

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000077.D
 Acq On : 13 Feb 2018 15:49
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 14 03:20:47 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	104816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88389	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	61760	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	
35) Dibromofluoromethane	5.51	113	50613	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	8.73	98	189833	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.15	95	76050	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	748	0.79	ug/l	83
3) Chloromethane	1.32	50	902	0.93	ug/l	94
4) Vinyl Chloride	1.41	62	1038	0.95	ug/l	96
5) Bromomethane	1.65	94	1148	1.97	ug/l	90
6) Chloroethane	1.73	64	973	1.48	ug/l	89
7) Trichlorofluoromethane	1.93	101	1811	0.95	ug/l	97
8) Diethyl Ether	2.20	74	634	0.92	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	925	0.86	ug/l	96
10) Methyl Iodide	2.51	142	956	2.41	ug/l	94
11) Tert butyl alcohol	3.07	59	2188	4.99	ug/l #	90
12) 1,1-Dichloroethene	2.39	96	902	0.89	ug/l	83
13) Acrolein	2.30	56	1057	4.70	ug/l #	73
14) Allyl chloride	2.73	41	1826	1.03	ug/l #	88
15) Acrylonitrile	3.16	53	3512	4.60	ug/l	95
16) Acetone	2.45	43	3614	5.57	ug/l	100
17) Carbon Disulfide	2.57	76	2674	0.90	ug/l	96
18) Methyl Acetate	2.79	43	1779	1.09	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	2993	0.86	ug/l	96
20) Methylene Chloride	2.87	84	1137	1.05	ug/l #	89
21) trans-1,2-Dichloroethene	3.17	96	1041	0.95	ug/l #	84
22) Diisopropyl ether	3.89	45	2803	0.96	ug/l #	96
23) Vinyl Acetate	3.84	43	11651	4.40	ug/l #	93
24) 1,1-Dichloroethane	3.71	63	1774	0.98	ug/l #	92
25) 2-Butanone	4.72	43	4792	4.90	ug/l #	89
26) 2,2-Dichloropropane	4.59	77	1263	0.81	ug/l	79
27) cis-1,2-Dichloroethene	4.61	96	972	0.91	ug/l	97
28) Bromochloromethane	5.03	49	491	0.81	ug/l #	80
29) Tetrahydrofuran	5.19	42	3492	5.21	ug/l	90
30) Chloroform	5.24	83	1513	0.83	ug/l	92
31) Cyclohexane	5.59	56	1334	0.89	ug/l #	89
32) 1,1,1-Trichloroethane	5.50	97	1420	0.82	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	1267	0.84	ug/l	88
37) Ethyl Acetate	4.88	43	1984	1.01	ug/l #	76
38) Carbon Tetrachloride	5.79	117	1430	0.84	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.48	83	1467	0.80	ug/l #	84
40) Benzene	6.17	78	3638	0.85	ug/l #	83
41) Methacrylonitrile	5.06	41	1080	1.08	ug/l #	64
42) 1,2-Dichloroethane	6.21	62	1266	0.83	ug/l	99
43) Isopropyl Acetate	6.48	43	2525	0.86	ug/l #	93
44) Trichloroethene	7.22	130	1085	0.82	ug/l	90
45) 1,2-Dichloropropane	7.52	63	899	0.86	ug/l #	89
46) Dibromomethane	7.67	93	670	0.83	ug/l	93
47) Bromodichloromethane	7.91	83	1227	0.79	ug/l #	82
48) Methyl methacrylate	7.79	41	1268	0.88	ug/l	87
49) 1,4-Dioxane	7.77	88	499	12.94	ug/l #	78
51) 4-Methyl-2-Pentanone	8.66	43	8531	4.15	ug/l	95
52) Toluene	8.79	92	2325	0.81	ug/l	96
53) t-1,3-Dichloropropene	8.44	75	1425	0.78	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	1206	0.68	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	879	0.73	ug/l #	84
56) Ethyl methacrylate	9.20	69	1363	0.74	ug/l #	89
57) 1,3-Dichloropropane	9.38	76	1534	0.82	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	4025	4.41	ug/l	98
59) 2-Hexanone	9.51	43	7262	4.35	ug/l	94
60) Dibromochloromethane	9.59	129	882	0.64	ug/l	84
61) 1,2-Dibromoethane	9.68	107	898	0.68	ug/l	93
64) Tetrachloroethene	9.34	164	921	0.75	ug/l	93
65) Chlorobenzene	10.15	112	2641	0.77	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	952	0.77	ug/l #	63
67) Ethyl Benzene	10.26	91	4665	0.82	ug/l	99
68) m/p-Xylenes	10.37	106	3499	1.54	ug/l	95
69) o-Xylene	10.71	106	1731	0.79	ug/l	96
70) Styrene	10.72	104	2506	0.67	ug/l	90
71) Bromoform	10.86	173	688	0.59	ug/l #	95
73) Isopropylbenzene	11.02	105	4668	0.83	ug/l	99
74) N-amyl acetate	6.48	43	2525	0.90	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	1666	0.87	ug/l	92
76) 1,2,3-Trichloropropane	11.30	75	1455m	0.87	ug/l	
77) Bromobenzene	11.26	156	1288	0.85	ug/l	93
78) n-propylbenzene	11.37	91	5565	0.86	ug/l	97
79) 2-Chlorotoluene	11.43	91	3103	0.83	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	3807	0.81	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.09	75	439m	0.65	ug/l	
82) 4-Chlorotoluene	11.52	91	4035	0.90	ug/l	95
83) tert-Butylbenzene	11.78	119	3898	0.82	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	3861	0.80	ug/l	95
85) sec-Butylbenzene	11.96	105	4967	0.85	ug/l	99
86) p-Isopropyltoluene	12.07	119	4187	0.80	ug/l	91
87) 1,3-Dichlorobenzene	12.04	146	2398	0.84	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	2401m	0.82	ug/l	
89) n-Butylbenzene	12.40	91	4133	0.84	ug/l	99
90) Hexachloroethane	12.60	117	719	0.78	ug/l	85
91) 1,2-Dichlorobenzene	12.40	146	2424	0.86	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.01	75	485	0.89	ug/l	80

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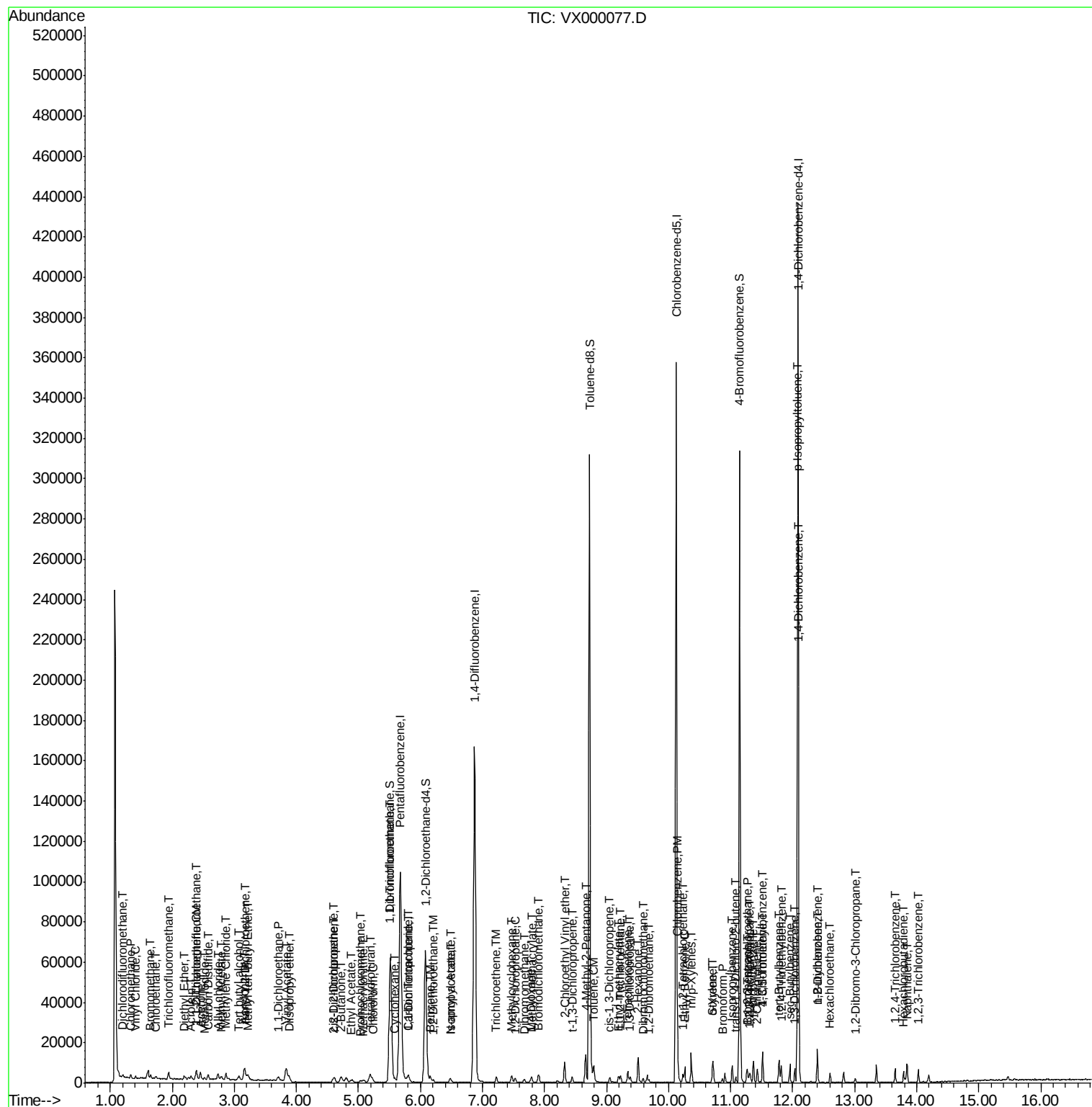
Quant Time: Feb 14 03:20:47 2018
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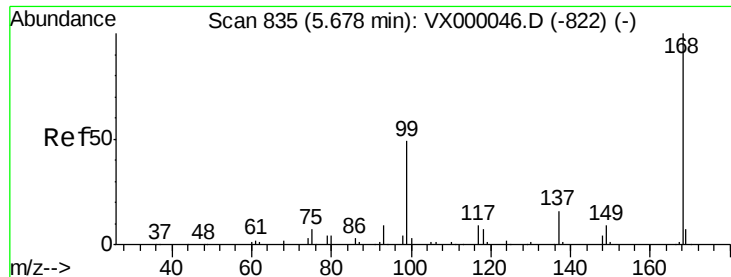
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1927	0.90	ug/l	96
94) Hexachlorobutadiene	13.79	225	808	0.80	ug/l	96
95) Naphthalene	13.84	128	5792	0.83	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1717	0.82	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000077.D

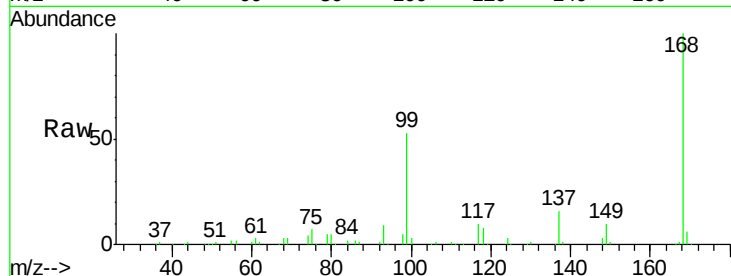
Acq: 13 Feb 2018 15:49

Tot Ion:168 Resp: 104816

Ion Ratio Lower Upper

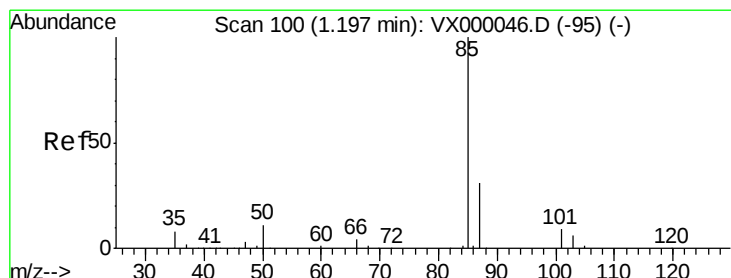
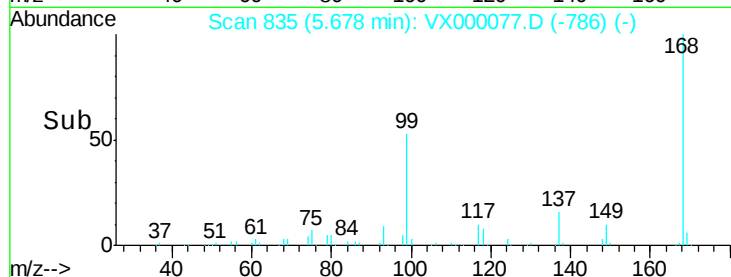
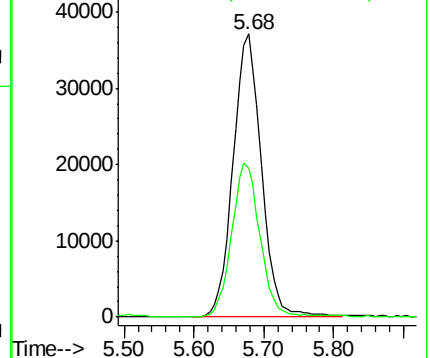
168 100

99 52.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.79 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000077.D

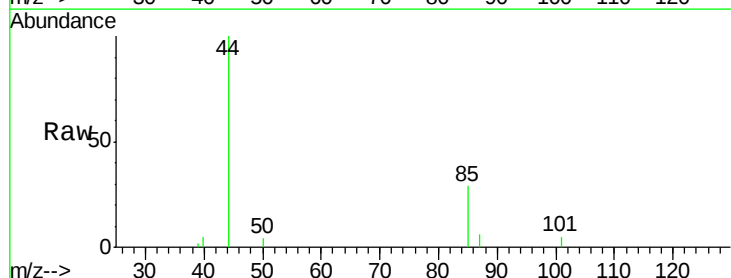
Acq: 13 Feb 2018 15:49

Tgt Ion: 85 Resp: 748

Ion Ratio Lower Upper

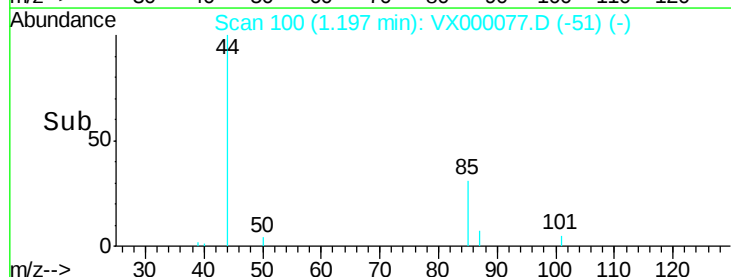
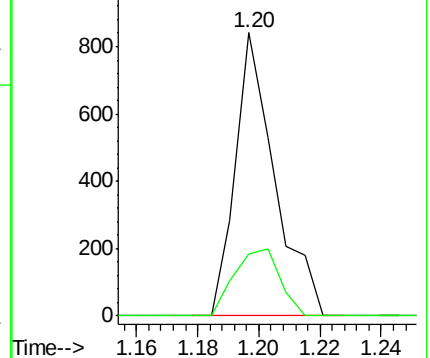
85 100

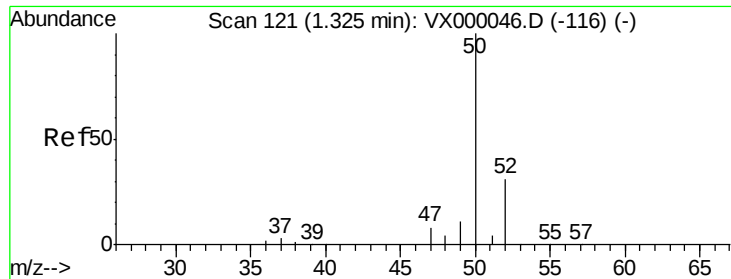
87 22.0 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000077.D

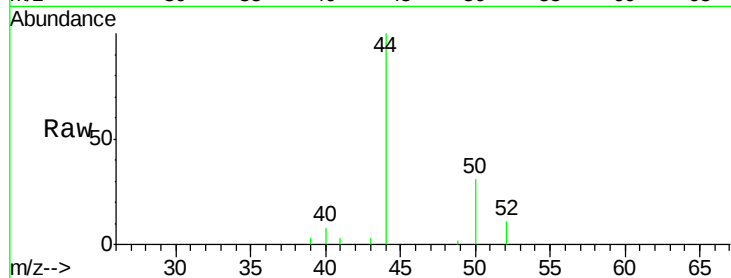
Acq: 13 Feb 2018 15:49

Tot Ion: 50 Resp: 902

Ion Ratio Lower Upper

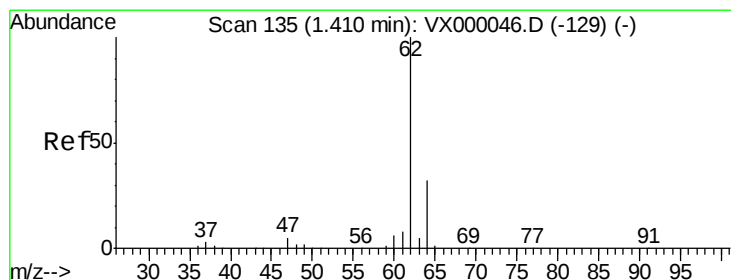
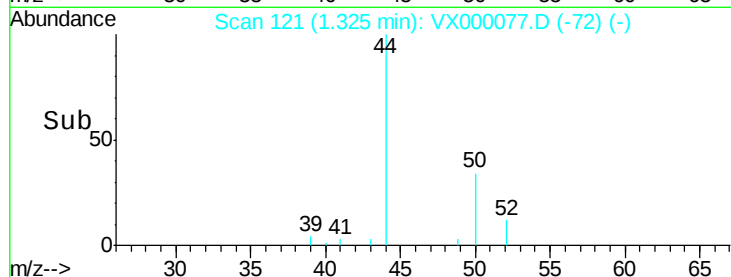
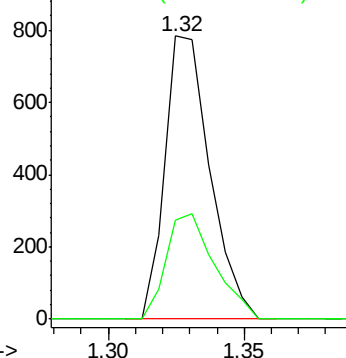
50 100

52 34.8 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.95 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000077.D

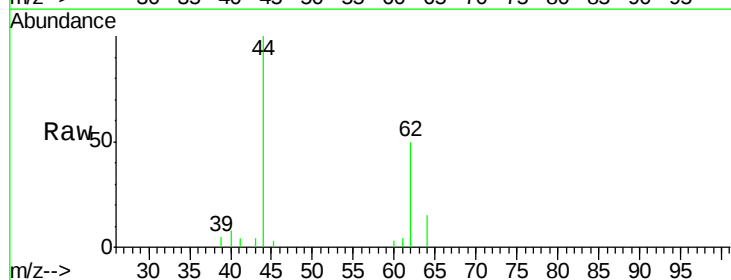
Acq: 13 Feb 2018 15:49

Tgt Ion: 62 Resp: 1038

Ion Ratio Lower Upper

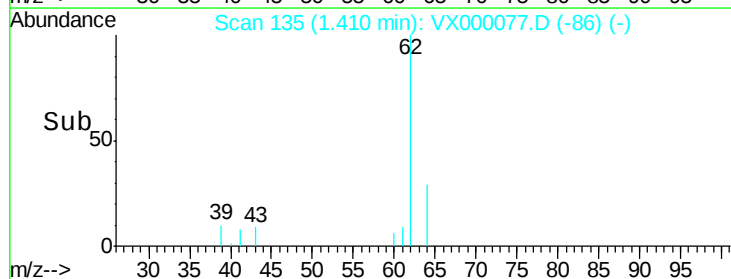
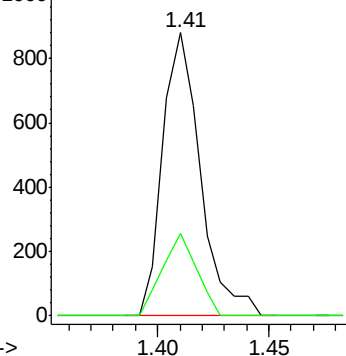
62 100

64 29.2 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.97 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000077.D

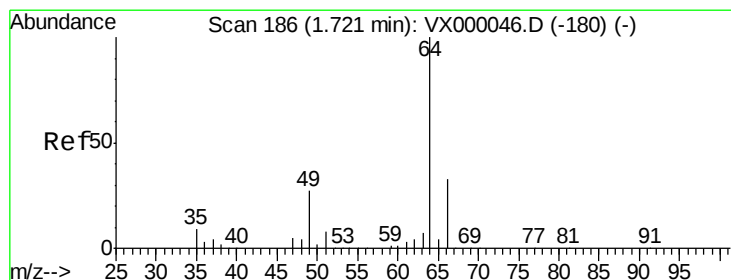
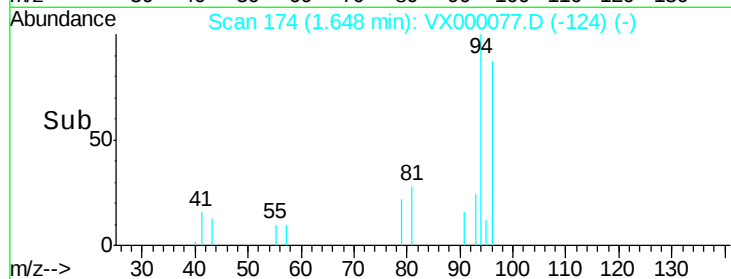
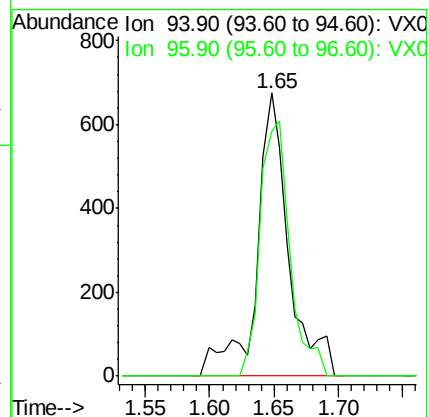
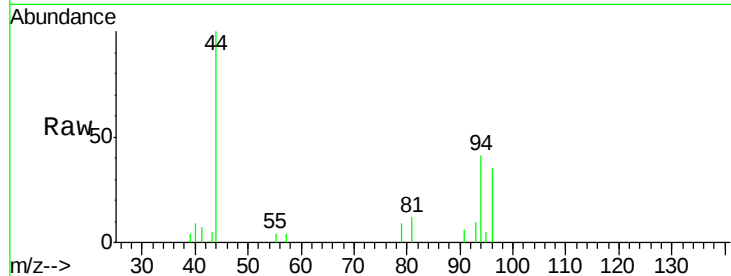
Acq: 13 Feb 2018 15:49

Tot Ion: 94 Resp: 1148

Ion Ratio Lower Upper

94 100

96 86.5 76.7 115.1



#6

Chloroethane

Concen: 1.48 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000077.D

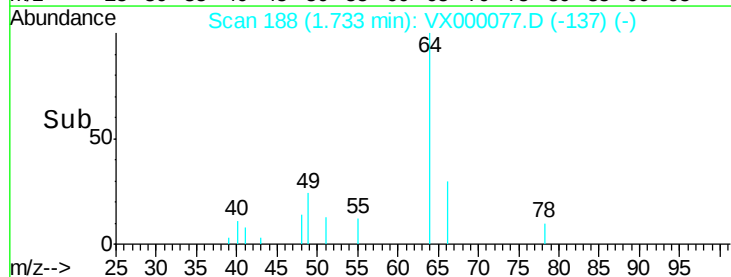
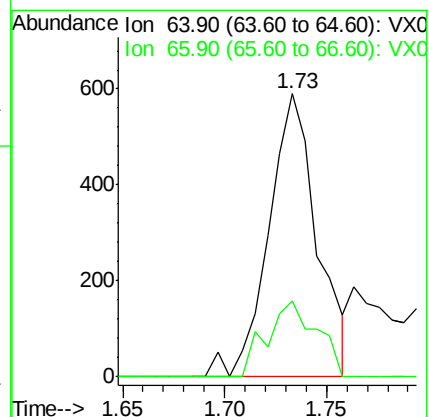
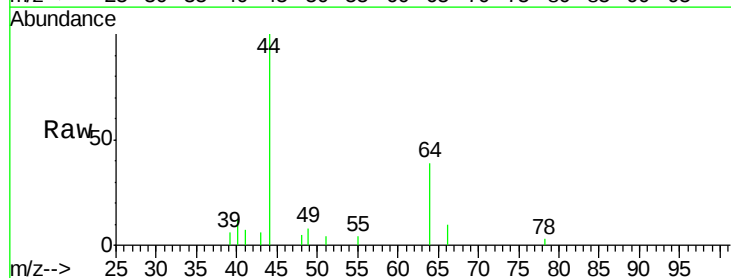
Acq: 13 Feb 2018 15:49

Tgt Ion: 64 Resp: 973

Ion Ratio Lower Upper

64 100

66 26.6 26.4 39.6





#7

Trichlorofluoromethane

Concen: 0.95 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX000077.D

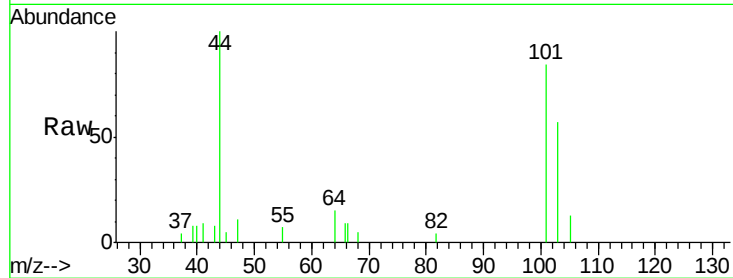
Acq: 13 Feb 2018 15:49

Tot Ion: 101 Resp: 1811

Ion Ratio Lower Upper

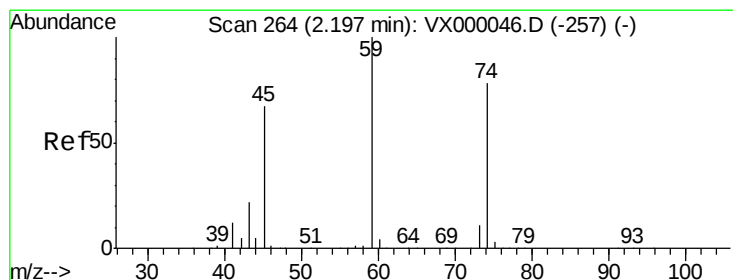
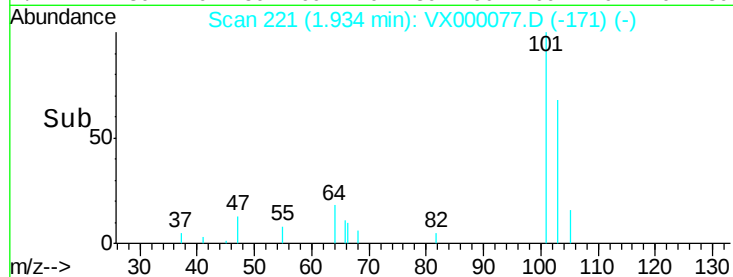
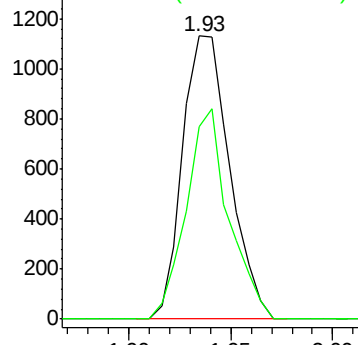
101 100

103 67.8 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.92 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000077.D

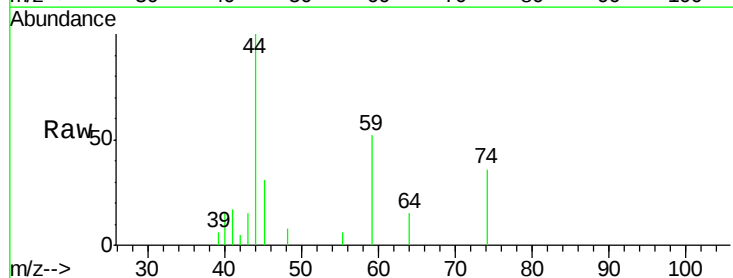
Acq: 13 Feb 2018 15:49

Tgt Ion: 74 Resp: 634

Ion Ratio Lower Upper

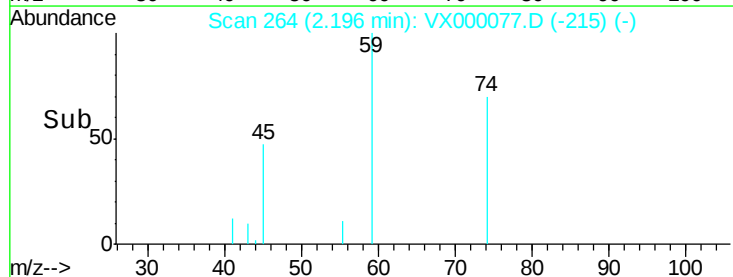
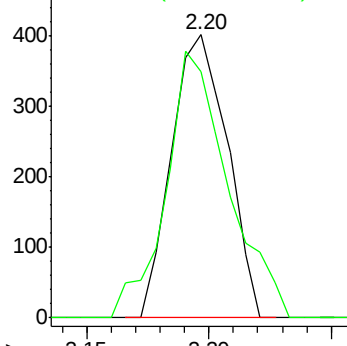
74 100

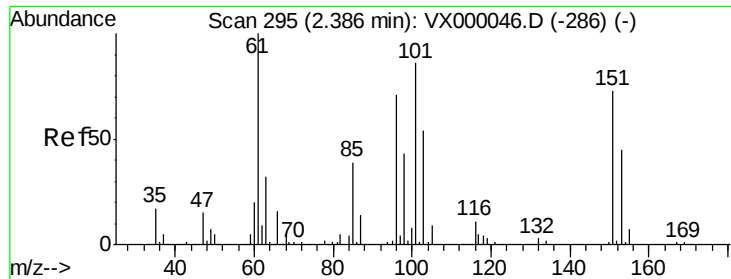
45 105.2 44.3 132.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.86 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

