

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX021318\
 Data File : VX000083.D
 Acq On : 13 Feb 2018 18:41
 Operator : JC/MD
 Sample : VX0213WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0213WBSD01

Quant Time: Feb 14 02:51:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	105521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98541	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	58774	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.52	113	50316	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.73	98	184378	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.15	95	75511	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	20198	21.12	ug/l	97
3) Chloromethane	1.32	50	20869	21.43	ug/l	98
4) Vinyl Chloride	1.41	62	23390	21.32	ug/l	99
5) Bromomethane	1.64	94	20072	34.25	ug/l	94
6) Chloroethane	1.73	64	15298	23.19	ug/l	96
7) Trichlorofluoromethane	1.93	101	42197	22.07	ug/l	97
8) Diethyl Ether	2.20	74	14754	21.31	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	22947	21.24	ug/l	99
10) Methyl Iodide	2.51	142	23275	18.84	ug/l	97
11) Tert butyl alcohol	3.07	59	54815	124.25	ug/l	99
12) 1,1-Dichloroethene	2.38	96	21382	20.88	ug/l	95
13) Acrolein	2.30	56	18915	83.53	ug/l	98
14) Allyl chloride	2.73	41	37025	20.76	ug/l	99
15) Acrylonitrile	3.16	53	89544	116.50	ug/l	99
16) Acetone	2.45	43	85790	131.43	ug/l	99
17) Carbon Disulfide	2.57	76	58980	19.77	ug/l	99
18) Methyl Acetate	2.78	43	40918	24.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	76071	21.71	ug/l	97
20) Methylene Chloride	2.87	84	24025	21.98	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	23242	21.09	ug/l	99
22) Diisopropyl ether	3.89	45	61633	20.92	ug/l	95
23) Vinyl Acetate	3.84	43	285367	107.16	ug/l	97
24) 1,1-Dichloroethane	3.71	63	38700	21.13	ug/l	98
25) 2-Butanone	4.72	43	121397	123.23	ug/l	94
26) 2,2-Dichloropropane	4.60	77	32488	20.71	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	22985	21.28	ug/l	97
28) Bromochloromethane	5.03	49	13212	21.76	ug/l	89
29) Tetrahydrofuran	5.18	42	79967	118.46	ug/l	98
30) Chloroform	5.23	83	40211	21.79	ug/l	98
31) Cyclohexane	5.59	56	31405	20.88	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	36920	21.25	ug/l	98
36) 1,1-Dichloropropene	5.81	75	29659	19.53	ug/l	97
37) Ethyl Acetate	4.88	43	41044	20.93	ug/l	98
38) Carbon Tetrachloride	5.79	117	32524	19.08	ug/l	99

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	35700	19.37	ug/l	98
40) Benzene	6.16	78	86829	20.23	ug/l	96
41) Methacrylonitrile	5.07	41	21612	21.46	ug/l	98
42) 1,2-Dichloroethane	6.21	62	32763	21.37	ug/l	98
43) Isopropyl Acetate	6.48	43	60715	20.54	ug/l	99
44) Trichloroethene	7.23	130	25097	18.90	ug/l	95
45) 1,2-Dichloropropane	7.52	63	21595	20.70	ug/l	98
46) Dibromomethane	7.67	93	16436	20.41	ug/l	96
47) Bromodichloromethane	7.91	83	31382	20.04	ug/l	98
48) Methyl methacrylate	7.79	41	29368	20.24	ug/l	97
49) 1,4-Dioxane	7.77	88	16794	434.47	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	230056	111.68	ug/l	95
52) Toluene	8.79	92	58598	20.33	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	36570	19.96	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	36725	20.63	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	24509	20.27	ug/l	96
56) Ethyl methacrylate	9.19	69	37437	20.19	ug/l	95
57) 1,3-Dichloropropane	9.38	76	39792	21.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	95819	104.61	ug/l	98
59) 2-Hexanone	9.51	43	192691	115.01	ug/l	98
60) Dibromochloromethane	9.59	129	27540	19.81	ug/l	100
61) 1,2-Dibromoethane	9.68	107	27385	20.57	ug/l	98
64) Tetrachloroethene	9.34	164	23016	18.16	ug/l	91
65) Chlorobenzene	10.15	112	70198	19.84	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	25362	19.93	ug/l	99
67) Ethyl Benzene	10.26	91	117305	20.00	ug/l	99
68) m/p-Xylenes	10.37	106	92626	39.65	ug/l	98
69) o-Xylene	10.71	106	44574	19.77	ug/l	99
70) Styrene	10.72	104	74440	19.54	ug/l	98
71) Bromoform	10.87	173	22843	18.98	ug/l	# 100
73) Isopropylbenzene	11.02	105	120973	19.35	ug/l	100
74) N-amyl acetate	6.48	43	60715	19.40	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	42022	19.76	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	52006	28.02	ug/l	78
77) Bromobenzene	11.26	156	32364	19.08	ug/l	97
78) n-propylbenzene	11.37	91	140673	19.40	ug/l	99
79) 2-Chlorotoluene	11.43	91	80442	19.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	101749	19.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	13758	18.34	ug/l	90
82) 4-Chlorotoluene	11.52	91	97437	19.45	ug/l	99
83) tert-Butylbenzene	11.78	119	104805	19.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	105235	19.63	ug/l	98
85) sec-Butylbenzene	11.96	105	126698	19.46	ug/l	100
86) p-Isopropyltoluene	12.07	119	113172	19.33	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	62440	19.53	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	63189	19.32	ug/l	99
89) n-Butylbenzene	12.40	91	106078	19.39	ug/l	98
90) Hexachloroethane	12.60	117	19269	18.82	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	60897	19.47	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12511	20.54	ug/l	94

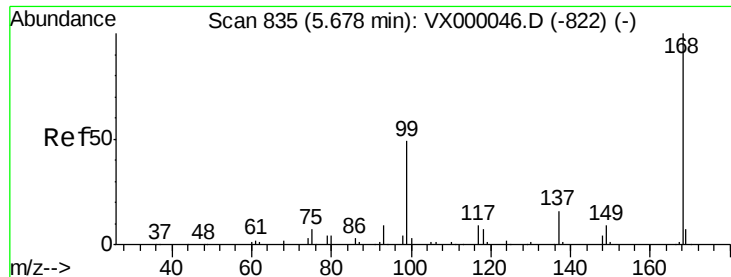
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Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44573	18.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	20409	18.09	ug/l	98
95) Naphthalene	13.84	128	158583	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	44372	19.06	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

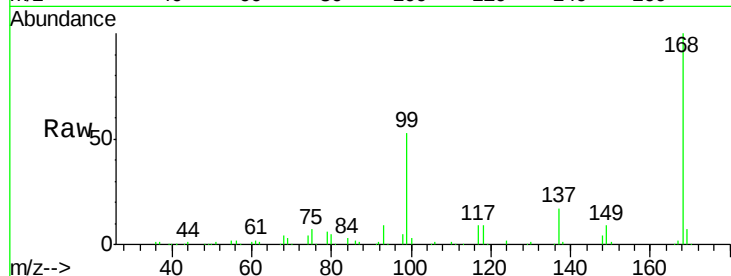
Instrument :
ClientSampleId :
VX0213WBSD01

Tgt Ion: 168 Resp: 105521

Ion Ratio Lower Upper

168 100

99 52.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

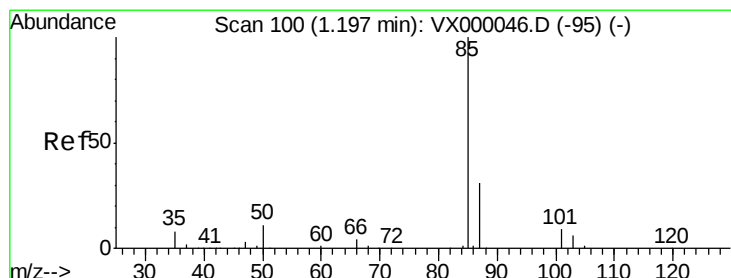
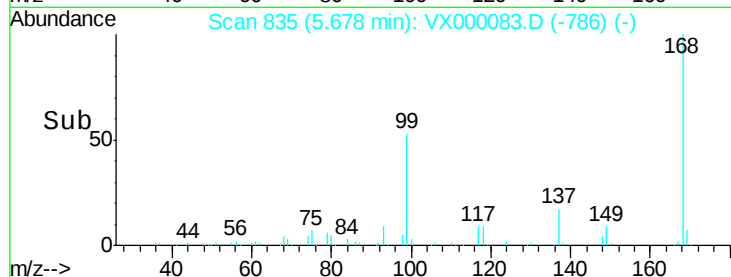
20000

10000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000083.D

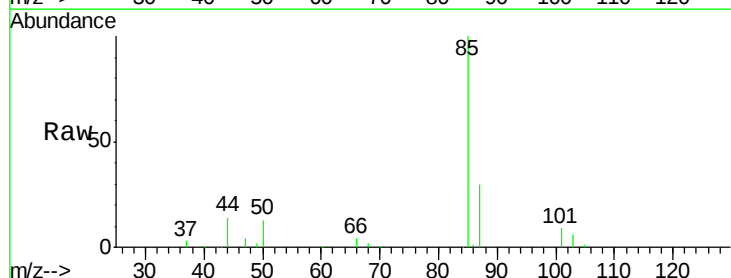
Acq: 13 Feb 2018 18:41

Tgt Ion: 85 Resp: 20198

Ion Ratio Lower Upper

85 100

87 29.9 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

15000

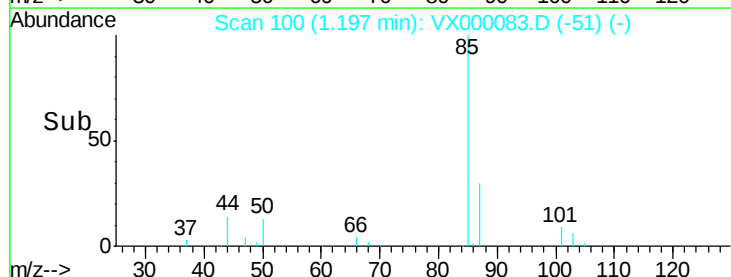
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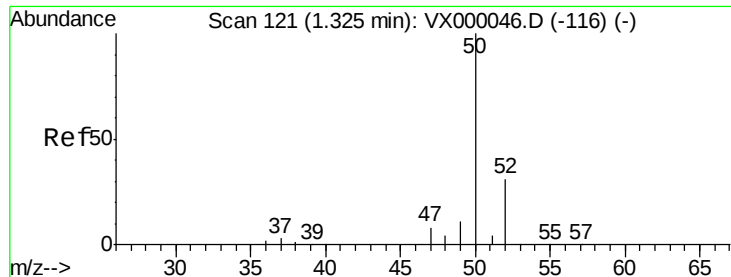
5000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

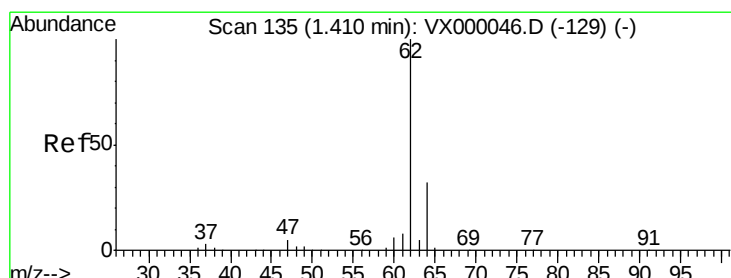
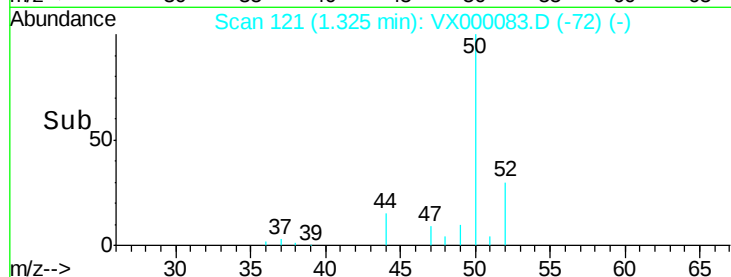
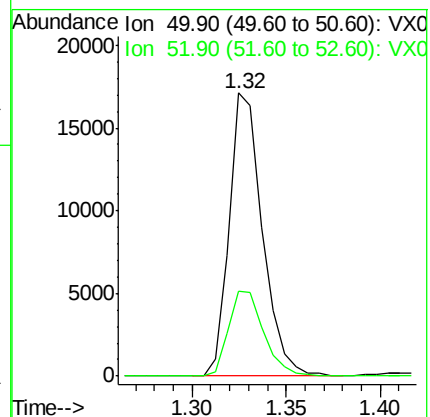
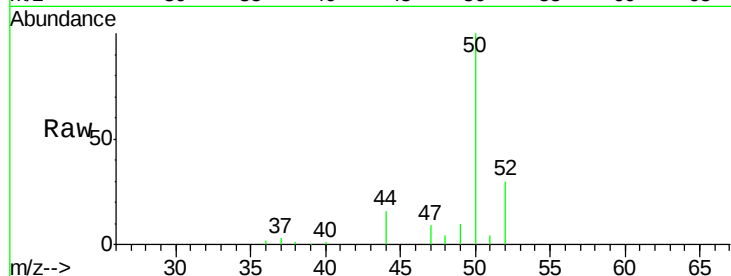
Instrument :
ClientSampled :
VX0213WBSD01

Tgt Ion: 50 Resp: 20869

Ion Ratio Lower Upper

50 100

52 30.1 25.0 37.6



#4

Vinyl Chloride

Concen: 21.32 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000083.D

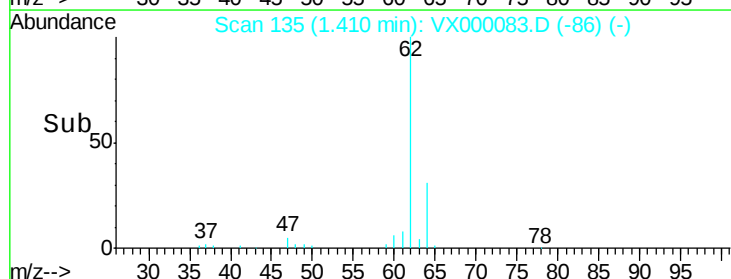
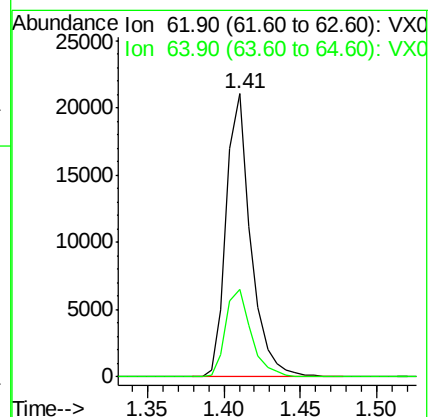
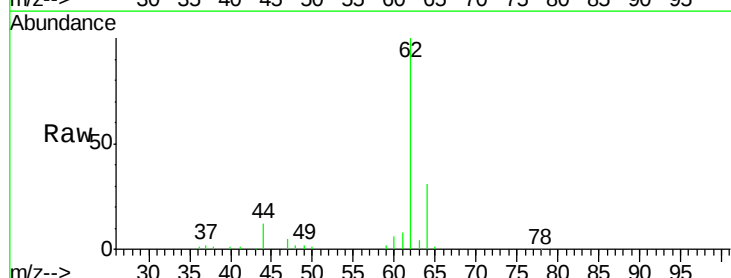
Acq: 13 Feb 2018 18:41

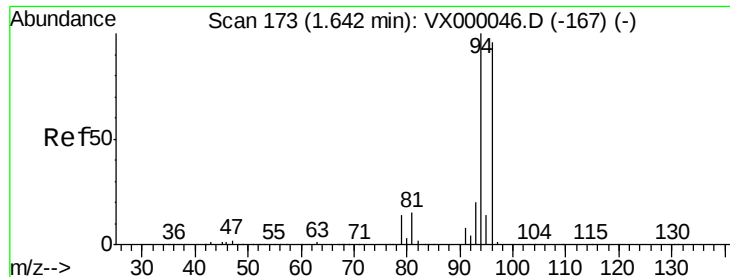
Tgt Ion: 62 Resp: 23390

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.0





#5

Bromomethane

Concen: 34.25 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

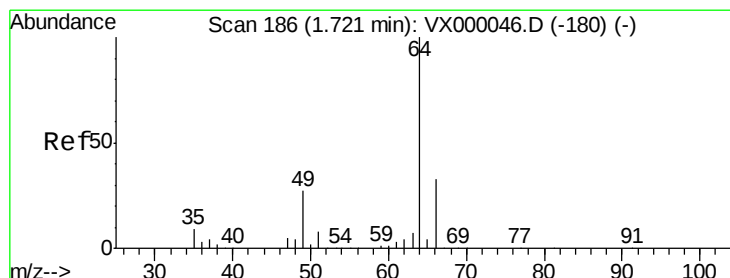
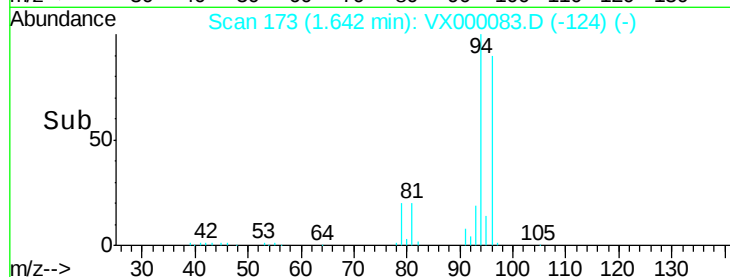
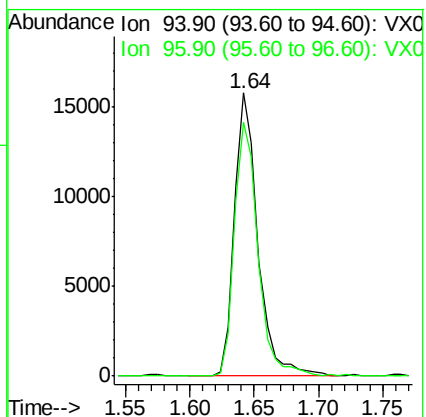
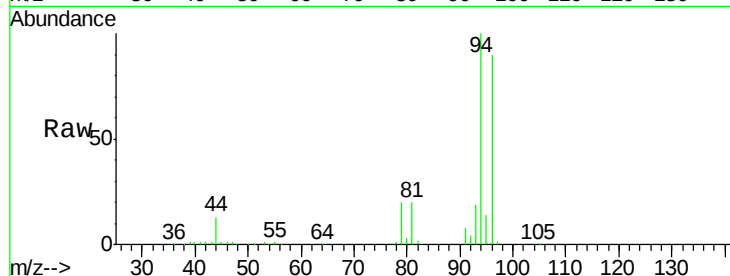
VX0213WBSD01

Tgt Ion: 94 Resp: 20072

Ion Ratio Lower Upper

94 100

96 89.7 76.7 115.1



#6

Chloroethane

Concen: 23.19 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000083.D

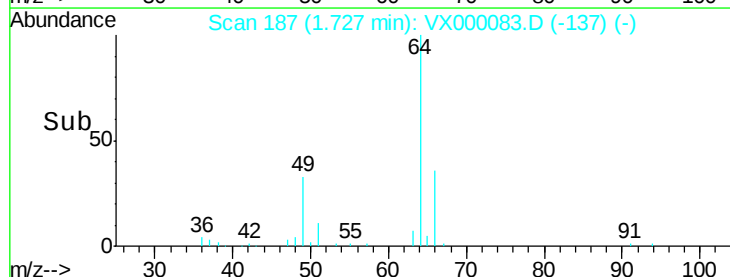
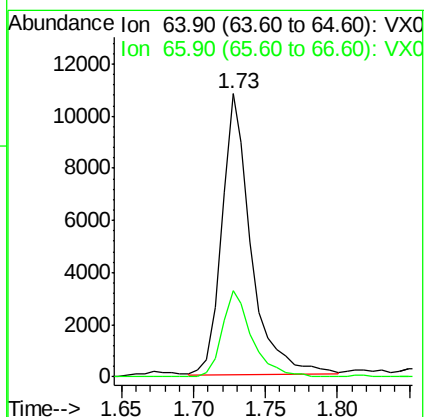
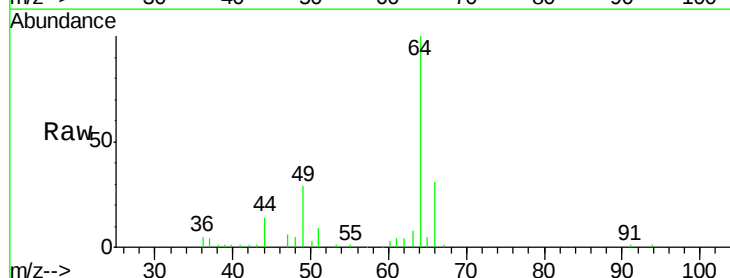
Acq: 13 Feb 2018 18:41

Tgt Ion: 64 Resp: 15298

Ion Ratio Lower Upper

64 100

66 30.9 26.4 39.6



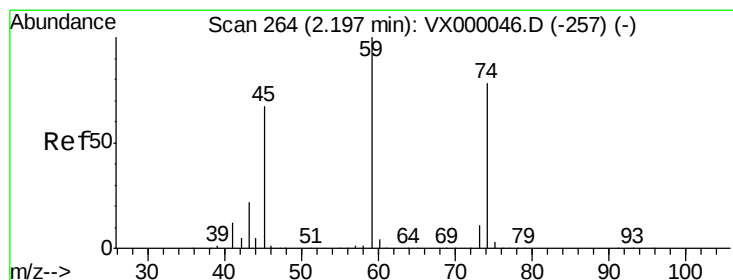
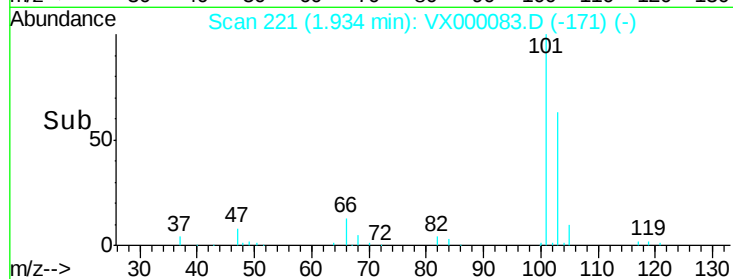
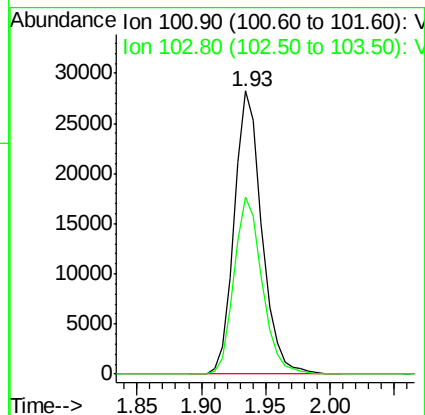
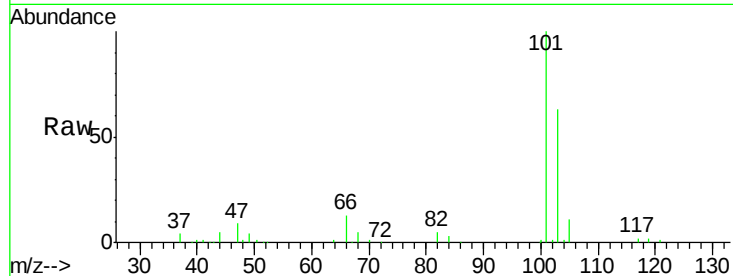


#7

Trichlorofluoromethane
Concen: 22.07 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

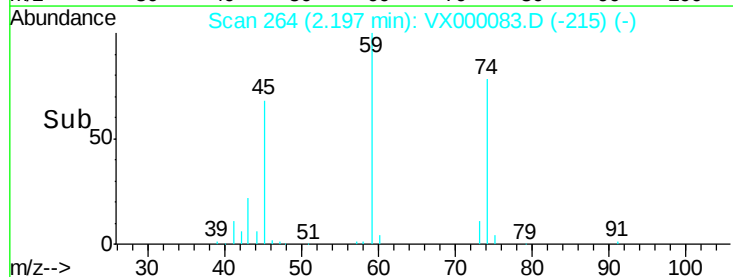
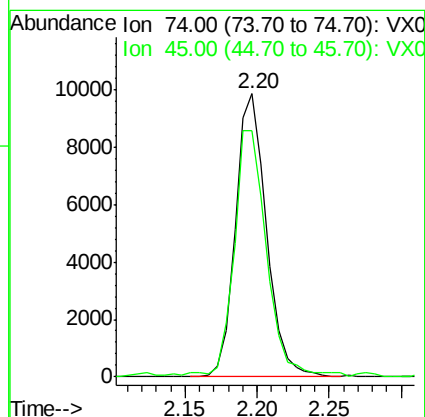
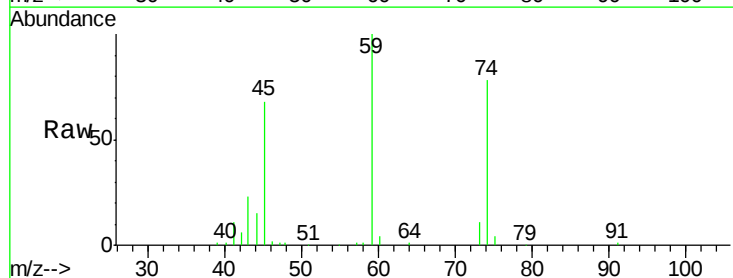
Tgt Ion: 101 Resp: 42197
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5

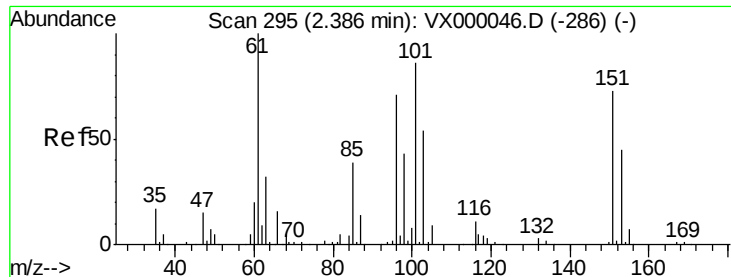


#8

Diethyl Ether
Concen: 21.31 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion: 74 Resp: 14754
Ion Ratio Lower Upper
74 100
45 92.6 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.24 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

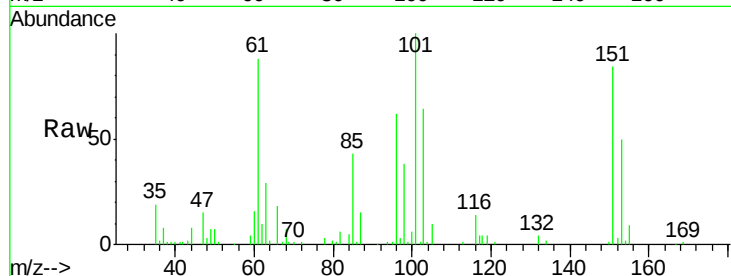
Tgt Ion:101 Resp: 22947

Ion Ratio Lower Upper

101 100

85 46.8 36.6 54.8

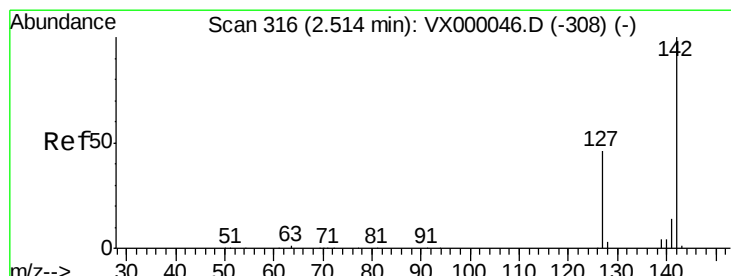
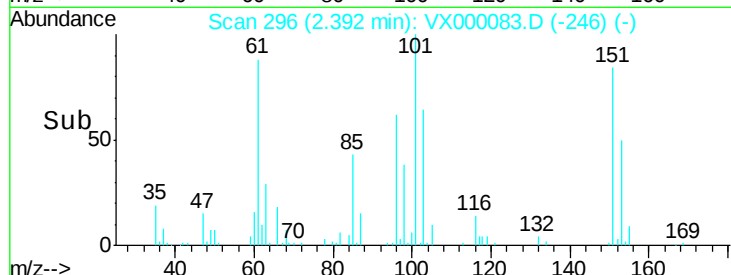
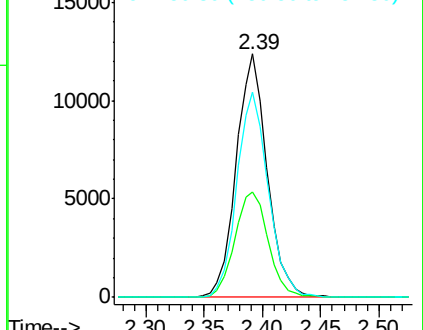
151 85.5 68.8 103.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.84 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

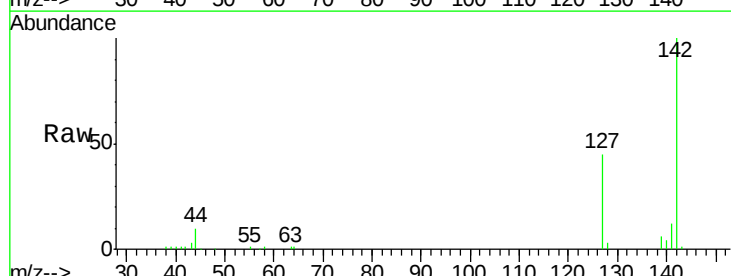
Tgt Ion:142 Resp: 23275

Ion Ratio Lower Upper

142 100

127 48.1 36.8 55.2

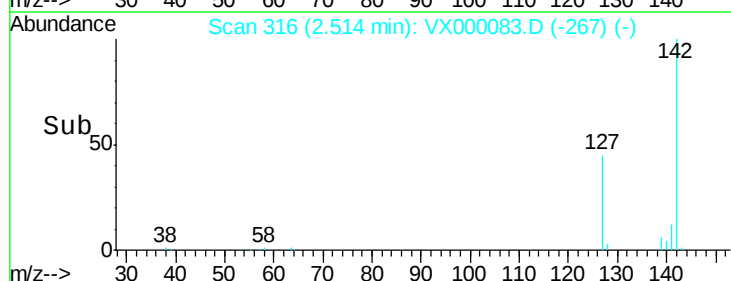
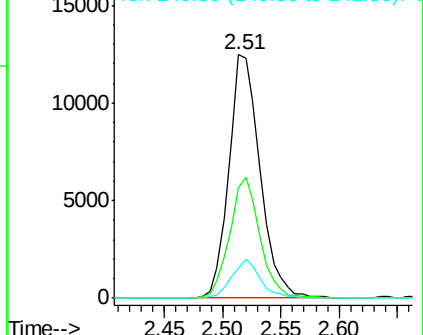
141 14.6 11.4 17.0

