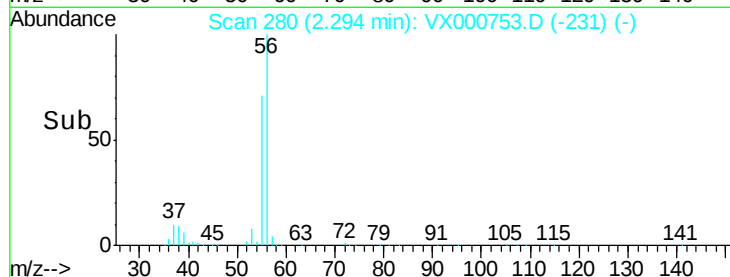
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 45.88 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

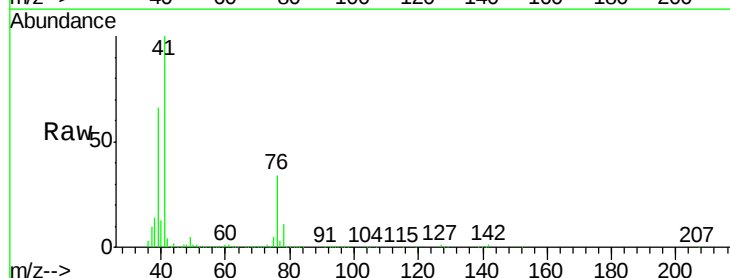
Tgt Ion: 41 Resp: 257997

Ion Ratio Lower Upper

41 100

39 64.7 51.5 77.3

76 33.5 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

150000

100000

50000

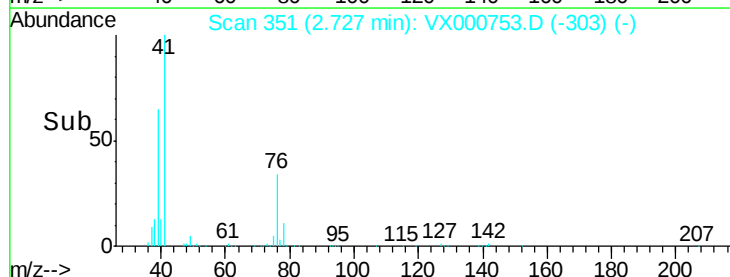
0

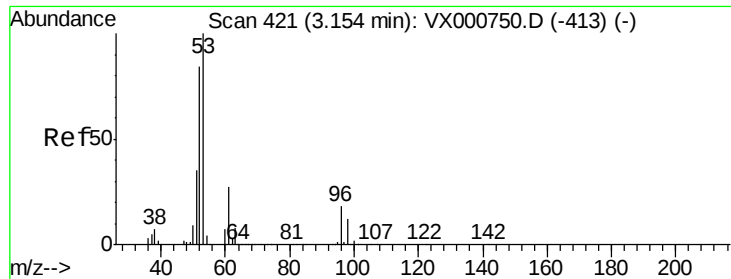
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 229.84 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

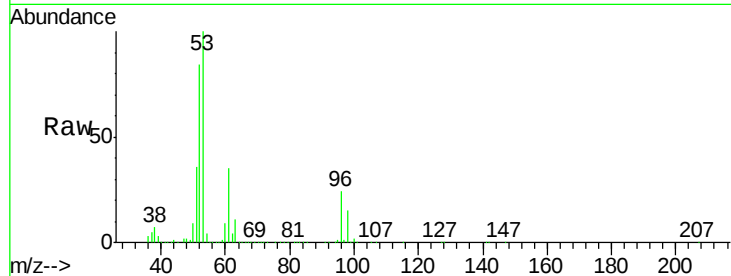
Tgt Ion: 53 Resp: 363444

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

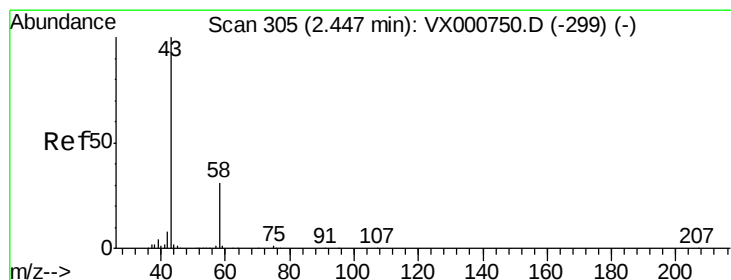
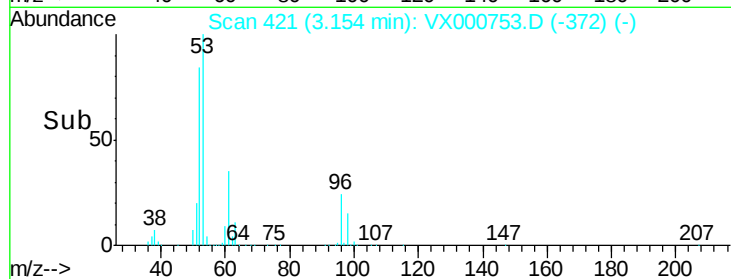
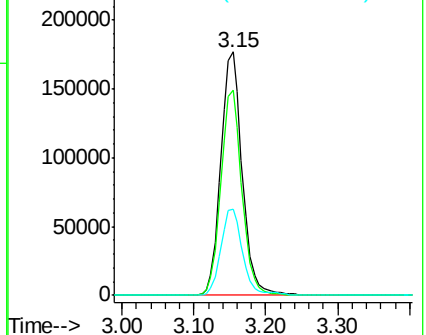
51 36.2 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 232.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX000753.D

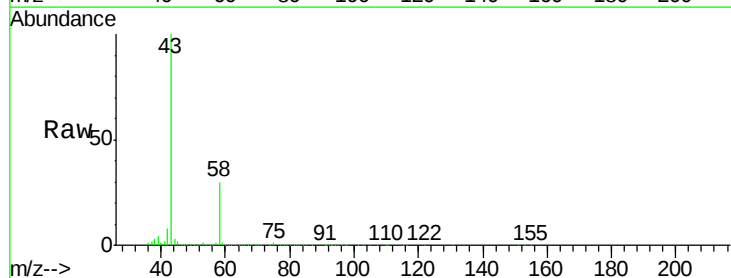
Acq: 10 Apr 2018 16:45

Tgt Ion: 43 Resp: 334893

Ion Ratio Lower Upper

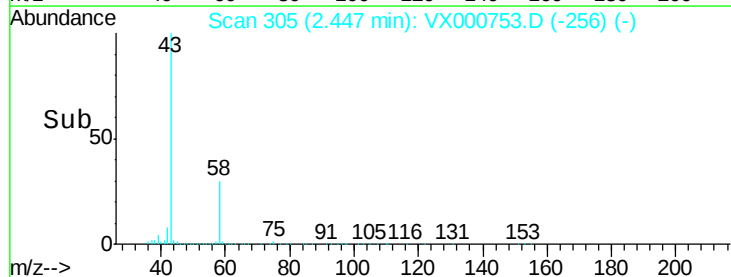
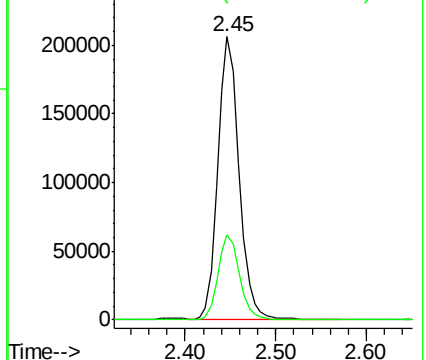
43 100

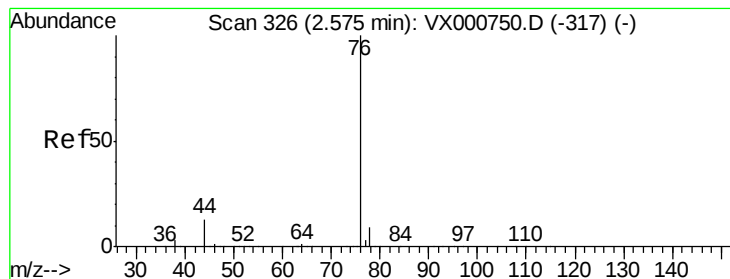
58 30.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.33 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

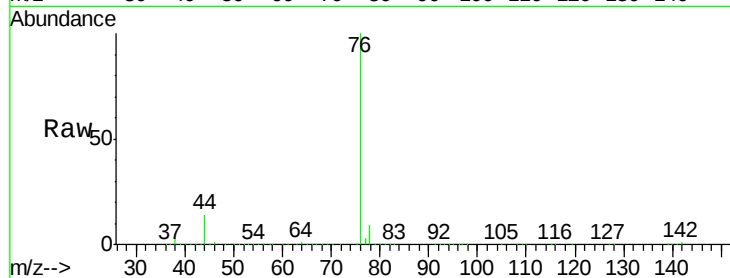
ICVVX041018

Tgt Ion: 76 Resp: 426559

Ion Ratio Lower Upper

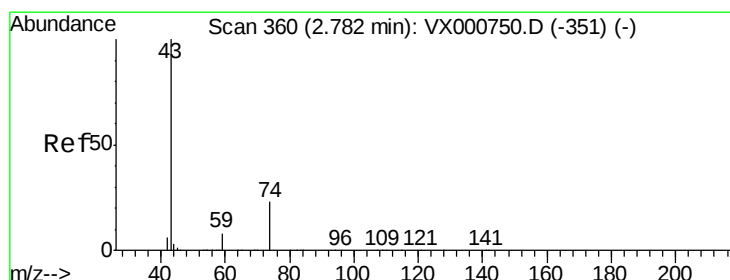
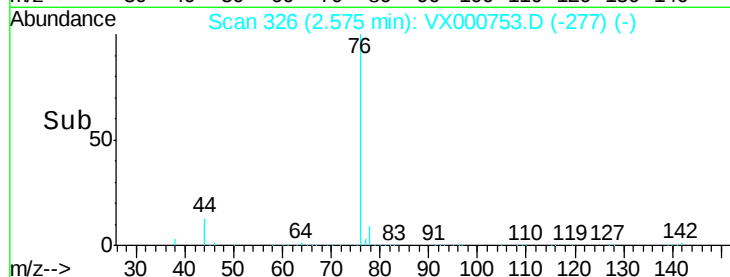
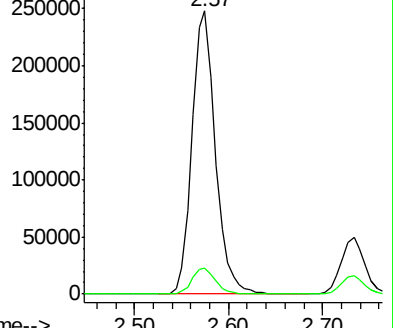
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.54 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000753.D

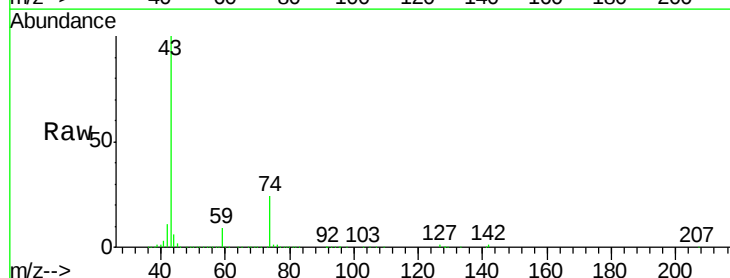
Acq: 10 Apr 2018 16:45

Tgt Ion: 43 Resp: 173520

Ion Ratio Lower Upper

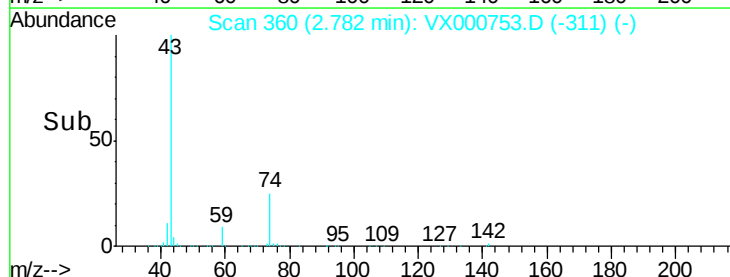
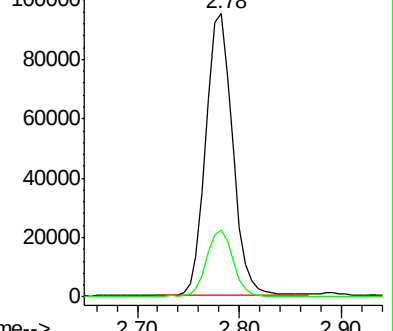
43 100

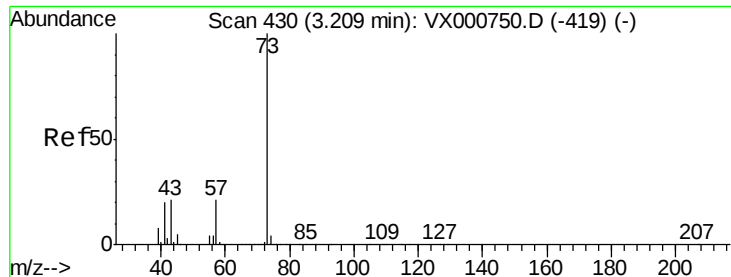
74 23.8 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 47.23 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

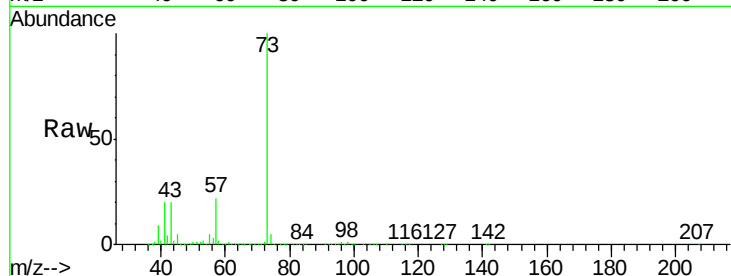
ICVVX041018

Tgt Ion: 73 Resp: 478386

Ion Ratio Lower Upper

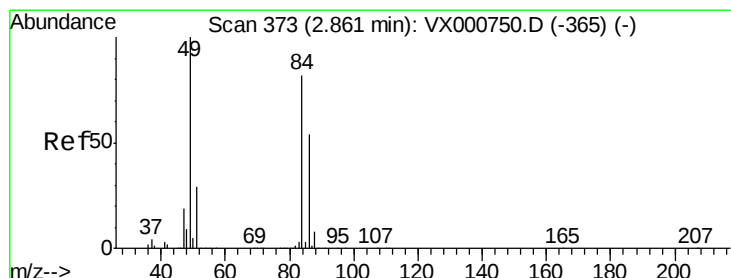
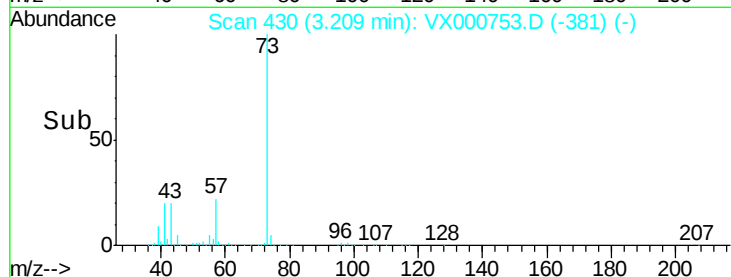
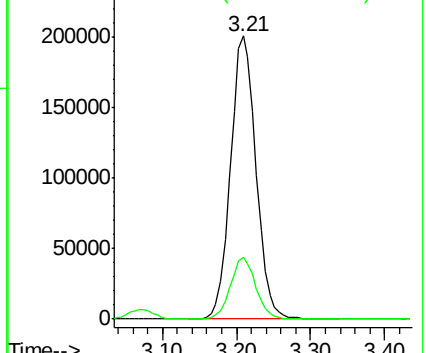
73 100

57 21.7 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 45.73 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion: 84 Resp: 153213

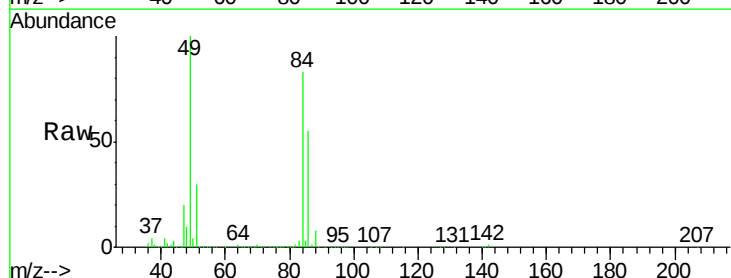
Ion Ratio Lower Upper

84 100

49 120.8 98.1 147.1

51 36.7 28.9 43.3

86 66.1 52.7 79.1

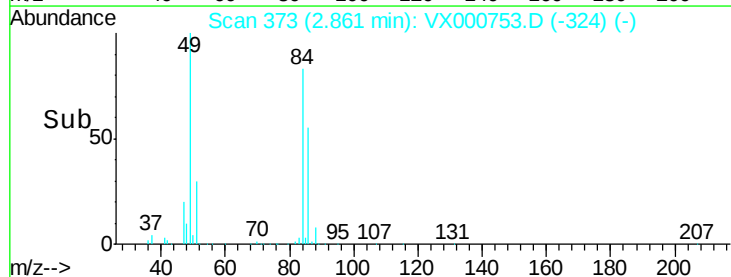
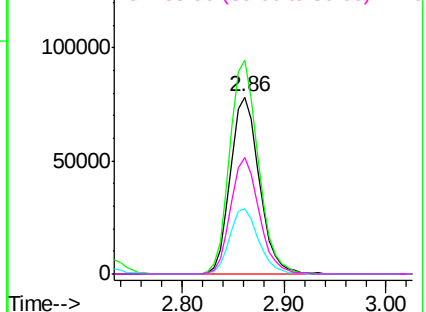


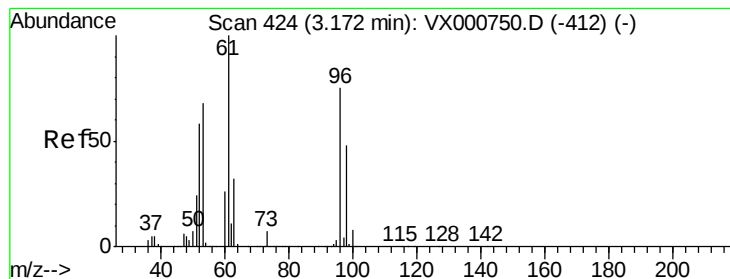
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 45.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampled :

ICVVX041018

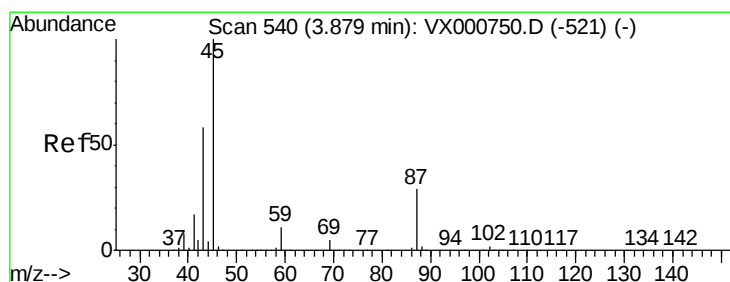
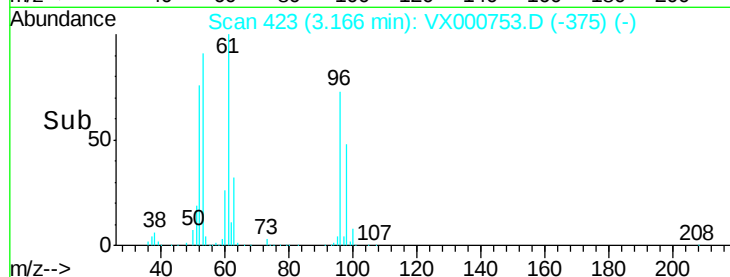
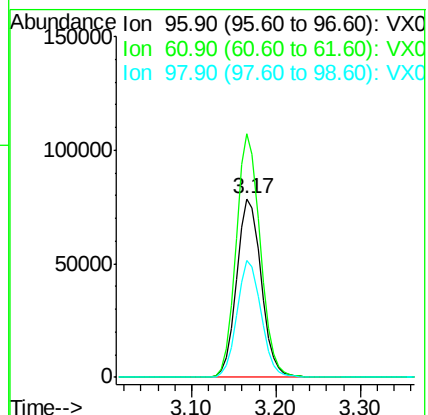
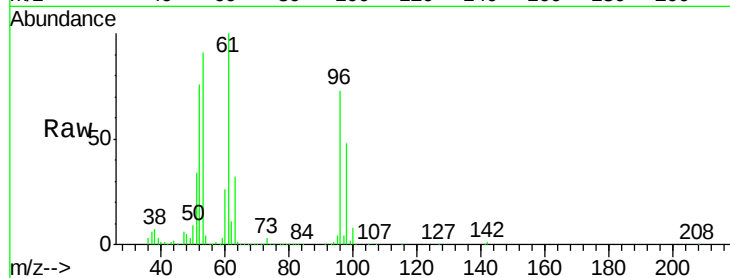
Tgt Ion: 96 Resp: 153720

Ion Ratio Lower Upper

96 100

61 136.2 106.2 159.2

98 65.7 51.2 76.8



#22

Diisopropyl ether

Concen: 46.05 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion: 45 Resp: 475864

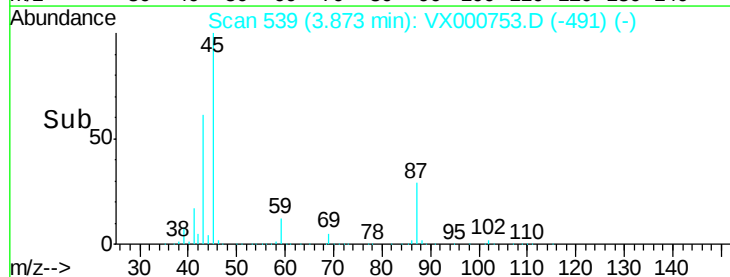
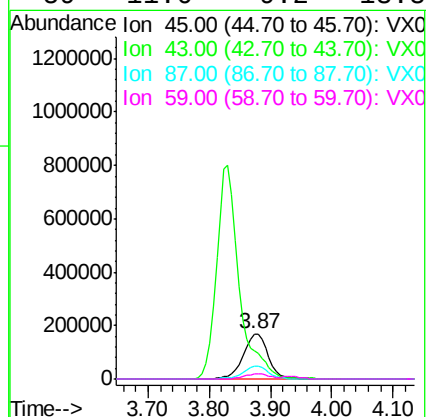
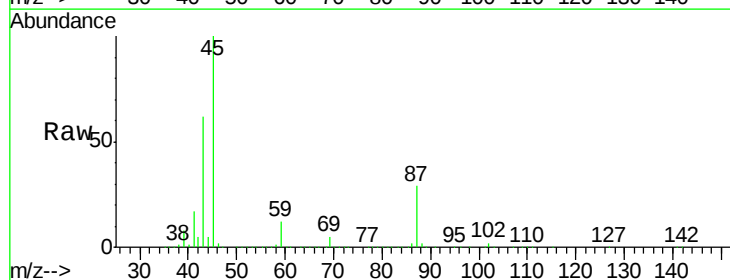
Ion Ratio Lower Upper

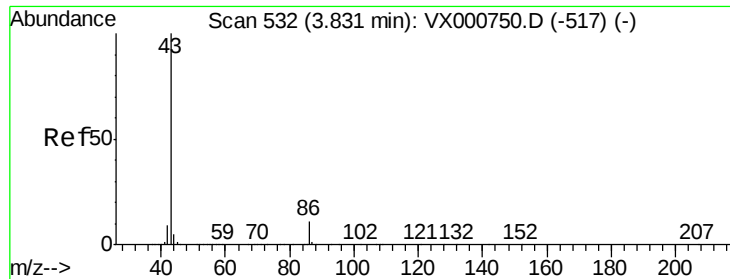
45 100

43 61.2 46.6 69.8

87 28.9 22.9 34.3

59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 229.99 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

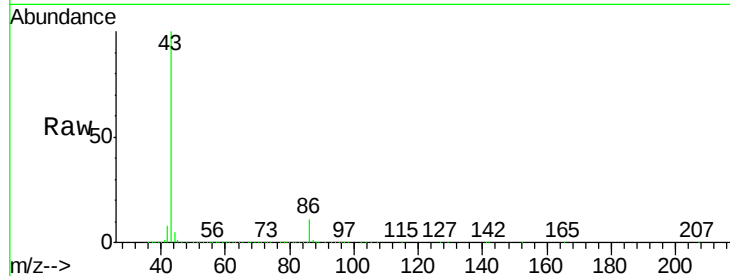
ICVVX041018

Tgt Ion: 43 Resp: 2086537

Ion Ratio Lower Upper

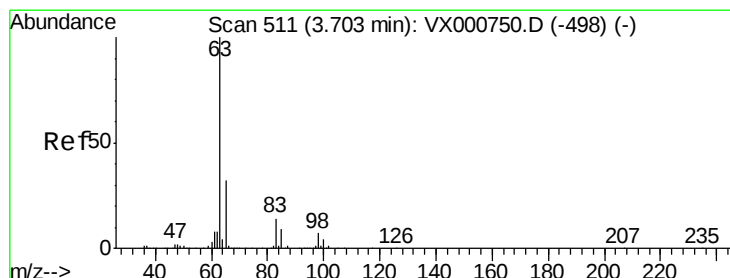
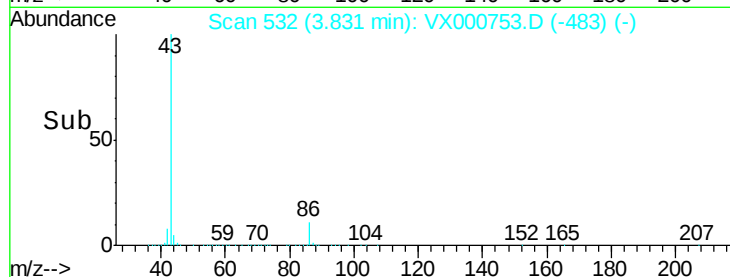
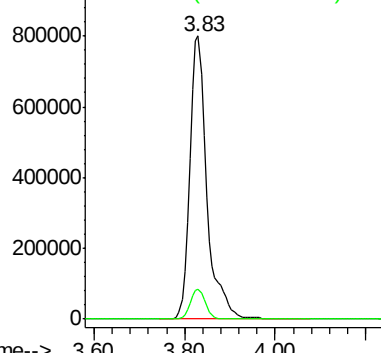
43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.91 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