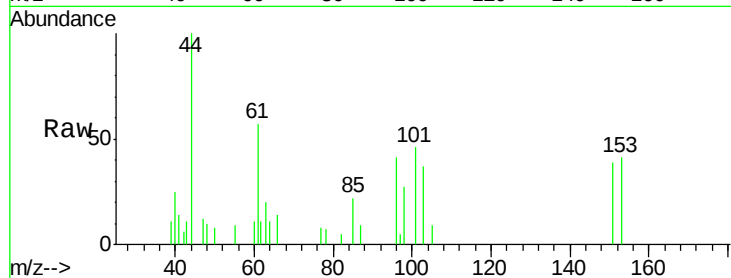
Tot Ion:101 Resp: 925

Ion Ratio Lower Upper

101 100

85 44.8 36.6 54.8

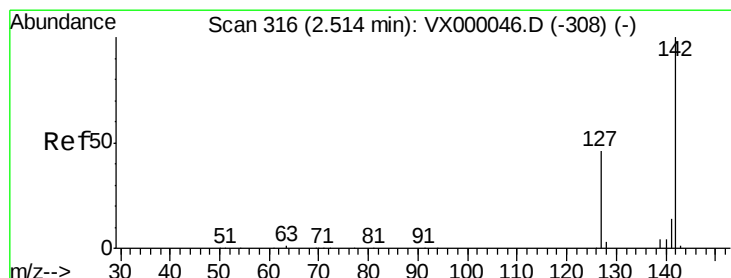
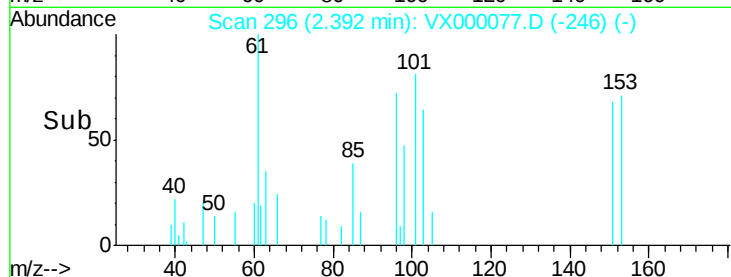
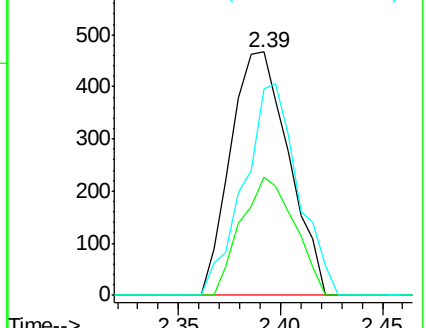
151 81.0 68.8 103.2



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: 2.41 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

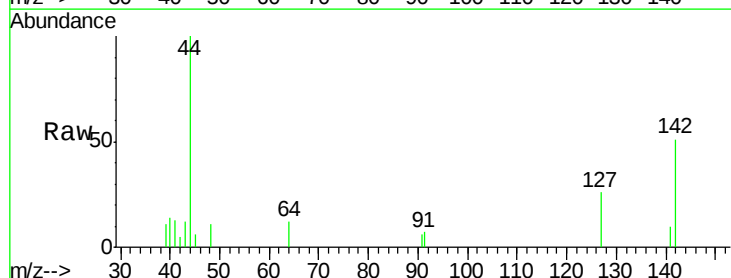
Tgt Ion:142 Resp: 956

Ion Ratio Lower Upper

142 100

127 50.9 36.8 55.2

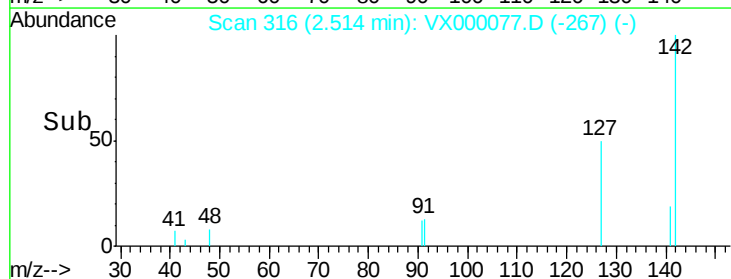
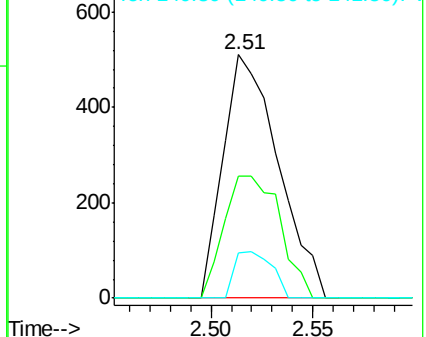
141 13.0 11.4 17.0

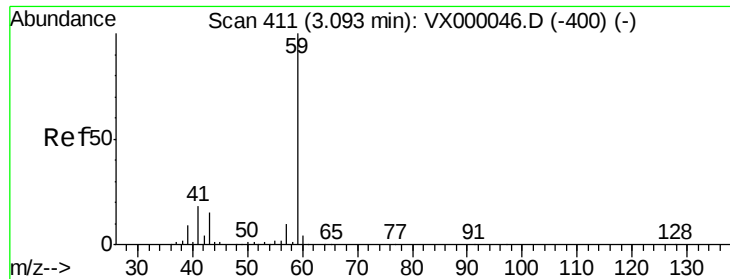


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

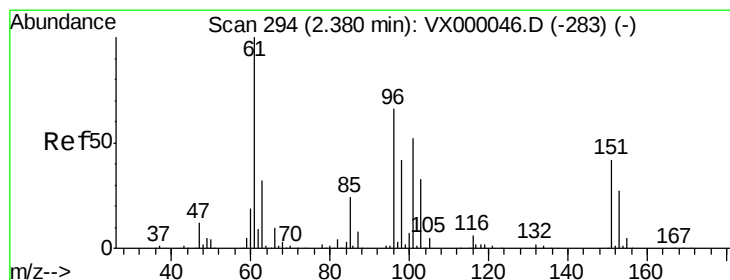
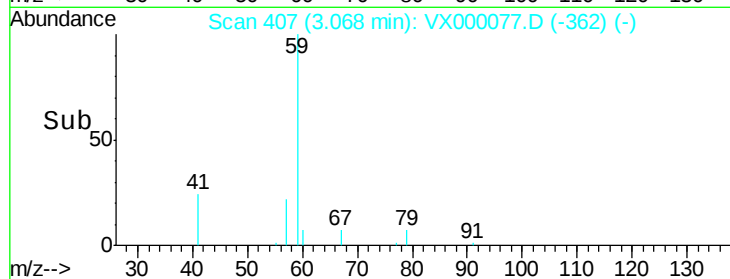
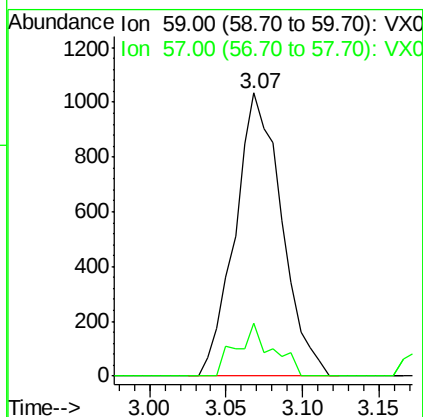
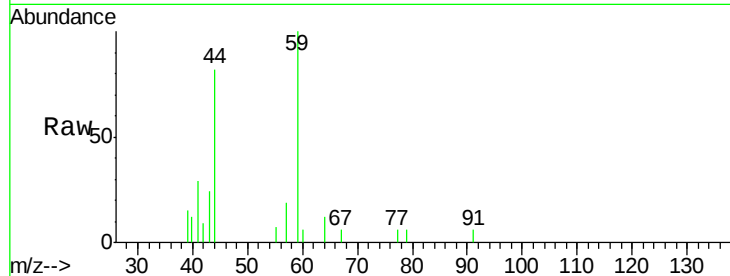
Ion 140.80 (140.50 to 141.50): V





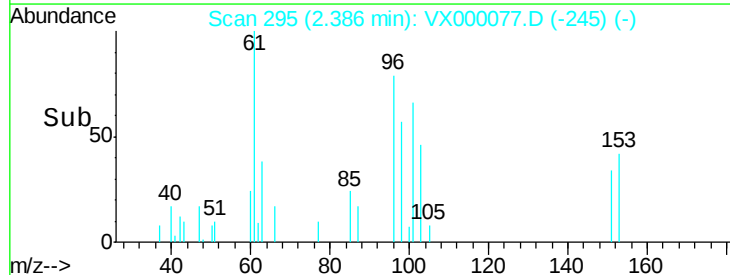
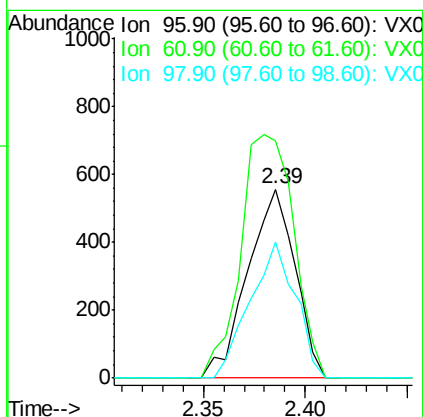
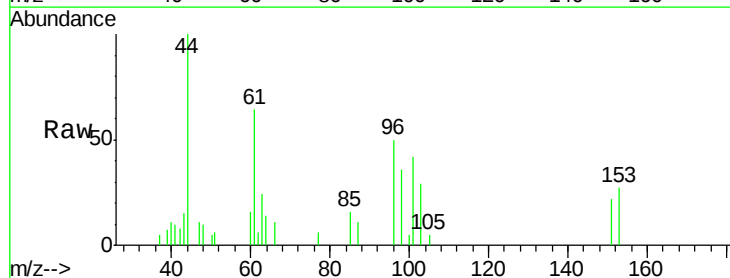
#11
Tert butvl alcohol
Concen: 4.99 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

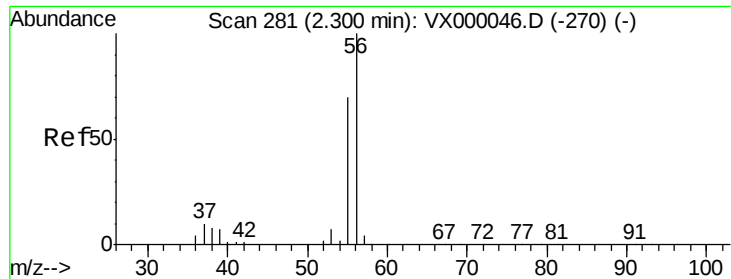
Tot Ion: 59 Resp: 2188
Ion Ratio Lower Upper
59 100
57 14.2 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 0.89 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion: 96 Resp: 902
Ion Ratio Lower Upper
96 100
61 125.9 120.3 180.5
98 72.0 51.0 76.4





#13

Acrolein

Concen: 4.70 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000077.D

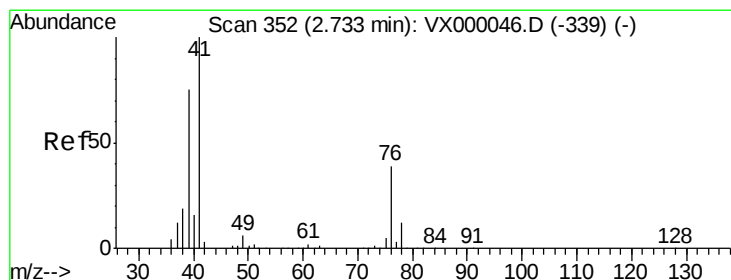
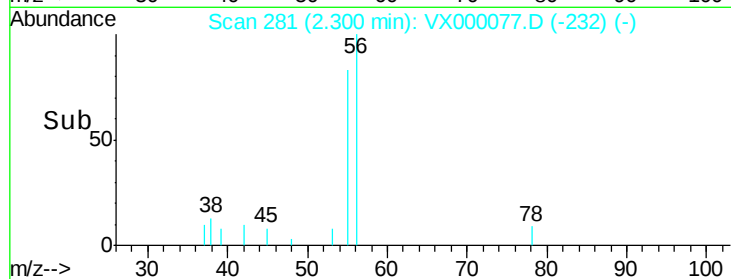
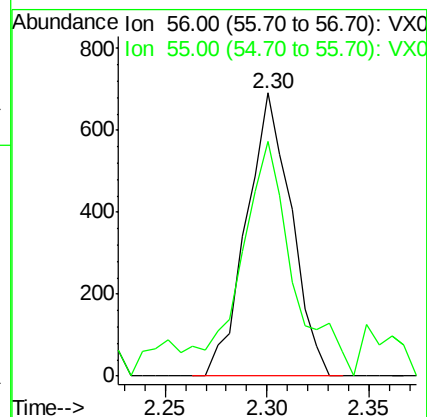
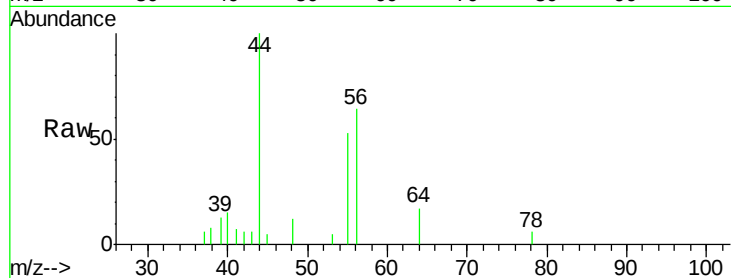
Acq: 13 Feb 2018 15:49

Tot Ion: 56 Resp: 1057

Ion Ratio Lower Upper

56 100

55 92.4 56.4 84.6#



#14

Allyl chloride

Concen: 1.03 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

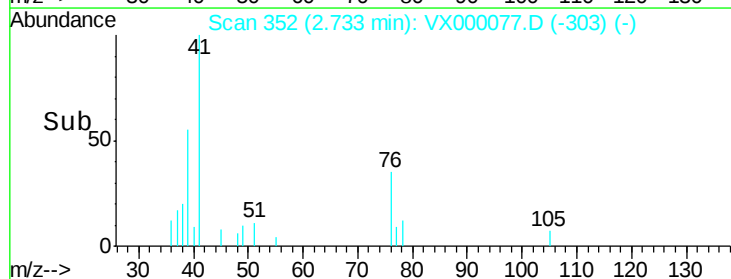
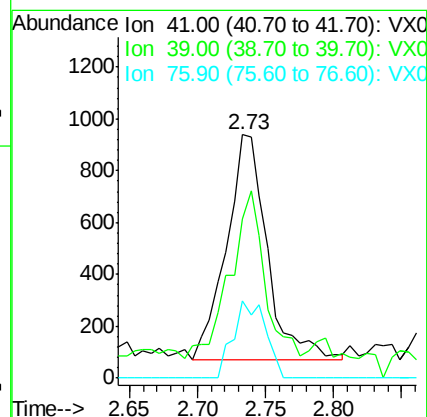
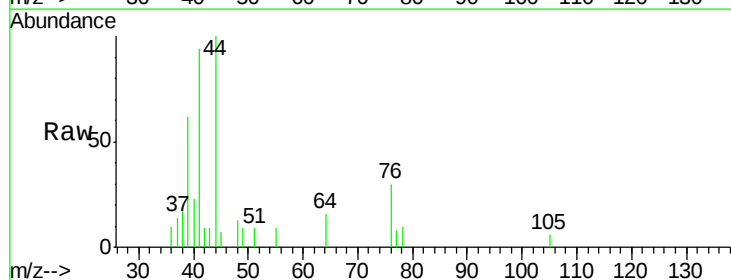
Tgt Ion: 41 Resp: 1826

Ion Ratio Lower Upper

41 100

39 61.7 55.8 83.6

76 27.0 28.7 43.1#





#15

Acrylonitrile

Concen: 4.60 ug/l

RT: 3.16 min Scan# 422

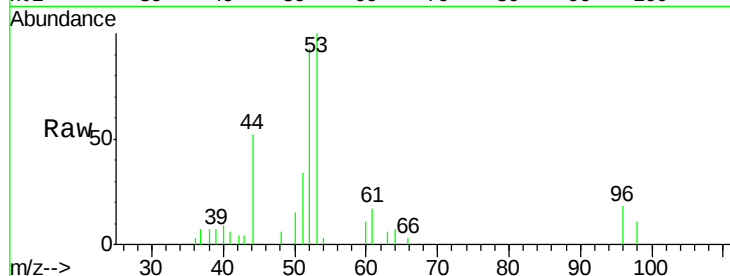
Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

Tot Ion: 53 Resp: 3512

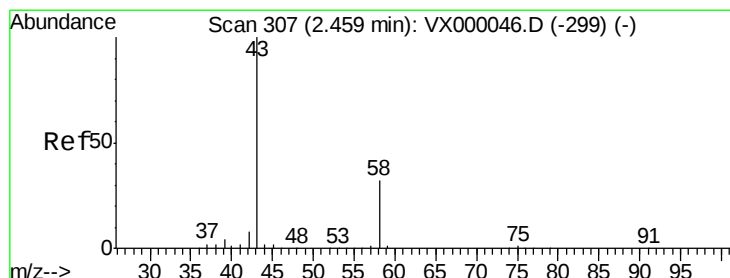
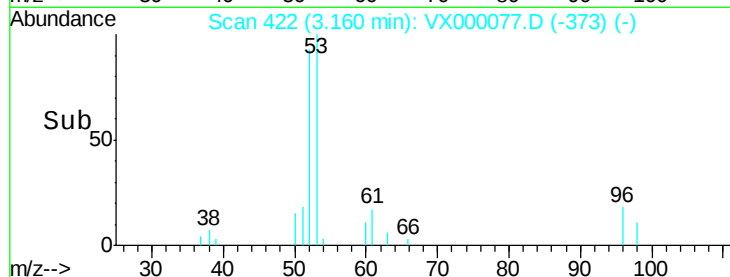
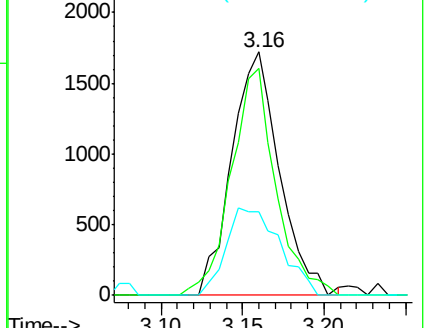
Ion	Ratio	Lower	Upper
53	100		
52	87.2	66.5	99.7
51	40.2	29.1	43.7



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: 5.57 ug/l

RT: 2.45 min Scan# 306

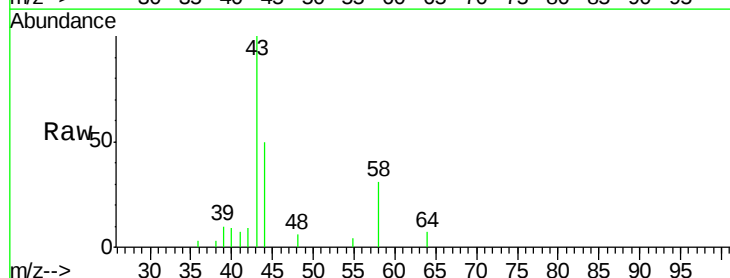
Delta R.T. -0.01 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

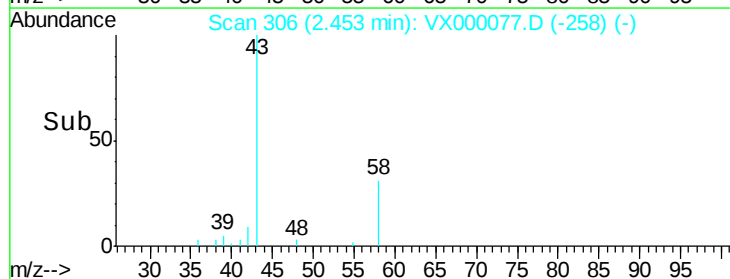
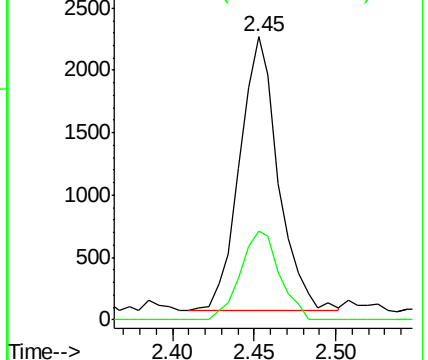
Tgt Ion: 43 Resp: 3614

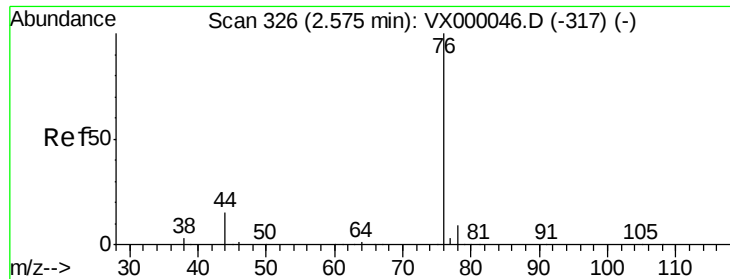
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.9	38.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.90 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000077.D

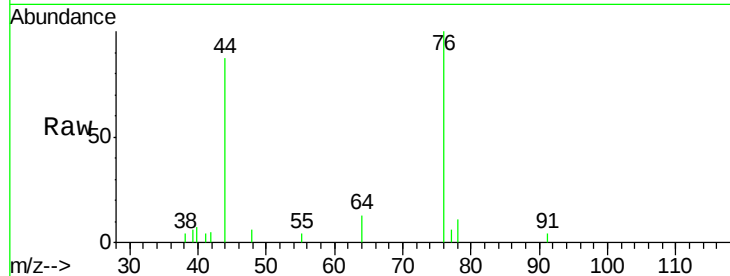
Acq: 13 Feb 2018 15:49

Tot Ion: 76 Resp: 2674

Ion Ratio Lower Upper

76 100

78 10.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

1500

1000

500

0

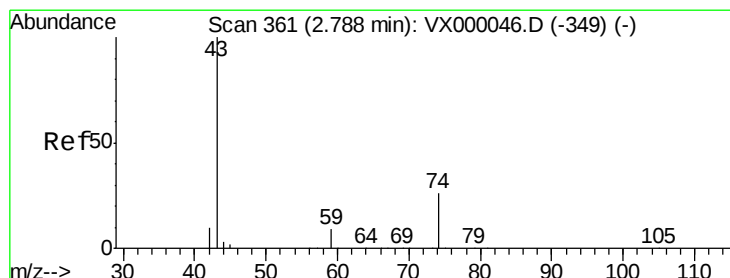
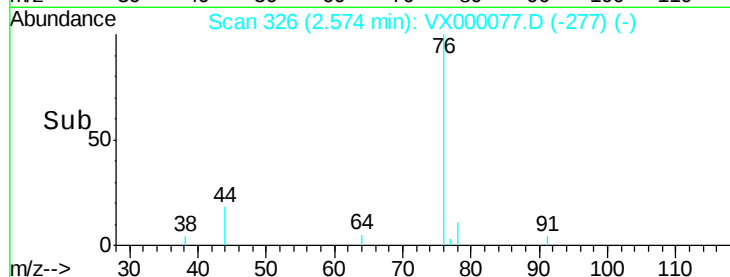
Time-->

2.50

2.55

2.60

2.65



#18

Methyl Acetate

Concen: 1.09 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000077.D

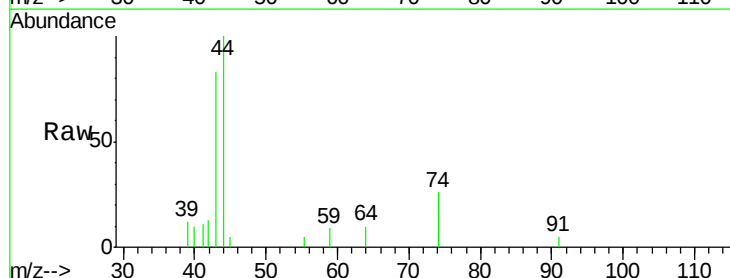
Acq: 13 Feb 2018 15:49

Tgt Ion: 43 Resp: 1779

Ion Ratio Lower Upper

43 100

74 28.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

1000

800

600

400

200

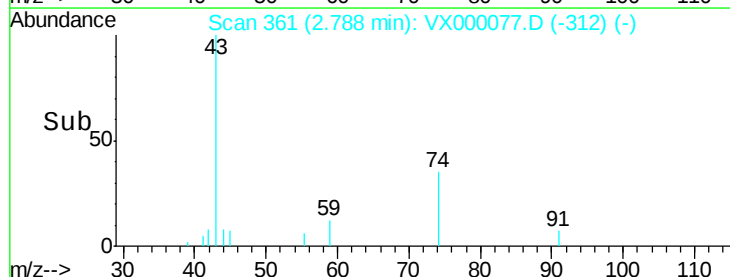
0

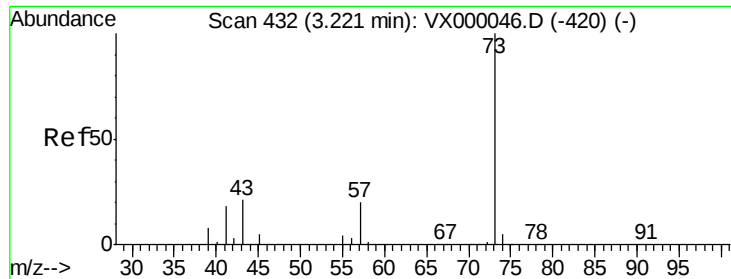
Time-->

2.75

2.80

2.85

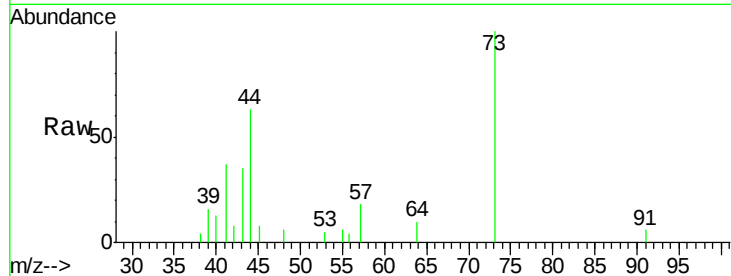




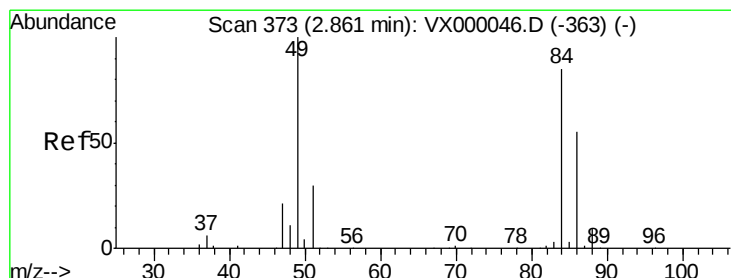
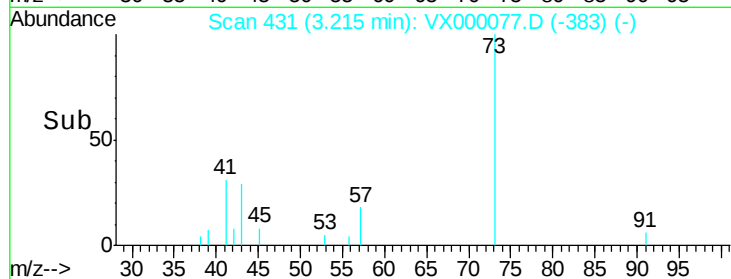
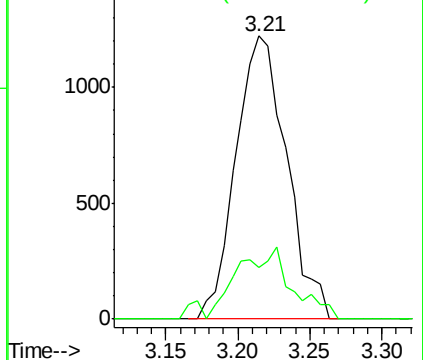
#19

Methyl tert-butyl Ether
 Concen: 0.86 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tot Ion: 73 Resp: 2993
 Ion Ratio Lower Upper
 73 100
 57 18.2 16.2 24.4



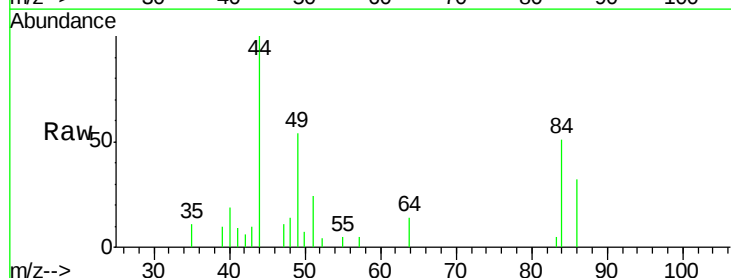
Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



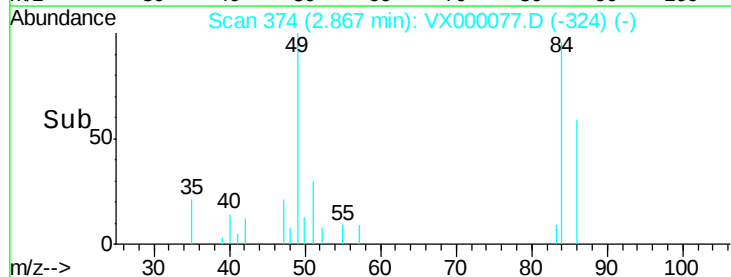
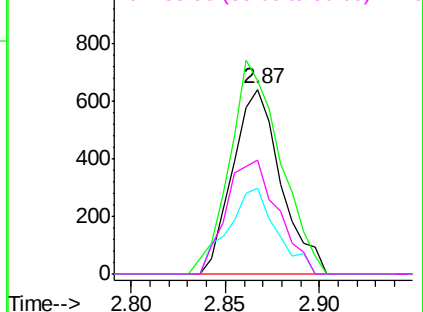
#20

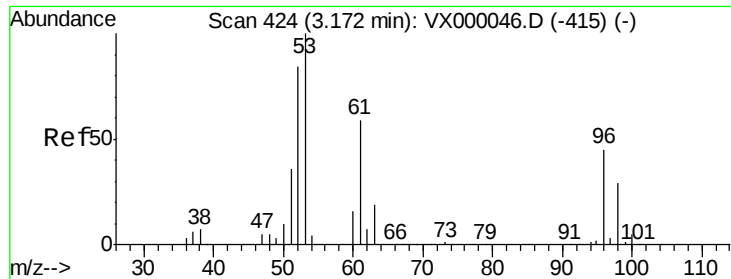
Methylene Chloride
 Concen: 1.05 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tgt Ion: 84 Resp: 1137
 Ion Ratio Lower Upper
 84 100
 49 104.5 94.4 141.6
 51 46.9 28.3 42.5#
 86 61.6 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VX0
 Ion 48.90 (48.60 to 49.60): VX0
 Ion 50.90 (50.60 to 51.60): VX0
 Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.95 ug/l

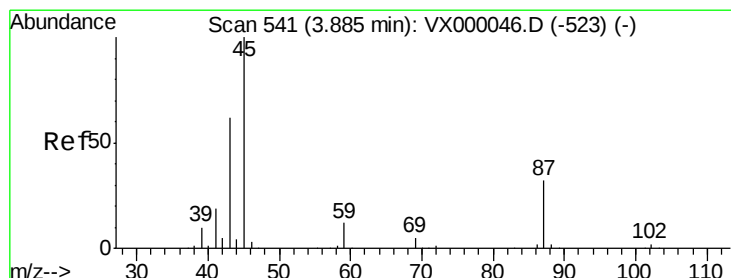
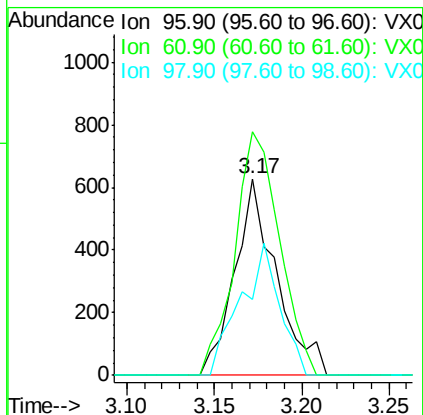
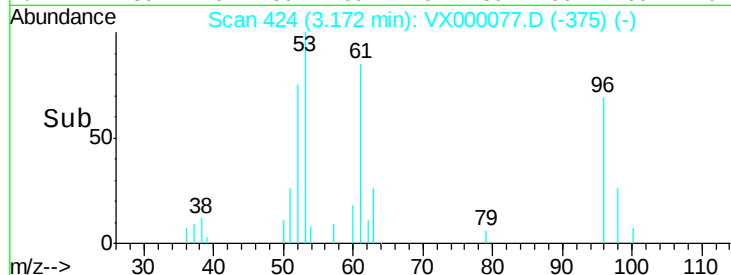
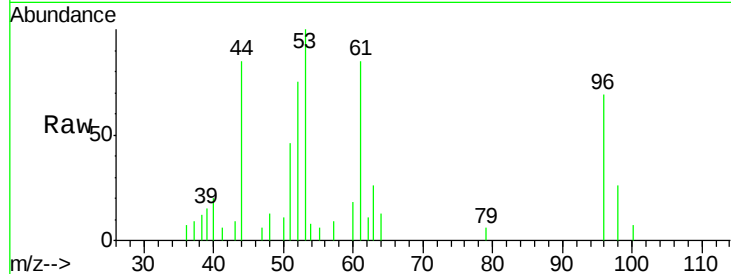
RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