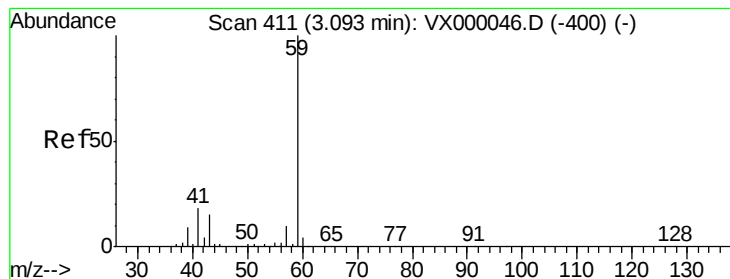


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



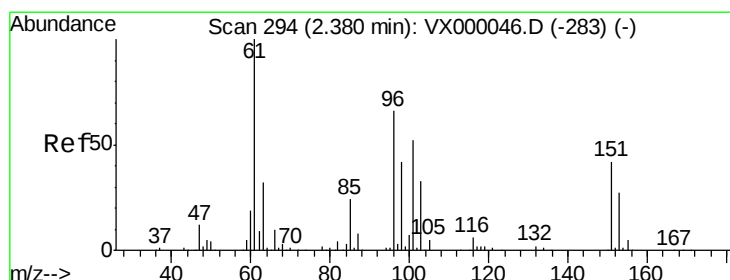
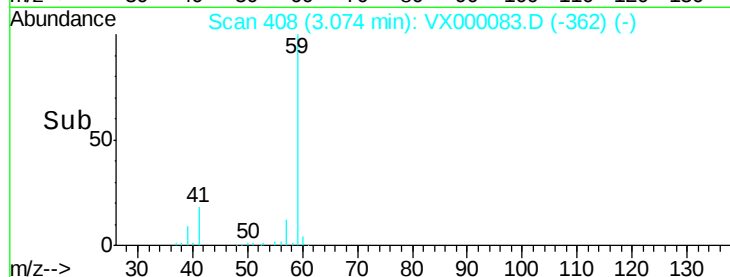
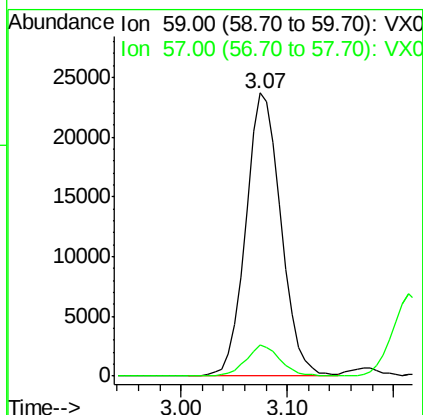
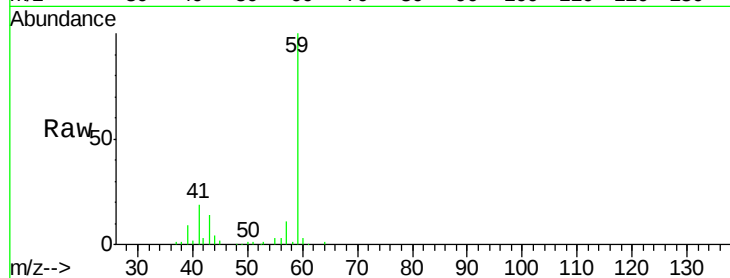


#11

Tert butyl alcohol
 Concen: 124.25 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampled :
 VX0213WBSD01

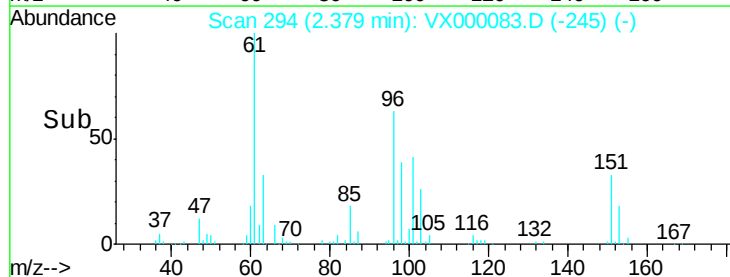
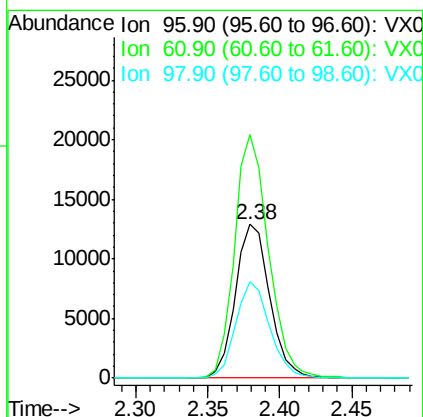
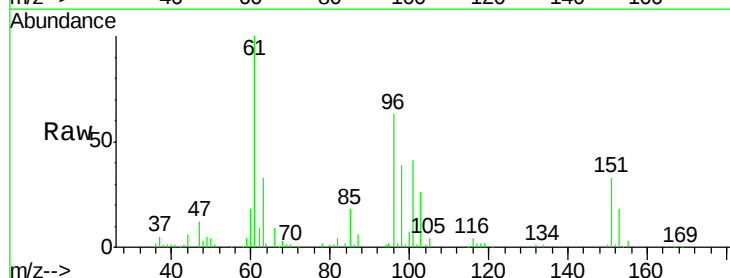
Tgt Ion: 59 Resp: 54815
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

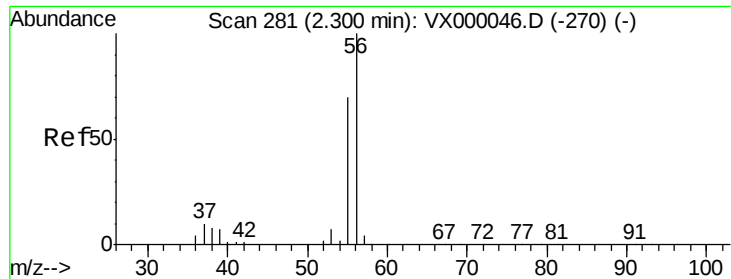


#12

1,1-Dichloroethene
 Concen: 20.88 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 96 Resp: 21382
 Ion Ratio Lower Upper
 96 100
 61 158.2 120.3 180.5
 98 62.3 51.0 76.4





#13

Acrolein

Concen: 83.53 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

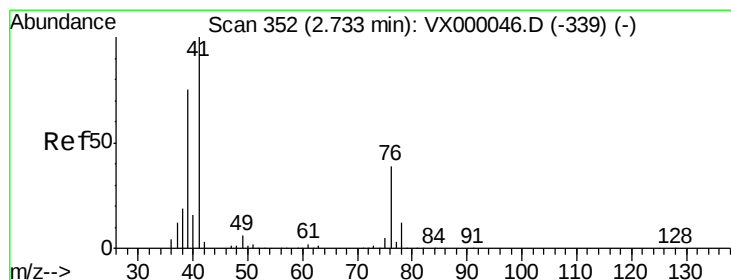
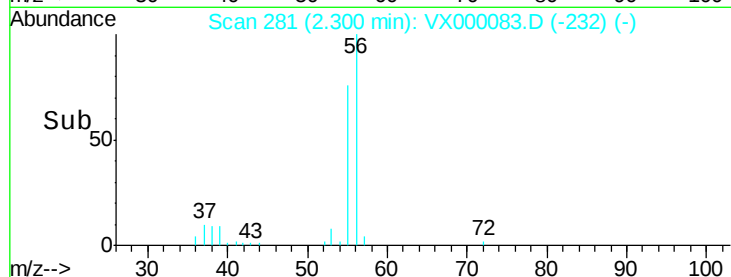
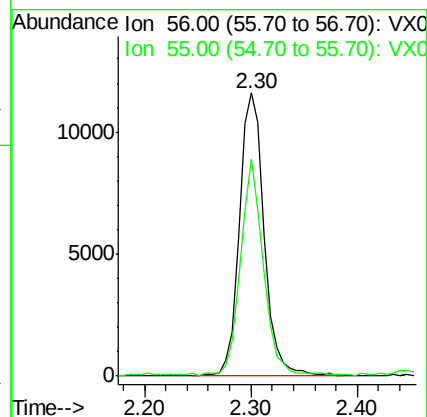
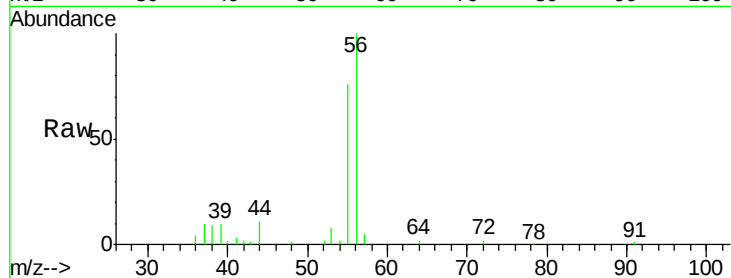
Instrument :
ClientSampled :
VX0213WBSD01

Tgt Ion: 56 Resp: 18915

Ion Ratio Lower Upper

56 100

55 72.4 56.4 84.6



#14

Allyl chloride

Concen: 20.76 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

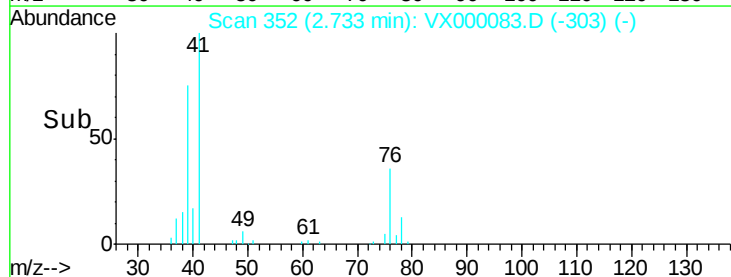
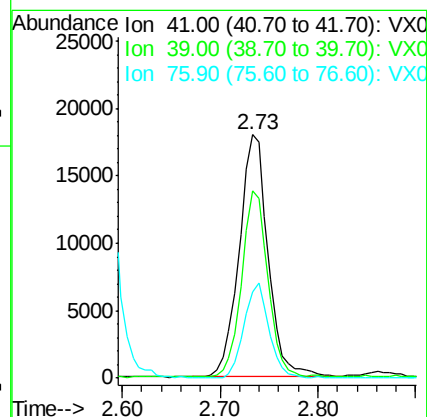
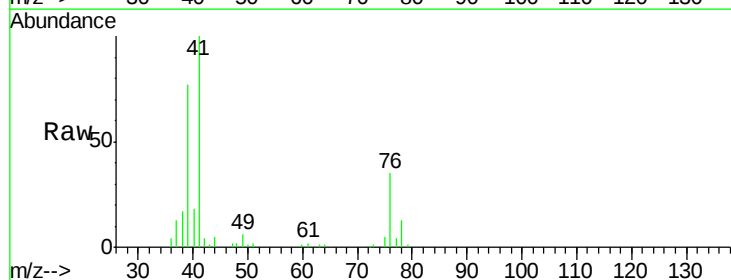
Tgt Ion: 41 Resp: 37025

Ion Ratio Lower Upper

41 100

39 69.6 55.8 83.6

76 34.2 28.7 43.1





#15

Acrylonitrile

Concen: 116.50 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

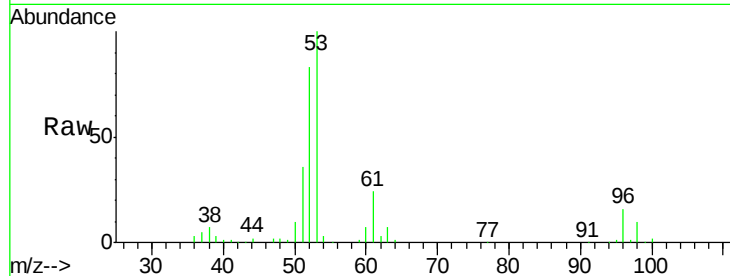
Tgt Ion: 53 Resp: 89544

Ion Ratio Lower Upper

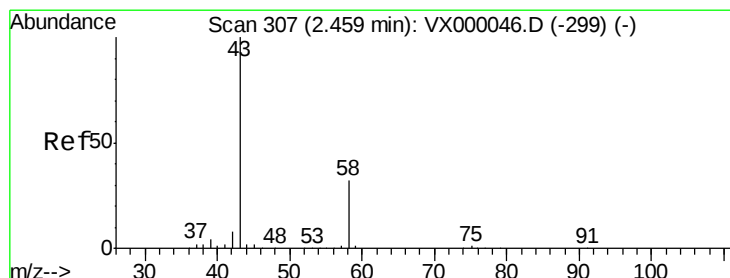
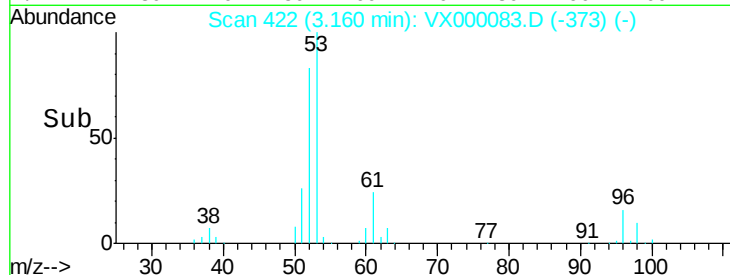
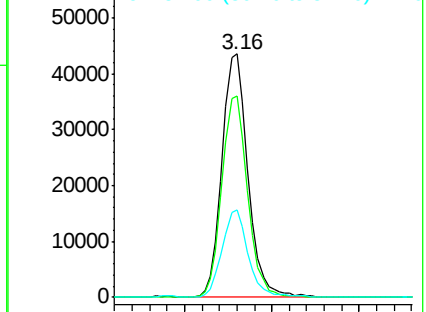
53 100

52 82.5 66.5 99.7

51 36.5 29.1 43.7



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: 131.43 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX000083.D

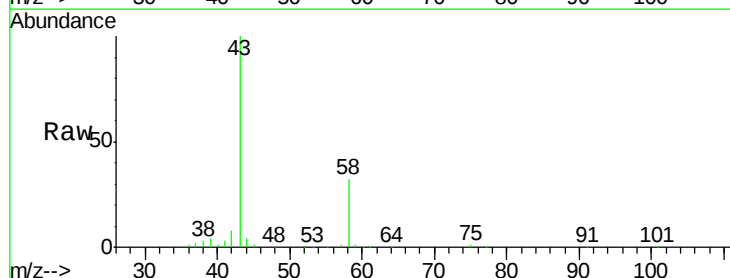
Acq: 13 Feb 2018 18:41

Tgt Ion: 43 Resp: 85790

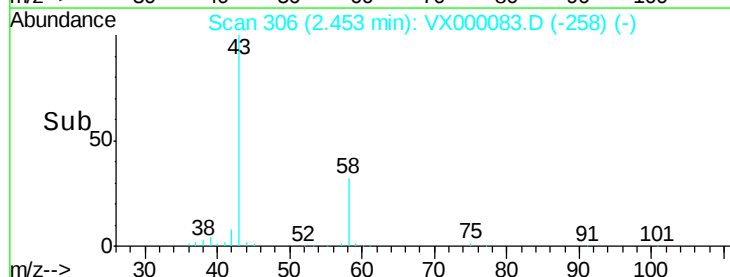
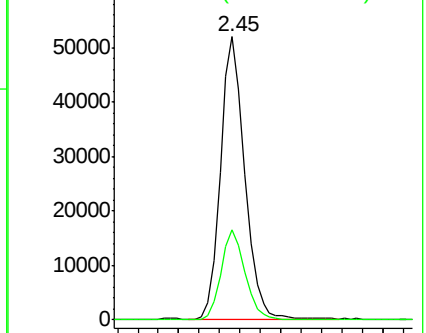
Ion Ratio Lower Upper

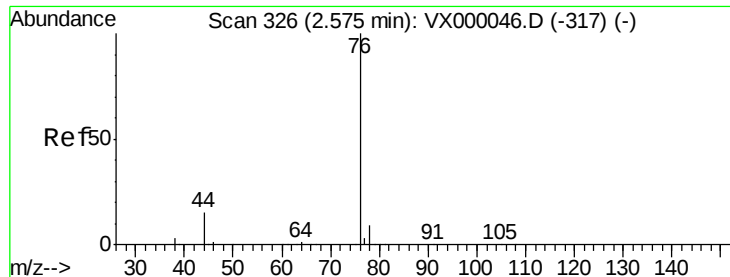
43 100

58 31.9 25.9 38.9



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

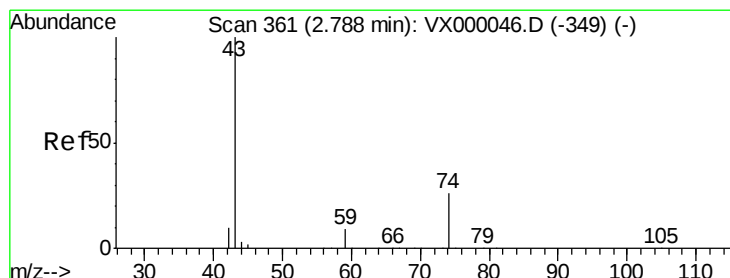
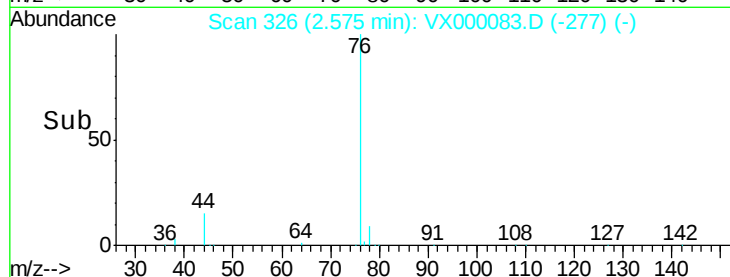
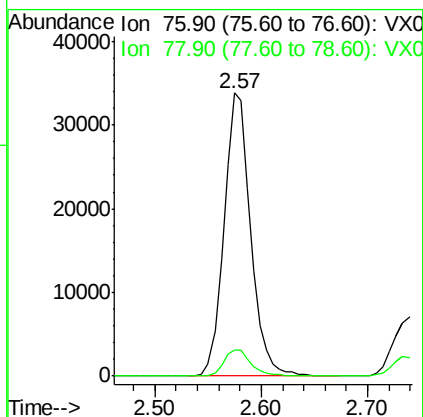
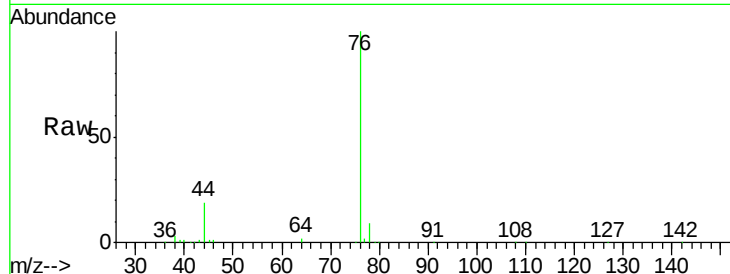




#17
Carbon Disulfide
Concen: 19.77 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

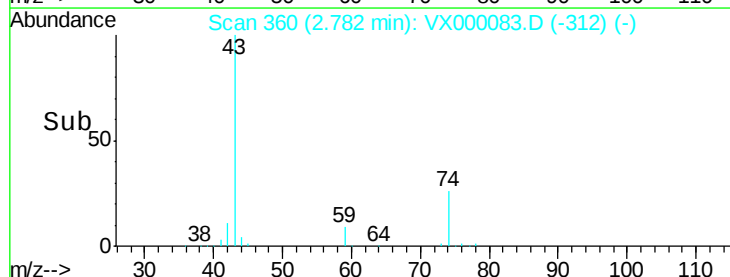
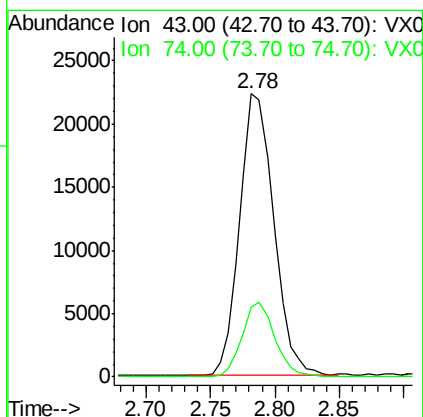
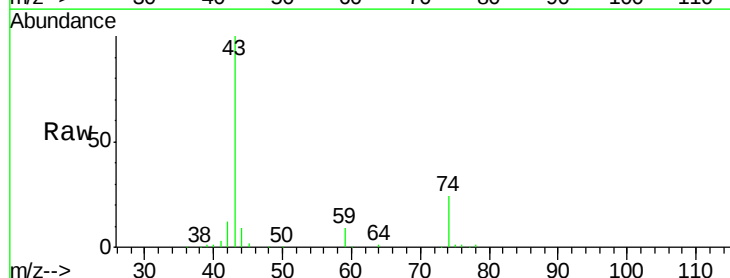
Instrument :
ClientSampleId :
VX0213WBSD01

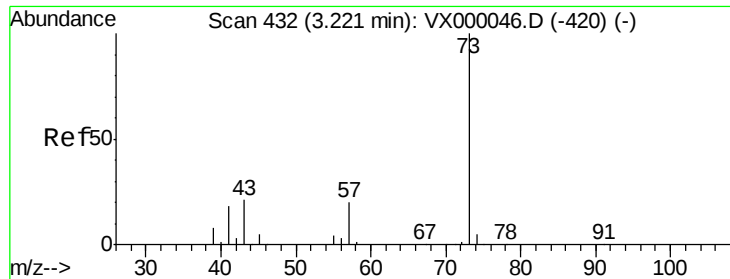
Tgt Ion: 76 Resp: 58980
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 24.86 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion: 43 Resp: 40918
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.4

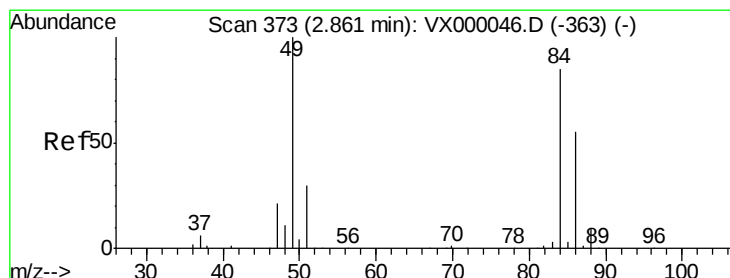
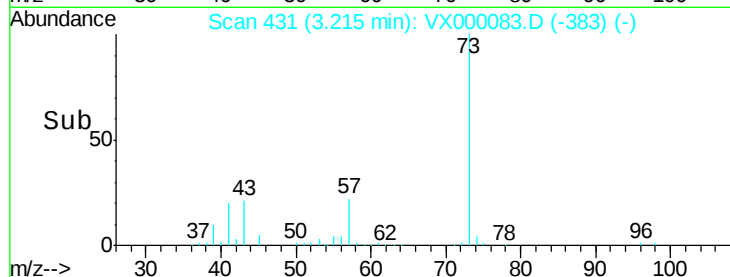
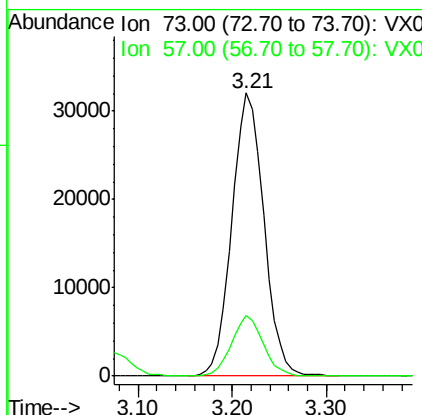
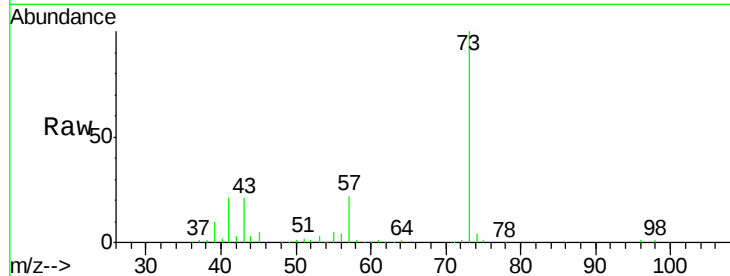




#19
Methyl tert-butyl Ether
Concen: 21.71 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

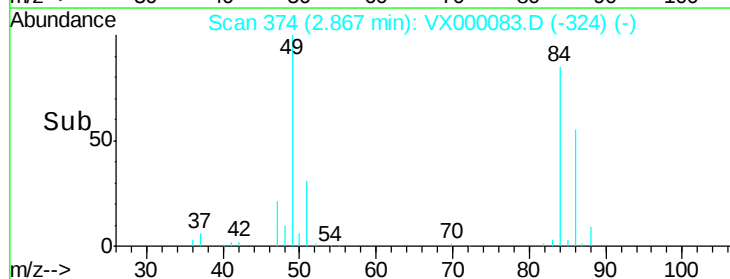
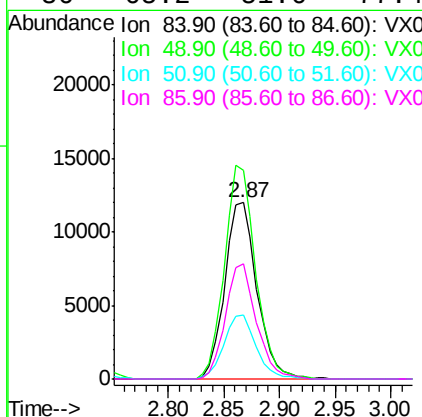
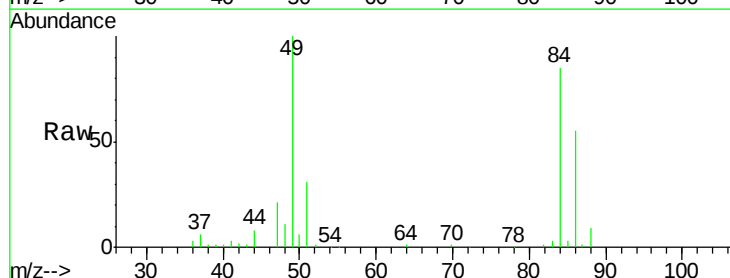
Instrument :
ClientSampled :
VX0213WBSD01

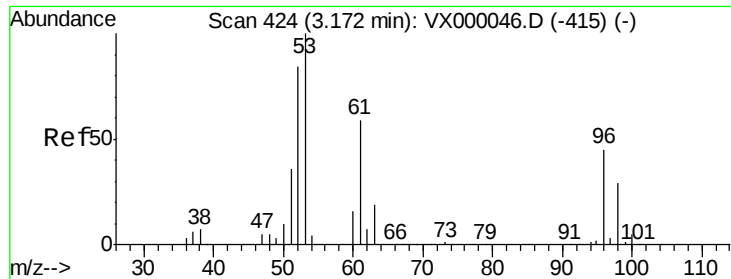
Tgt Ion: 73 Resp: 76071
Ion Ratio Lower Upper
73 100
57 21.5 16.2 24.4



#20
Methylene Chloride
Concen: 21.98 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion: 84 Resp: 24025
Ion Ratio Lower Upper
84 100
49 117.9 94.4 141.6
51 36.4 28.3 42.5
86 65.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 21.09 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

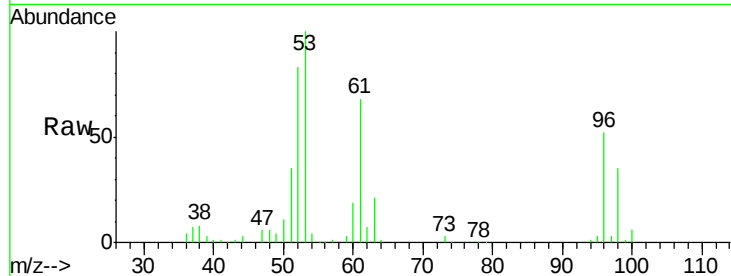
Tgt Ion: 96 Resp: 23242

Ion Ratio Lower Upper

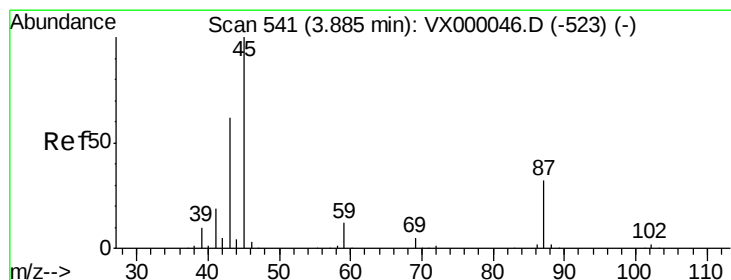
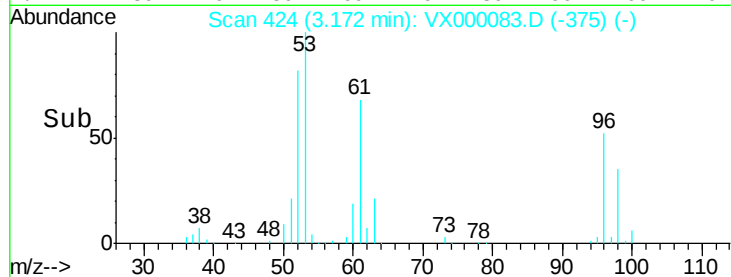
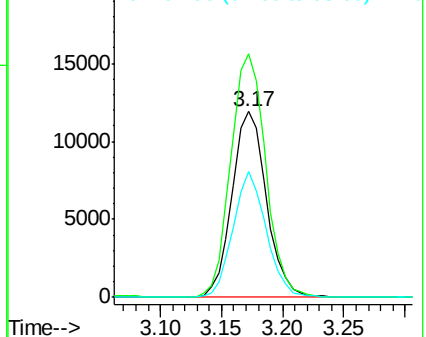
96 100

61 131.2 104.9 157.3

98 67.5 52.4 78.6



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



#22

Diisopropyl ether

Concen: 20.92 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion: 45 Resp: 61633

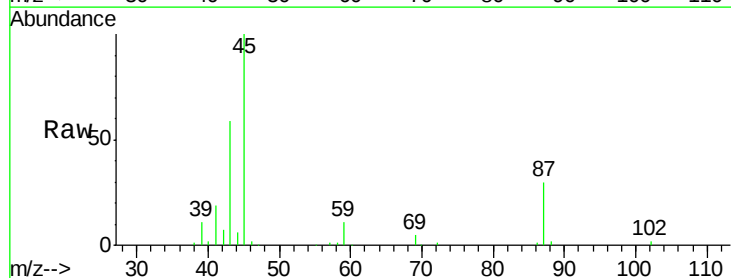
Ion Ratio Lower Upper

45 100

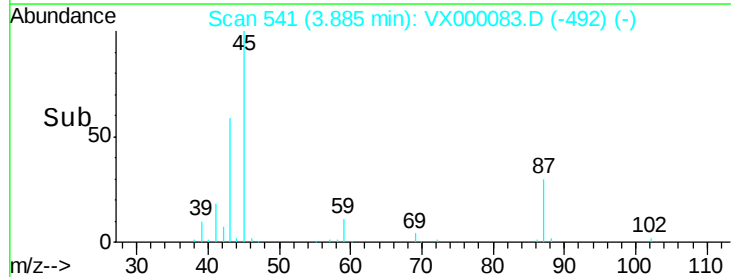
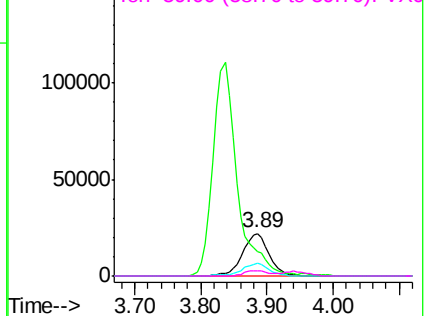
43 57.7 49.6 74.4

