

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX021318\
 Data File : VX000076.D
 Acq On : 13 Feb 2018 15:23
 Operator : JC/MD
 Sample : MDL04 0.75
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL04 0.75

Quant Time: Feb 14 02:47:12 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	5.67	168	110236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93014	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	61152	53.09	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	5.51	113	51132	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	8.73	98	191025	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.15	95	77347	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	878	0.88	ug/l	86
3) Chloromethane	1.32	50	1013	1.00	ug/l #	74
4) Vinyl Chloride	1.41	62	1060	0.92	ug/l	96
5) Bromomethane	1.65	94	938	1.53	ug/l	99
6) Chloroethane	1.73	64	1232	1.79	ug/l #	83
7) Trichlorofluoromethane	1.93	101	1841	0.92	ug/l	86
8) Diethyl Ether	2.20	74	579	0.80	ug/l #	50
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1079	0.96	ug/l	91
10) Methyl Iodide	2.52	142	1042	2.43	ug/l #	88
11) Tert butyl alcohol	3.07	59	2241	4.86	ug/l #	91
12) 1,1-Dichloroethene	2.39	96	853	0.80	ug/l	86
13) Acrolein	2.29	56	1278	5.40	ug/l #	64
14) Allyl chloride	2.73	41	2164	1.16	ug/l #	80
15) Acrylonitrile	3.15	53	3967	4.94	ug/l	97
16) Acetone	2.45	43	4377	6.42	ug/l	97
17) Carbon Disulfide	2.58	76	2860	0.92	ug/l	97
18) Methyl Acetate	2.78	43	2188	1.27	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	3355	0.92	ug/l	92
20) Methylene Chloride	2.86	84	1090	0.95	ug/l #	83
21) trans-1,2-Dichloroethene	3.18	96	1128	0.98	ug/l	93
22) Diisopropyl ether	3.88	45	3407	1.11	ug/l #	87
23) Vinyl Acetate	3.83	43	13497	4.85	ug/l	96
24) 1,1-Dichloroethane	3.70	63	1863	0.97	ug/l #	93
25) 2-Butanone	4.71	43	5519	5.36	ug/l	92
26) 2,2-Dichloropropane	4.59	77	1432	0.87	ug/l #	74
27) cis-1,2-Dichloroethene	4.61	96	1034	0.92	ug/l	96
28) Bromochloromethane	5.02	49	649	1.02	ug/l #	78
29) Tetrahydrofuran	5.18	42	3689	5.23	ug/l	94
30) Chloroform	5.23	83	1779	0.92	ug/l	92
31) Cyclohexane	5.59	56	1536	0.98	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	1463	0.81	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	1510	0.95	ug/l	91
37) Ethyl Acetate	4.87	43	2149	1.05	ug/l #	94
38) Carbon Tetrachloride	5.79	117	1430	0.80	ug/l	96

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	1664	0.87	ug/l #	81
40) Benzene	6.15	78	3577	0.80	ug/l #	85
41) Methacrylonitrile	5.07	41	1123	1.07	ug/l #	65
42) 1,2-Dichloroethane	6.20	62	1407	0.88	ug/l	82
43) Isopropyl Acetate	6.48	43	2757	0.89	ug/l #	93
44) Trichloroethene	7.22	130	1083	0.78	ug/l	95
45) 1,2-Dichloropropane	7.53	63	876	0.81	ug/l	91
46) Dibromomethane	7.67	93	778	0.93	ug/l	82
47) Bromodichloromethane	7.90	83	1303	0.80	ug/l #	82
48) Methyl methacrylate	7.79	41	1438	0.95	ug/l #	86
49) 1,4-Dioxane	7.78	88	637	15.81	ug/l #	93
51) 4-Methyl-2-Pentanone	8.66	43	8988	4.18	ug/l	99
52) Toluene	8.79	92	2514	0.84	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	1477	0.77	ug/l #	77
54) cis-1,3-Dichloropropene	9.05	75	1524	0.82	ug/l	91
55) 1,1,2-Trichloroethane	9.23	97	973	0.77	ug/l #	78
56) Ethyl methacrylate	9.19	69	1422	0.74	ug/l #	79
57) 1,3-Dichloropropane	9.38	76	1497	0.76	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	3902	4.09	ug/l	98
59) 2-Hexanone	9.51	43	7597	4.35	ug/l	98
60) Dibromochloromethane	9.59	129	1054	0.73	ug/l	95
61) 1,2-Dibromoethane	9.68	107	996	0.72	ug/l	87
64) Tetrachloroethene	9.34	164	951	0.74	ug/l	96
65) Chlorobenzene	10.15	112	2922	0.82	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	1001	0.78	ug/l #	64
67) Ethyl Benzene	10.26	91	5082	0.86	ug/l	96
68) m/p-Xylenes	10.37	106	3624	1.54	ug/l	93
69) o-Xylene	10.71	106	1738	0.76	ug/l	93
70) Styrene	10.72	104	2897	0.75	ug/l	97
71) Bromoform	10.87	173	777	0.64	ug/l #	95
73) Isopropylbenzene	11.02	105	4895	0.83	ug/l	99
74) N-amyl acetate	6.48	43	2757	0.93	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	1711	0.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	2124	1.21	ug/l	82
77) Bromobenzene	11.26	156	1385	0.86	ug/l	95
78) n-propylbenzene	11.37	91	5741	0.84	ug/l	98
79) 2-Chlorotoluene	11.43	91	3570	0.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	3916	0.79	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.15	75	40480	57.18	ug/l #	11
82) 4-Chlorotoluene	11.52	91	4144	0.88	ug/l	97
83) tert-Butylbenzene	11.78	119	4380	0.88	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	4455	0.88	ug/l	91
85) sec-Butylbenzene	11.96	105	5152	0.84	ug/l	98
86) p-Isopropyltoluene	12.07	119	4526	0.82	ug/l	92
87) 1,3-Dichlorobenzene	12.04	146	2621	0.87	ug/l	97
88) 1,4-Dichlorobenzene	12.04	146	2621	0.85	ug/l	96
89) n-Butylbenzene	12.40	91	4473	0.87	ug/l	96
90) Hexachloroethane	12.61	117	748	0.77	ug/l	77
91) 1,2-Dichlorobenzene	12.40	146	2514	0.85	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	13.01	75	476	0.83	ug/l	87

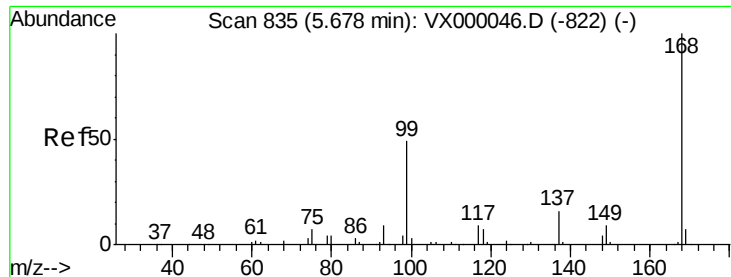
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Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1922	0.85	ug/l	99
94) Hexachlorobutadiene	13.79	225	889	0.83	ug/l	91
95) Naphthalene	13.84	128	6178	0.84	ug/l	96
96) 1,2,3-Trichlorobenzene	14.03	180	1769	0.81	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

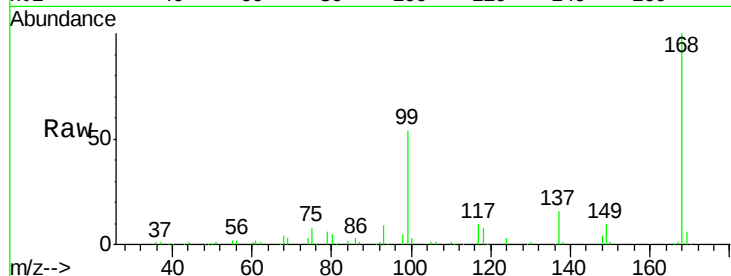
Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion:168 Resp: 110236

Ion Ratio Lower Upper

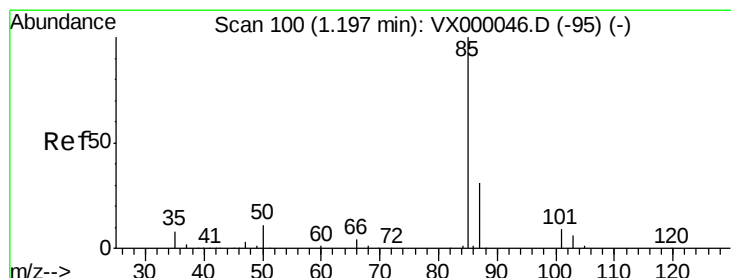
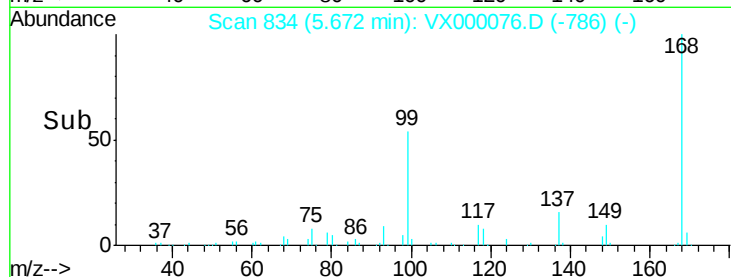
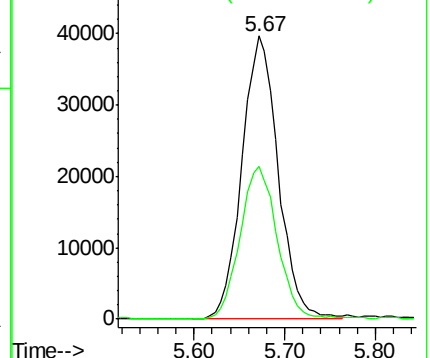
168 100

99 54.0 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: 0.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000076.D

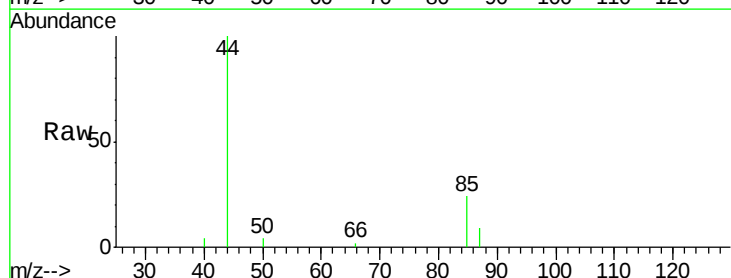
Acq: 13 Feb 2018 15:23

Tgt Ion: 85 Resp: 878

Ion Ratio Lower Upper

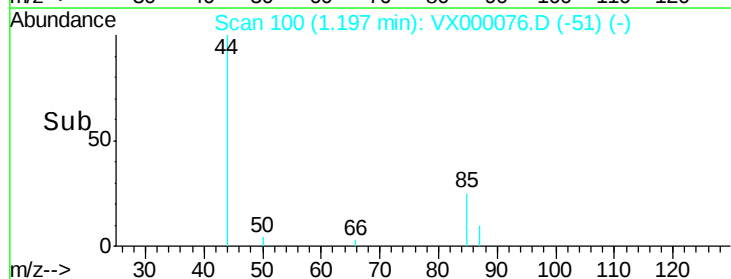
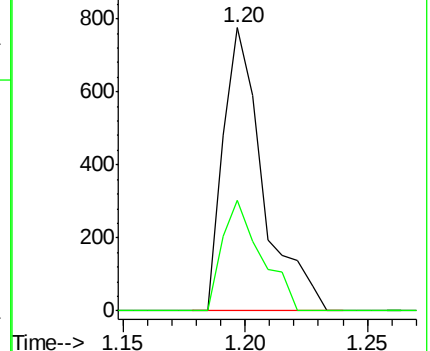
85 100

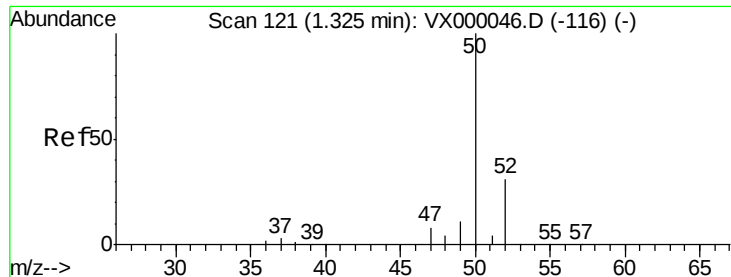
87 39.1 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.00 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

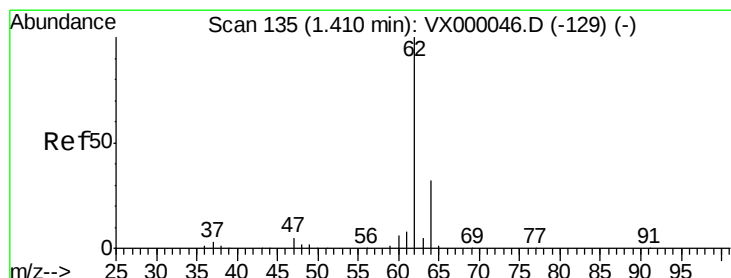
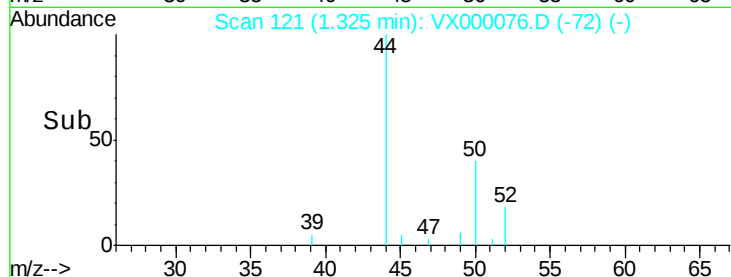
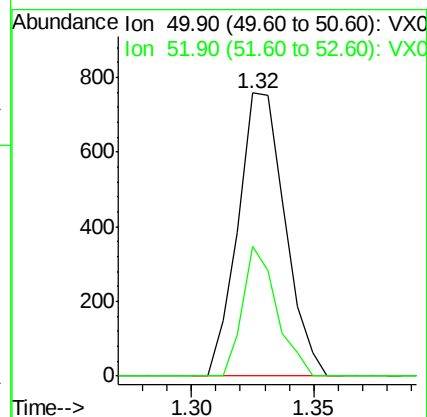
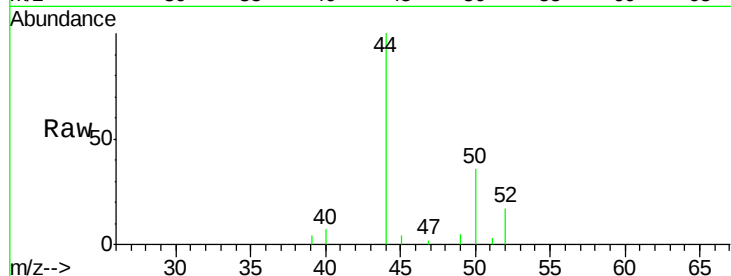
MDL04 0.75

Tgt Ion: 50 Resp: 1013

Ion Ratio Lower Upper

50 100

52 45.8 25.0 37.6#



#4

Vinyl Chloride

Concen: 0.92 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000076.D

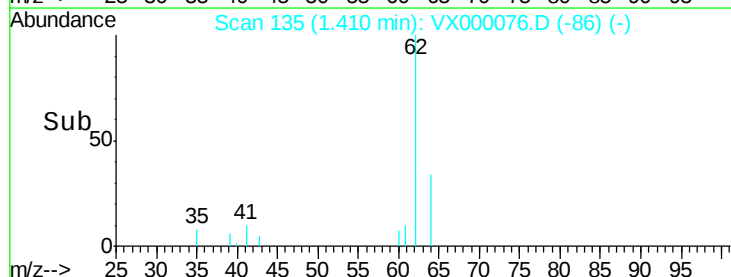
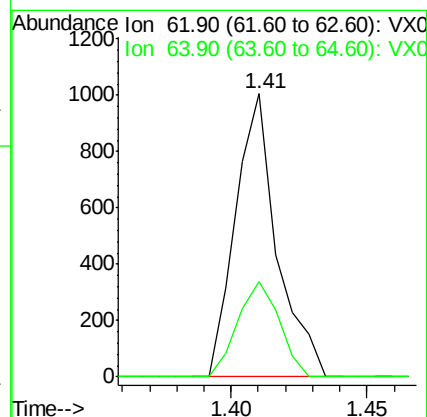
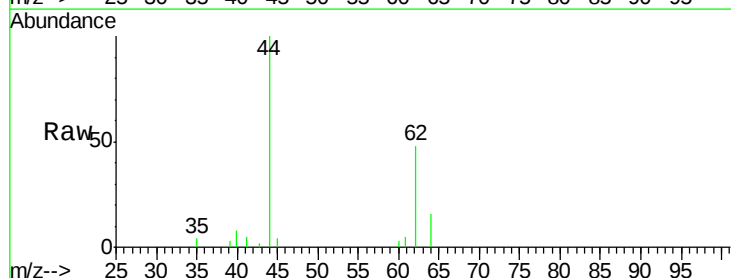
Acq: 13 Feb 2018 15:23

Tgt Ion: 62 Resp: 1060

Ion Ratio Lower Upper

62 100

64 33.7 25.4 38.0





#5

Bromomethane

Concen: 1.53 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

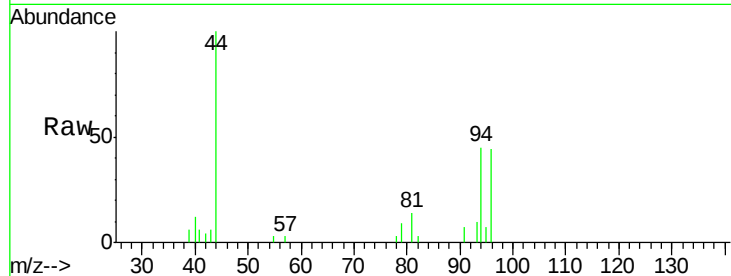
Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion: 94 Resp: 938

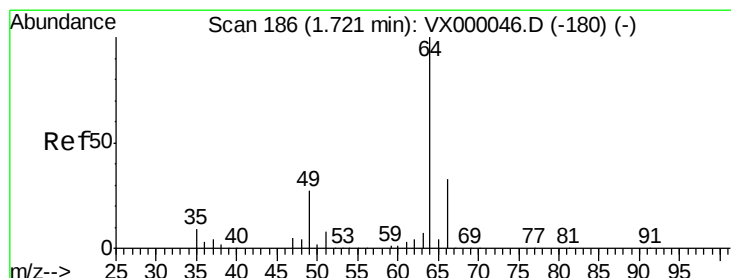
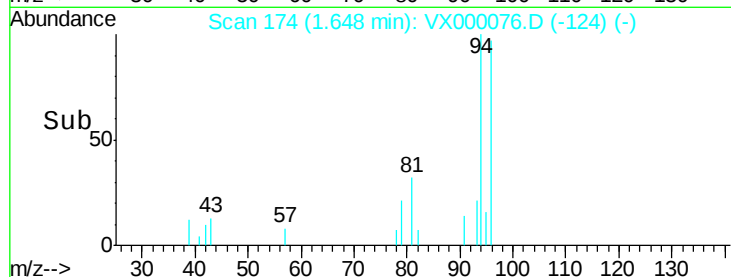
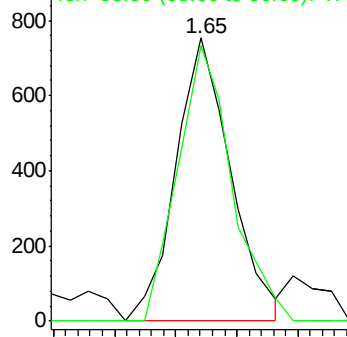
Ion Ratio Lower Upper

94 100

96 97.3 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.79 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000076.D