Tot Ion:	96	Resp:	1041
Ion	Ratio	Lower	Upper
96	100		
61	123.7	104.9	157.3
98	38.4	52.4	78.6#



#22

Diisopropyl ether

Concen: 0.96 ug/l

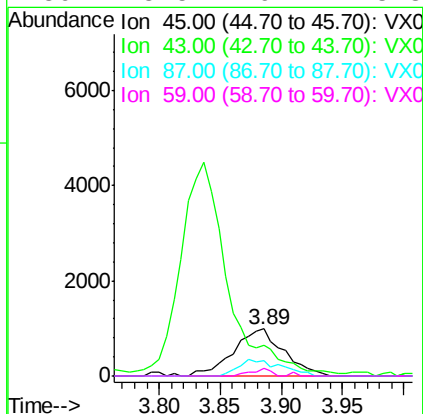
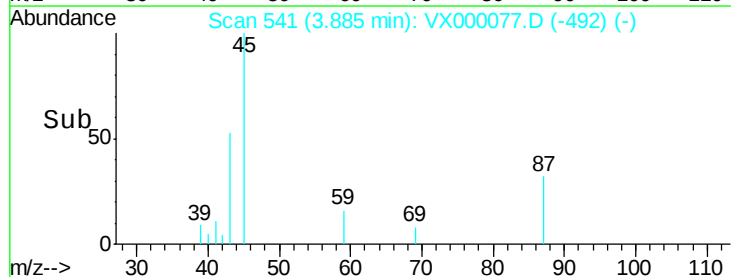
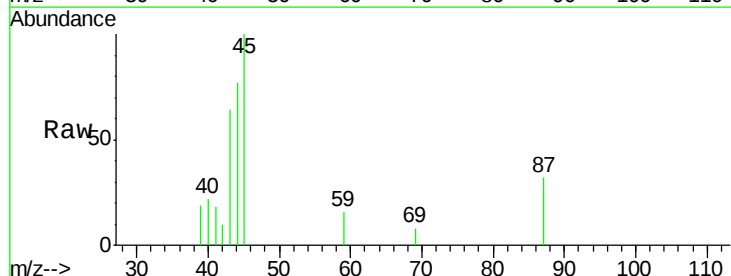
RT: 3.89 min Scan# 541

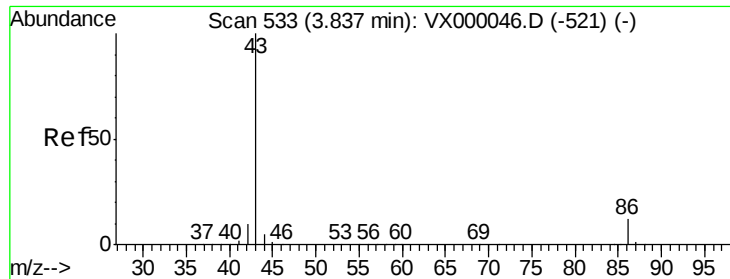
Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

Tgt Ion:	45	Resp:	2803
Ion	Ratio	Lower	Upper
45	100		
43	57.6	49.6	74.4
87	32.4	25.9	38.9
59	15.5	9.2	13.8#





#23

Vinyl Acetate

Concen: 4.40 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000077.D

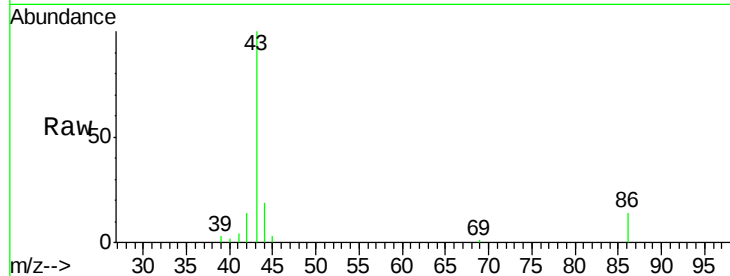
Acq: 13 Feb 2018 15:49

Tot Ion: 43 Resp: 11651

Ion Ratio Lower Upper

43 100

86 14.2 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

4000

3000

2000

1000

0

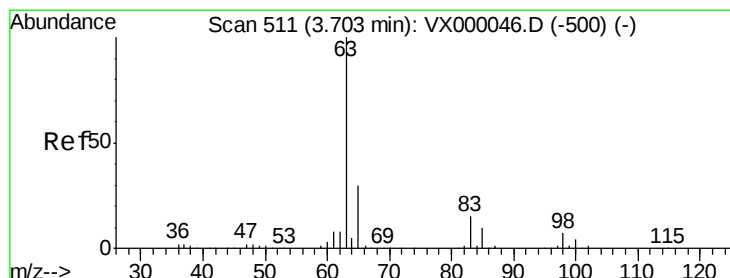
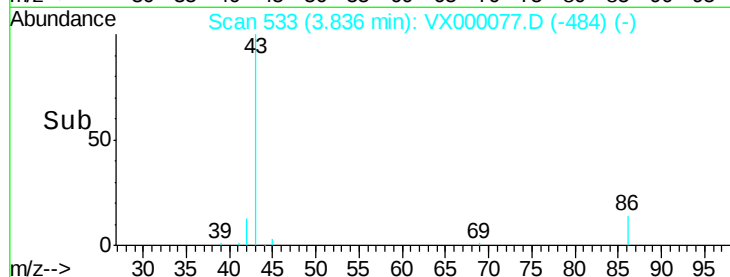
Time-->

3.70

3.80

3.90

4.00



#24

1,1-Dichloroethane

Concen: 0.98 ug/l

RT: 3.71 min Scan# 513

Delta R.T. 0.01 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

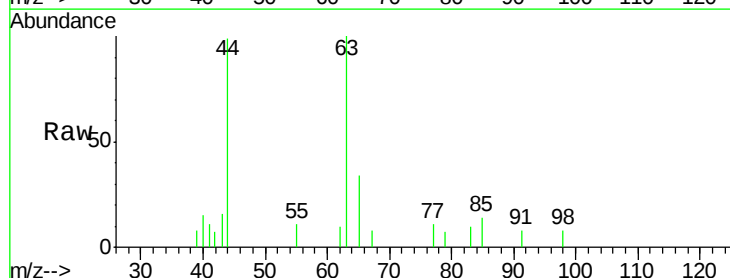
Tgt Ion: 63 Resp: 1774

Ion Ratio Lower Upper

63 100

98 8.4 3.3 9.9

100 0.0 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

1000

800

600

400

200

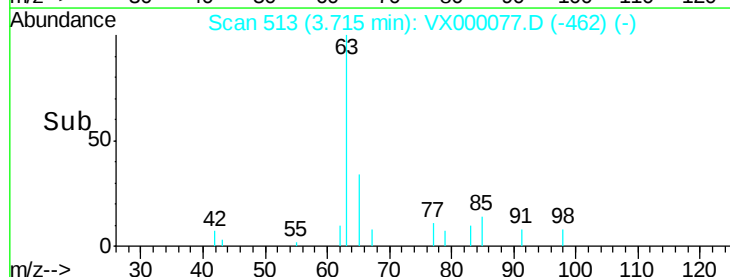
0

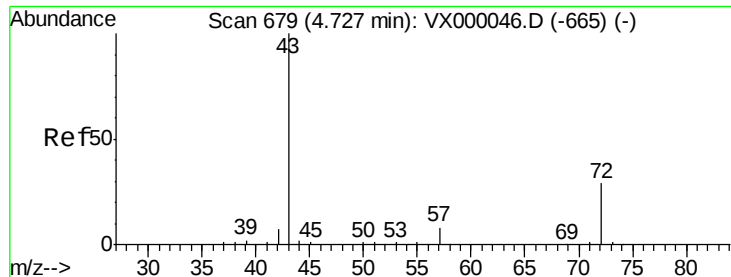
Time-->

3.65

3.70

3.75





#25

2-Butanone

Concen: 4.90 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000077.D

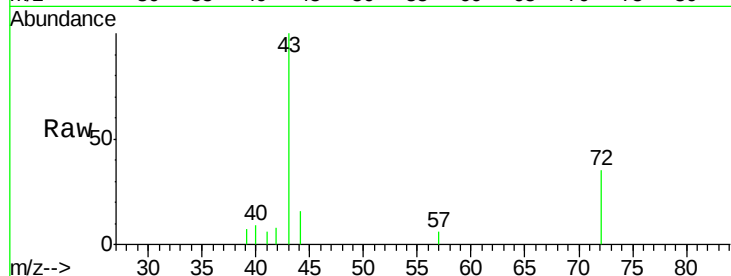
Acq: 13 Feb 2018 15:49

Tot Ion: 43 Resp: 4792

Ion Ratio Lower Upper

43 100

72 34.7 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VX000046.D

Ion 72.00 (71.70 to 72.70): VX000046.D

4.72

1500

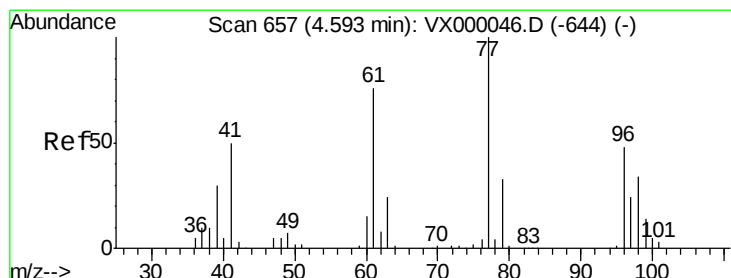
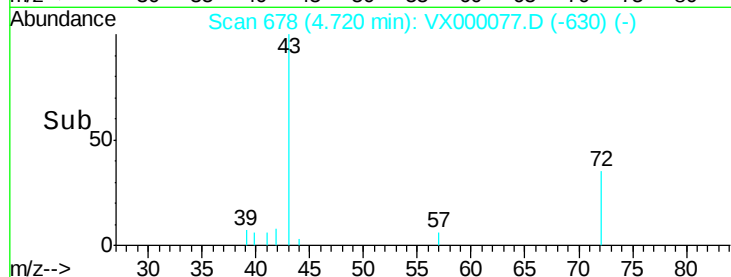
1000

500

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 0.81 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000077.D

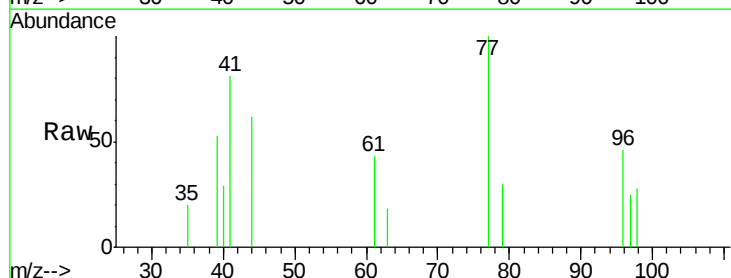
Acq: 13 Feb 2018 15:49

Tgt Ion: 77 Resp: 1263

Ion Ratio Lower Upper

77 100

97 13.2 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VX000046.D

Ion 96.90 (96.60 to 97.60): VX000046.D

4.59

400

300

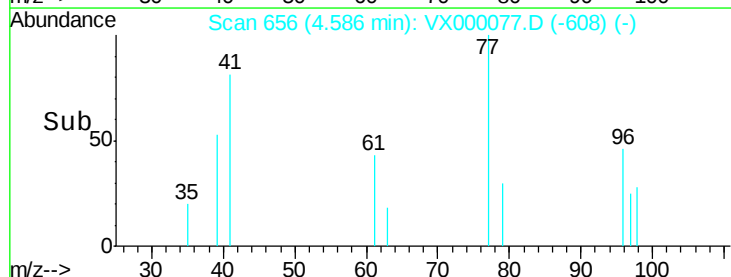
200

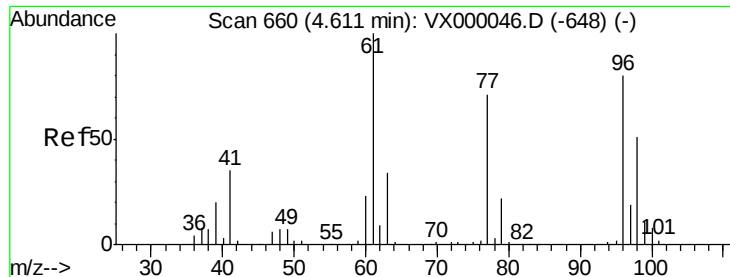
100

0

Time-->

4.50 4.55 4.60 4.65

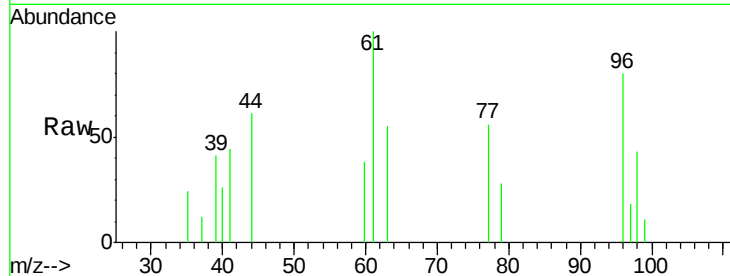




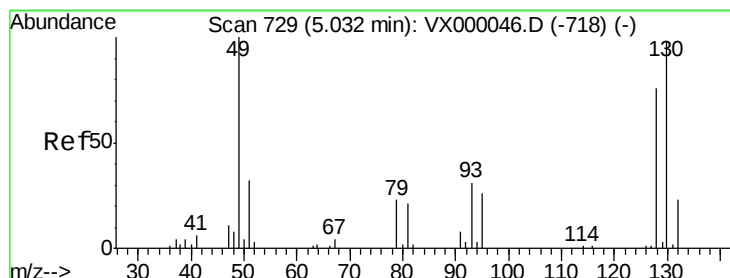
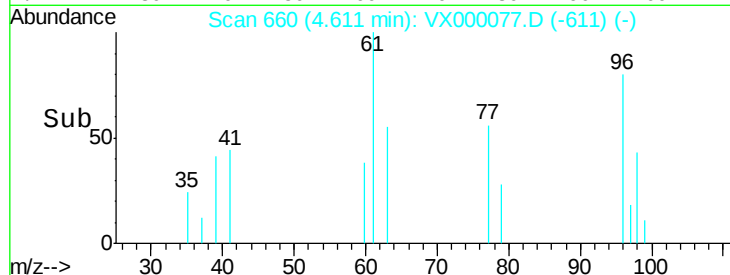
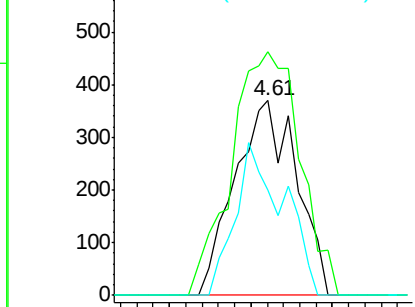
#27

cis-1,2-Dichloroethene
Concen: 0.91 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tot Ion: 96 Resp: 972
Ion Ratio Lower Upper
96 100
61 138.4 0.0 274.4
98 61.0 0.0 132.4



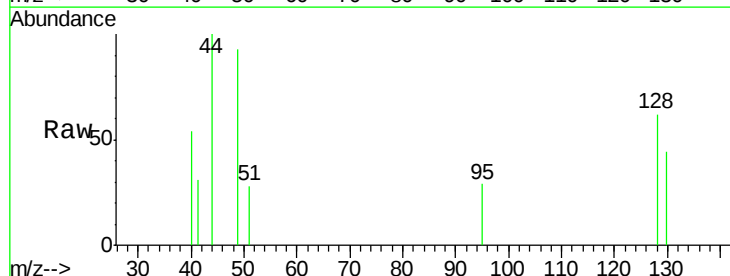
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



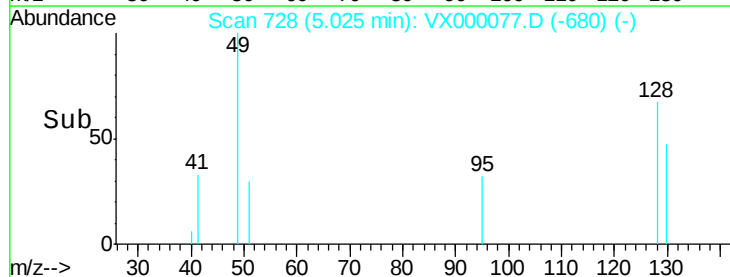
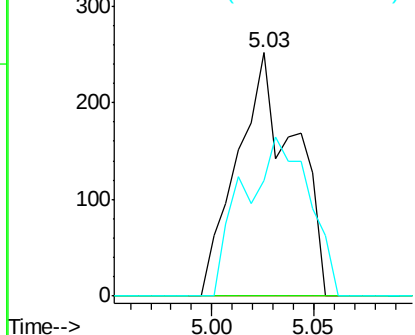
#28

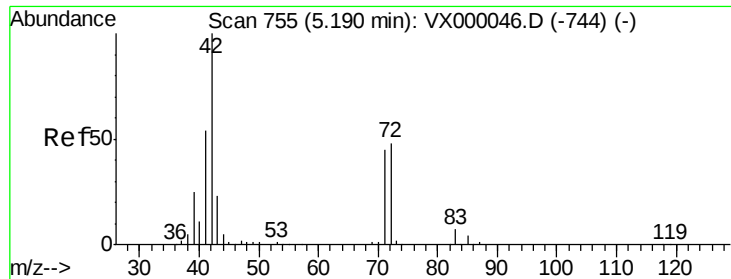
Bromochloromethane
Concen: 0.81 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion: 49 Resp: 491
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 74.9 75.6 113.4#



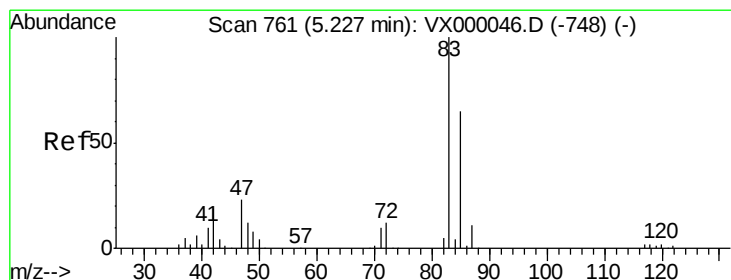
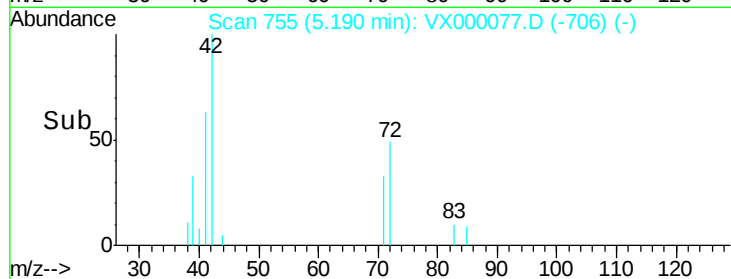
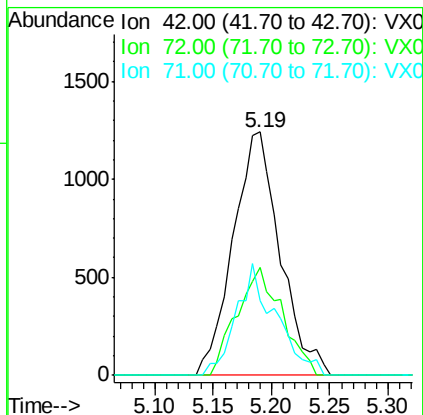
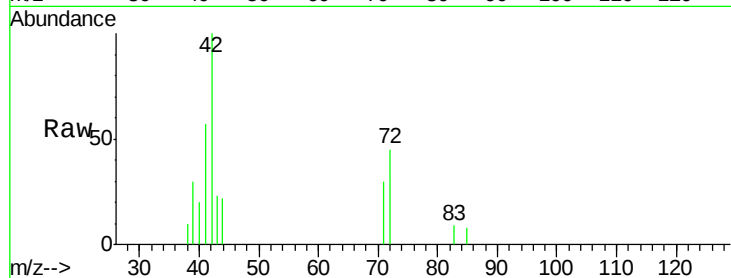
Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





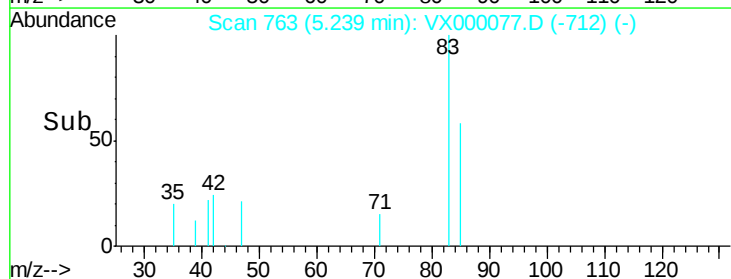
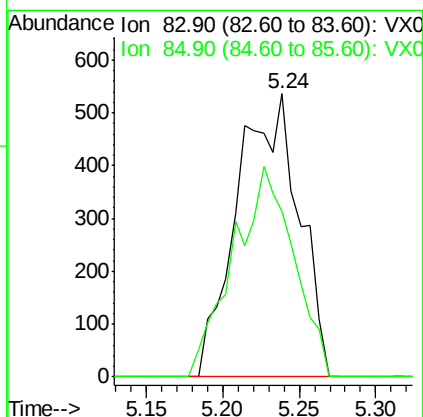
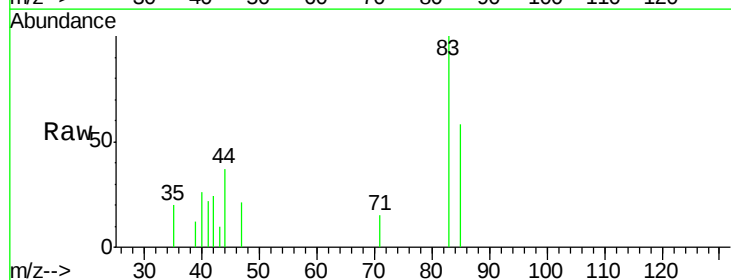
#29
Tetrahydrofuran
Concen: 5.21 ug/l
RT: 5.19 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

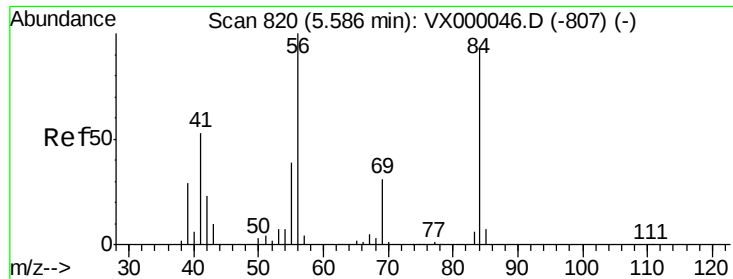
Tot Ion: 42 Resp: 3492
Ion Ratio Lower Upper
42 100
72 42.7 39.0 58.6
71 38.7 36.7 55.1



#30
Chloroform
Concen: 0.83 ug/l
RT: 5.24 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

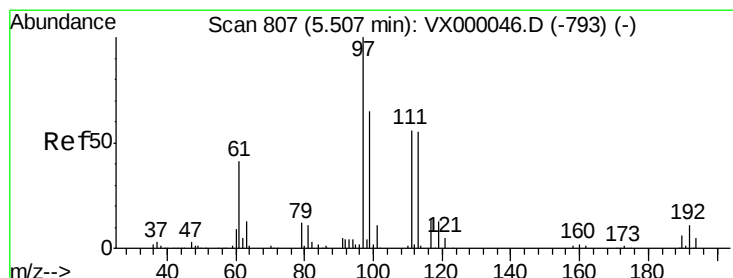
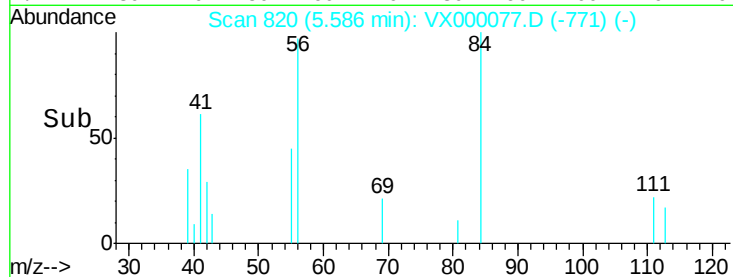
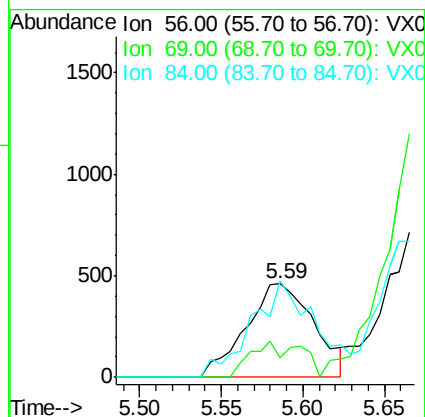
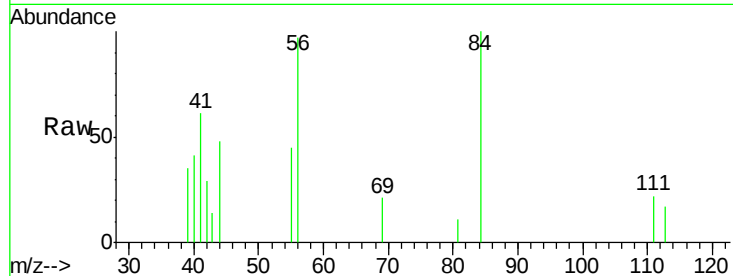
Tgt Ion: 83 Resp: 1513
Ion Ratio Lower Upper
83 100
85 58.4 51.9 77.9





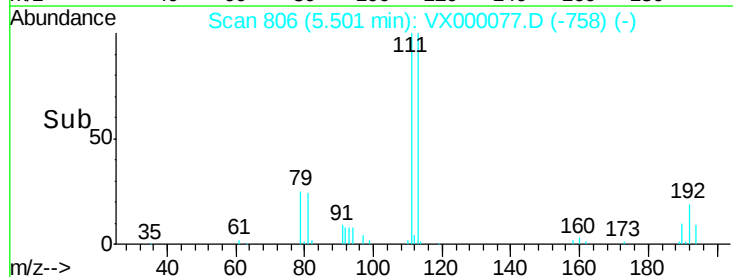
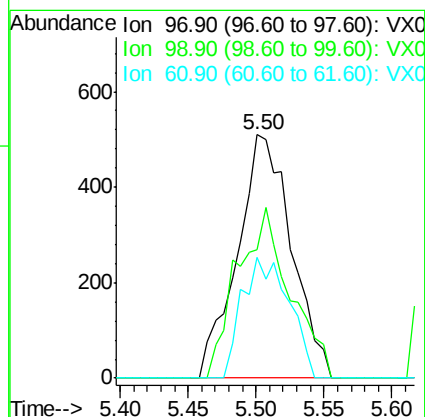
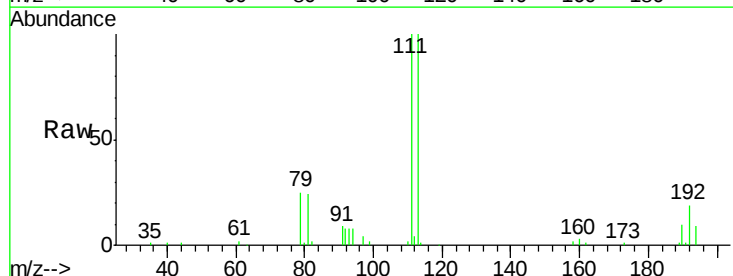
#31
Cyclohexane
Concen: 0.89 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

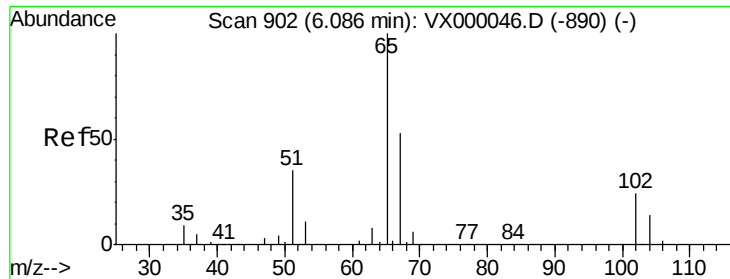
Tot Ion: 56 Resp: 1334
Ion Ratio Lower Upper
56 100
69 21.2 24.5 36.7#
84 102.6 74.8 112.2



#32
1,1,1-Trichloroethane
Concen: 0.82 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion: 97 Resp: 1420
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 43.0 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 56.39 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000077.D

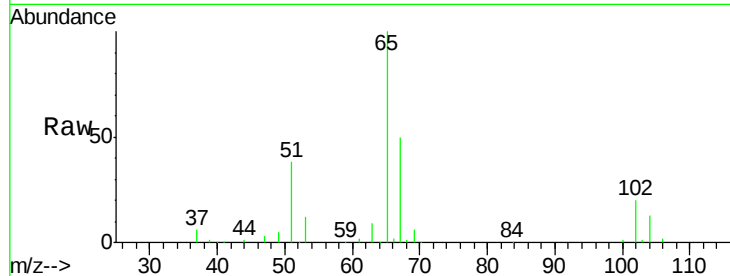
Acq: 13 Feb 2018 15:49

Tot Ion: 65 Resp: 61760

Ion Ratio Lower Upper

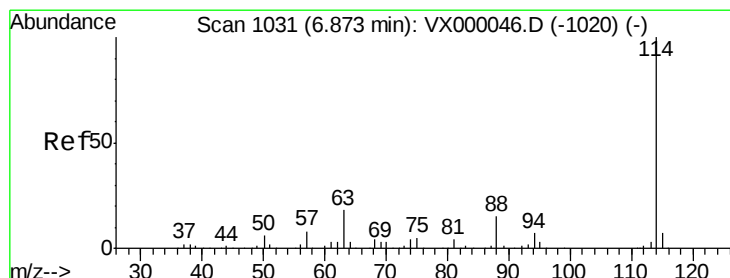
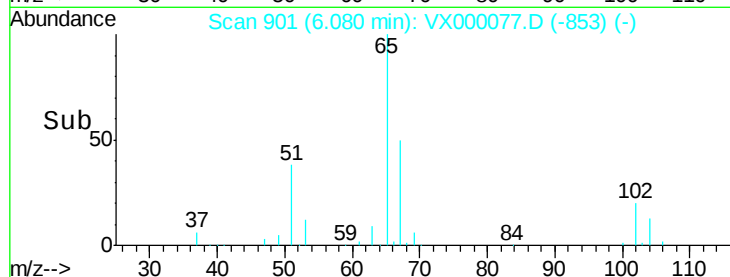
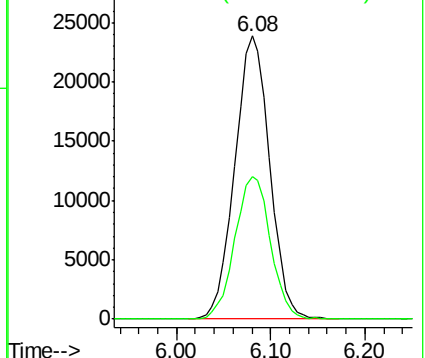
65 100