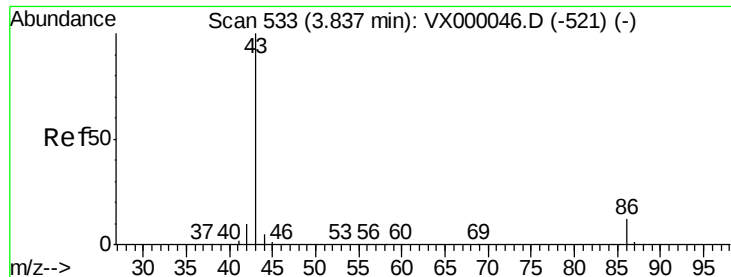
87 29.9 25.9 38.9

59 11.2 9.2 13.8



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





#23

Vinyl Acetate

Concen: 107.16 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

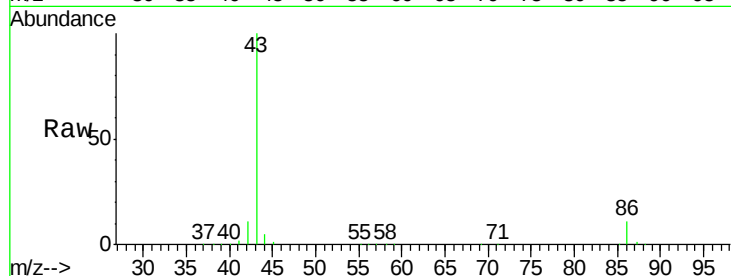
VX0213WBSD01

Tgt Ion: 43 Resp: 285367

Ion Ratio Lower Upper

43 100

86 10.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

120000

100000

80000

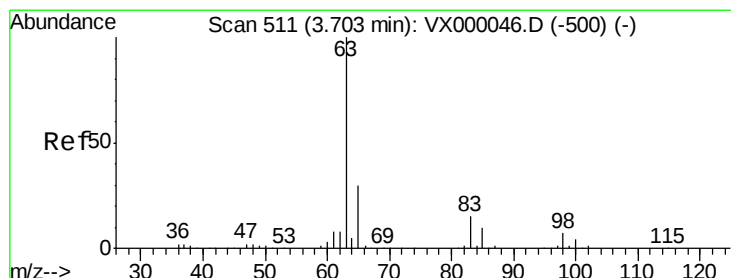
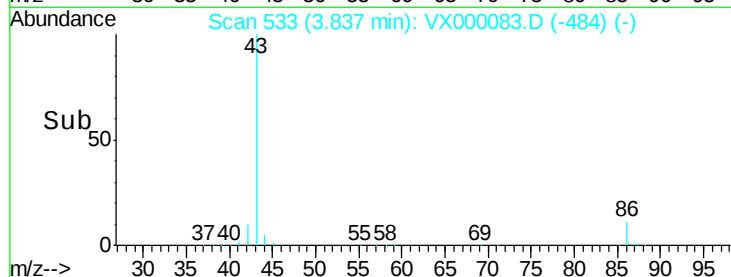
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.13 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

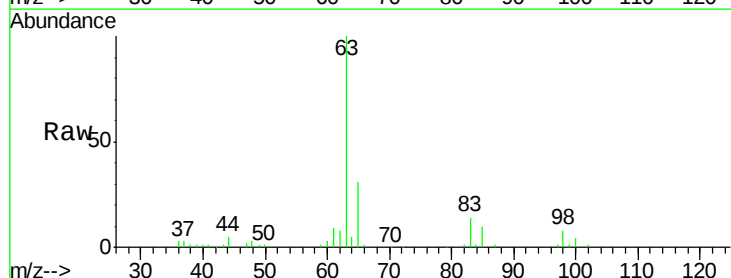
Tgt Ion: 63 Resp: 38700

Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.9

100 4.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.71

20000

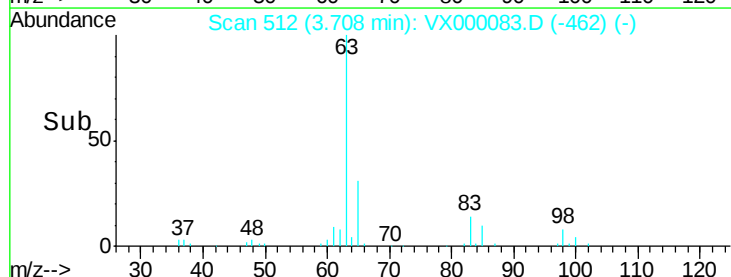
15000

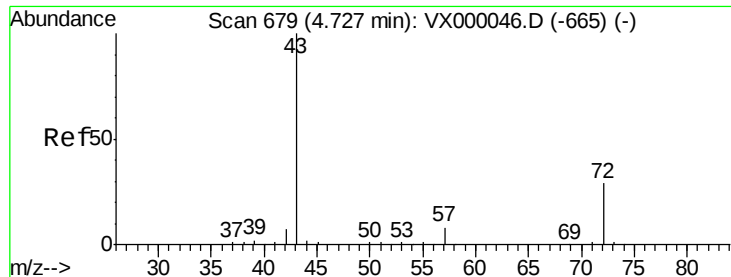
10000

5000

0

Time-->





#25

2-Butanone

Concen: 123.23 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

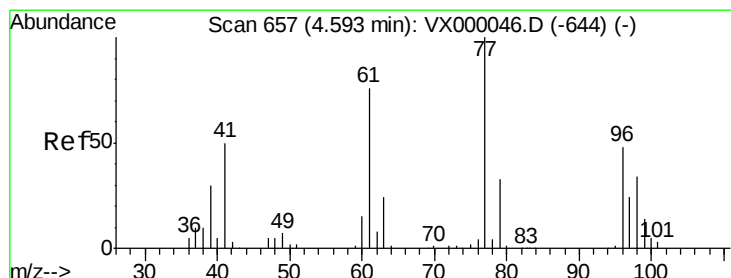
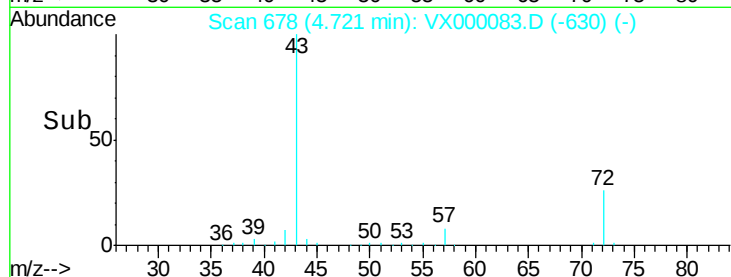
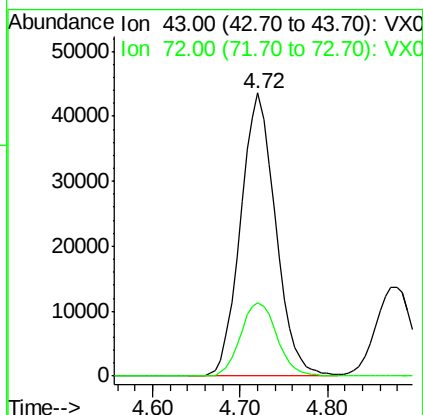
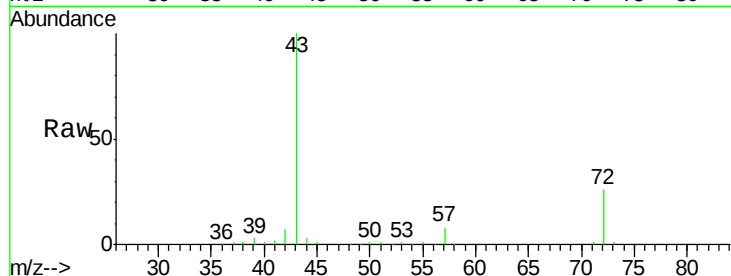
Instrument :
ClientSampled :
VX0213WBSD01

Tgt Ion: 43 Resp: 121397

Ion Ratio Lower Upper

43 100

72 25.8 23.0 34.6



#26

2,2-Dichloropropane

Concen: 20.71 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000083.D

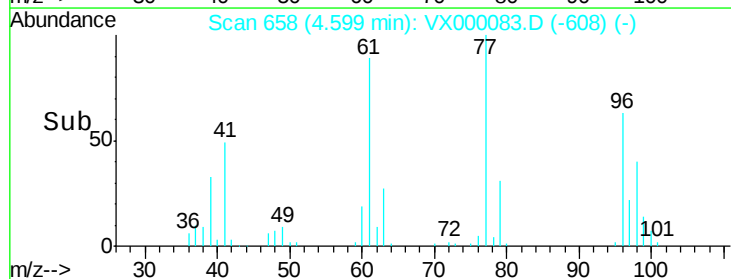
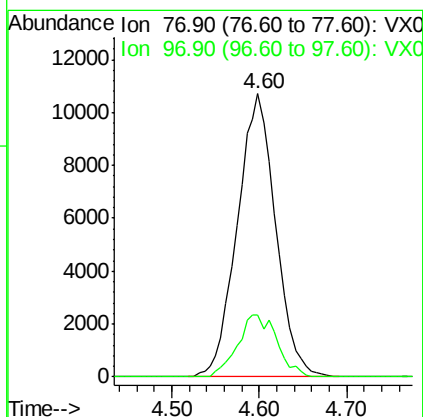
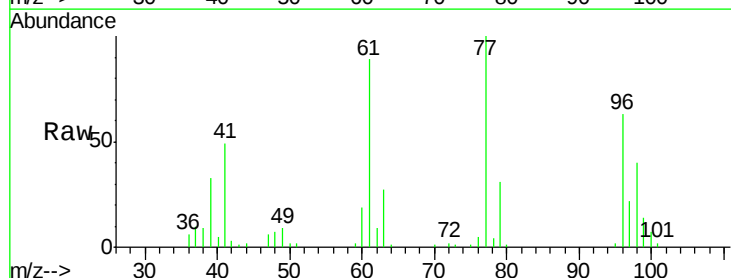
Acq: 13 Feb 2018 18:41

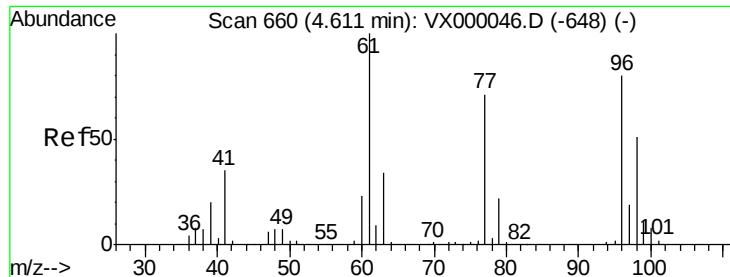
Tgt Ion: 77 Resp: 32488

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 21.28 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

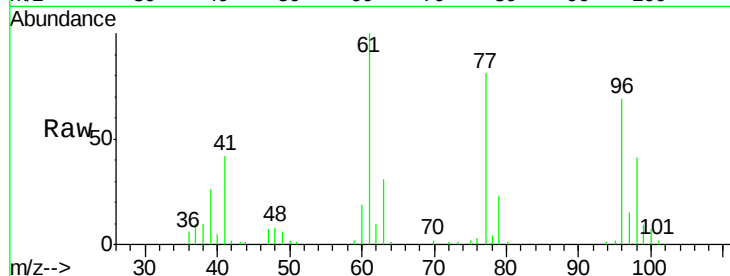
Tgt Ion: 96 Resp: 22985

Ion Ratio Lower Upper

96 100

61 141.2 0.0 274.4

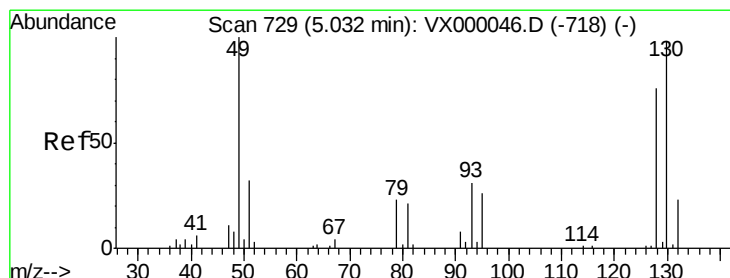
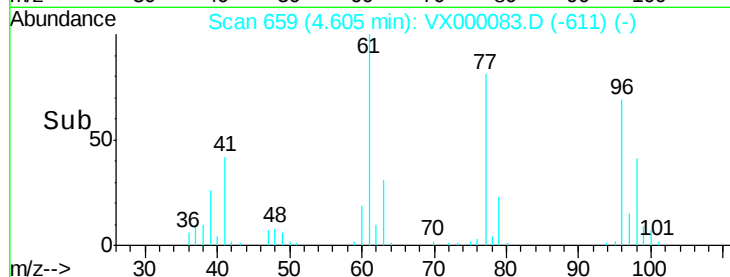
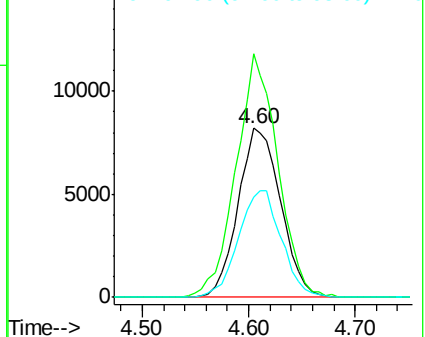
98 63.6 0.0 132.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 21.76 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

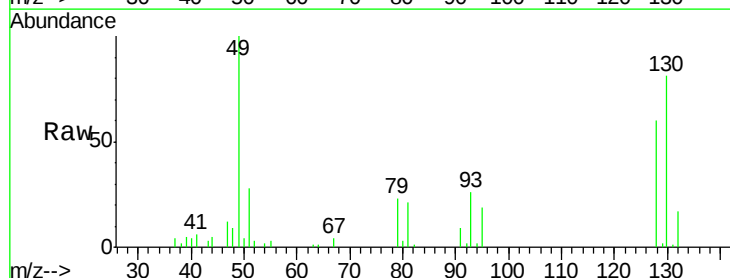
Tgt Ion: 49 Resp: 13212

Ion Ratio Lower Upper

49 100

129 0.7 0.0 5.0

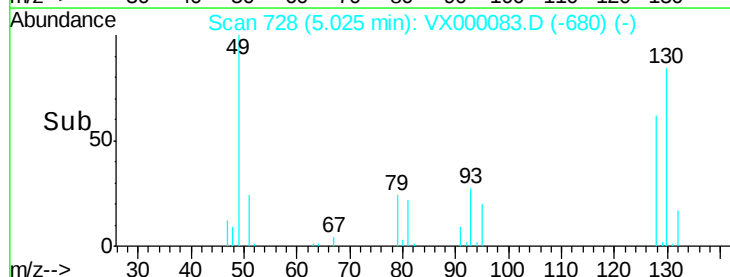
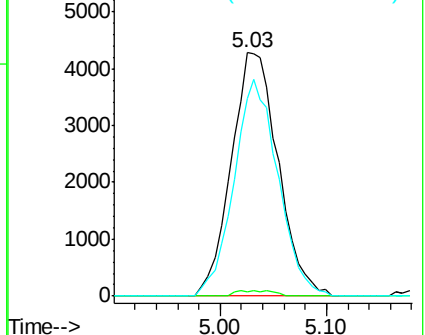
130 83.8 75.6 113.4

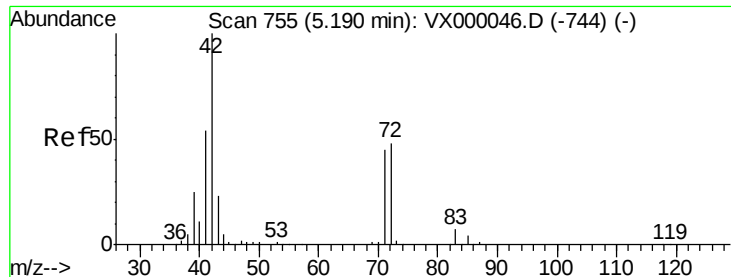


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

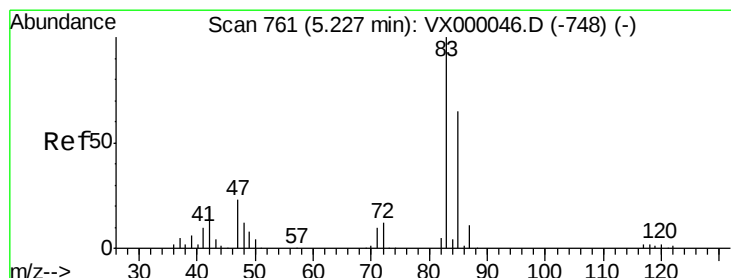
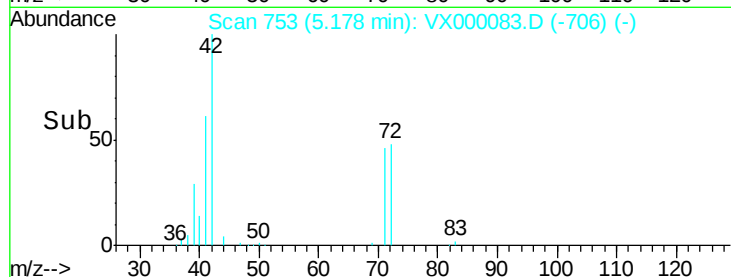
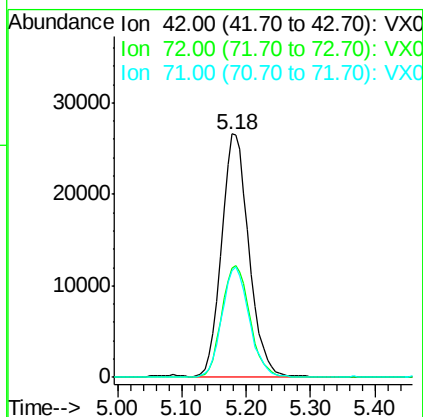
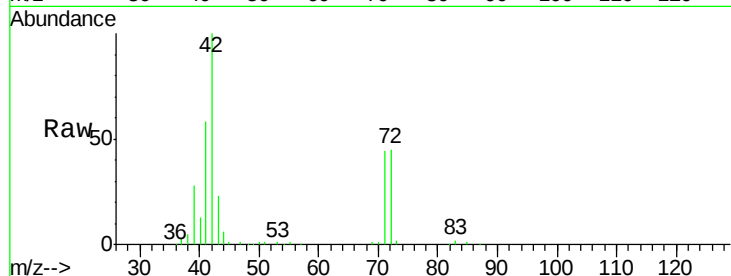




#29
Tetrahydrofuran
Concen: 118.46 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

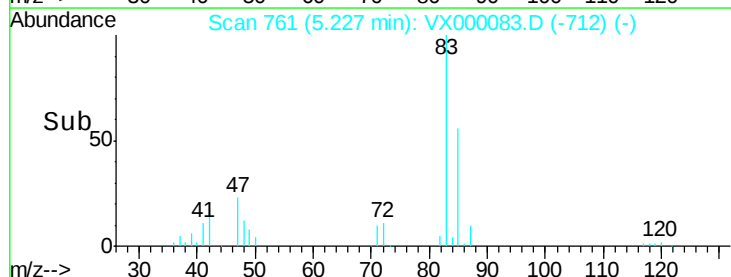
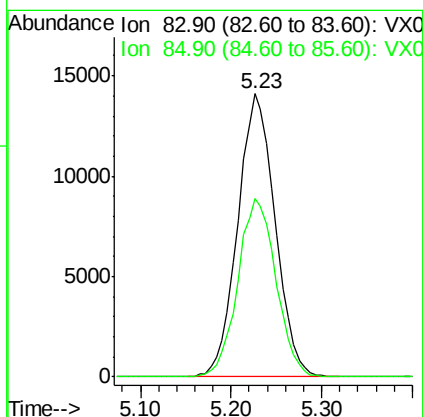
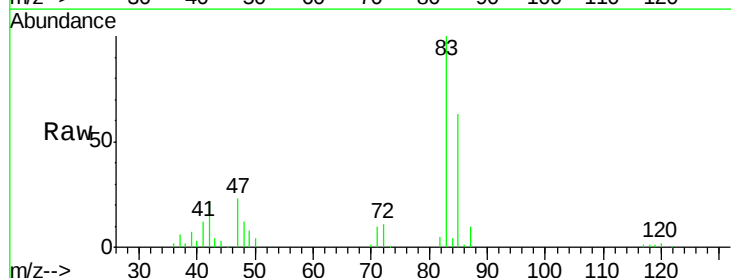
Instrument :
ClientSampleId :
VX0213WBSD01

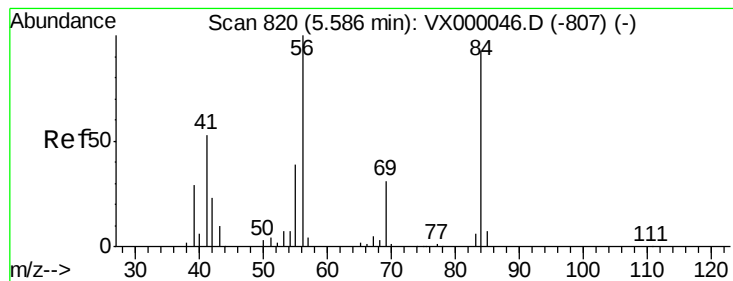
Tgt Ion: 42 Resp: 79967
Ion Ratio Lower Upper
42 100
72 47.0 39.0 58.6
71 45.0 36.7 55.1



#30
Chloroform
Concen: 21.79 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion: 83 Resp: 40211
Ion Ratio Lower Upper
83 100
85 63.0 51.9 77.9





#31

Cyclohexane

Concen: 20.88 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

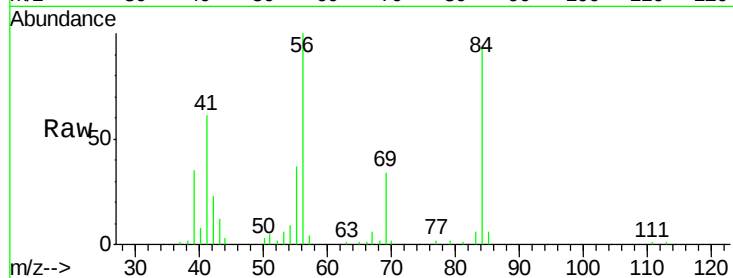
Tgt Ion: 56 Resp: 31405

Ion Ratio Lower Upper

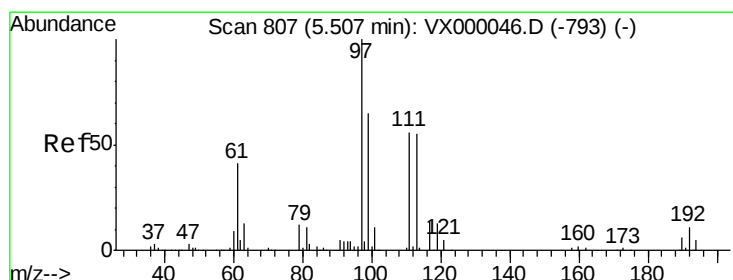
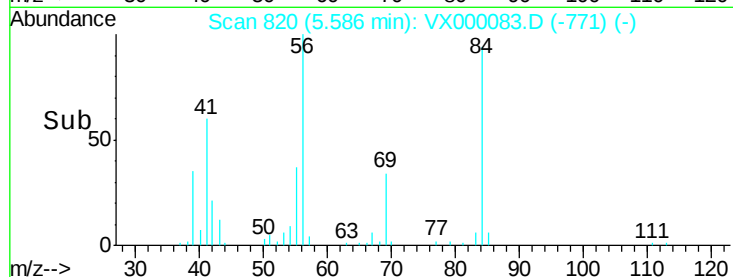
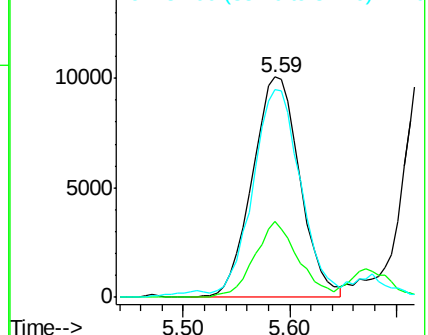
56 100

69 34.2 24.5 36.7

84 91.3 74.8 112.2



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: 21.25 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

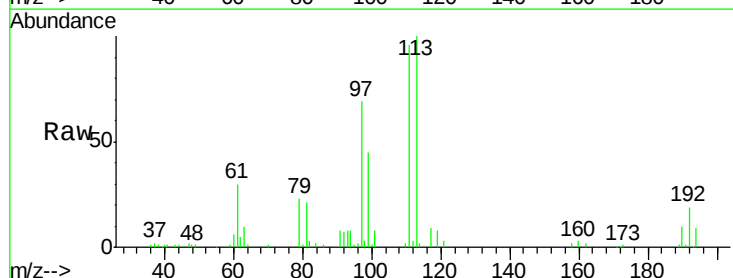
Tgt Ion: 97 Resp: 36920

Ion Ratio Lower Upper

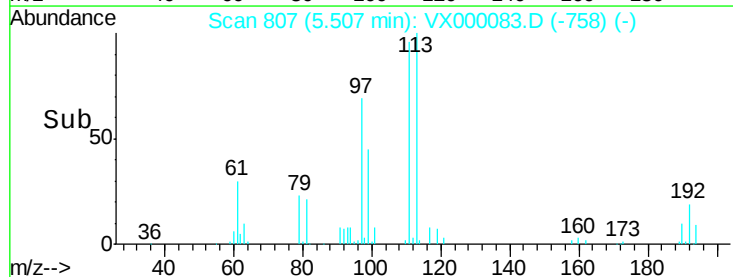
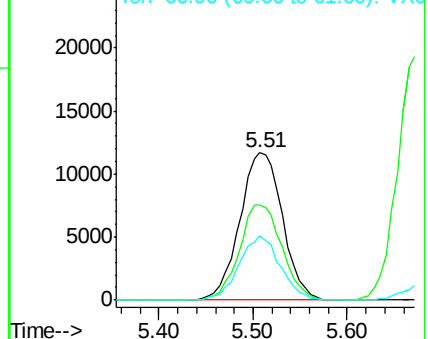
97 100

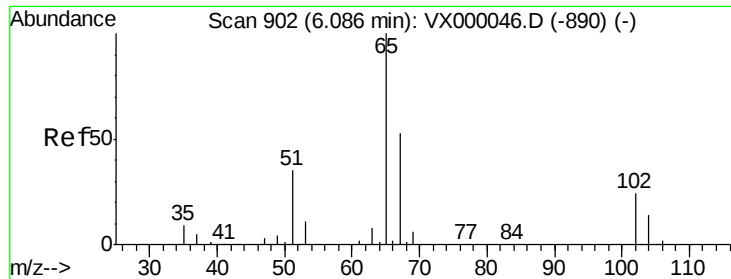
99 64.5 50.8 76.2

61 41.9 32.1 48.1



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

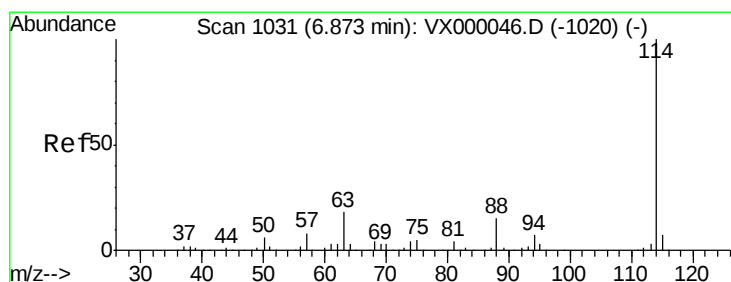
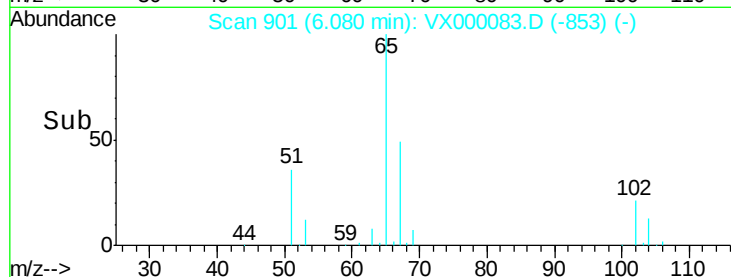
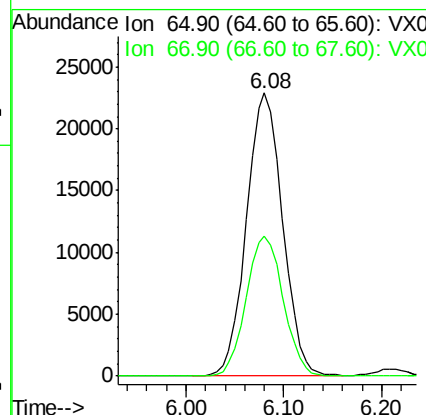
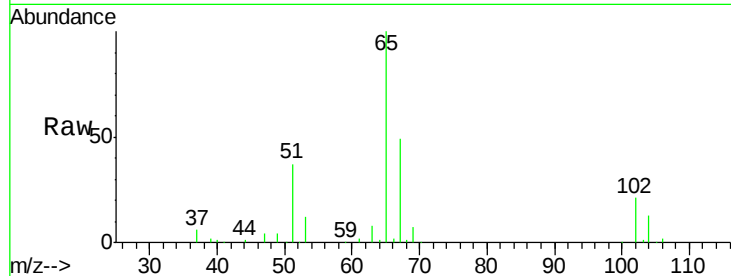




#33
 1,2-Dichloroethane-d4
 Concen: 53.31 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

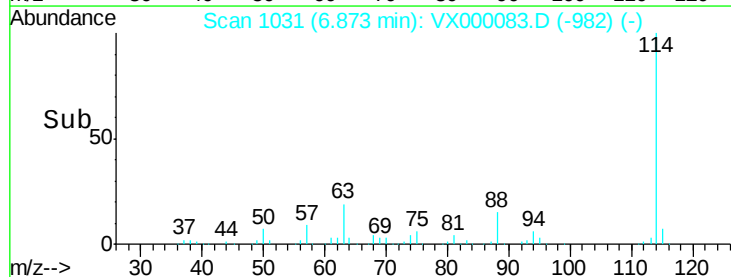
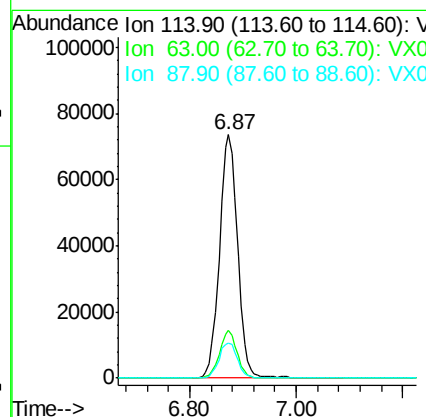
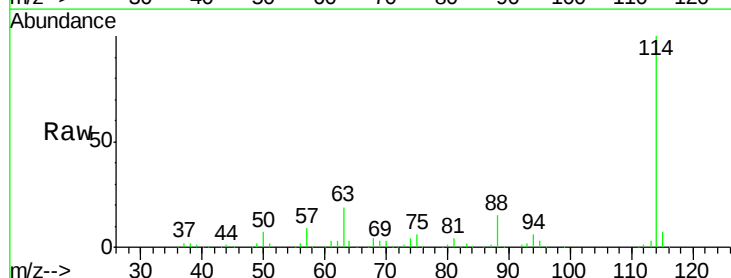
Instrument :
 ClientSampled :
 VX0213WBSD01