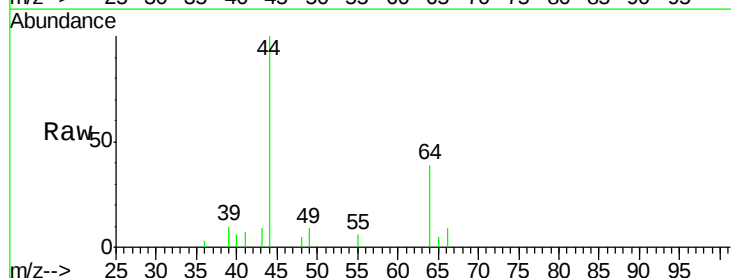
Acq: 13 Feb 2018 15:23

Tgt Ion: 64 Resp: 1232

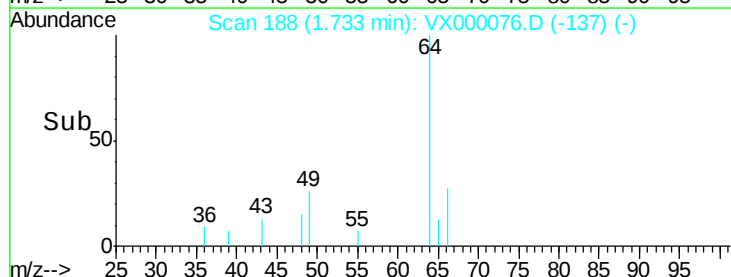
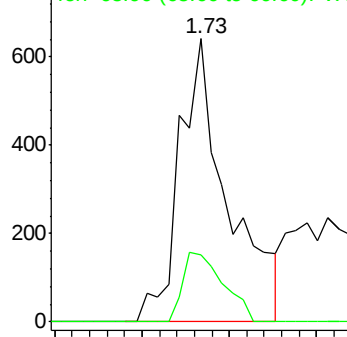
Ion Ratio Lower Upper

64 100

66 23.6 26.4 39.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



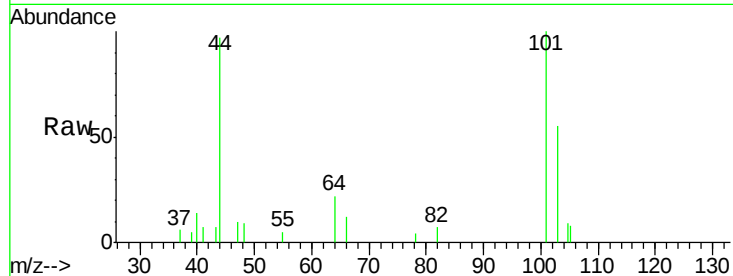


#7

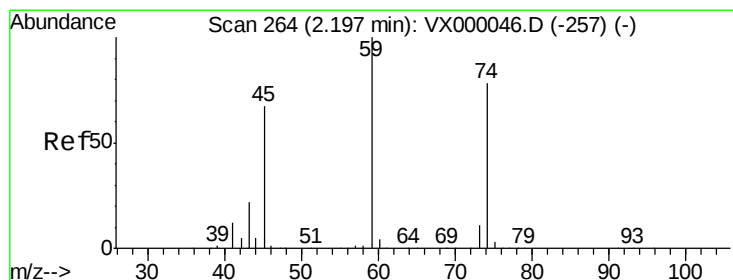
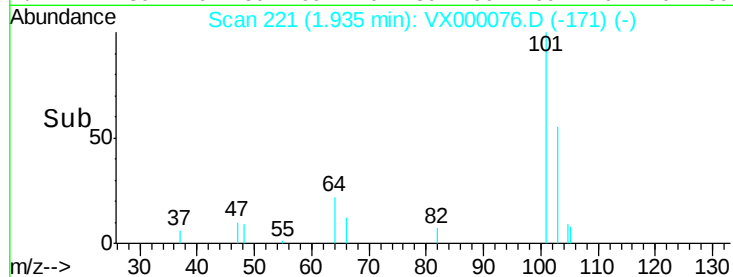
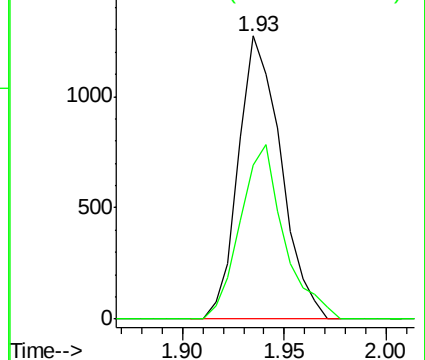
Trichlorofluoromethane
 Concen: 0.92 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tgt Ion: 101 Resp: 1841
 Ion Ratio Lower Upper
 101 100
 103 54.6 52.3 78.5



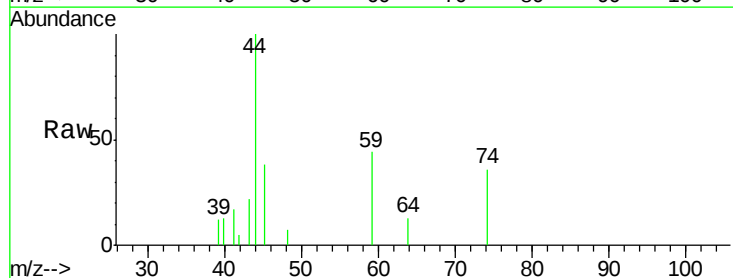
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



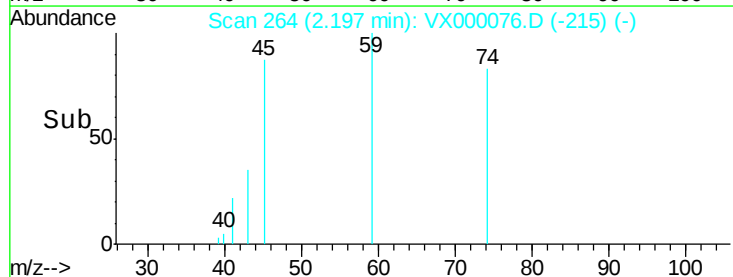
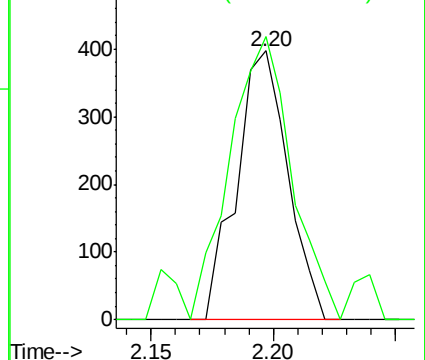
#8

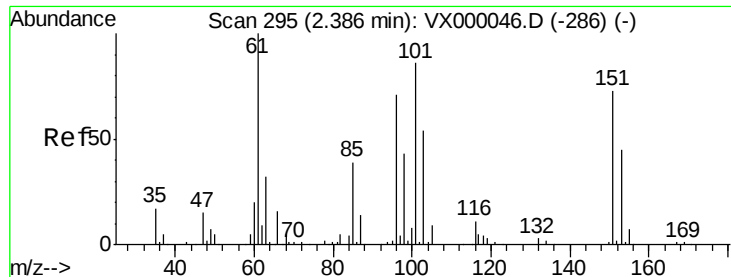
Diethyl Ether
 Concen: 0.80 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion: 74 Resp: 579
 Ion Ratio Lower Upper
 74 100
 45 135.2 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: 0.96 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

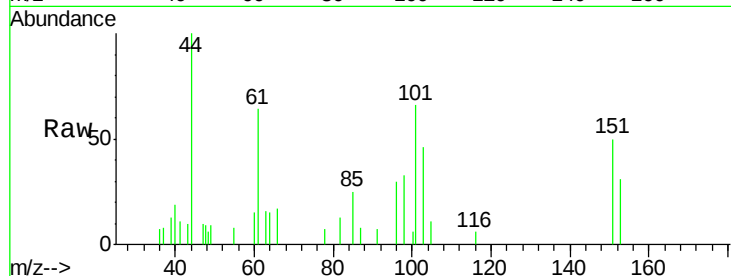
Tgt Ion:101 Resp: 1079

Ion Ratio Lower Upper

101 100

85 46.0 36.6 54.8

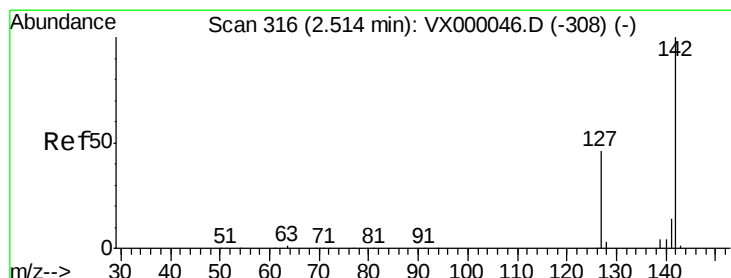
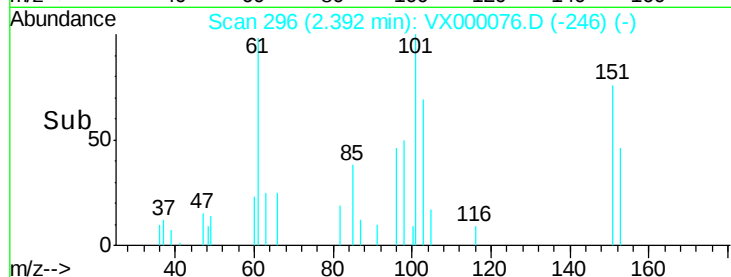
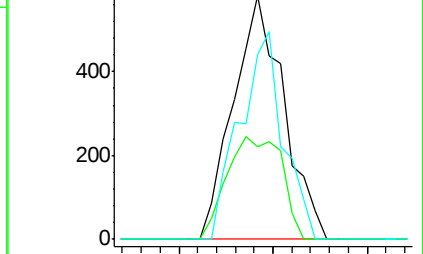
151 73.3 68.8 103.2



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: 2.43 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

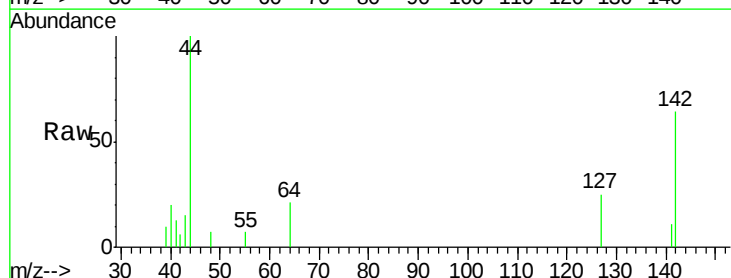
Tgt Ion:142 Resp: 1042

Ion Ratio Lower Upper

142 100

127 38.9 36.8 55.2

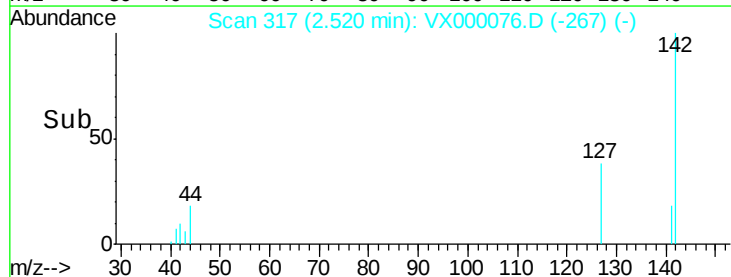
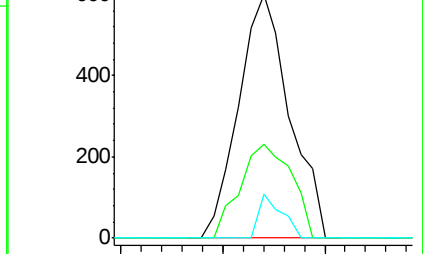
141 8.2 11.4 17.0#

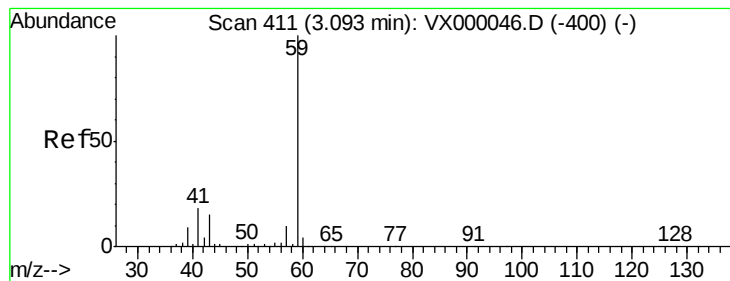


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



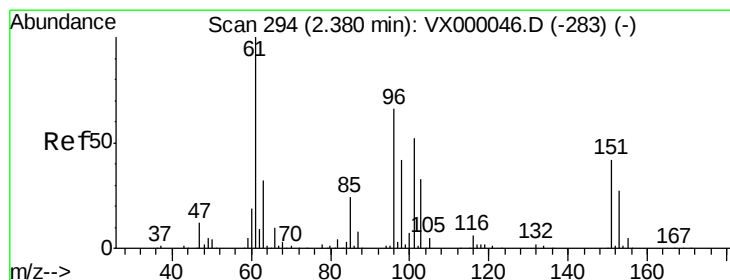
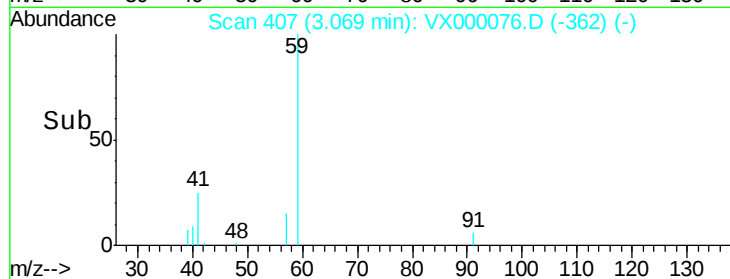
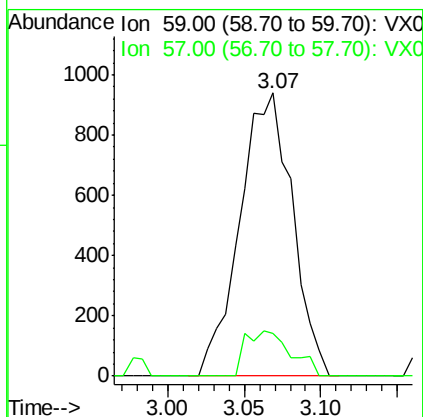
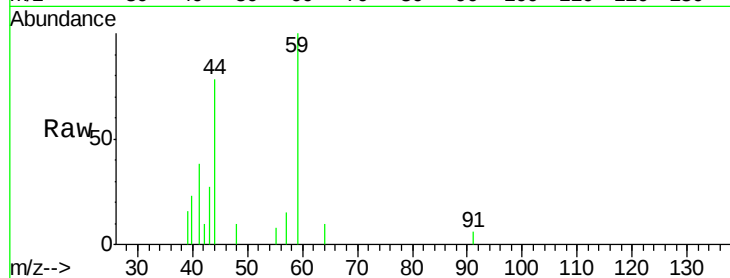


#11

Tert butyl alcohol
Concen: 4.86 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

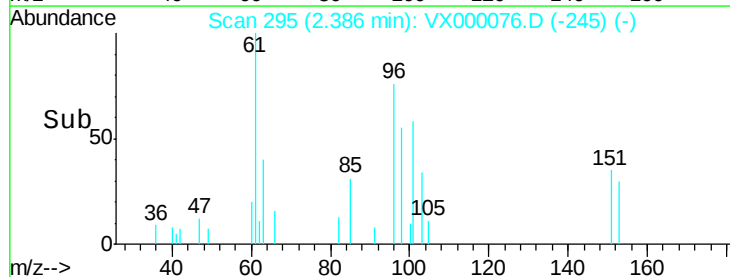
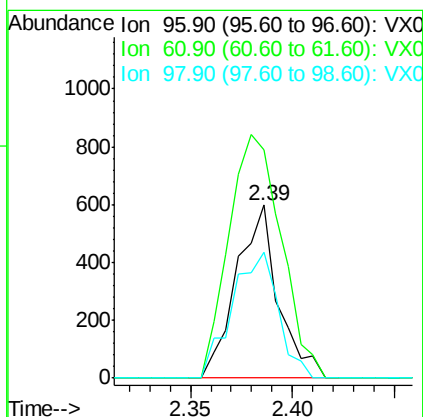
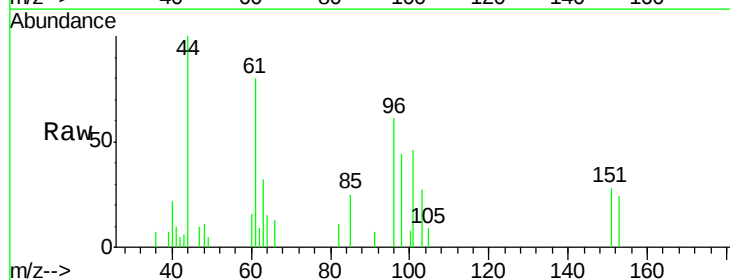
Tgt Ion: 59 Resp: 2241
Ion Ratio Lower Upper
59 100
57 14.0 8.4 12.6#

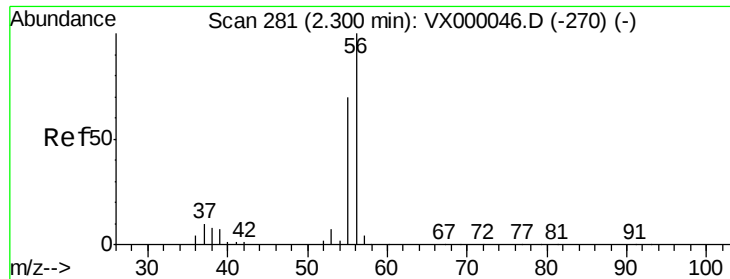


#12

1,1-Dichloroethene
Concen: 0.80 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 96 Resp: 853
Ion Ratio Lower Upper
96 100
61 131.9 120.3 180.5
98 72.5 51.0 76.4





#13

Acrolein

Concen: 5.40 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

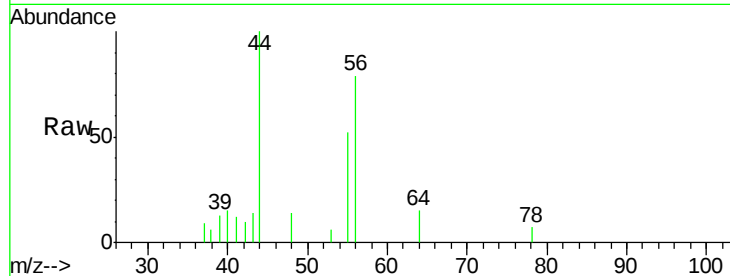
MDL04 0.75

Tgt Ion: 56 Resp: 1278

Ion Ratio Lower Upper

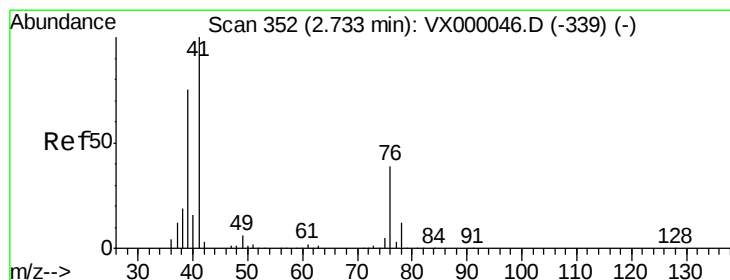
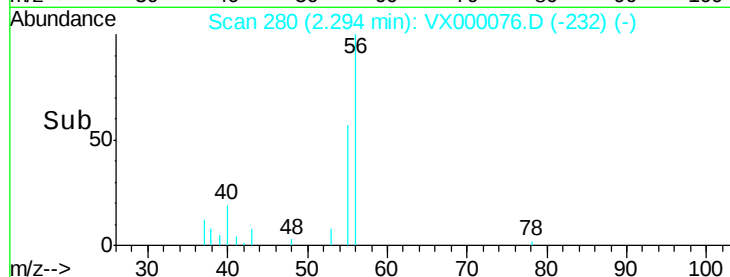
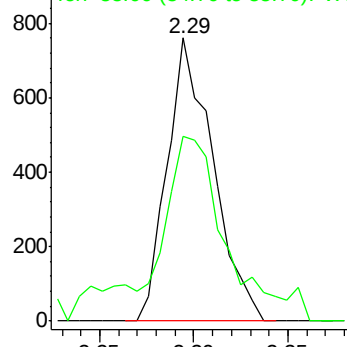
56 100

55 100.4 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.16 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