67 51.5 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

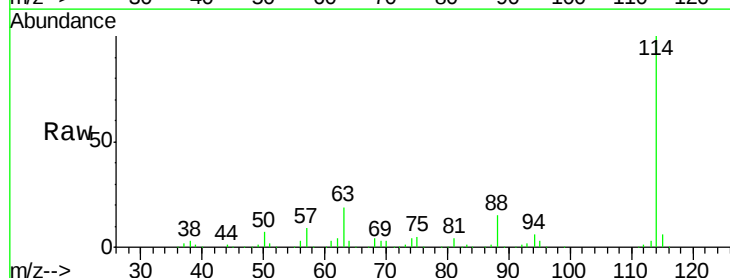
Tgt Ion: 114 Resp: 173934

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.0

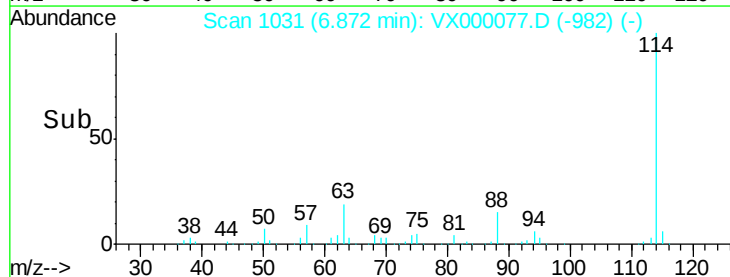
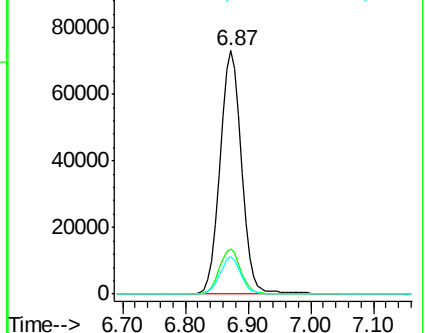
88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.84 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

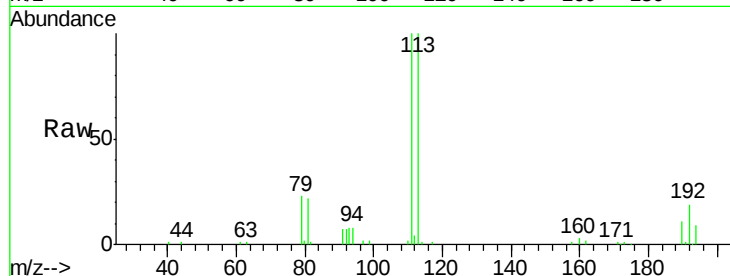
Tot Ion:113 Resp: 50613

Ion Ratio Lower Upper

113 100

111 102.3 80.5 120.7

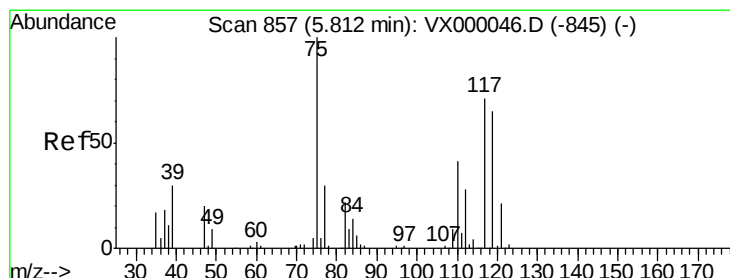
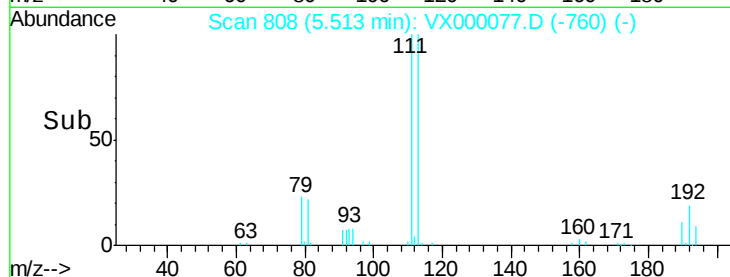
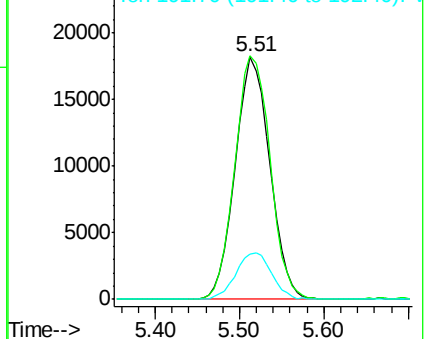
192 19.9 16.9 25.3



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: 0.84 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

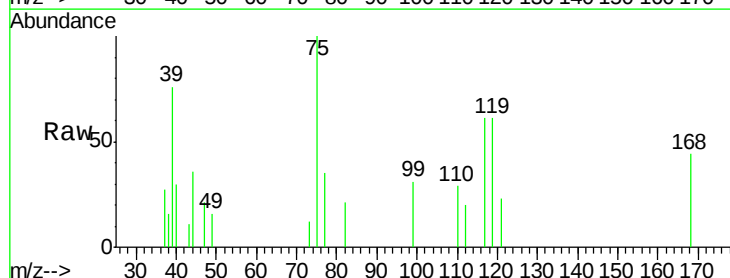
Tgt Ion: 75 Resp: 1267

Ion Ratio Lower Upper

75 100

110 29.1 19.4 58.4

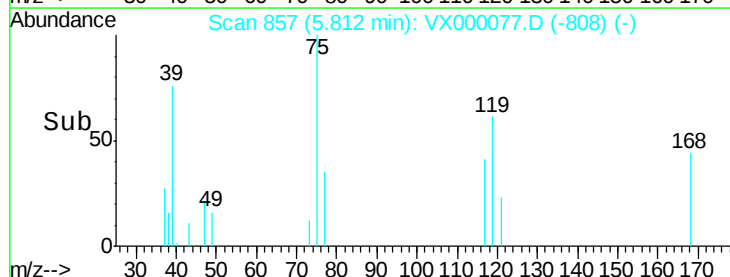
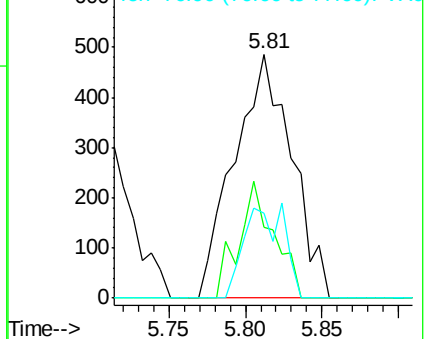
77 26.4 24.2 36.4

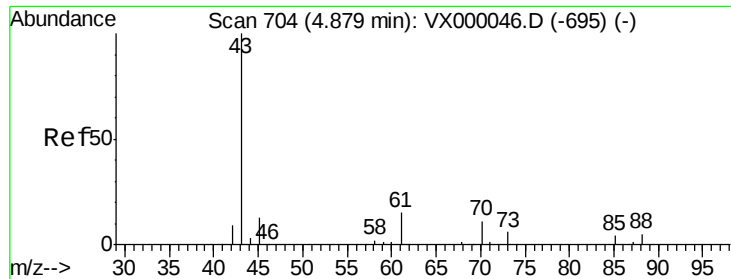


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.01 ug/l

RT: 4.88 min Scan# 704

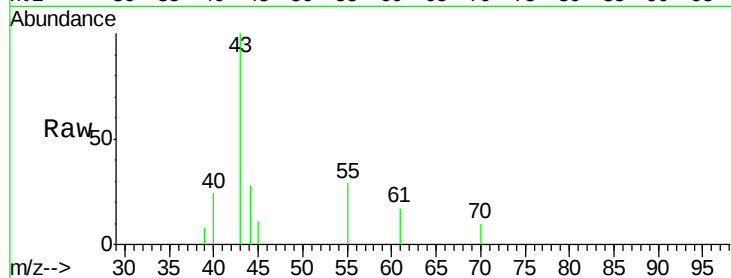
Delta R.T. -0.00 min

Lab File: VX000077.D

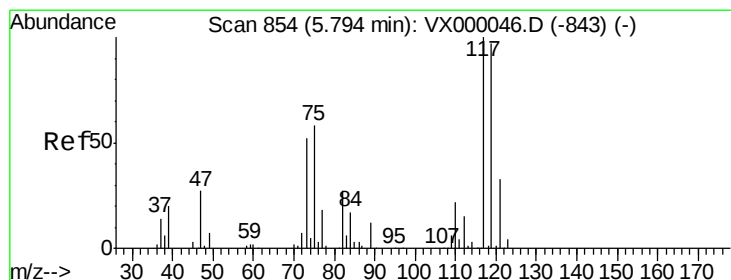
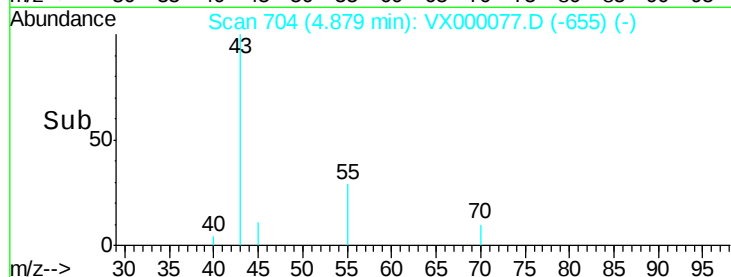
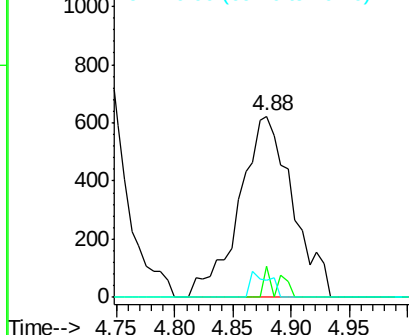
Acq: 13 Feb 2018 15:49

Tot Ion: 43 Resp: 1984

Ion	Ratio	Lower	Upper
43	100		
61	2.0	11.4	17.2#
70	5.1	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: 0.84 ug/l

RT: 5.79 min Scan# 854

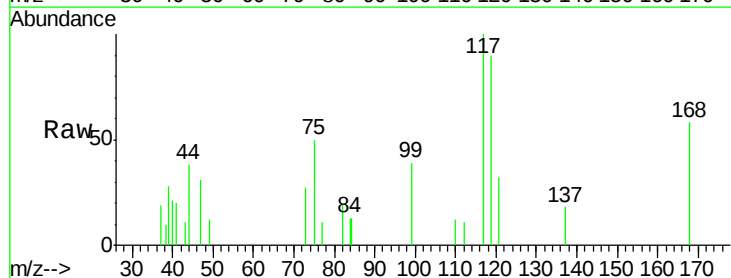
Delta R.T. -0.00 min

Lab File: VX000077.D

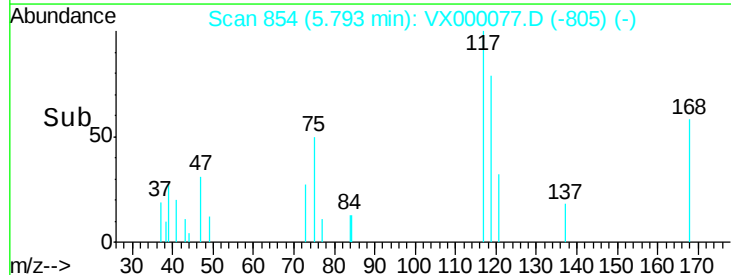
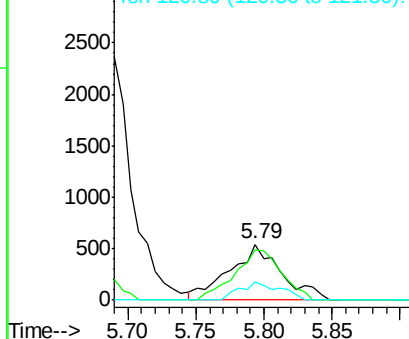
Acq: 13 Feb 2018 15:49

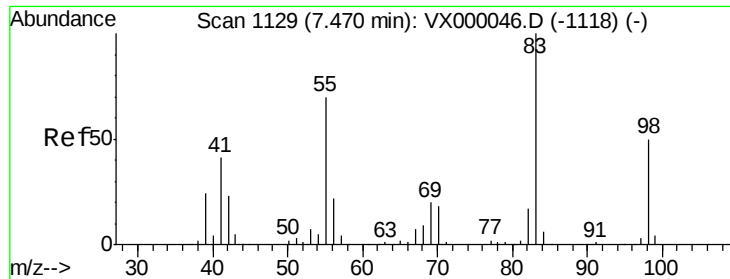
Tgt Ion: 117 Resp: 1430

Ion	Ratio	Lower	Upper
117	100		
119	89.9	76.9	115.3
121	31.9	25.8	38.8



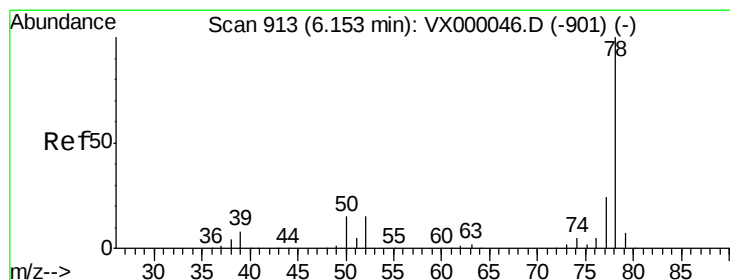
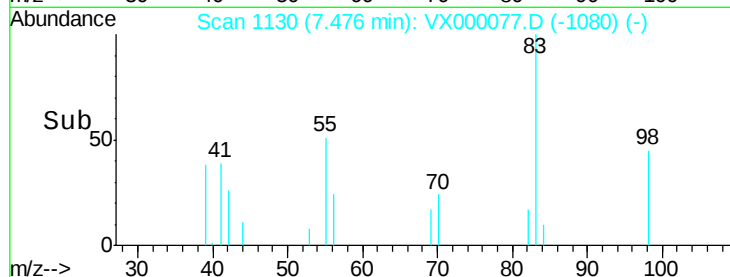
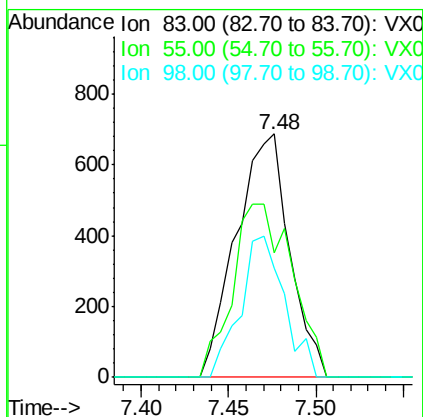
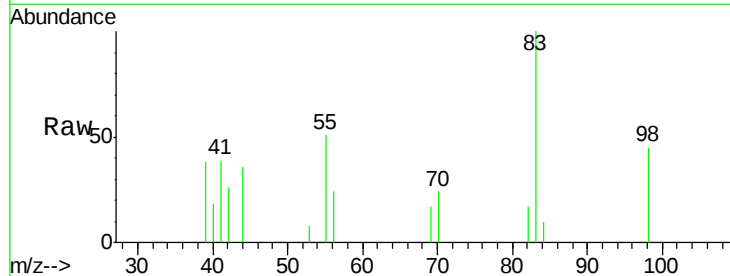
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





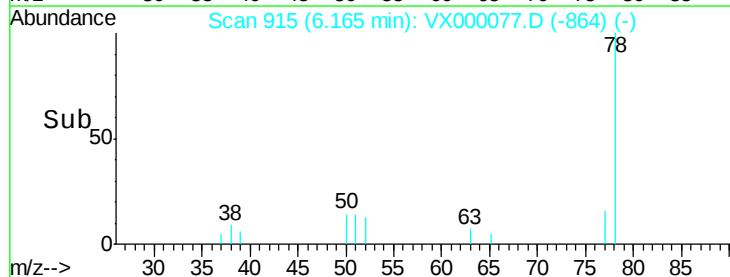
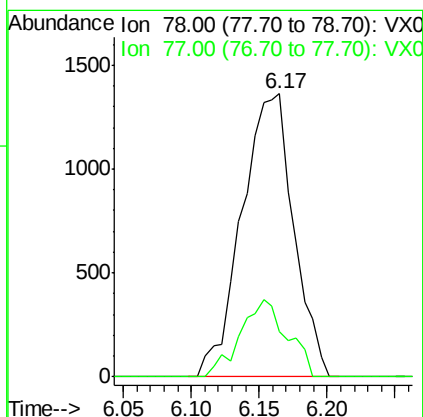
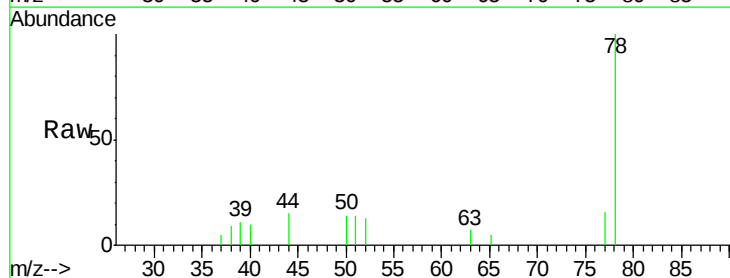
#39
Methvlcvclohexane
Concen: 0.80 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

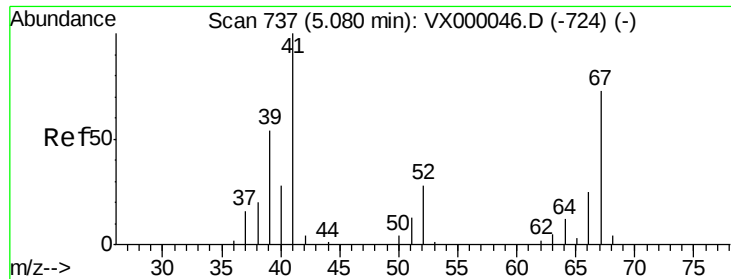
Tot Ion: 83 Resp: 1467
Ion Ratio Lower Upper
83 100
55 50.9 55.7 83.5#
98 44.9 39.7 59.5



#40
Benzene
Concen: 0.85 ug/l
RT: 6.17 min Scan# 915
Delta R.T. 0.01 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion: 78 Resp: 3638
Ion Ratio Lower Upper
78 100
77 15.9 19.4 29.2#





#41

Methacrylonitrile

Concen: 1.08 ug/l

RT: 5.06 min Scan# 734

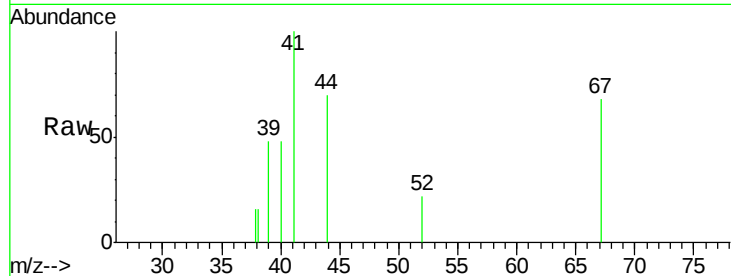
Delta R.T. -0.02 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

Tot Ion: 41 Resp: 1080

Ion	Ratio	Lower	Upper
41	100		
39	17.0	45.8	68.8#
67	57.8	60.6	91.0#
52	9.8	25.4	38.2#

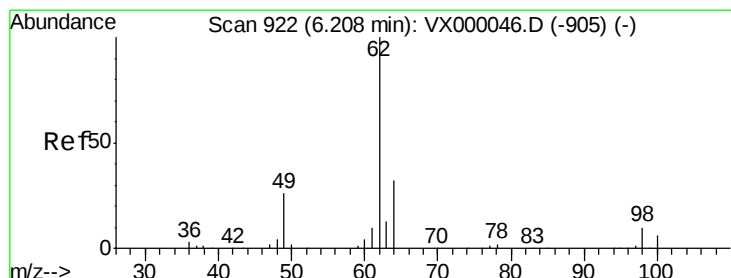
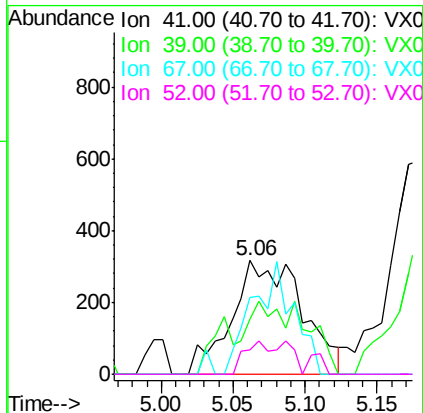
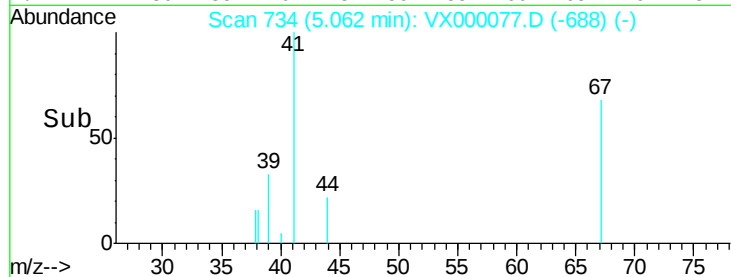


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 0.83 ug/l

RT: 6.21 min Scan# 922

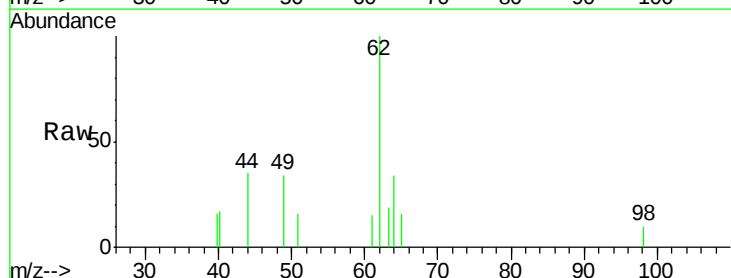
Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

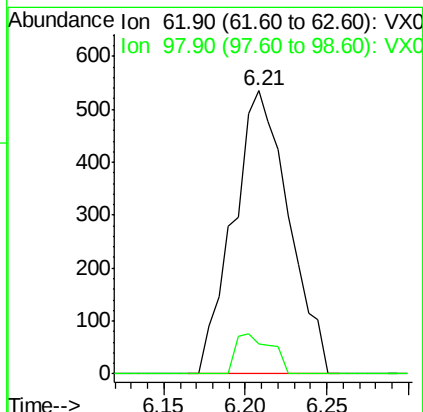
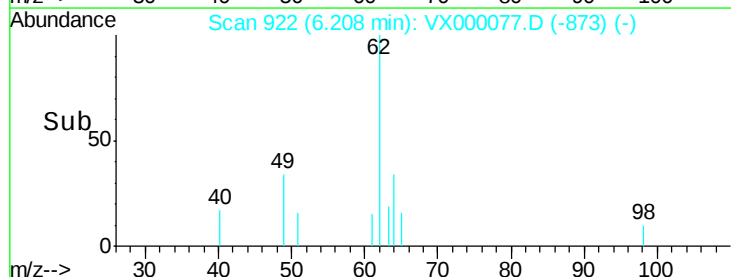
Tgt Ion: 62 Resp: 1266

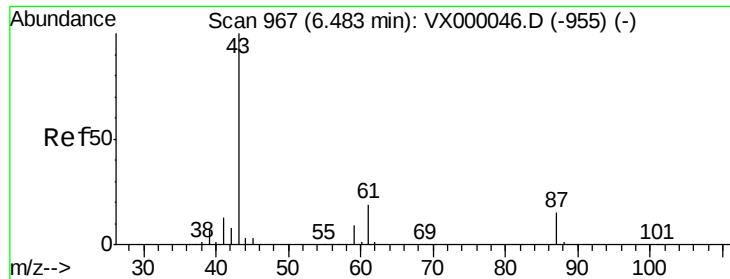
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.86 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

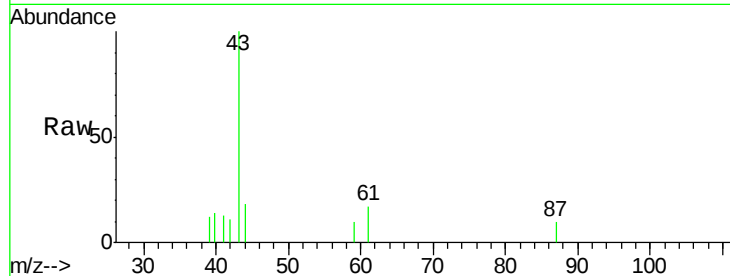
Tot Ion: 43 Resp: 2525

Ion Ratio Lower Upper

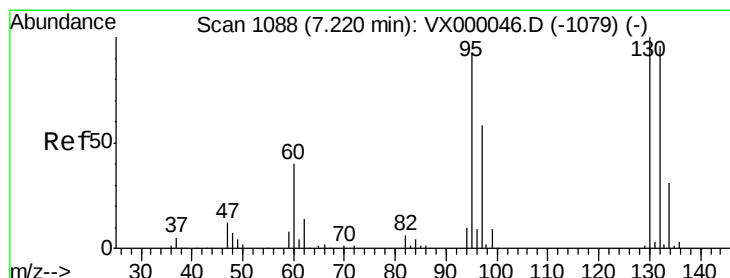
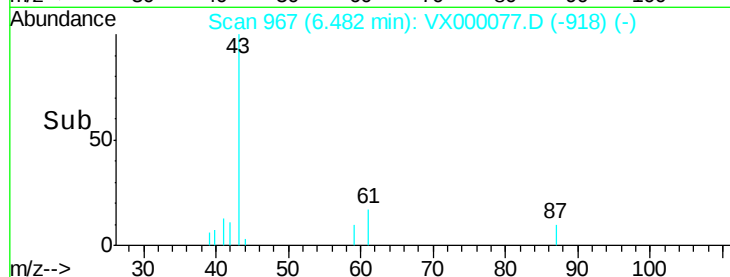
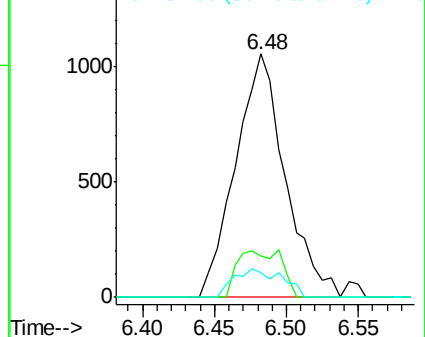
43 100

61 17.1 15.9 23.9

87 11.2 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: 0.82 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000077.D

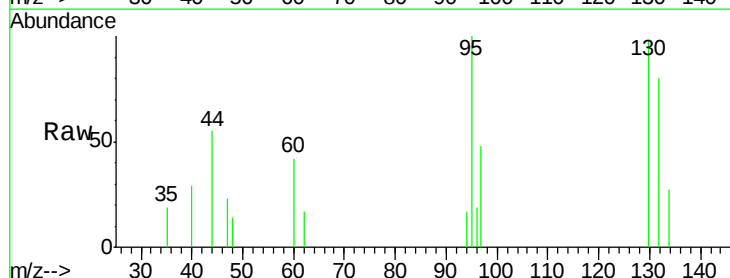
Acq: 13 Feb 2018 15:49

Tgt Ion: 130 Resp: 1085

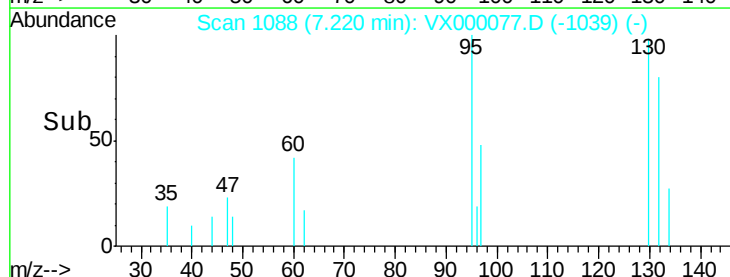
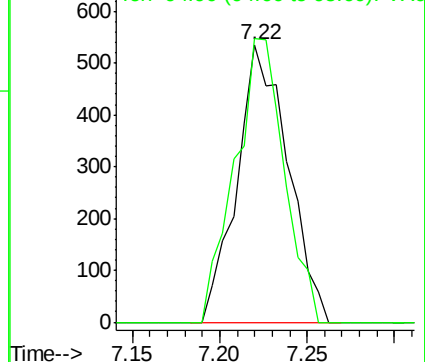
Ion Ratio Lower Upper

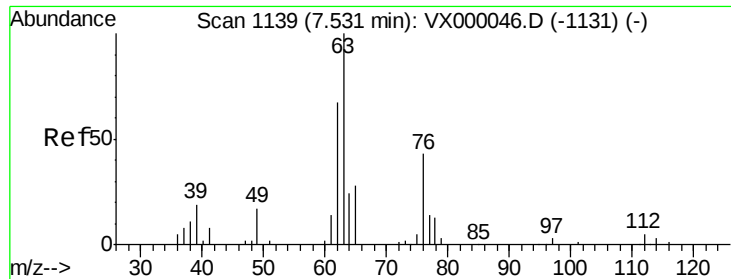
130 100

95 102.1 0.0 185.2



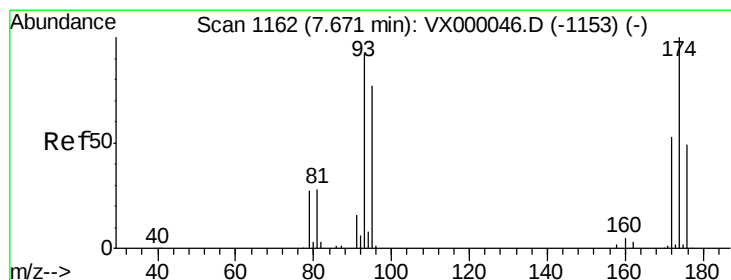
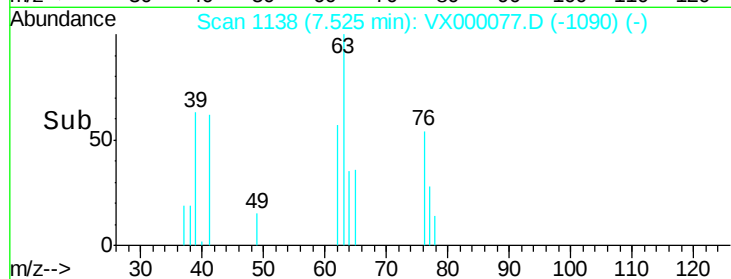
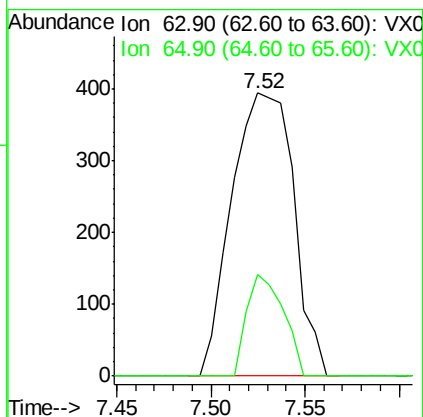
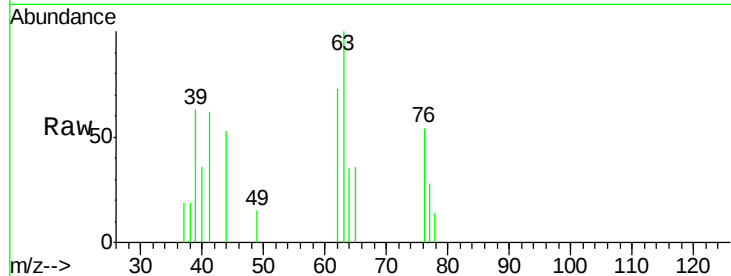
Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