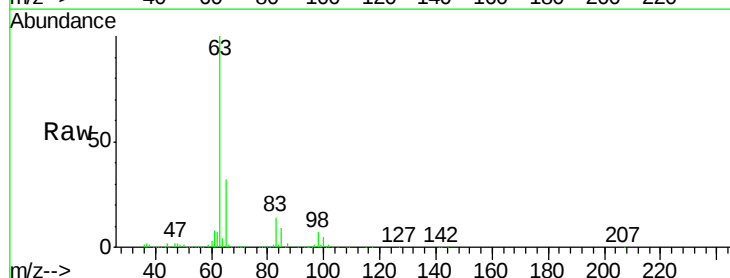
Tgt Ion: 63 Resp: 266215

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

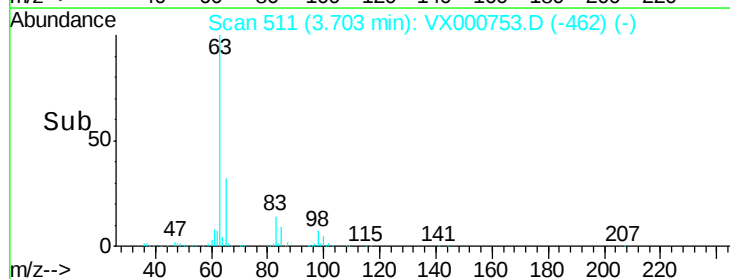
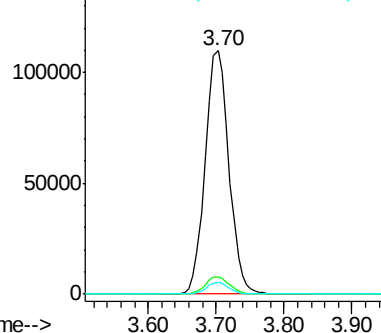
100 4.7 2.1 6.3

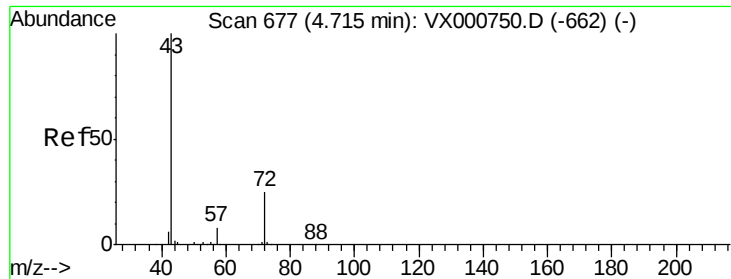


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 229.50 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

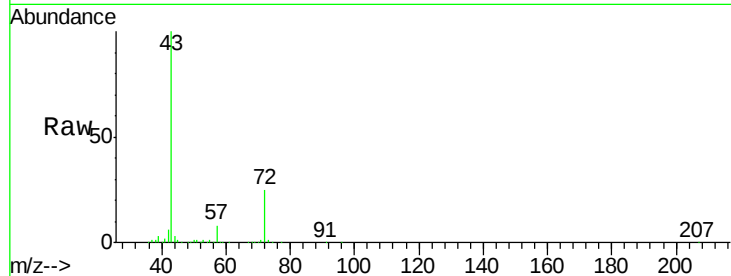
ICVVX041018

Tgt Ion: 43 Resp: 545960

Ion Ratio Lower Upper

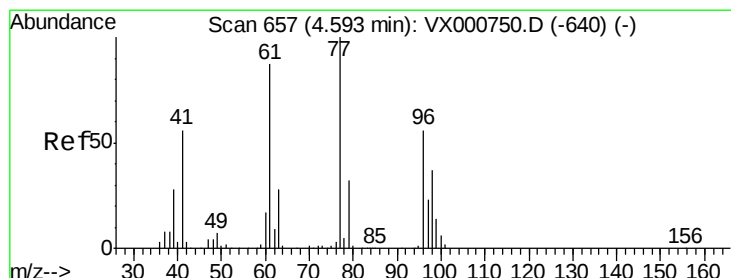
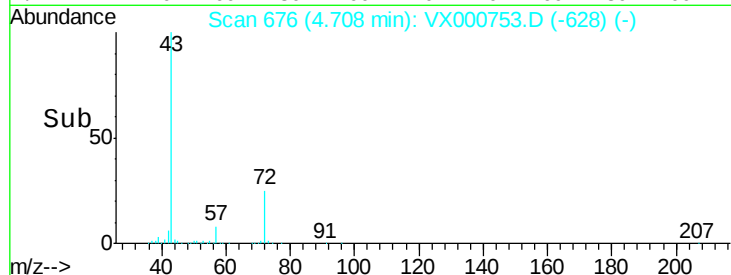
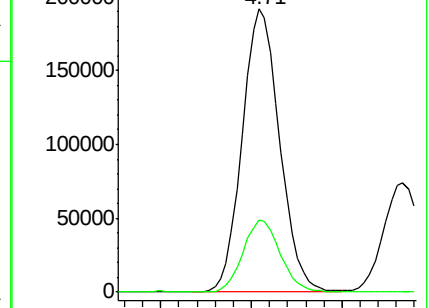
43 100

72 25.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.23 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000753.D

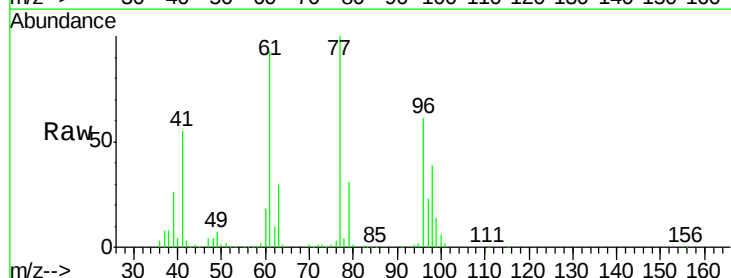
Acq: 10 Apr 2018 16:45

Tgt Ion: 77 Resp: 271799

Ion Ratio Lower Upper

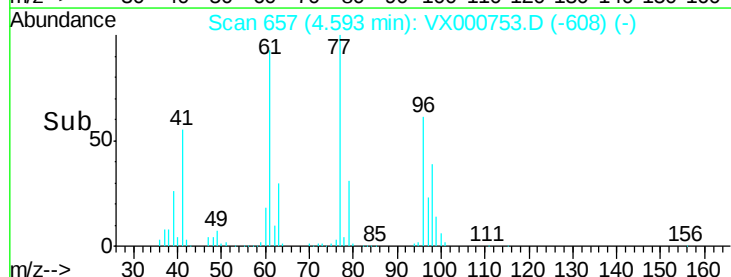
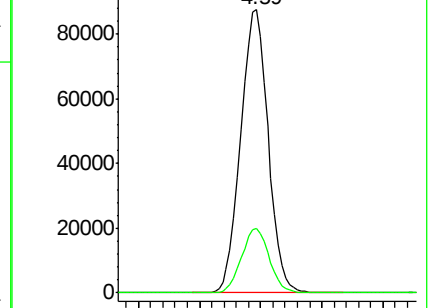
77 100

97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



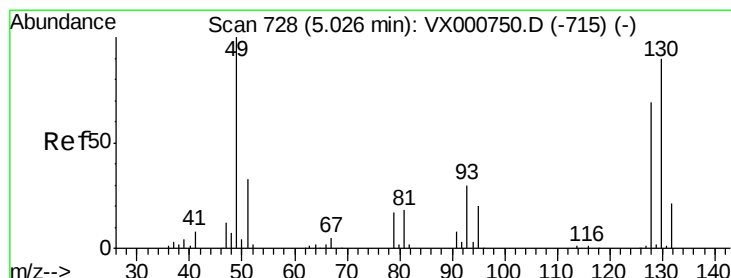
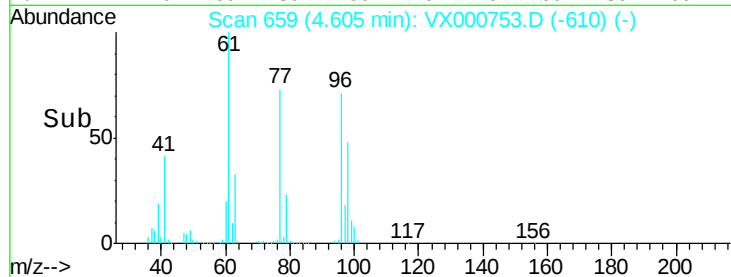
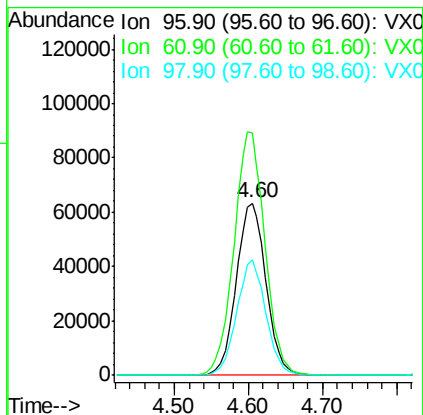
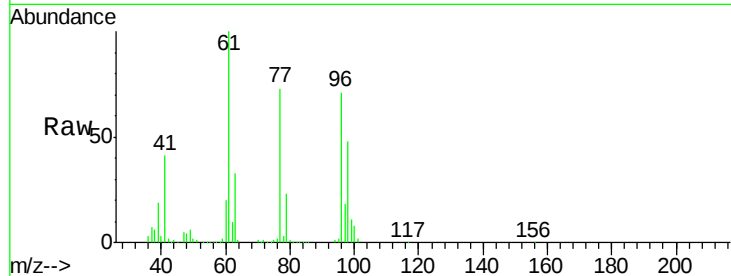


#27

cis-1,2-Dichloroethene
Concen: 46.53 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

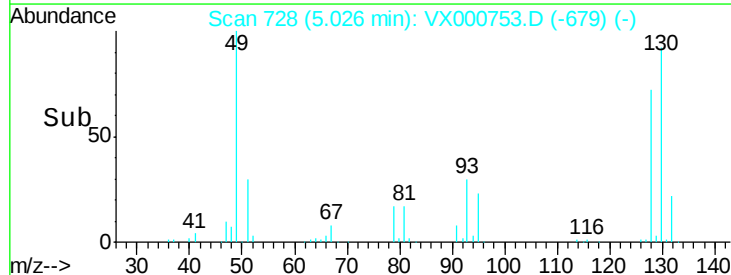
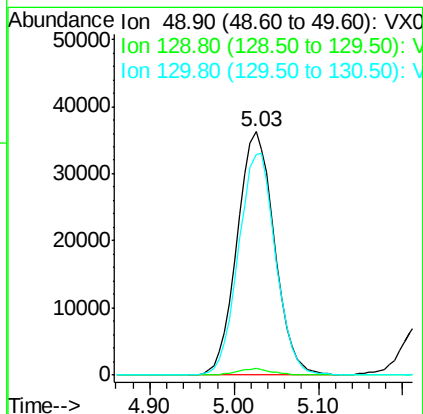
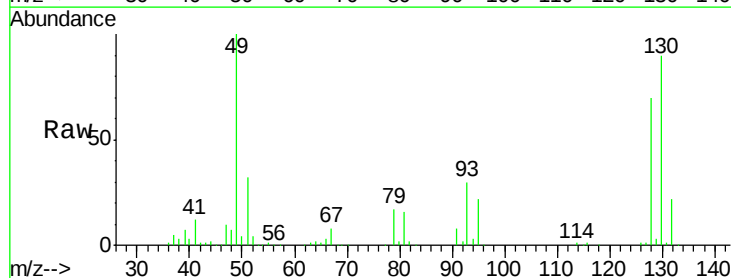
Tgt Ion: 96 Resp: 177069
Ion Ratio Lower Upper
96 100
61 147.3 0.0 292.4
98 65.9 0.0 130.2

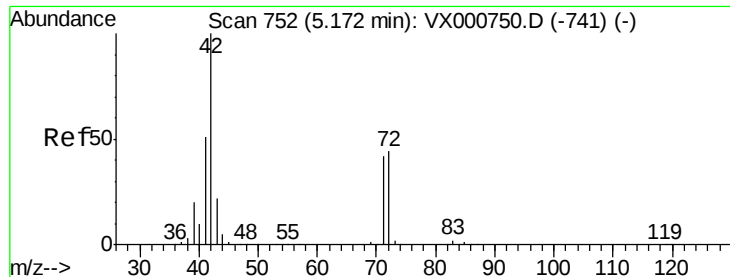


#28

Bromochloromethane
Concen: 46.67 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion: 49 Resp: 108963
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 90.3 72.6 109.0





#29

Tetrahydrofuran

Concen: 226.58 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

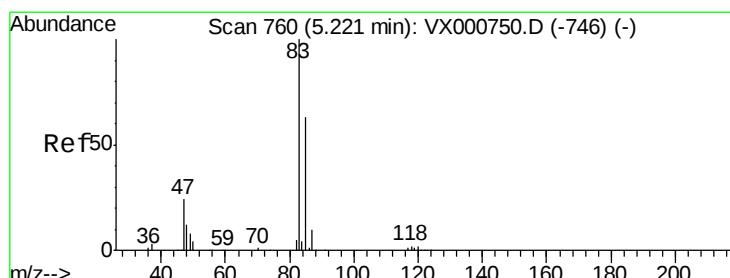
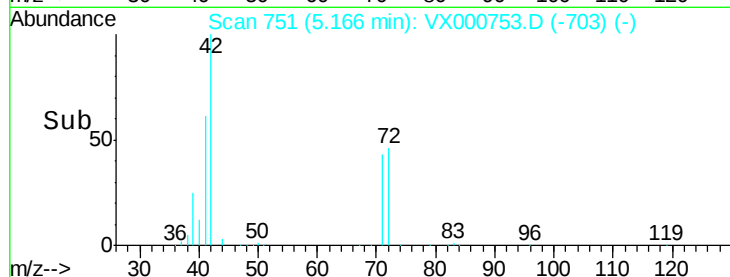
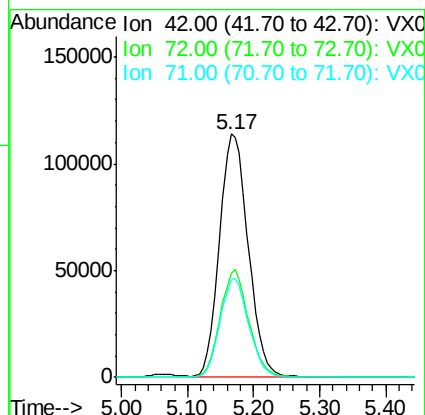
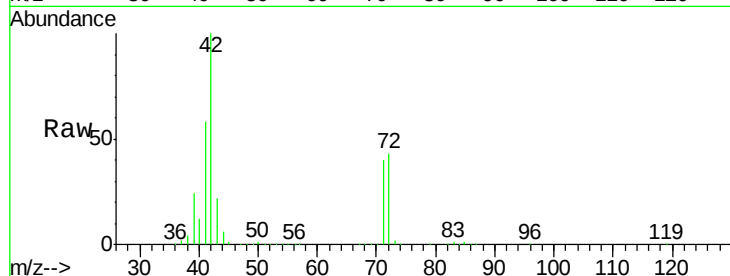
Tgt Ion: 42 Resp: 342257

Ion Ratio Lower Upper

42 100

72 43.9 35.1 52.7

71 40.8 32.8 49.2



#30

Chloroform

Concen: 47.48 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000753.D

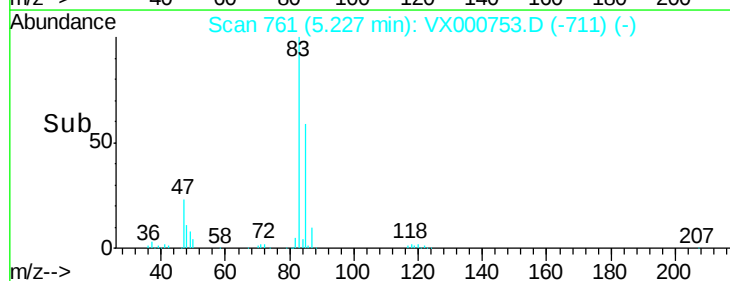
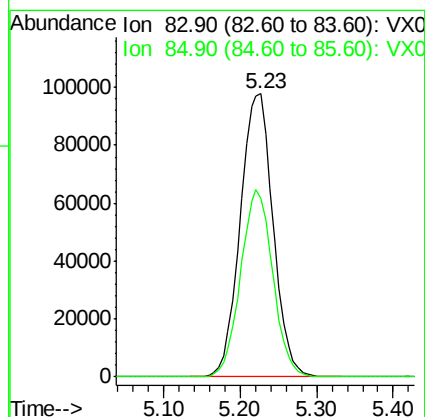
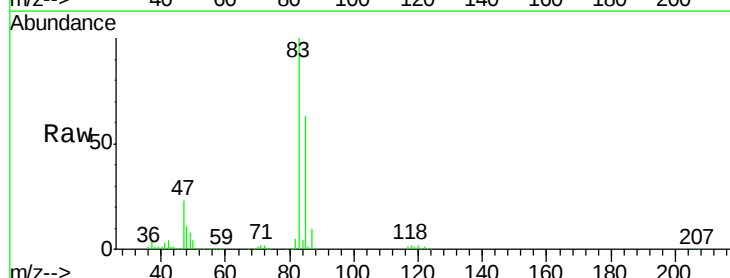
Acq: 10 Apr 2018 16:45

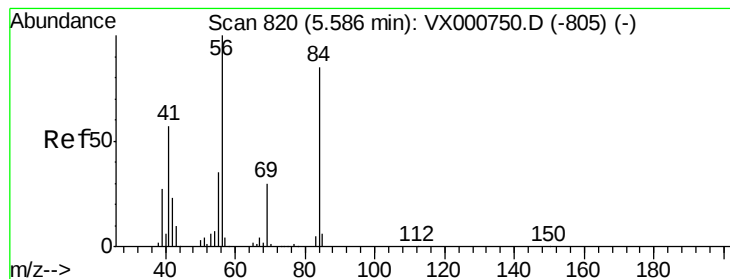
Tgt Ion: 83 Resp: 291502

Ion Ratio Lower Upper

83 100

85 63.1 50.7 76.1





#31

Cyclohexane

Concen: 47.32 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

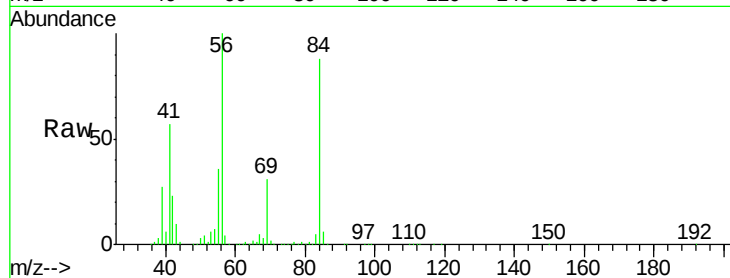
Tgt Ion: 56 Resp: 260588

Ion Ratio Lower Upper

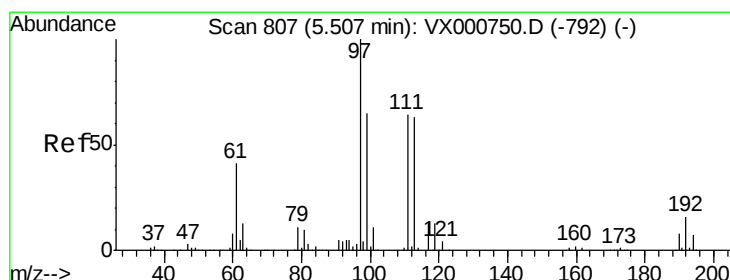
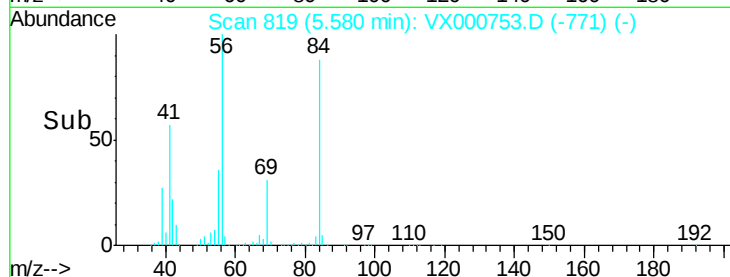
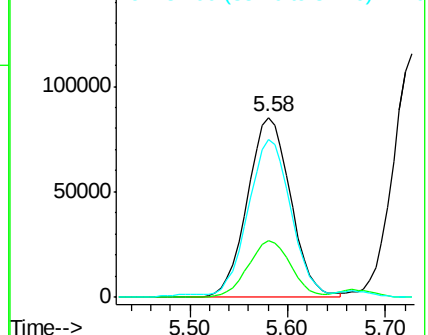
56 100

69 31.2 24.2 36.4

84 86.0 67.6 101.4



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



#32

1,1,1-Trichloroethane

Concen: 47.50 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

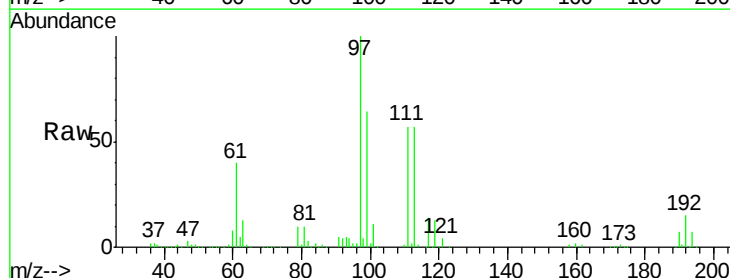
Tgt Ion: 97 Resp: 277787

Ion Ratio Lower Upper

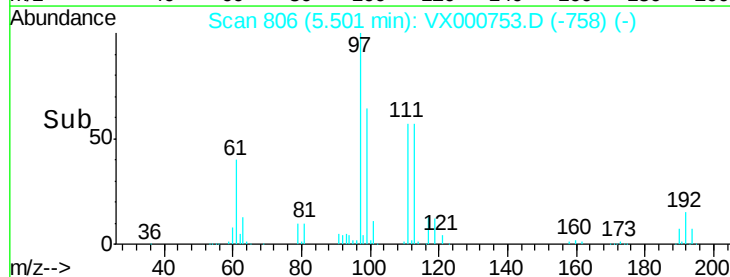
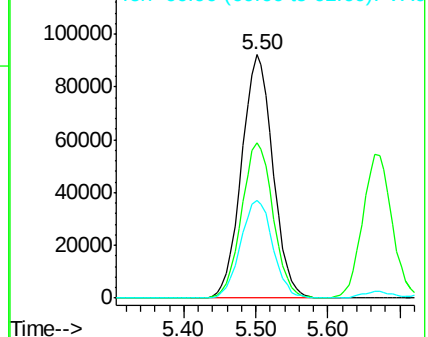
97 100

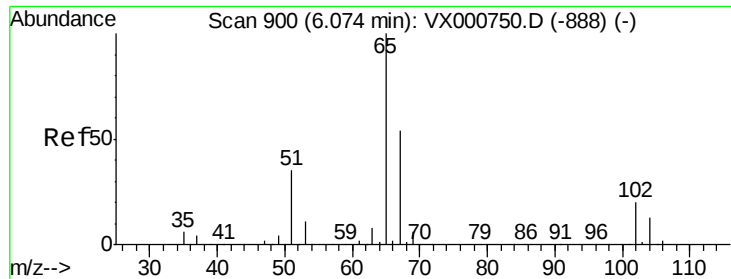
99 64.3 51.4 77.0

61 41.6 33.7 50.5



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

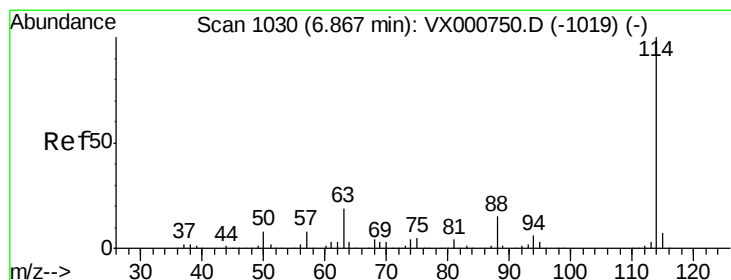
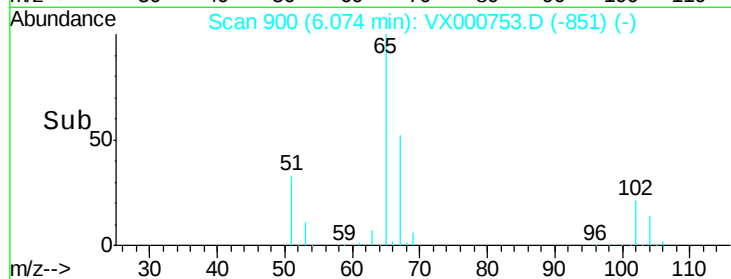
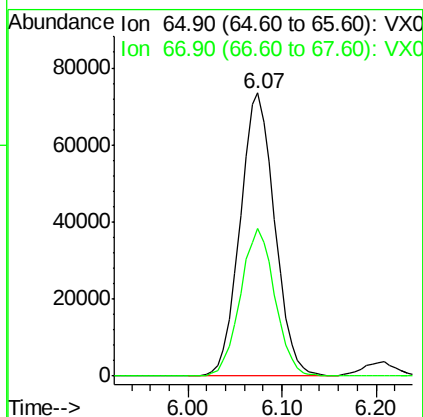
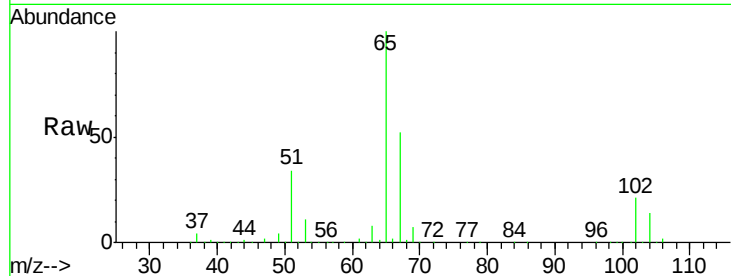




#33
 1,2-Dichloroethane-d4
 Concen: 45.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