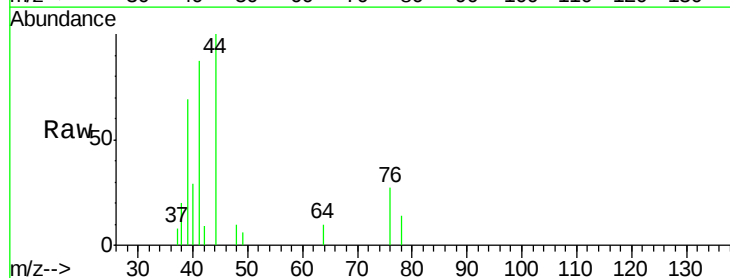
Tgt Ion: 41 Resp: 2164

Ion Ratio Lower Upper

41 100

39 50.7 55.8 83.6#

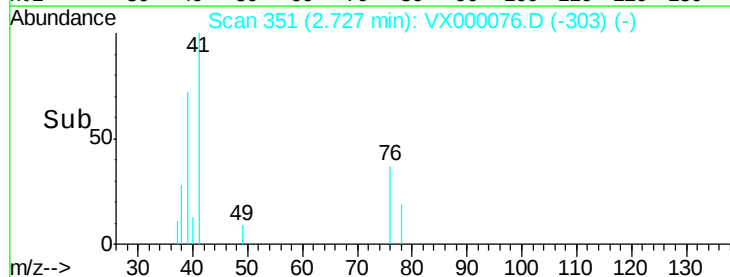
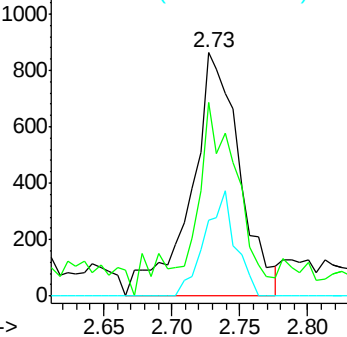
76 27.2 28.7 43.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 4.94 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

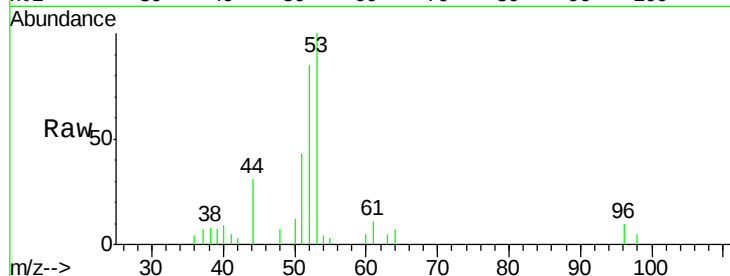
Tgt Ion: 53 Resp: 3967

Ion Ratio Lower Upper

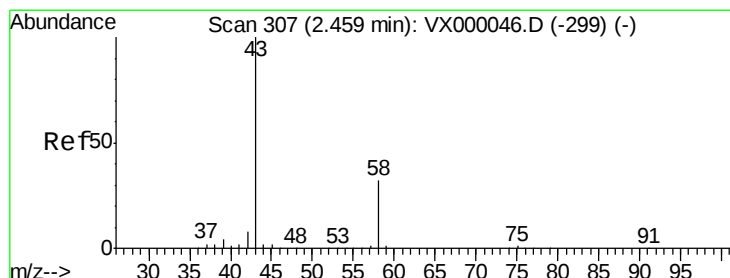
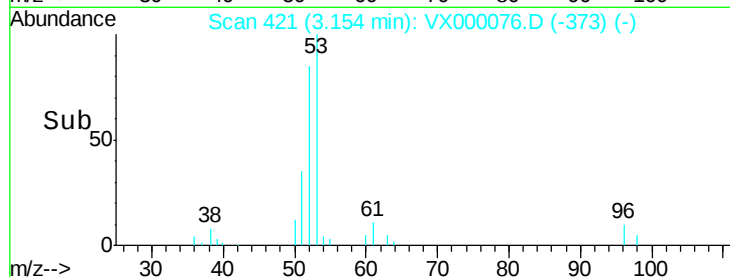
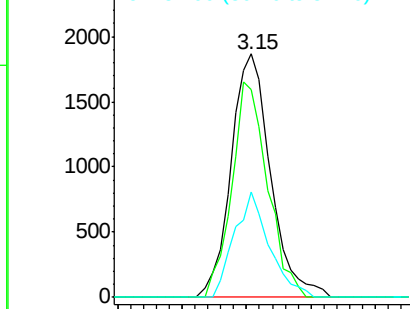
53 100

52 80.4 66.5 99.7

51 38.6 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: 6.42 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000076.D

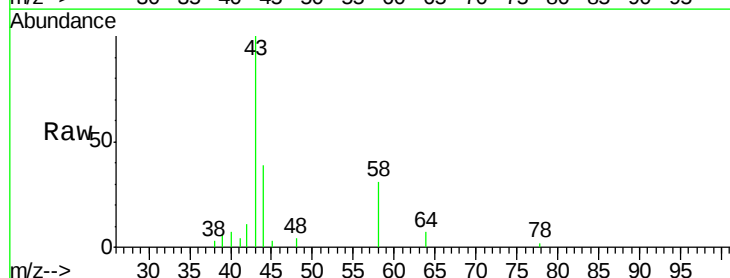
Acq: 13 Feb 2018 15:23

Tgt Ion: 43 Resp: 4377

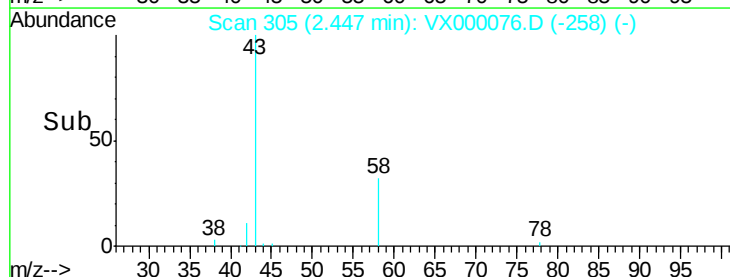
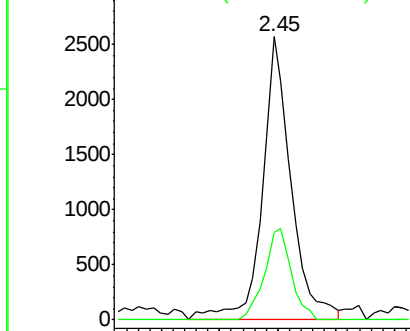
Ion Ratio Lower Upper

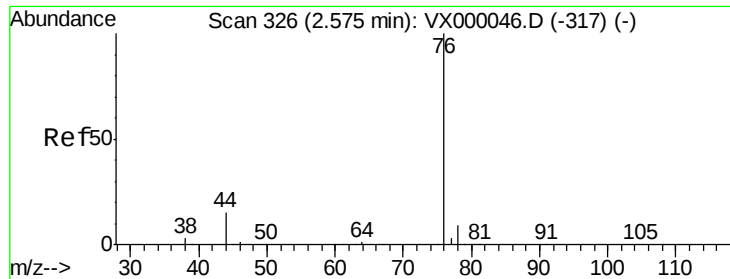
43 100

58 30.9 25.9 38.9



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





#17

Carbon Disulfide

Concen: 0.92 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

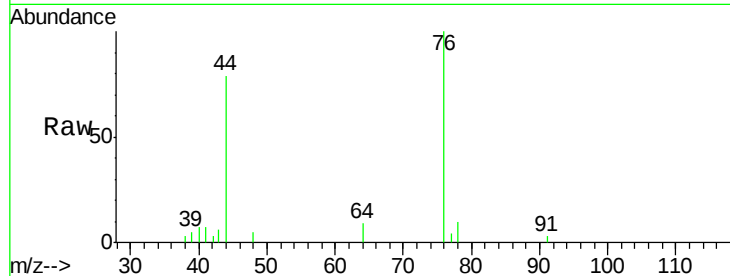
MDL04 0.75

Tgt Ion: 76 Resp: 2860

Ion Ratio Lower Upper

76 100

78 10.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.58

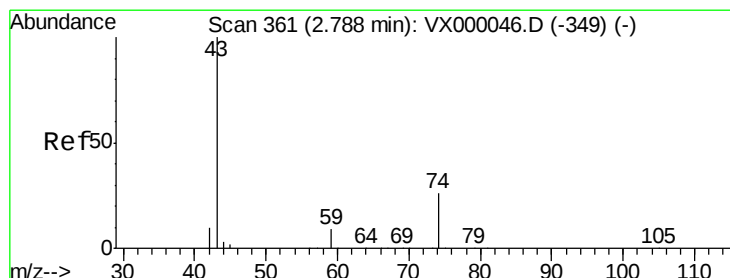
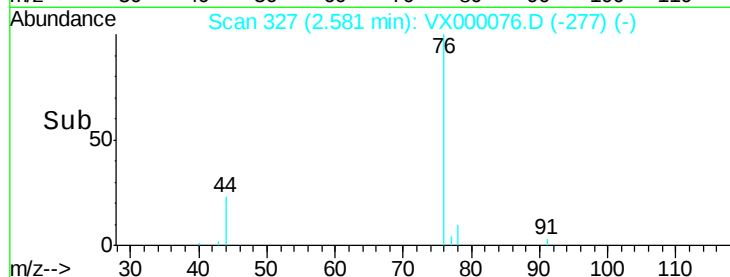
1500

1000

500

0

Time--> 2.50 2.55 2.60



#18

Methyl Acetate

Concen: 1.27 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000076.D

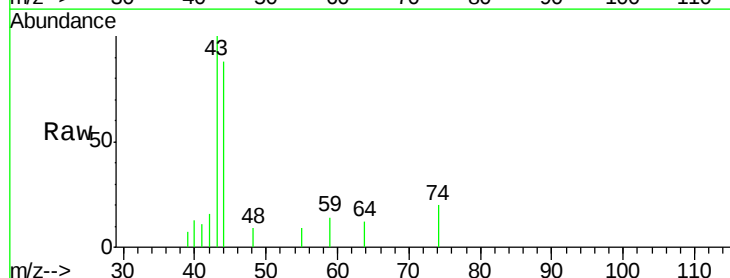
Acq: 13 Feb 2018 15:23

Tgt Ion: 43 Resp: 2188

Ion Ratio Lower Upper

43 100

74 21.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

1200

1000

800

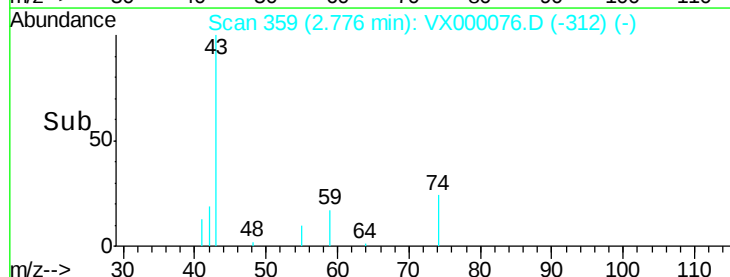
600

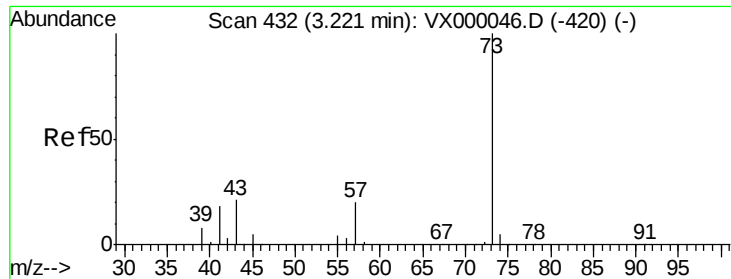
400

200

0

Time--> 2.70 2.75 2.80 2.85

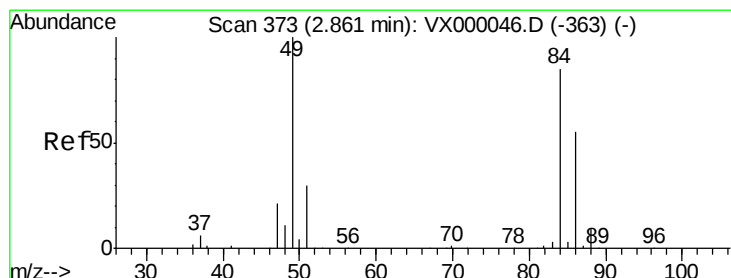
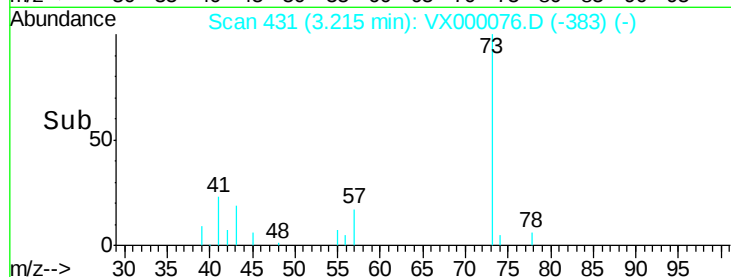
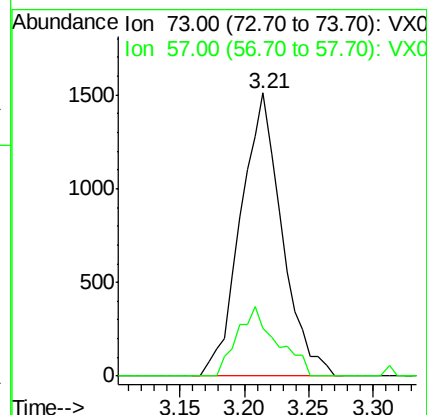
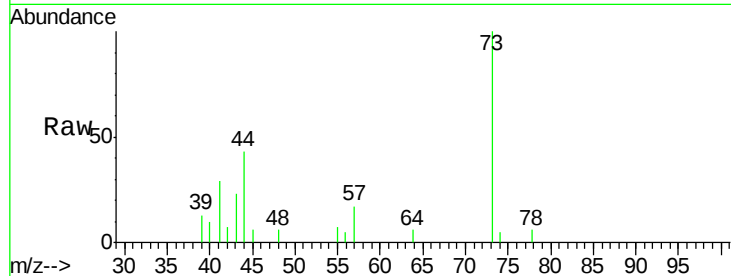




#19
Methyl tert-butyl Ether
Concen: 0.92 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

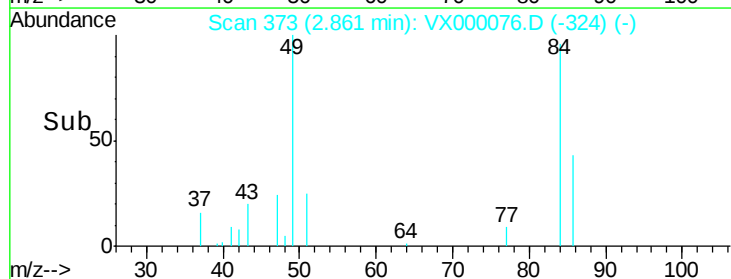
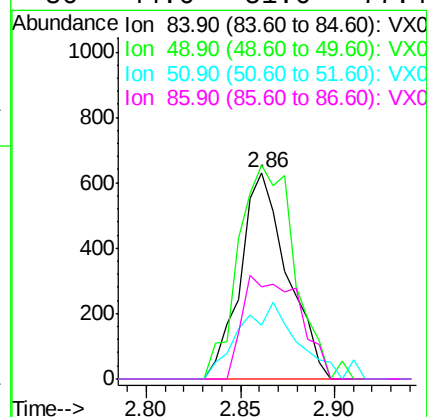
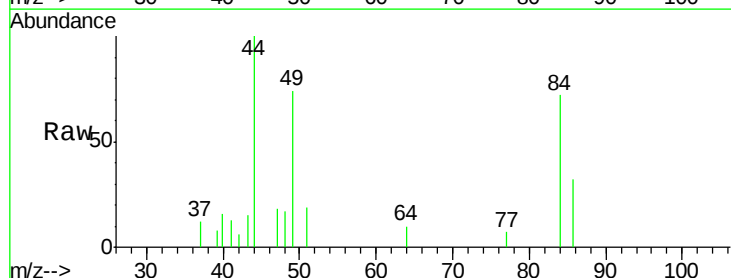
Instrument :
ClientSampled :
MDL04 0.75

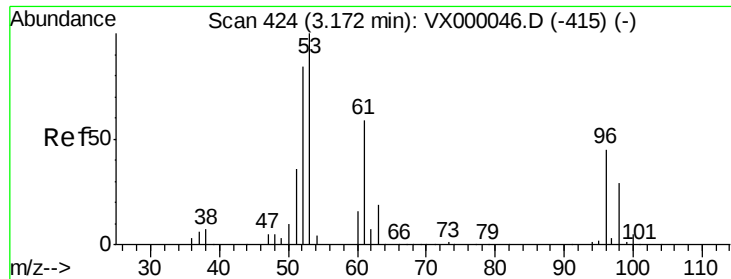
Tgt Ion: 73 Resp: 3355
Ion Ratio Lower Upper
73 100
57 16.8 16.2 24.4



#20
Methylene Chloride
Concen: 0.95 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 84 Resp: 1090
Ion Ratio Lower Upper
84 100
49 103.7 94.4 141.6
51 26.2 28.3 42.5#
86 44.6 51.6 77.4#





#21

trans-1,2-Dichloroethene

Concen: 0.98 ug/l

RT: 3.18 min Scan# 425

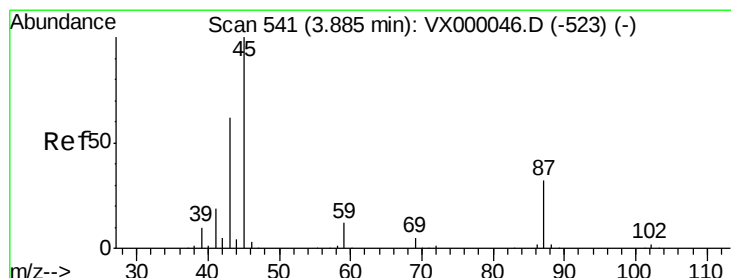
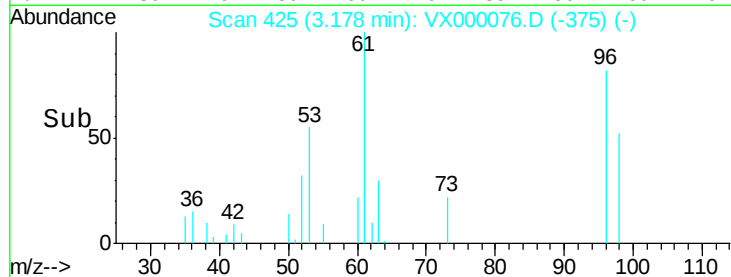
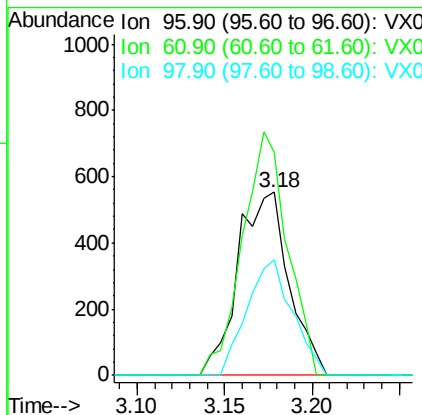
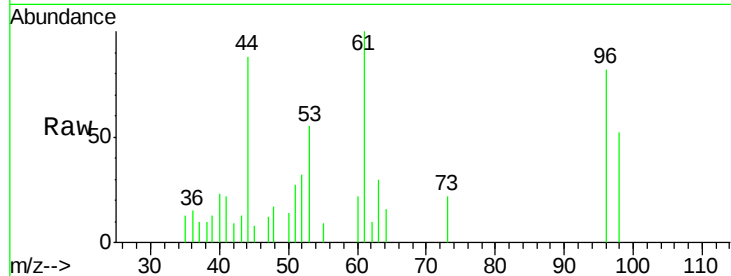
Delta R.T. 0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion:	96	Resp:	1128
Ion	Ratio	Lower	Upper
96	100		
61	121.5	104.9	157.3
98	62.9	52.4	78.6