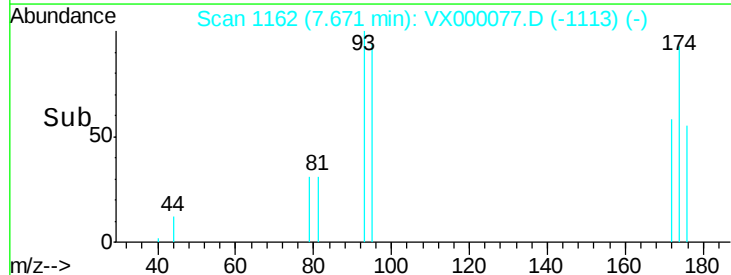
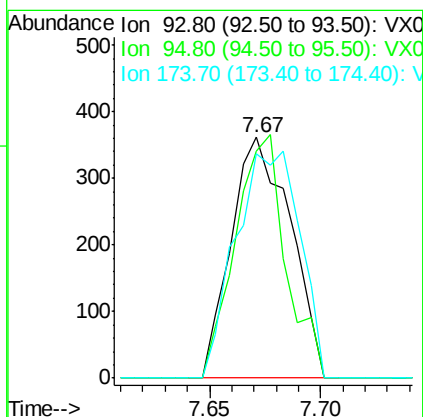
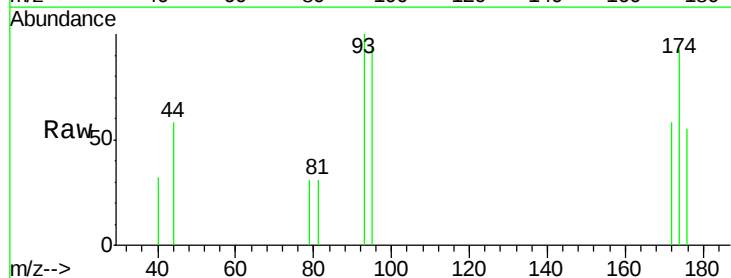
#45
 1,2-Dichloropropane
 Concen: 0.86 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

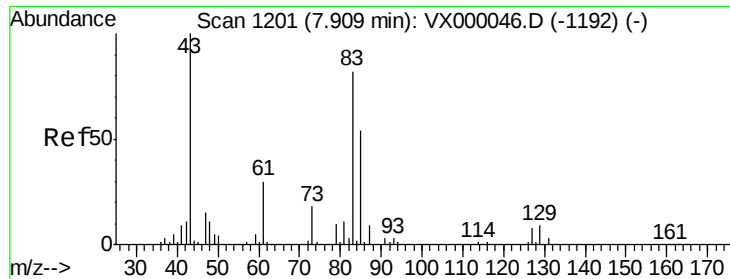
Tot Ion: 63 Resp: 899
 Ion Ratio Lower Upper
 63 100
 65 35.8 23.7 35.5#



#46
 Dibromomethane
 Concen: 0.83 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tgt Ion: 93 Resp: 670
 Ion Ratio Lower Upper
 93 100
 95 86.1 66.3 99.5
 174 101.9 90.4 135.6





#47

Bromodichloromethane

Concen: 0.79 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

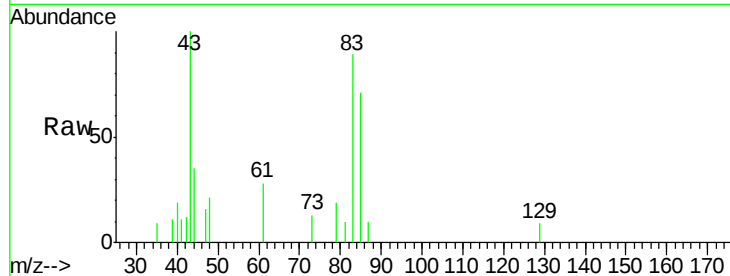
Tot Ion: 83 Resp: 1227

Ion Ratio Lower Upper

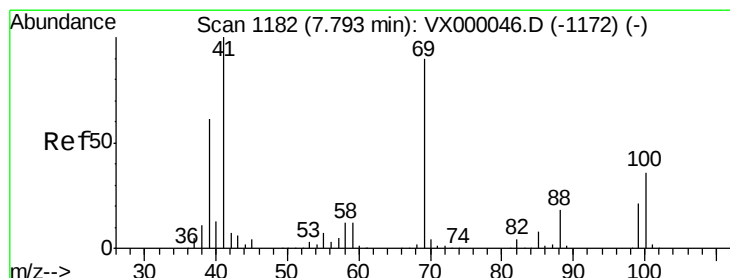
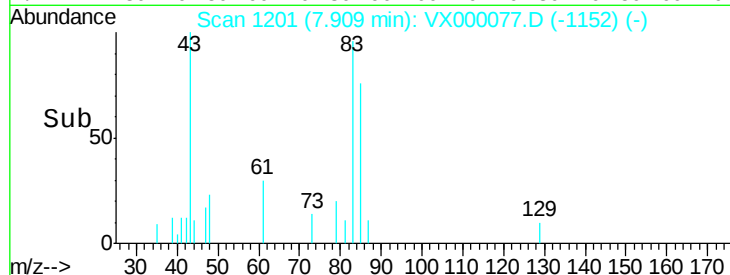
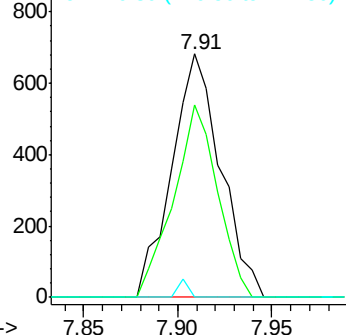
83 100

85 79.0 52.3 78.5#

127 0.0 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: 0.88 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

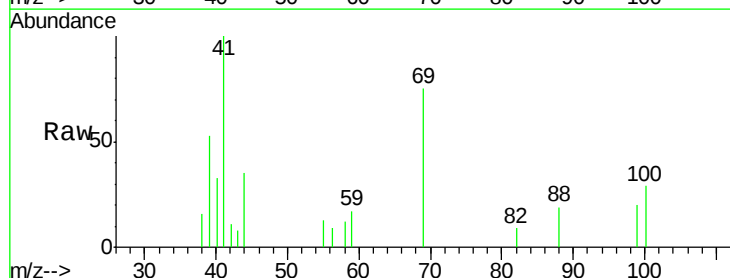
Tgt Ion: 41 Resp: 1268

Ion Ratio Lower Upper

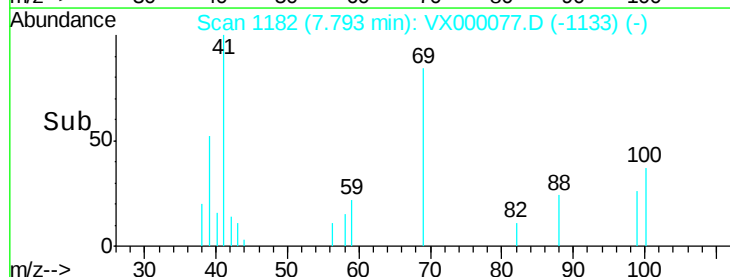
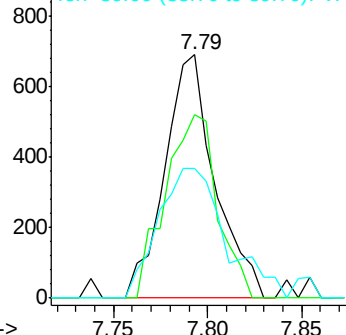
41 100

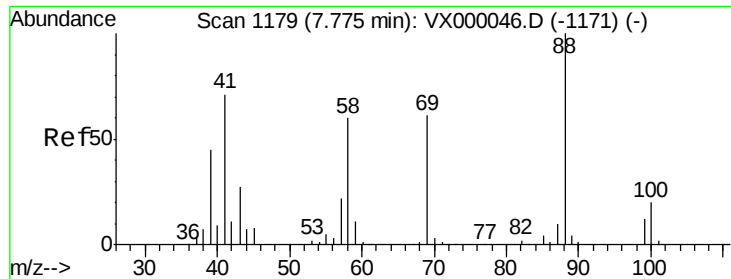
69 78.3 72.1 108.1

39 72.2 49.6 74.4



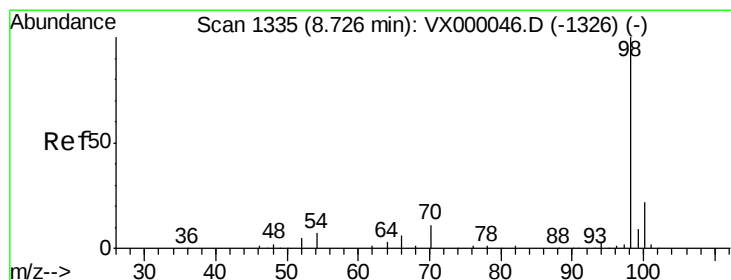
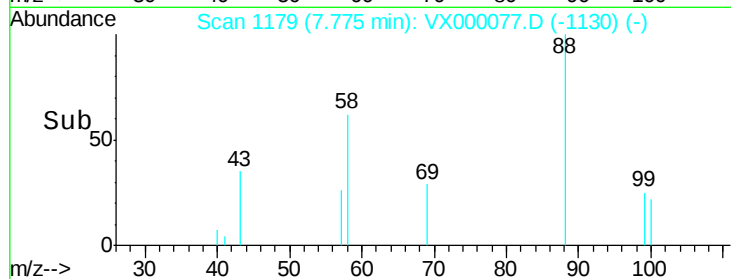
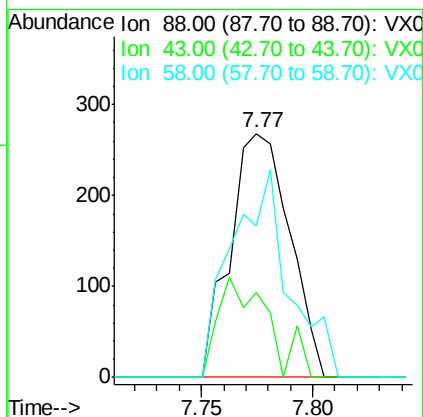
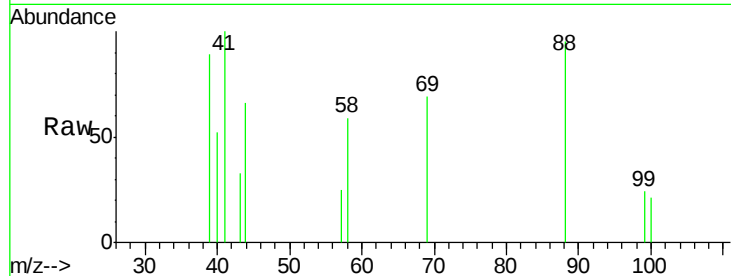
Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





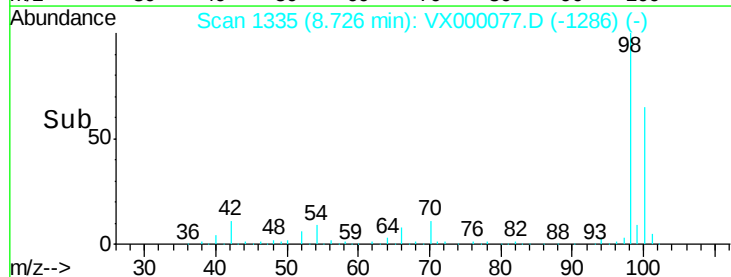
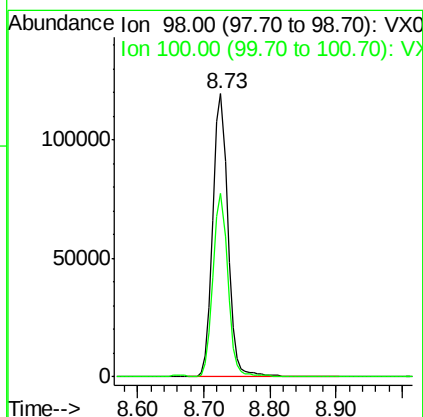
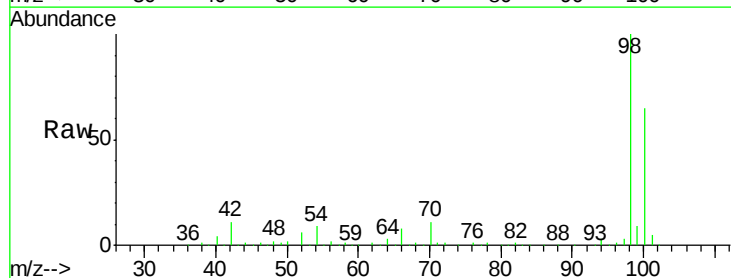
#49
1,4-Dioxane
Concen: 12.94 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tot Ion: 88 Resp: 499
Ion Ratio Lower Upper
88 100
43 34.5 22.6 33.8#
58 82.0 49.4 74.2#



#50
Toluene-d8
Concen: 50.23 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion: 98 Resp: 189833
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 4.15 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000077.D

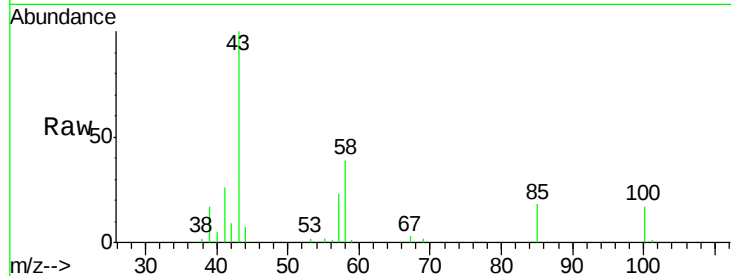
Acq: 13 Feb 2018 15:49

Tot Ion: 43 Resp: 8531

Ion Ratio Lower Upper

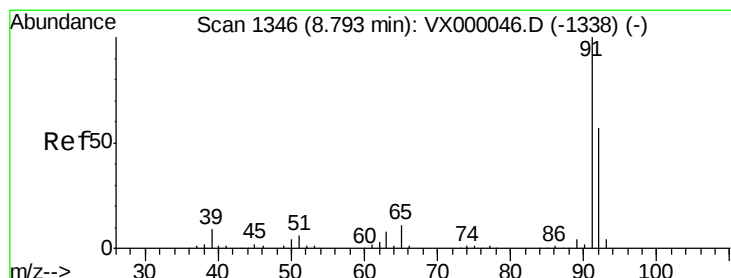
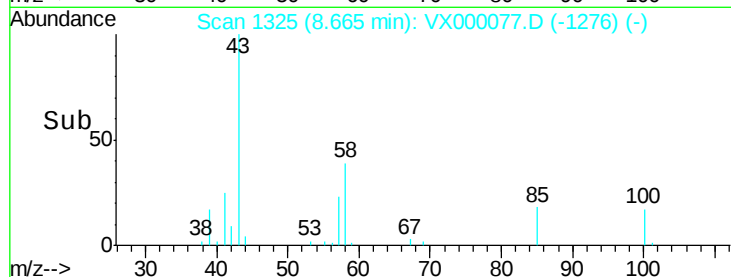
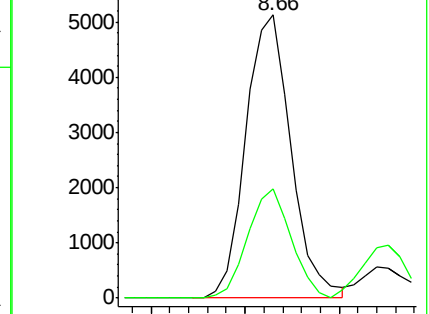
43 100

58 37.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.81 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000077.D

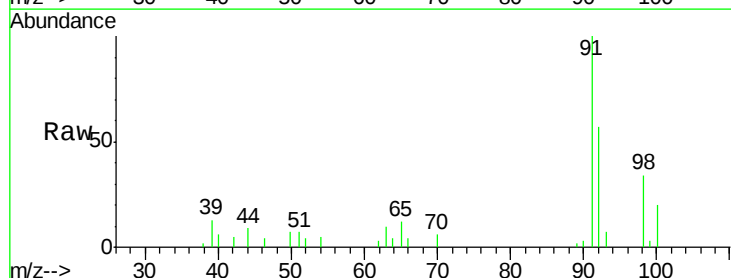
Acq: 13 Feb 2018 15:49

Tgt Ion: 92 Resp: 2325

Ion Ratio Lower Upper

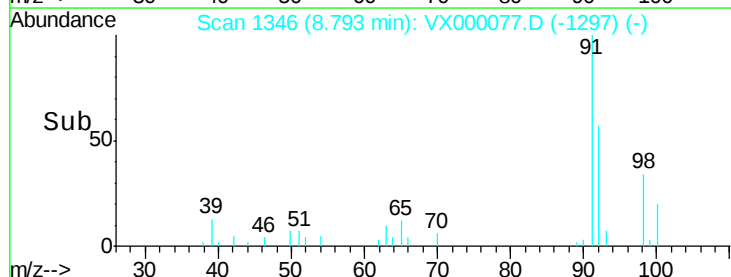
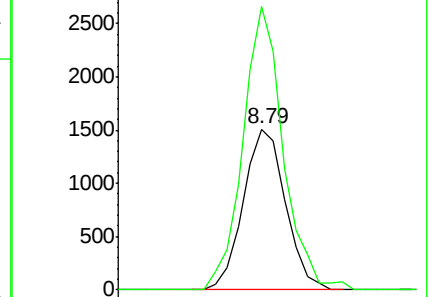
92 100

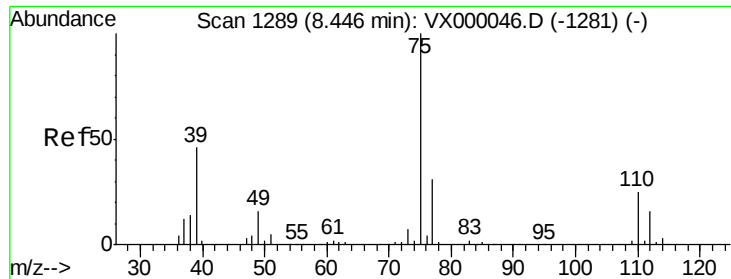
91 168.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 0.78 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000077.D

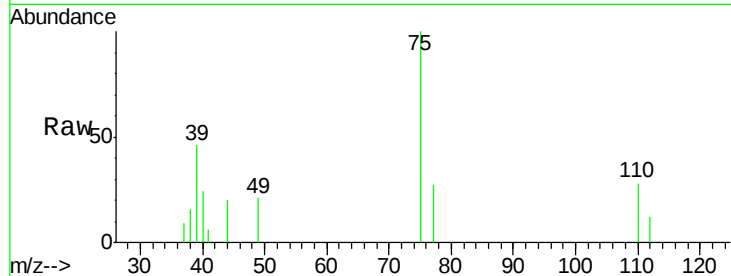
Acq: 13 Feb 2018 15:49

Tot Ion: 75 Resp: 1425

Ion Ratio Lower Upper

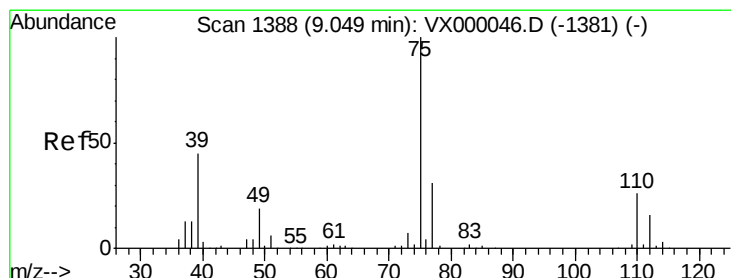
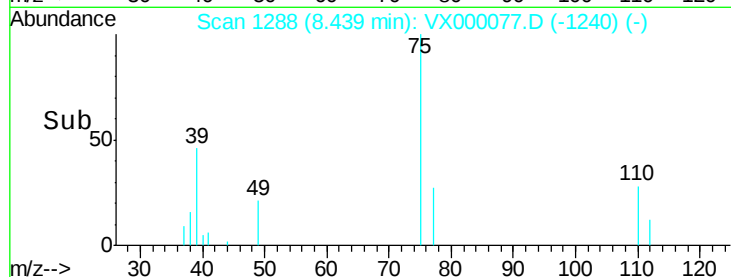
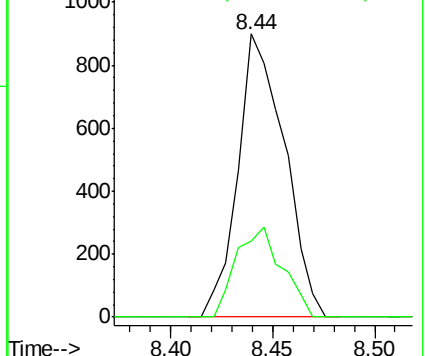
75 100

77 26.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.68 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

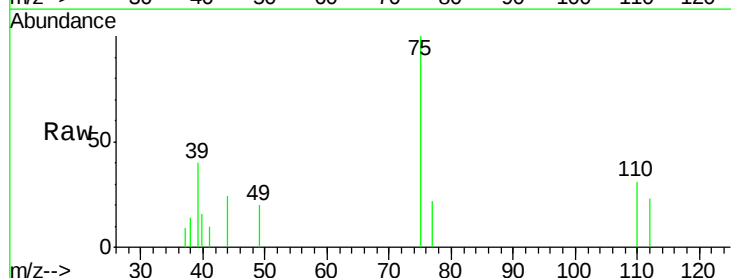
Tgt Ion: 75 Resp: 1206

Ion Ratio Lower Upper

75 100

77 21.5 25.1 37.7#

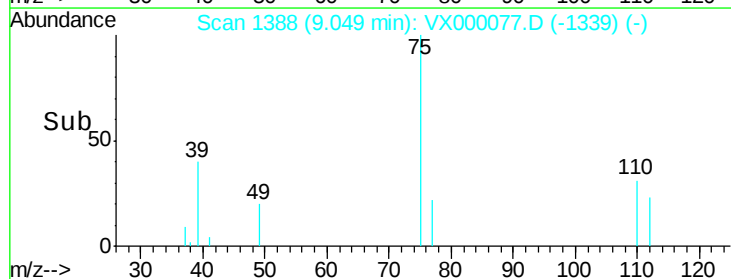
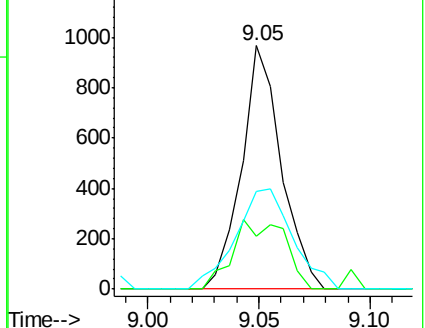
39 40.2 36.1 54.1

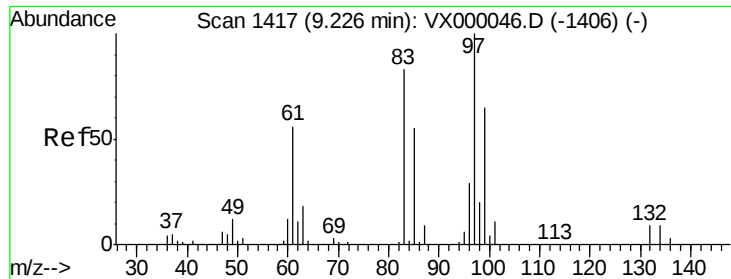


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

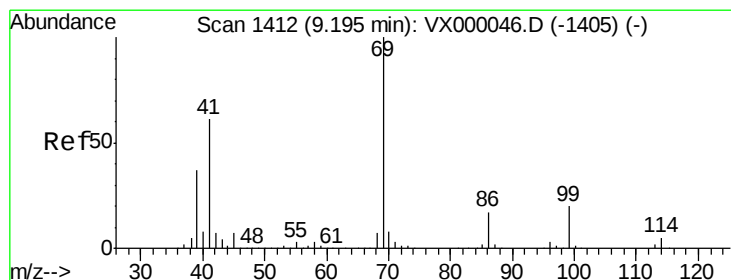
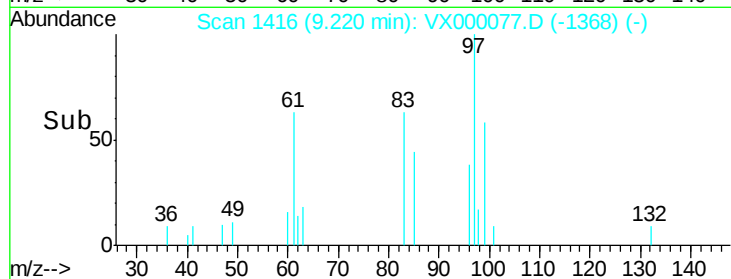
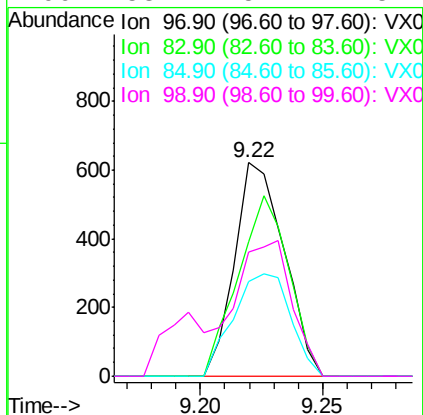
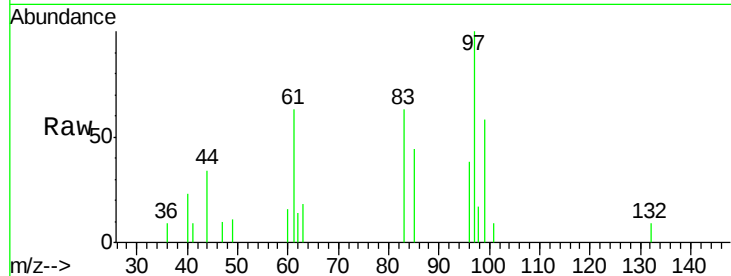
Ion 39.00 (38.70 to 39.70): VX0





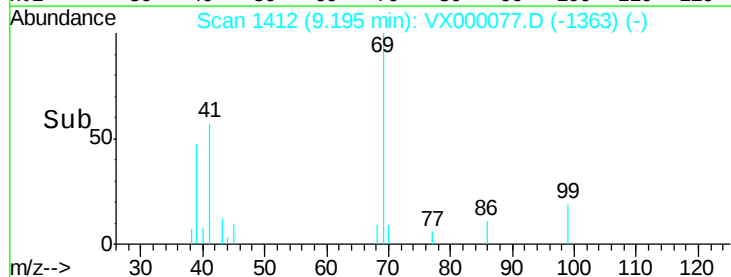
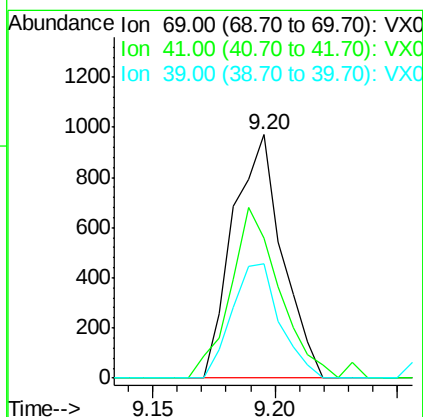
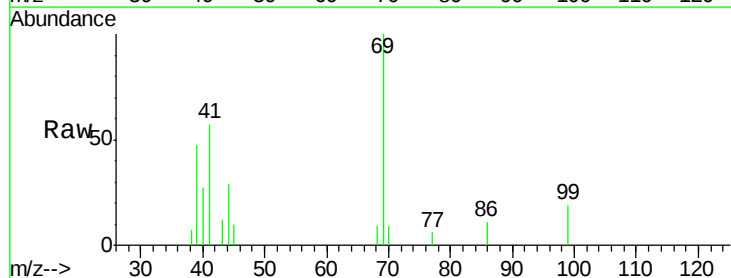
#55
 1,1,2-Trichloroethane
 Concen: 0.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tot Ion:	97	Resp:	879
Ion	Ratio	Lower	Upper
97	100		
83	62.9	66.5	99.7#
85	44.4	43.8	65.6
99	58.2	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 0.74 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tgt Ion:	69	Resp:	1363
Ion	Ratio	Lower	Upper
69	100		
41	69.6	49.5	74.3
39	45.5	29.9	44.9#





#57

1,3-Dichloropropane

Concen: 0.82 ug/l

RT: 9.38 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VX000077.D

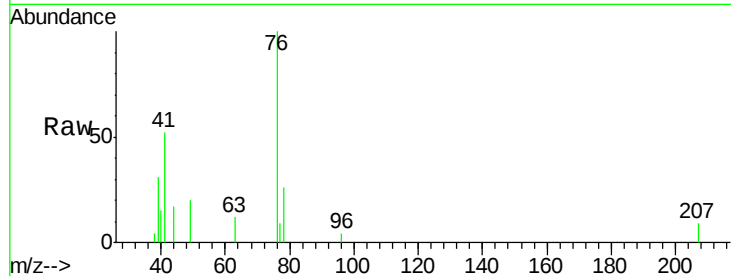
Acq: 13 Feb 2018 15:49

Tot Ion: 76 Resp: 1534

Ion Ratio Lower Upper

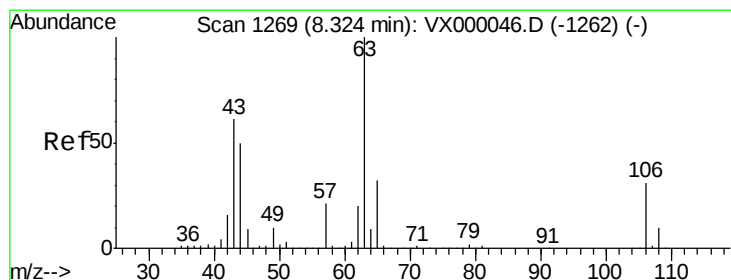
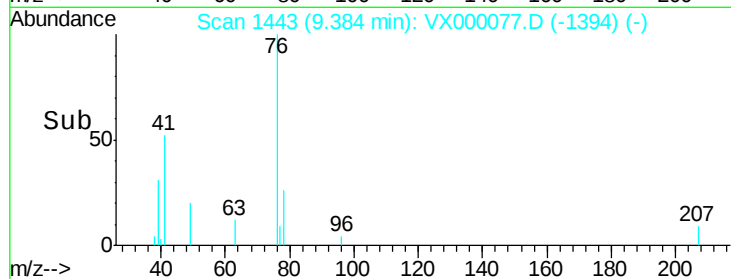
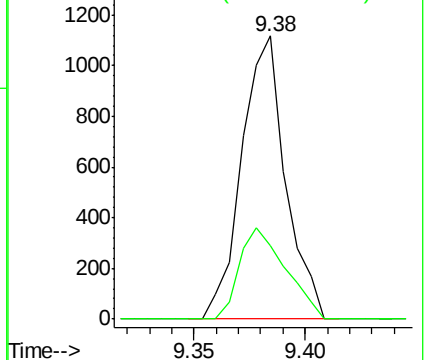
76 100