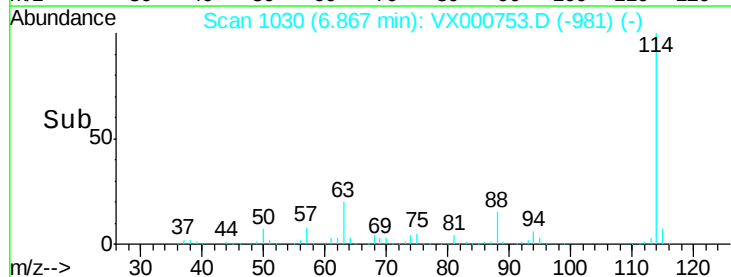
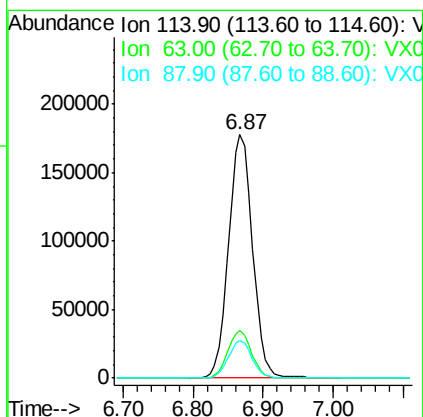
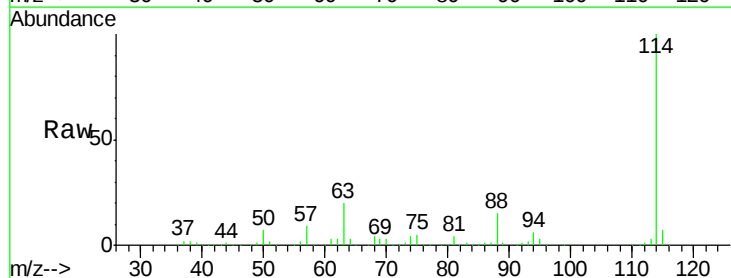
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

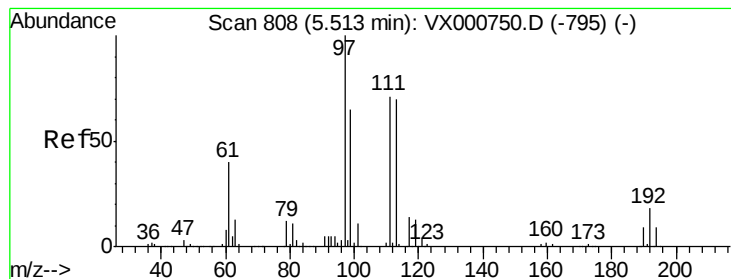
Tgt Ion: 65 Resp: 188988
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion: 114 Resp: 424089
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

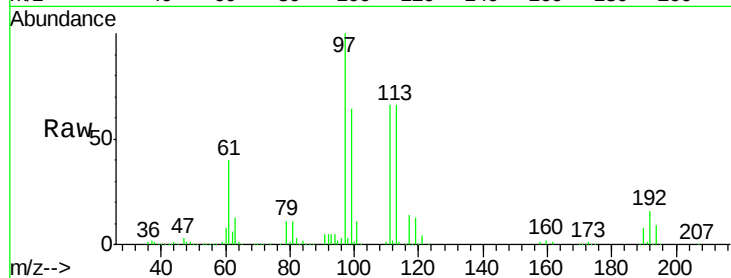
Tgt Ion:113 Resp: 162136

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

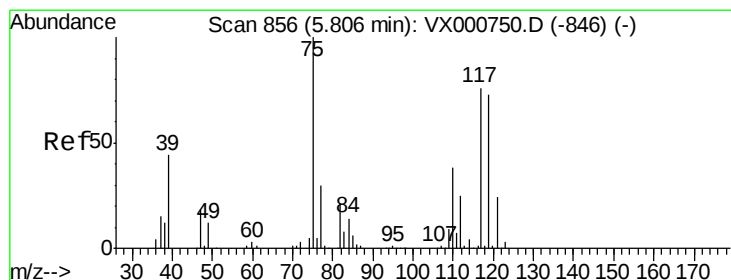
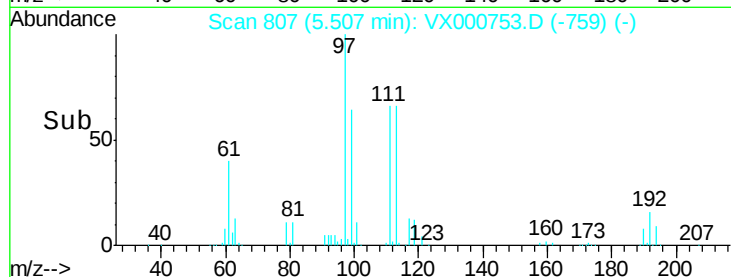
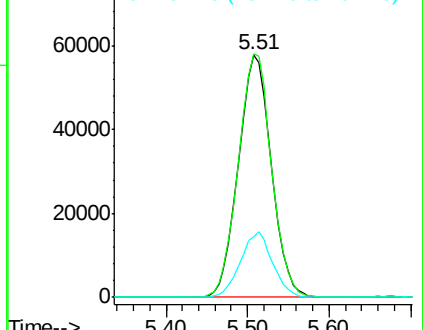
192 26.2 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.40 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

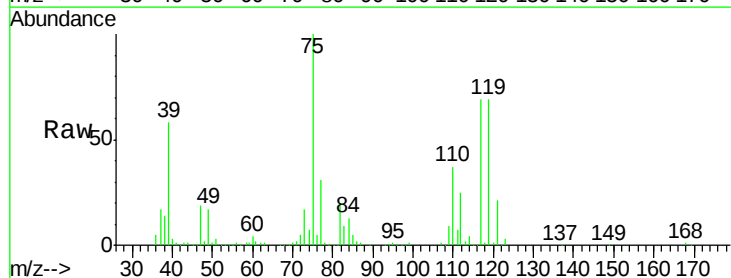
Tgt Ion: 75 Resp: 226040

Ion Ratio Lower Upper

75 100

110 38.0 19.2 57.6

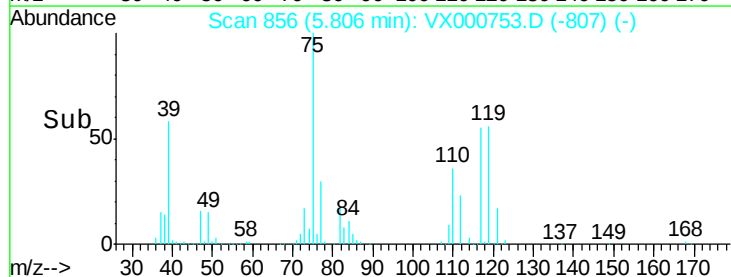
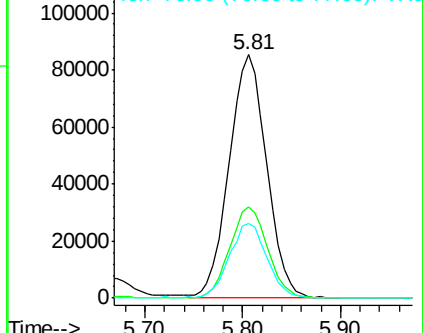
77 30.6 25.4 38.2

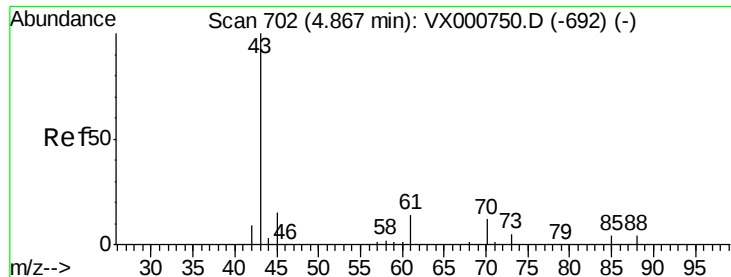


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

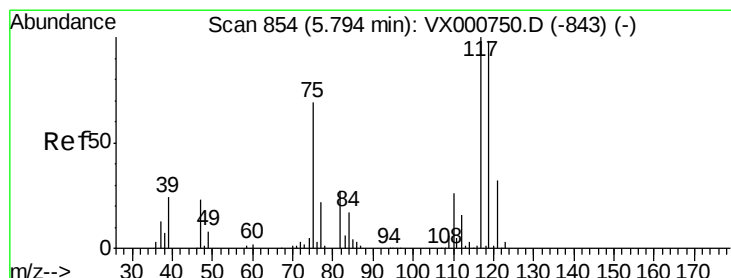
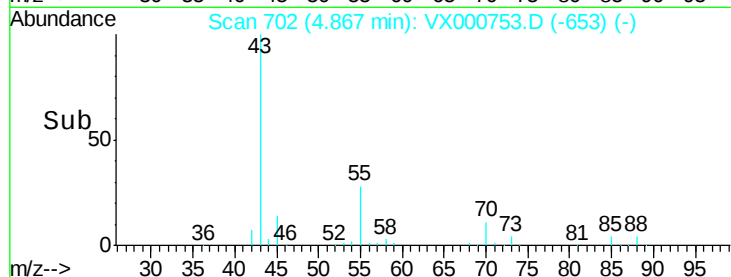
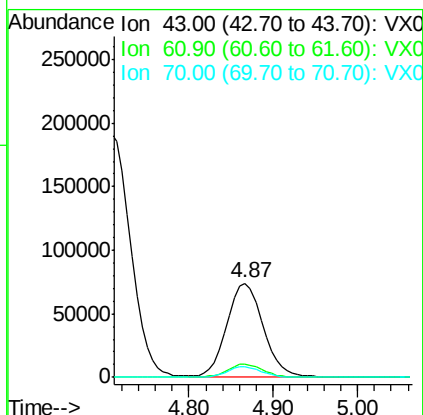
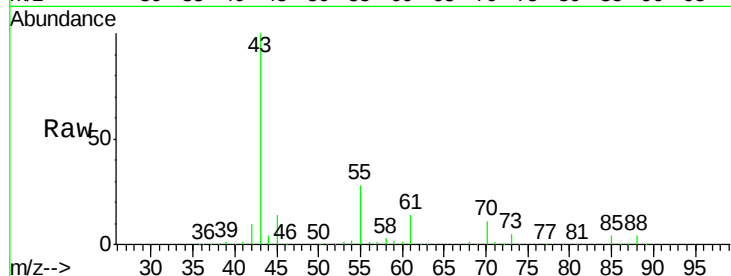




#37
Ethyl Acetate
Concen: 47.39 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

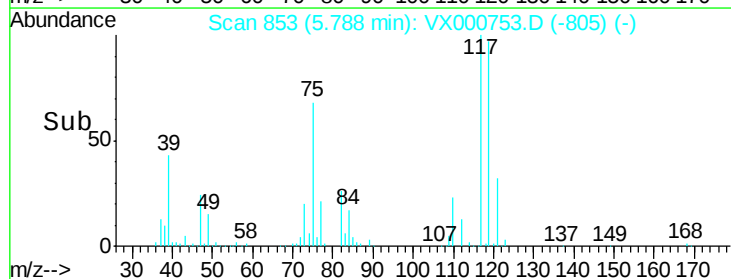
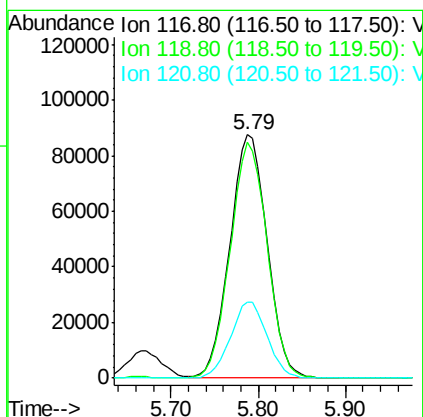
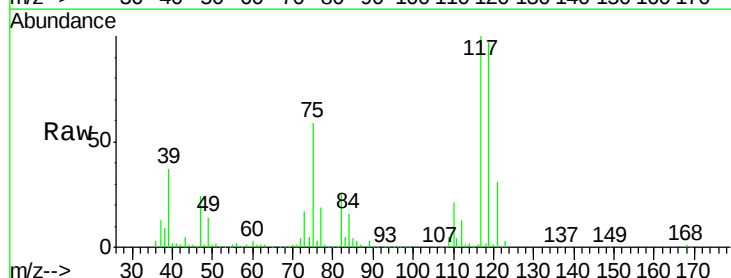
Instrument :
MSVOA_X
ClientSampled :
ICVVX041018

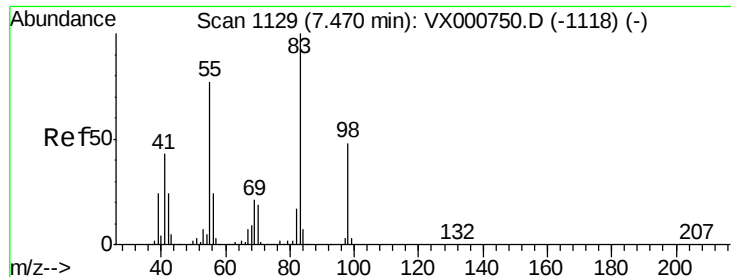
Tgt Ion: 43 Resp: 216062
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.39 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion: 117 Resp: 258203
Ion Ratio Lower Upper
117 100
119 96.9 78.4 117.6
121 31.4 25.4 38.0

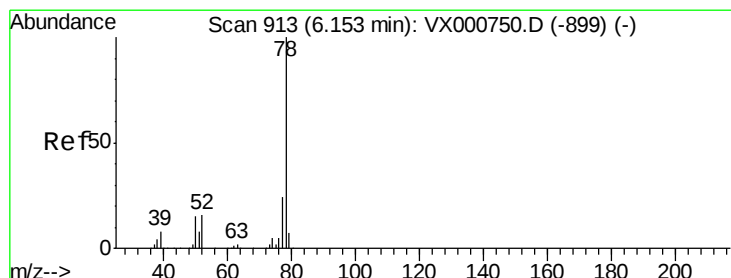
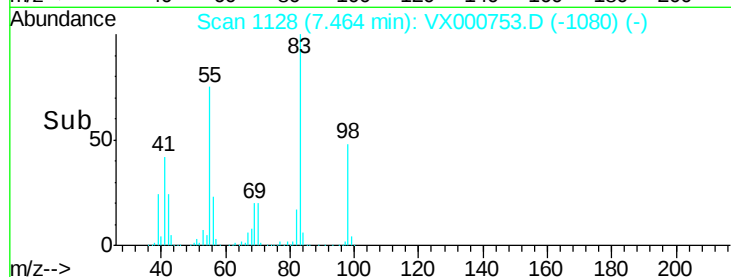
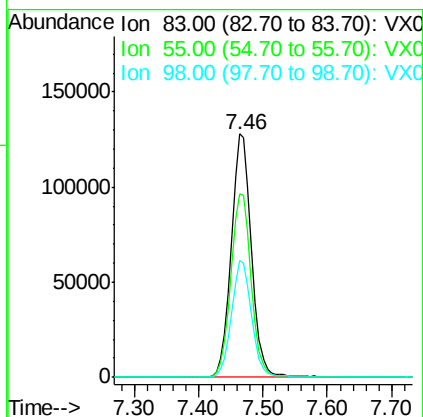
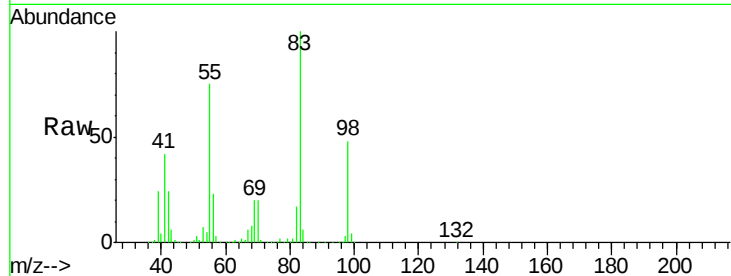




#39
Methylcyclohexane
Concen: 50.50 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

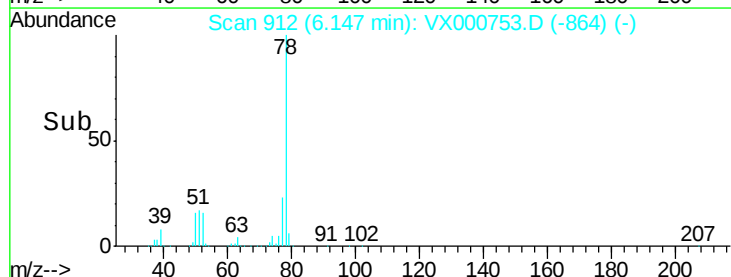
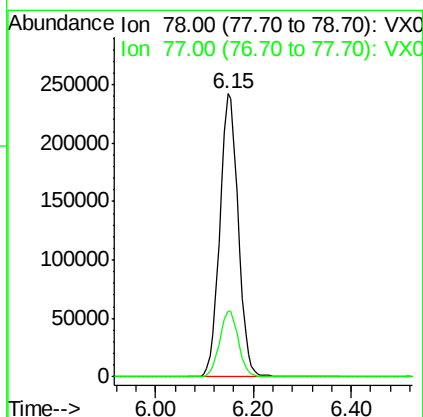
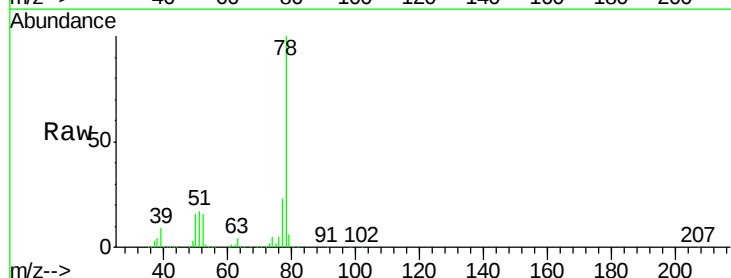
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

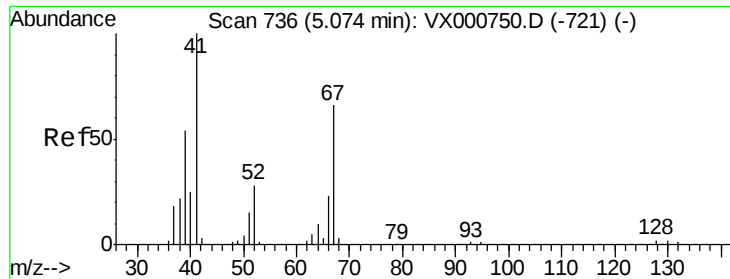
Tgt Ion: 83 Resp: 283256
Ion Ratio Lower Upper
83 100
55 75.3 61.5 92.3
98 48.1 38.1 57.1



#40
Benzene
Concen: 48.71 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion: 78 Resp: 632183
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

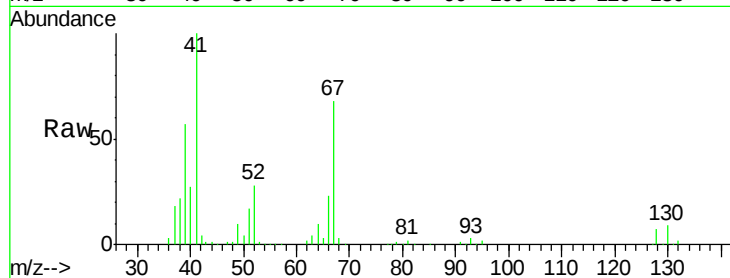




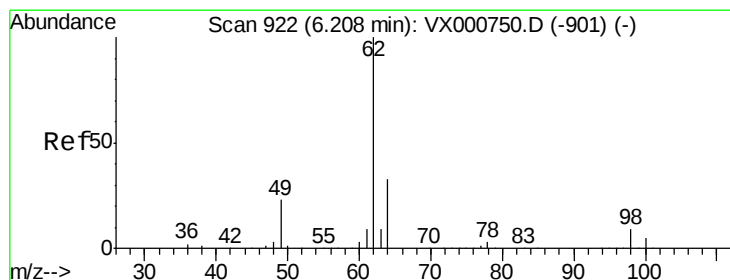
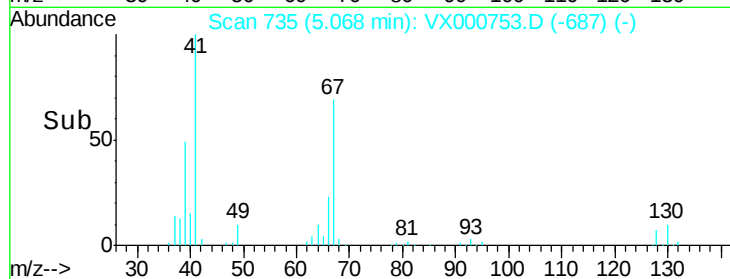
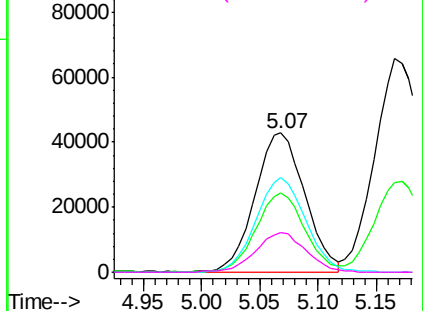
#41
Methacrylonitrile
Concen: 47.87 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tgt Ion:	41	Resp:	126101
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.9	67.3
67	68.8	54.7	82.1
52	28.6	23.0	34.6

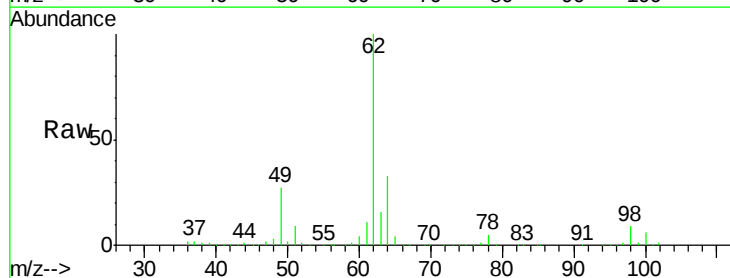


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

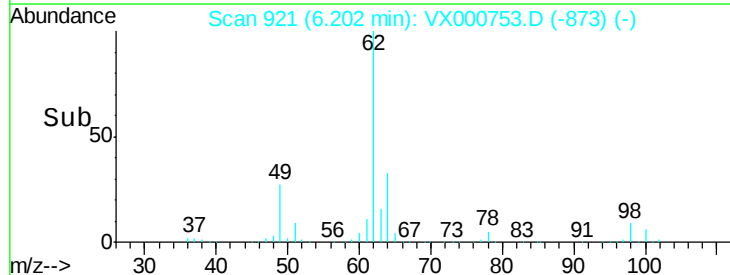
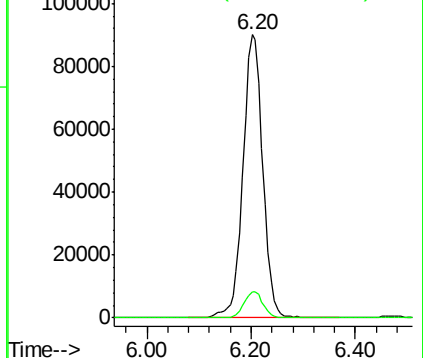


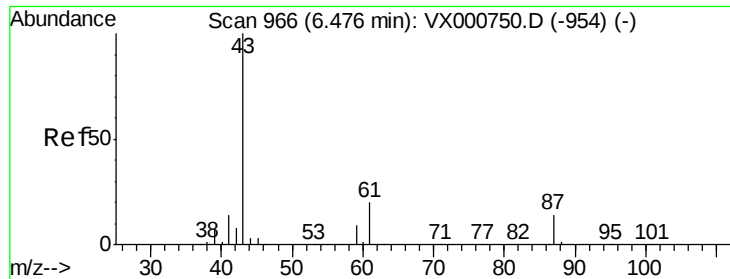
#42
1,2-Dichloroethane
Concen: 48.69 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion:	62	Resp:	235992
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.98 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

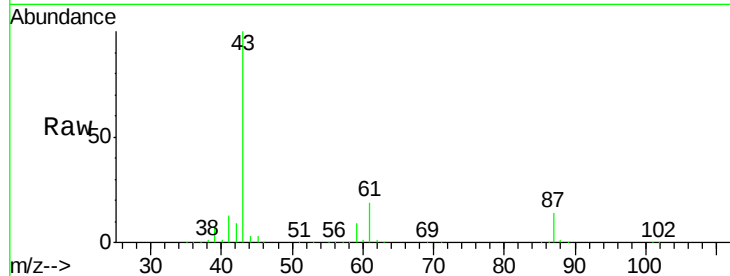
Tgt Ion: 43 Resp: 375085

Ion Ratio Lower Upper

43 100

61 19.5 15.6 23.4

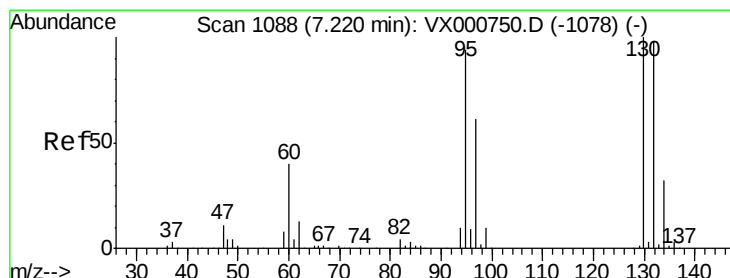
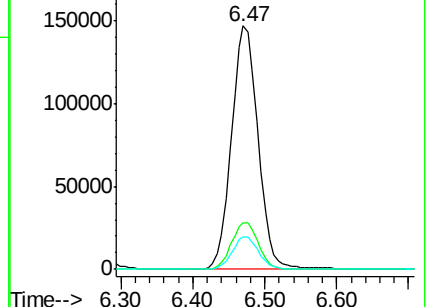
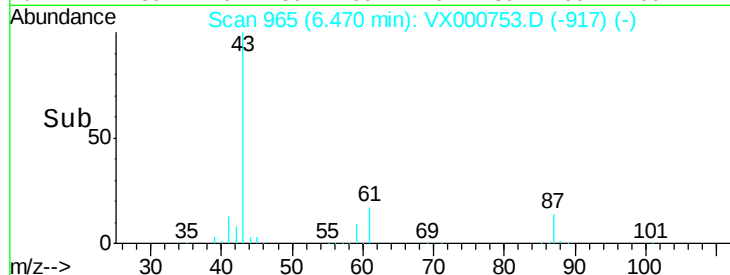
87 13.5 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX000753.D (-917) (-)

Ion 61.00 (60.70 to 61.70): VX000753.D (-917) (-)

Ion 87.00 (86.70 to 87.70): VX000753.D (-917) (-)