#22

Diisopropyl ether

Concen: 1.11 ug/l

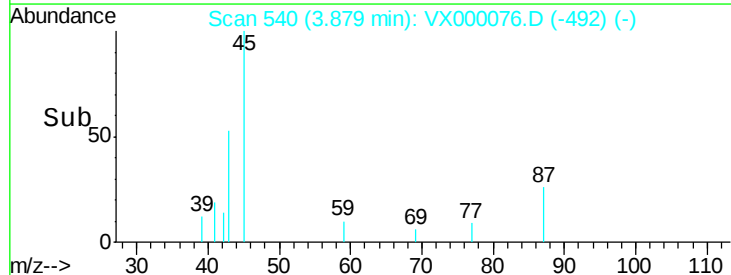
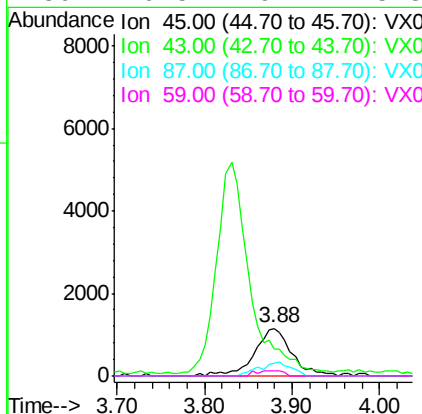
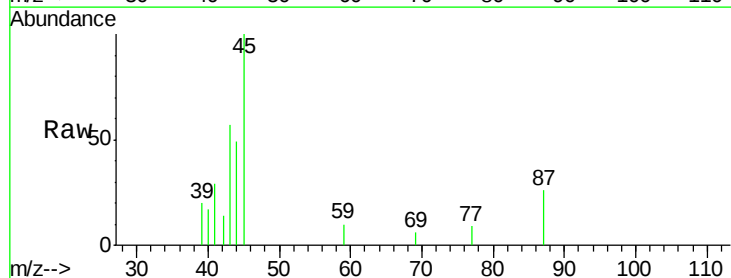
RT: 3.88 min Scan# 540

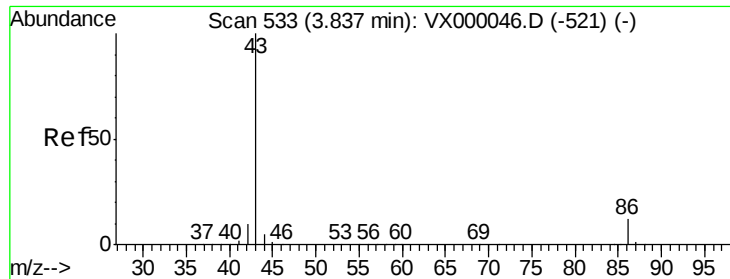
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	45	Resp:	3407
Ion	Ratio	Lower	Upper
45	100		
43	49.5	49.6	74.4#
87	25.9	25.9	38.9#
59	10.5	9.2	13.8





#23

Vinyl Acetate

Concen: 4.85 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

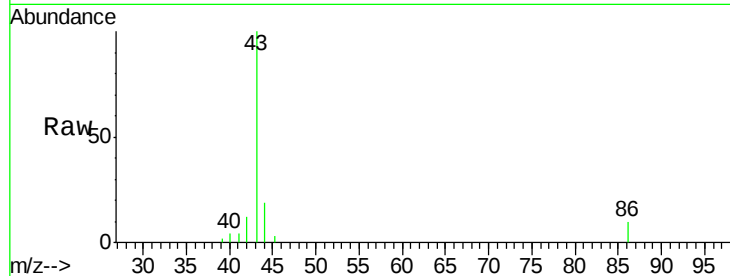
MDL04 0.75

Tgt Ion: 43 Resp: 13497

Ion Ratio Lower Upper

43 100

86 10.1 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

6000

5000

4000

3000

2000

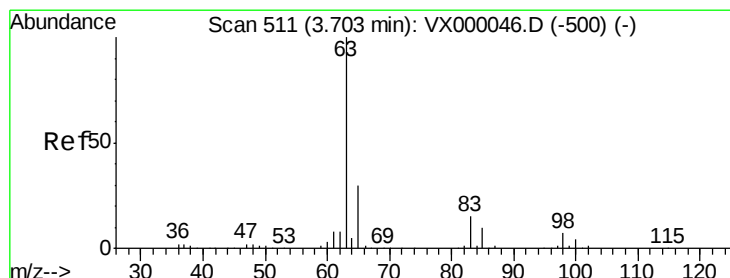
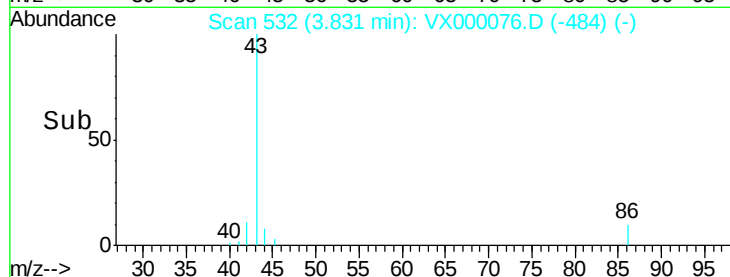
1000

0

Time-->

3.70 3.80 3.90 4.00

3.83



#24

1,1-Dichloroethane

Concen: 0.97 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

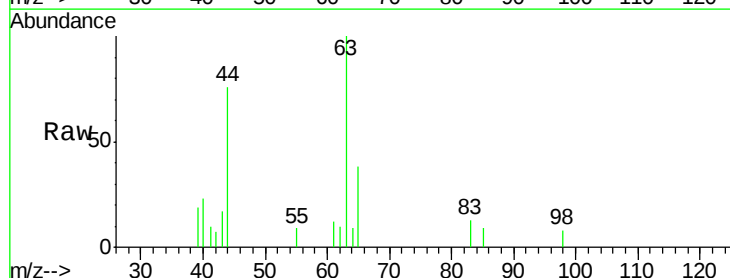
Tgt Ion: 63 Resp: 1863

Ion Ratio Lower Upper

63 100

98 7.6 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

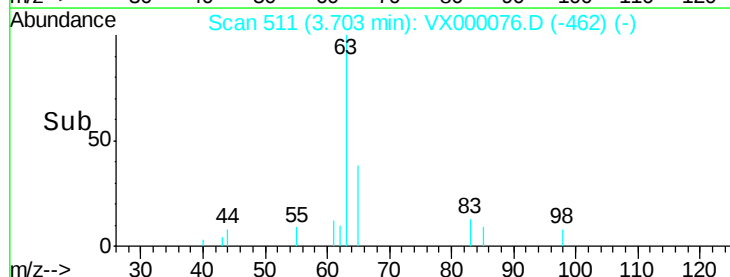
200

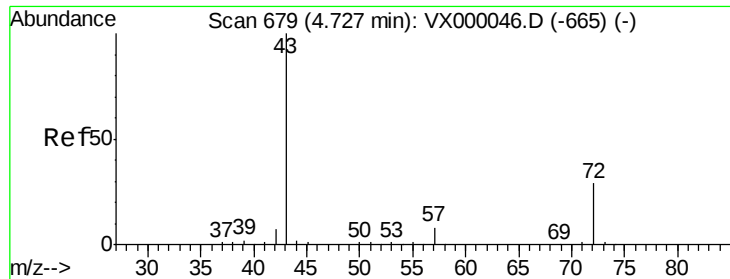
0

Time-->

3.65 3.70 3.75

3.70





#25

2-Butanone

Concen: 5.36 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

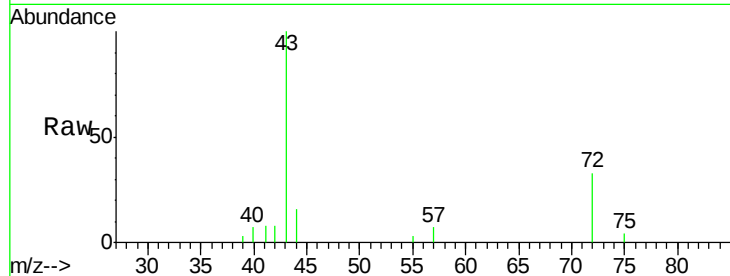
MDL04 0.75

Tgt Ion: 43 Resp: 5519

Ion Ratio Lower Upper

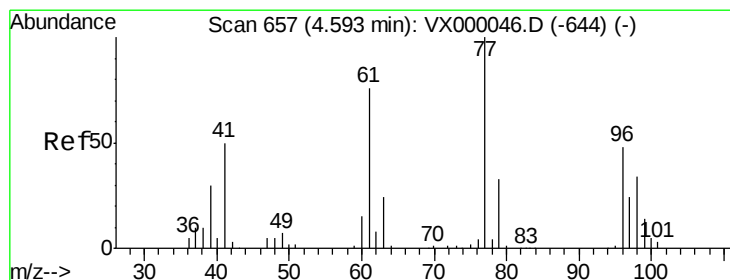
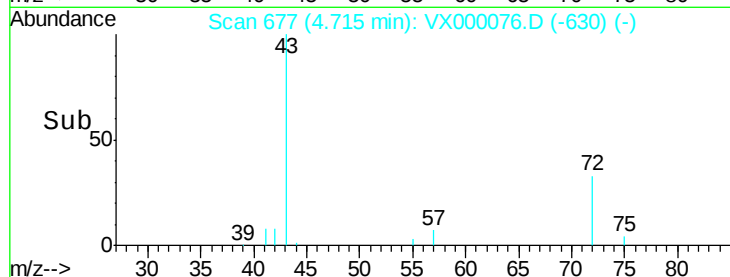
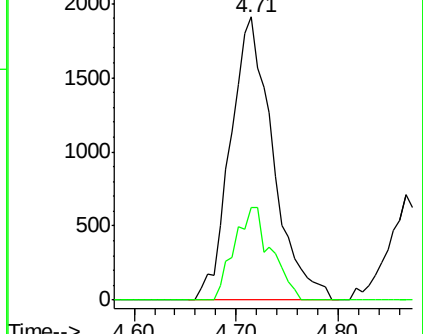
43 100

72 33.0 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.87 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000076.D

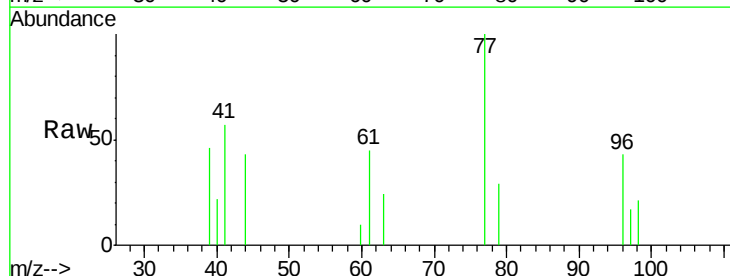
Acq: 13 Feb 2018 15:23

Tgt Ion: 77 Resp: 1432

Ion Ratio Lower Upper

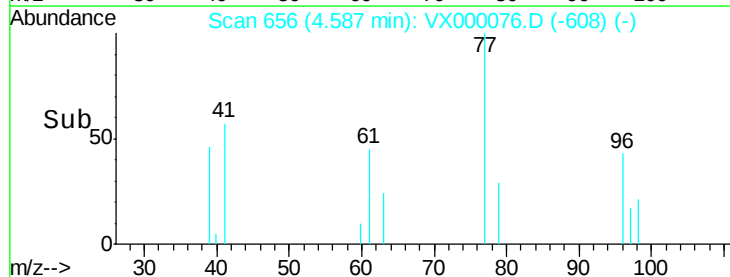
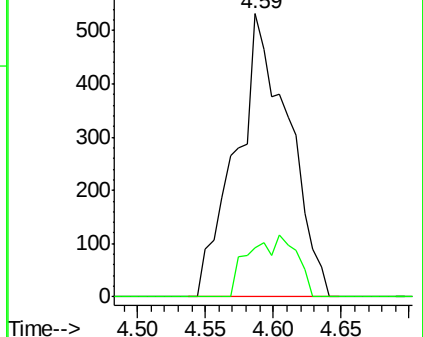
77 100

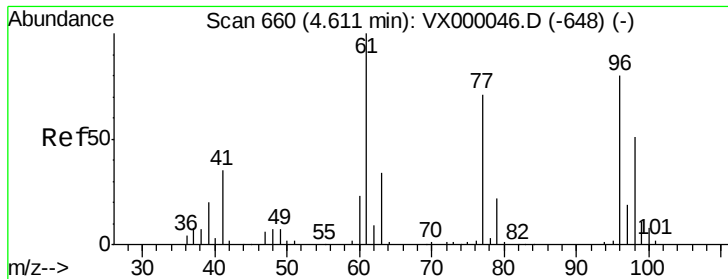
97 10.9 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



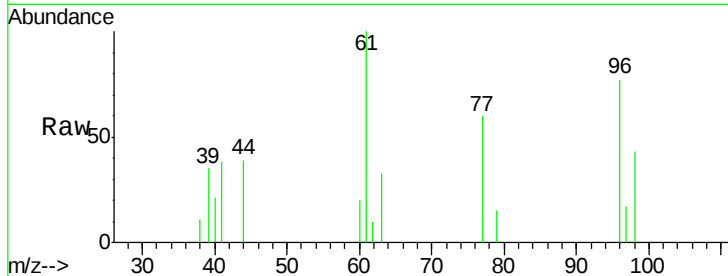


#27

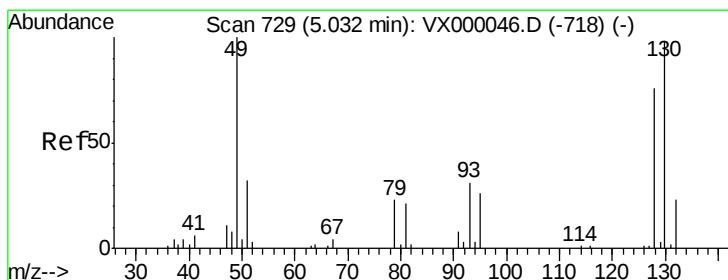
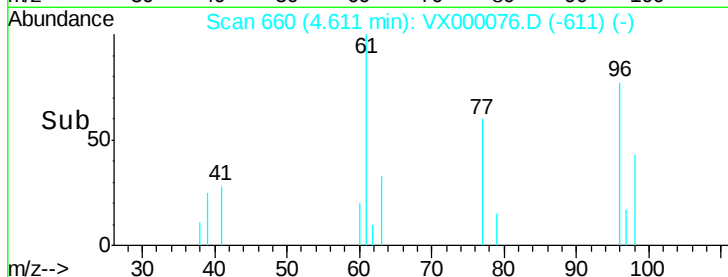
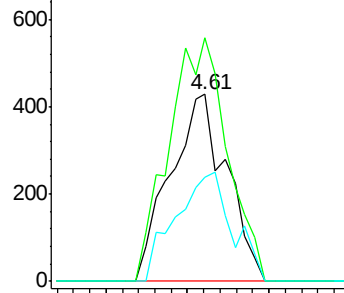
cis-1,2-Dichloroethene
Concen: 0.92 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion: 96 Resp: 1034
Ion Ratio Lower Upper
96 100
61 134.8 0.0 274.4
98 58.5 0.0 132.4



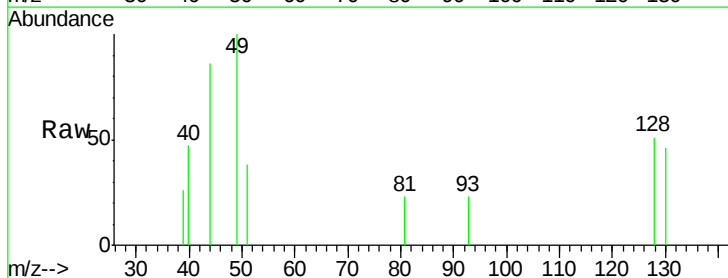
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



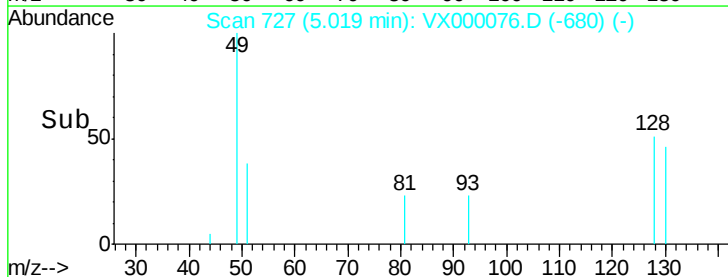
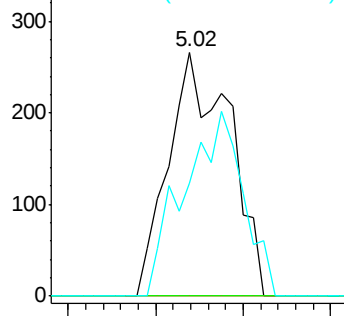
#28

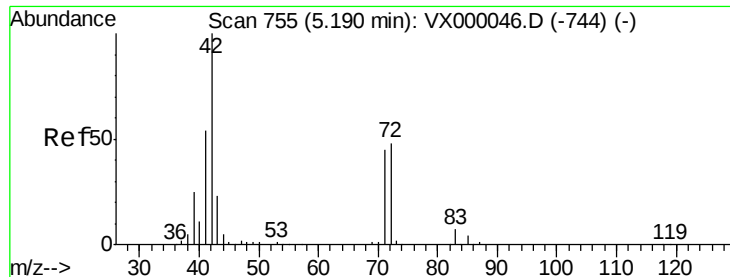
Bromochloromethane
Concen: 1.02 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 49 Resp: 649
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 73.0 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

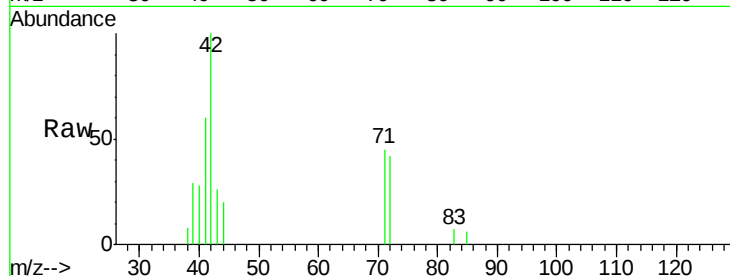




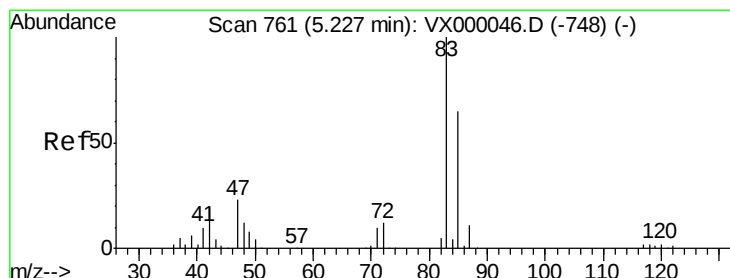
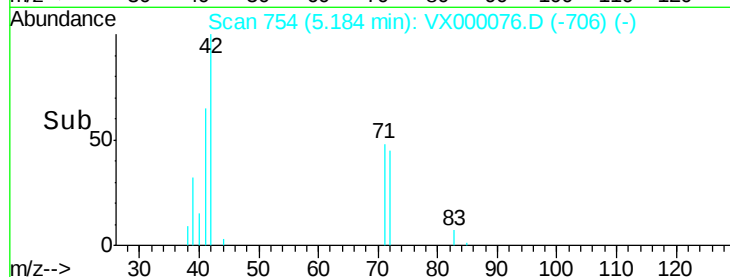
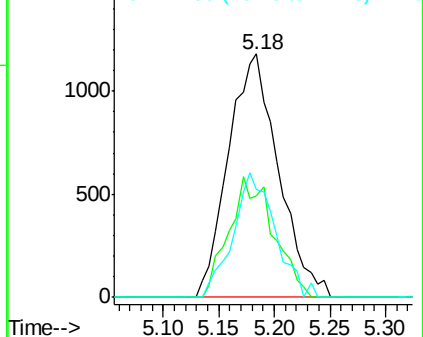
#29
Tetrahydrofuran
Concen: 5.23 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion: 42 Resp: 3689
Ion Ratio Lower Upper
42 100
72 44.0 39.0 58.6
71 43.0 36.7 55.1