78 33.8 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.41 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000077.D

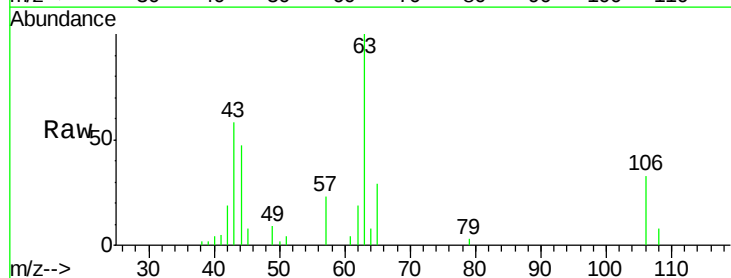
Acq: 13 Feb 2018 15:49

Tgt Ion: 63 Resp: 4025

Ion Ratio Lower Upper

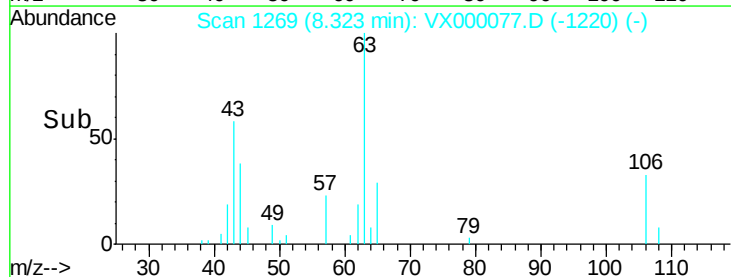
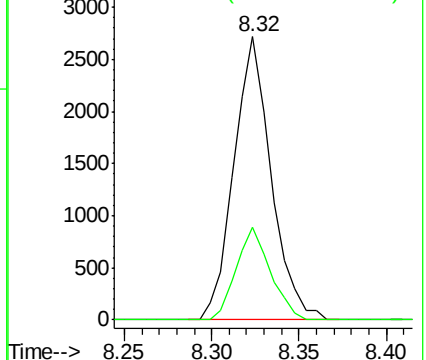
63 100

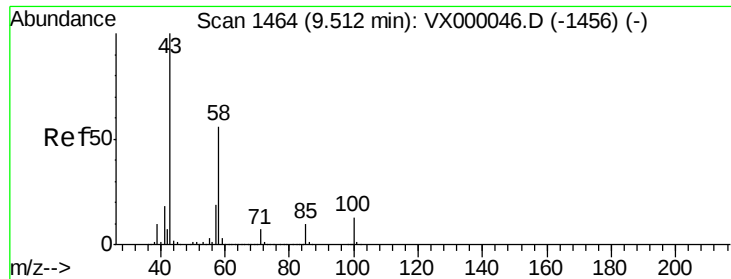
106 29.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

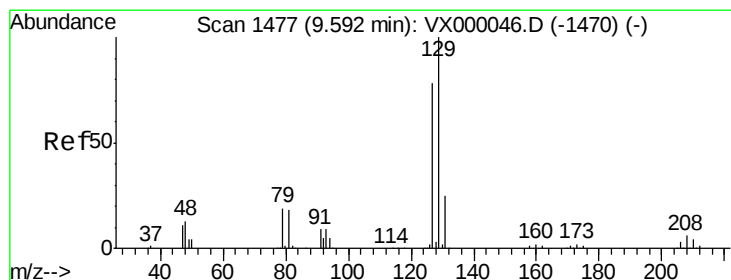
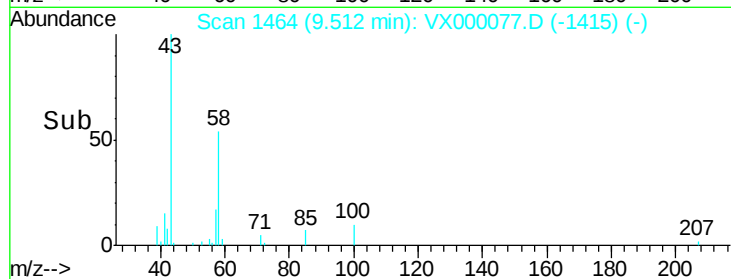
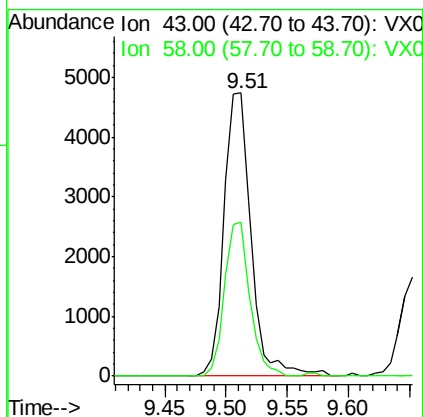
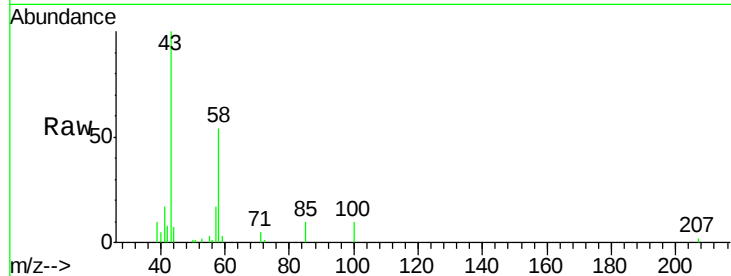
Ion 105.90 (105.60 to 106.60): V





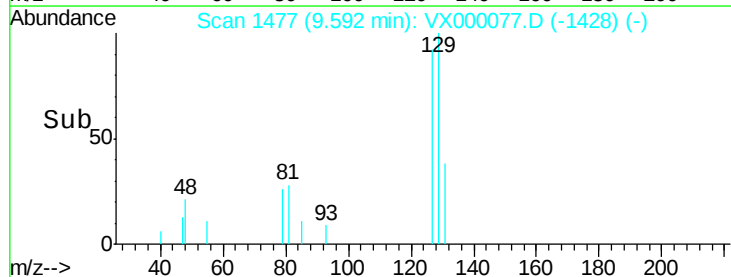
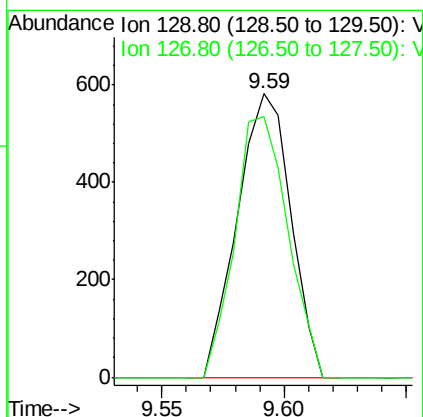
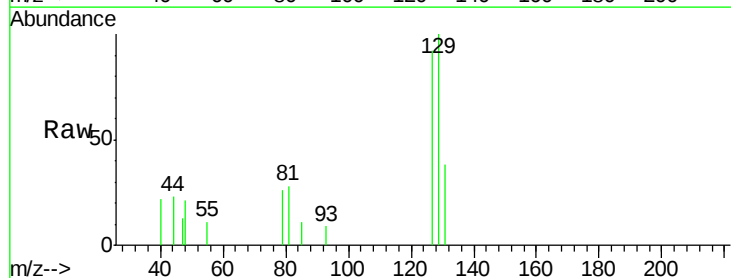
#59
2-Hexanone
Concen: 4.35 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

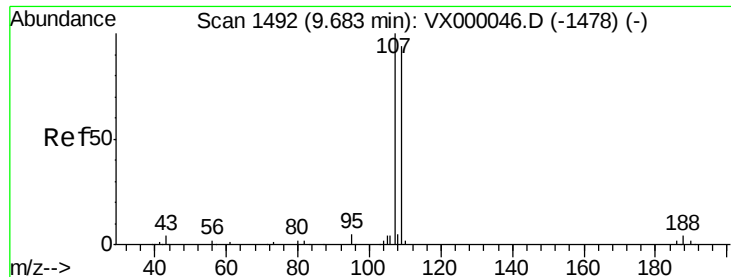
Tot Ion: 43 Resp: 7262
Ion Ratio Lower Upper
43 100
58 50.8 27.6 82.7



#60
Dibromochloromethane
Concen: 0.64 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion: 129 Resp: 882
Ion Ratio Lower Upper
129 100
127 91.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.68 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000077.D

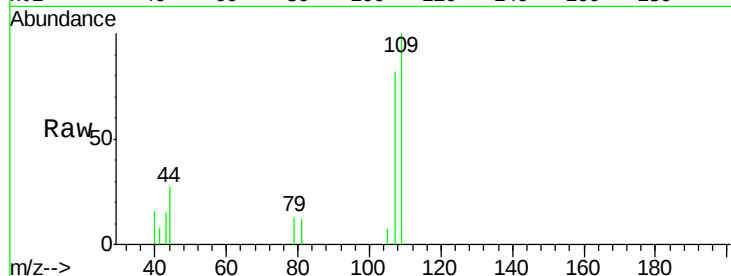
Acq: 13 Feb 2018 15:49

Tot Ion: 107 Resp: 898

Ion Ratio Lower Upper

107 100

109 100.1 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

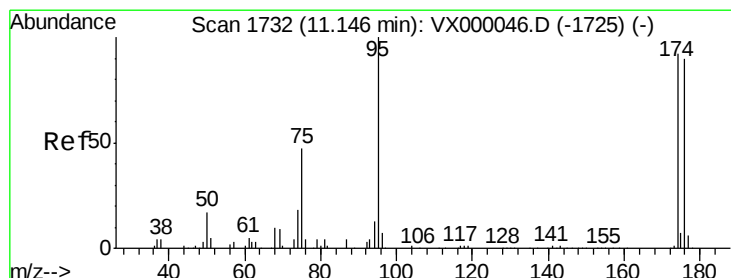
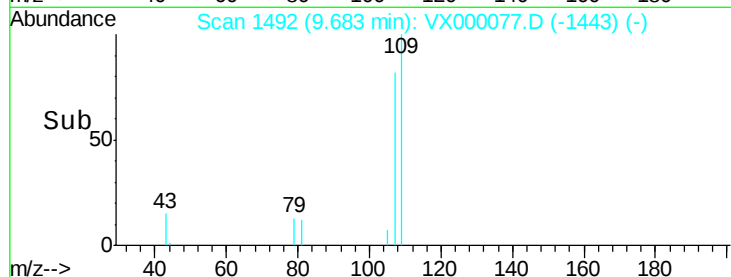
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.48 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

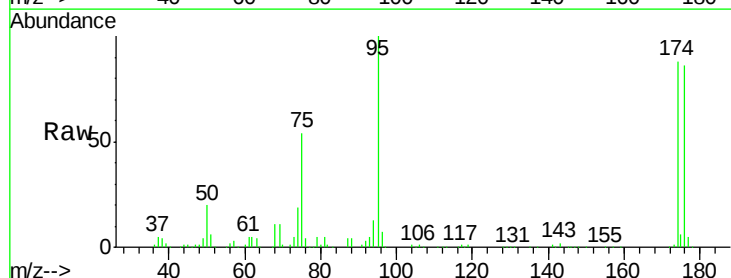
Tgt Ion: 95 Resp: 76050

Ion Ratio Lower Upper

95 100

174 85.9 0.0 185.6

176 83.5 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

11.15

80000

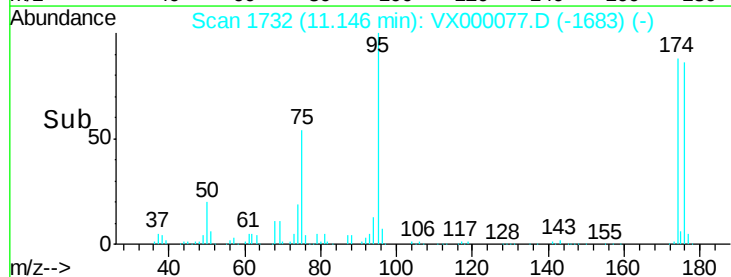
60000

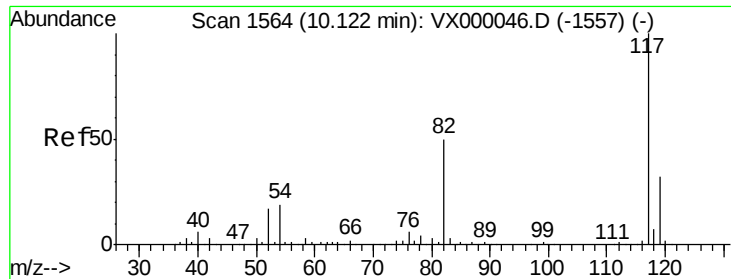
40000

20000

0

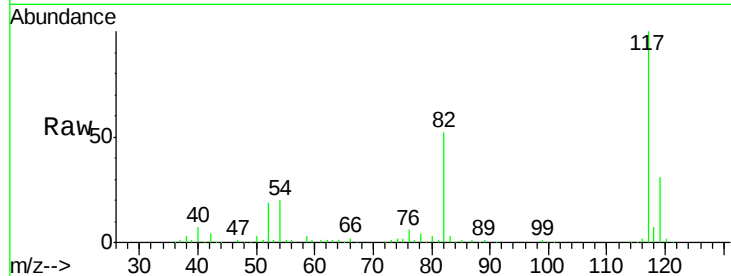
Time-->



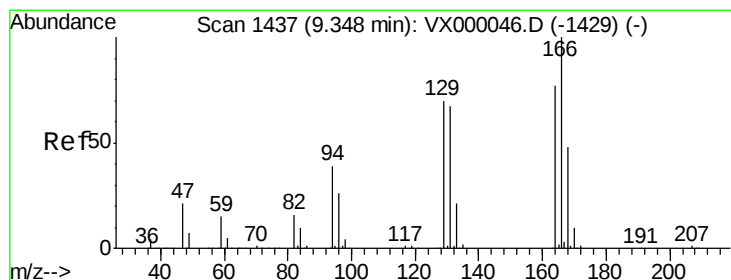
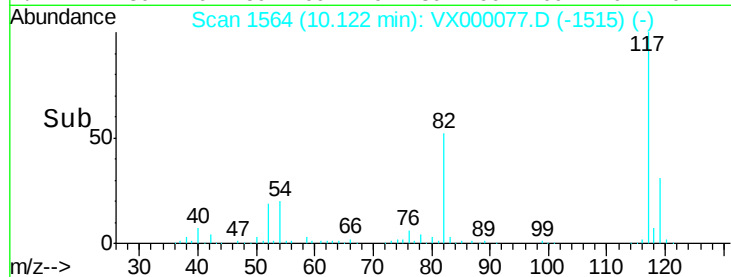
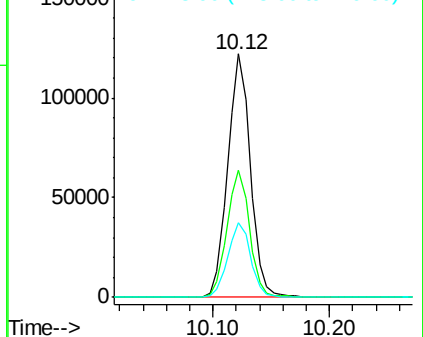


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tot Ion:117 Resp: 166035
Ion Ratio Lower Upper
117 100
82 52.3 40.3 60.5
119 30.9 25.3 37.9

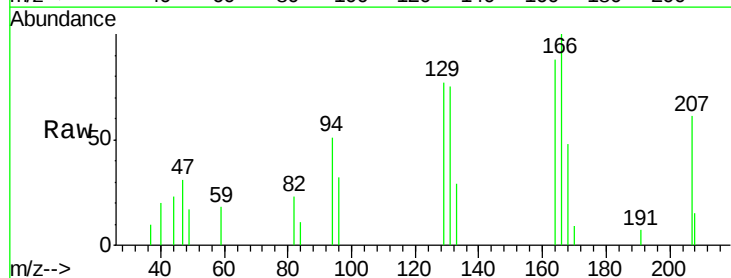


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

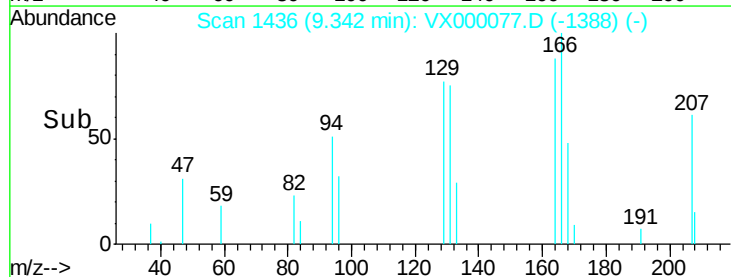
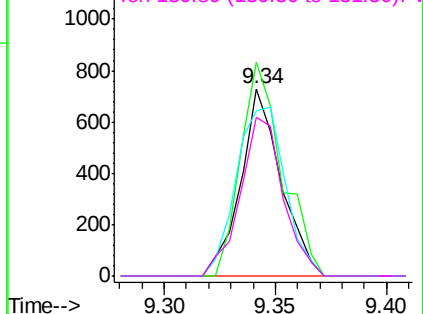


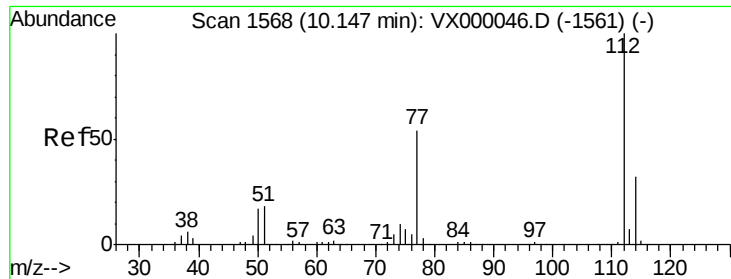
#64
Tetrachloroethene
Concen: 0.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion:164 Resp: 921
Ion Ratio Lower Upper
164 100
166 114.0 103.7 155.5
129 87.8 72.2 108.4
131 84.9 69.1 103.7



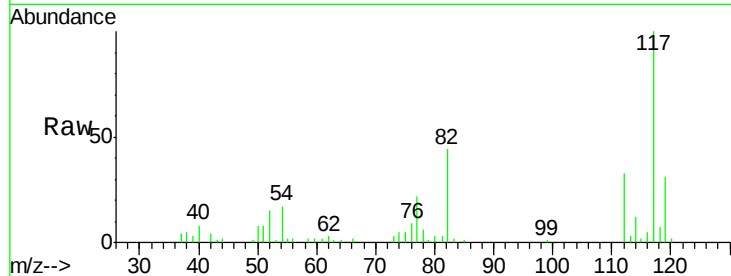
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



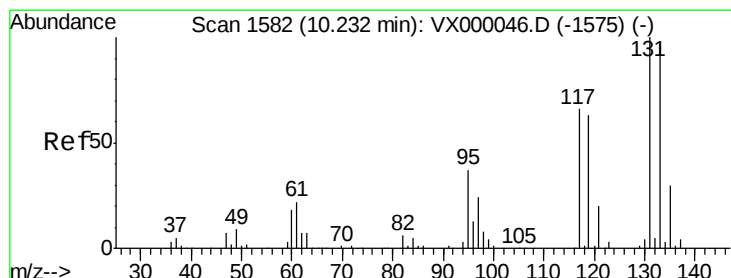
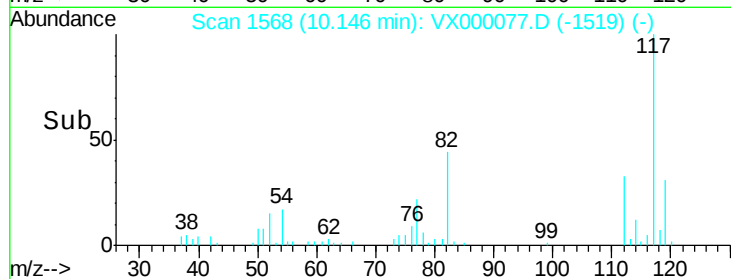
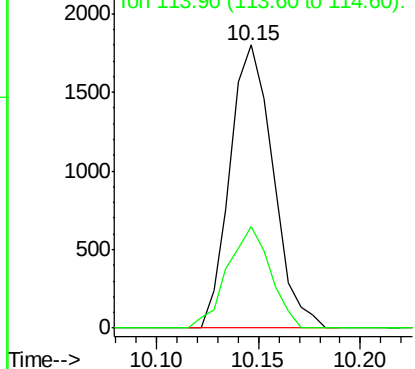


#65
Chlorobenzene
Concen: 0.77 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tot Ion:112 Resp: 2641
Ion Ratio Lower Upper
112 100
114 35.8 25.6 38.4

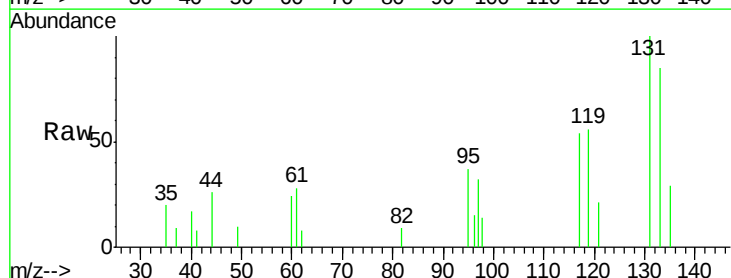


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

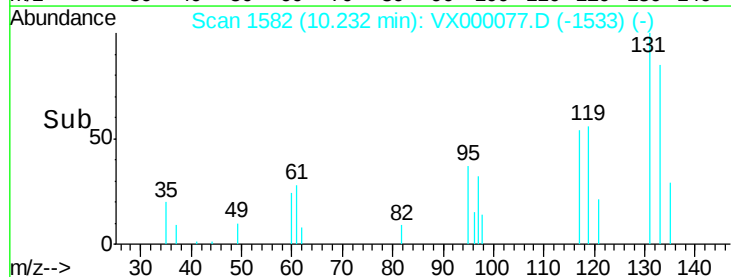
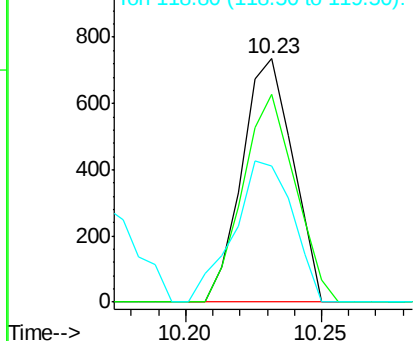


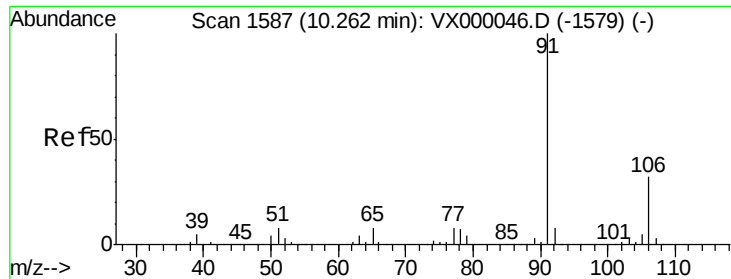
#66
1,1,1,2-Tetrachloroethane
Concen: 0.77 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion:131 Resp: 952
Ion Ratio Lower Upper
131 100
133 88.4 47.6 142.9
119 0.0 31.7 95.1#



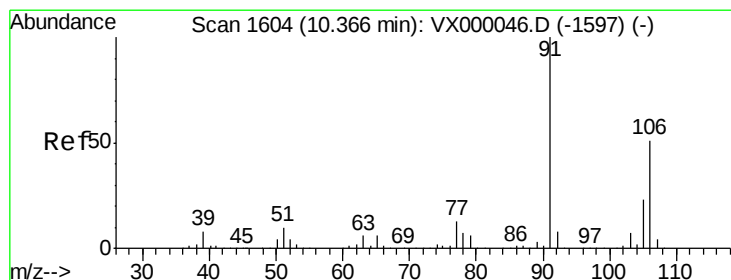
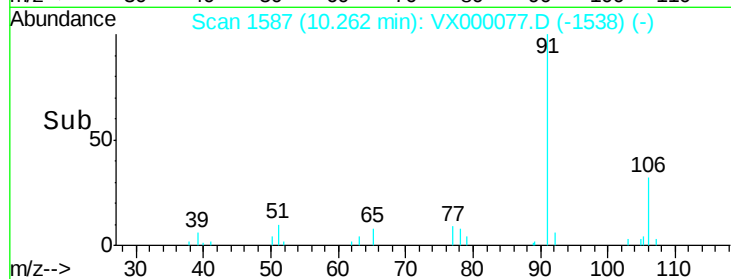
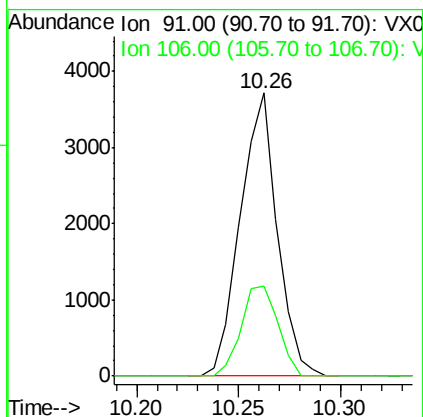
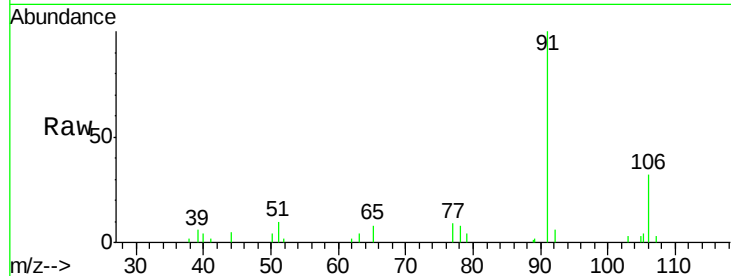
Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





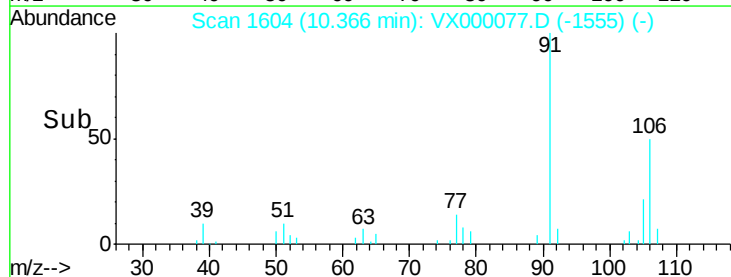
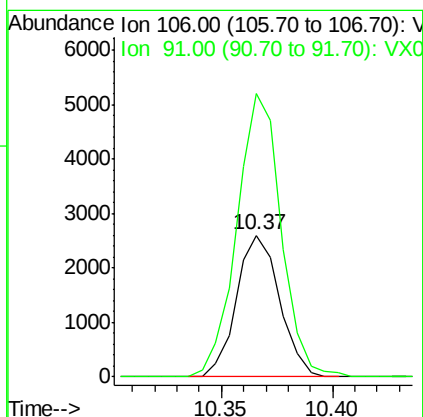
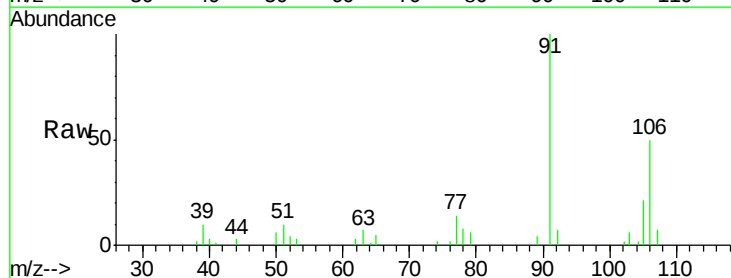
#67
Ethyl Benzene
Concen: 0.82 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tot Ion: 91 Resp: 4665
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 1.54 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

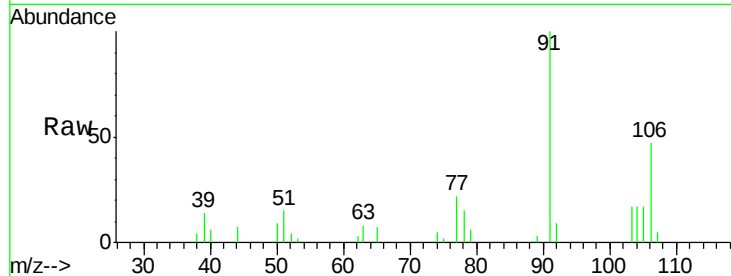
Tgt Ion: 106 Resp: 3499
Ion Ratio Lower Upper
106 100
91 205.8 158.3 237.5



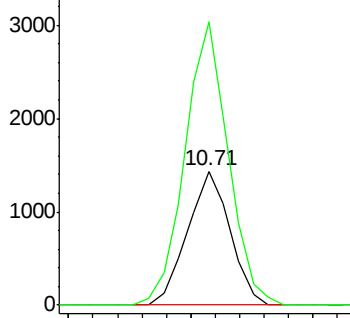


#69
o-Xylene
Concen: 0.79 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

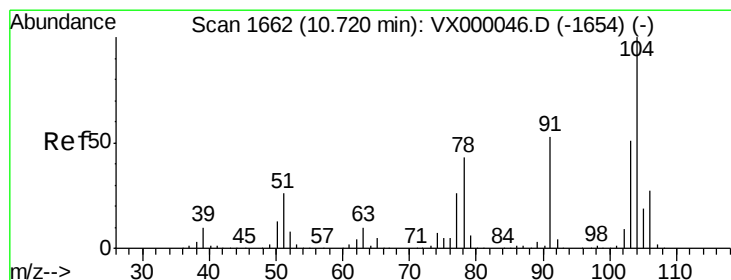
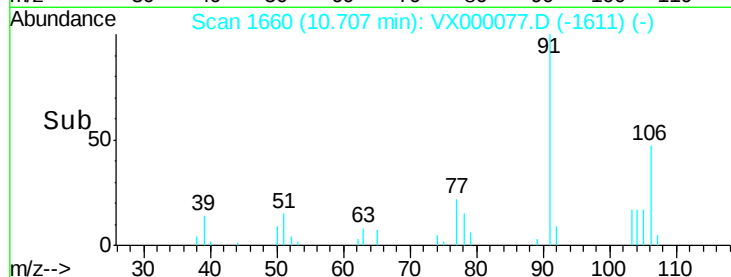
Tot Ion:106 Resp: 1731
Ion Ratio Lower Upper
106 100
91 214.5 104.0 312.0



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

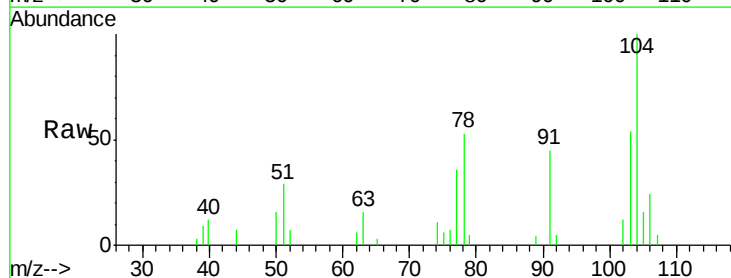


Time--> 10.65 10.70 10.75

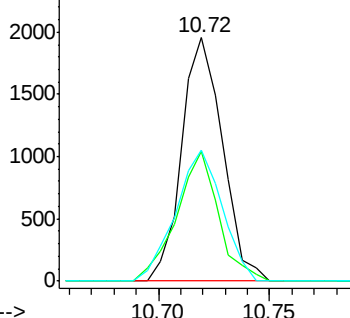


#70
Styrene
Concen: 0.67 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

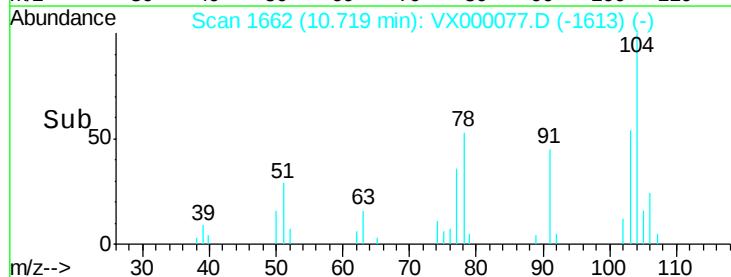
Tgt Ion:104 Resp: 2506
Ion Ratio Lower Upper
104 100
78 54.2 37.7 56.5
103 61.3 44.0 66.0