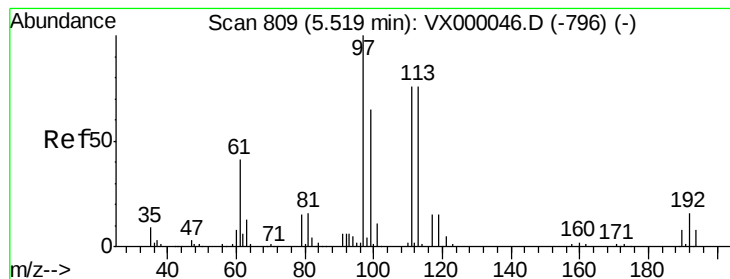
Tgt Ion: 65 Resp: 58774
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 114 Resp: 174398
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 36.0
 88 14.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.41 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampleId :

VX0213WBSD01

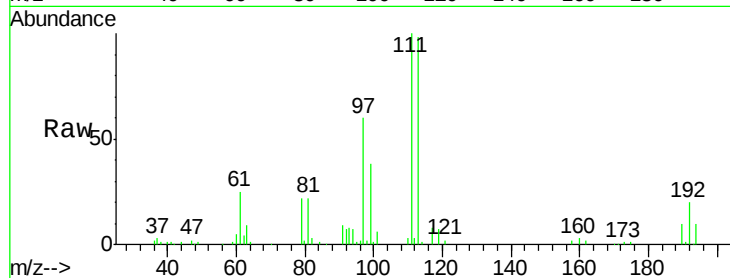
Tgt Ion:113 Resp: 50316

Ion Ratio Lower Upper

113 100

111 102.8 80.5 120.7

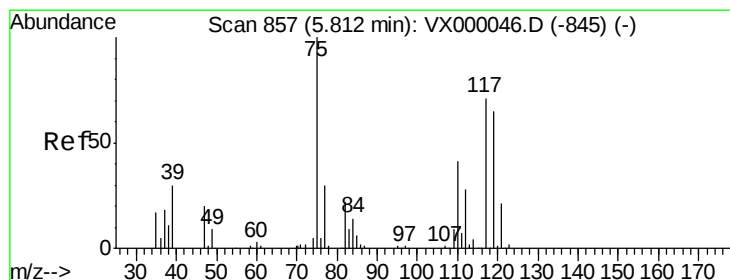
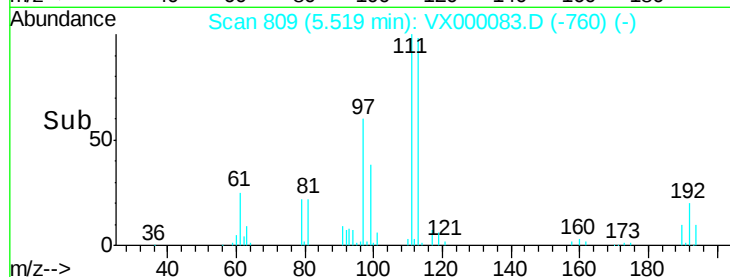
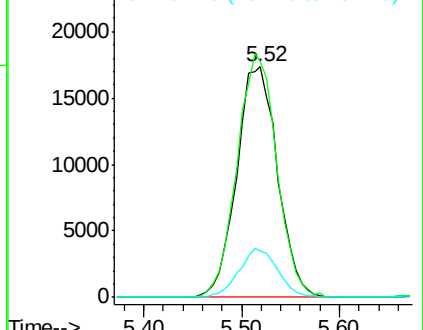
192 20.0 16.9 25.3



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: 19.53 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

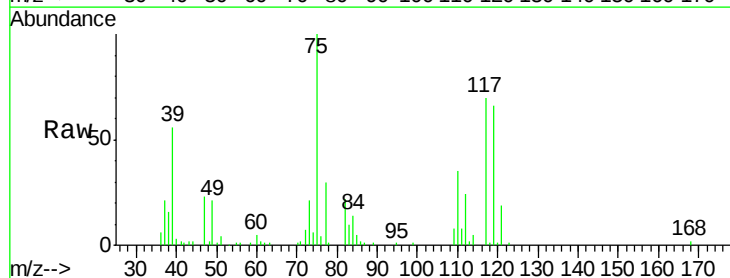
Tgt Ion: 75 Resp: 29659

Ion Ratio Lower Upper

75 100

110 36.6 19.4 58.4

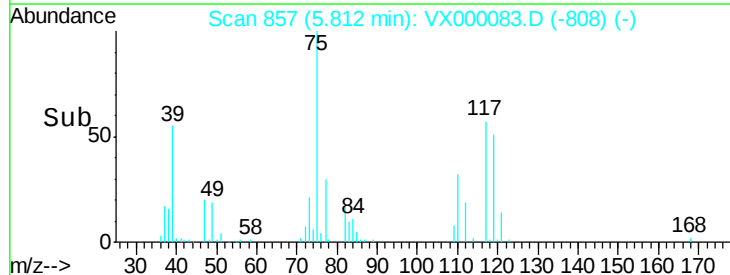
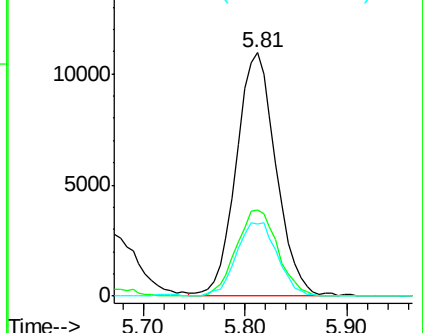
77 31.1 24.2 36.4

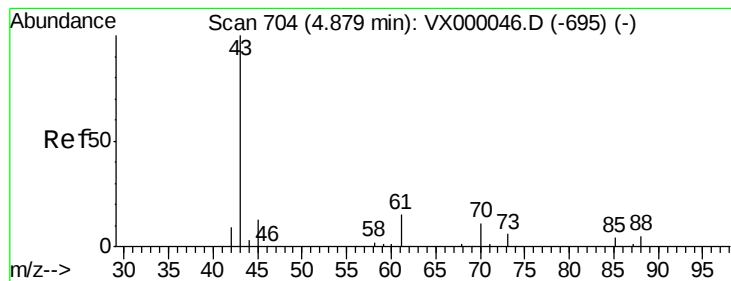


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.93 ug/l

RT: 4.88 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

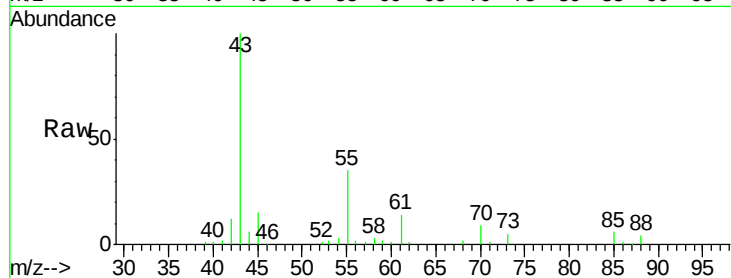
Tgt Ion: 43 Resp: 41044

Ion Ratio Lower Upper

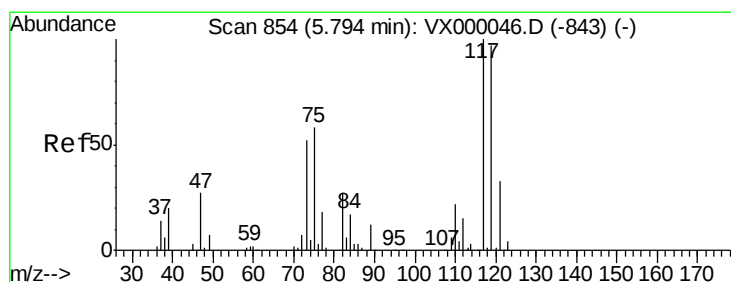
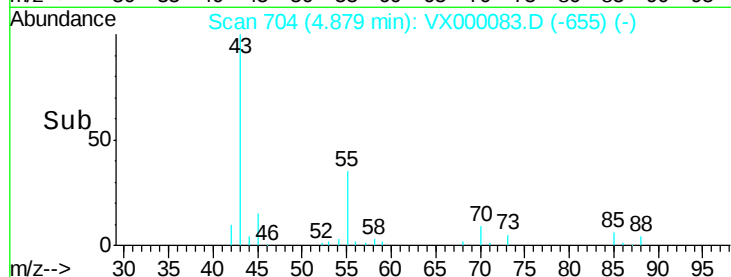
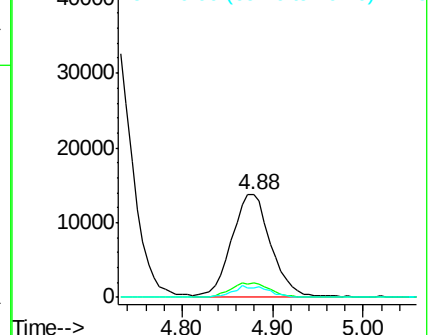
43 100

61 14.2 11.4 17.2

70 10.1 9.0 13.6



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



#38

Carbon Tetrachloride

Concen: 19.08 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

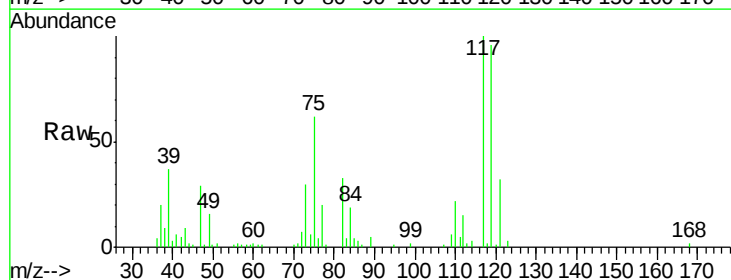
Tgt Ion: 117 Resp: 32524

Ion Ratio Lower Upper

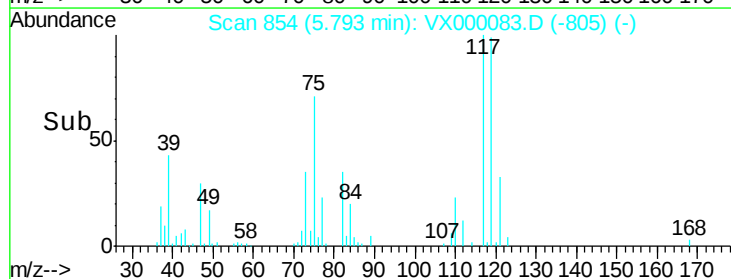
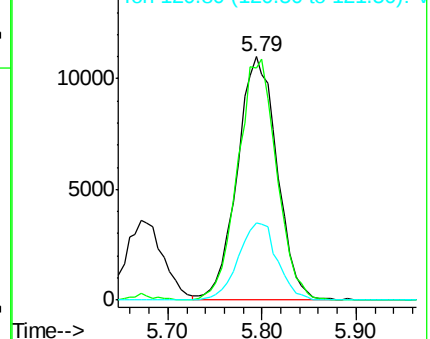
117 100

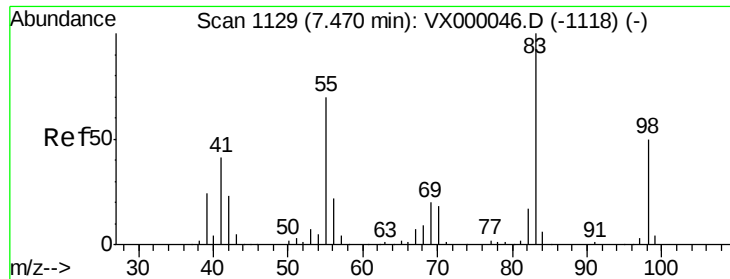
119 95.5 76.9 115.3

121 31.9 25.8 38.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

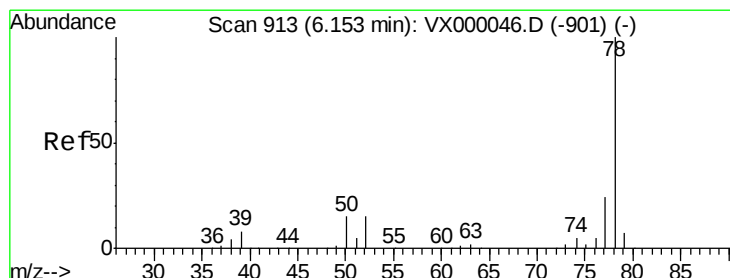
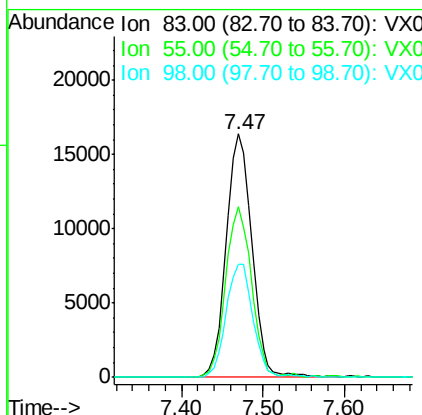
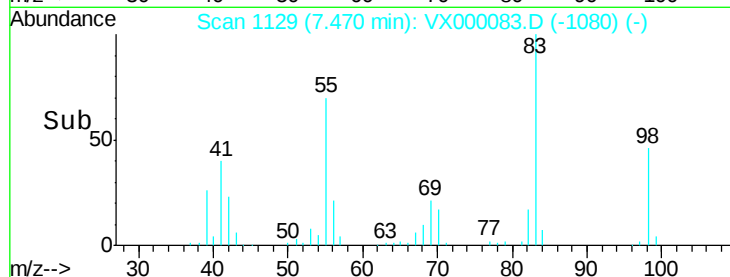
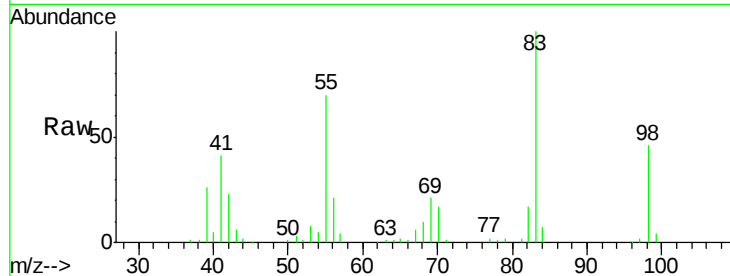




#39
Methylcyclohexane
Concen: 19.37 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

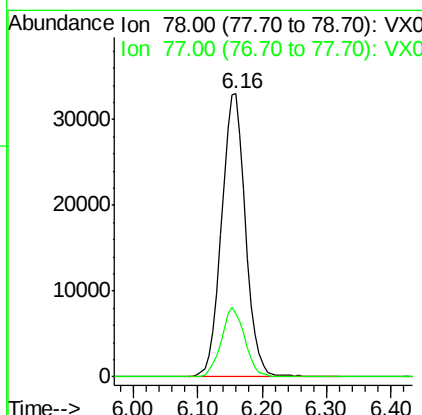
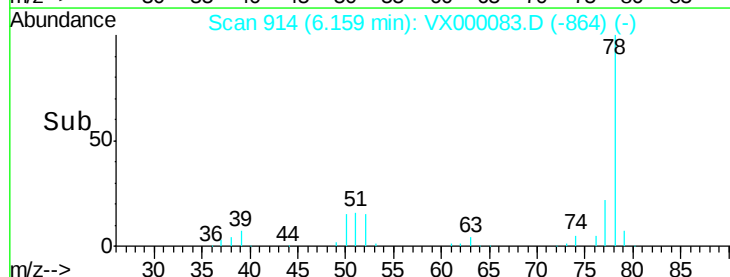
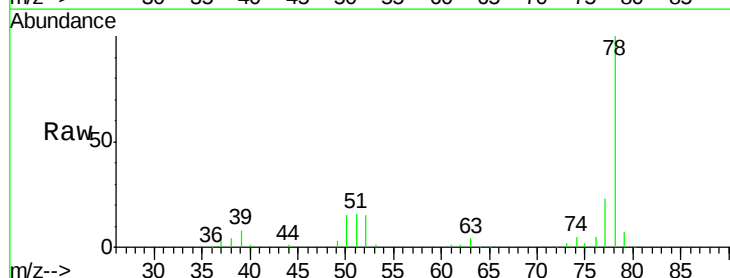
Instrument :
ClientSampled :
VX0213WBSD01

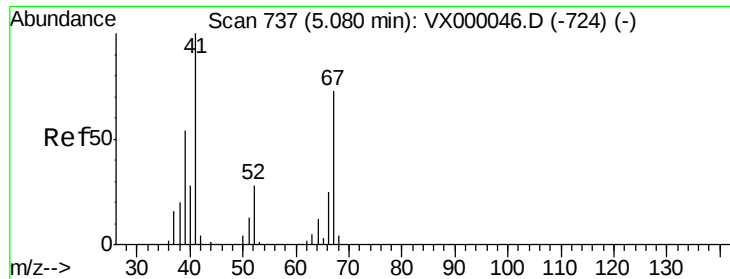
Tgt Ion: 83 Resp: 35700
Ion Ratio Lower Upper
83 100
55 70.0 55.7 83.5
98 46.3 39.7 59.5



#40
Benzene
Concen: 20.23 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion: 78 Resp: 86829
Ion Ratio Lower Upper
78 100
77 22.5 19.4 29.2





#41

Methacrylonitrile

Concen: 21.46 ug/l

RT: 5.07 min Scan# 736

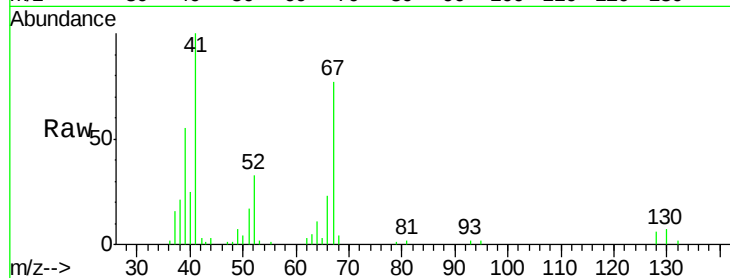
Delta R.T. -0.01 min

Lab File: VX000083.D

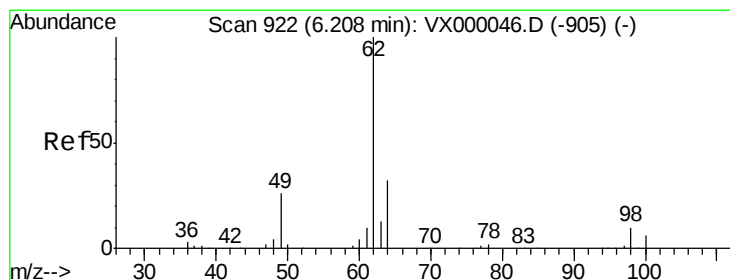
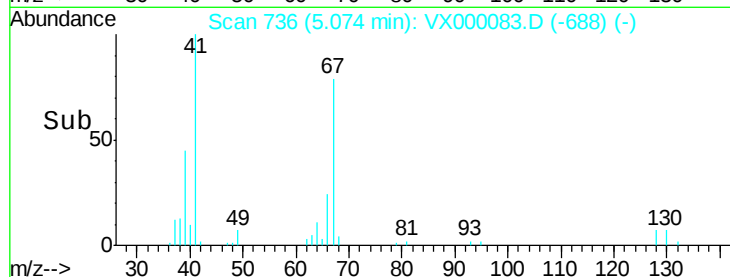
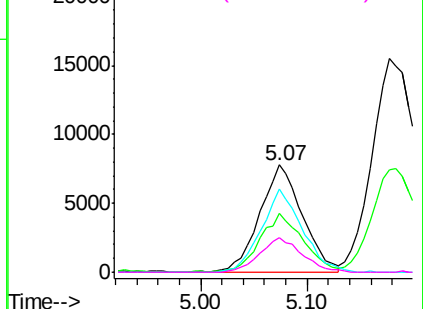
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tgt Ion:	41	Resp:	21612
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.8
67	73.8	60.6	91.0
52	32.1	25.4	38.2



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: 21.37 ug/l

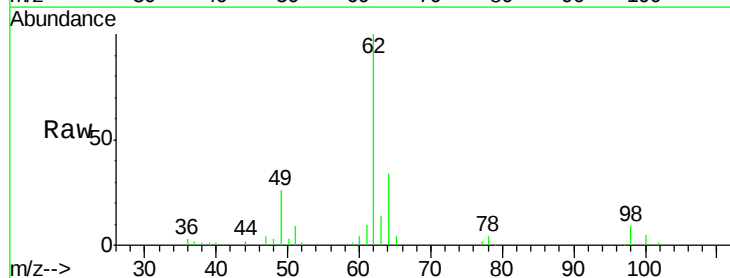
RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

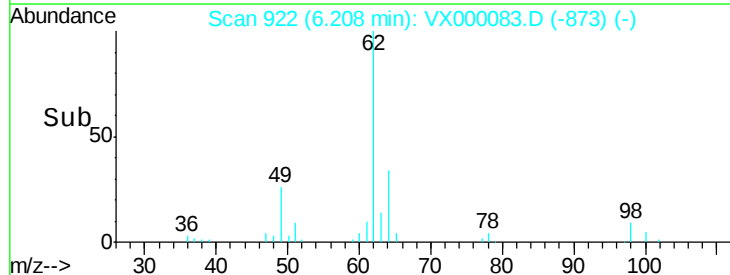
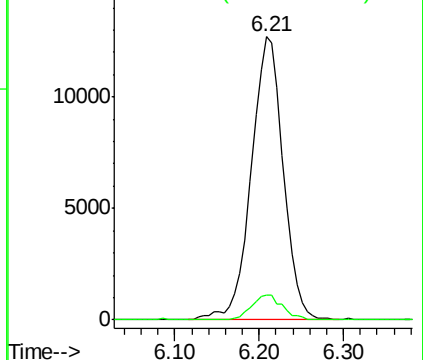
Lab File: VX000083.D

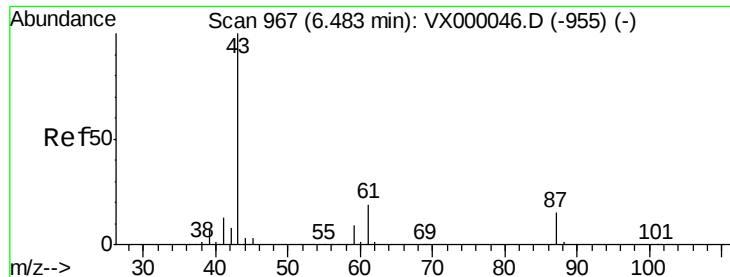
Acq: 13 Feb 2018 18:41

Tgt Ion:	62	Resp:	32763
Ion	Ratio	Lower	Upper
62	100		
98	8.5	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: 20.54 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampleId :

VX0213WBSD01

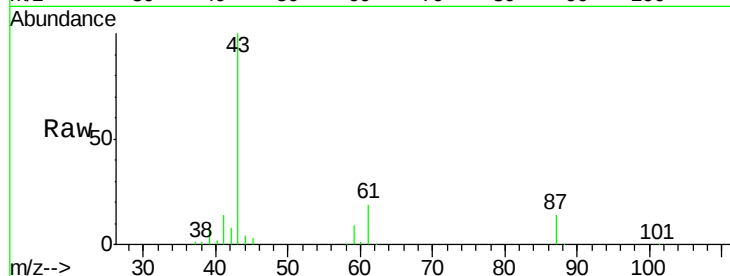
Tgt Ion: 43 Resp: 60715

Ion Ratio Lower Upper

43 100

61 19.8 15.9 23.9

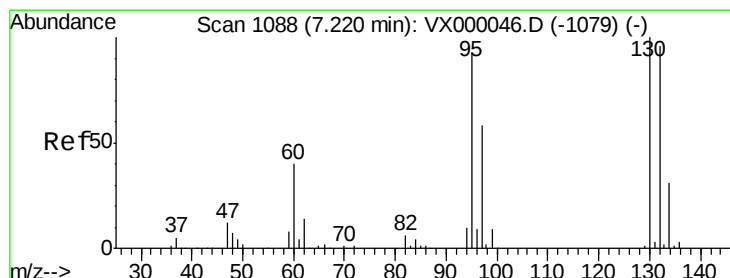
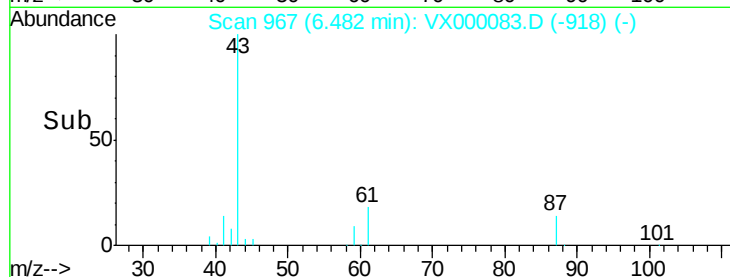
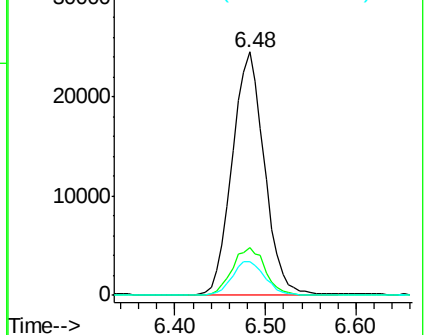
87 14.2 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.90 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000083.D

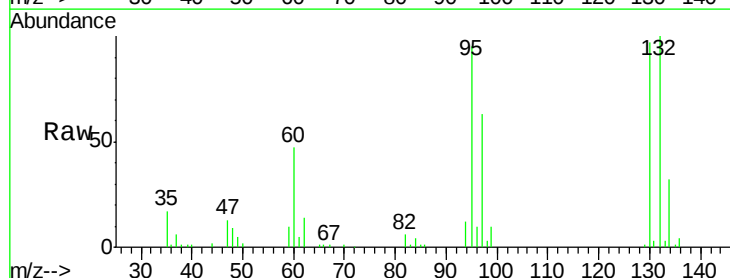
Acq: 13 Feb 2018 18:41

Tgt Ion: 130 Resp: 25097

Ion Ratio Lower Upper

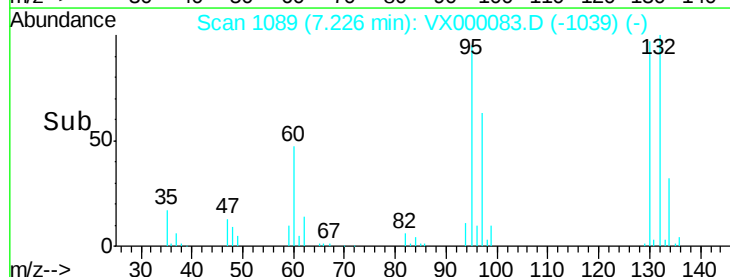
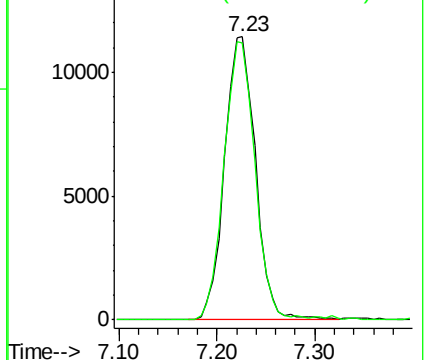
130 100

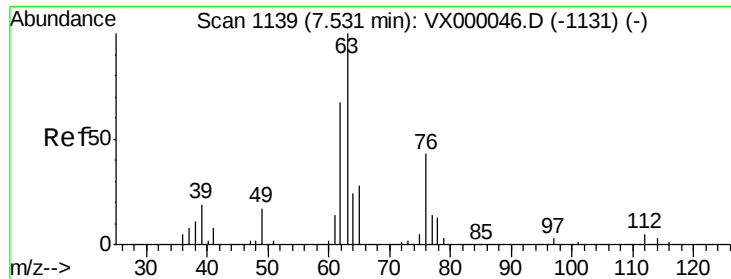
95 97.8 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.70 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

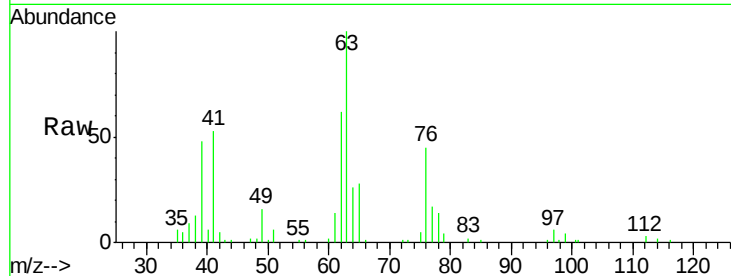
VX0213WBSD01

Tgt Ion: 63 Resp: 21595

Ion Ratio Lower Upper

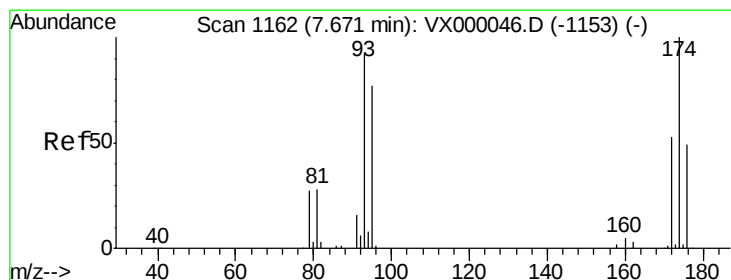
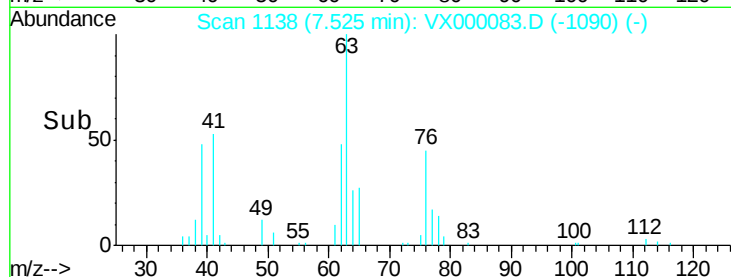
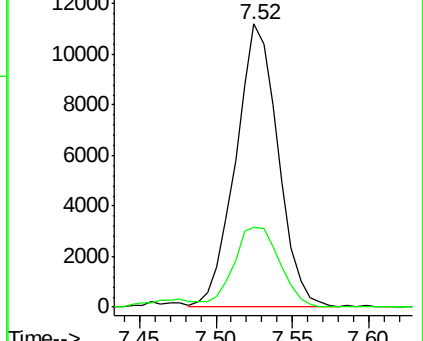
63 100

65 28.4 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: 20.41 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

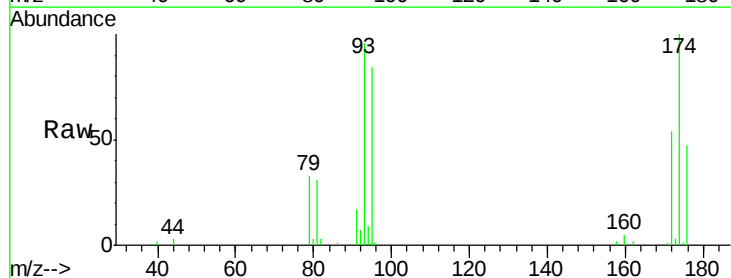
Tgt Ion: 93 Resp: 16436

Ion Ratio Lower Upper

93 100

95 83.6 66.3 99.5

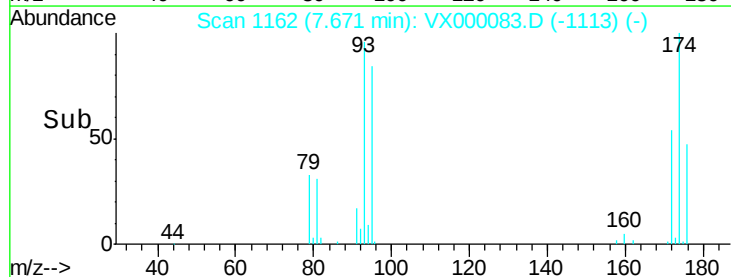
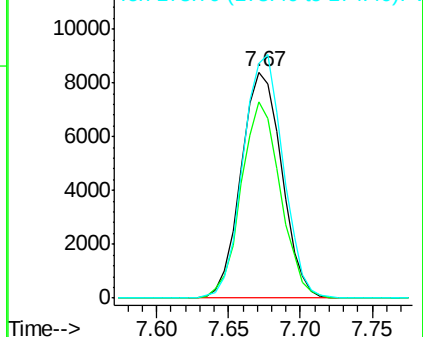
174 106.0 90.4 135.6