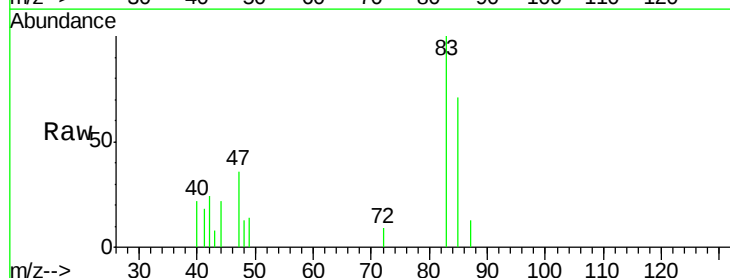


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

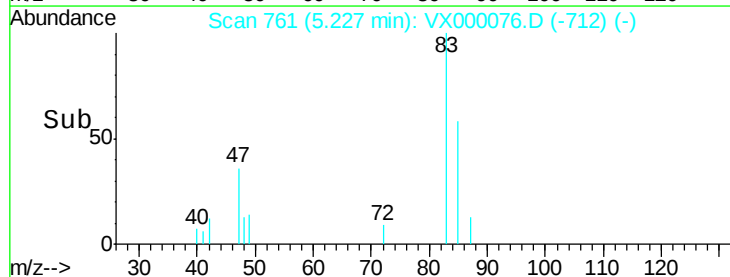
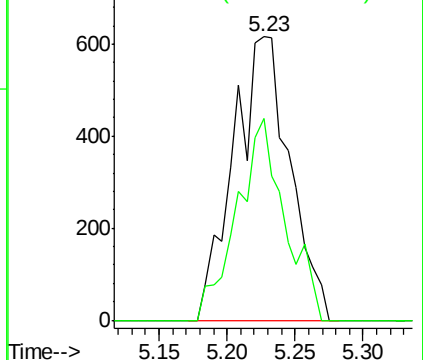


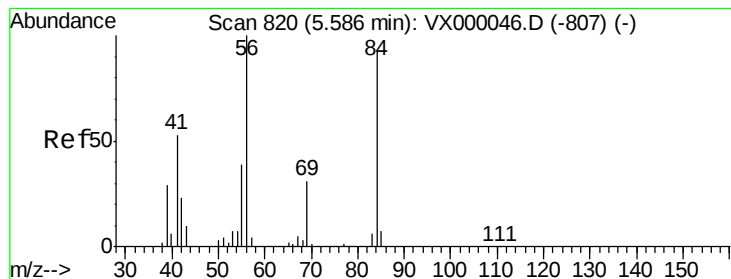
#30
Chloroform
Concen: 0.92 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 83 Resp: 1779
Ion Ratio Lower Upper
83 100
85 71.3 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.98 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

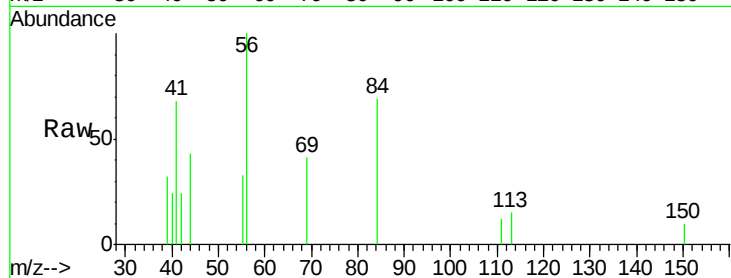
Tgt Ion: 56 Resp: 1536

Ion Ratio Lower Upper

56 100

69 40.6 24.5 36.7#

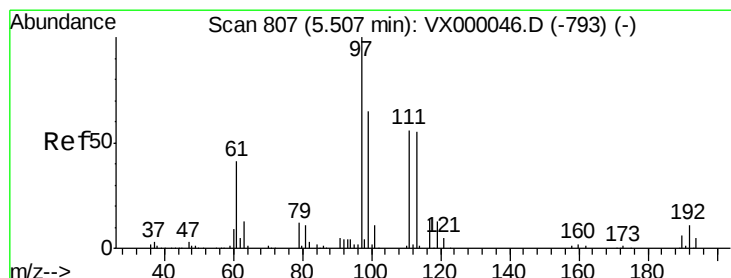
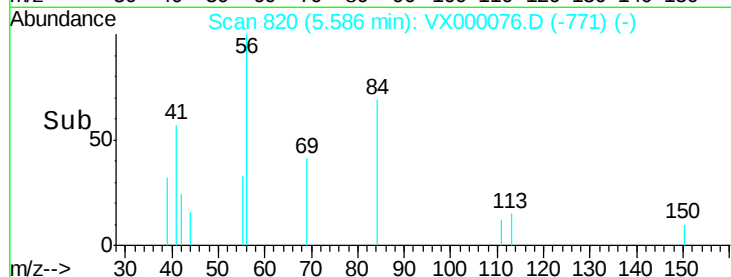
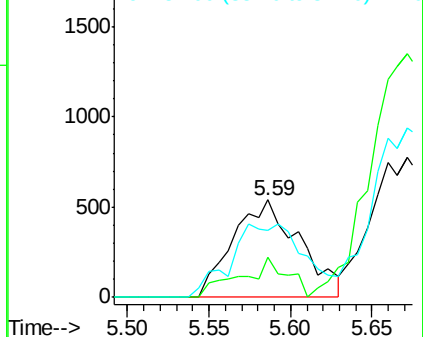
84 68.6 74.8 112.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 0.81 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

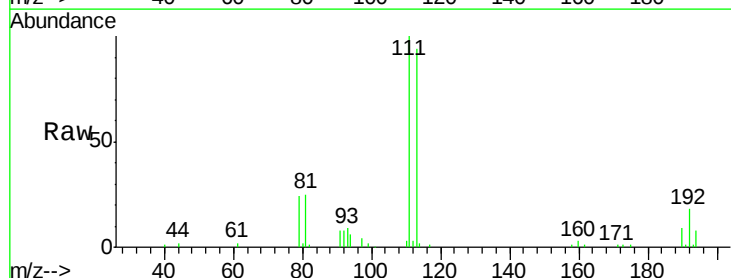
Tgt Ion: 97 Resp: 1463

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

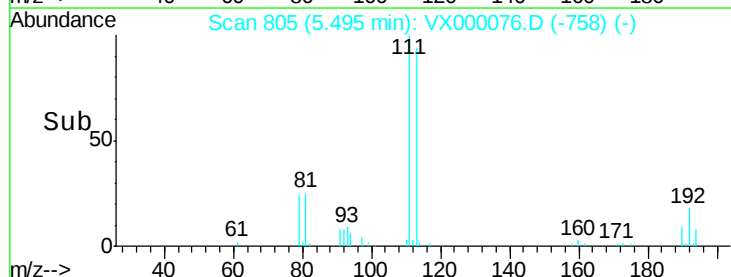
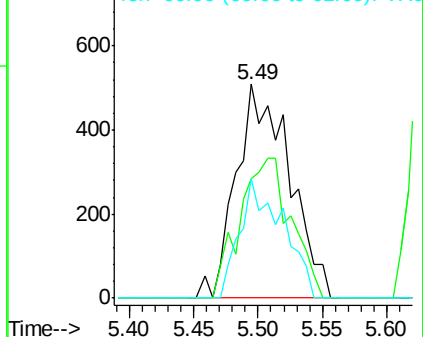
61 45.2 32.1 48.1

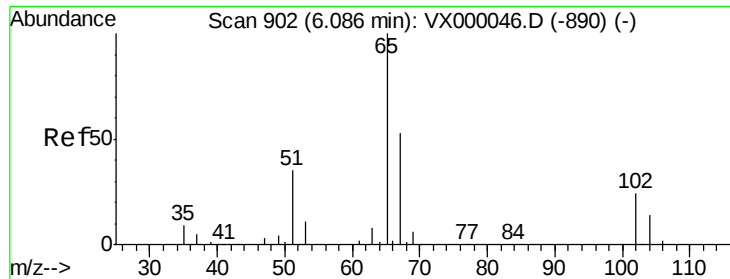


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

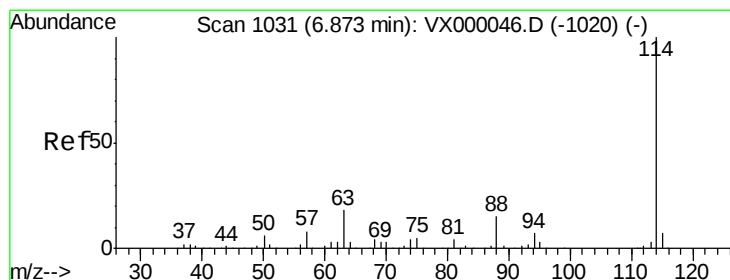
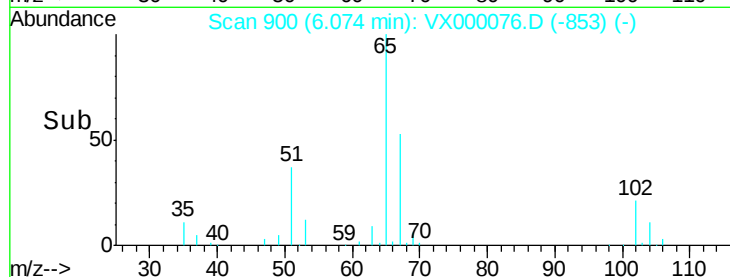
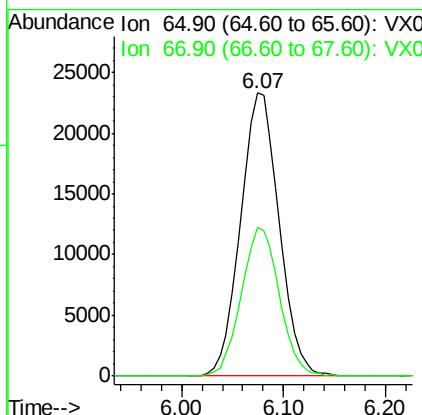
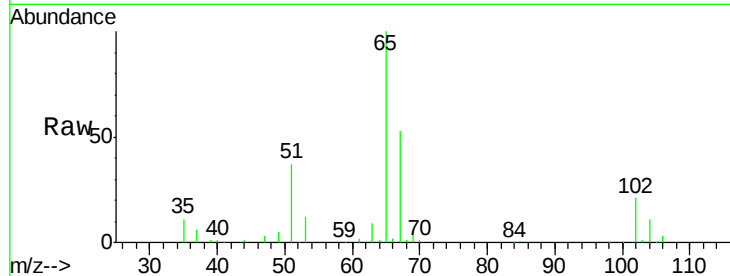




#33
 1,2-Dichloroethane-d4
 Concen: 53.09 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

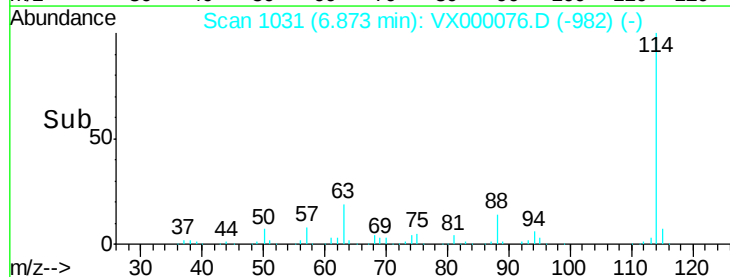
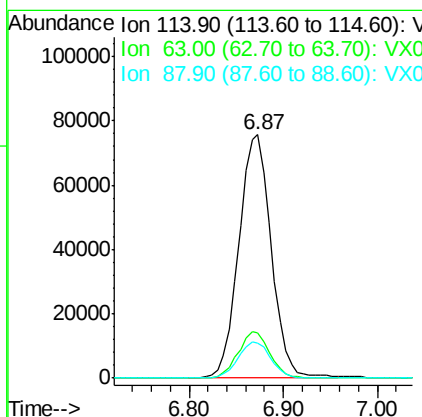
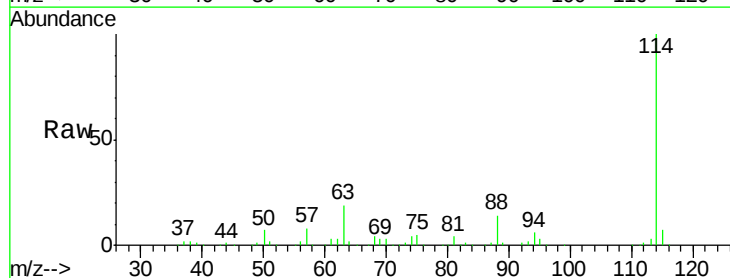
Instrument :
 ClientSampled :
 MDL04 0.75

Tgt Ion: 65 Resp: 61152
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion: 114 Resp: 181817
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.0
 88 14.2 0.0 30.4

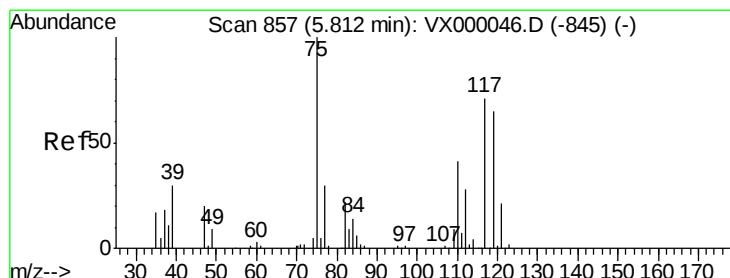
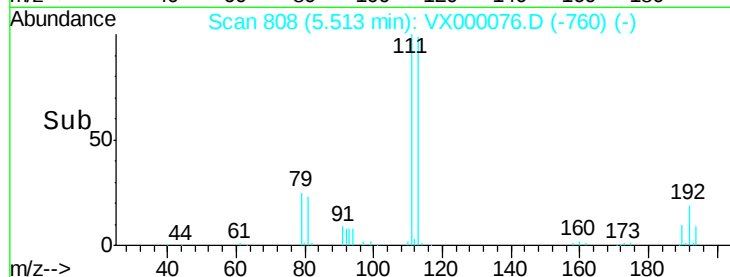
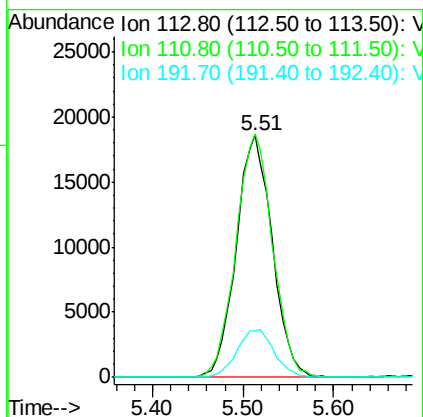
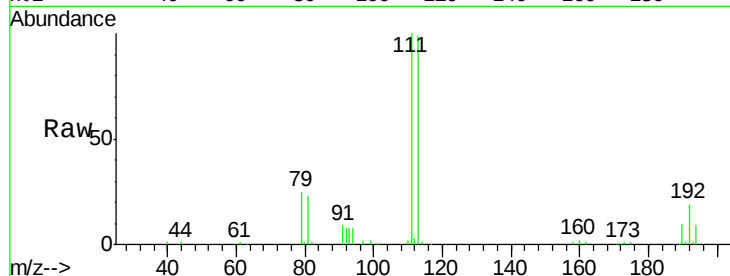




#35
 Dibromofluoromethane
 Concen: 48.17 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

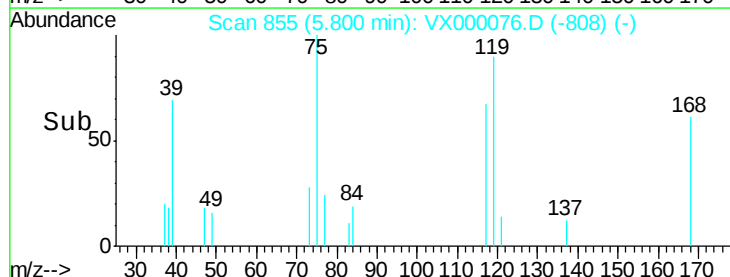
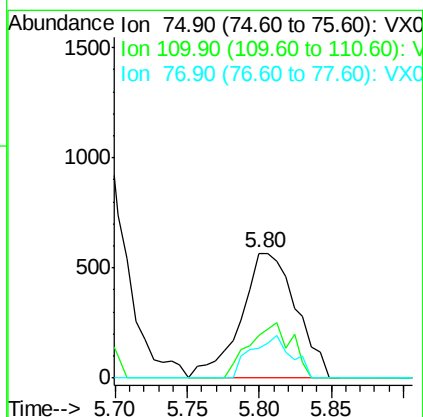
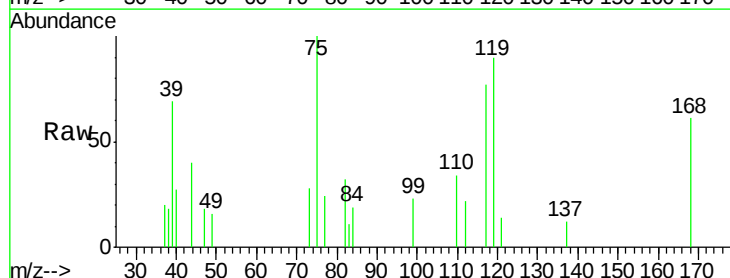
Instrument :
 ClientSampled :
 MDL04 0.75

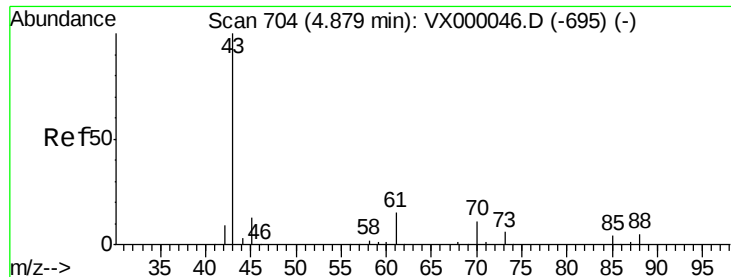
Tgt Ion:113 Resp: 51132
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.5 120.7
 192 20.2 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 0.95 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion: 75 Resp: 1510
 Ion Ratio Lower Upper
 75 100
 110 34.4 19.4 58.4
 77 24.7 24.2 36.4





#37

Ethyl Acetate

Concen: 1.05 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

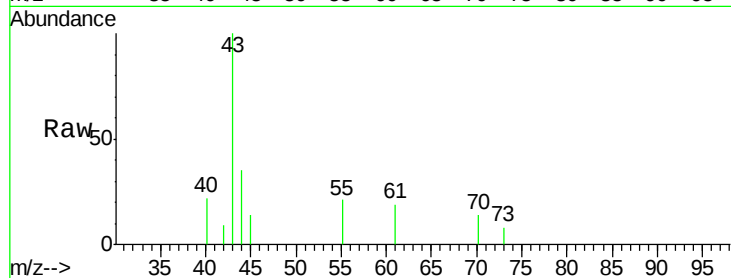
Tgt Ion: 43 Resp: 2149

Ion Ratio Lower Upper

43 100

61 10.8 11.4 17.2#

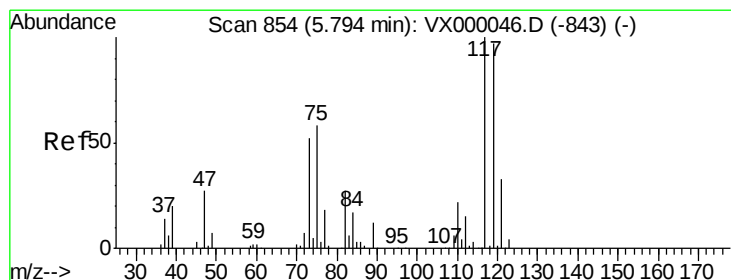
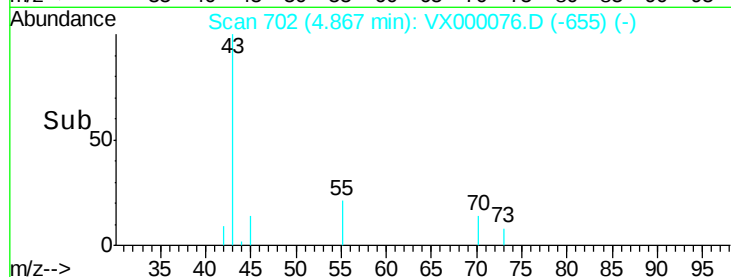
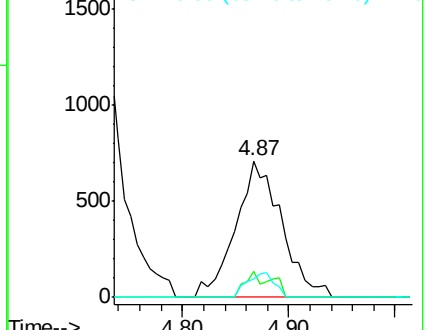
70 10.5 9.0 13.6