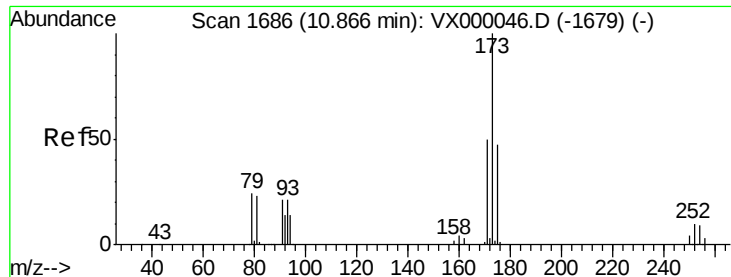


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.70 10.75





#71

Bromoform

Concen: 0.59 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

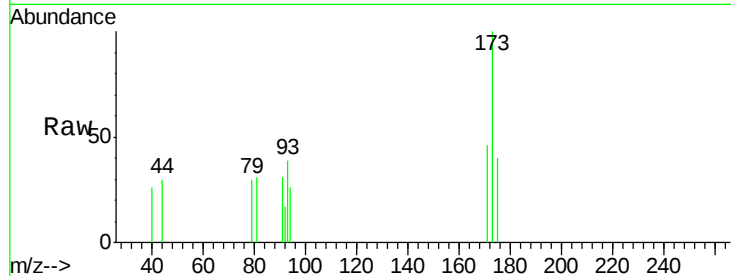
Tot Ion:173 Resp: 688

Ion Ratio Lower Upper

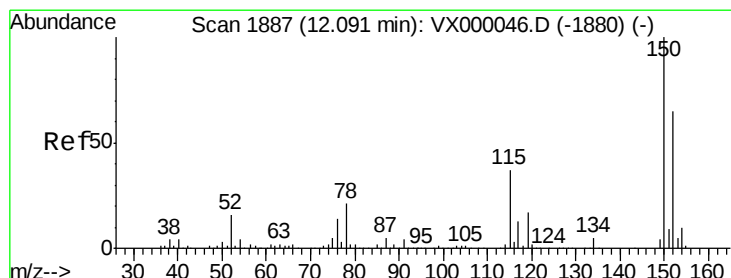
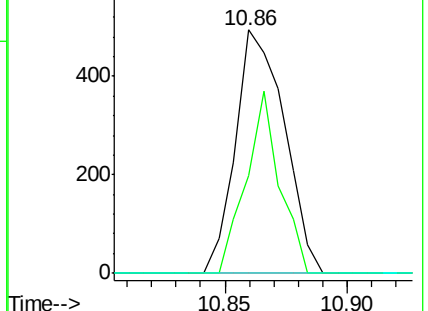
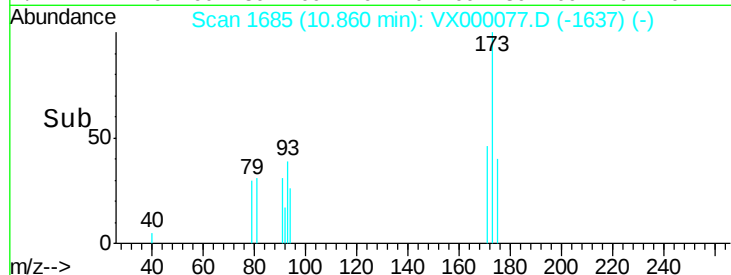
173 100

175 51.3 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: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

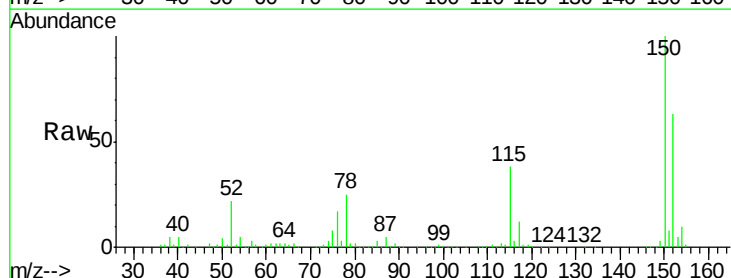
Tgt Ion:152 Resp: 88389

Ion Ratio Lower Upper

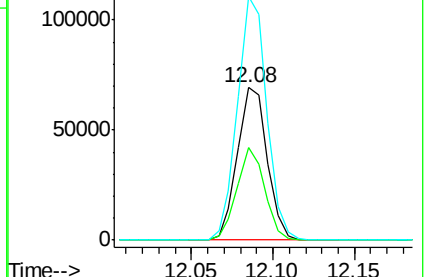
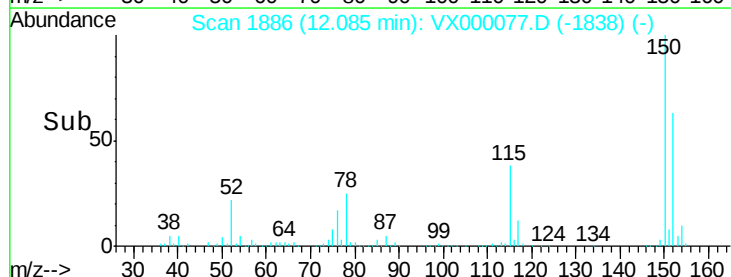
152 100

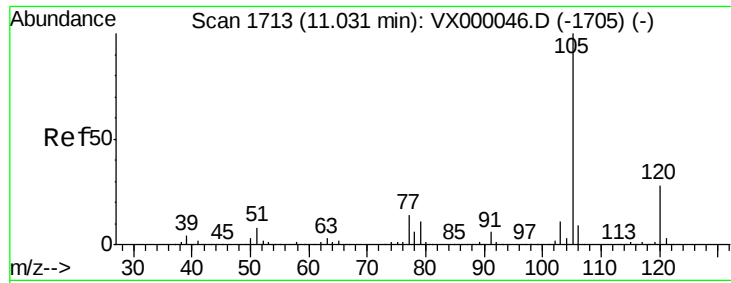
115 57.0 39.3 117.8

150 156.9 0.0 349.2



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





#73

Isopropylbenzene

Concen: 0.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000077.D

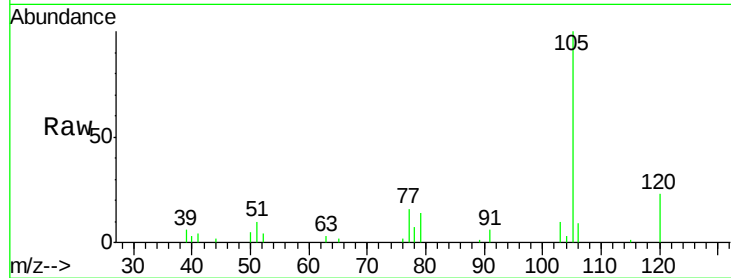
Acq: 13 Feb 2018 15:49

Tot Ion: 105 Resp: 4668

Ion Ratio Lower Upper

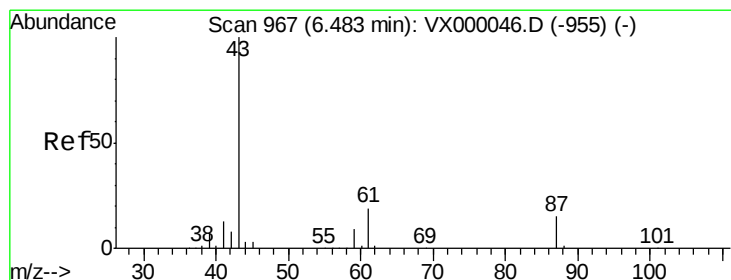
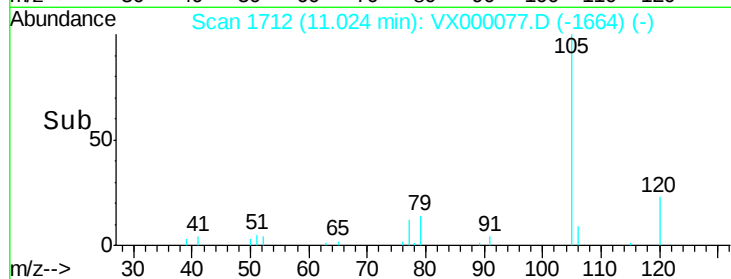
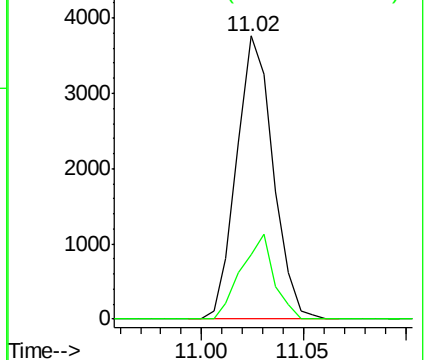
105 100

120 26.9 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.90 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

Tgt Ion: 43 Resp: 2525

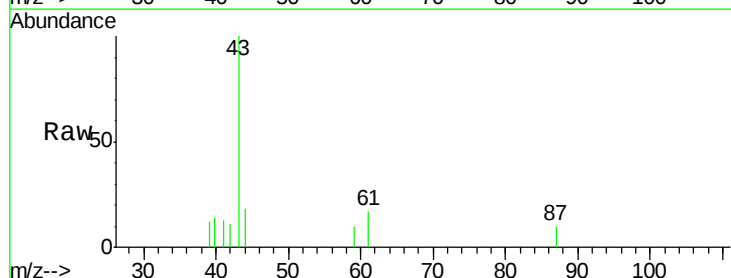
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 17.1 15.9 23.9

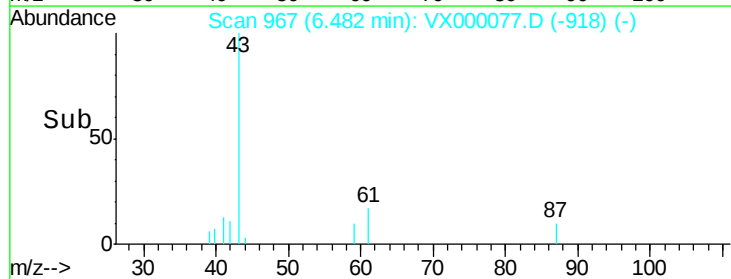
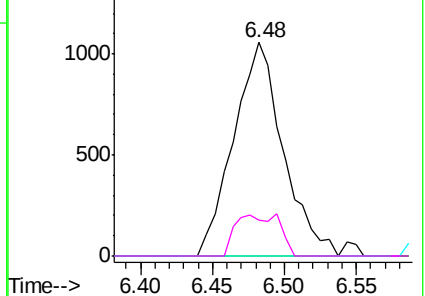


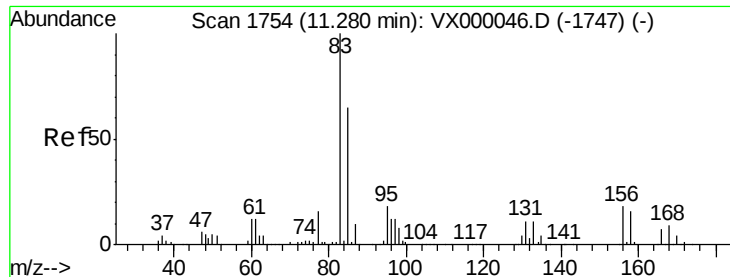
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.87 ug/l

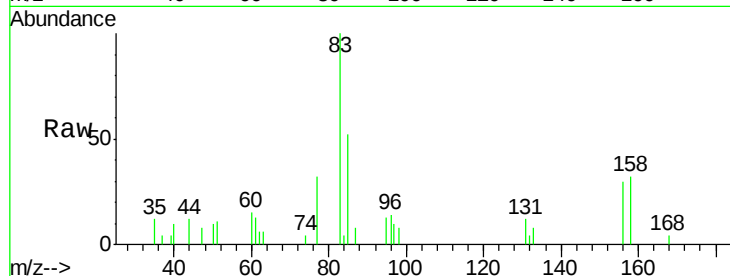
RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

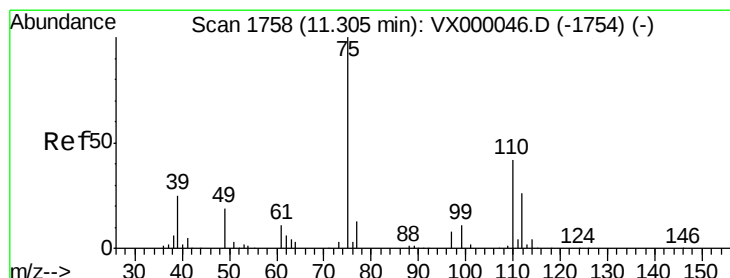
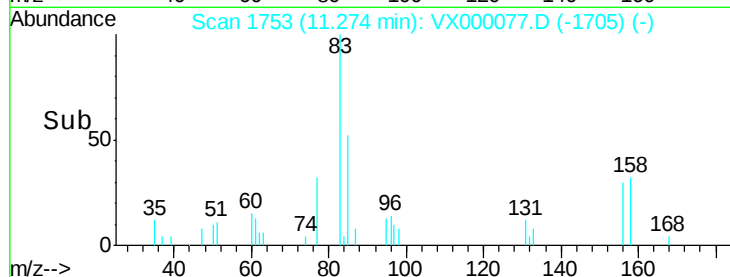
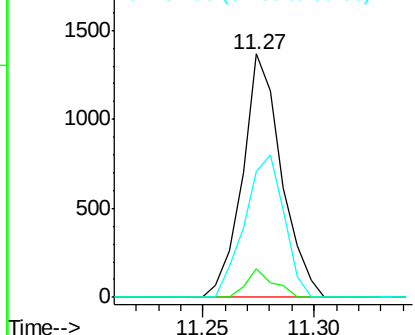
Tot Ion:	83	Resp:	1666
Ion	Ratio	Lower	Upper
83	100		
131	8.0	5.5	16.7
85	58.9	32.6	97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.87 ug/l m

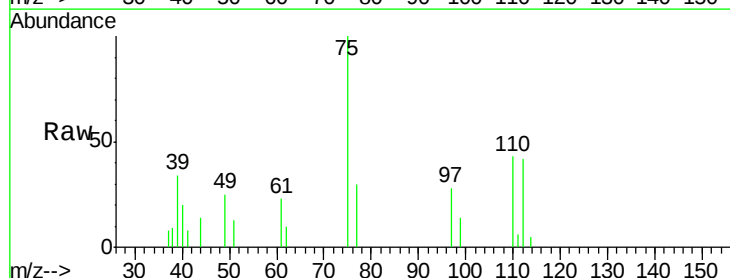
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000077.D

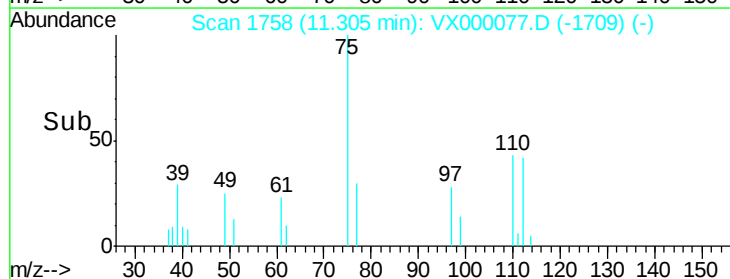
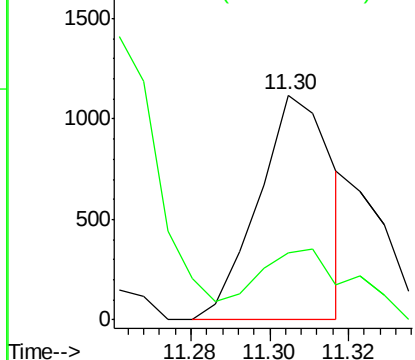
Acq: 13 Feb 2018 15:49

Tgt Ion:	75	Resp:	1455
Ion	Ratio	Lower	Upper
75	100		
77	40.1	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: 0.85 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

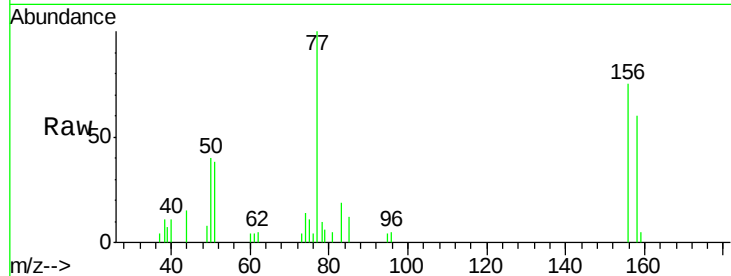
Tot Ion:156 Resp: 1288

Ion Ratio Lower Upper

156 100

77 141.5 66.2 198.6

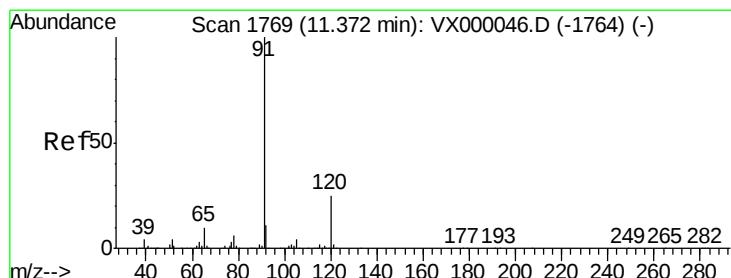
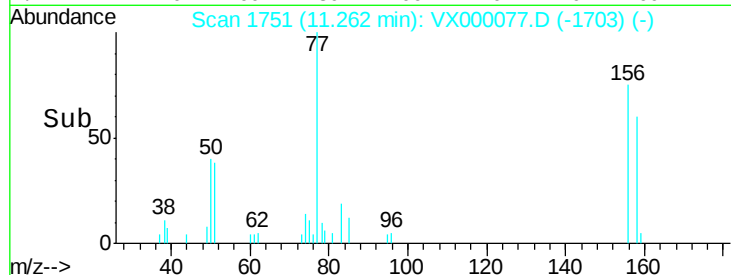
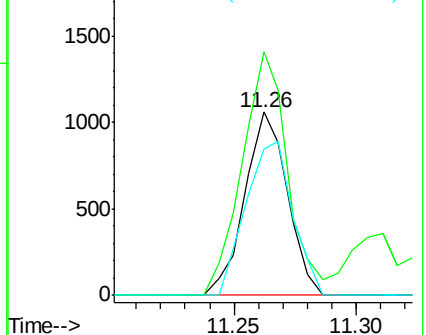
158 92.2 48.6 145.9



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: 0.86 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000077.D

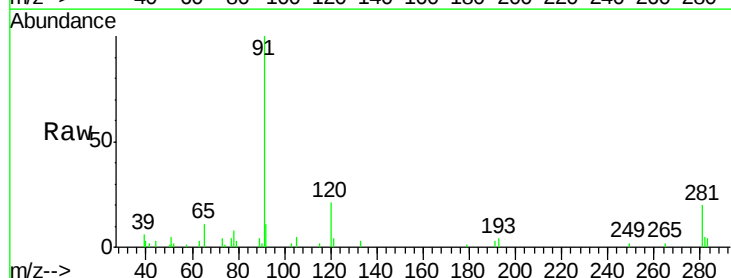
Acq: 13 Feb 2018 15:49

Tgt Ion: 91 Resp: 5565

Ion Ratio Lower Upper

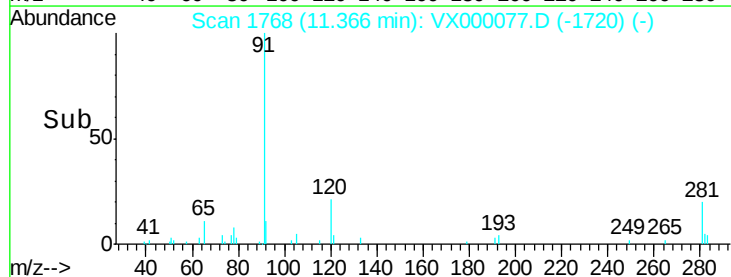
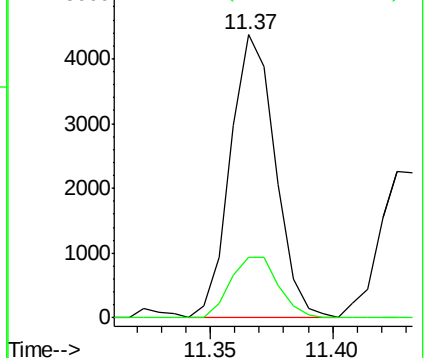
91 100

120 22.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

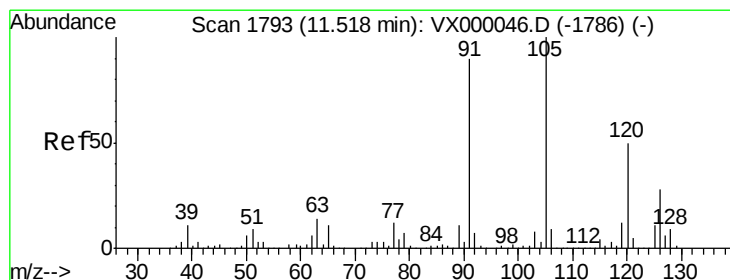
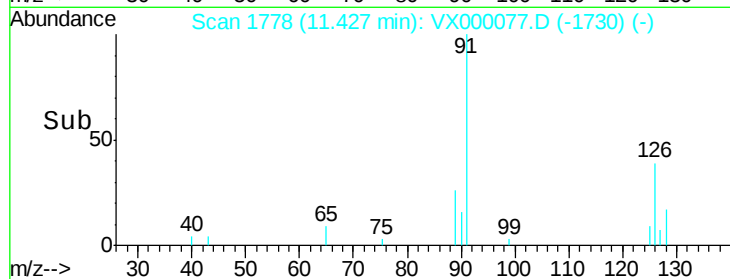
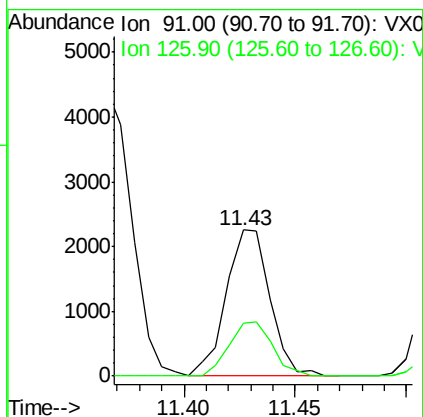
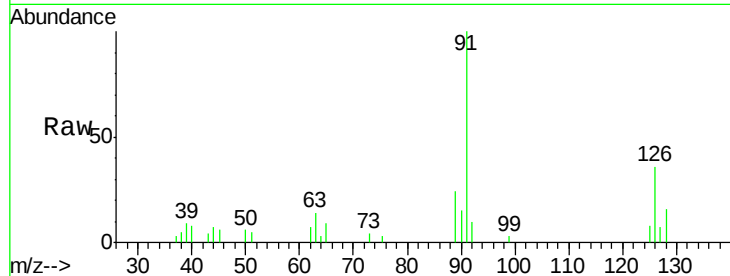
Ion 120.00 (119.70 to 120.70): V





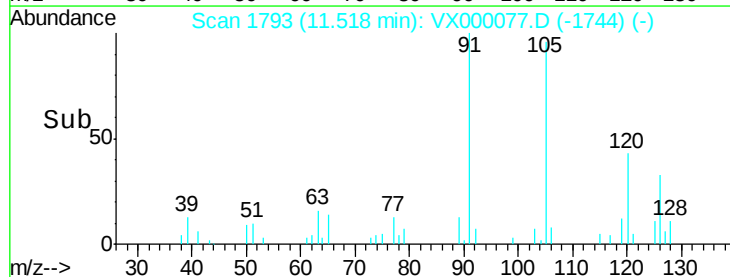
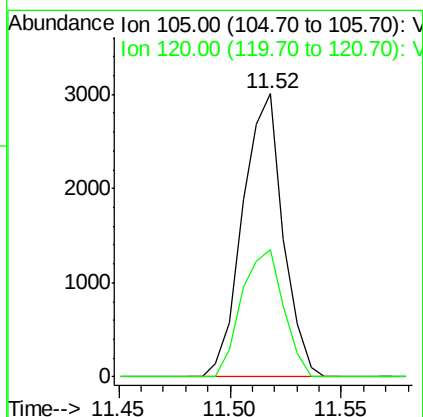
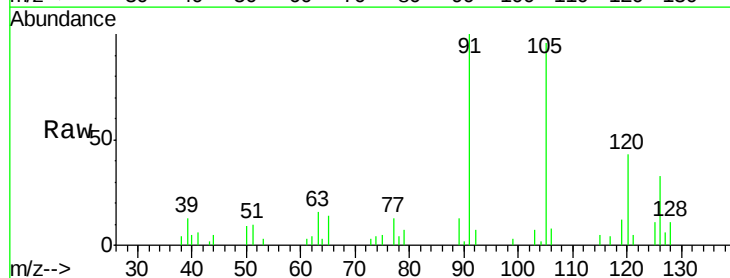
#79
 2-Chlorotoluene
 Concen: 0.83 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tot Ion: 91 Resp: 3103
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.2 54.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.81 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tgt Ion: 105 Resp: 3807
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 0.65 ug/l m

RT: 11.09 min Scan# 1722

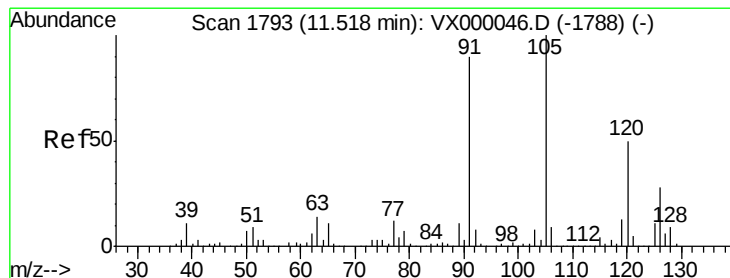
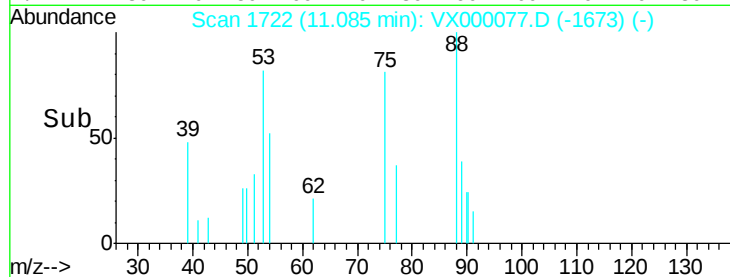
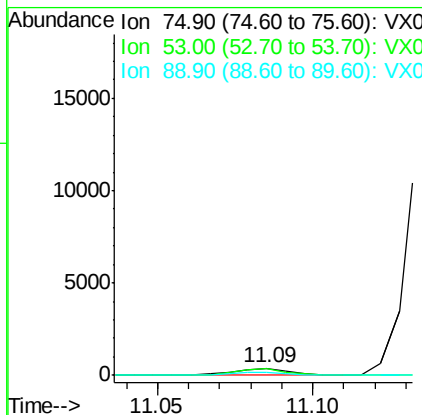
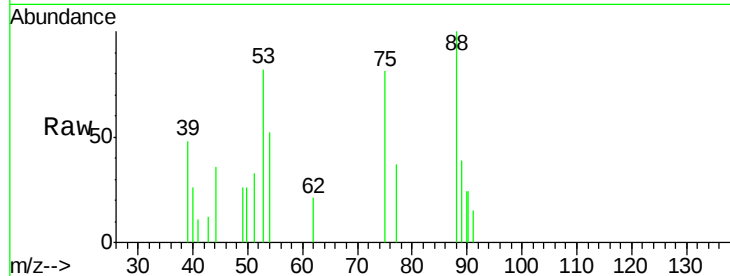
Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

Tot Ion: 75 Resp: 439

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.3	105.5#
89	0.0	48.6	72.8#



#82

4-Chlorotoluene

Concen: 0.90 ug/l

RT: 11.52 min Scan# 1793

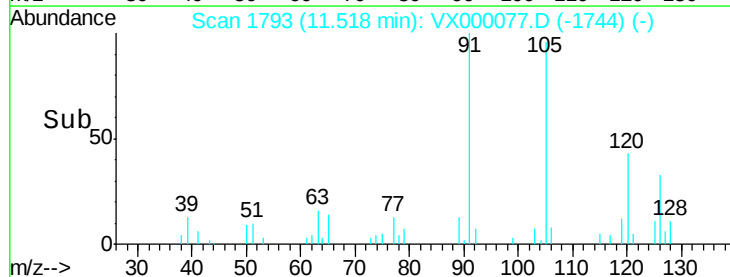
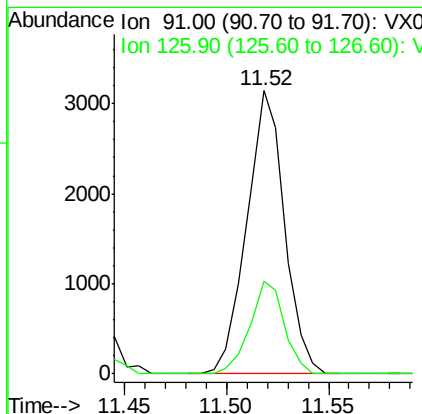
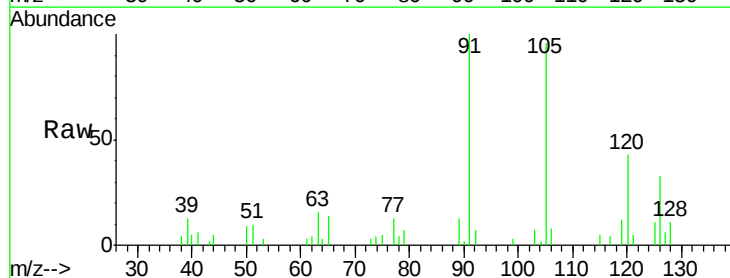
Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

Tgt Ion: 91 Resp: 4035

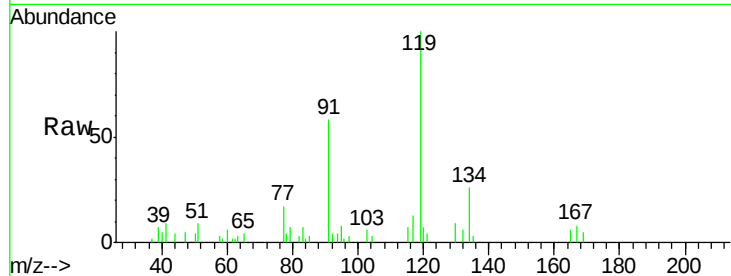
Ion	Ratio	Lower	Upper
91	100		
126	29.8	16.3	48.8