#44

Trichloroethene

Concen: 48.73 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000753.D

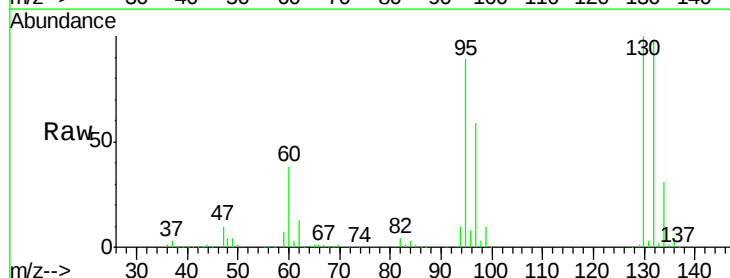
Acq: 10 Apr 2018 16:45

Tgt Ion: 130 Resp: 196673

Ion Ratio Lower Upper

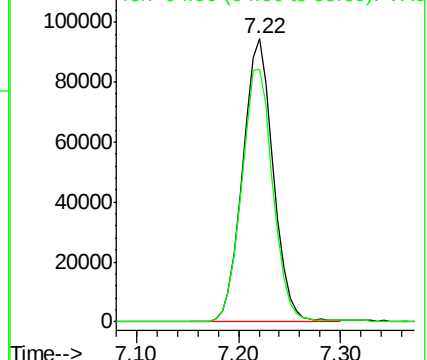
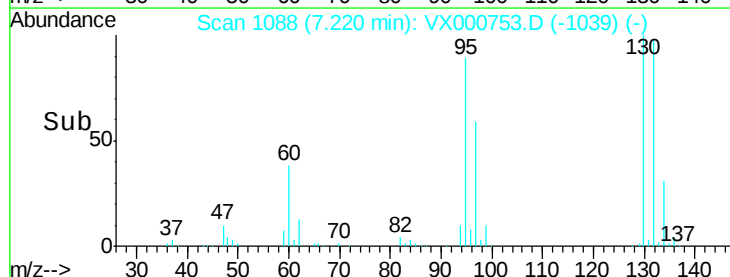
130 100

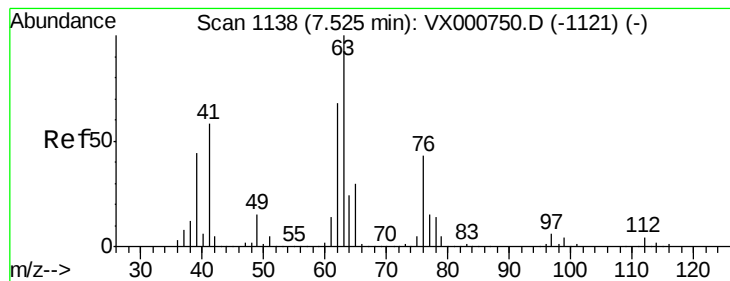
95 89.3 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX000753.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX000753.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 48.08 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

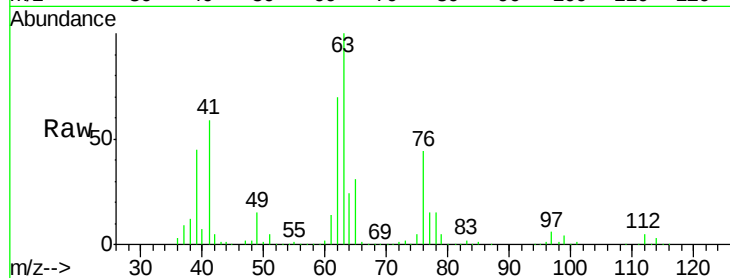
ICVVX041018

Tgt Ion: 63 Resp: 158890

Ion Ratio Lower Upper

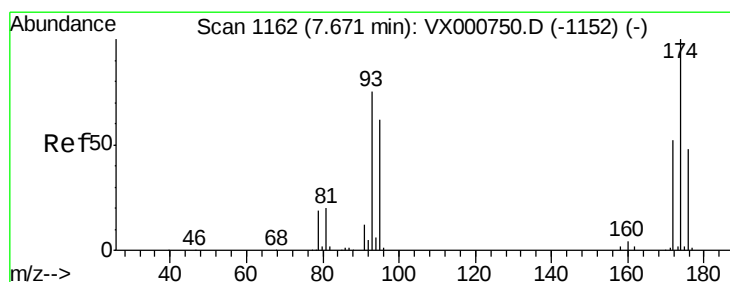
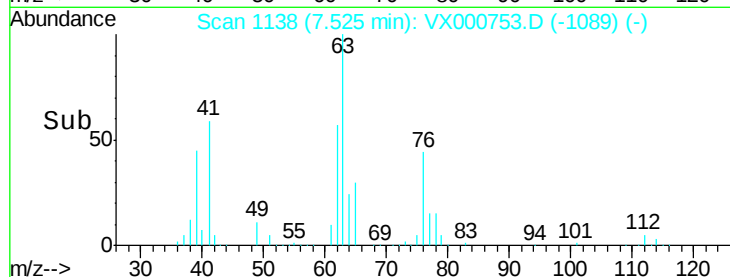
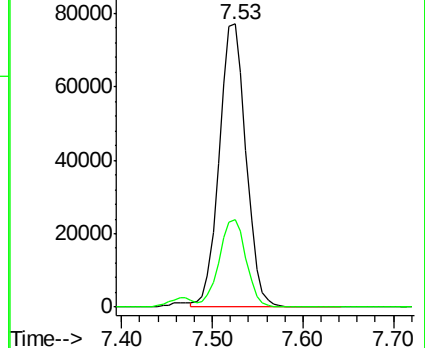
63 100

65 31.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.89 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

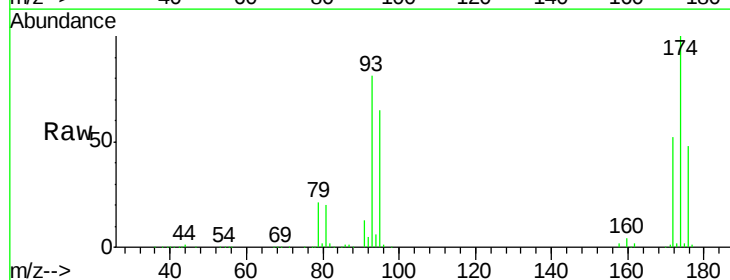
Tgt Ion: 93 Resp: 112638

Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

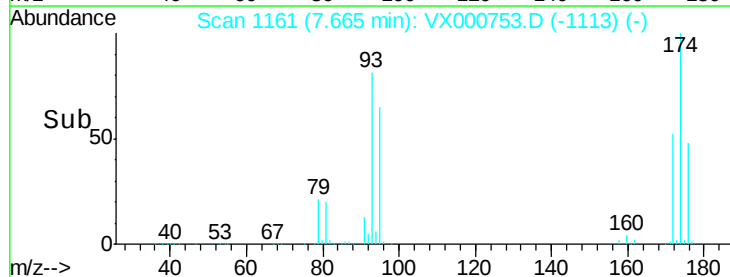
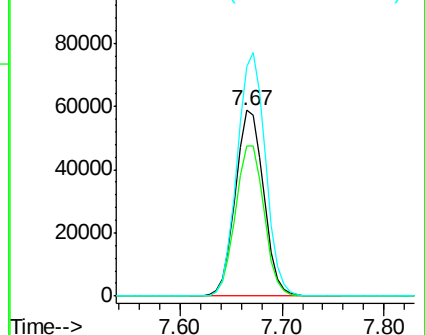
174 130.6 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

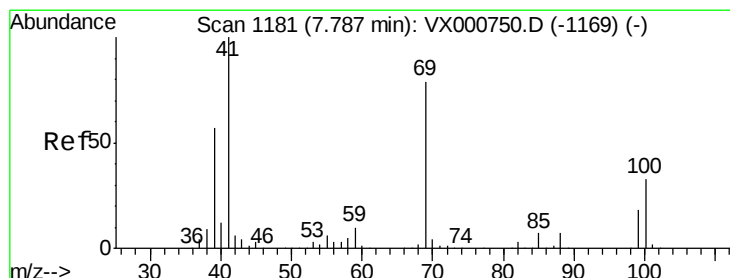
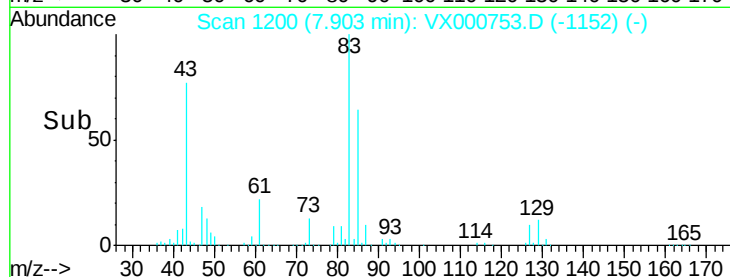
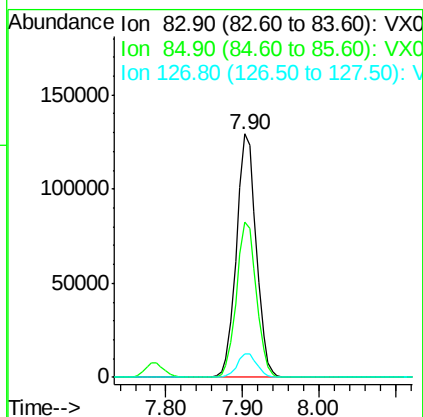
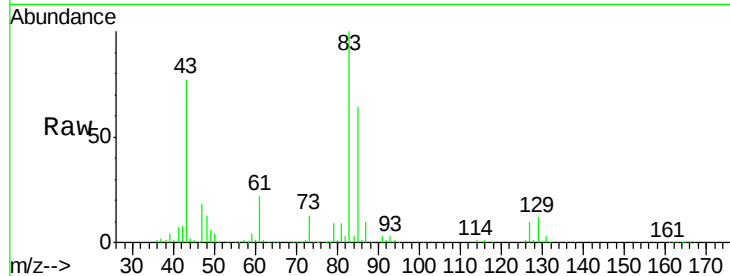




#47
 Bromodichloromethane
 Concen: 49.69 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

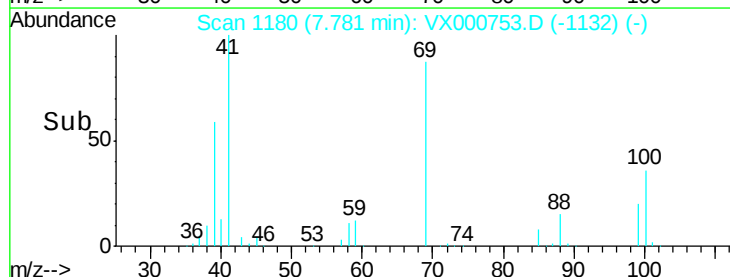
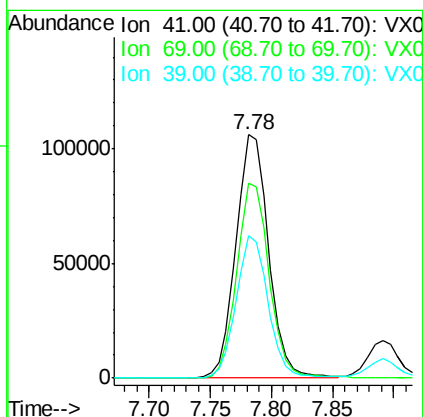
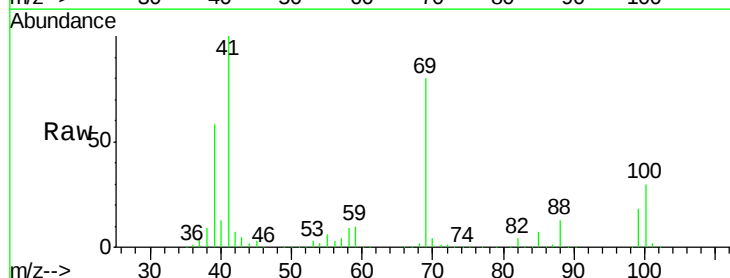
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

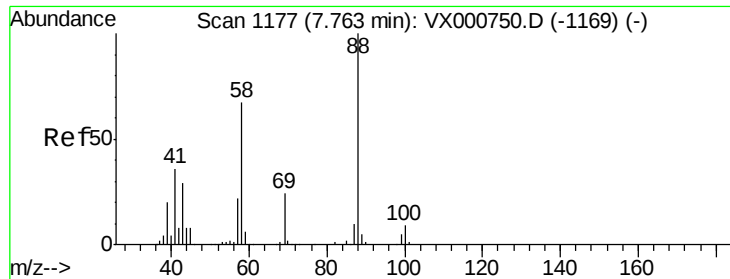
Tgt Ion: 83 Resp: 231056
 Ion Ratio Lower Upper
 83 100
 85 63.8 52.2 78.4
 127 9.5 7.8 11.8



#48
 Methyl methacrylate
 Concen: 48.42 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion: 41 Resp: 196215
 Ion Ratio Lower Upper
 41 100
 69 80.2 63.9 95.9
 39 57.0 45.9 68.9

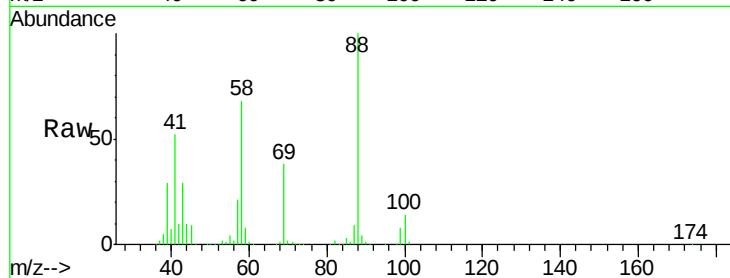




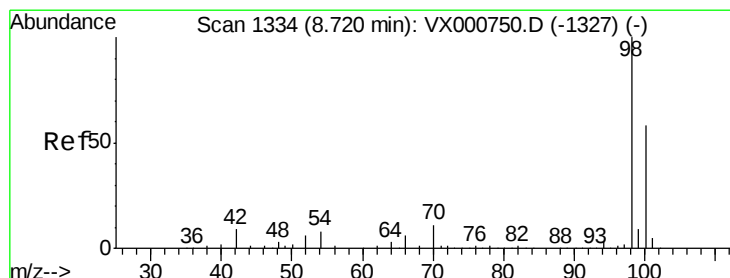
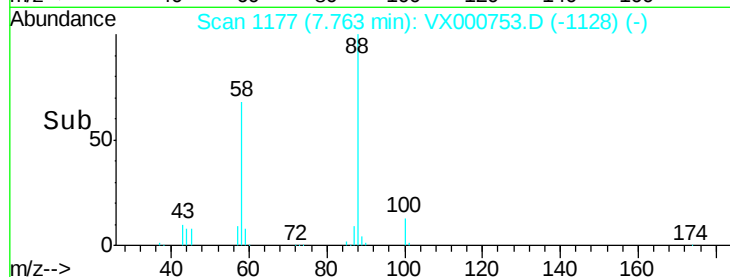
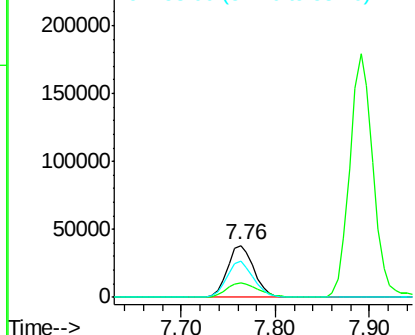
#49
1,4-Dioxane
Concen: 907.32 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tgt Ion: 88 Resp: 73882
Ion Ratio Lower Upper
88 100
43 33.2 25.8 38.8
58 69.3 54.4 81.6

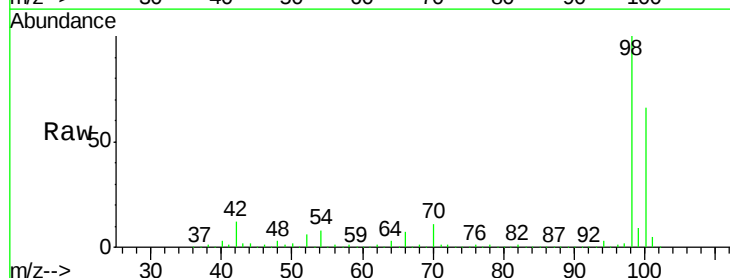


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

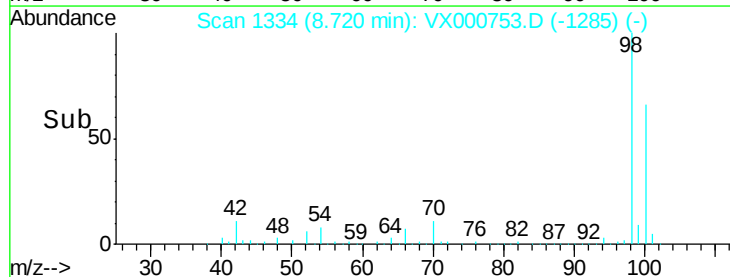
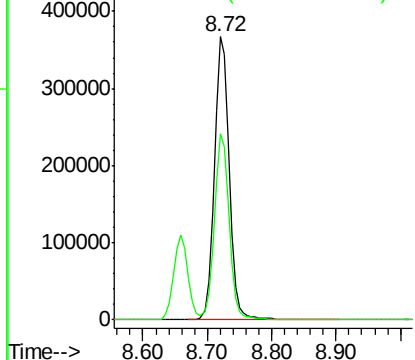


#50
Toluene-d8
Concen: 48.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion: 98 Resp: 595445
Ion Ratio Lower Upper
98 100
100 65.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 241.15 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

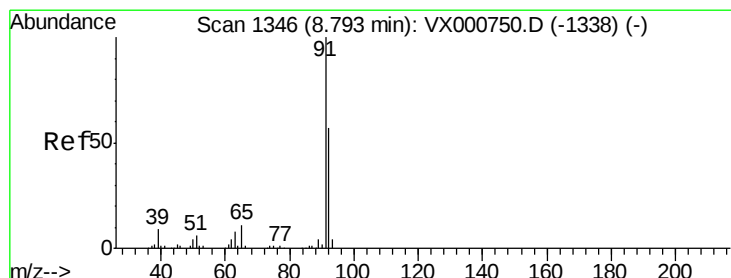
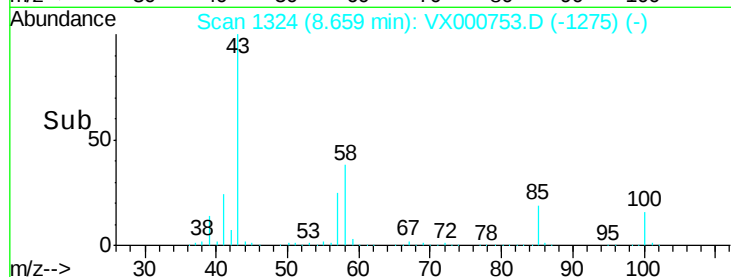
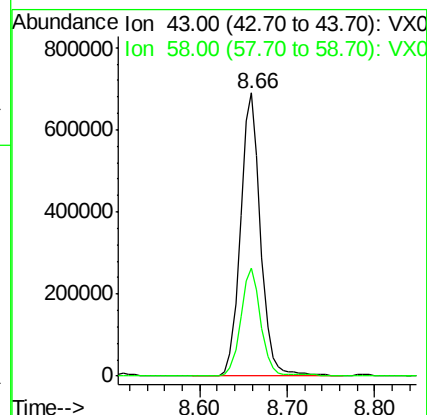
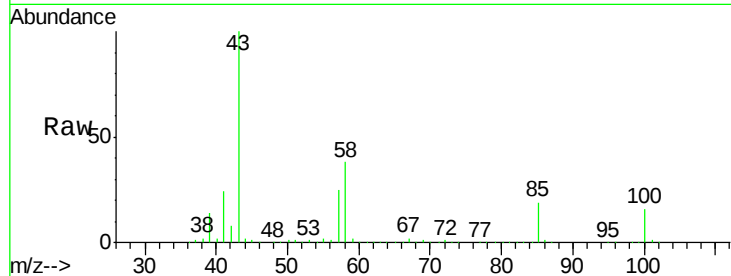
ICVVX041018

Tgt Ion: 43 Resp: 1107307

Ion Ratio Lower Upper

43 100

58 37.9 30.3 45.5



#52

Toluene

Concen: 48.70 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000753.D

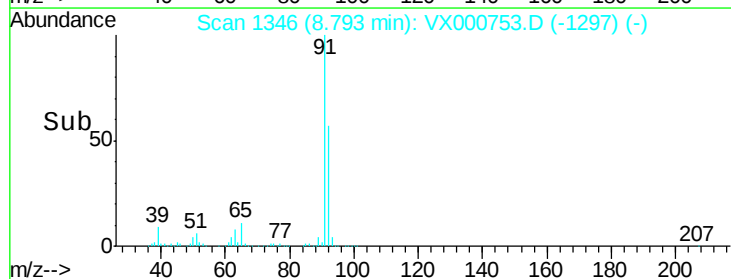
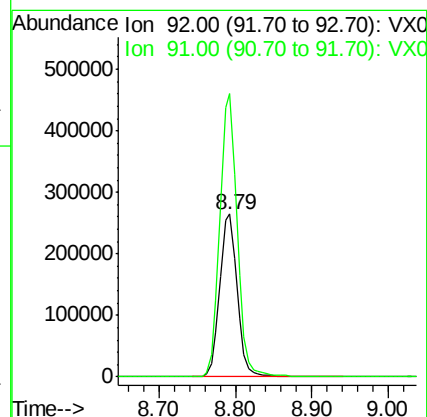
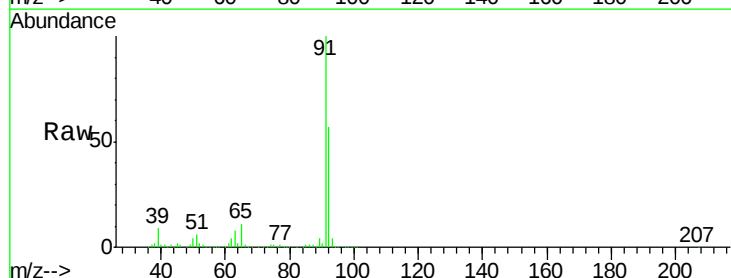
Acq: 10 Apr 2018 16:45

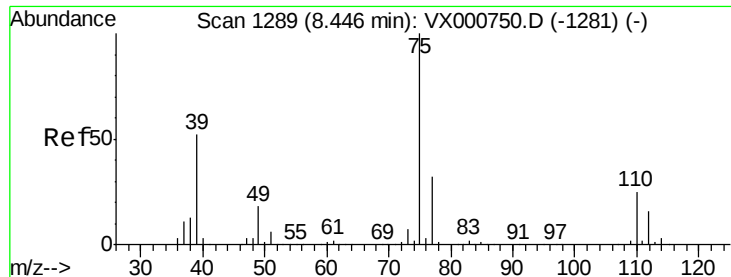
Tgt Ion: 92 Resp: 419327

Ion Ratio Lower Upper

92 100

91 173.1 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 50.03 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

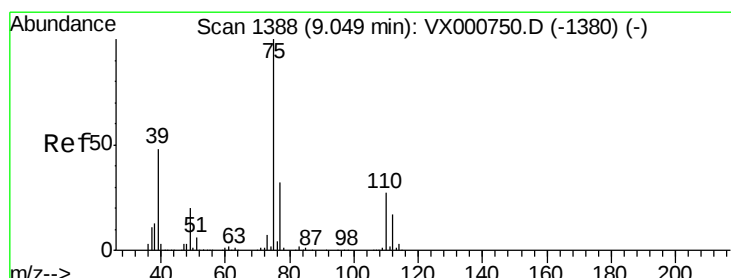
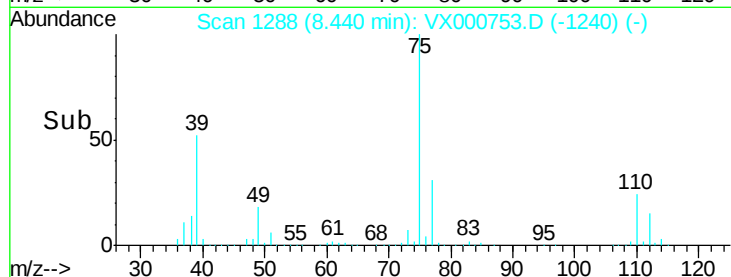
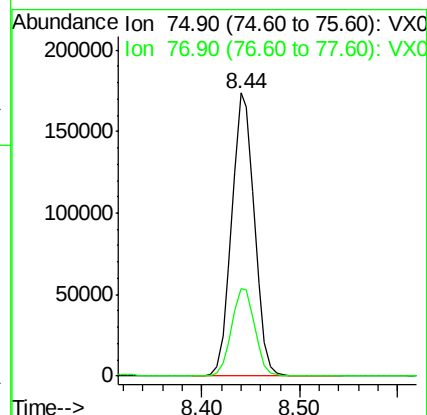
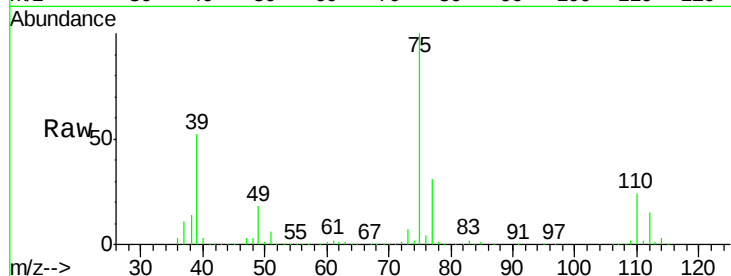
ICVVX041018

Tgt Ion: 75 Resp: 279063

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.13 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

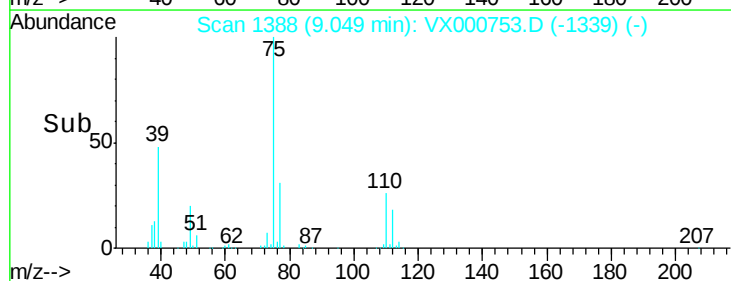
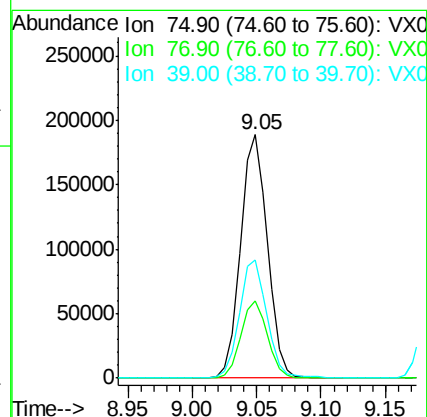
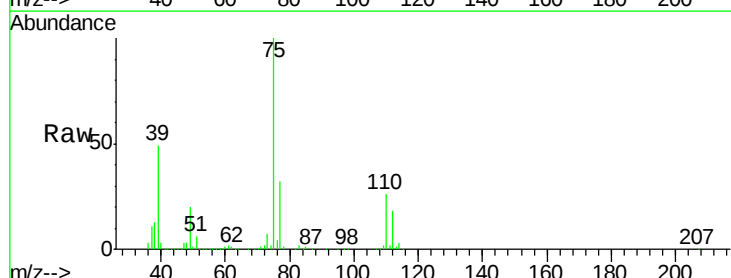
Tgt Ion: 75 Resp: 272287