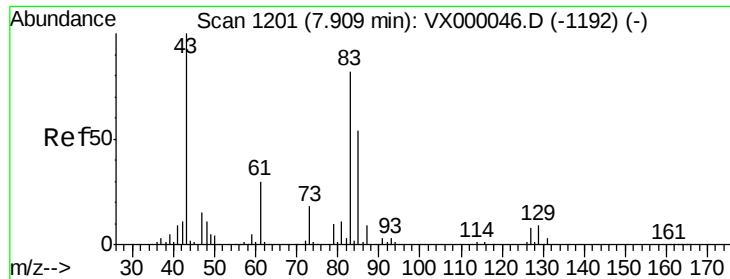


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.04 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

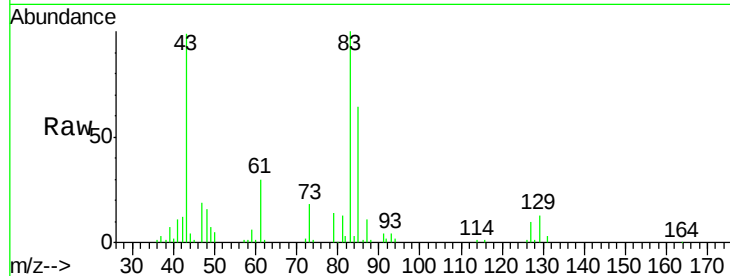
Tgt Ion: 83 Resp: 31382

Ion Ratio Lower Upper

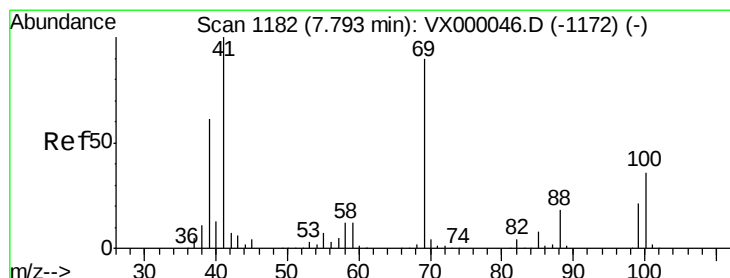
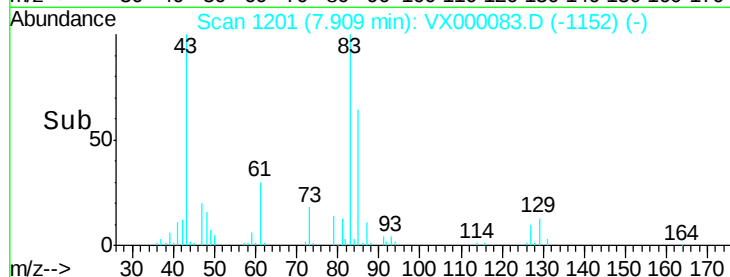
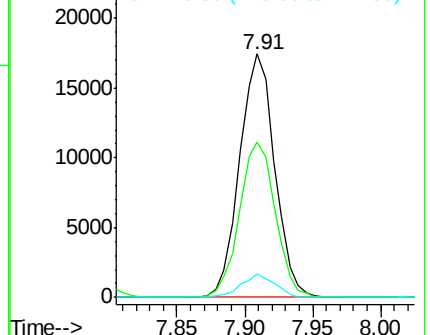
83 100

85 63.7 52.3 78.5

127 9.7 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.24 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

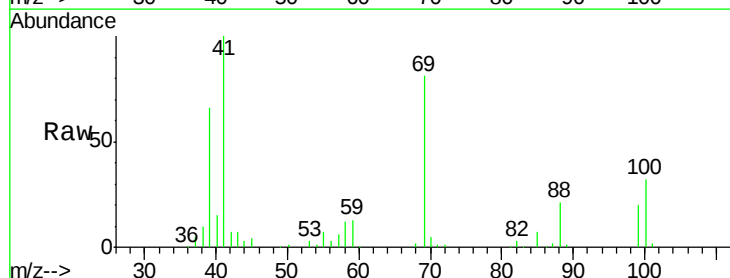
Tgt Ion: 41 Resp: 29368

Ion Ratio Lower Upper

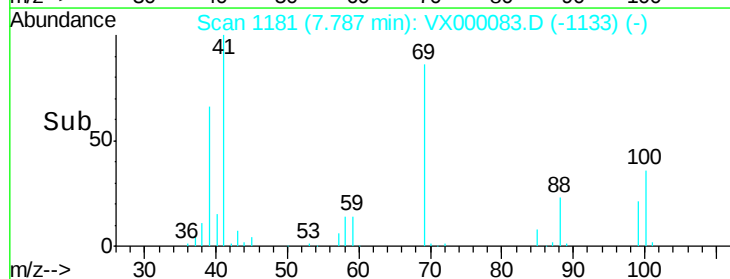
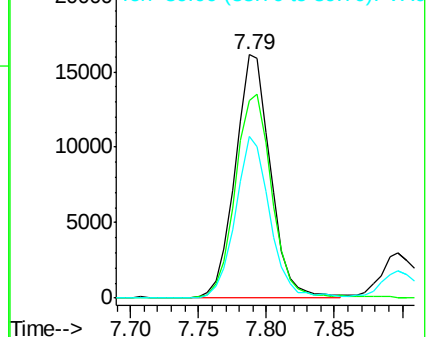
41 100

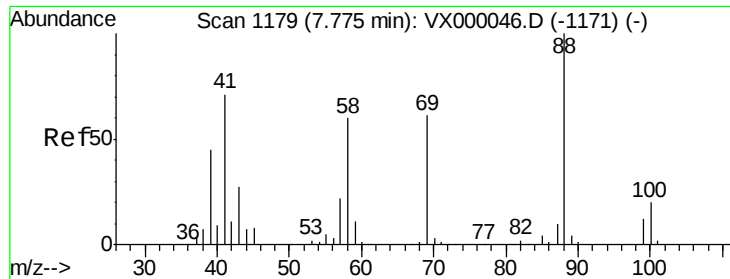
69 87.0 72.1 108.1

39 64.4 49.6 74.4



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

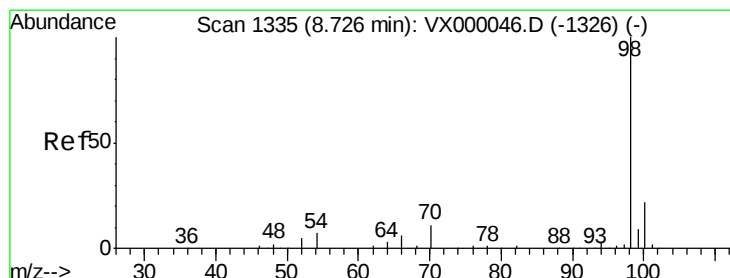
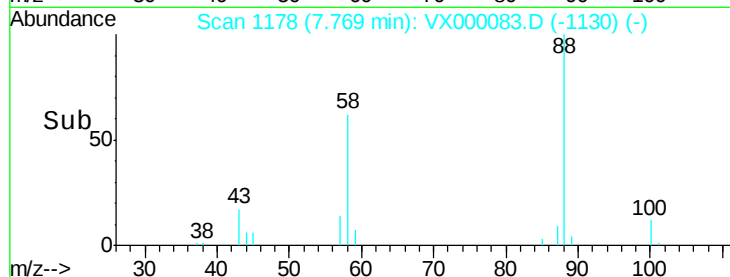
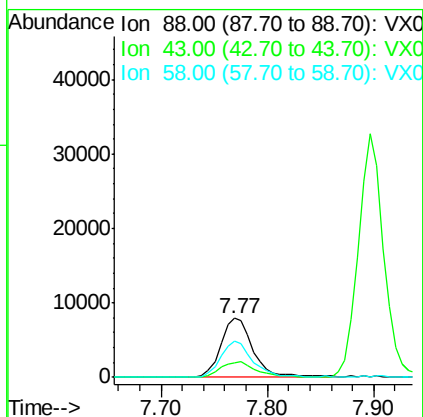
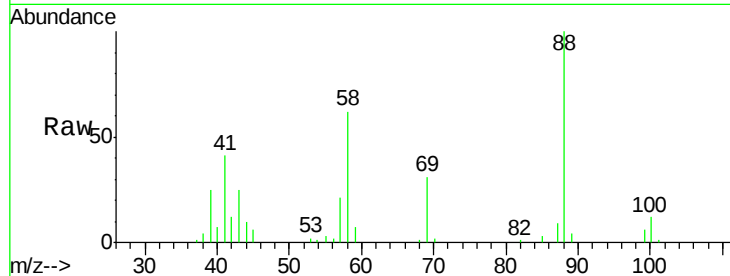




#49
1,4-Dioxane
Concen: 434.47 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

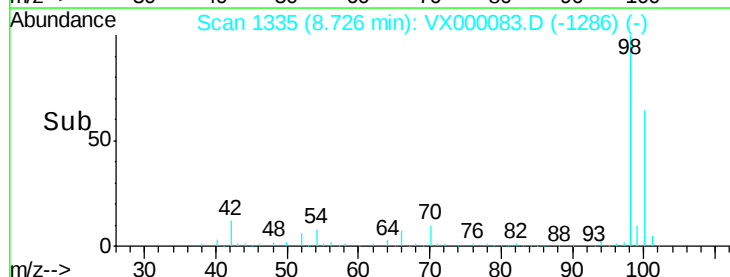
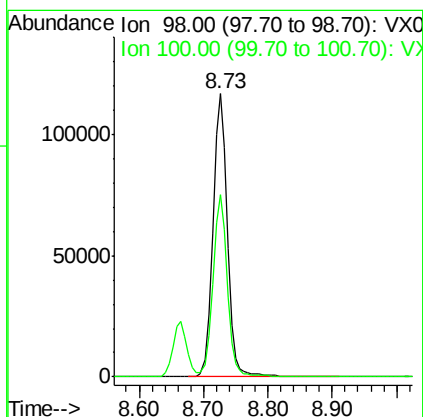
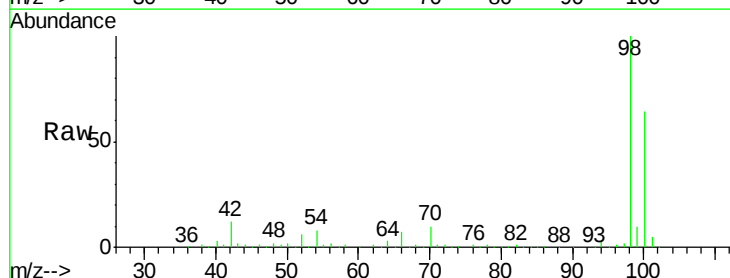
Instrument :
ClientSampled :
VX0213WBSD01

Tgt Ion: 88 Resp: 16794
Ion Ratio Lower Upper
88 100
43 29.9 22.6 33.8
58 60.3 49.4 74.2



#50
Toluene-d8
Concen: 48.65 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion: 98 Resp: 184378
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

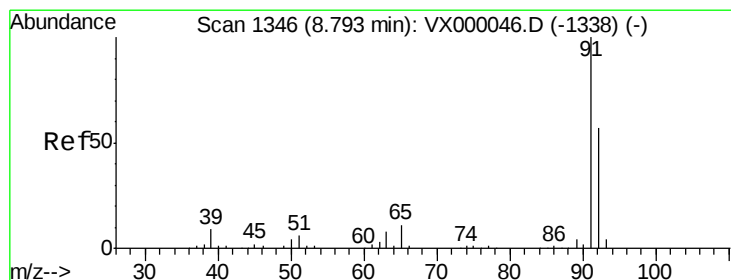
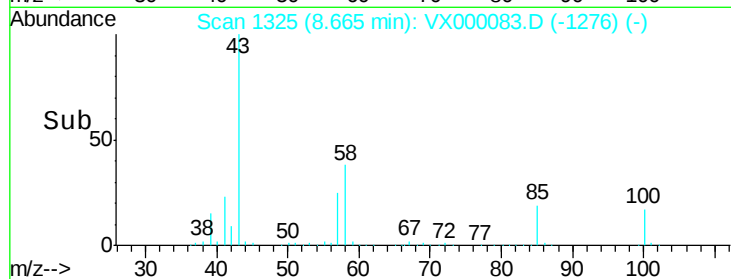
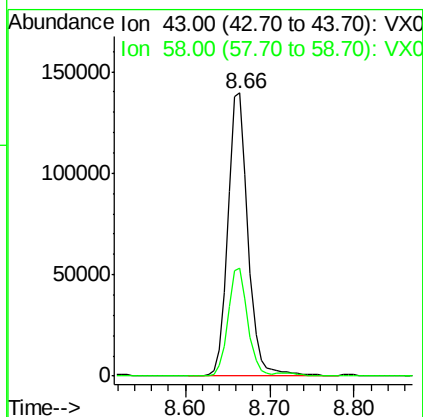
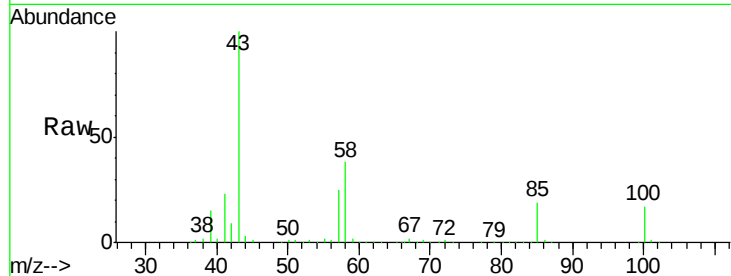




#51
 4-Methyl-2-Pentanone
 Concen: 111.68 ug/l
 RT: 8.66 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

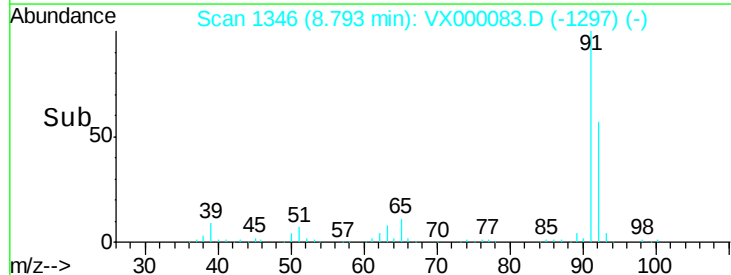
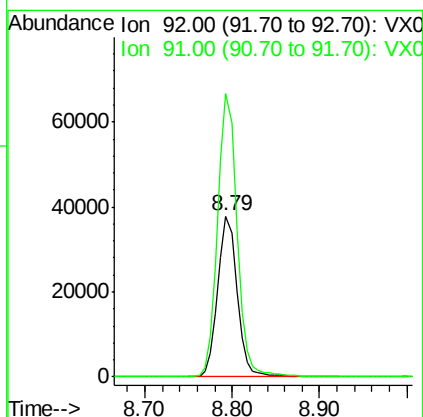
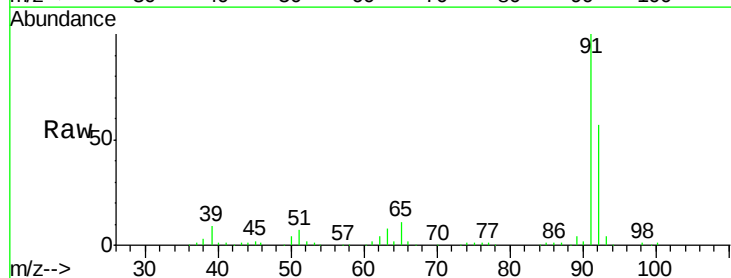
Instrument :
 ClientSampled :
 VX0213WBSD01

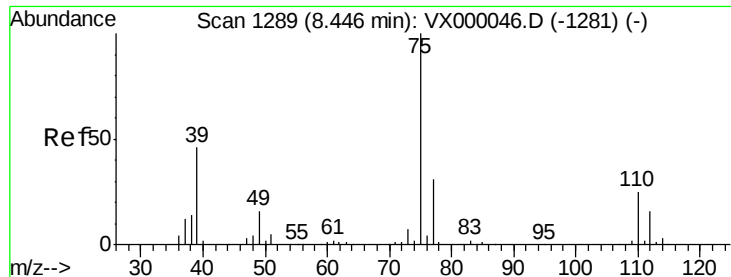
Tgt Ion: 43 Resp: 230056
 Ion Ratio Lower Upper
 43 100
 58 36.8 32.1 48.1



#52
 Toluene
 Concen: 20.33 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 92 Resp: 58598
 Ion Ratio Lower Upper
 92 100
 91 176.2 139.8 209.6

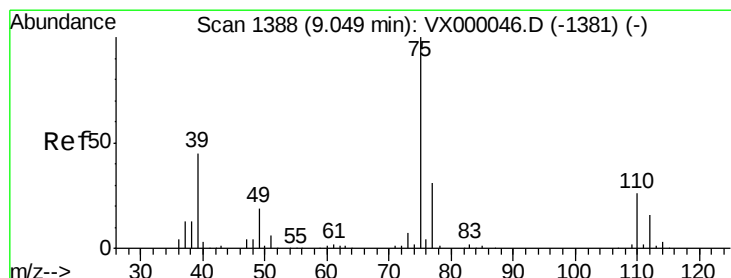
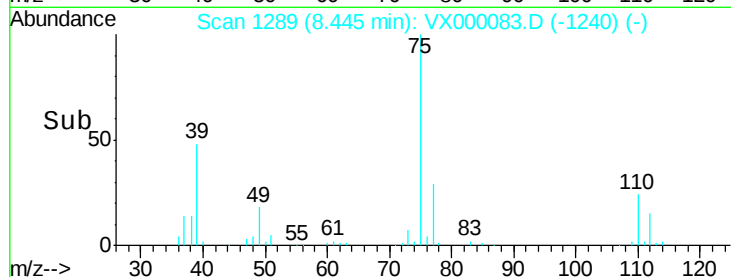
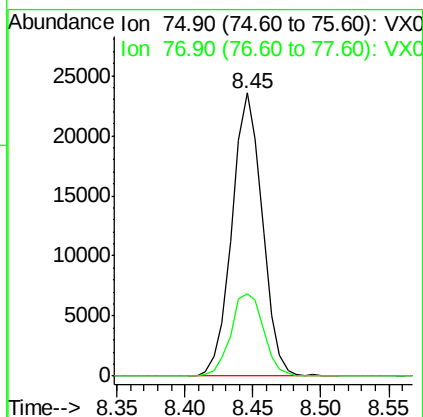
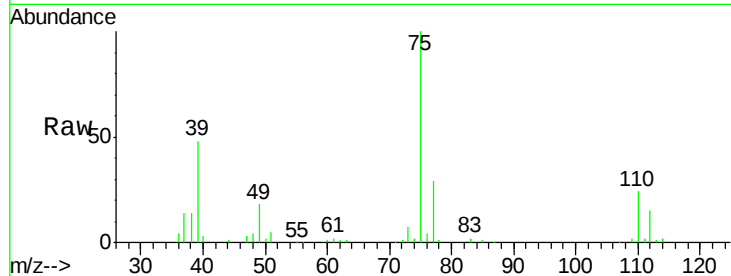




#53
 t-1,3-Dichloropropene
 Concen: 19.96 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

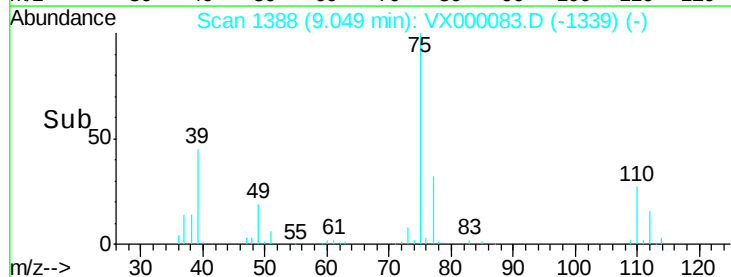
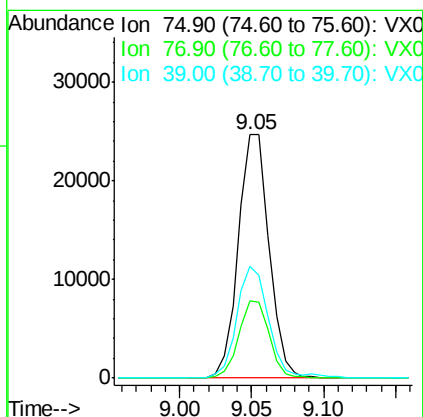
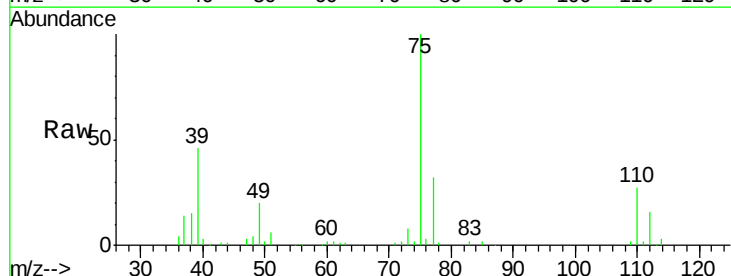
Instrument :
 ClientSampleId :
 VX0213WBSD01

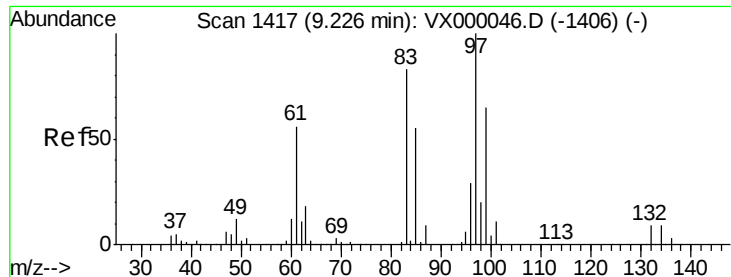
Tgt Ion: 75 Resp: 36570
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.63 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 75 Resp: 36725
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7
 39 45.8 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 20.27 ug/l

RT: 9.23 min Scan# 1417

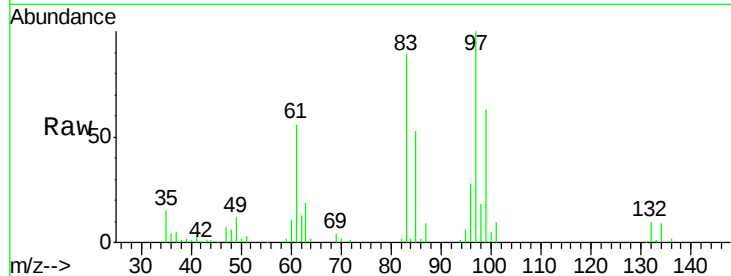
Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tgt Ion:	97	Resp:	24509
Ion	Ratio	Lower	Upper
97	100		
83	88.9	66.5	99.7
85	53.3	43.8	65.6
99	63.2	52.2	78.4



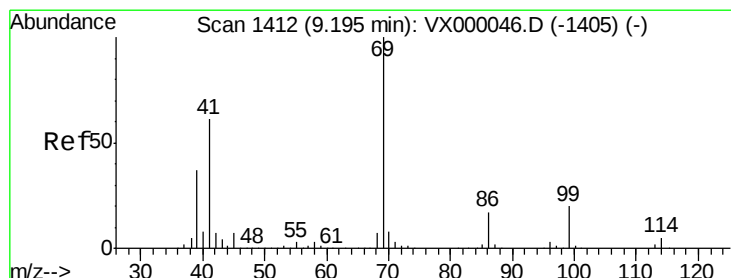
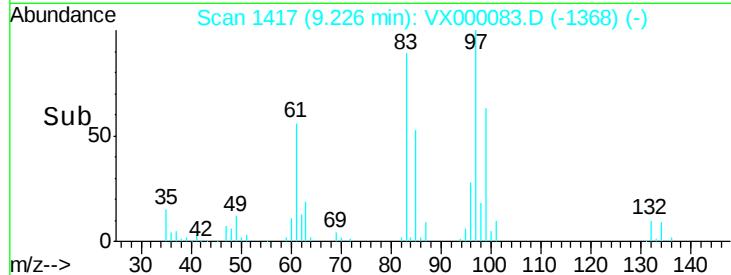
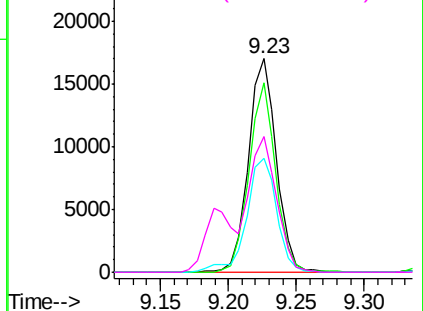
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.19 ug/l

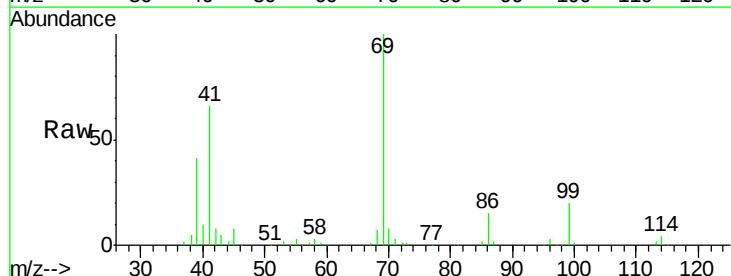
RT: 9.19 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion:	69	Resp:	37437
Ion	Ratio	Lower	Upper
69	100		
41	64.9	49.5	74.3
39	42.0	29.9	44.9

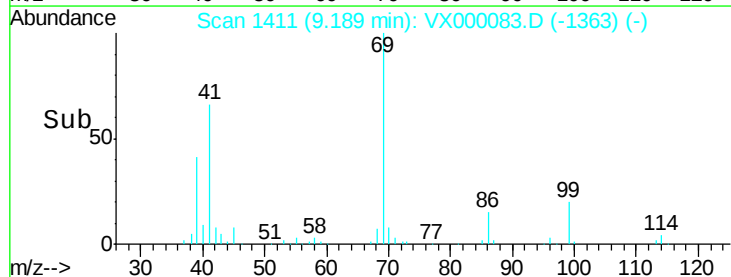
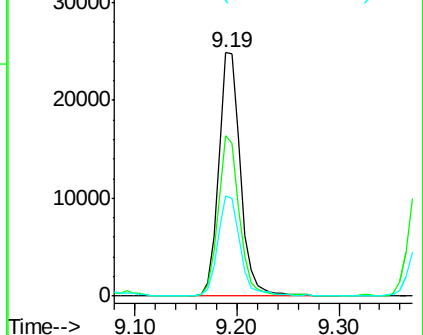


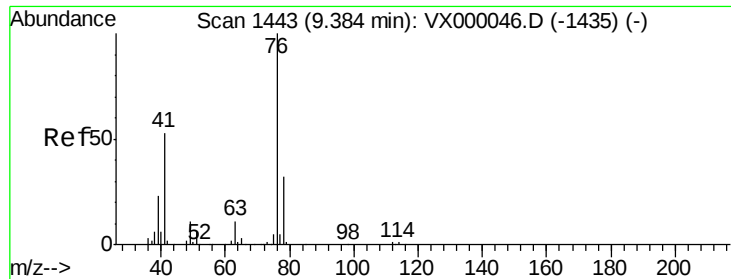
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

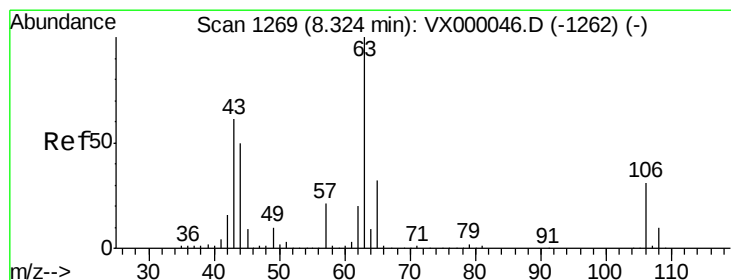
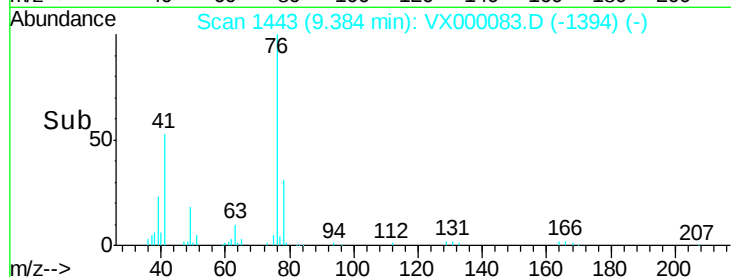
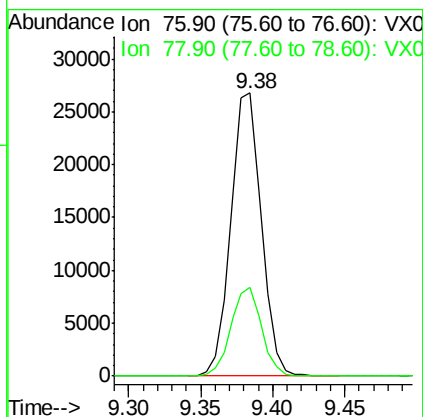
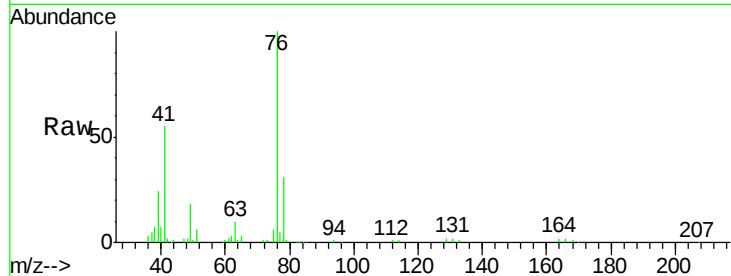




#57
 1,3-Dichloropropane
 Concen: 21.16 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

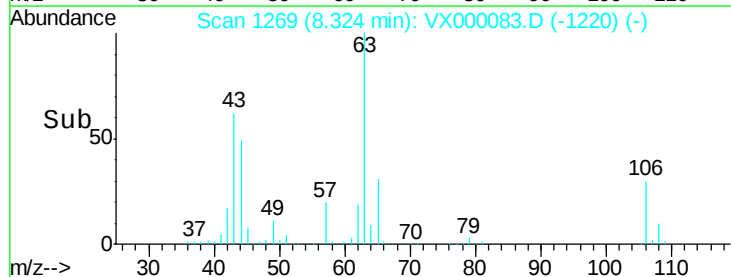
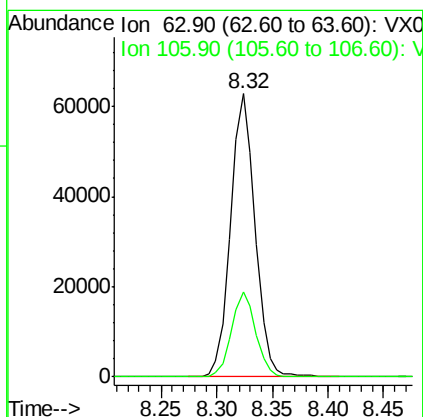
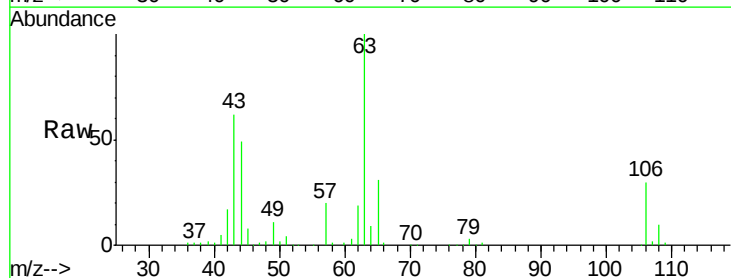
Instrument :
 ClientSampleId :
 VX0213WBSD01