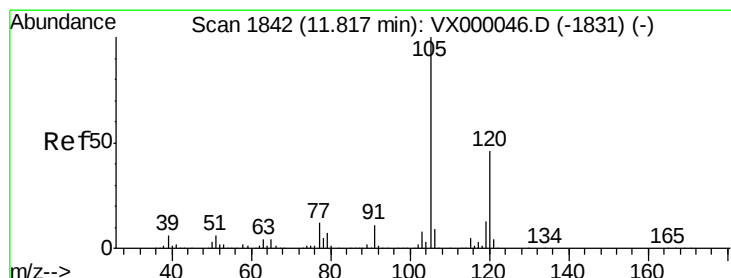
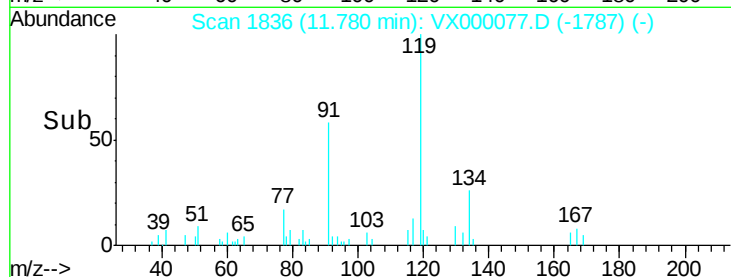
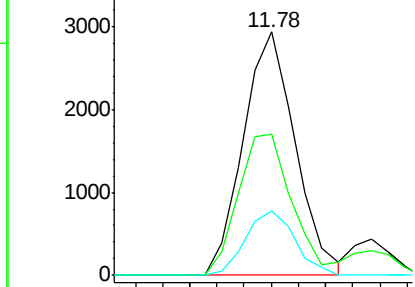


#83
 tert-Butylbenzene
 Concen: 0.82 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tot Ion:119 Resp: 3898
 Ion Ratio Lower Upper
 119 100
 91 60.2 27.9 83.7
 134 25.0 11.7 35.1

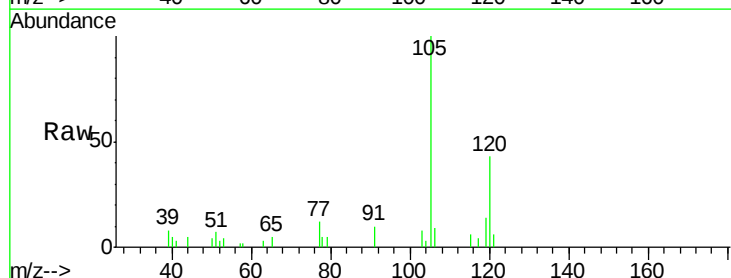


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

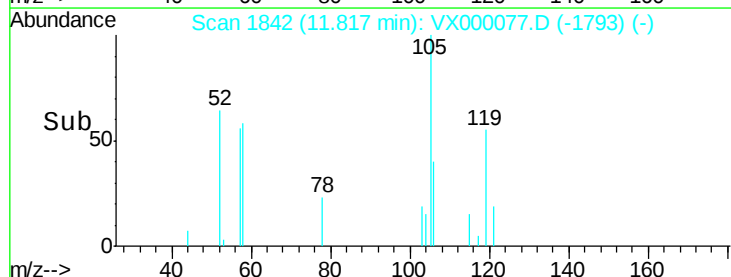
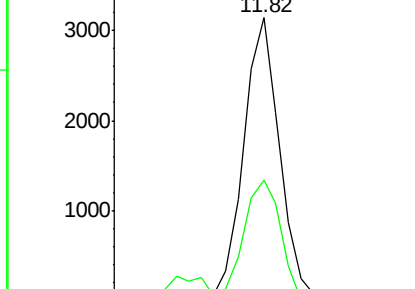


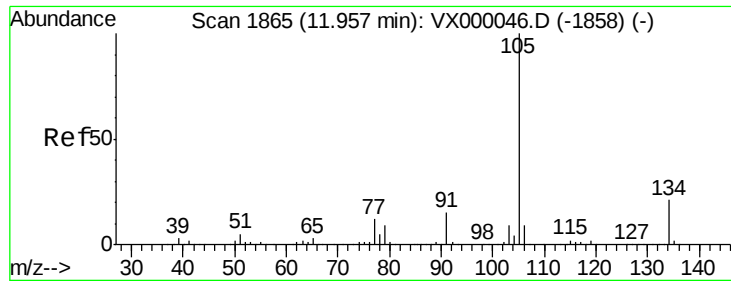
#84
 1,2,4-Trimethylbenzene
 Concen: 0.80 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tgt Ion:105 Resp: 3861
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.4 70.2



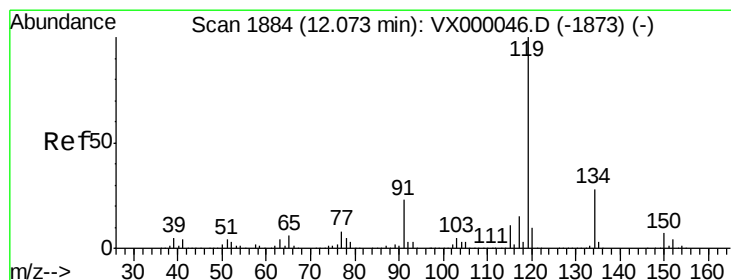
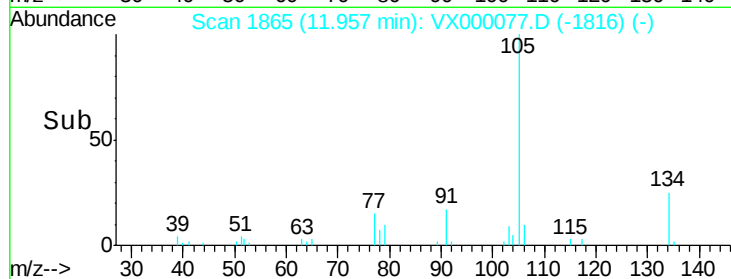
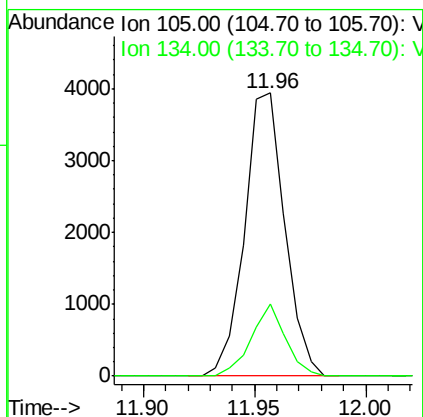
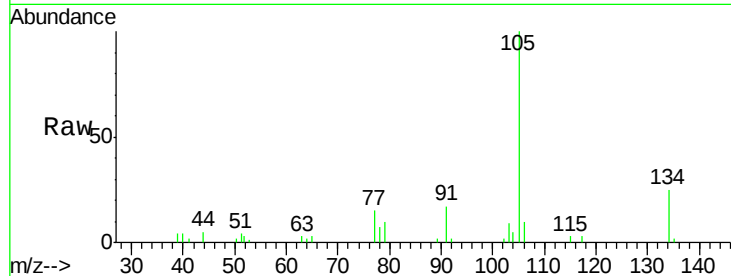
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





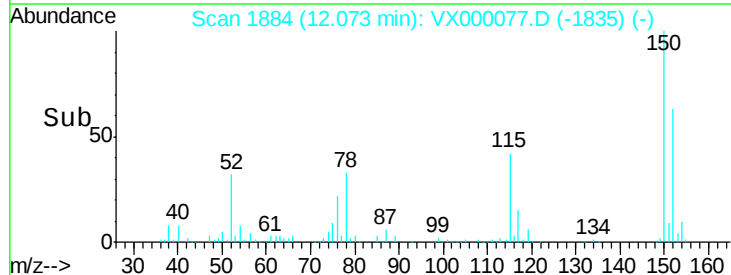
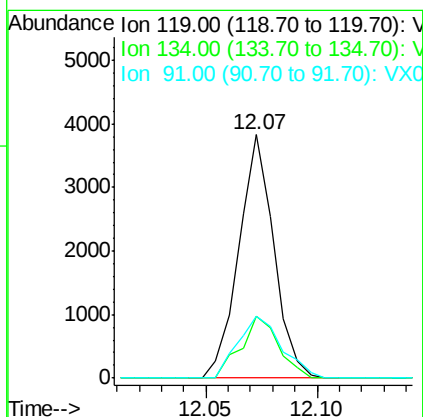
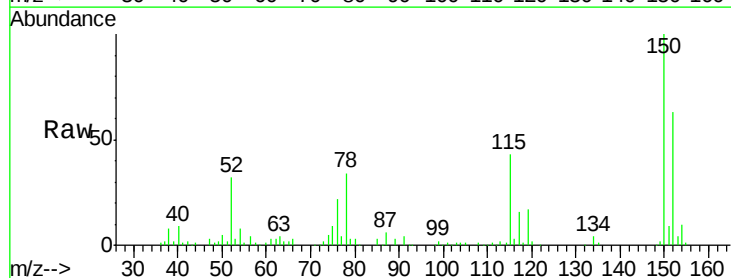
#85
 sec-Butylbenzene
 Concen: 0.85 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tot Ion:105 Resp: 4967
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 0.80 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tgt Ion:119 Resp: 4187
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.0 41.9
 91 31.8 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 0.84 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

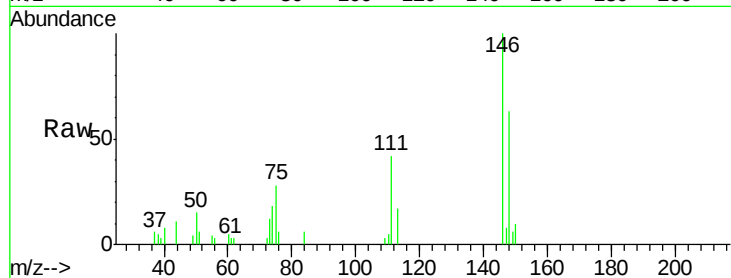
Tot Ion:146 Resp: 2398

Ion Ratio Lower Upper

146 100

111 40.7 18.9 56.9

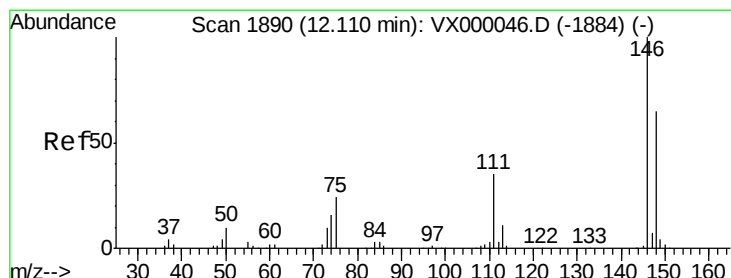
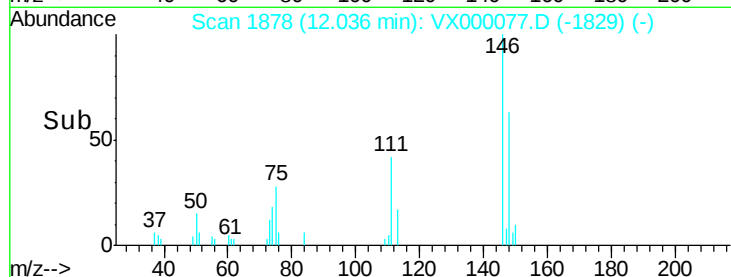
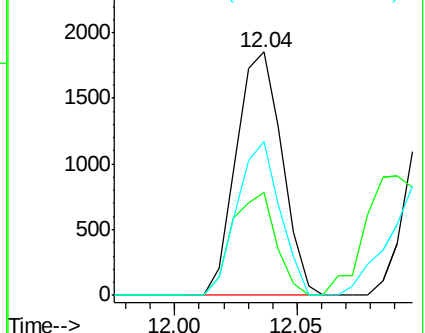
148 59.5 31.8 95.4



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: 0.82 ug/l m

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000077.D

Acq: 13 Feb 2018 15:49

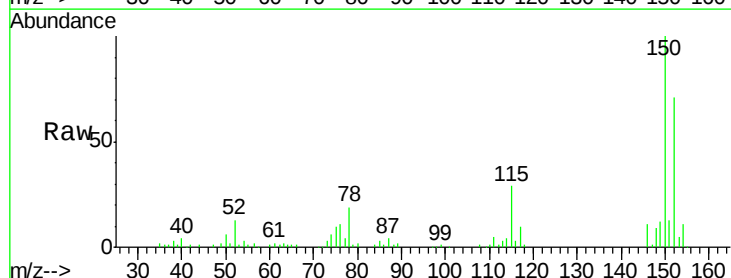
Tgt Ion:146 Resp: 2401

Ion Ratio Lower Upper

146 100

111 40.6 18.7 56.1

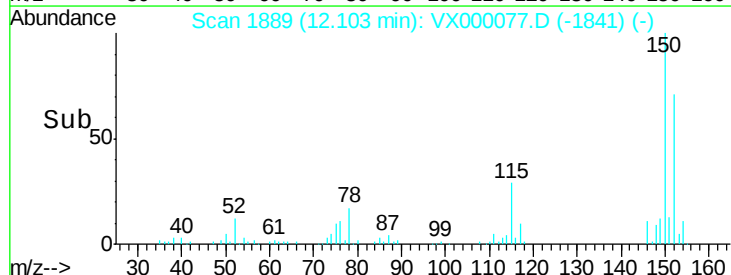
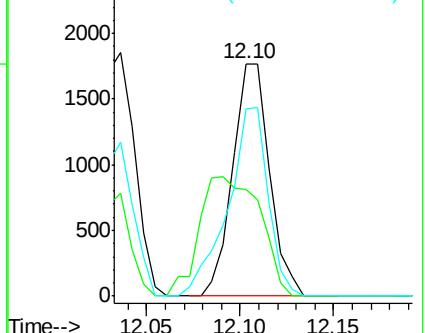
148 59.5 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

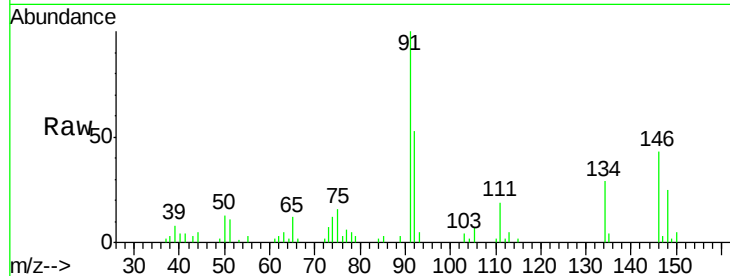
Ion 147.90 (147.60 to 148.60): V



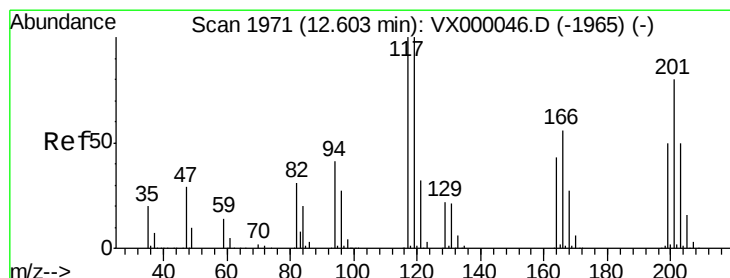
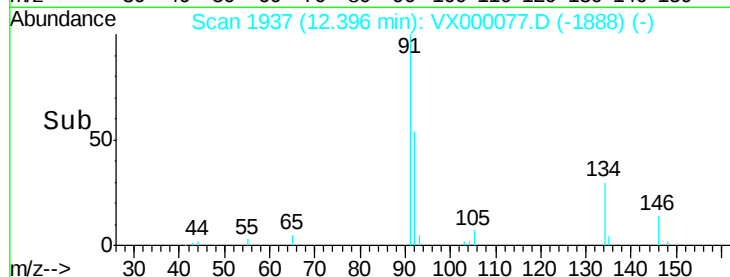
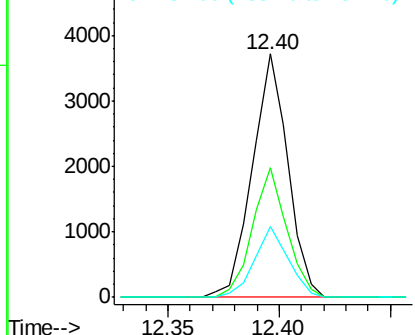


#89
n-Butylbenzene
Concen: 0.84 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tot Ion: 91 Resp: 4133
Ion Ratio Lower Upper
91 100
92 51.5 26.1 78.2
134 27.9 14.1 42.2

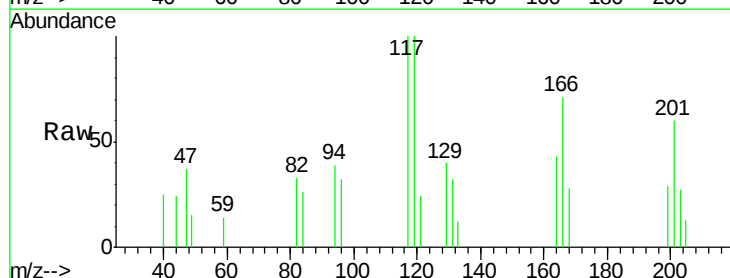


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

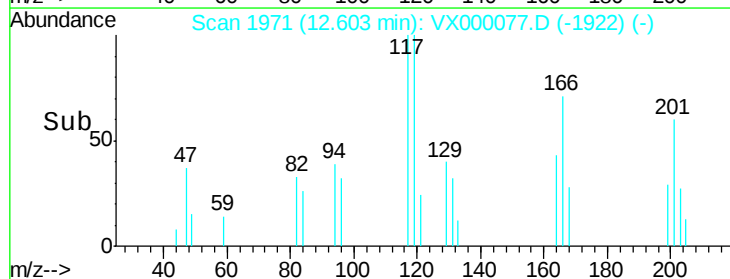
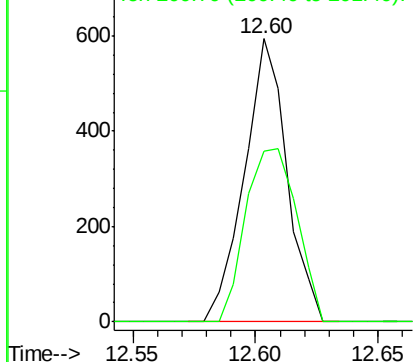


#90
Hexachloroethane
Concen: 0.78 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion: 117 Resp: 719
Ion Ratio Lower Upper
117 100
201 73.6 43.5 130.7



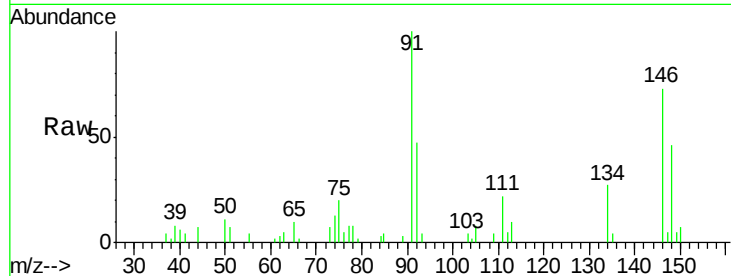
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



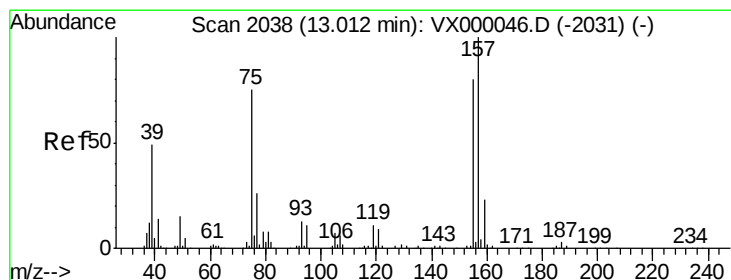
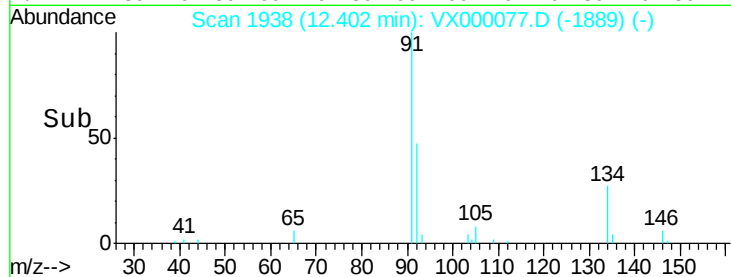
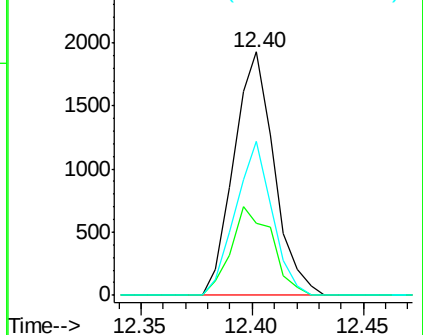


#91
 1,2-Dichlorobenzene
 Concen: 0.86 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tot Ion:146 Resp: 2424
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.4 58.2
 148 57.8 32.0 96.2

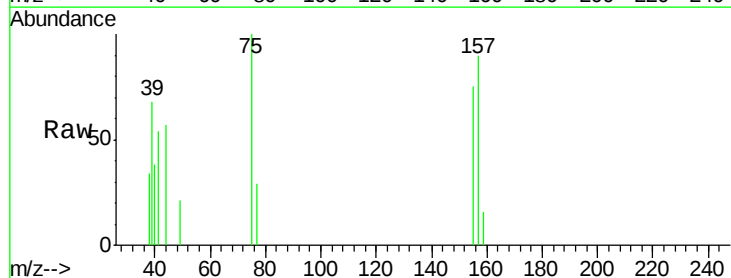


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

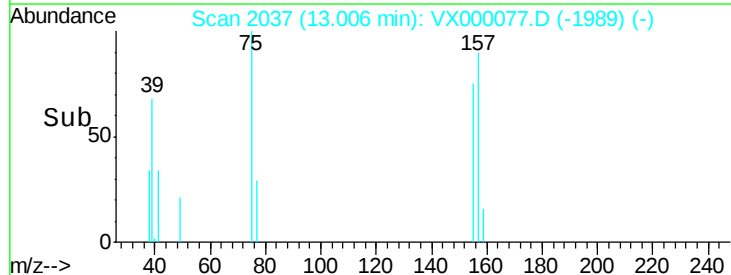
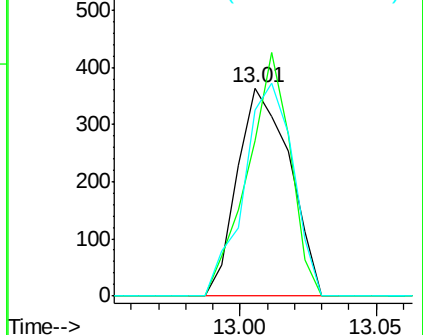


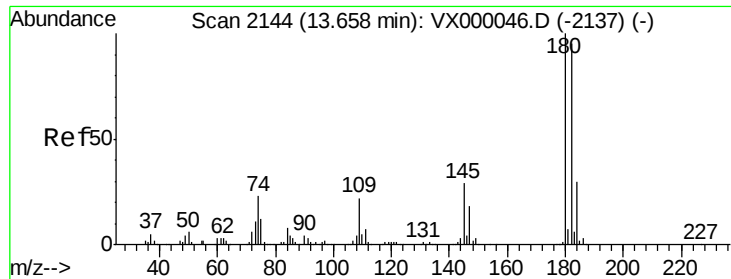
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.89 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tgt Ion: 75 Resp: 485
 Ion Ratio Lower Upper
 75 100
 155 95.3 52.0 156.0
 157 96.7 65.3 195.9



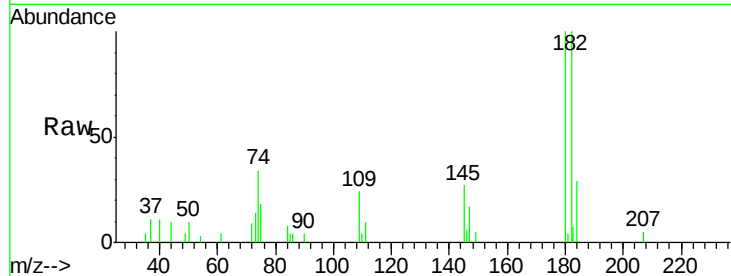
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



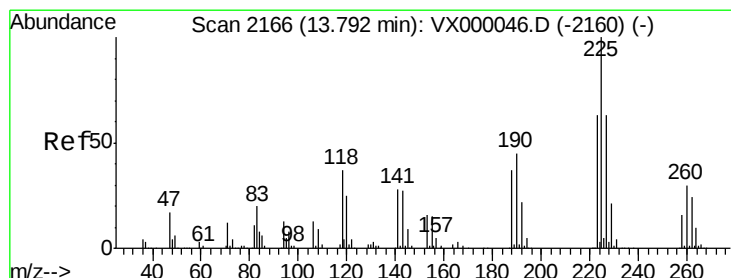
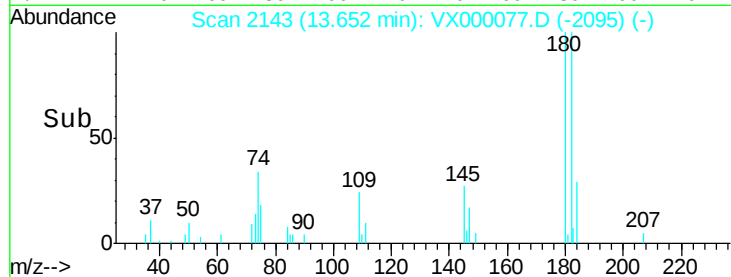
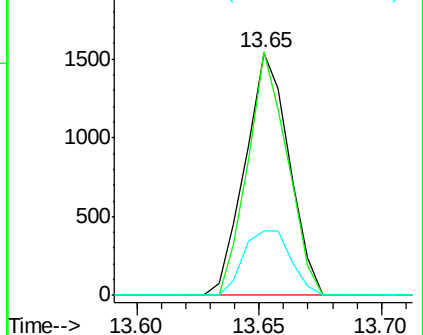


#93
 1,2,4-Trichlorobenzene
 Concen: 0.90 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.9	48.0	144.0
145	28.6	14.7	44.1

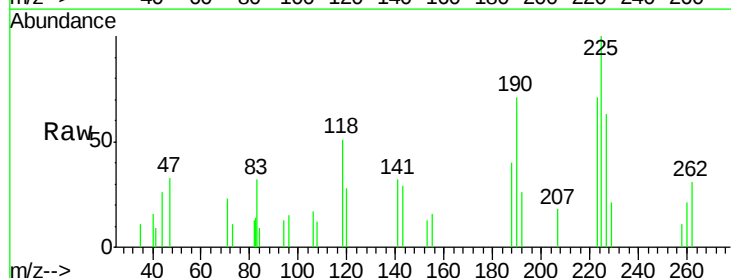


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

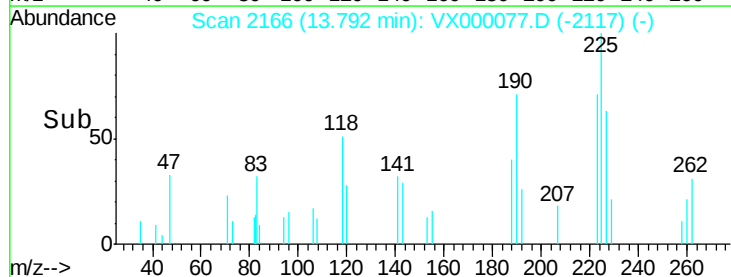
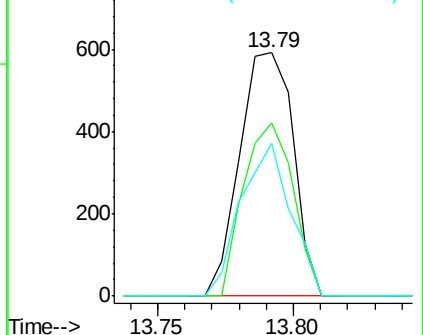


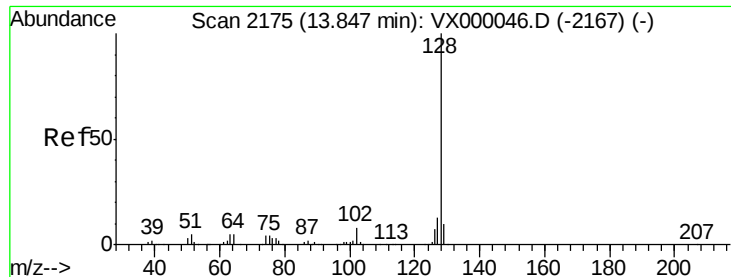
#94
 Hexachlorobutadiene
 Concen: 0.80 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000077.D
 Acq: 13 Feb 2018 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.9	95.5
227	58.9	31.6	95.0



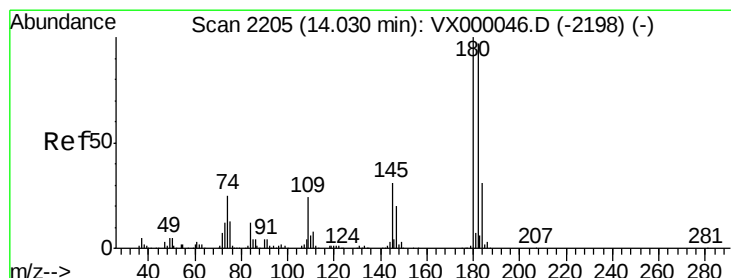
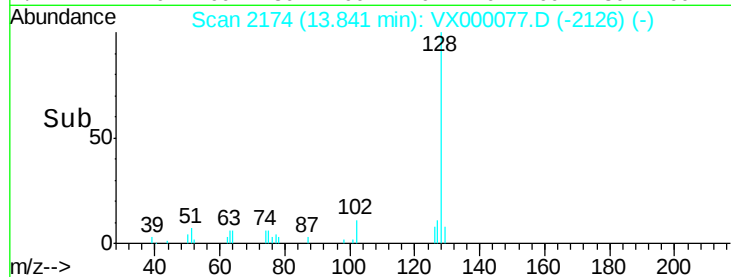
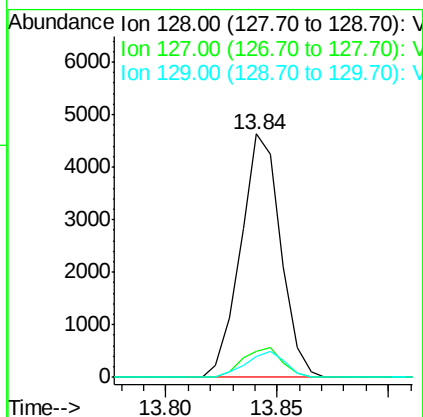
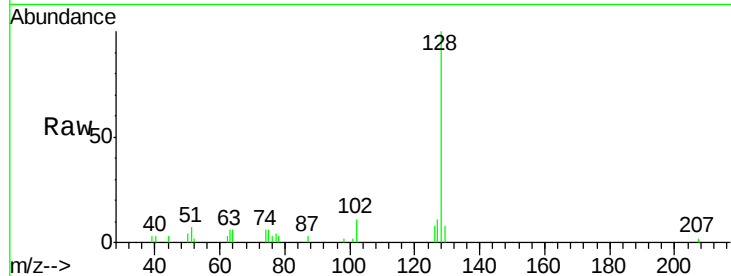
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 0.83 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tot Ion:128 Resp: 5792
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.82 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000077.D
Acq: 13 Feb 2018 15:49

Tgt Ion:180 Resp: 1717
Ion Ratio Lower Upper
180 100
182 99.5 47.9 143.7
145 32.1 15.7 47.0