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 48.6 38.6 58.0

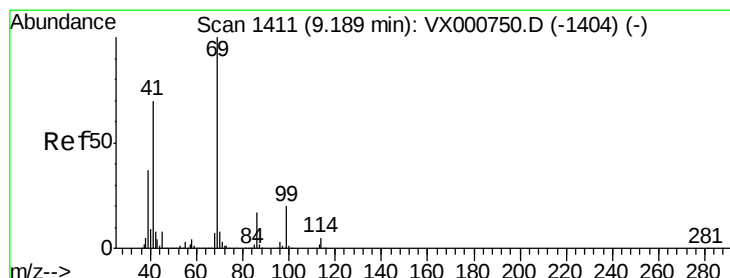
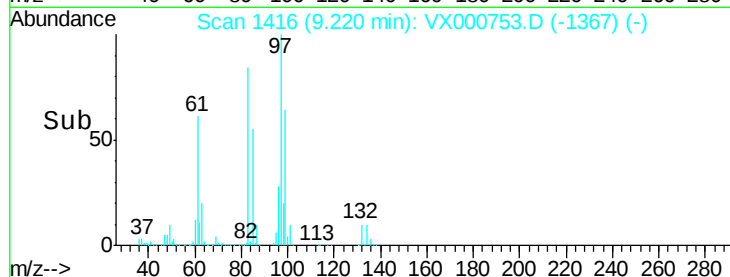
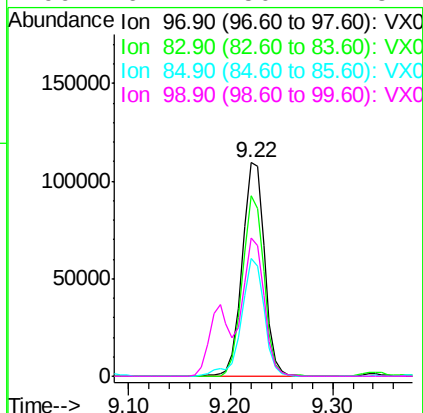
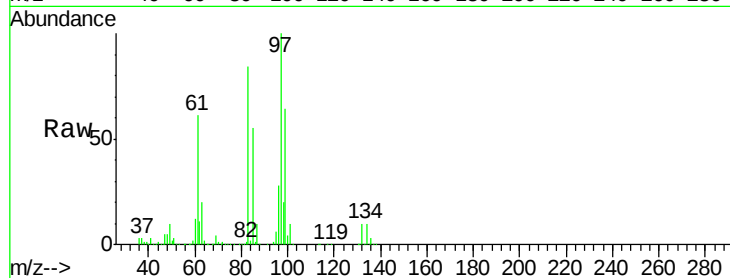




#55
 1,1,2-Trichloroethane
 Concen: 48.32 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

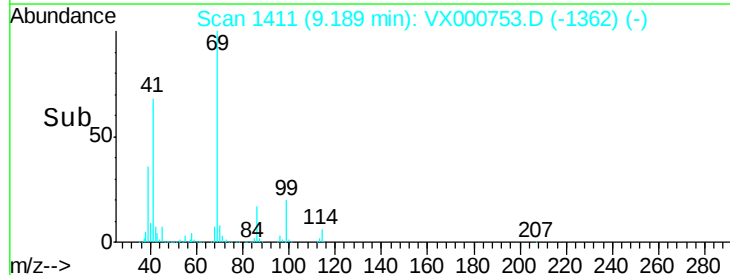
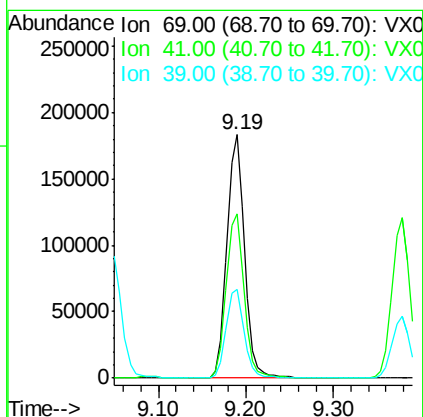
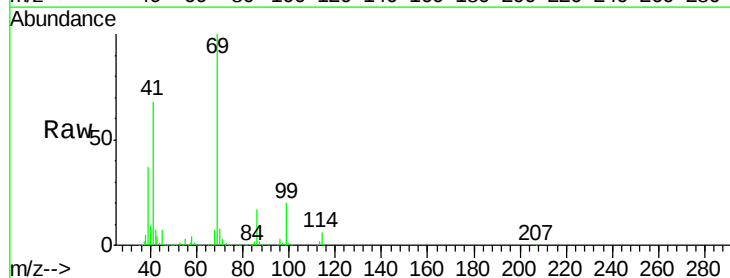
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Tgt Ion:	97	Resp:	165153
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.6	101.4
85	55.0	43.8	65.6
99	64.4	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 48.56 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion:	69	Resp:	256045
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.6	83.4
39	36.9	30.3	45.5

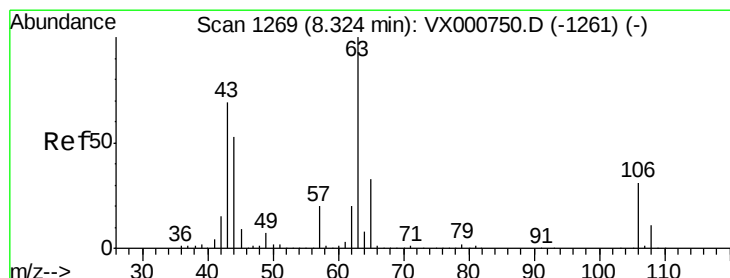
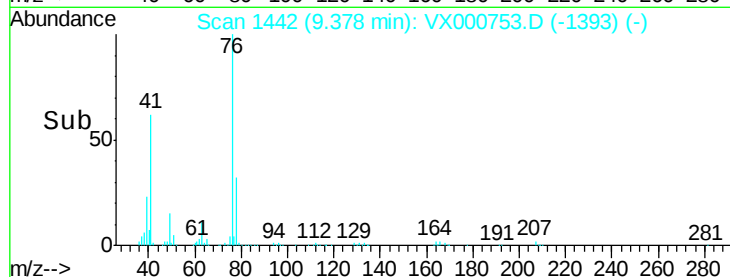
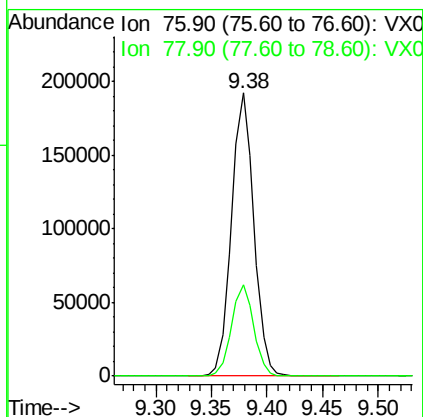
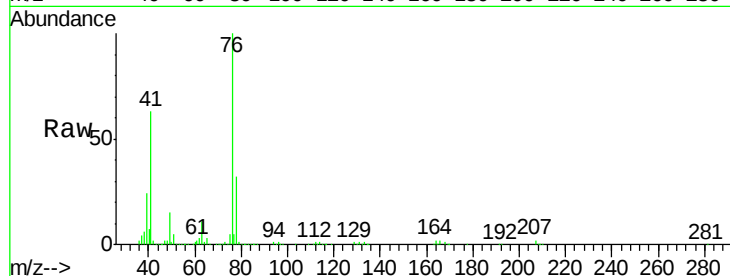




#57
 1,3-Dichloropropane
 Concen: 49.19 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

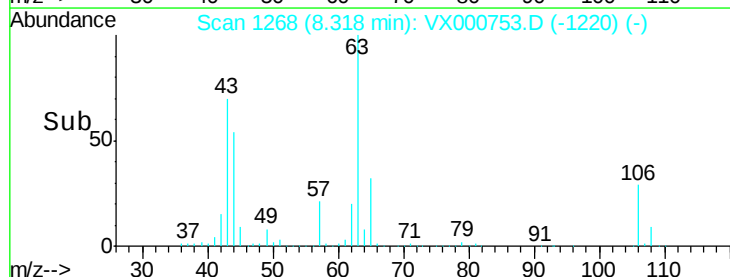
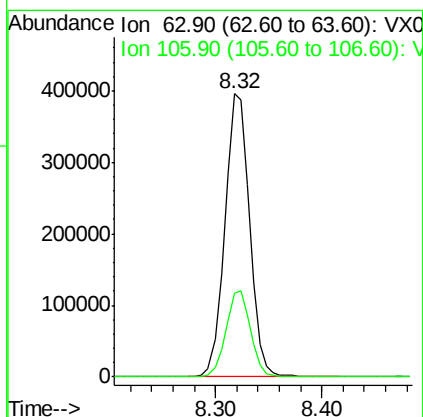
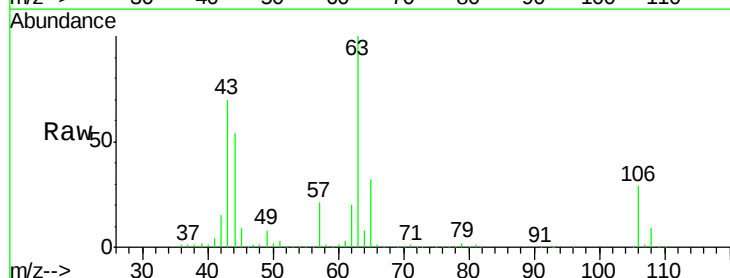
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

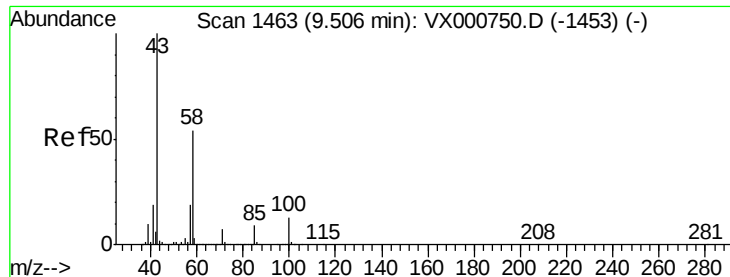
Tgt Ion: 76 Resp: 267292
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.63 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion: 63 Resp: 639575
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.3 36.5

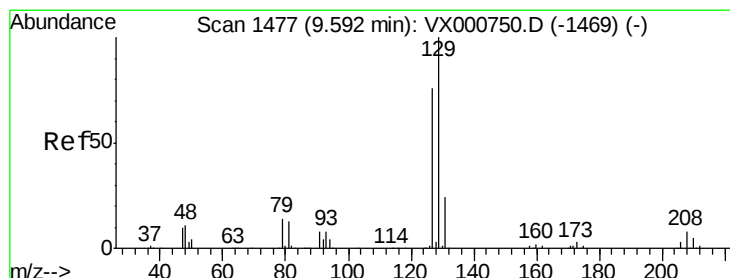
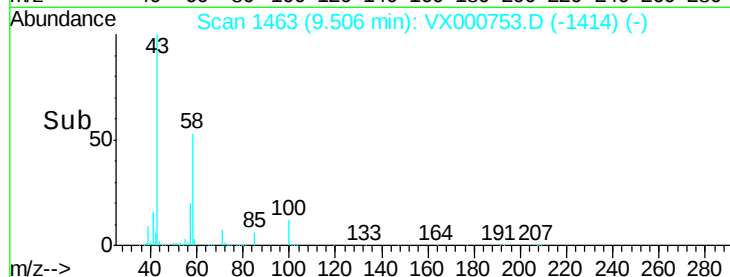
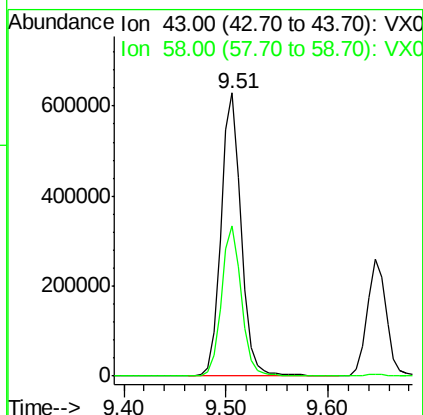
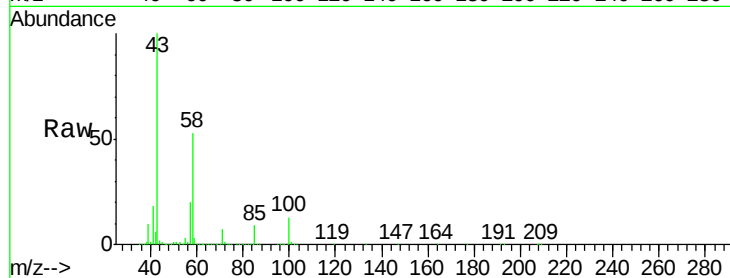




#59
2-Hexanone
Concen: 243.28 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

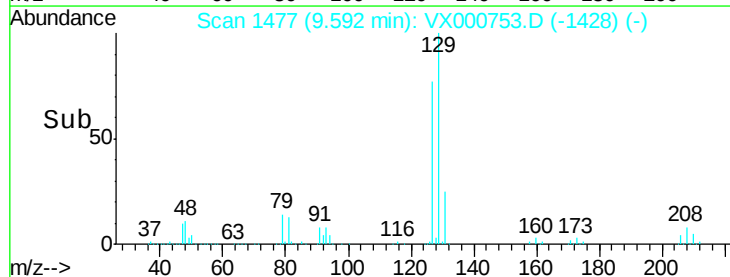
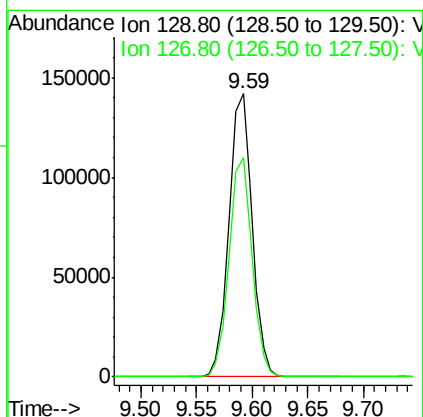
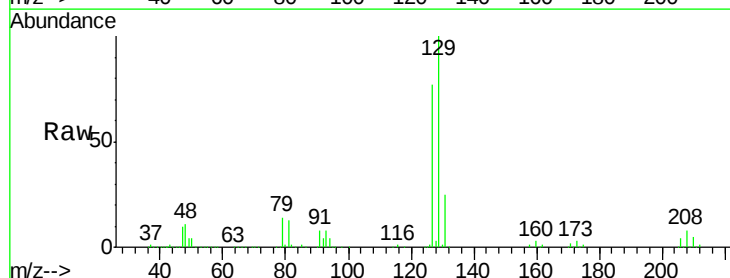
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

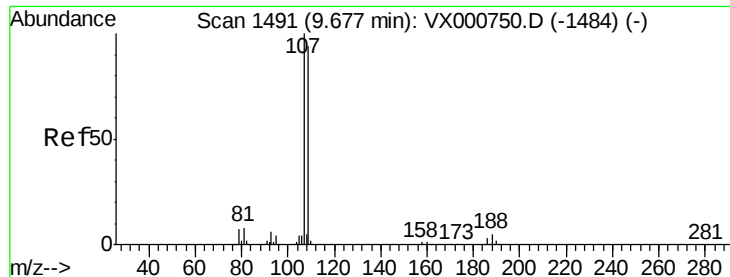
Tgt Ion: 43 Resp: 862413
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5



#60
Dibromochloromethane
Concen: 49.98 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion: 129 Resp: 204386
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.56 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampled :

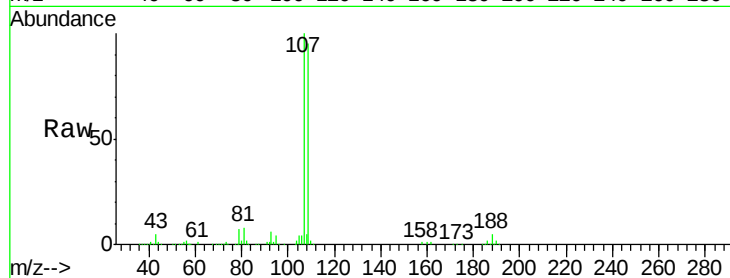
ICVVX041018

Tgt Ion: 107 Resp: 176065

Ion Ratio Lower Upper

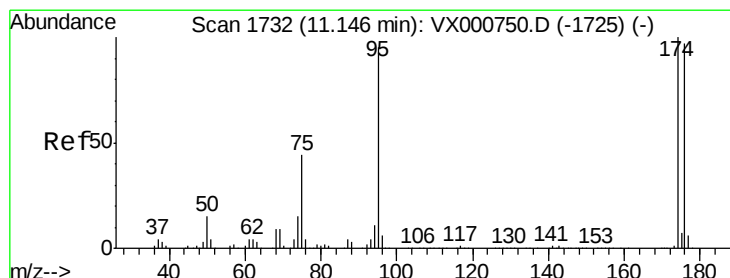
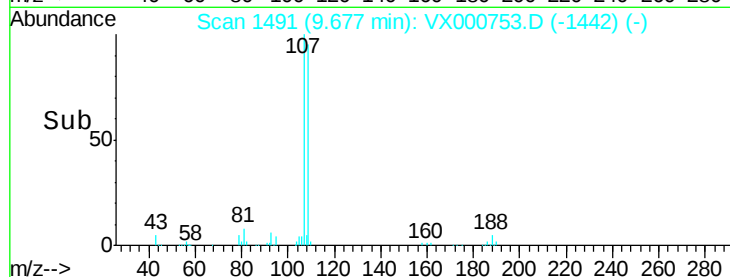
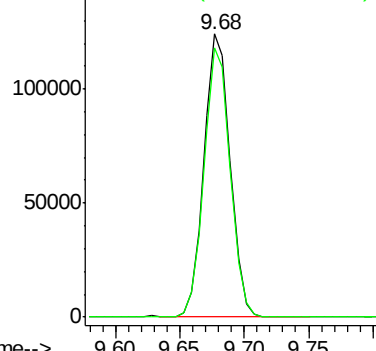
107 100

109 94.6 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

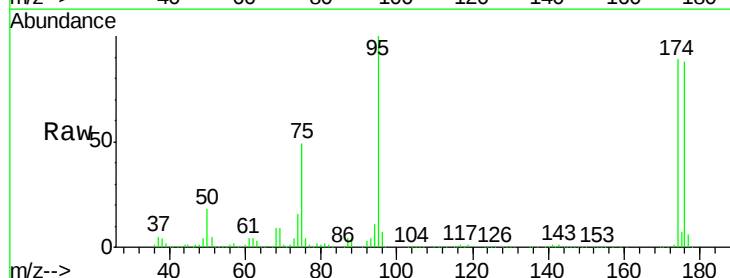
Tgt Ion: 95 Resp: 244344

Ion Ratio Lower Upper

95 100

174 97.7 0.0 198.4

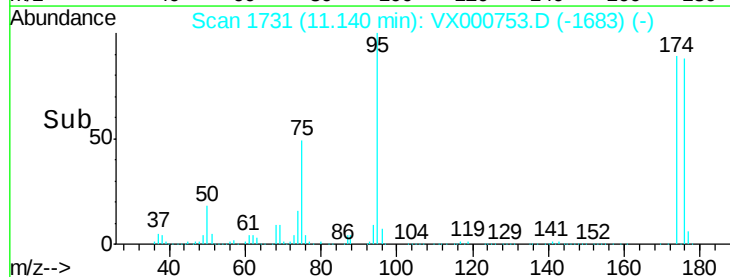
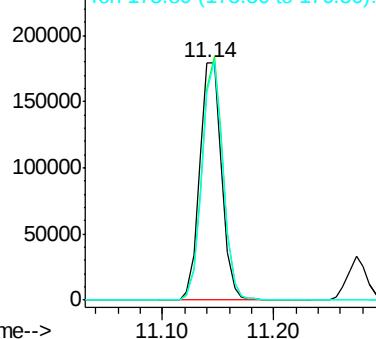
176 95.6 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

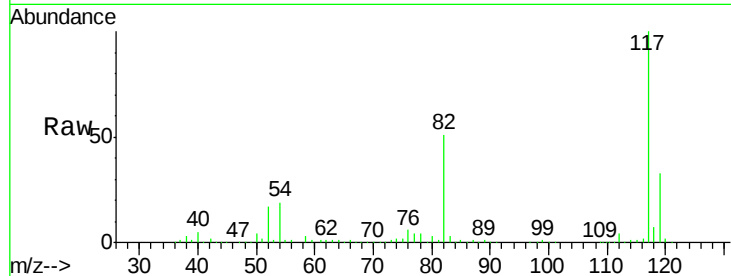




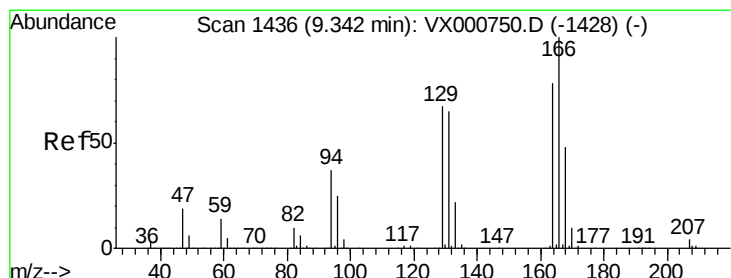
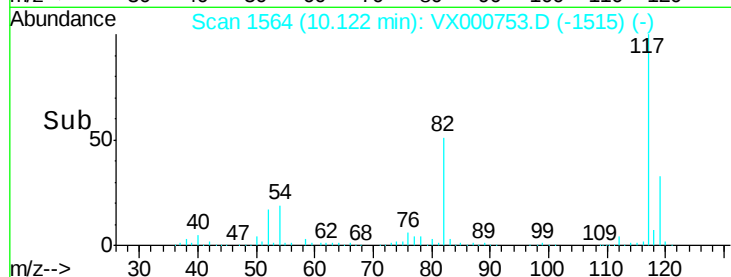
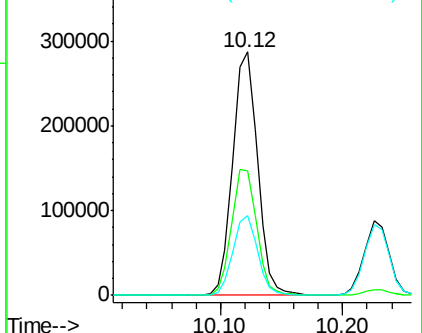
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

Tgt Ion:117 Resp: 403280
Ion Ratio Lower Upper
117 100
82 51.0 41.9 62.9
119 33.0 26.0 39.0

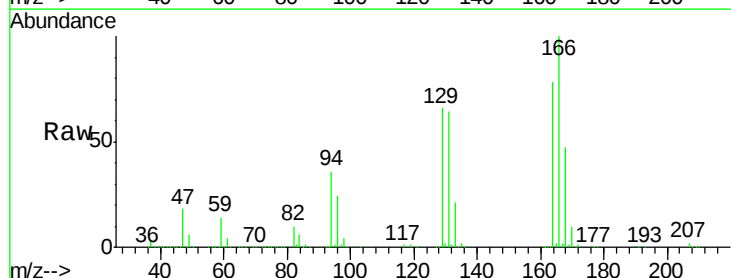


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

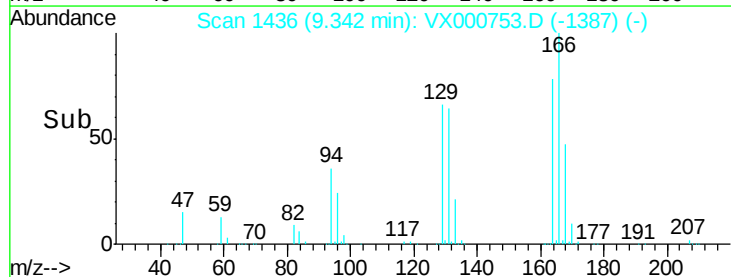
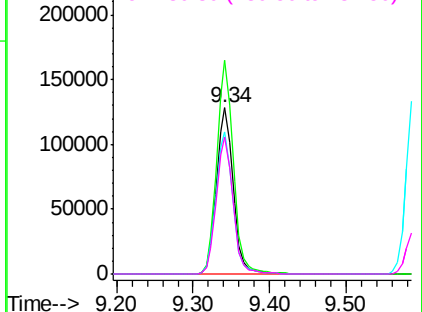


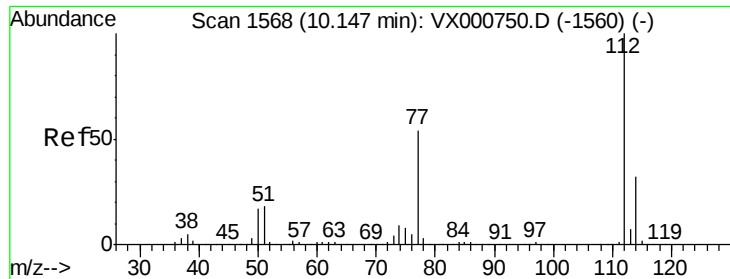
#64
Tetrachloroethene
Concen: 49.36 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion:164 Resp: 194638
Ion Ratio Lower Upper
164 100
166 128.6 102.8 154.2
129 85.3 68.5 102.7
131 82.6 66.6 100.0



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

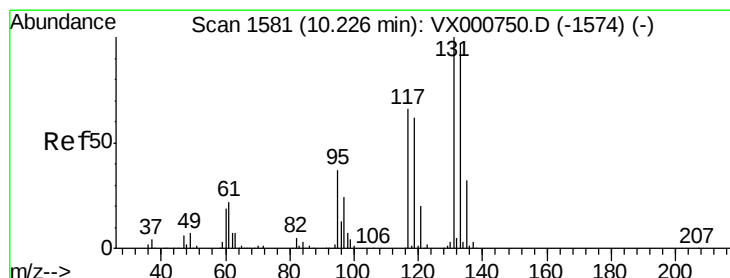
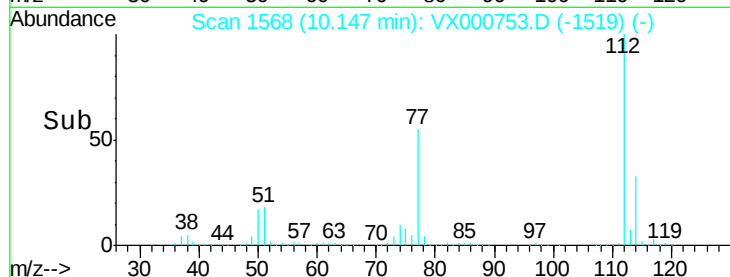
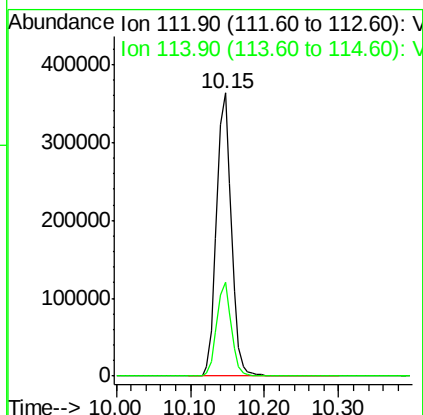
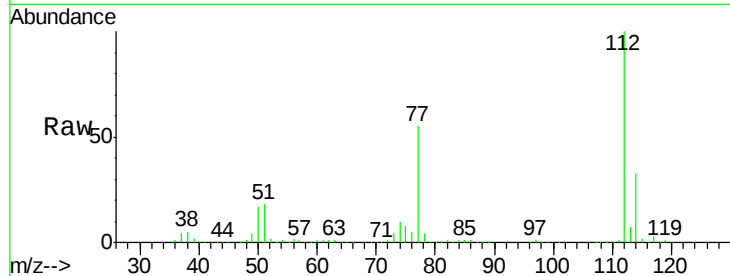