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: 0.80 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

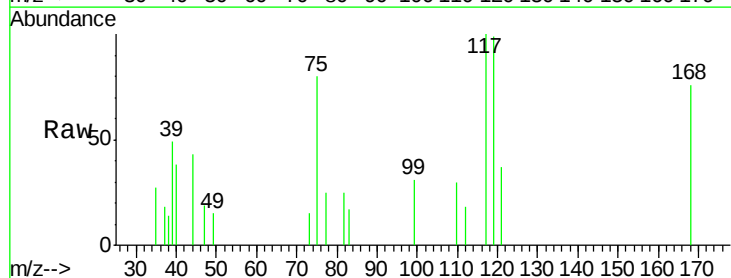
Tgt Ion: 117 Resp: 1430

Ion Ratio Lower Upper

117 100

119 98.8 76.9 115.3

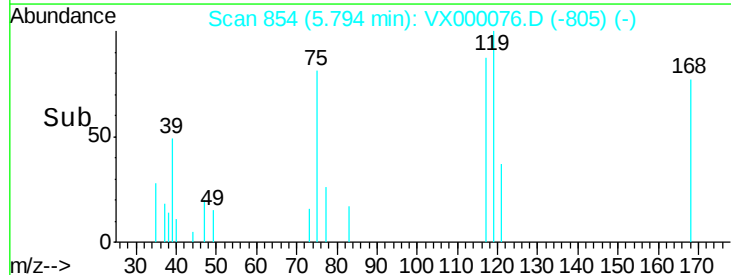
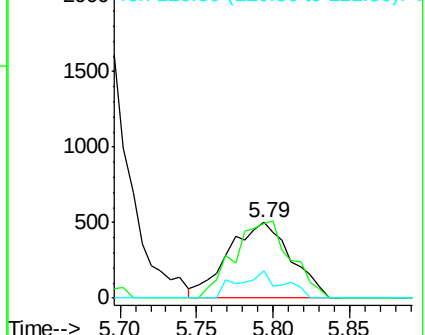
121 36.5 25.8 38.8

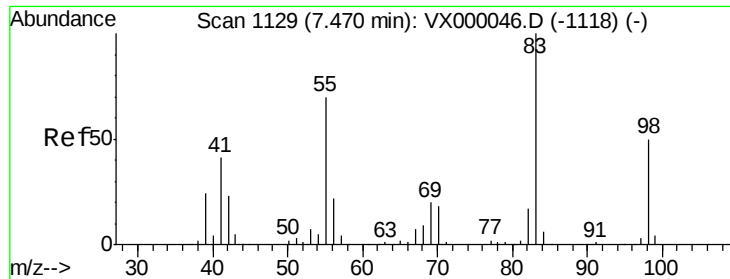


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

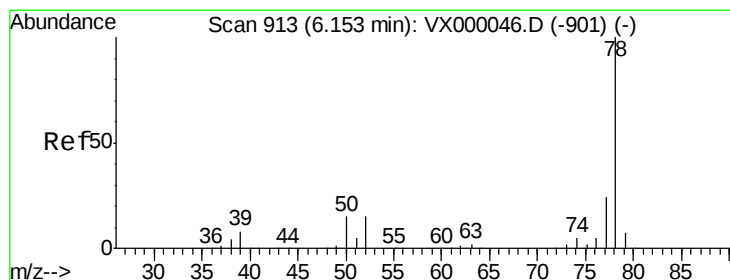
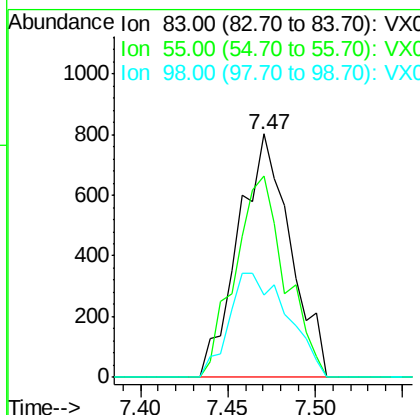
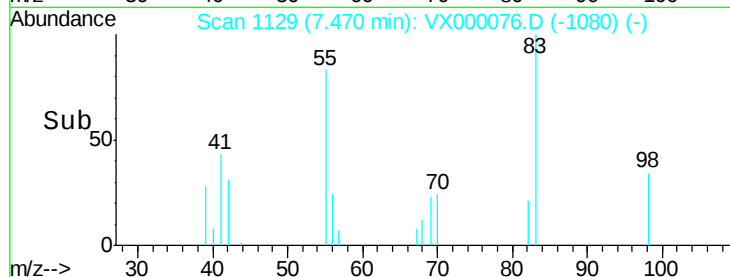
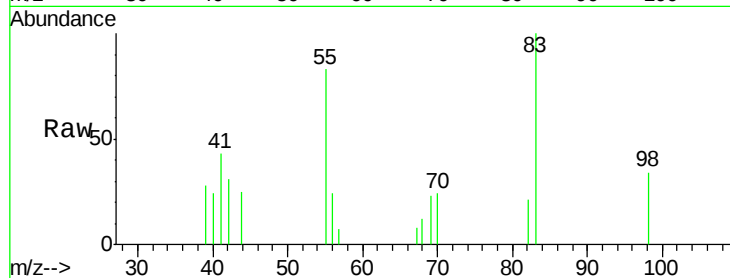




#39
Methylcyclohexane
Concen: 0.87 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

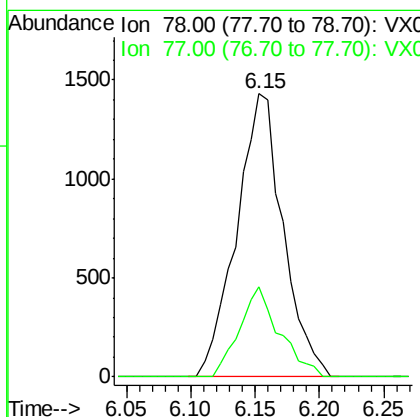
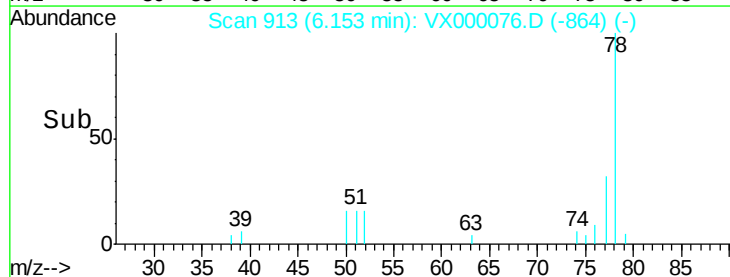
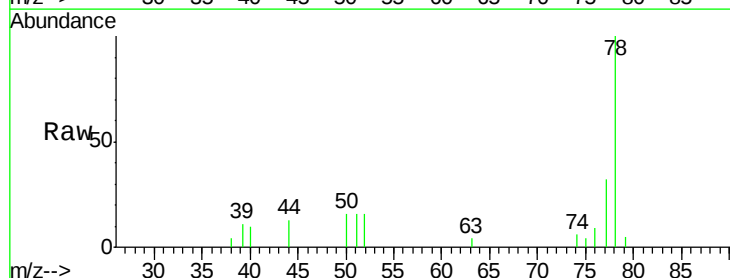
Instrument :
ClientSampled :
MDL04 0.75

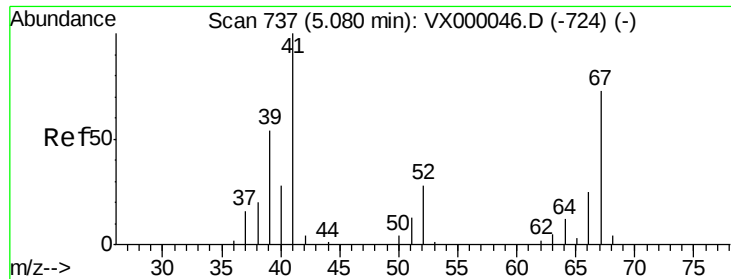
Tgt Ion: 83 Resp: 1664
Ion Ratio Lower Upper
83 100
55 82.7 55.7 83.5
98 33.9 39.7 59.5#



#40
Benzene
Concen: 0.80 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 78 Resp: 3577
Ion Ratio Lower Upper
78 100
77 31.7 19.4 29.2#





#41

Methacrylonitrile

Concen: 1.07 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000076.D

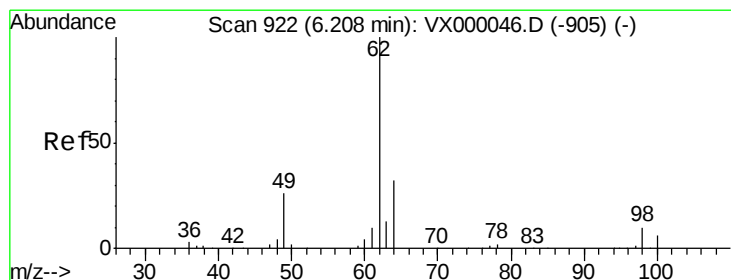
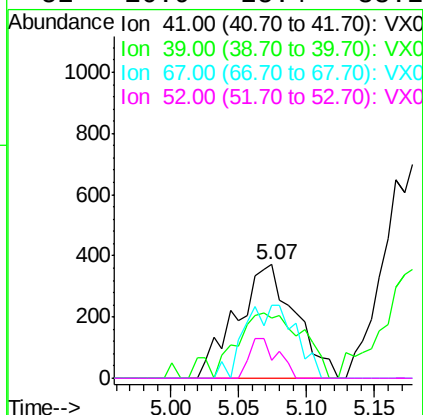
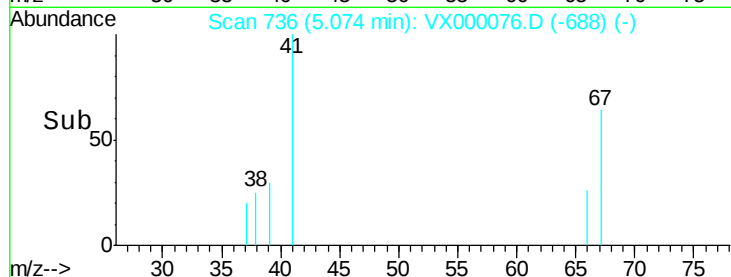
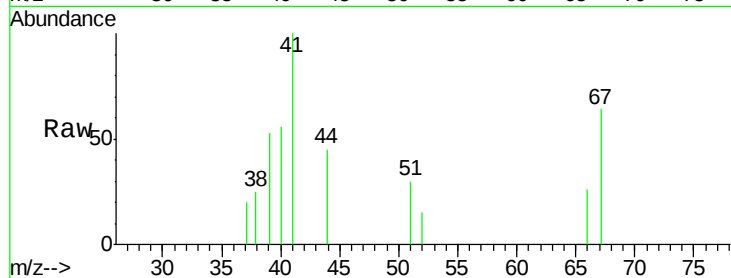
Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

Tgt Ion:	41	Resp:	1123
Ion	Ratio	Lower	Upper
41	100		
39	62.8	45.8	68.8
67	25.1	60.6	91.0#
52	16.9	25.4	38.2#



#42

1,2-Dichloroethane

Concen: 0.88 ug/l

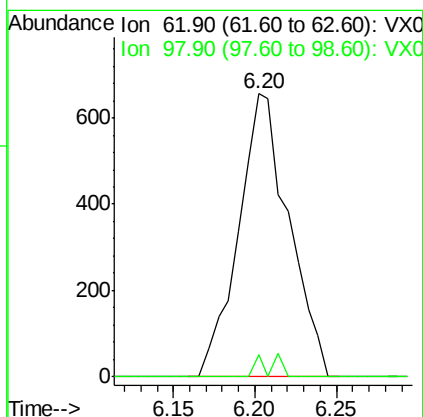
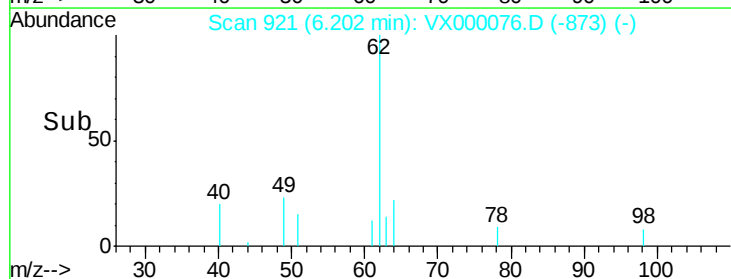
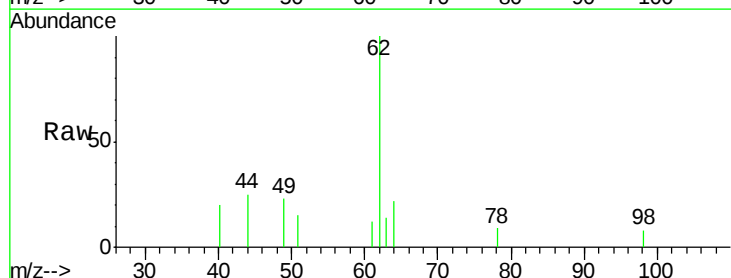
RT: 6.20 min Scan# 921

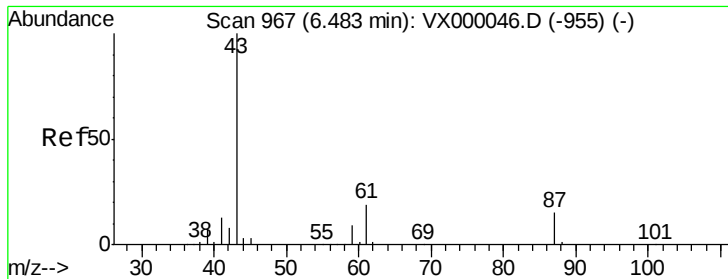
Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	62	Resp:	1407
Ion	Ratio	Lower	Upper
62	100		
98	2.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 0.89 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

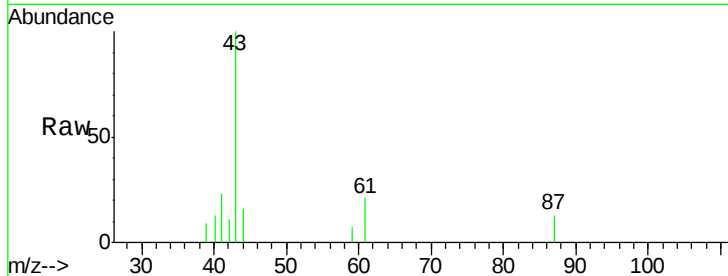
Tgt Ion: 43 Resp: 2757

Ion Ratio Lower Upper

43 100

61 18.0 15.9 23.9

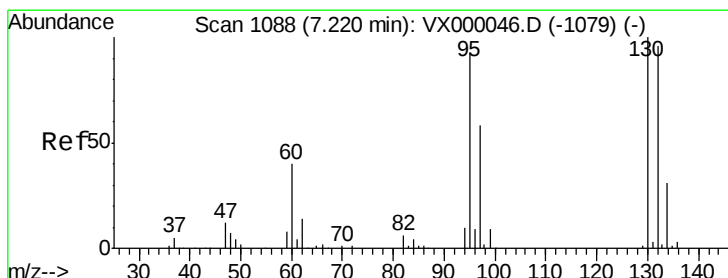
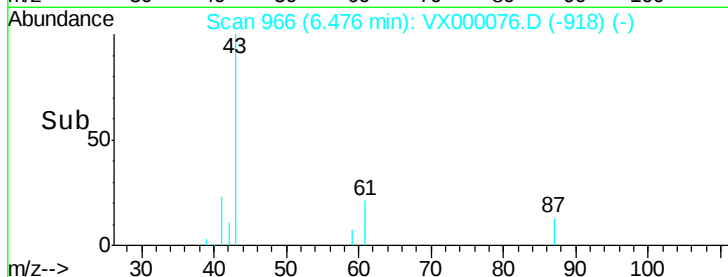
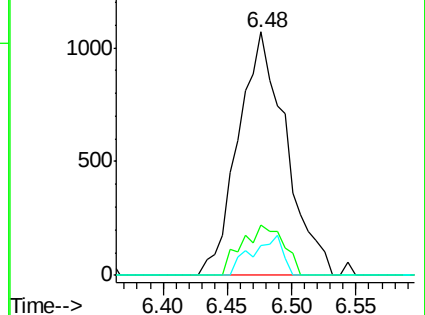
87 10.5 11.8 17.6#



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: 0.78 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000076.D

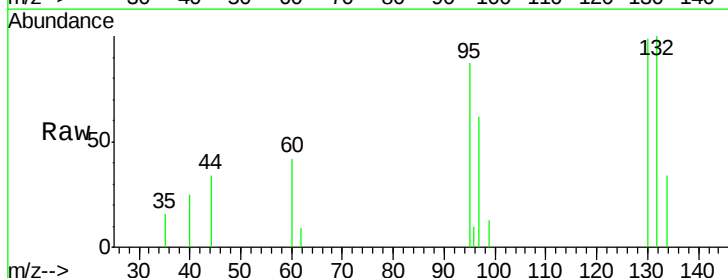
Acq: 13 Feb 2018 15:23

Tgt Ion:130 Resp: 1083

Ion Ratio Lower Upper

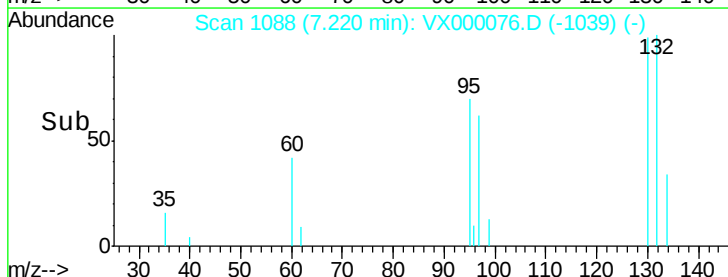
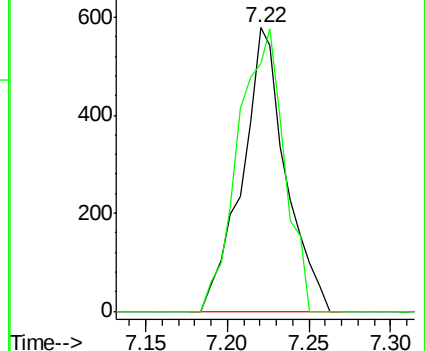
130 100

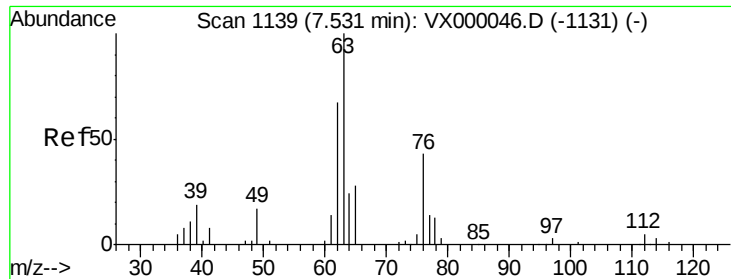
95 87.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