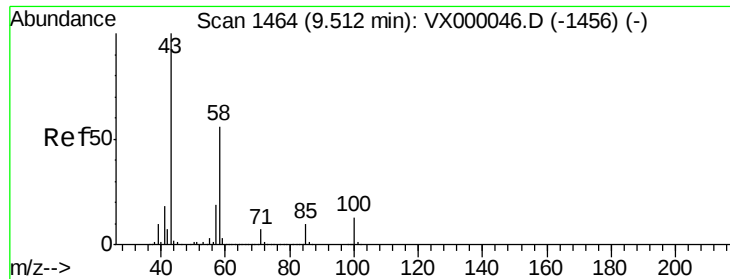
Tgt Ion: 76 Resp: 39792
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.61 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 63 Resp: 95819
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.7 37.1

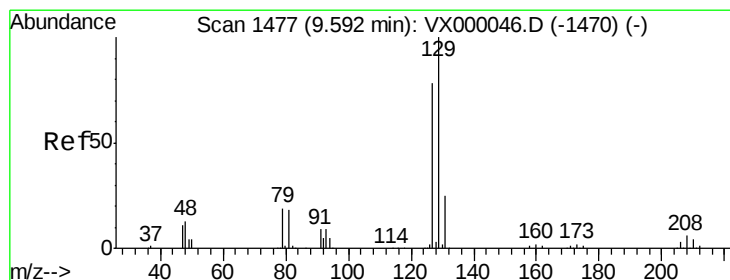
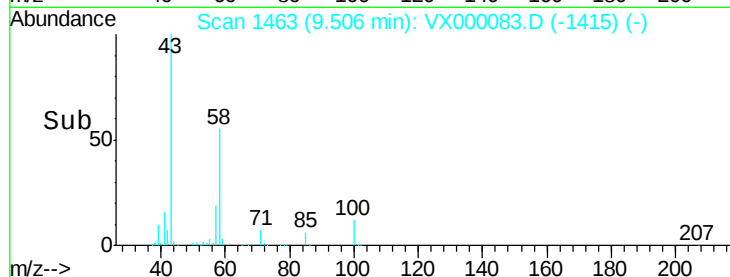
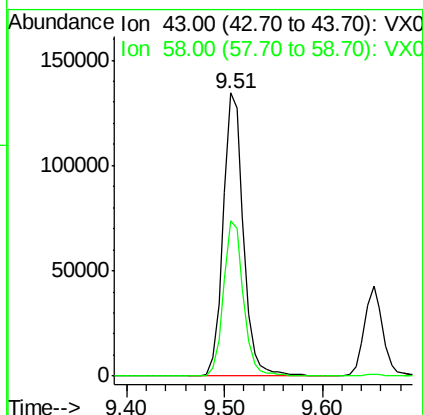
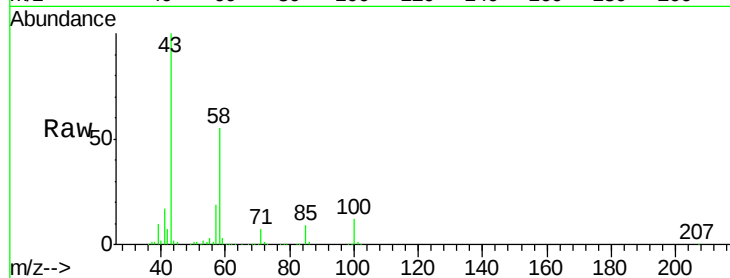




#59
2-Hexanone
Concen: 115.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

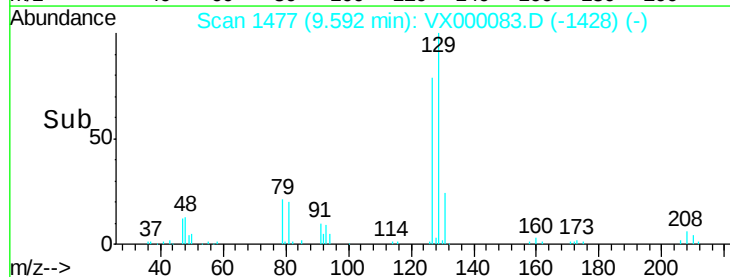
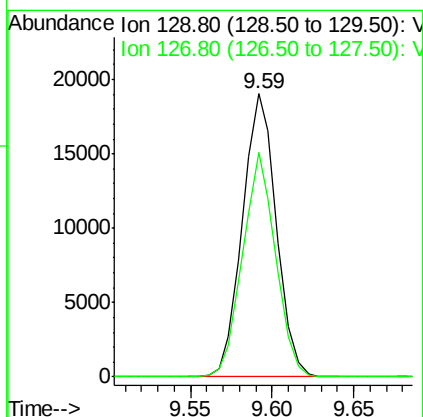
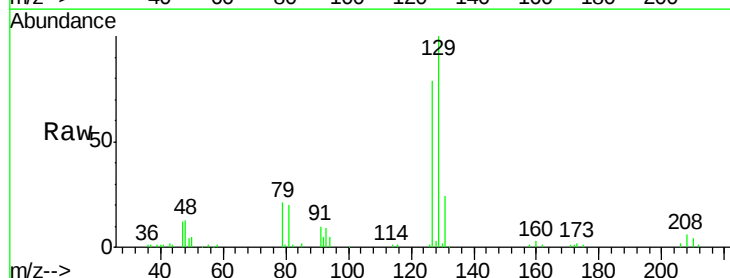
Instrument :
ClientSampled :
VX0213WBSD01

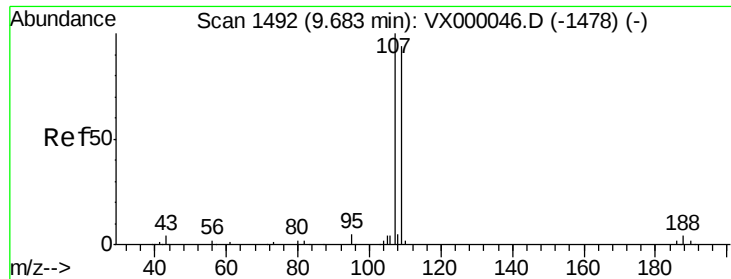
Tgt Ion: 43 Resp: 192691
Ion Ratio Lower Upper
43 100
58 53.9 27.6 82.7



#60
Dibromochloromethane
Concen: 19.81 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion: 129 Resp: 27540
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.57 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

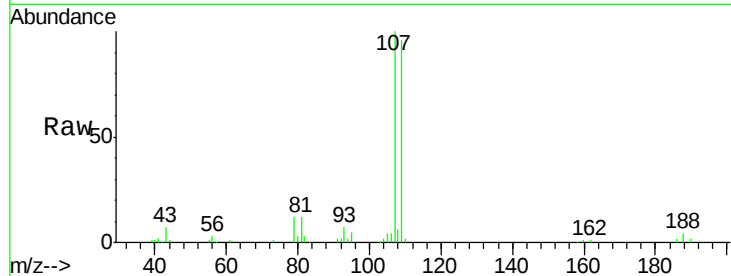
VX0213WBSD01

Tgt Ion: 107 Resp: 27385

Ion Ratio Lower Upper

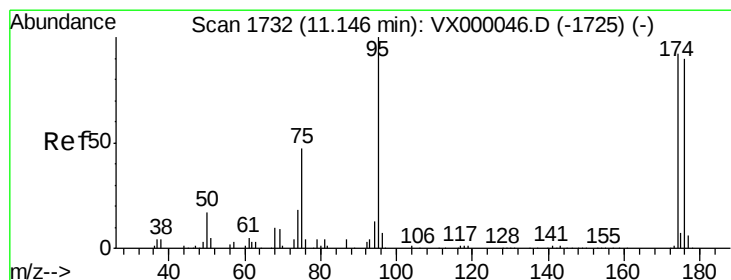
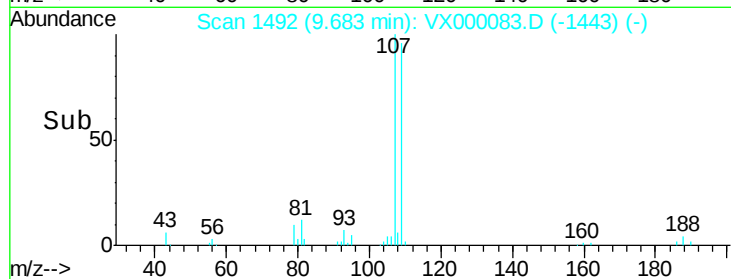
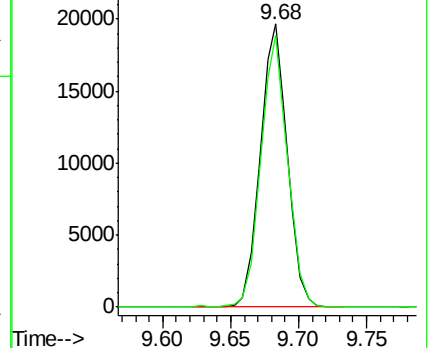
107 100

109 95.2 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.00 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

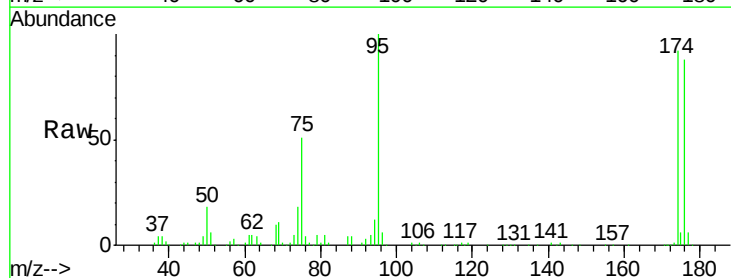
Tgt Ion: 95 Resp: 75511

Ion Ratio Lower Upper

95 100

174 89.8 0.0 185.6

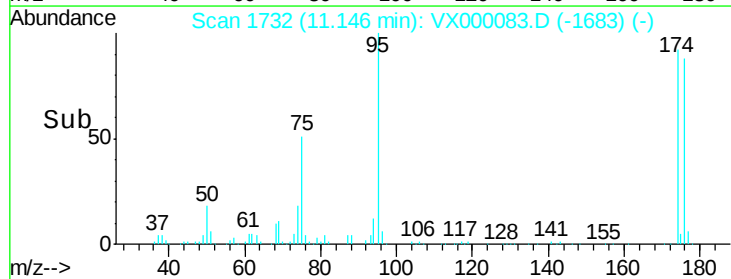
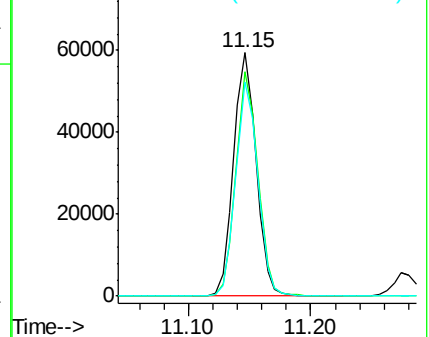
176 86.3 0.0 181.8

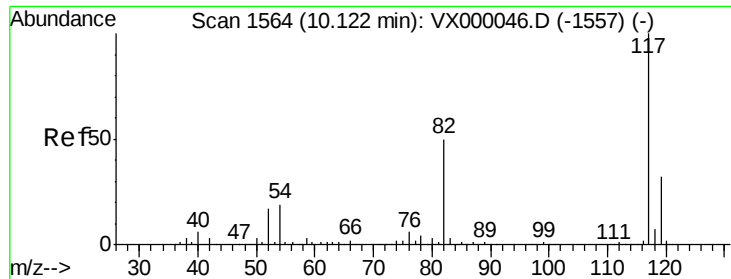


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

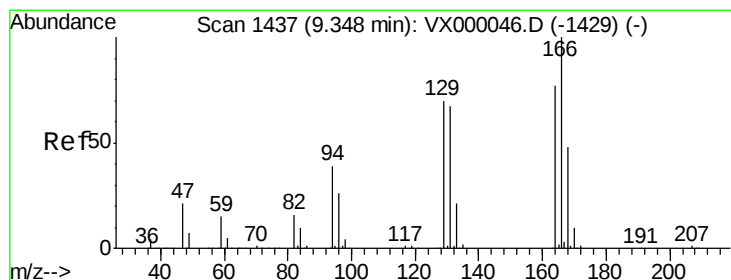
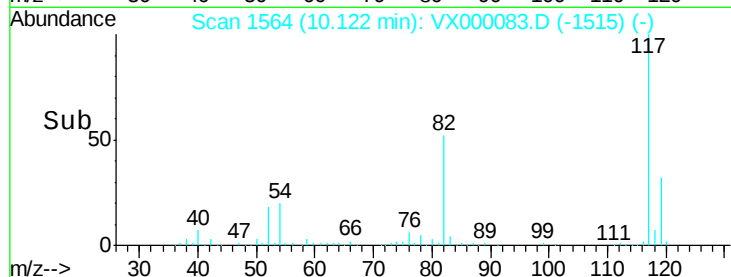
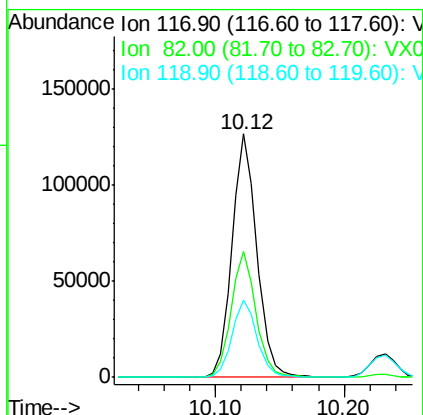
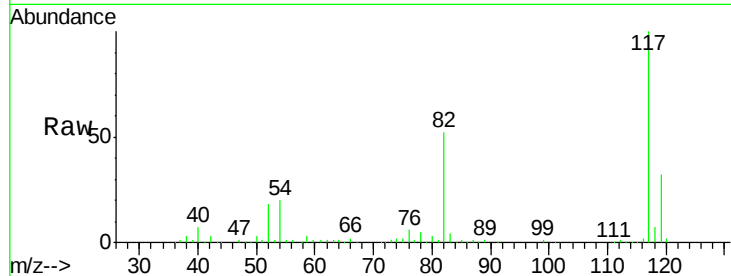




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

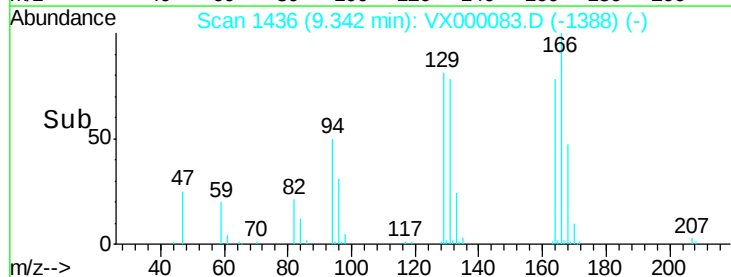
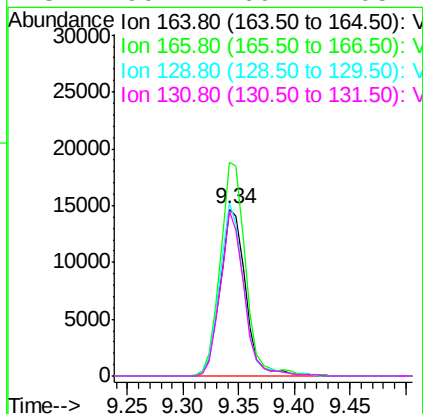
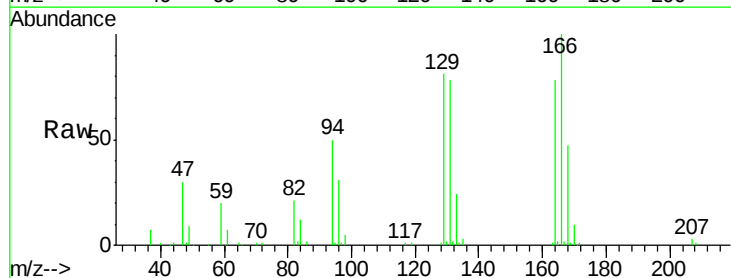
Instrument :
ClientSampled :
VX0213WBSD01

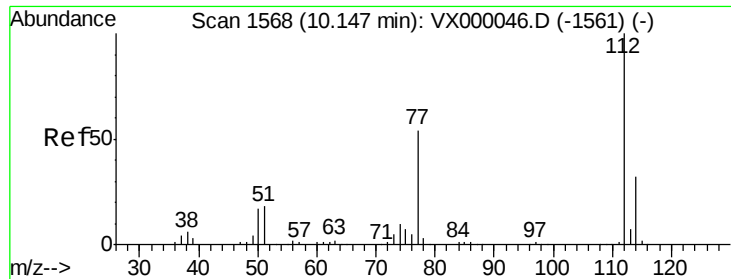
Tgt Ion:117 Resp: 170241
Ion Ratio Lower Upper
117 100
82 51.9 40.3 60.5
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 18.16 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion:164 Resp: 23016
Ion Ratio Lower Upper
164 100
166 127.9 103.7 155.5
129 103.2 72.2 108.4
131 99.2 69.1 103.7

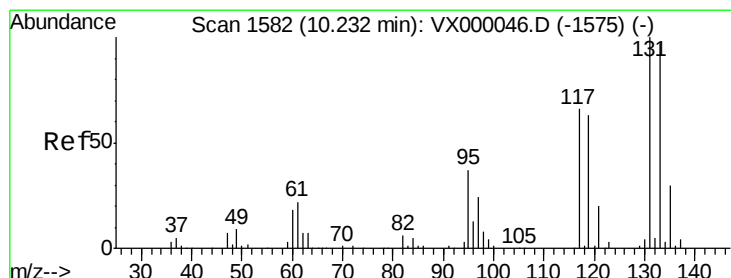
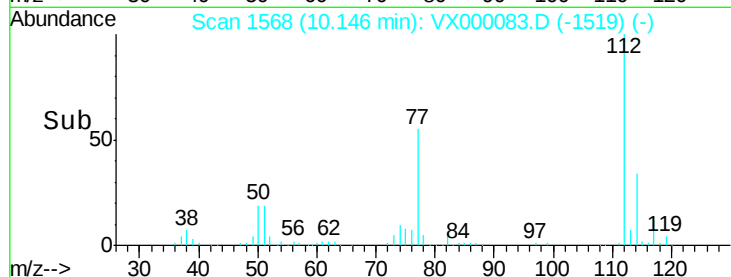
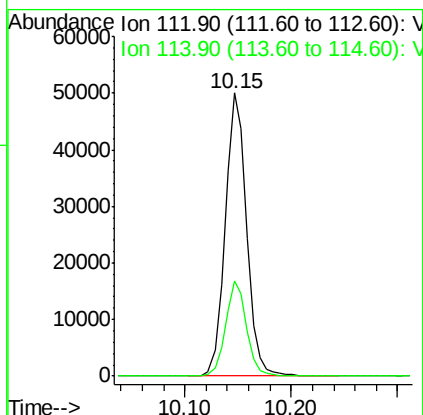
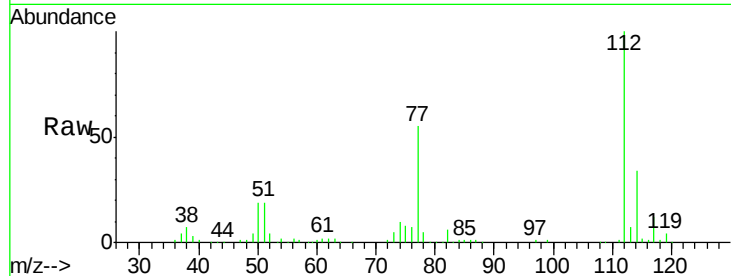




#65
Chlorobenzene
Concen: 19.84 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

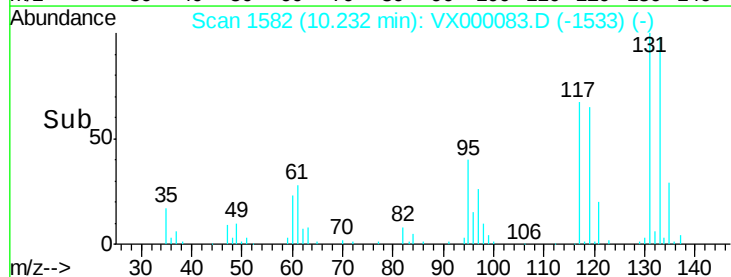
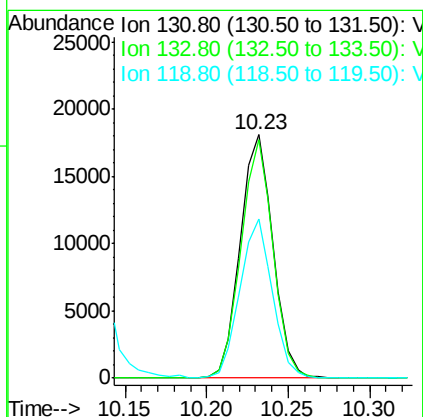
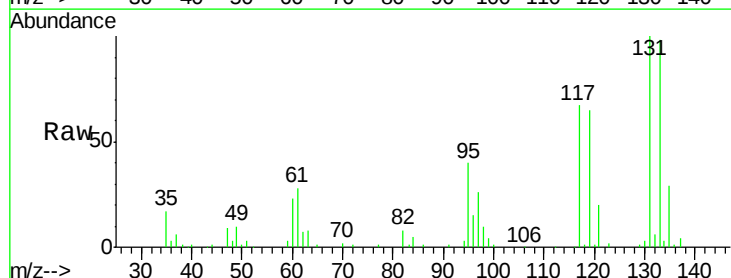
Instrument :
ClientSampled :
VX0213WBSD01

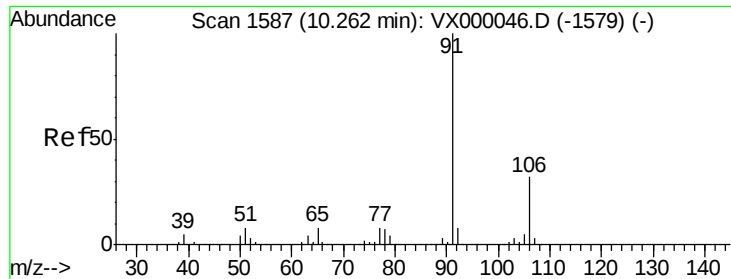
Tgt Ion:112 Resp: 70198
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.93 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion:131 Resp: 25362
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 64.8 31.7 95.1





#67

Ethyl Benzene

Concen: 20.00 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampleId :

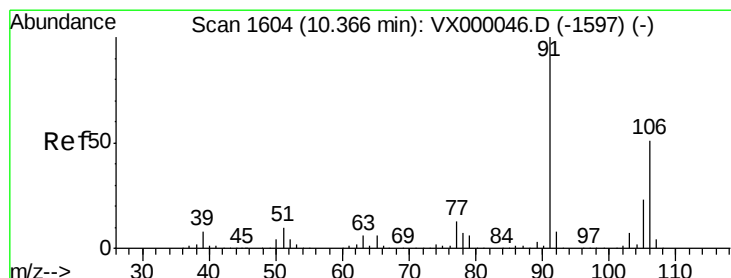
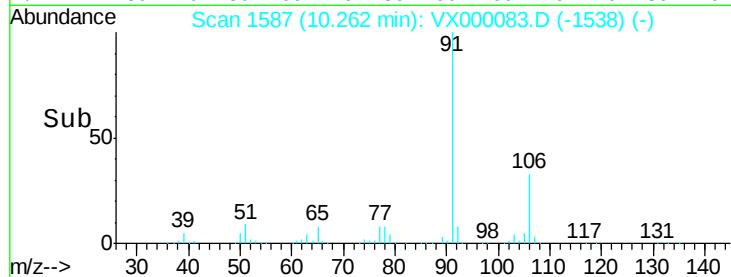
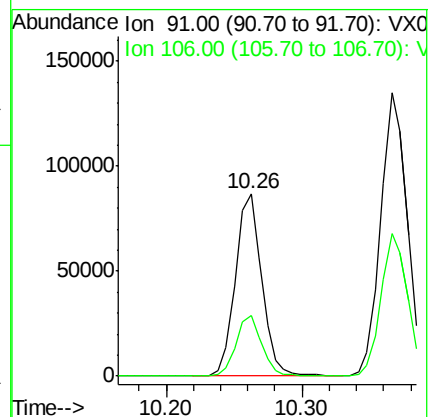
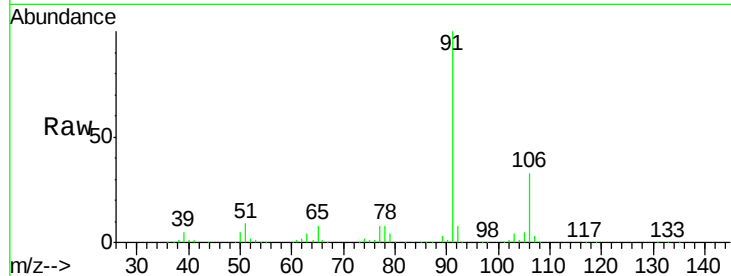
VX0213WBSD01

Tgt Ion: 91 Resp: 117305

Ion Ratio Lower Upper

91 100

106 33.0 25.9 38.9



#68

m/p-Xylenes

Concen: 39.65 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000083.D

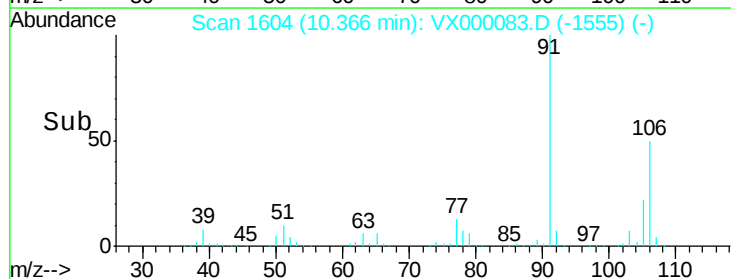
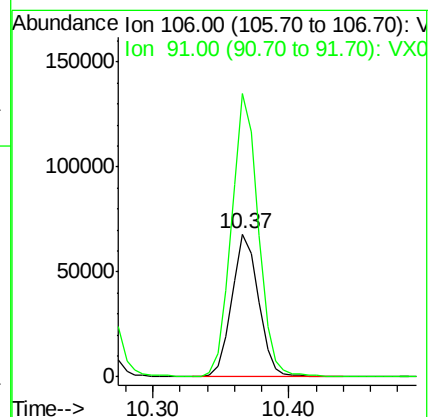
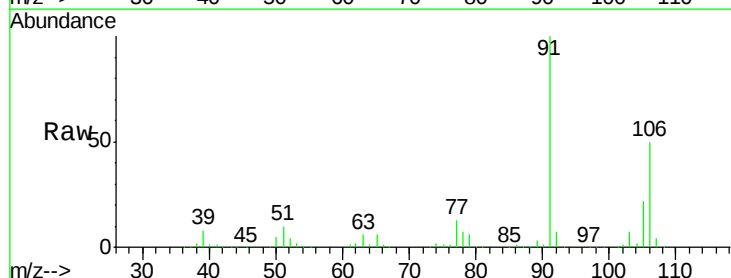
Acq: 13 Feb 2018 18:41

Tgt Ion: 106 Resp: 92626

Ion Ratio Lower Upper

106 100

91 200.3 158.3 237.5

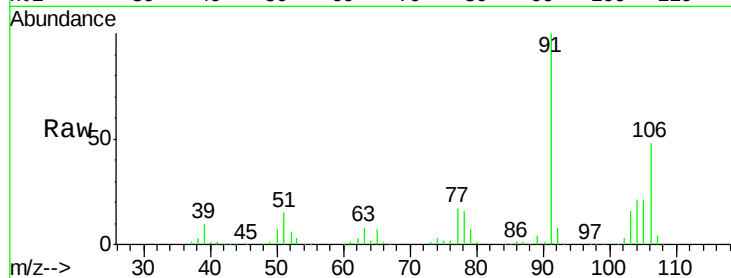




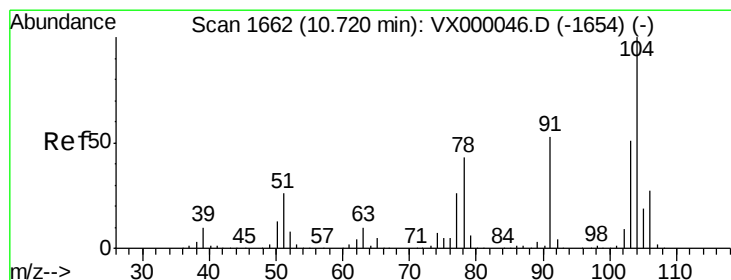
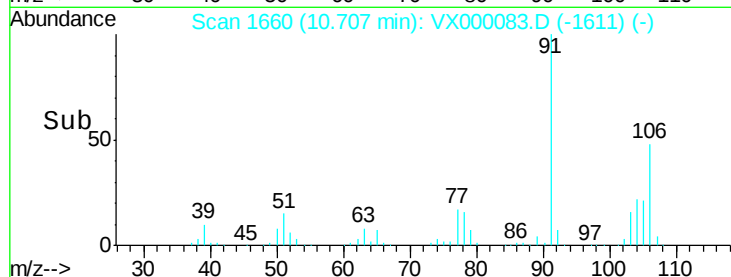
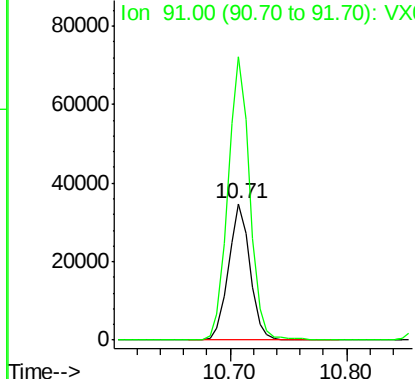
#69
o-Xylene
Concen: 19.77 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tgt Ion:106 Resp: 44574
Ion Ratio Lower Upper
106 100
91 210.3 104.0 312.0

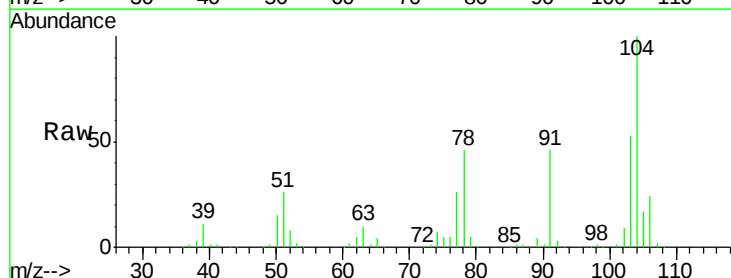


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

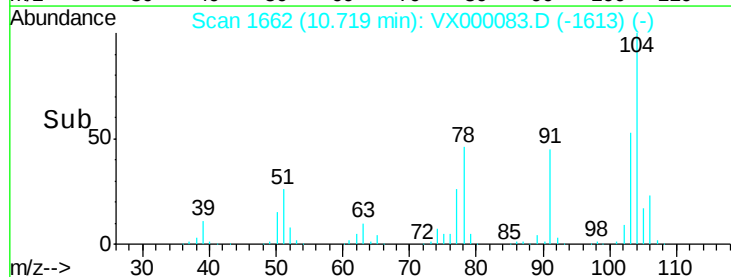
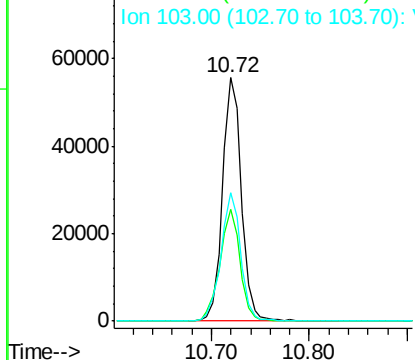