#65
Chlorobenzene
Concen: 48.95 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

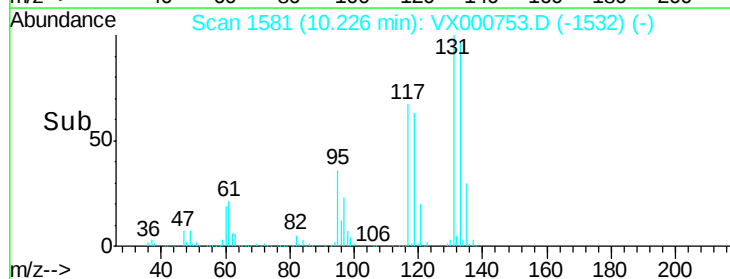
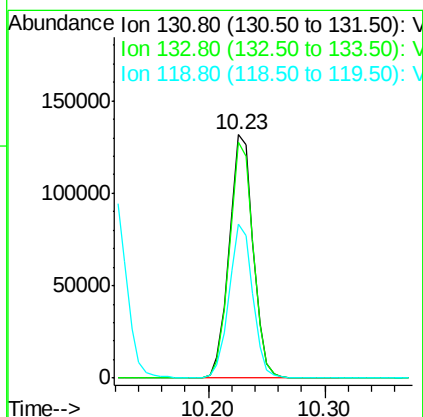
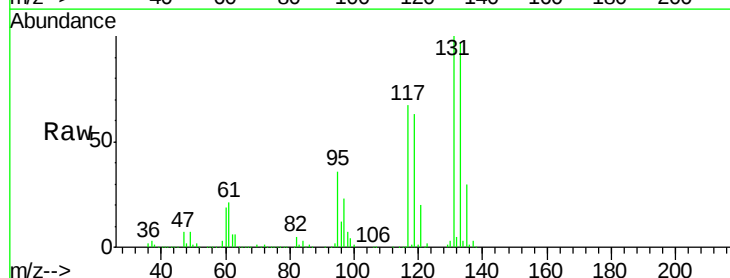
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

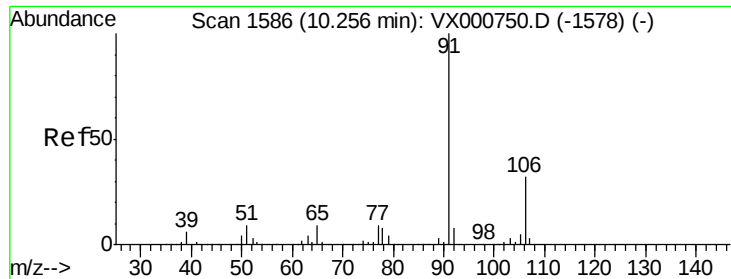
Tgt Ion:112 Resp: 496618
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.29 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion:131 Resp: 188222
Ion Ratio Lower Upper
131 100
133 96.8 48.3 144.9
119 62.8 31.4 94.0

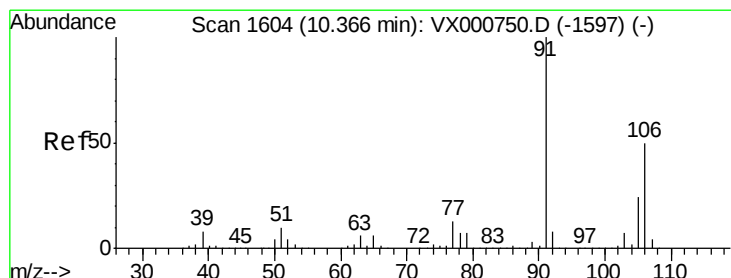
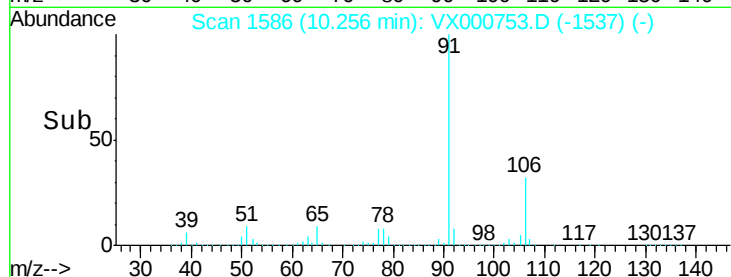
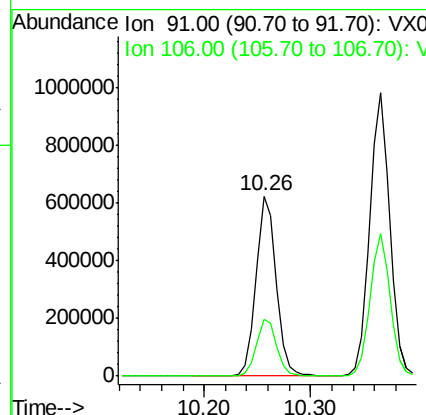
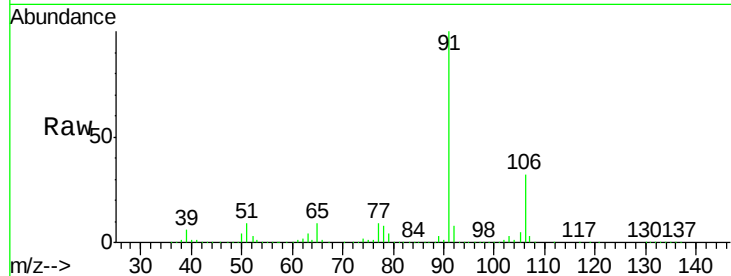




#67
Ethyl Benzene
Concen: 49.15 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

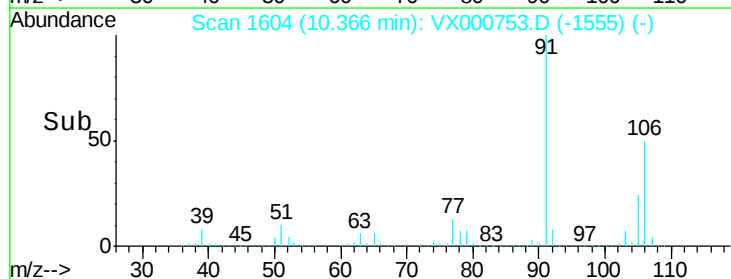
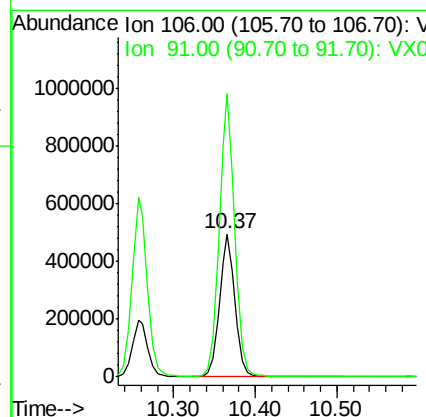
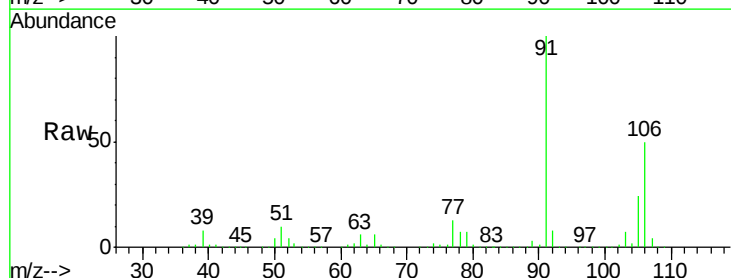
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

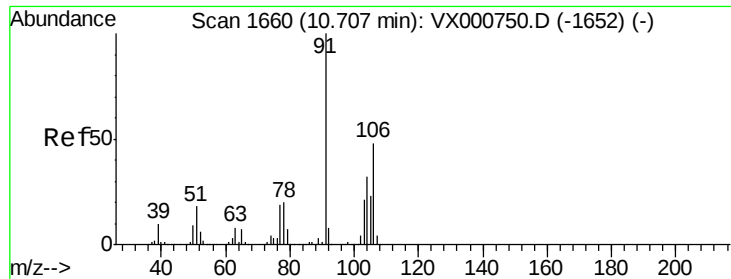
Tgt Ion: 91 Resp: 831328
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 99.00 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion: 106 Resp: 660926
Ion Ratio Lower Upper
106 100
91 198.5 159.3 238.9

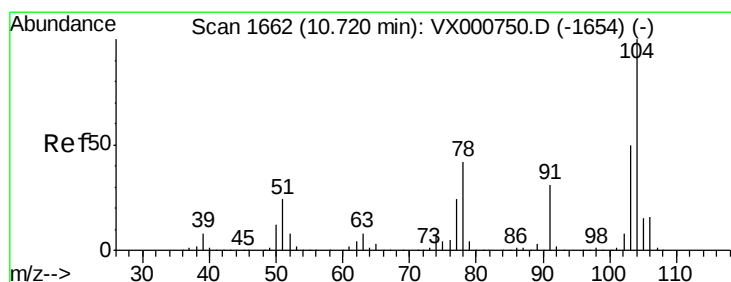
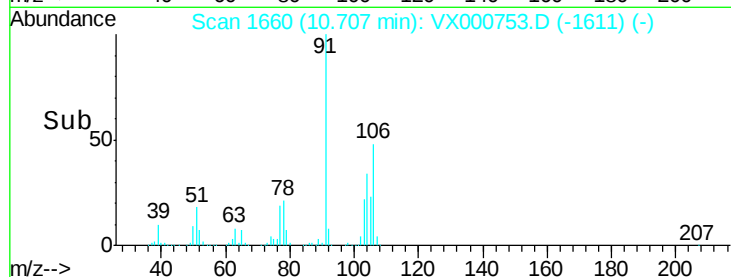
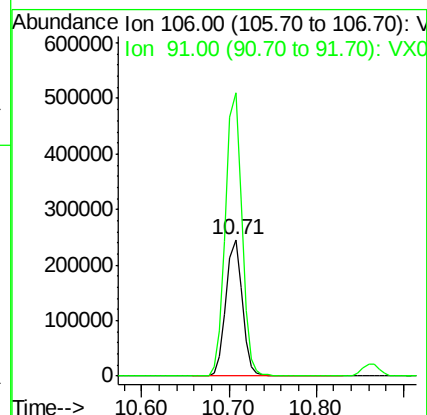
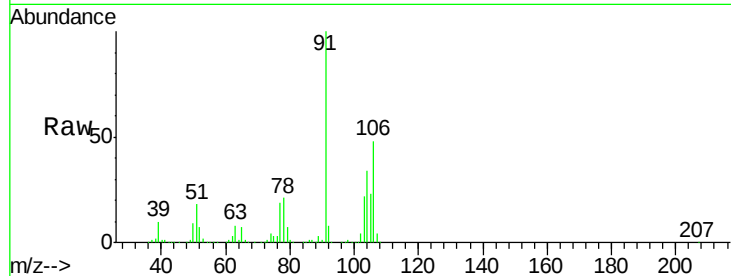




#69
o-Xylene
Concen: 49.15 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

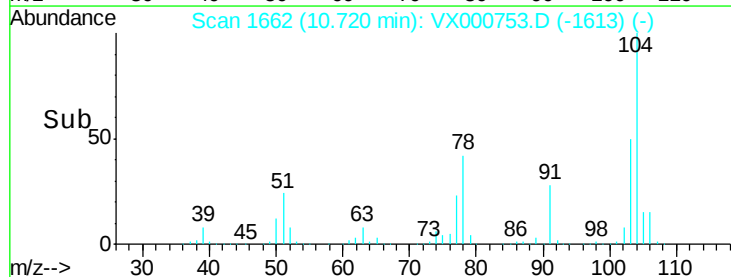
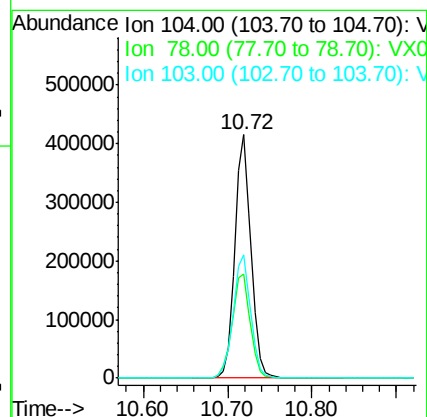
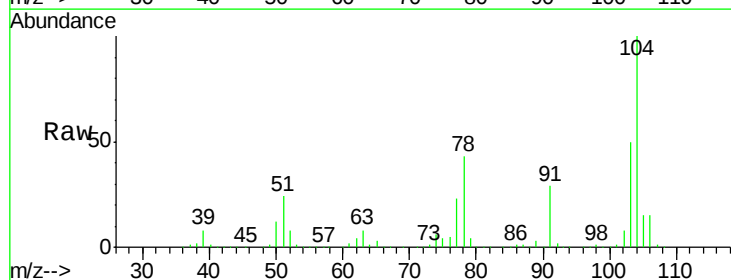
Instrument :
MSVOA_X
ClientSampleId :
ICVVX041018

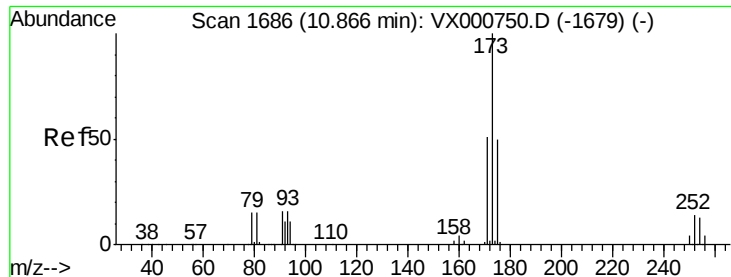
Tgt Ion:106 Resp: 316225
Ion Ratio Lower Upper
106 100
91 209.8 105.0 315.0



#70
Styrene
Concen: 49.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000753.D
Acq: 10 Apr 2018 16:45

Tgt Ion:104 Resp: 534094
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.6
103 55.2 44.1 66.1





#71

Bromoform

Concen: 50.46 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

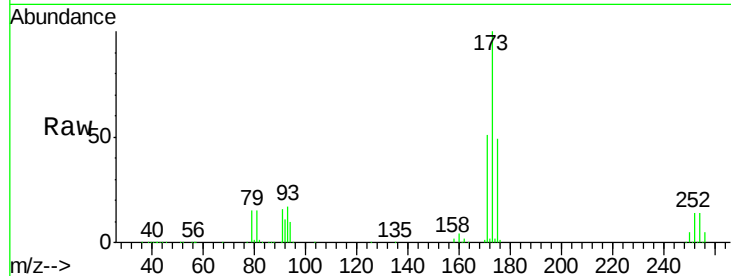
Tgt Ion:173 Resp: 178382

Ion Ratio Lower Upper

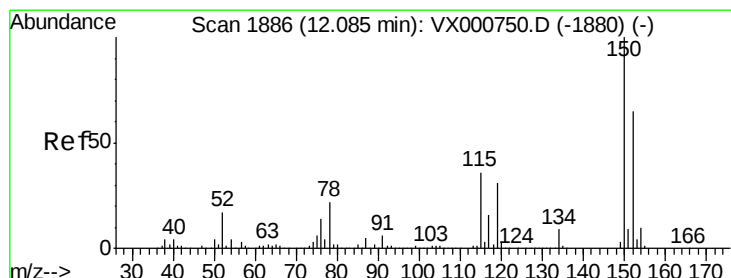
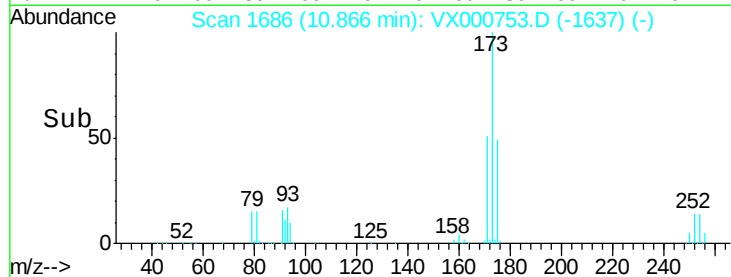
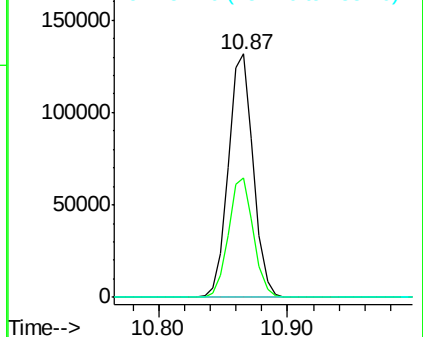
173 100

175 48.9 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: VX000753.D

Acq: 10 Apr 2018 16:45

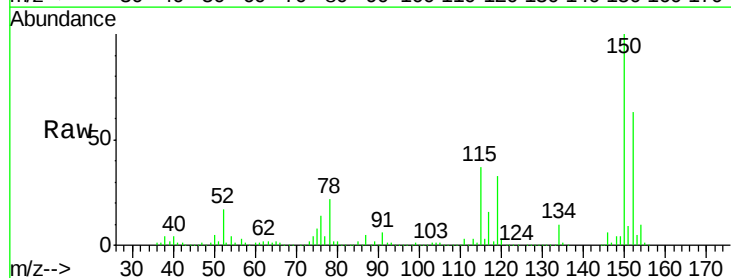
Tgt Ion:152 Resp: 278805

Ion Ratio Lower Upper

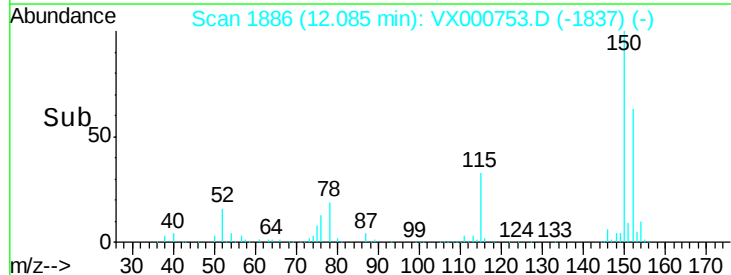
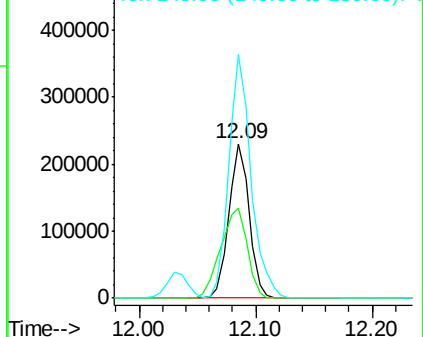
152 100

115 75.8 37.9 113.7

150 173.0 0.0 348.0



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: 49.01 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

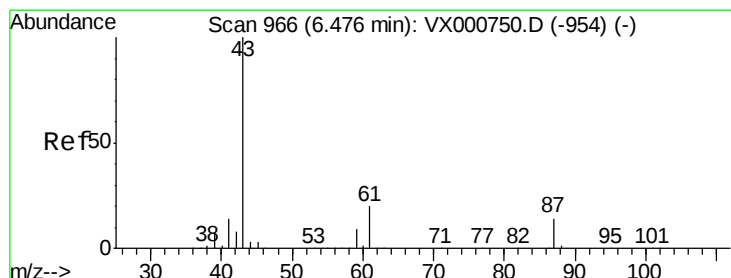
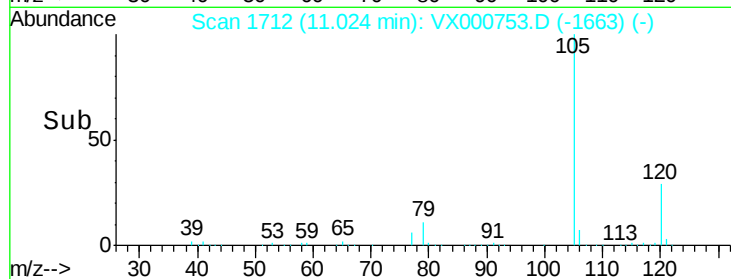
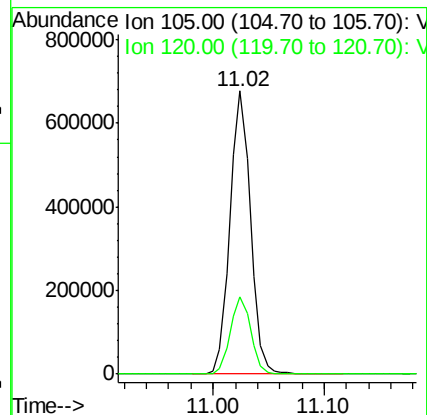
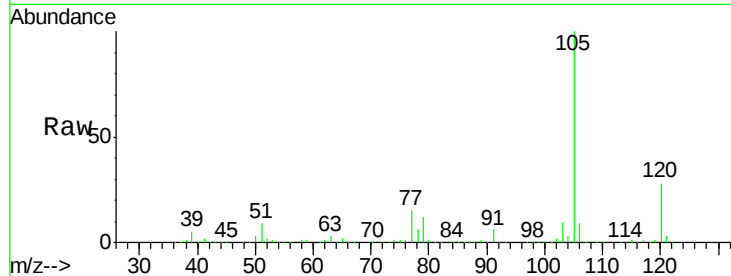
ICVVX041018

Tgt Ion:105 Resp: 866938

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.0



#74

N-ethyl acetate

Concen: 47.09 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Tgt Ion: 43 Resp: 375085

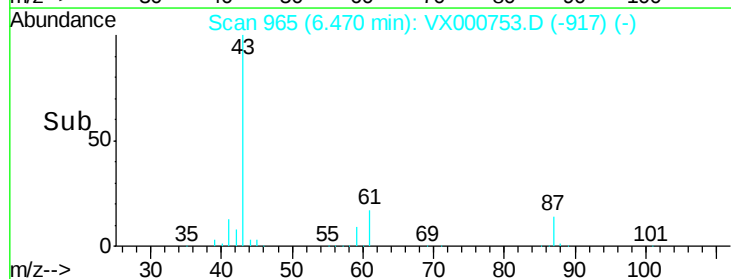
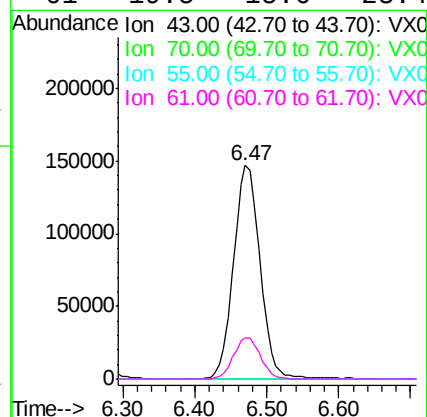
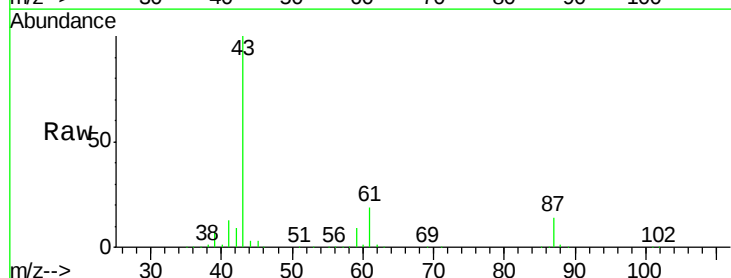
Ion Ratio Lower Upper

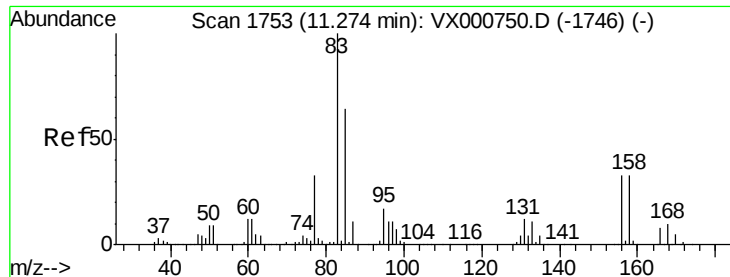
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.5 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.50 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

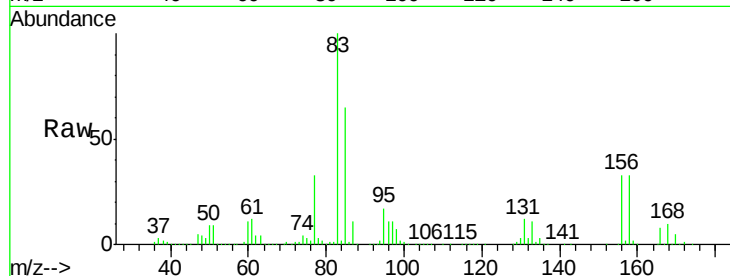
Tgt Ion: 83 Resp: 243837

Ion Ratio Lower Upper

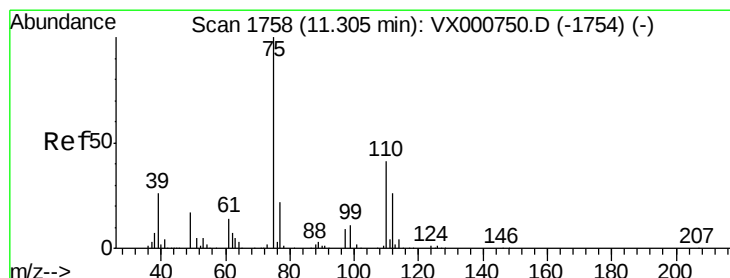
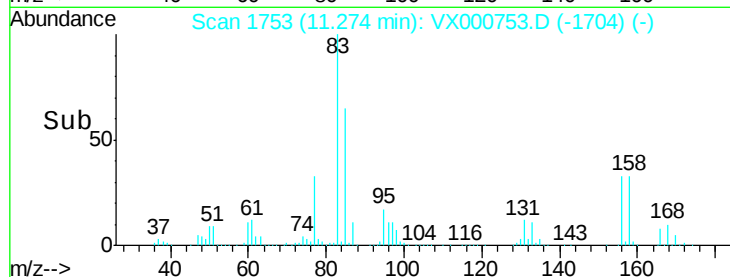
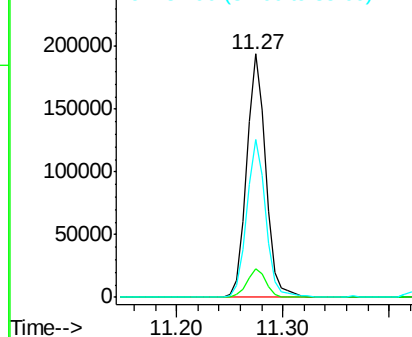
83 100