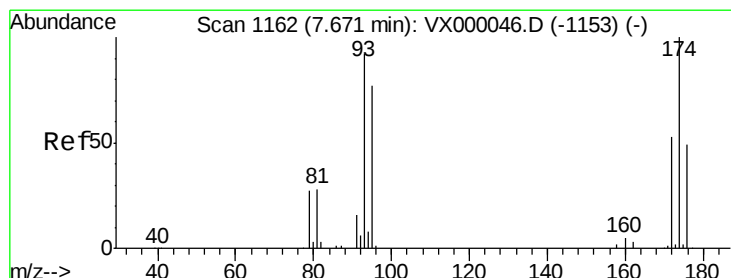
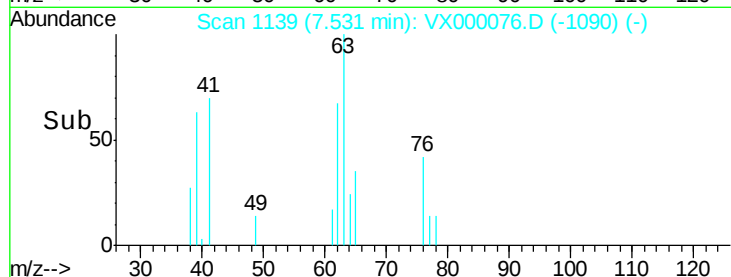
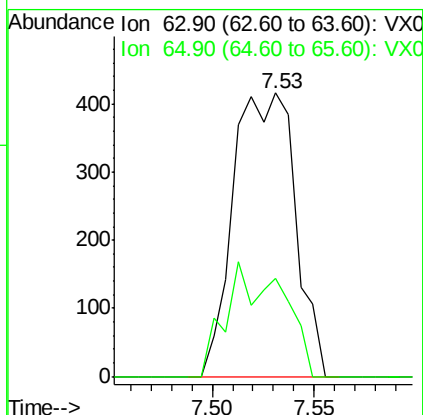
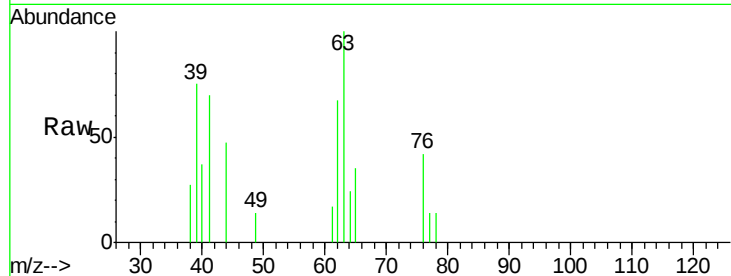




#45
1,2-Dichloropropane
Concen: 0.81 ug/l
RT: 7.53 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

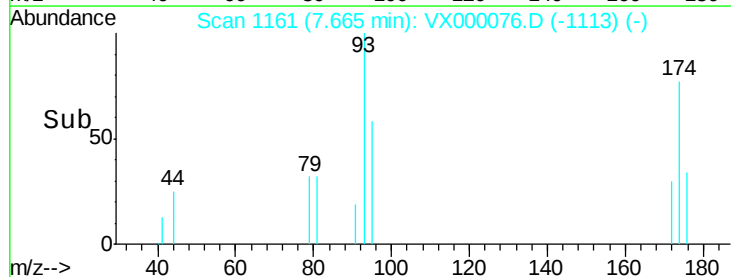
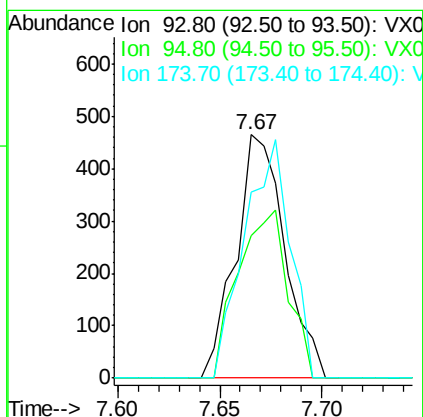
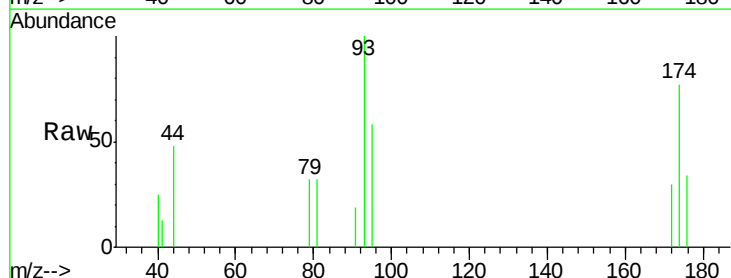
Instrument :
ClientSampled :
MDL04 0.75

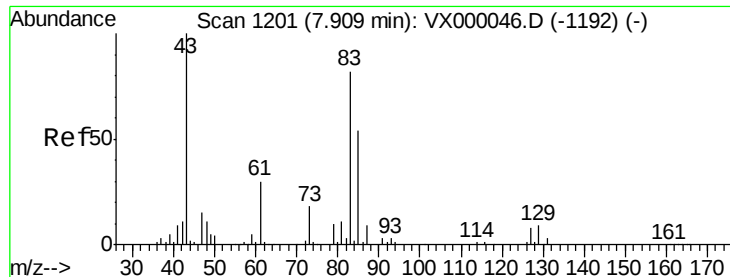
Tgt Ion: 63 Resp: 876
Ion Ratio Lower Upper
63 100
65 34.6 23.7 35.5



#46
Dibromomethane
Concen: 0.93 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 93 Resp: 778
Ion Ratio Lower Upper
93 100
95 70.2 66.3 99.5
174 91.0 90.4 135.6





#47

Bromodichloromethane

Concen: 0.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

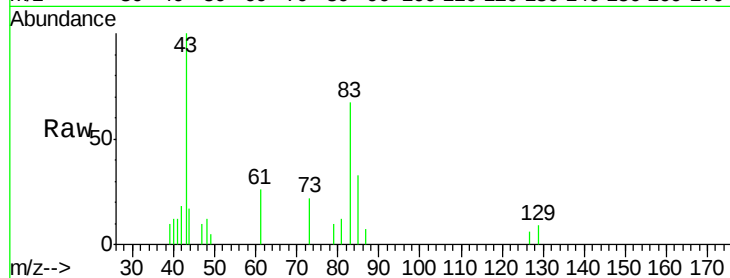
Tgt Ion: 83 Resp: 1303

Ion Ratio Lower Upper

83 100

85 49.4 52.3 78.5#

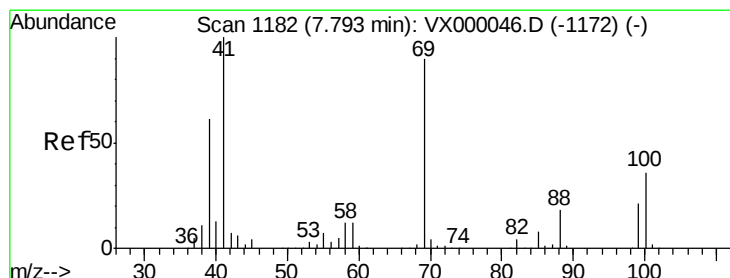
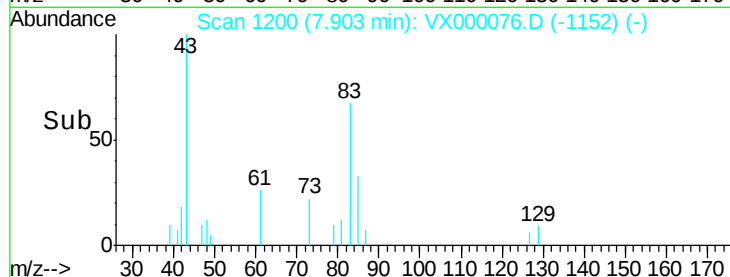
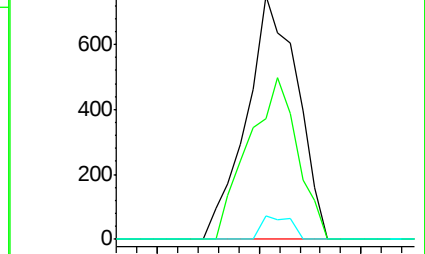
127 9.6 7.4 11.0



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: 0.95 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

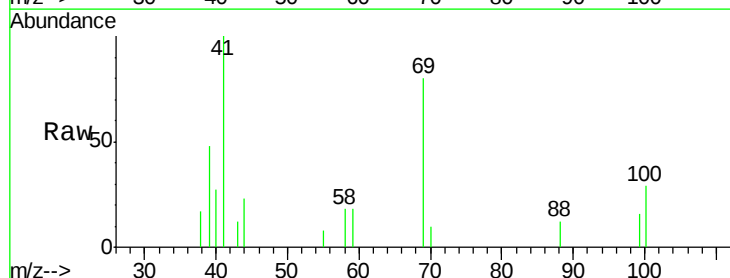
Tgt Ion: 41 Resp: 1438

Ion Ratio Lower Upper

41 100

69 69.8 72.1 108.1#

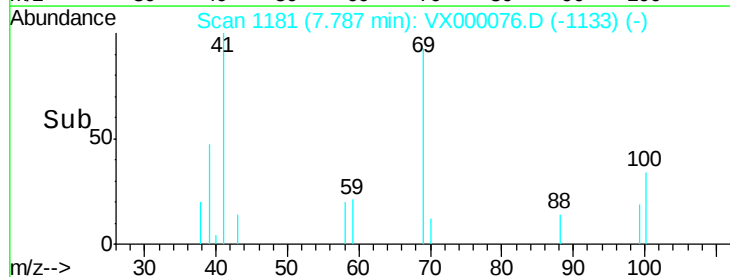
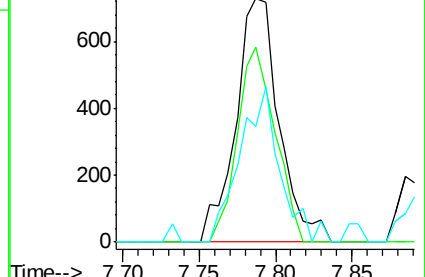
39 58.8 49.6 74.4

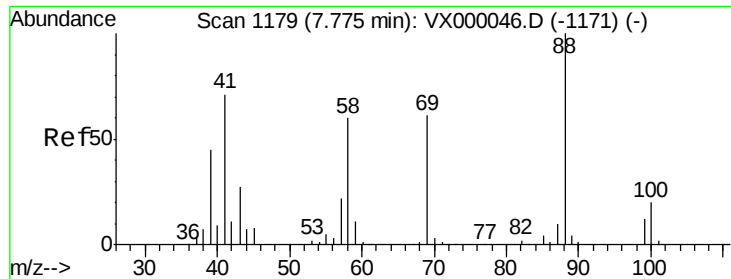


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

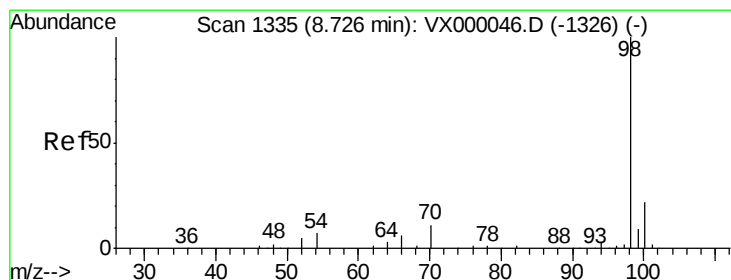
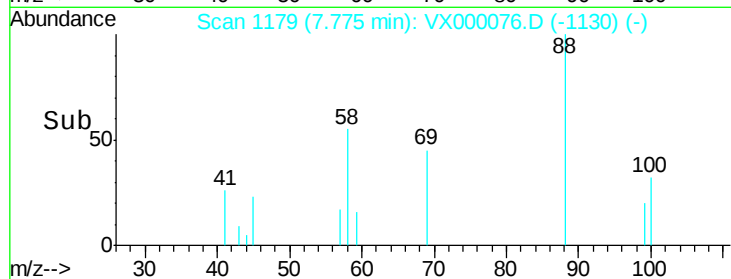
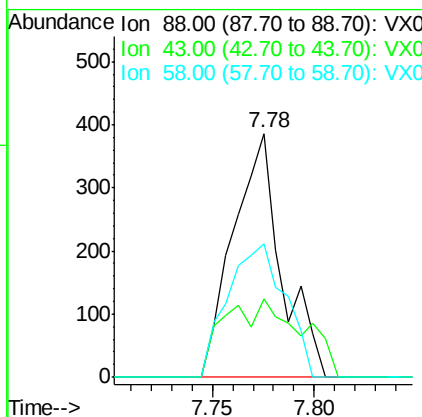
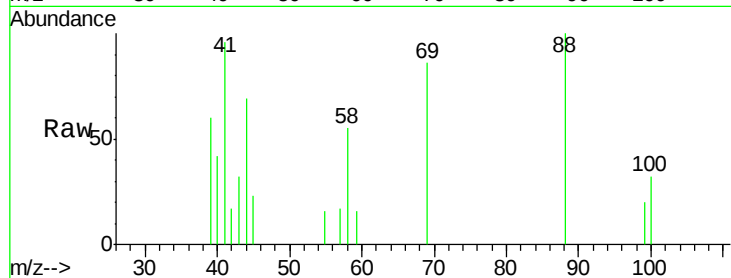




#49
 1,4-Dioxane
 Concen: 15.81 ug/l
 RT: 7.78 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

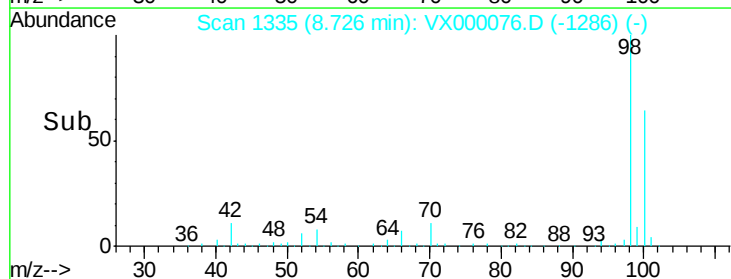
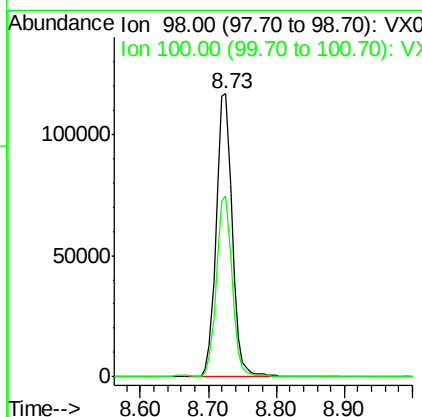
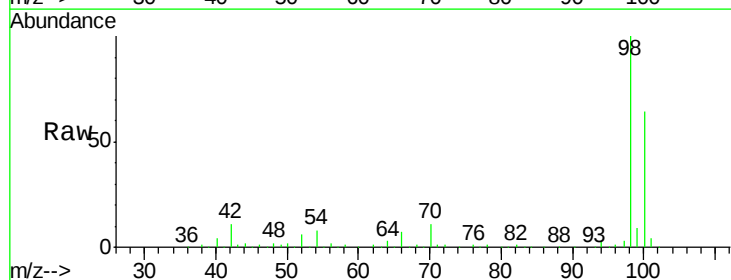
Instrument :
 ClientSampleId :
 MDL04 0.75

Tgt Ion: 88 Resp: 637
 Ion Ratio Lower Upper
 88 100
 43 21.4 22.6 33.8#
 58 64.8 49.4 74.2



#50
 Toluene-d8
 Concen: 48.35 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion: 98 Resp: 191025
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.8 77.6

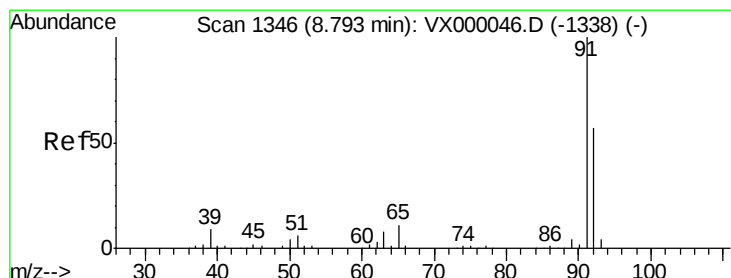
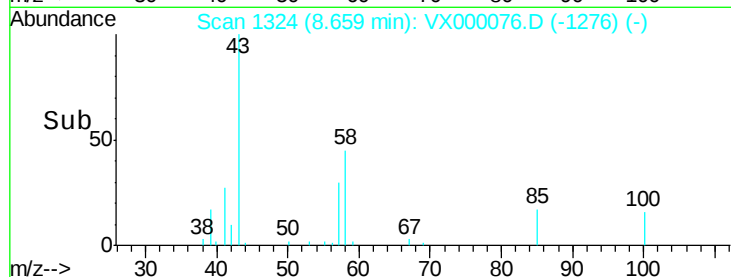
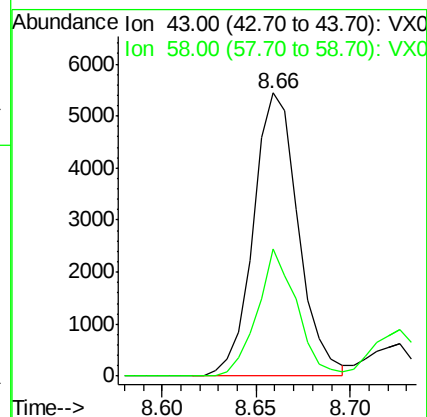
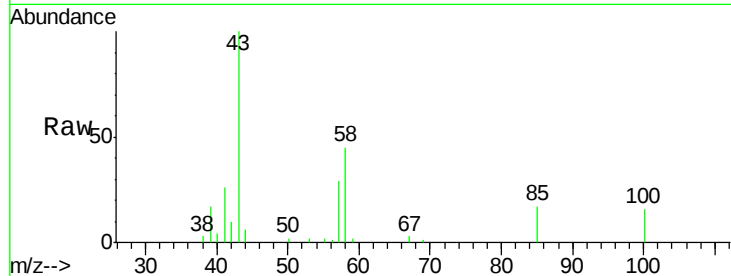




#51
4-Methyl-2-Pentanone
Concen: 4.18 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

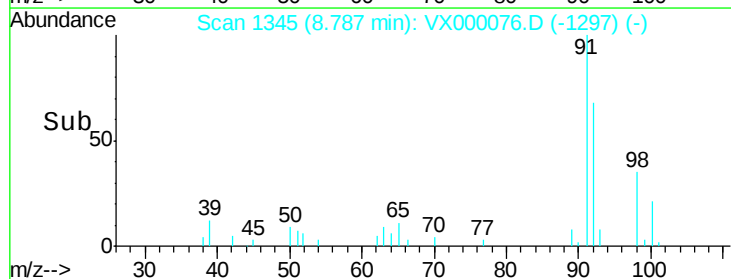
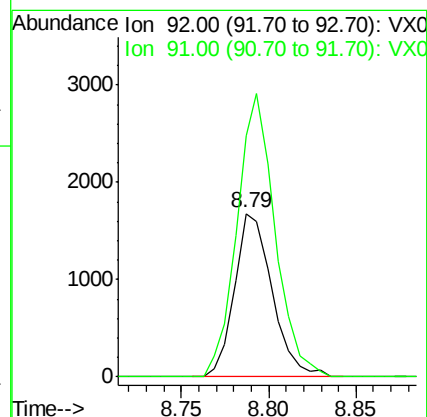
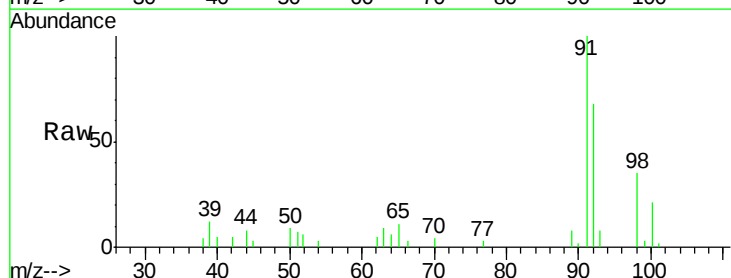
Instrument :
ClientSampled :
MDL04 0.75

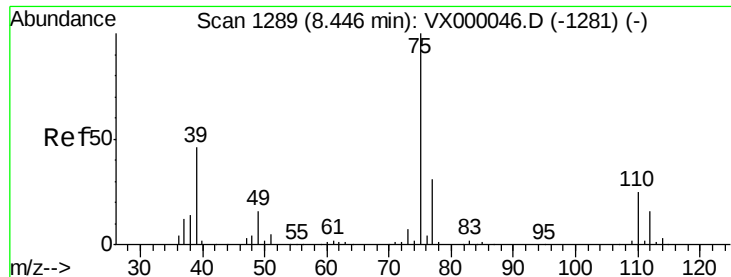
Tgt Ion: 43 Resp: 8988
Ion Ratio Lower Upper
43 100
58 39.6 32.1 48.1