#70
Styrene
Concen: 19.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion:104 Resp: 74440
Ion Ratio Lower Upper
104 100
78 49.4 37.7 56.5
103 55.5 44.0 66.0



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





#71

Bromoform

Concen: 18.98 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampleId :

VX0213WBSD01

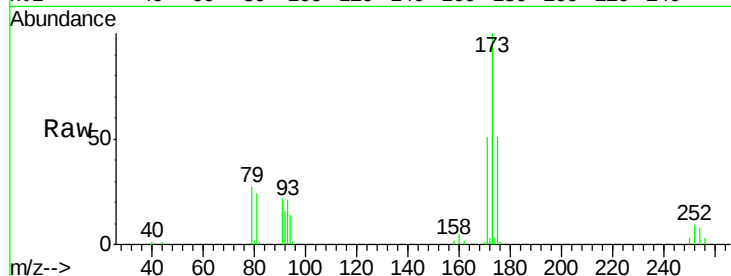
Tgt Ion:173 Resp: 22843

Ion Ratio Lower Upper

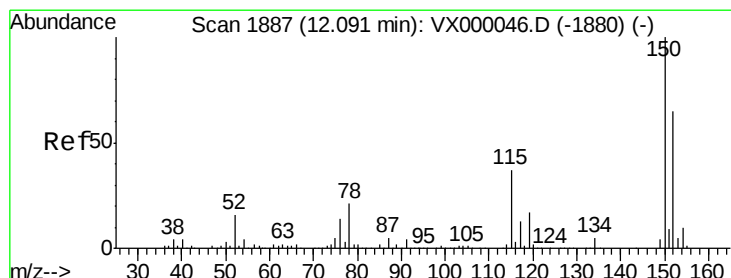
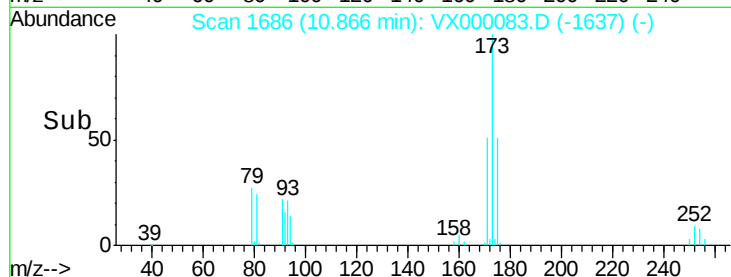
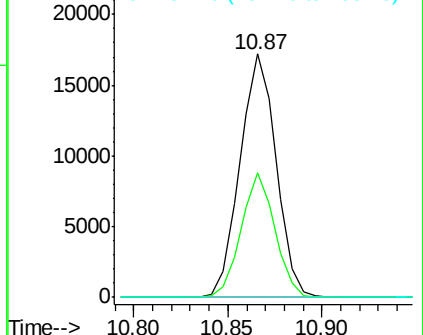
173 100

175 47.8 23.9 71.8

254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

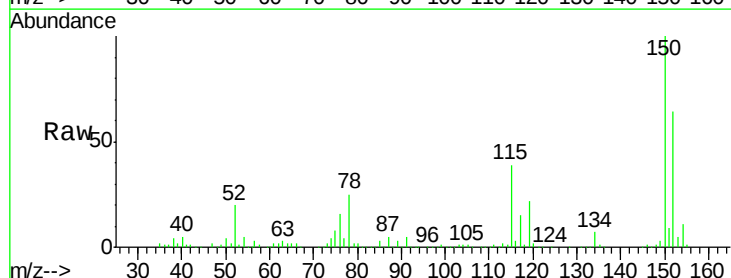
Tgt Ion:152 Resp: 98541

Ion Ratio Lower Upper

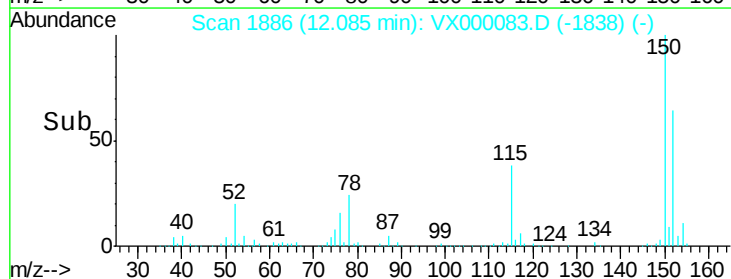
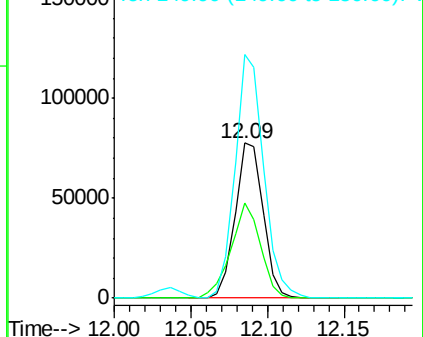
152 100

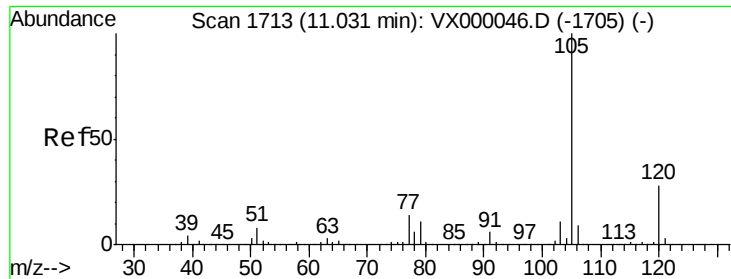
115 64.6 39.3 117.8

150 160.6 0.0 349.2



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





#73

Isopropylbenzene

Concen: 19.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampleId :

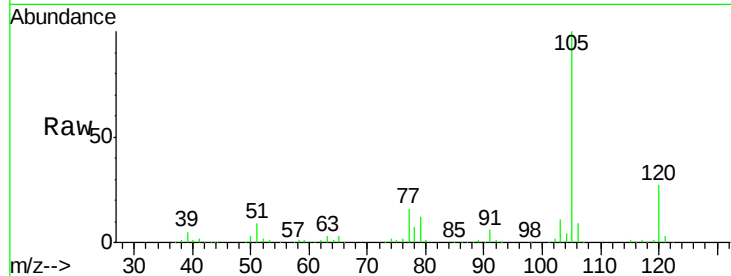
VX0213WBSD01

Tgt Ion: 105 Resp: 120973

Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

100000

80000

60000

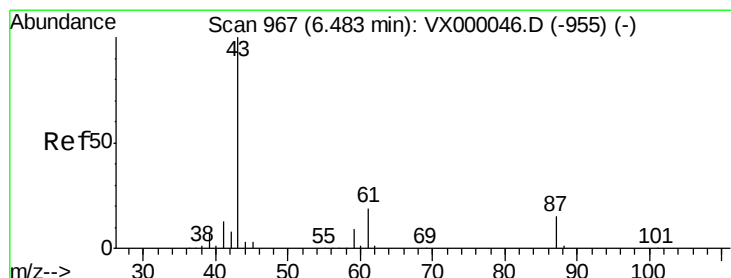
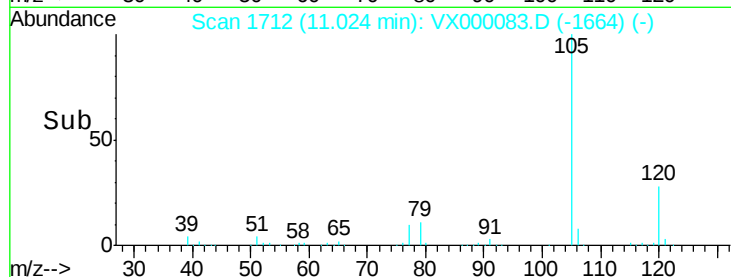
40000

20000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 19.40 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Tgt Ion: 43 Resp: 60715

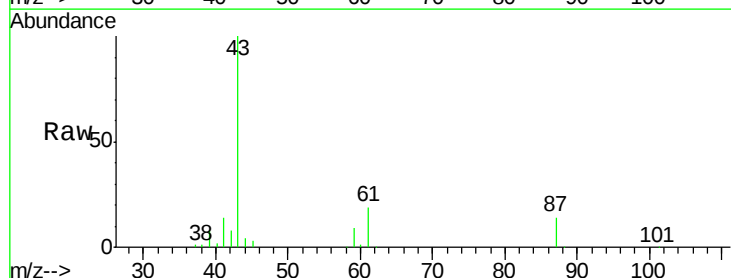
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.8 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

30000

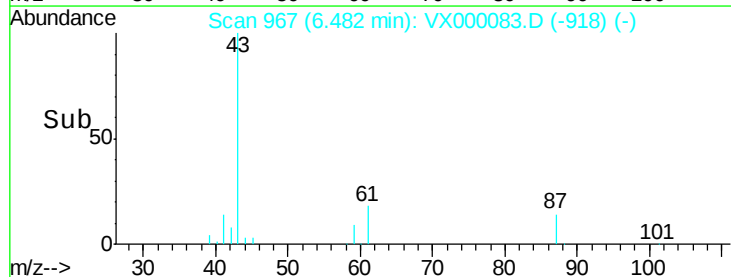
20000

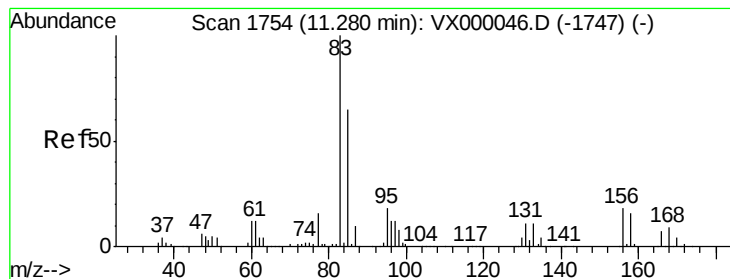
10000

0

Time-->

6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 19.76 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

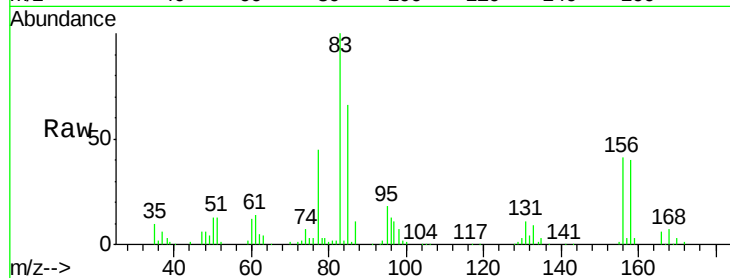
Tgt Ion: 83 Resp: 42022

Ion Ratio Lower Upper

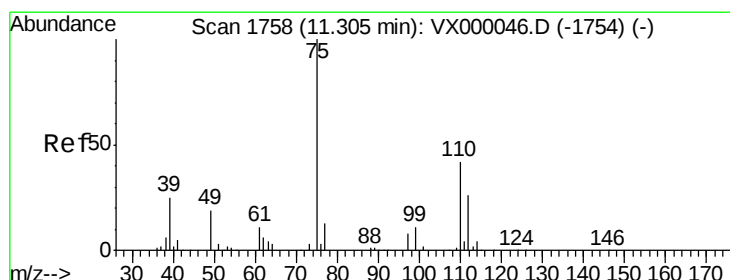
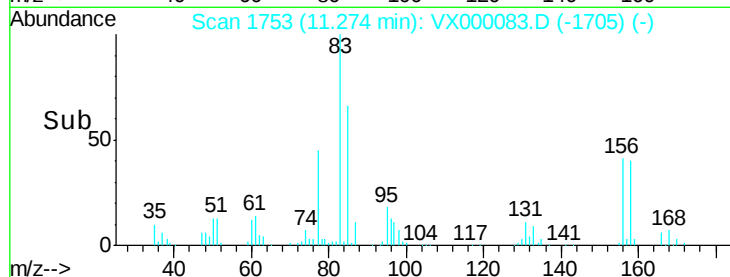
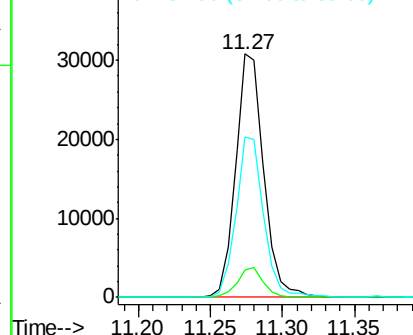
83 100

131 11.1 5.5 16.7

85 65.2 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.02 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000083.D

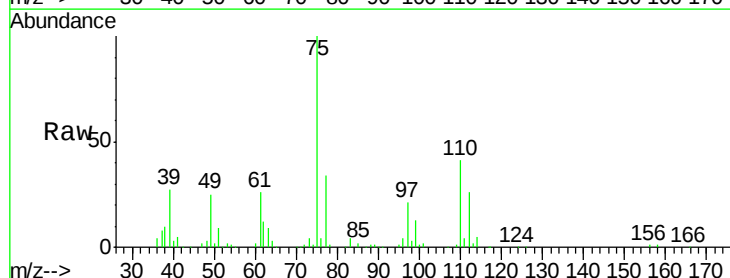
Acq: 13 Feb 2018 18:41

Tgt Ion: 75 Resp: 52006

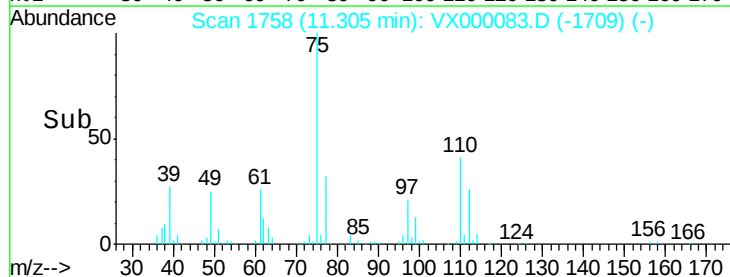
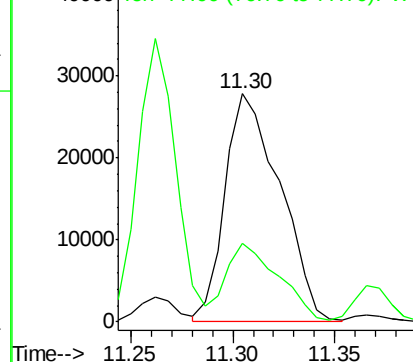
Ion Ratio Lower Upper

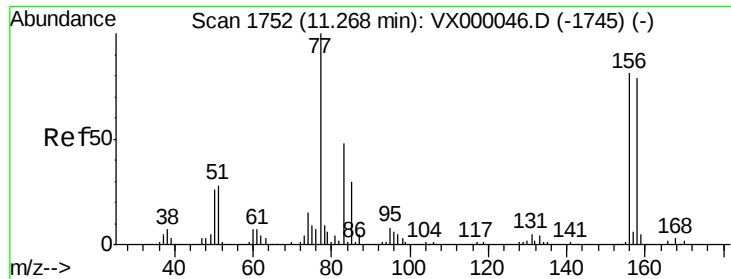
75 100

77 32.9 23.7 71.1



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





#77

Bromobenzene

Concen: 19.08 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampled :

VX0213WBSD01

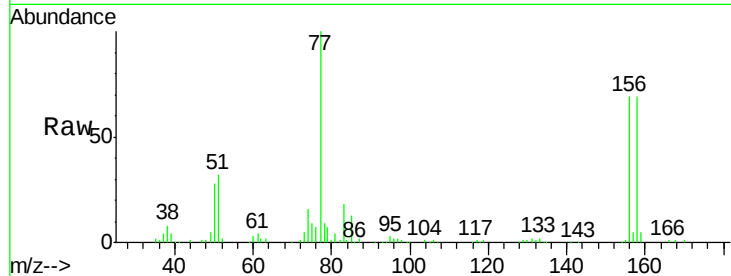
Tgt Ion:156 Resp: 32364

Ion Ratio Lower Upper

156 100

77 138.6 66.2 198.6

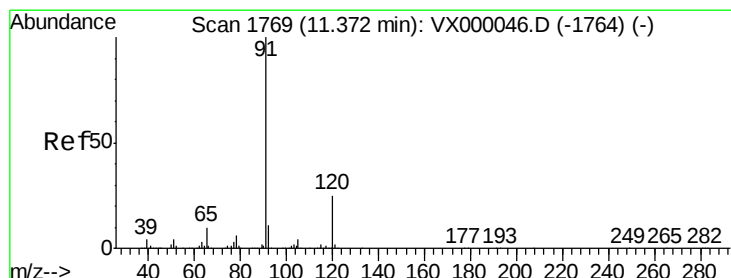
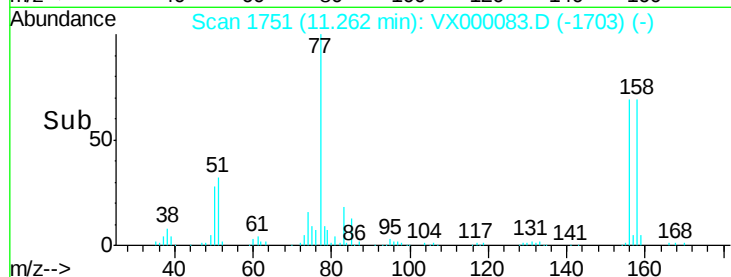
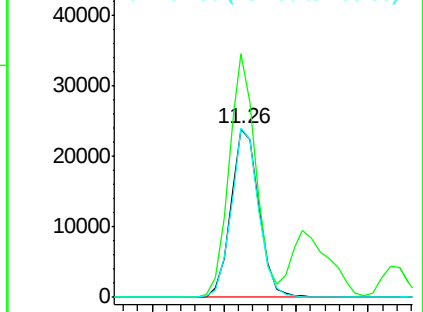
158 97.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.40 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000083.D

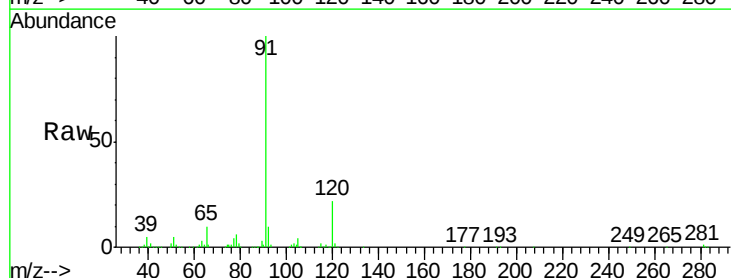
Acq: 13 Feb 2018 18:41

Tgt Ion: 91 Resp: 140673

Ion Ratio Lower Upper

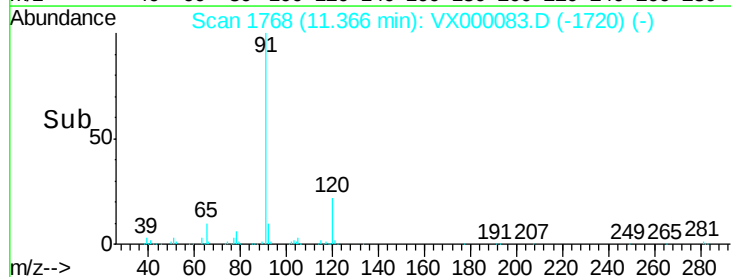
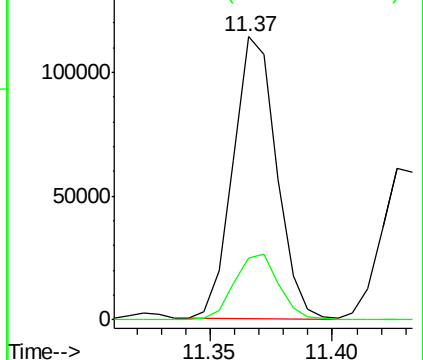
91 100

120 24.1 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

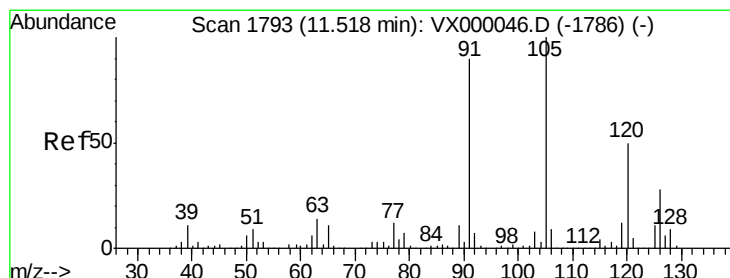
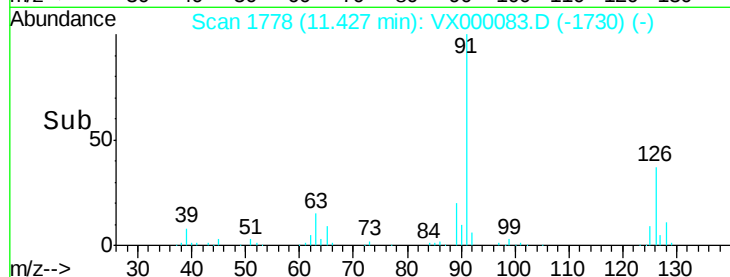
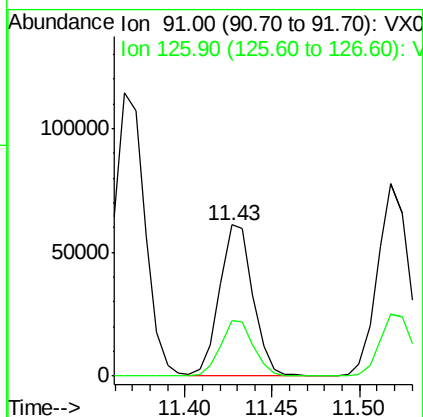
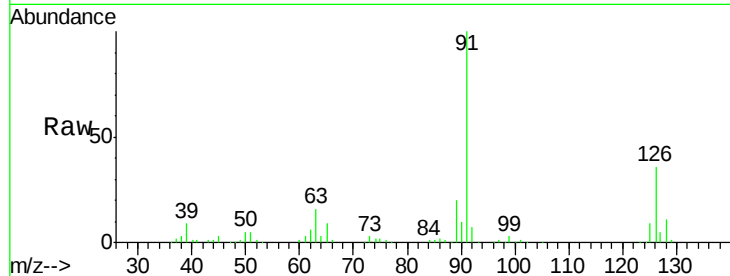




#79
 2-Chlorotoluene
 Concen: 19.19 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

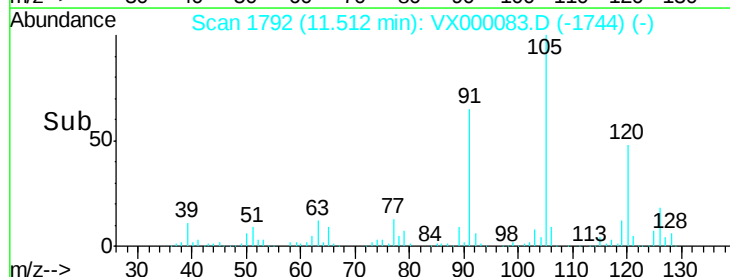
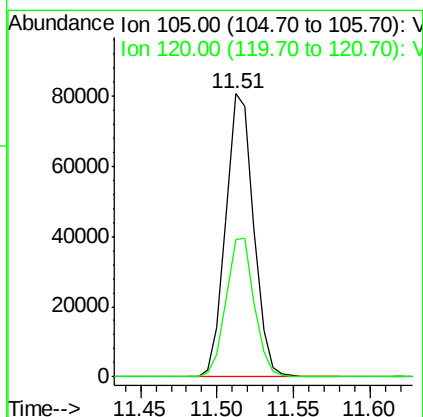
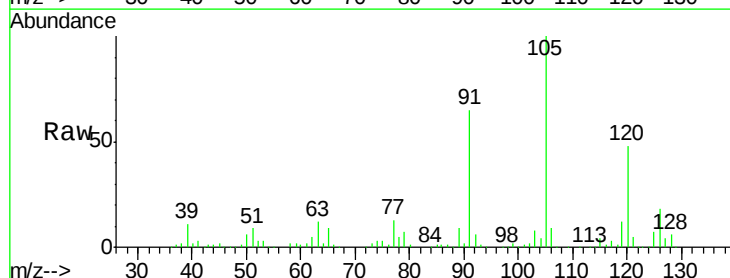
Instrument :
 ClientSampleId :
 VX0213WBSD01

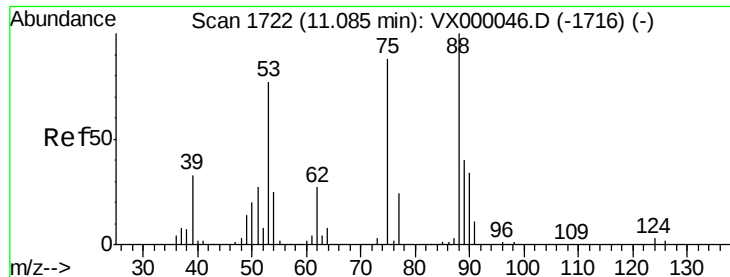
Tgt Ion: 91 Resp: 80442
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.2 54.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.42 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 105 Resp: 101749
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.34 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampleId :

VX0213WBSD01

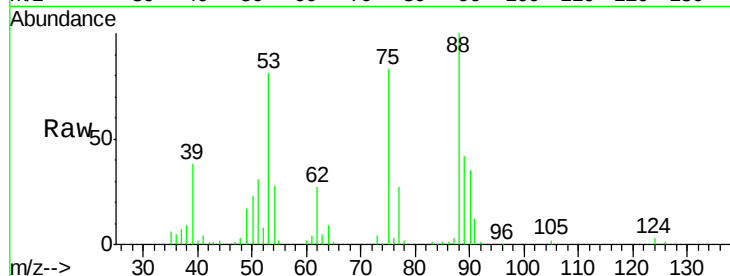
Tgt Ion: 75 Resp: 13758

Ion Ratio Lower Upper

75 100

53 94.6 70.3 105.5

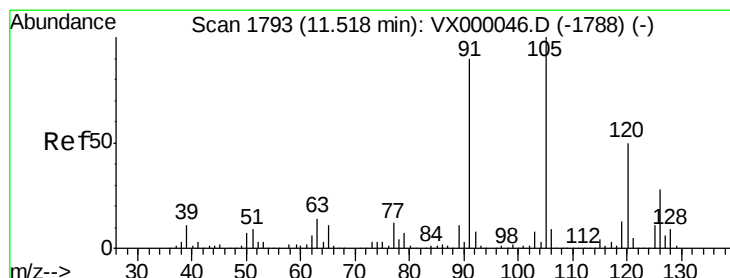
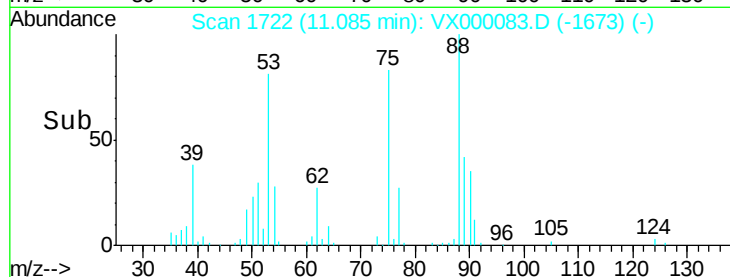
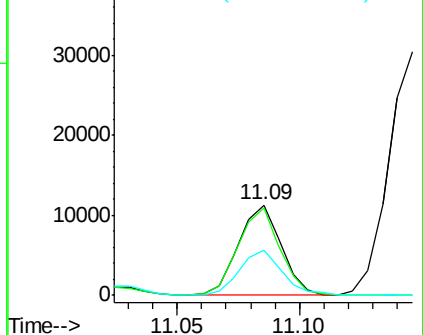
89 50.1 48.6 72.8



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: 19.45 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000083.D

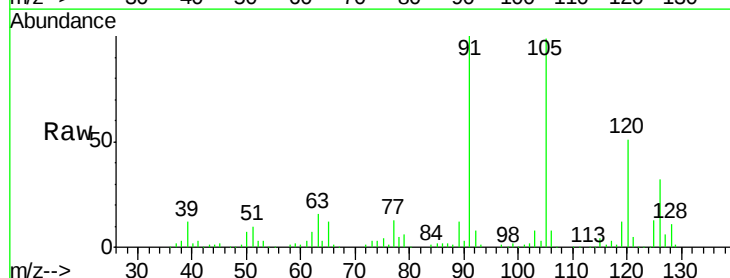
Acq: 13 Feb 2018 18:41

Tgt Ion: 91 Resp: 97437

Ion Ratio Lower Upper

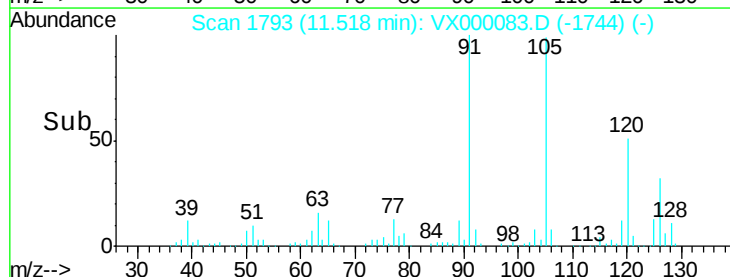
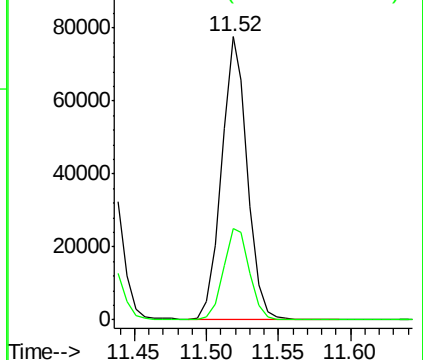
91 100