131 11.8 6.0 18.0

85 64.7 32.3 96.8



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: 62.16 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000753.D

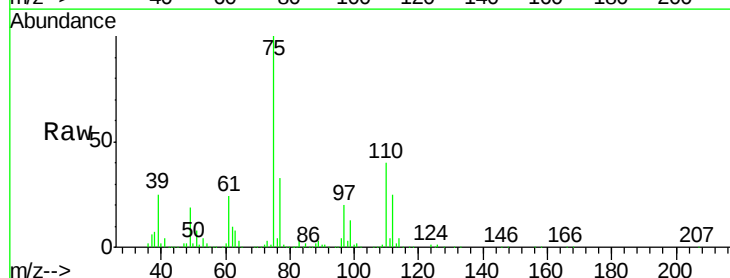
Acq: 10 Apr 2018 16:45

Tgt Ion: 75 Resp: 298895

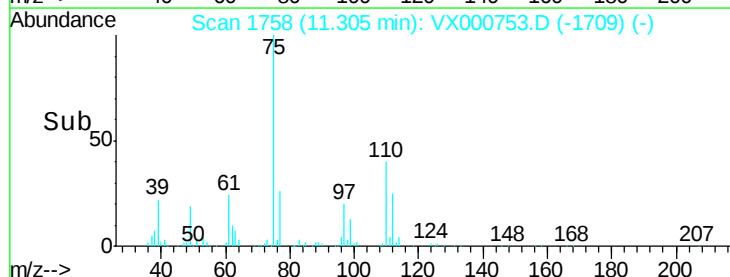
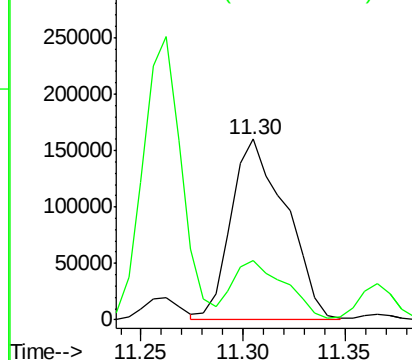
Ion Ratio Lower Upper

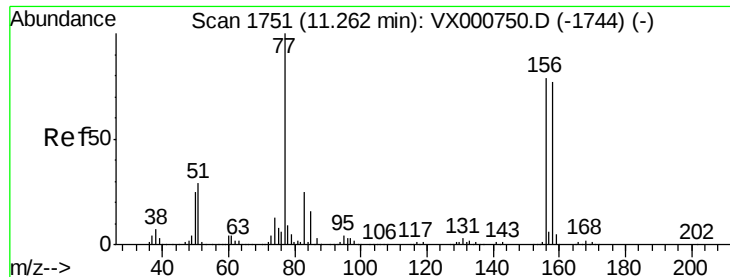
75 100

77 31.6 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.82 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

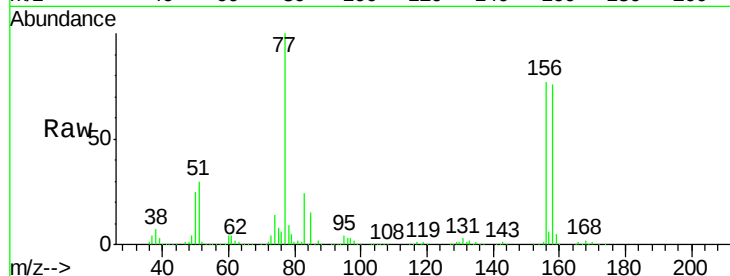
Tgt Ion:156 Resp: 247886

Ion Ratio Lower Upper

156 100

77 132.1 66.0 198.2

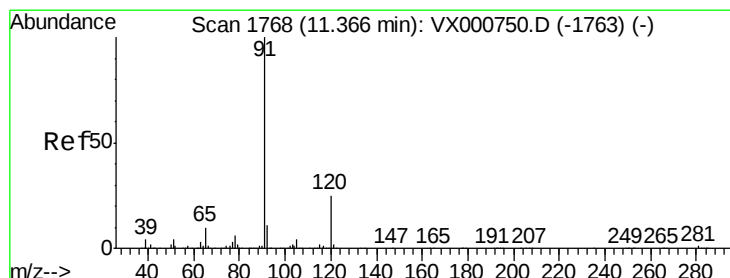
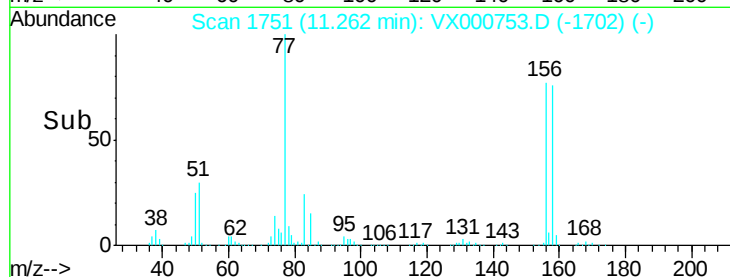
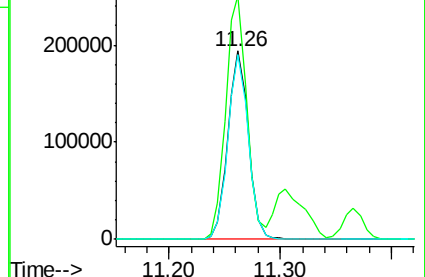
158 97.6 48.8 146.4



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: 49.00 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000753.D

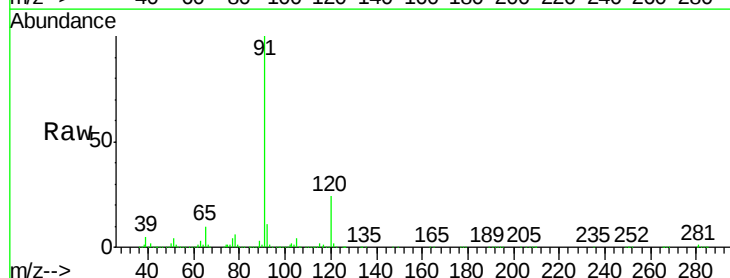
Acq: 10 Apr 2018 16:45

Tgt Ion: 91 Resp: 991259

Ion Ratio Lower Upper

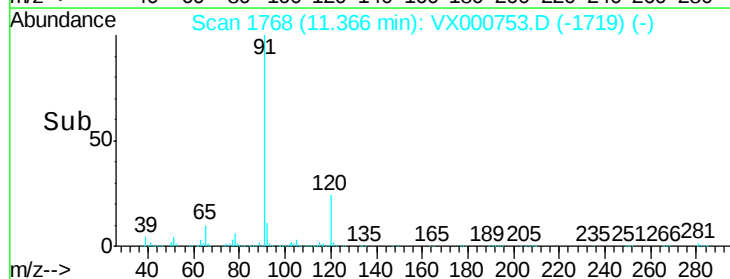
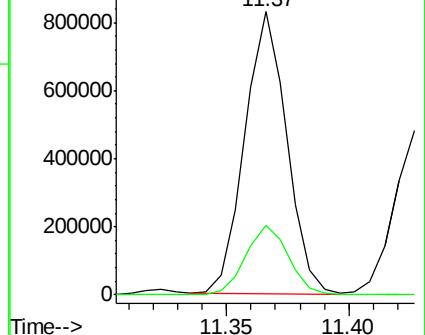
91 100

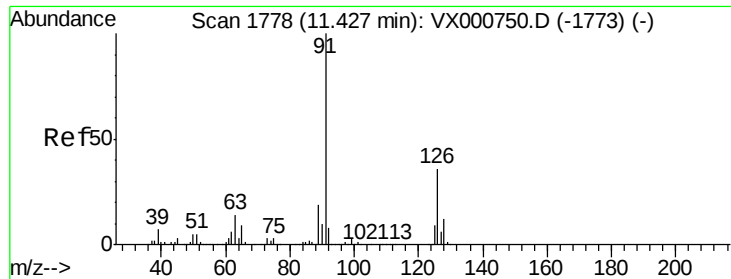
120 25.2 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.26 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

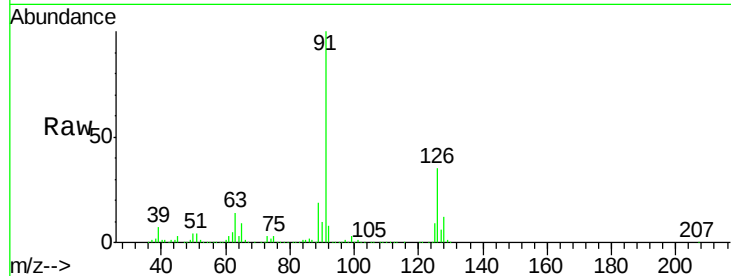
ICVVX041018

Tgt Ion: 91 Resp: 577009

Ion Ratio Lower Upper

91 100

126 36.7 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000750.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000750.D (-1773) (-)

800000

600000

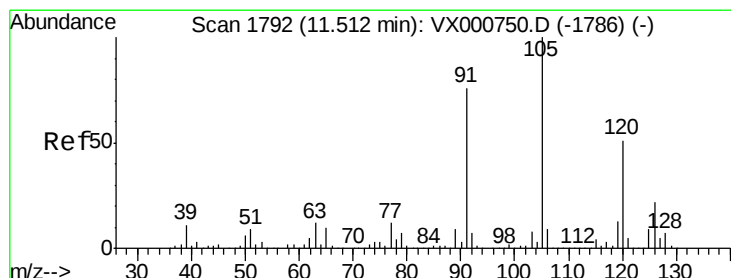
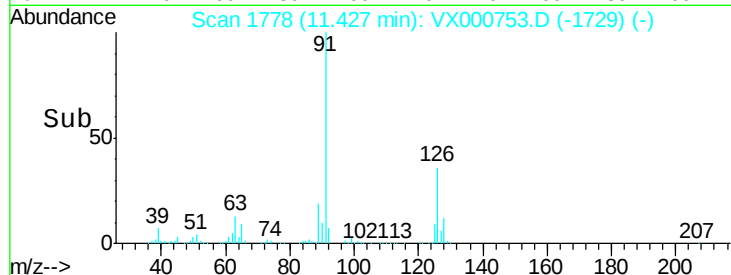
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.09 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000753.D

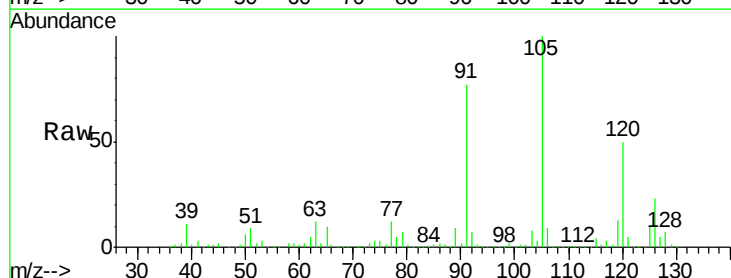
Acq: 10 Apr 2018 16:45

Tgt Ion: 105 Resp: 746738

Ion Ratio Lower Upper

105 100

120 50.1 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000750.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000750.D (-1786) (-)

600000

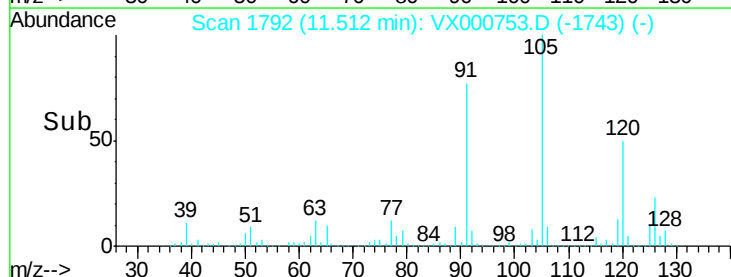
400000

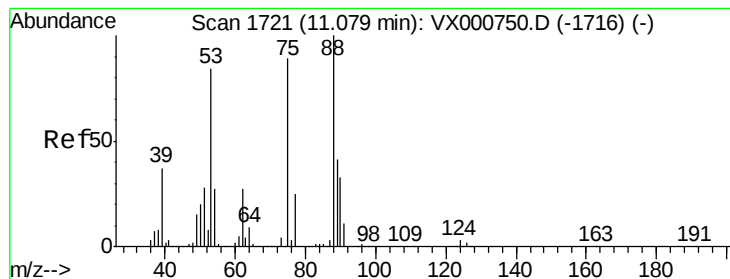
200000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.94 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

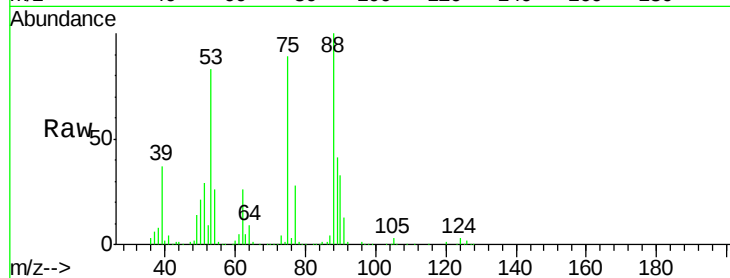
Tgt Ion: 75 Resp: 83806

Ion Ratio Lower Upper

75 100

53 93.2 75.4 113.0

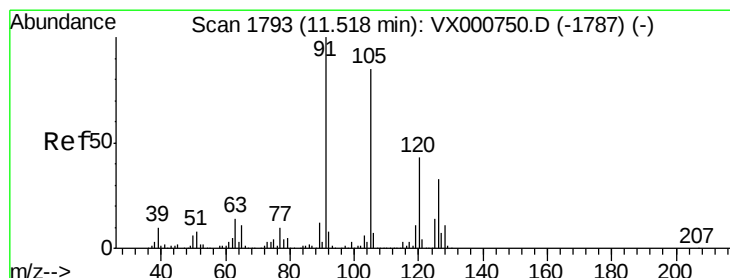
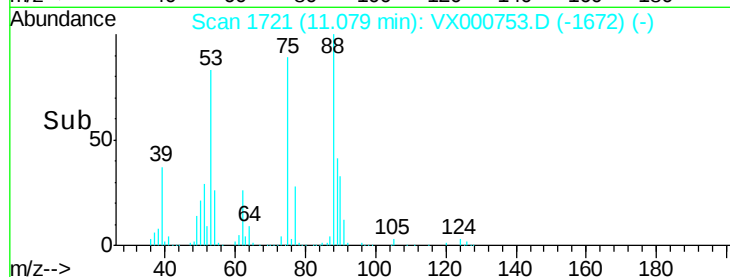
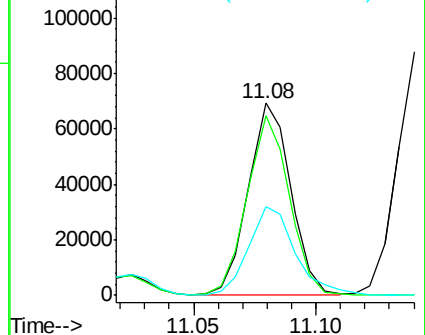
89 51.1 40.9 61.3



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: 48.16 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000753.D

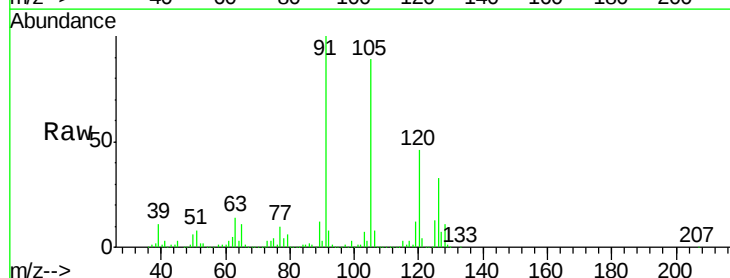
Acq: 10 Apr 2018 16:45

Tgt Ion: 91 Resp: 695143

Ion Ratio Lower Upper

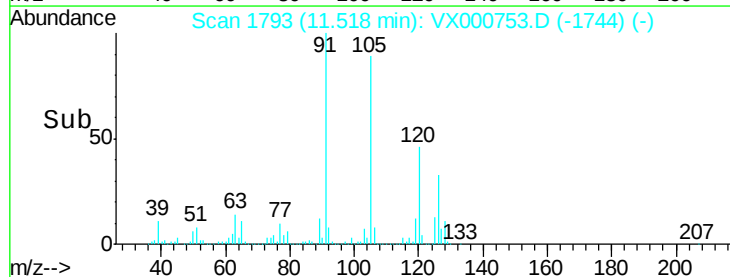
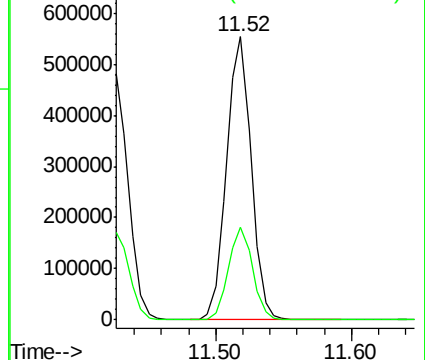
91 100

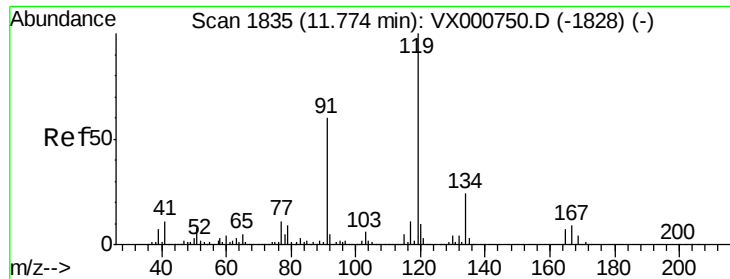
126 32.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

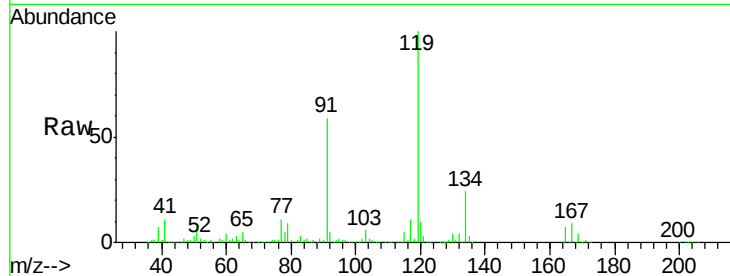




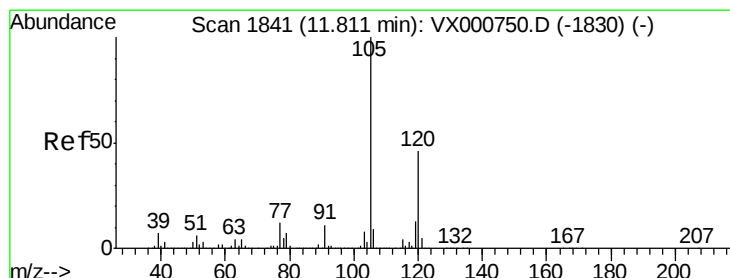
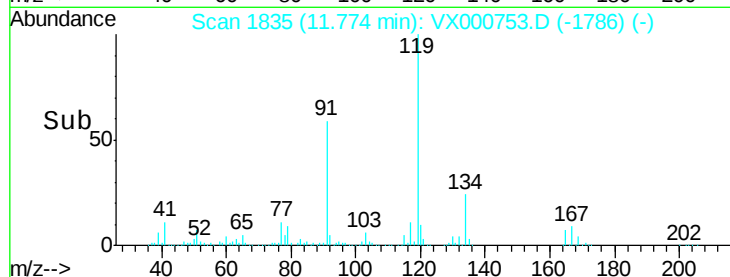
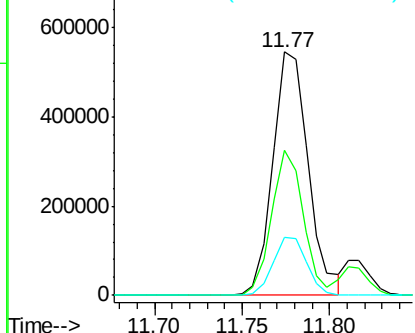
#83
 tert-Butylbenzene
 Concen: 49.58 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

Tgt Ion:119 Resp: 771624
 Ion Ratio Lower Upper
 119 100
 91 53.4 26.8 80.3
 134 22.9 11.5 34.4

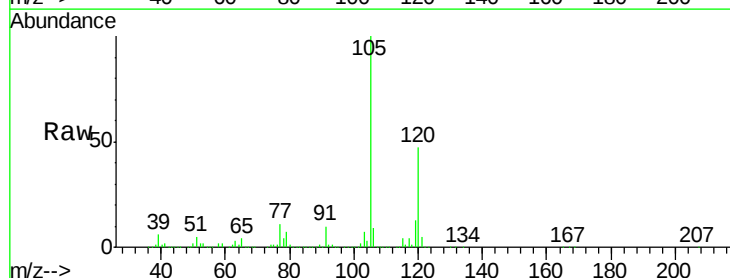


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

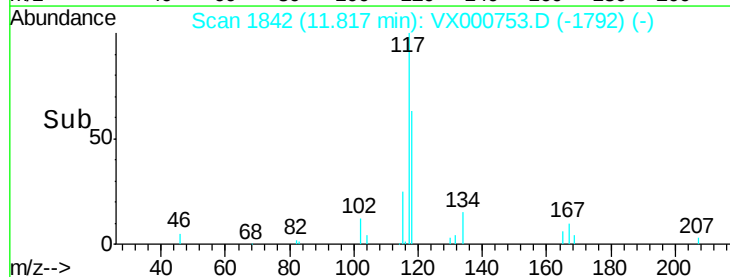
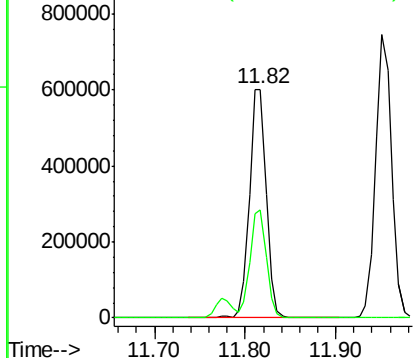


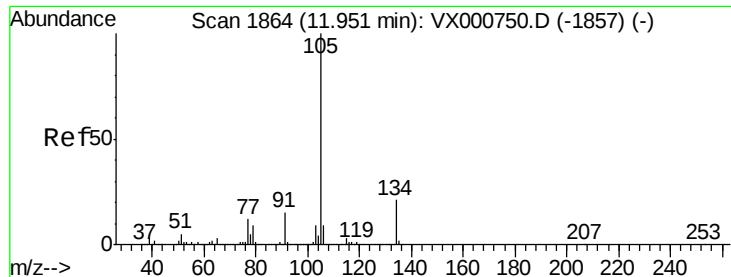
#84
 1,2,4-Trimethylbenzene
 Concen: 49.10 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion:105 Resp: 770975
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

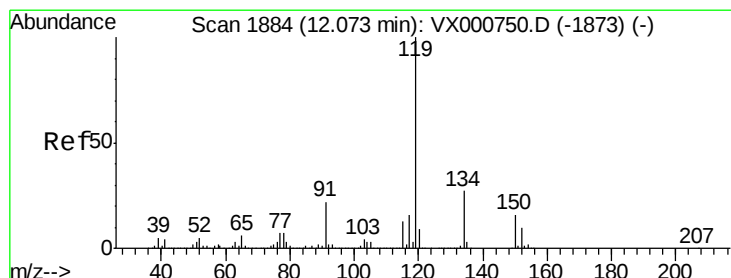
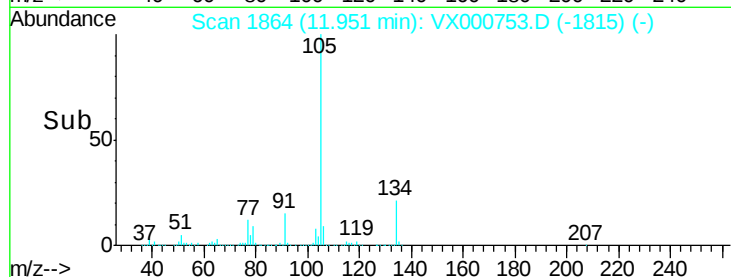
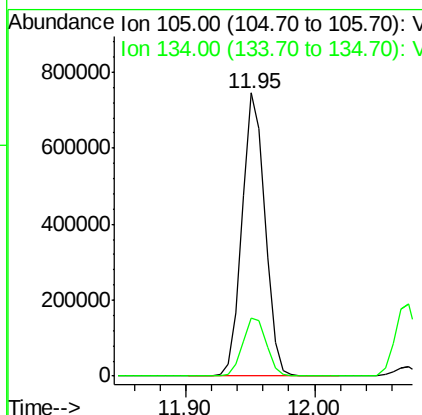
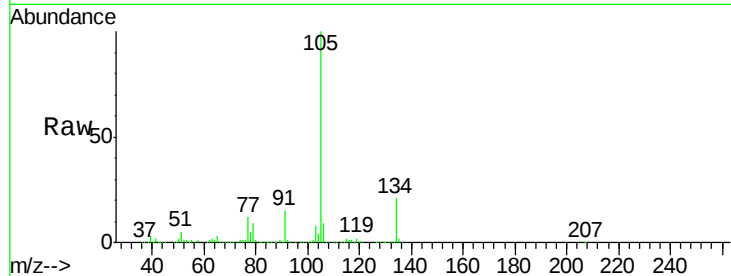




#85
 sec-Butylbenzene
 Concen: 49.80 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

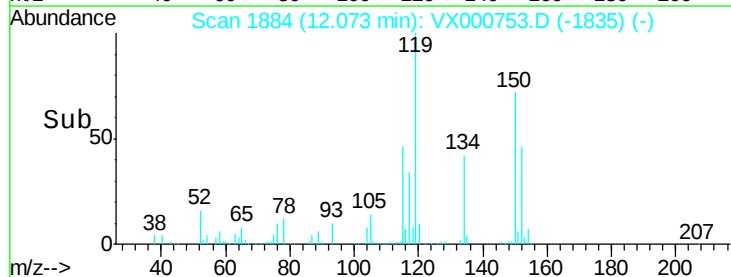
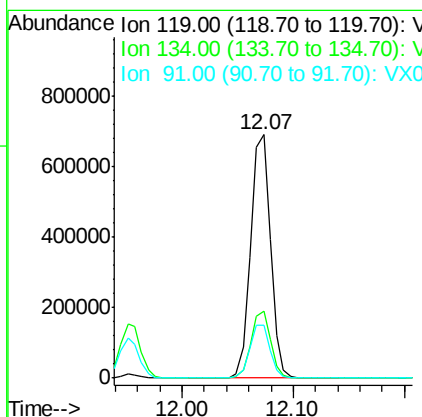
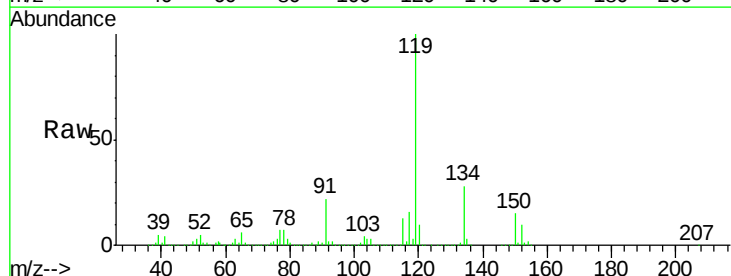
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

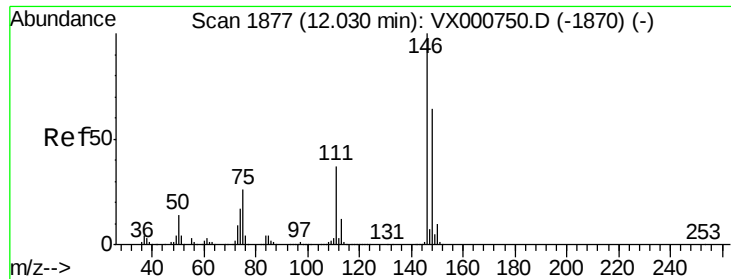
Tgt Ion:105 Resp: 914206
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 49.90 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion:119 Resp: 854340
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.48 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampled :

ICVVX041018

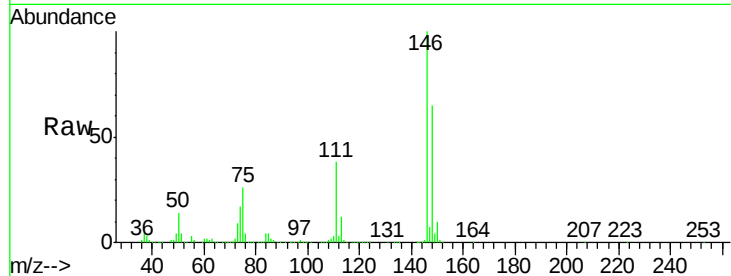
Tgt Ion:146 Resp: 465129

Ion Ratio Lower Upper

146 100

111 36.9 18.3 54.8

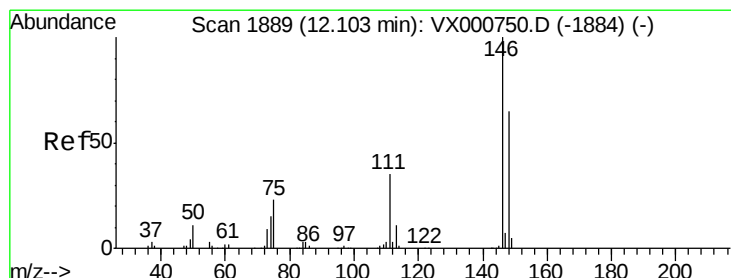
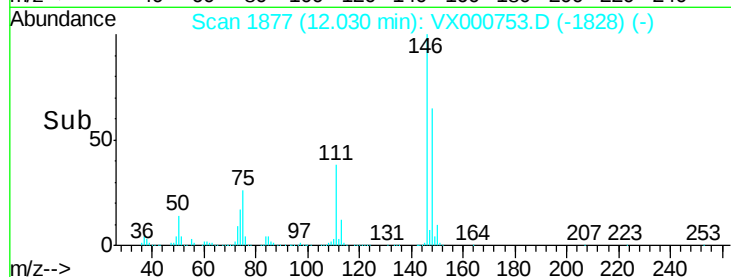
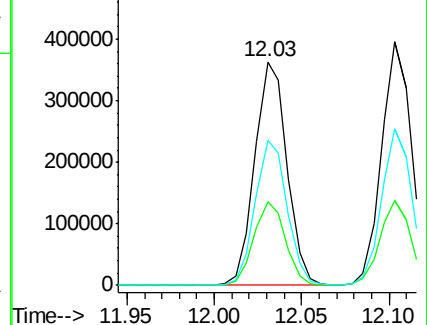
148 64.5 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 48.14 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

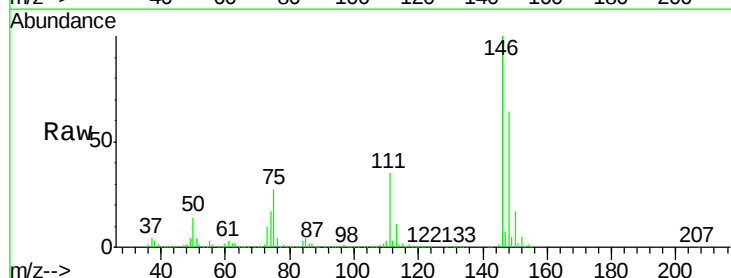
Tgt Ion:146 Resp: 473314

Ion Ratio Lower Upper

146 100

111 35.5 17.9 53.8

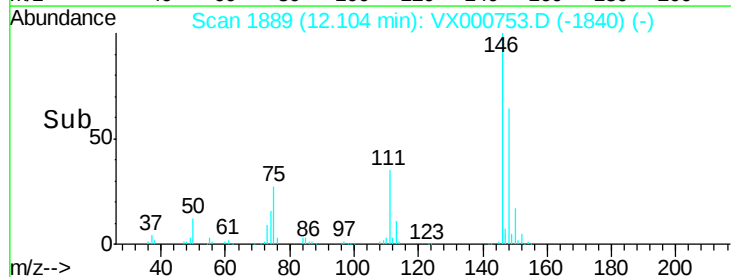
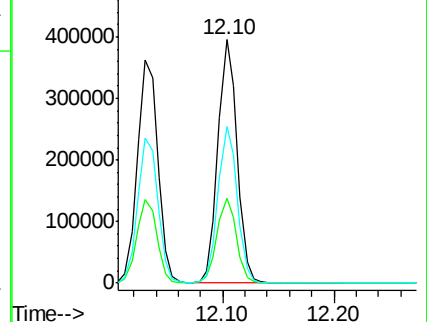
148 64.6 32.6 97.7

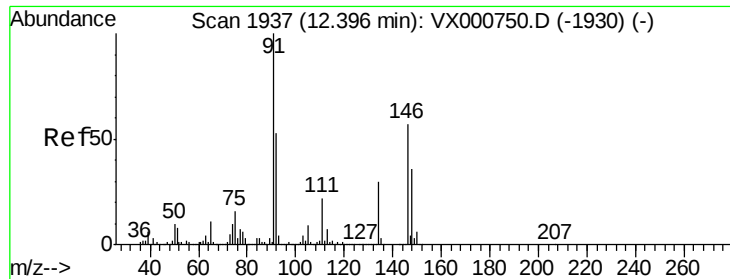


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.20 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

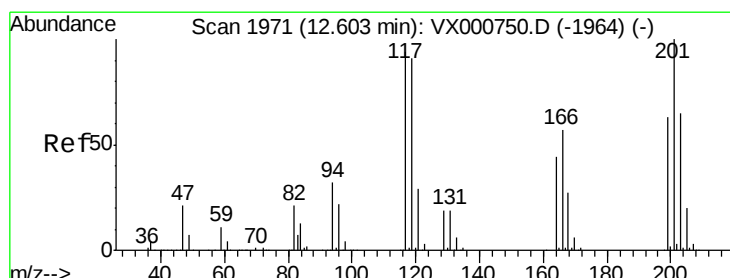
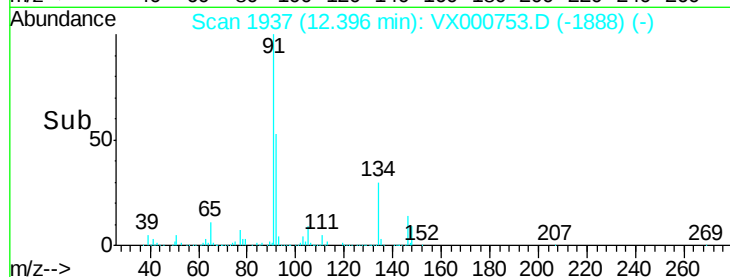
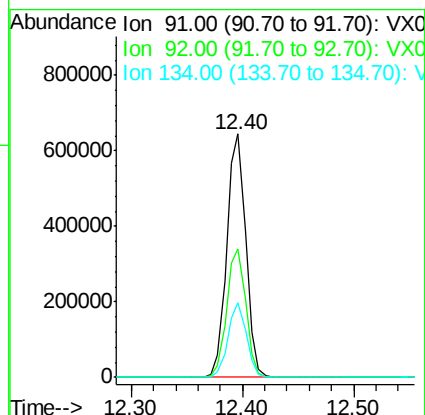
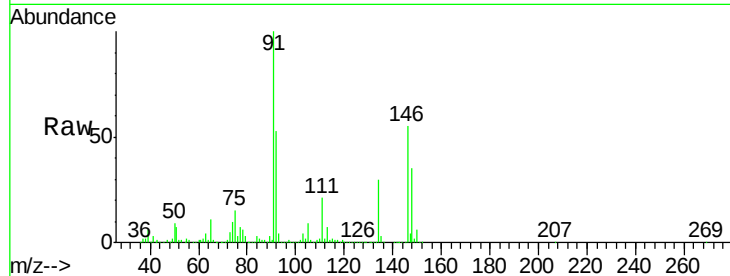
Tgt Ion: 91 Resp: 758579

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 29.4 14.5 43.5



#90

Hexachloroethane

Concen: 50.48 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000753.D

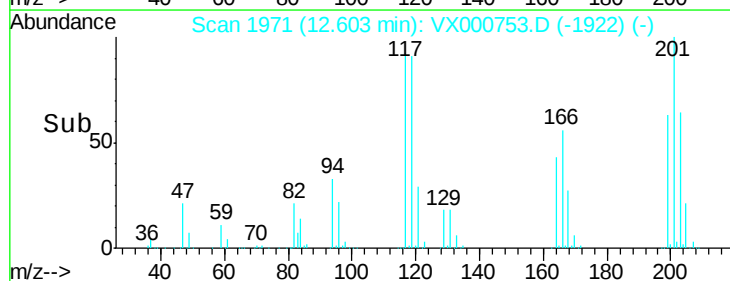
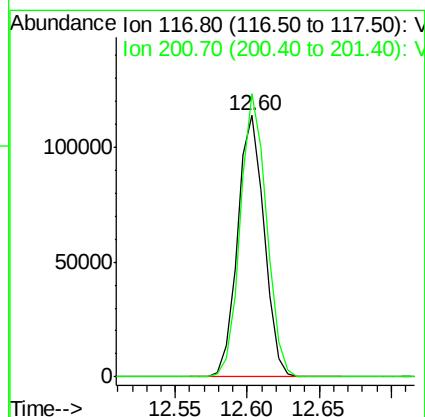
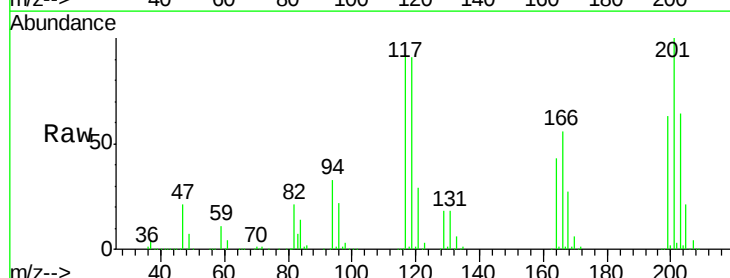
Acq: 10 Apr 2018 16:45

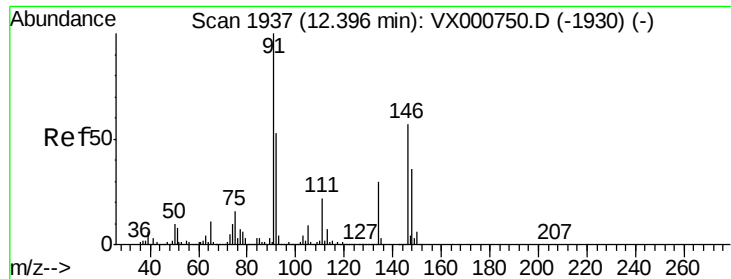
Tgt Ion: 117 Resp: 146224

Ion Ratio Lower Upper

117 100

201 106.3 52.9 158.7





#91

1,2-Dichlorobenzene

Concen: 48.57 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX041018

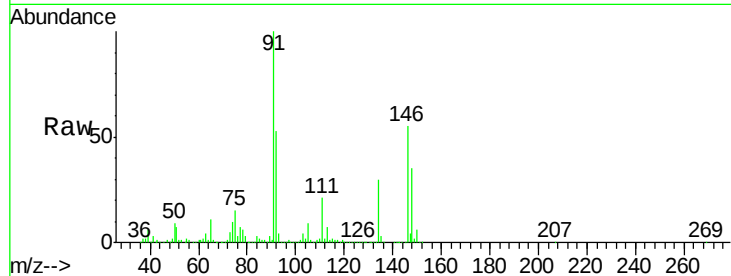
Tgt Ion: 146 Resp: 449891

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.7

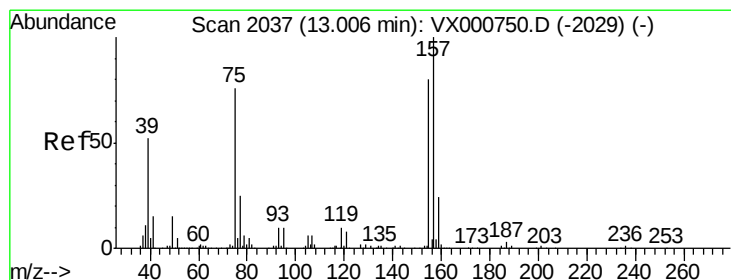
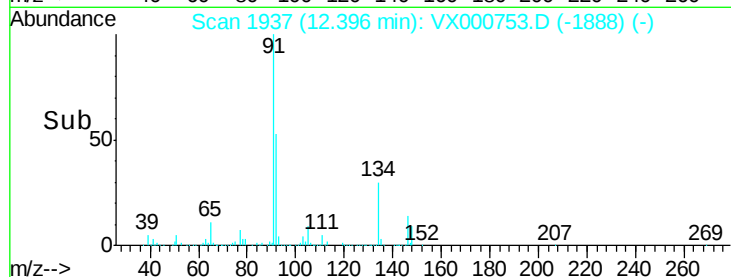
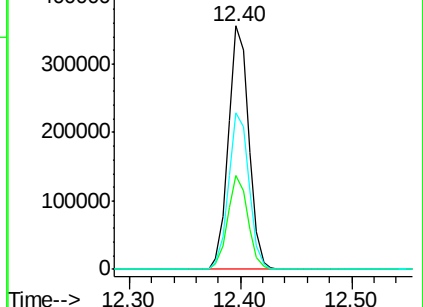
148 64.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.49 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

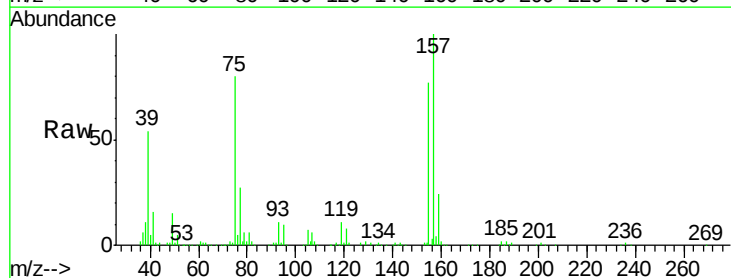
Tgt Ion: 75 Resp: 59790

Ion Ratio Lower Upper

75 100

155 101.9 51.9 155.8

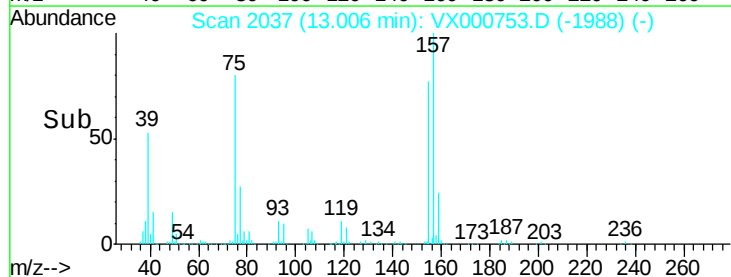
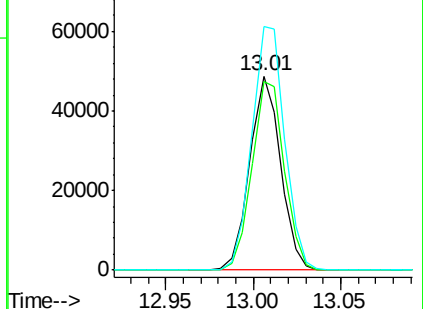
157 133.3 66.6 199.8

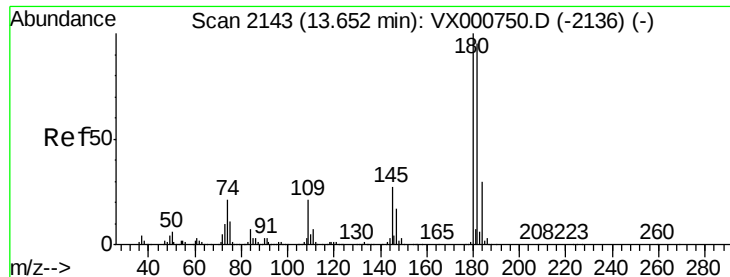


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

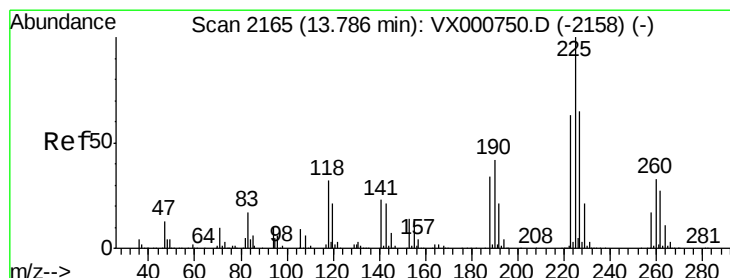
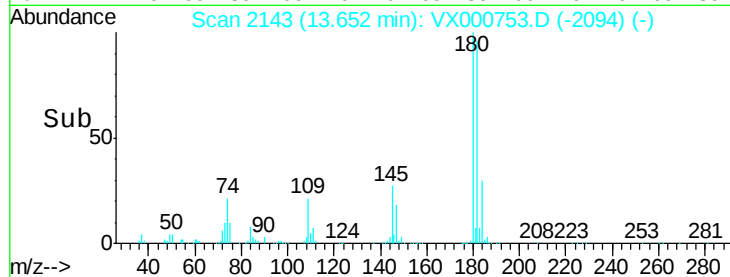
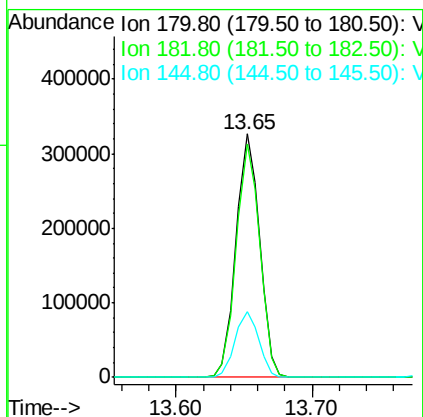
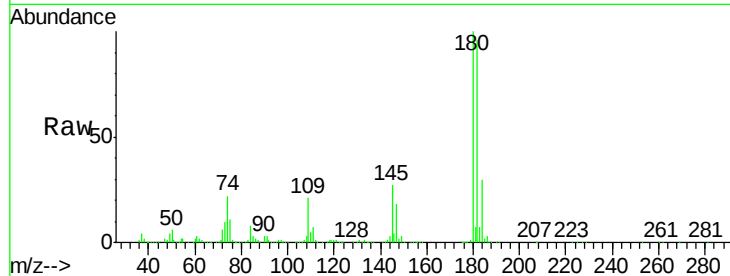




#93
 1,2,4-Trichlorobenzene
 Concen: 49.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

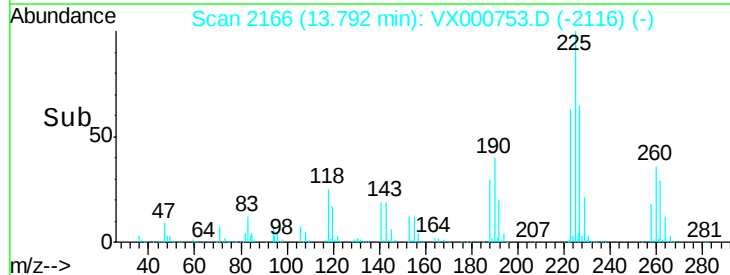
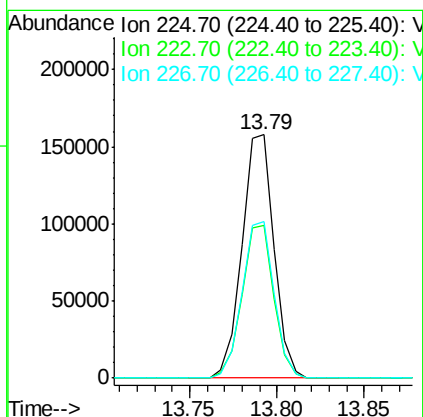
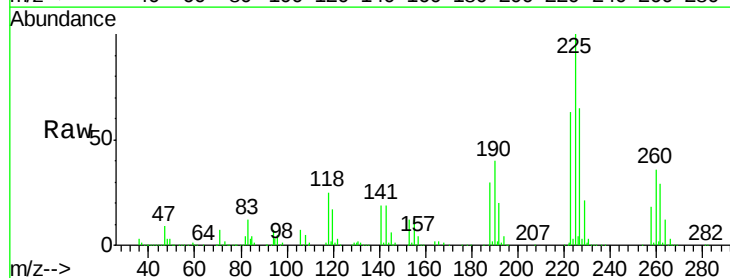
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041018

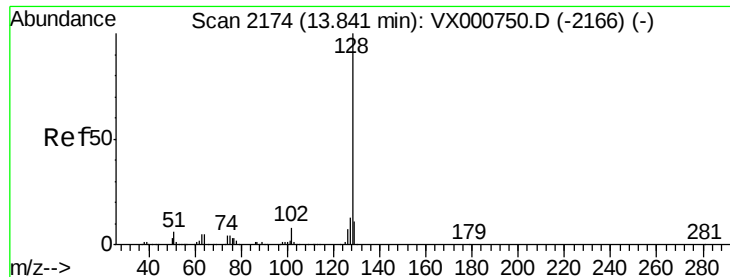
Tgt Ion:180 Resp: 394263
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.5
 145 27.3 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 51.32 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000753.D
 Acq: 10 Apr 2018 16:45

Tgt Ion:225 Resp: 199455
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 64.4 32.3 96.9





#95

Naphthalene

Concen: 48.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVO41018

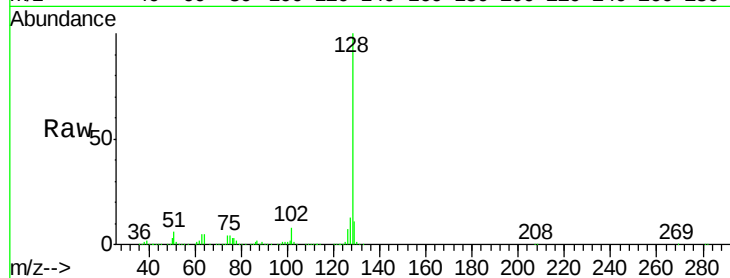
Tgt Ion:128 Resp: 988977

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

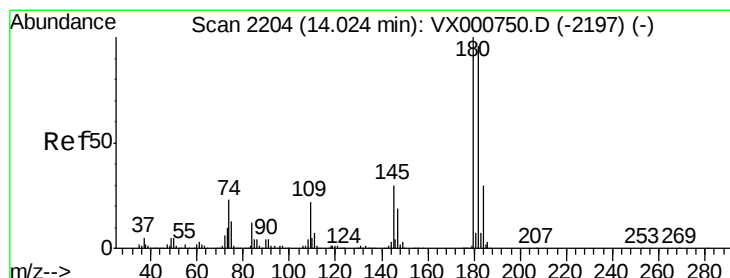
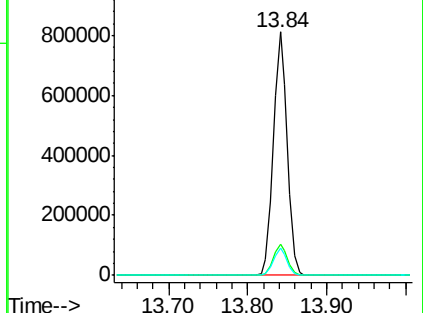
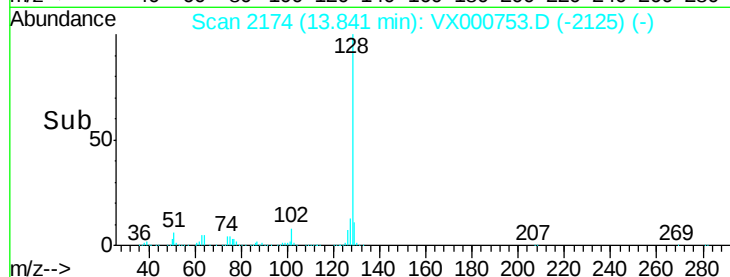
129 11.0 8.7 13.1



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: 49.21 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000753.D

Acq: 10 Apr 2018 16:45

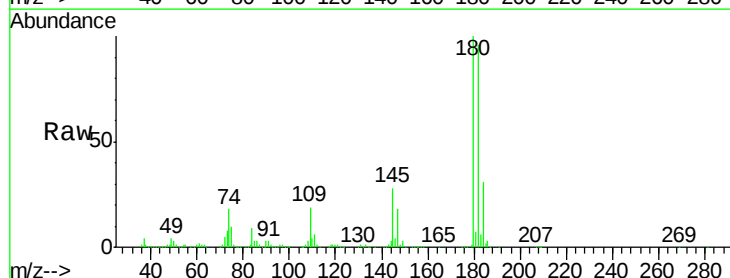
Tgt Ion:180 Resp: 377776

Ion Ratio Lower Upper

180 100

182 96.1 48.4 145.2

145 29.2 14.6 43.8



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