126 32.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

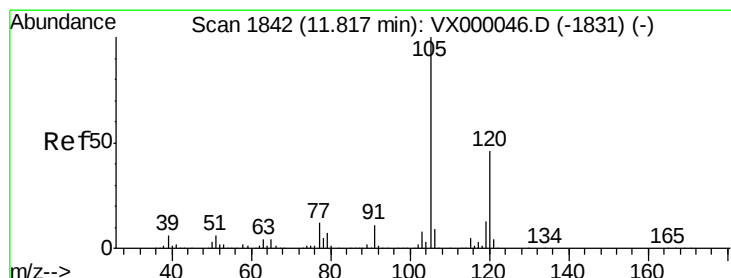
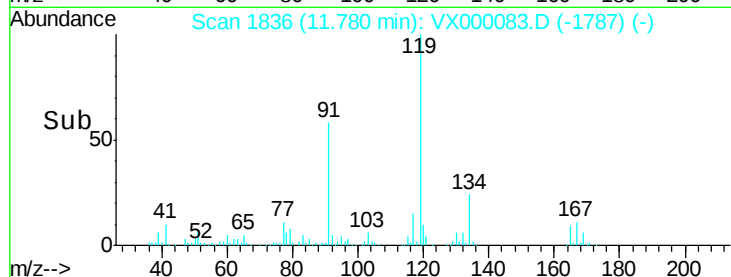
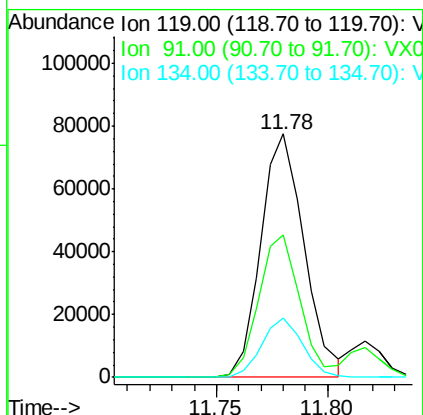
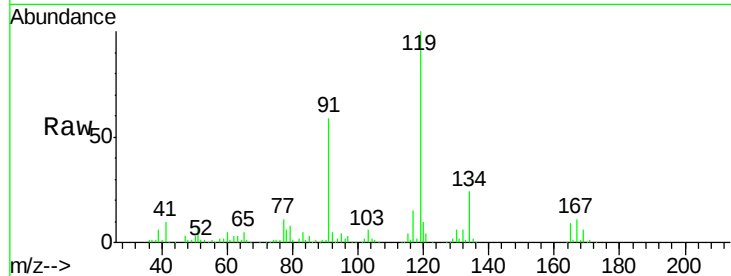




#83
 tert-Butylbenzene
 Concen: 19.80 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

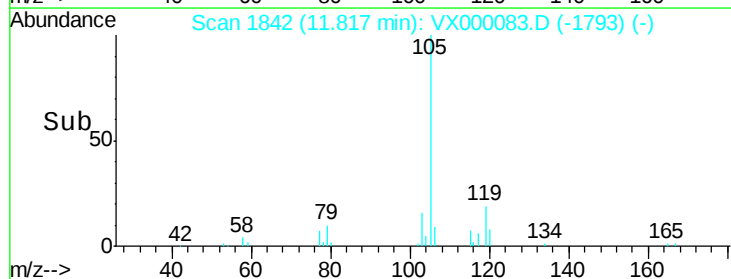
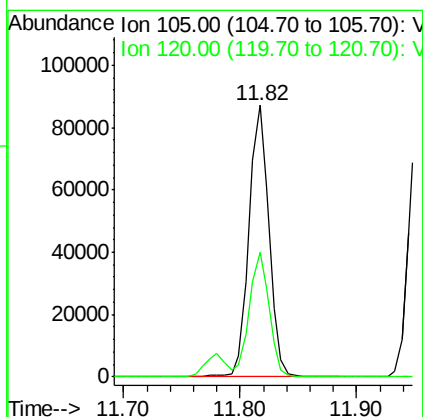
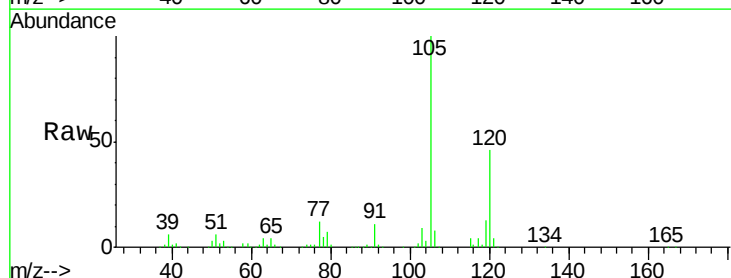
Instrument :
 ClientSampled :
 VX0213WBSD01

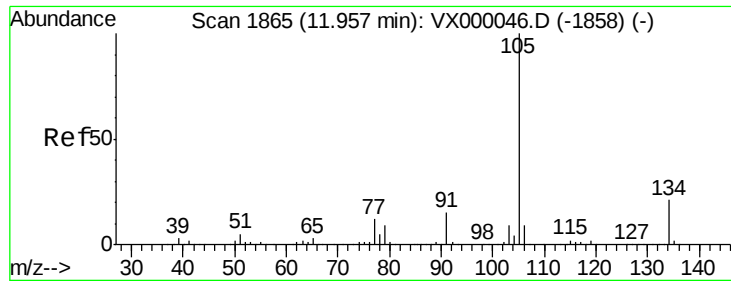
Tgt Ion:119 Resp: 104805
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.9 83.7
 134 23.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.63 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion:105 Resp: 105235
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.4 70.2

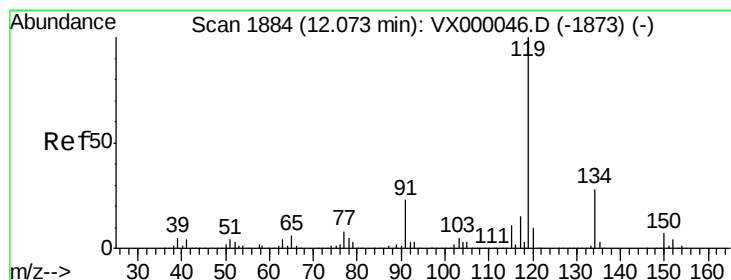
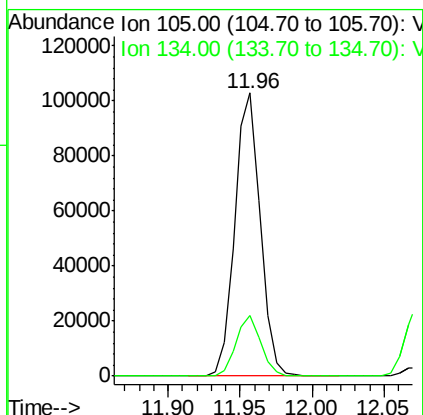
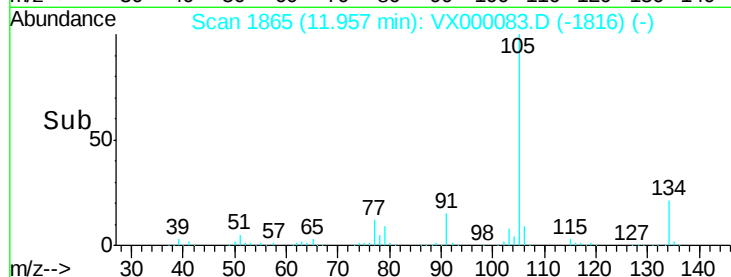
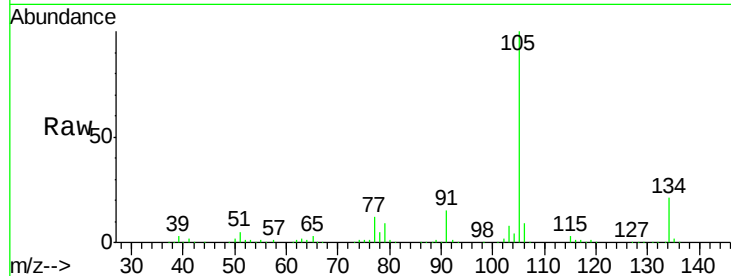




#85
 sec-Butylbenzene
 Concen: 19.46 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

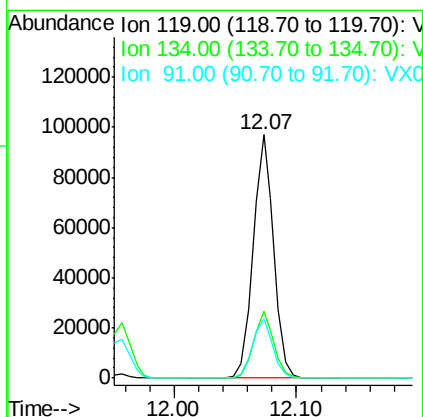
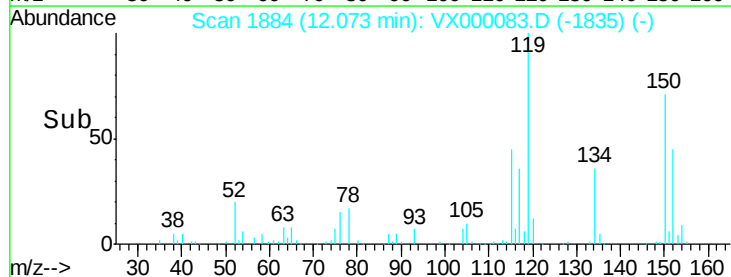
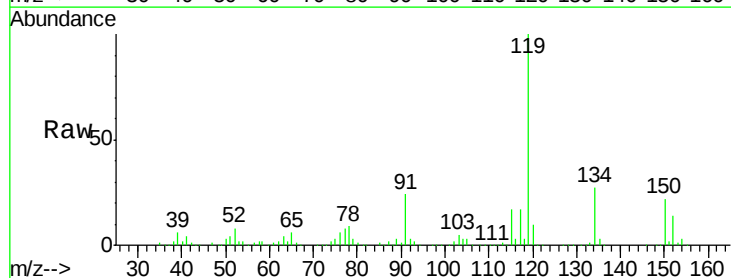
Instrument :
 ClientSampleId :
 VX0213WBSD01

Tgt Ion:105 Resp: 126698
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 19.33 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion:119 Resp: 113172
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.0 41.9
 91 24.3 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 19.53 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

Instrument :

ClientSampleId :

VX0213WBSD01

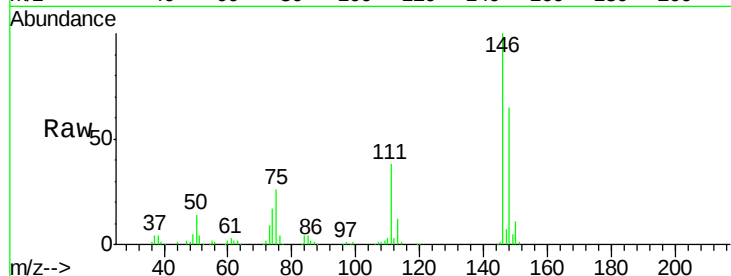
Tgt Ion:146 Resp: 62440

Ion Ratio Lower Upper

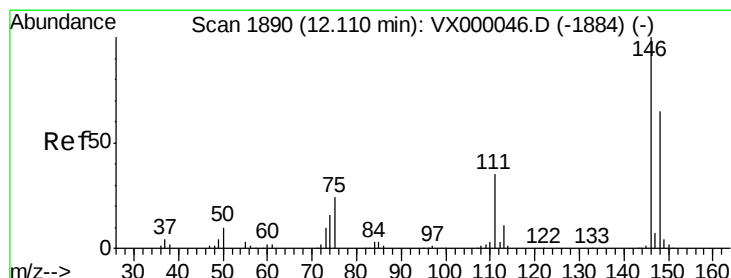
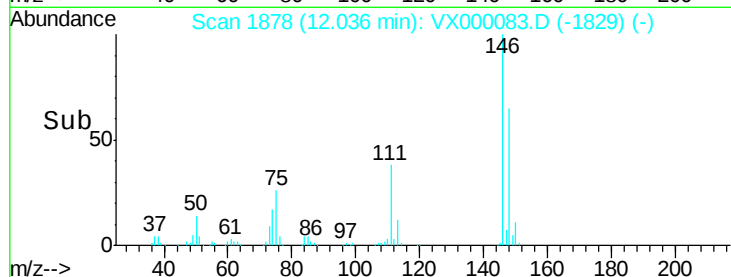
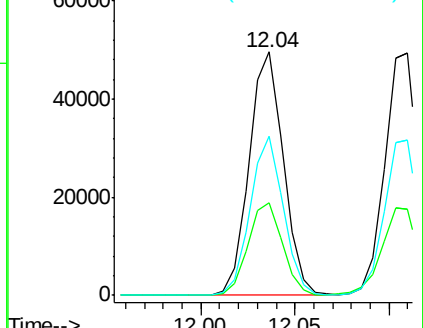
146 100

111 38.4 18.9 56.9

148 63.6 31.8 95.4



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: 19.32 ug/l

RT: 12.11 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VX000083.D

Acq: 13 Feb 2018 18:41

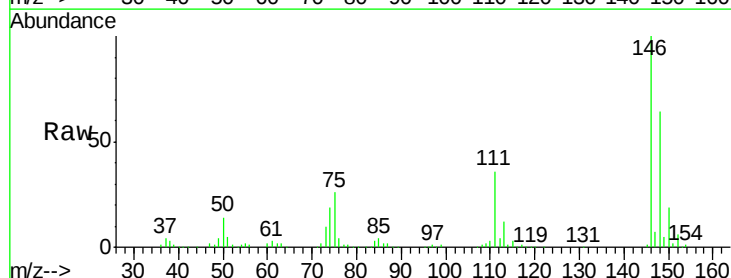
Tgt Ion:146 Resp: 63189

Ion Ratio Lower Upper

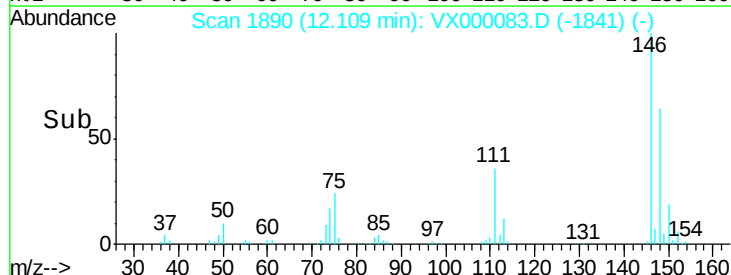
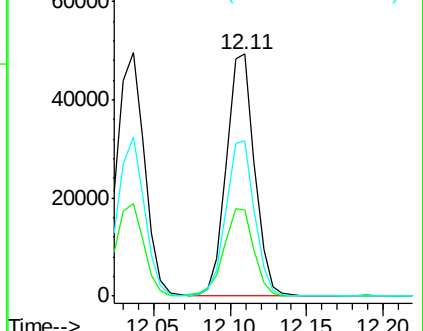
146 100

111 38.4 18.7 56.1

148 64.8 32.1 96.5



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

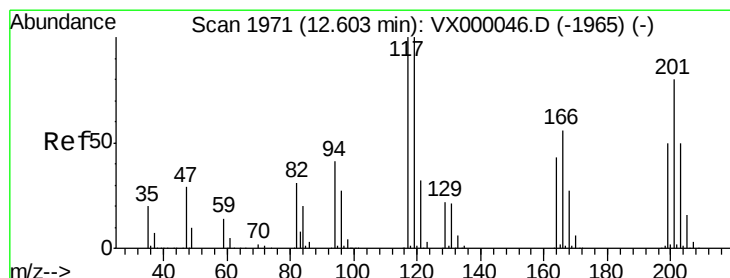
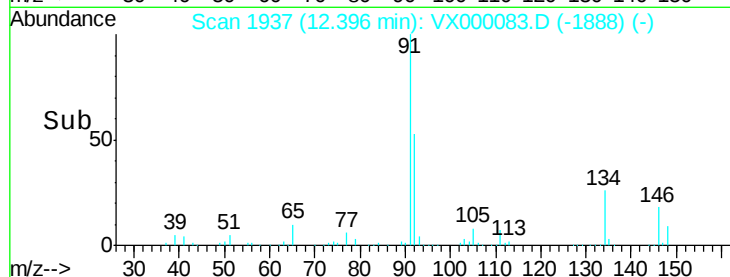
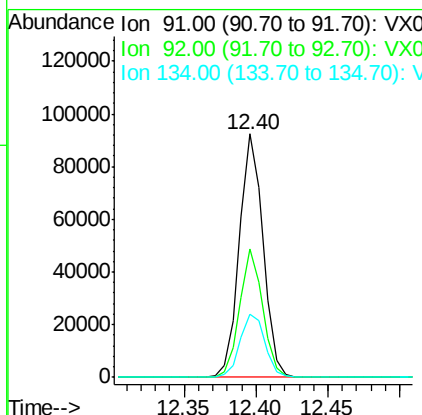
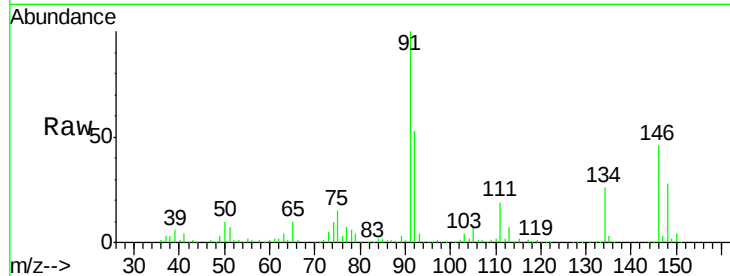




#89
n-Butylbenzene
Concen: 19.39 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

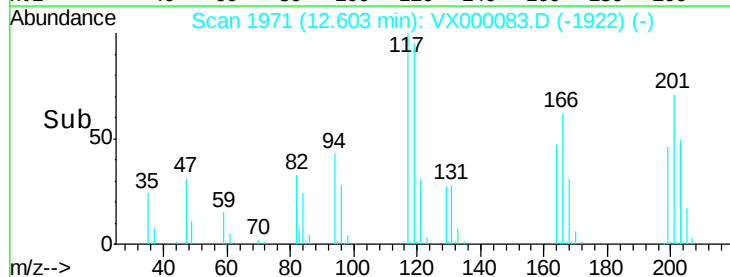
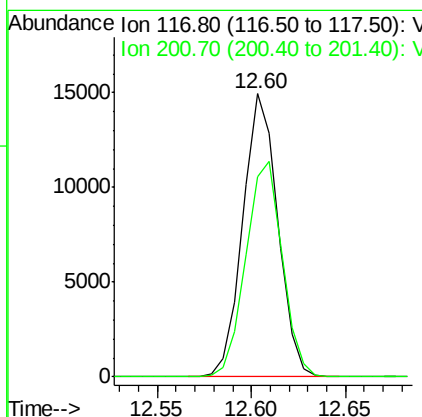
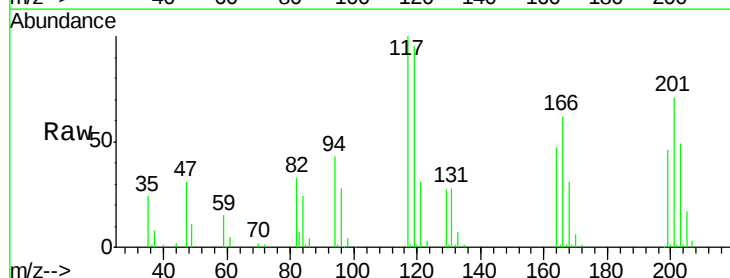
Instrument :
ClientSampleId :
VX0213WBSD01

Tgt Ion: 91 Resp: 106078
Ion Ratio Lower Upper
91 100
92 51.1 26.1 78.2
134 27.1 14.1 42.2



#90
Hexachloroethane
Concen: 18.82 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion: 117 Resp: 19269
Ion Ratio Lower Upper
117 100
201 79.1 43.5 130.7

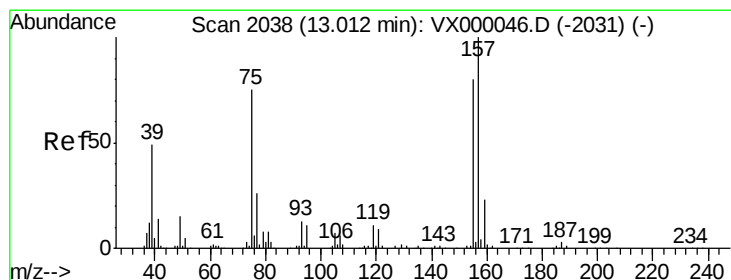
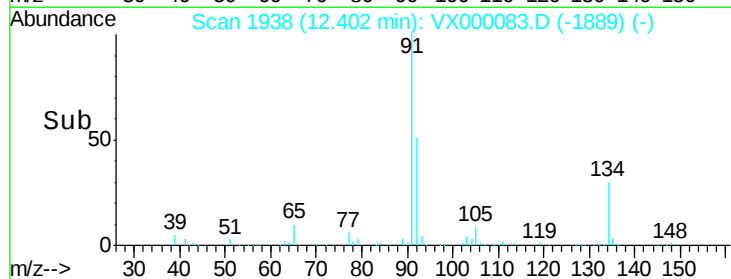
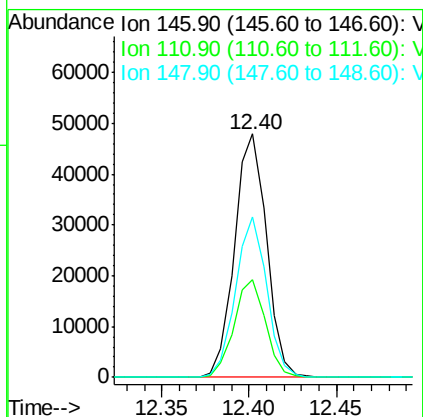
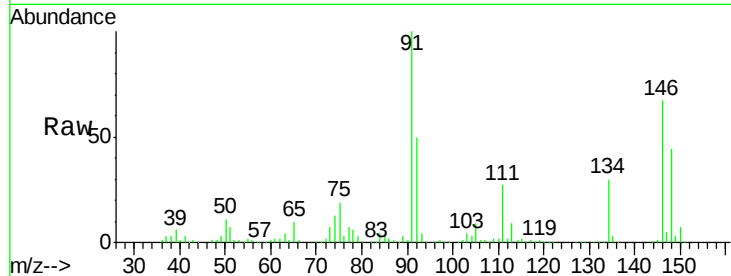




#91
 1,2-Dichlorobenzene
 Concen: 19.47 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

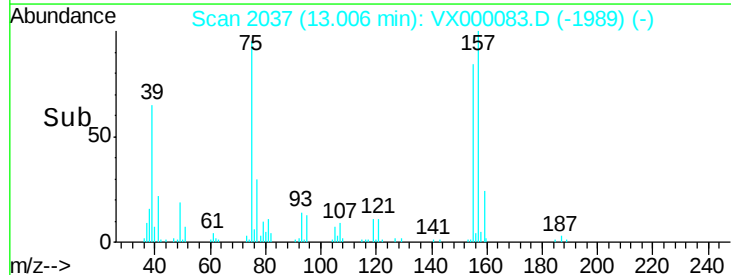
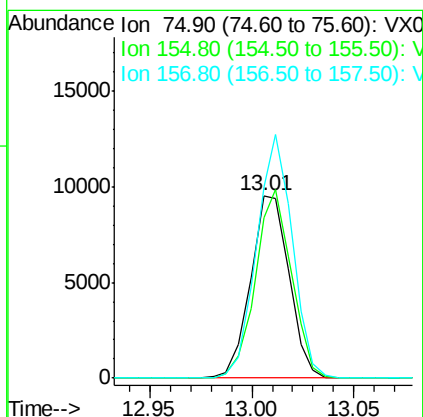
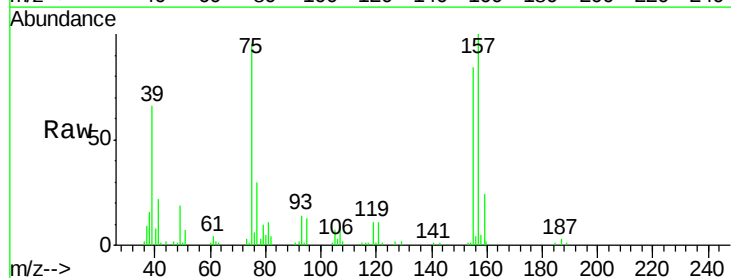
Instrument :
 ClientSampled :
 VX0213WBSD01

Tgt Ion:146 Resp: 60897
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.4 58.2
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.54 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion: 75 Resp: 12511
 Ion Ratio Lower Upper
 75 100
 155 96.9 52.0 156.0
 157 124.0 65.3 195.9

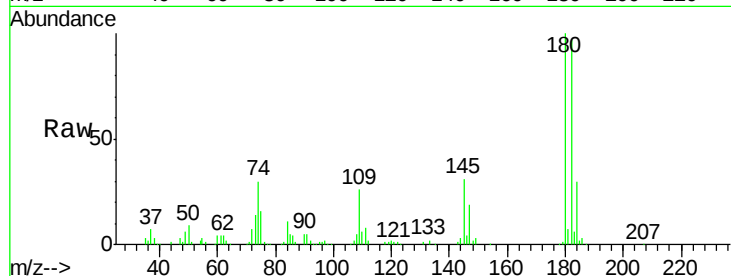




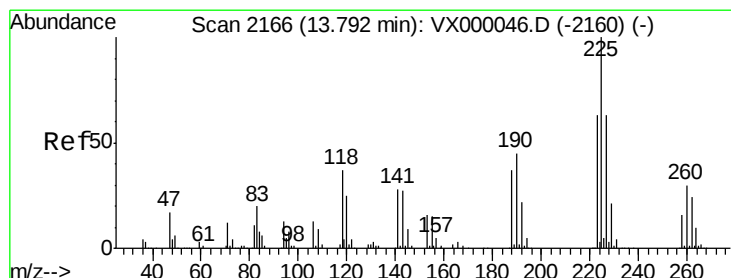
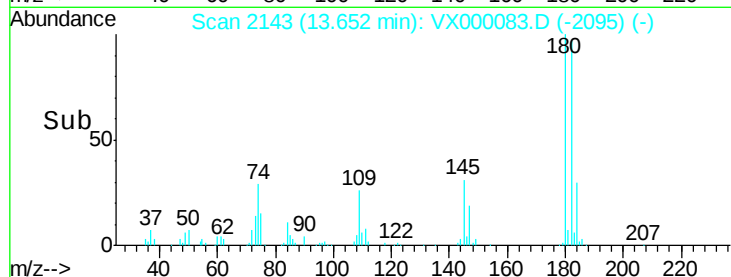
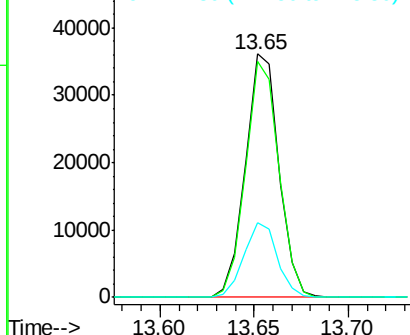
#93
 1,2,4-Trichlorobenzene
 Concen: 18.63 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Instrument :
 ClientSampleId :
 VX0213WBSD01

Tgt Ion:180 Resp: 44573
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.0 144.0
 145 30.4 14.7 44.1

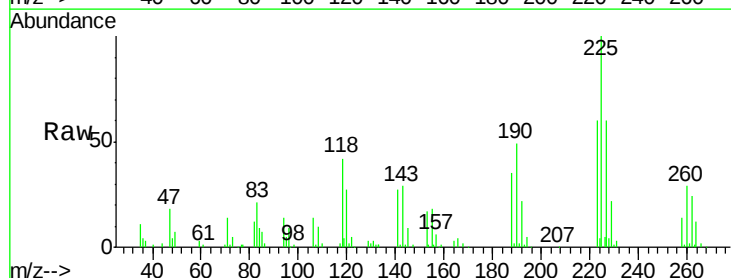


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

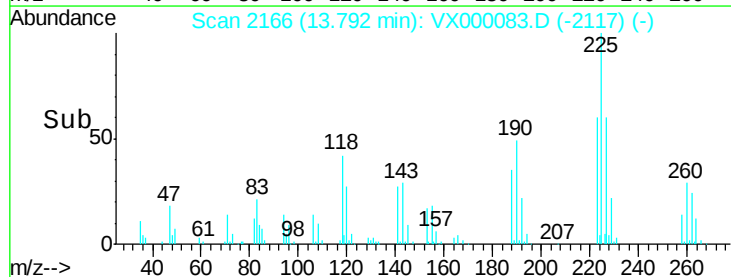
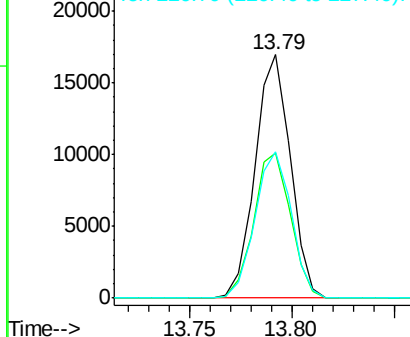


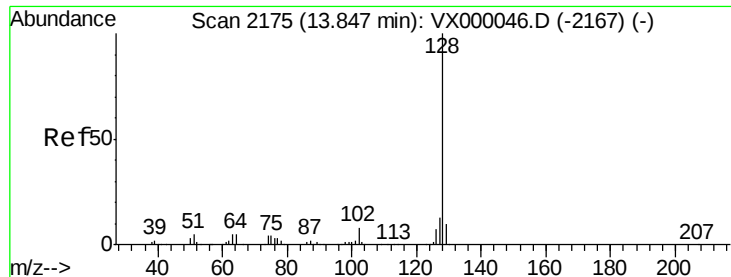
#94
 Hexachlorobutadiene
 Concen: 18.09 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000083.D
 Acq: 13 Feb 2018 18:41

Tgt Ion:225 Resp: 20409
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.9 95.5
 227 62.0 31.6 95.0



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

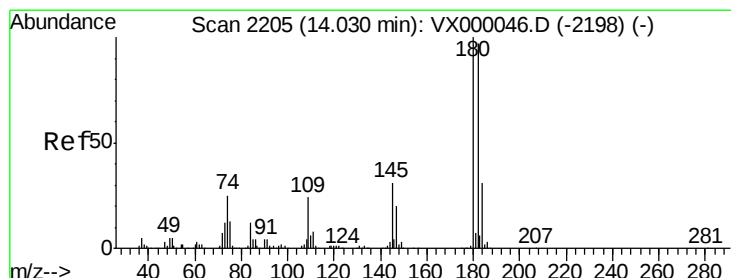
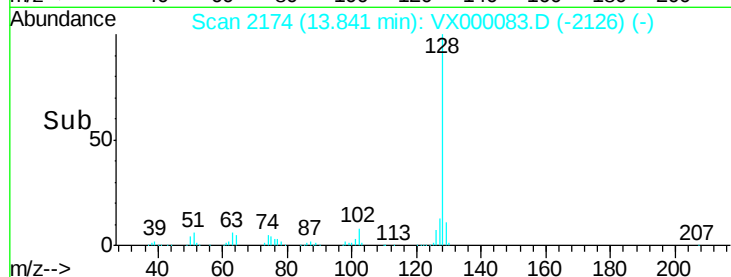
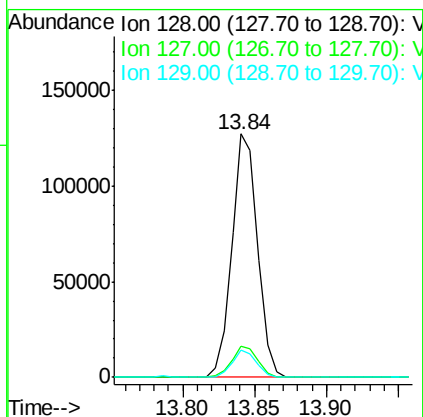
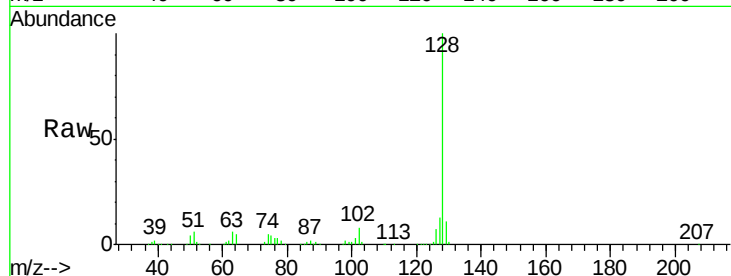




#95
Naphthalene
Concen: 20.40 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Instrument :
ClientSampled :
VX0213WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.06 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000083.D
Acq: 13 Feb 2018 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.7
145	31.0	15.7	47.0