#52
Toluene
Concen: 0.84 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 92 Resp: 2514
Ion Ratio Lower Upper
92 100
91 174.7 139.8 209.6

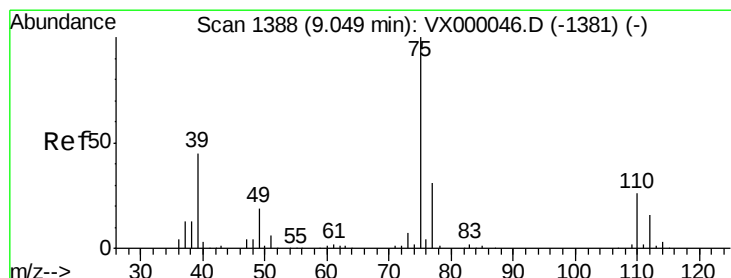
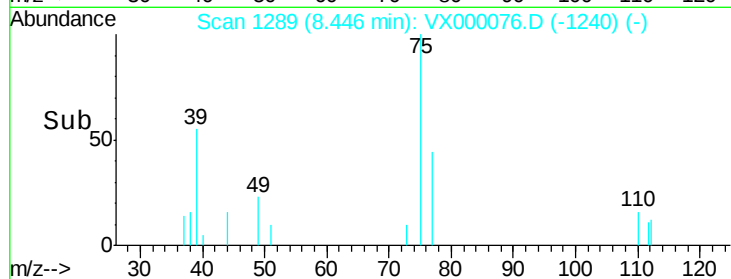
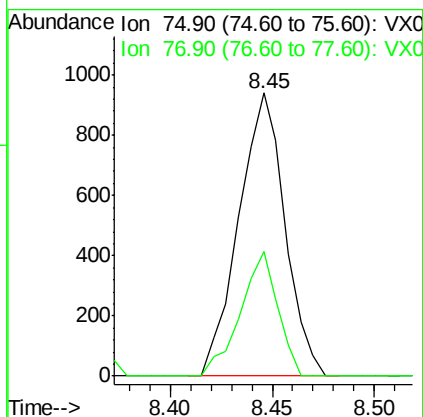
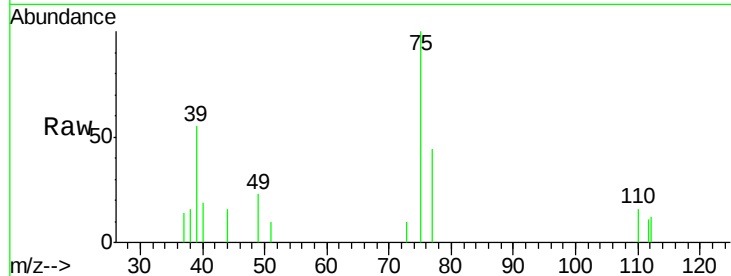




#53
 t-1,3-Dichloropropene
 Concen: 0.77 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

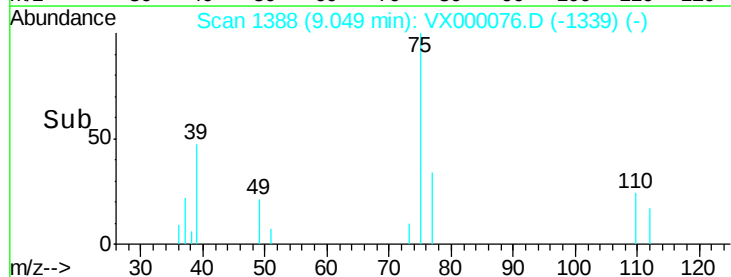
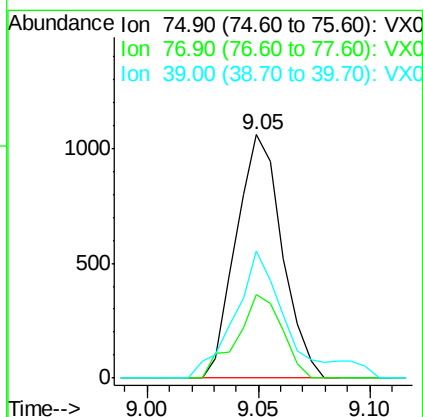
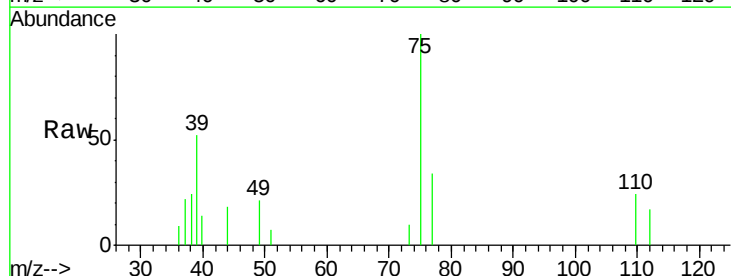
Instrument :
 ClientSampled :
 MDL04 0.75

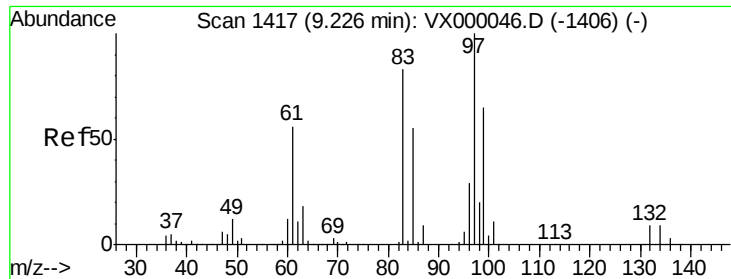
Tgt Ion: 75 Resp: 1477
 Ion Ratio Lower Upper
 75 100
 77 43.9 25.0 37.4#



#54
 cis-1,3-Dichloropropene
 Concen: 0.82 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion: 75 Resp: 1524
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.1 37.7
 39 52.1 36.1 54.1

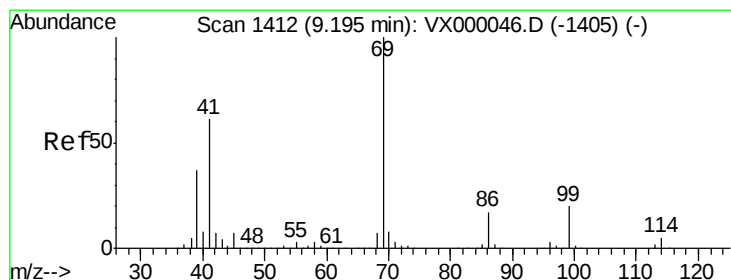
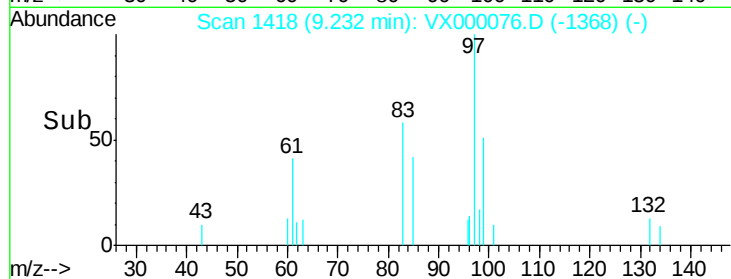
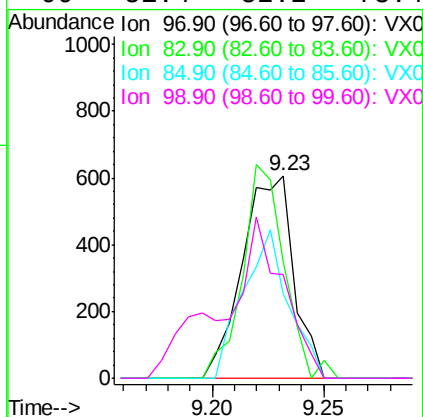
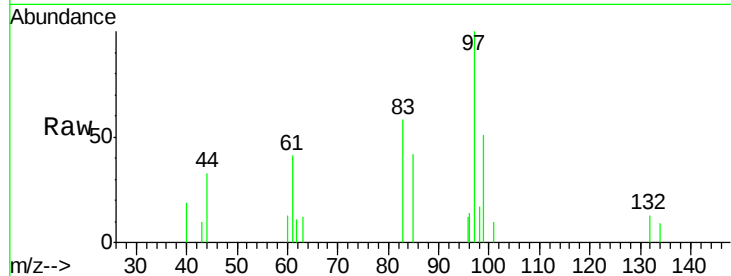




#55
 1,1,2-Trichloroethane
 Concen: 0.77 ug/l
 RT: 9.23 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

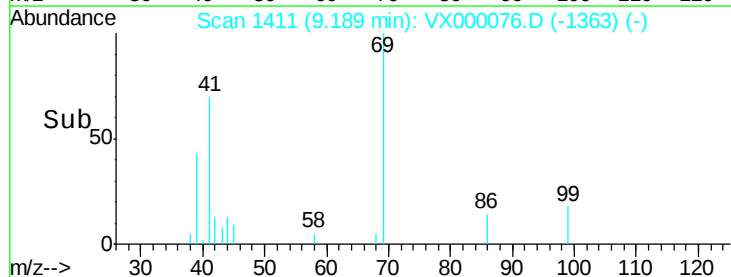
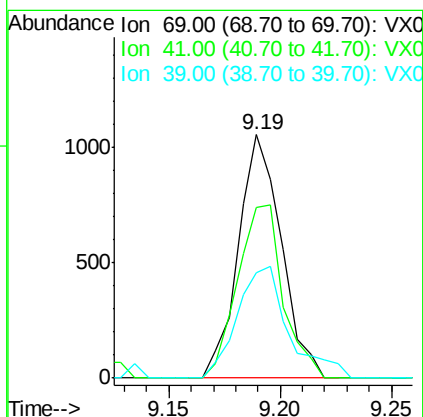
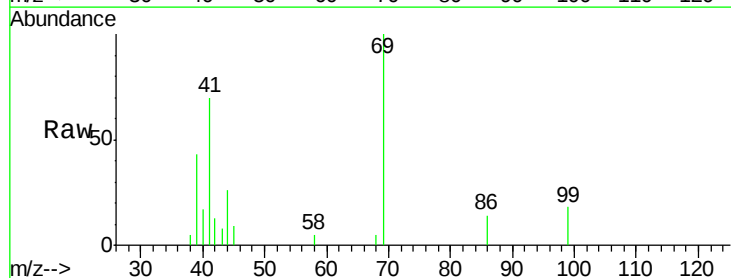
Instrument :
 ClientSampled :
 MDL04 0.75

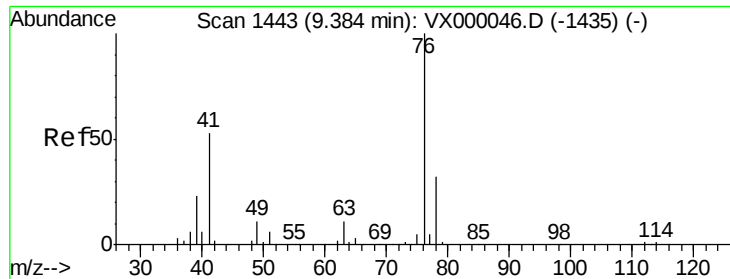
Tgt Ion:	97	Resp:	973
Ion	Ratio	Lower	Upper
97	100		
83	57.8	66.5	99.7#
85	41.8	43.8	65.6#
99	51.4	52.2	78.4#



#56
 Ethyl methacrylate
 Concen: 0.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion:	69	Resp:	1422
Ion	Ratio	Lower	Upper
69	100		
41	75.0	49.5	74.3#
39	54.5	29.9	44.9#





#57

1,3-Dichloropropane

Concen: 0.76 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

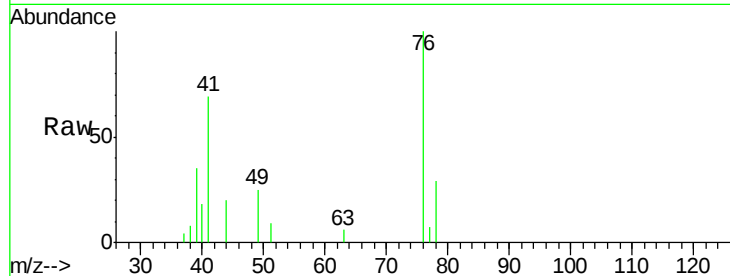
Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion: 76 Resp: 1497

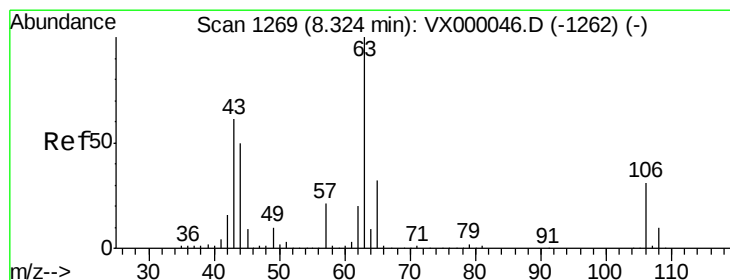
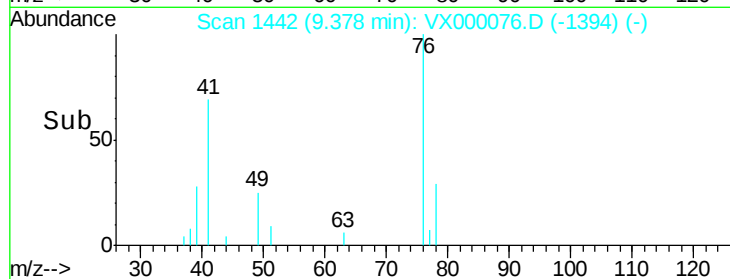
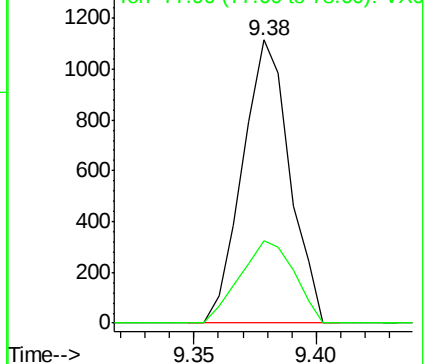
Ion Ratio Lower Upper

76 100

78 33.5 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: 4.09 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000076.D

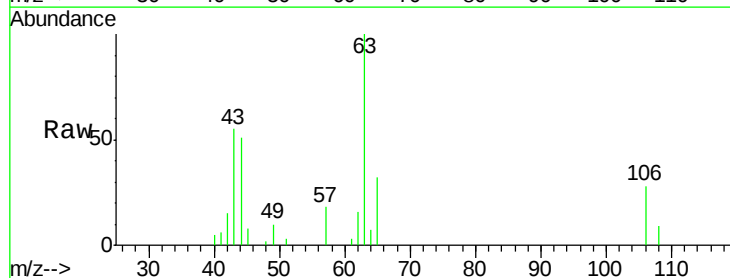
Acq: 13 Feb 2018 15:23

Tgt Ion: 63 Resp: 3902

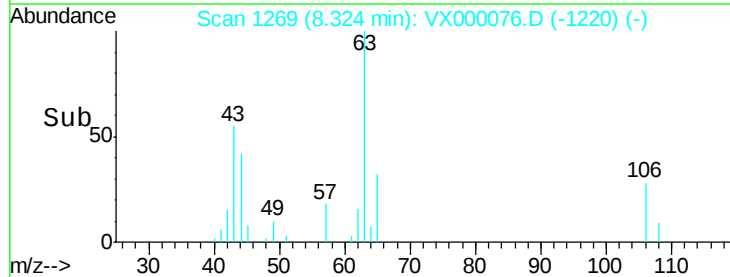
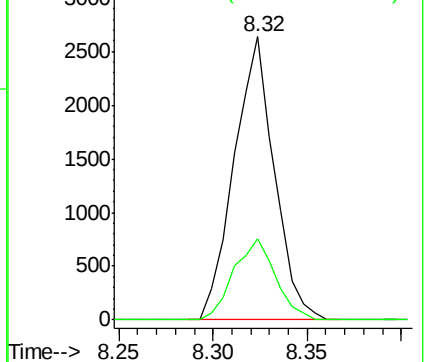
Ion Ratio Lower Upper

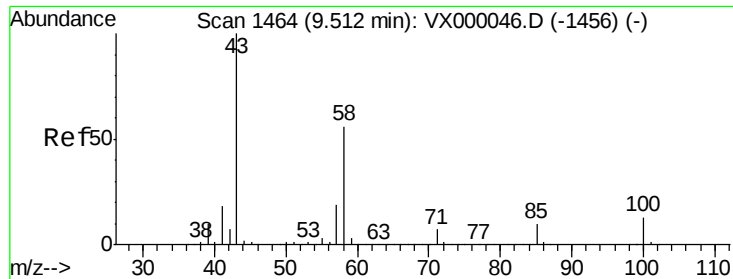
63 100

106 29.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

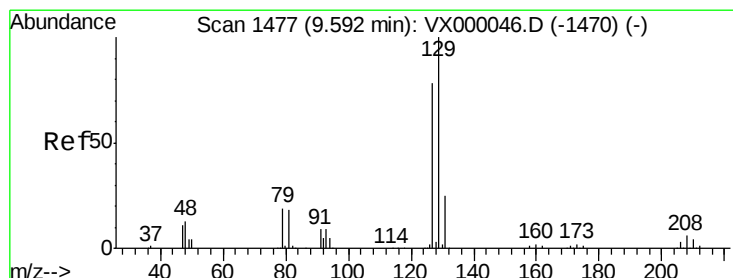
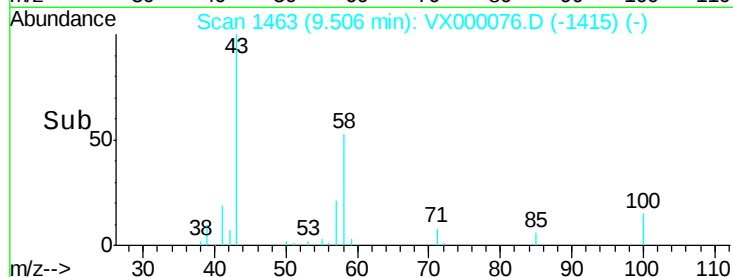
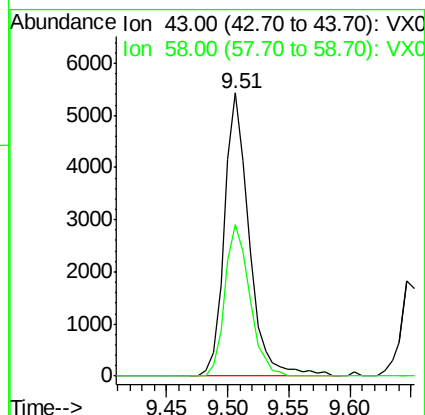
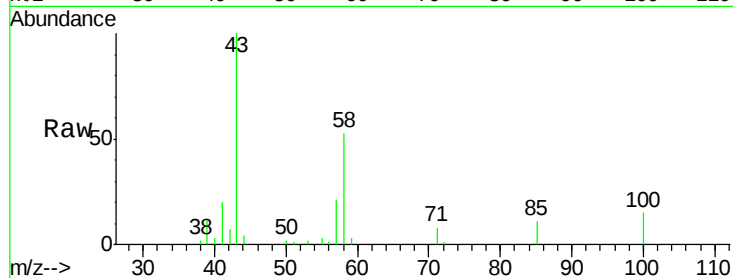




#59
2-Hexanone
Concen: 4.35 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

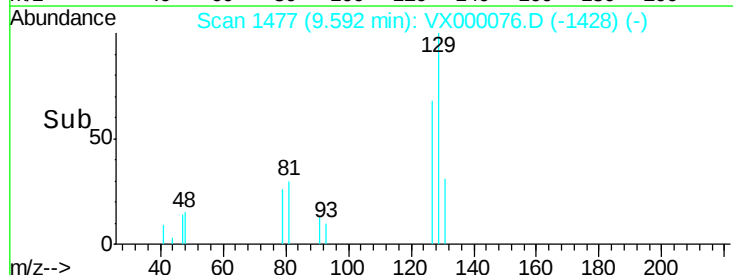
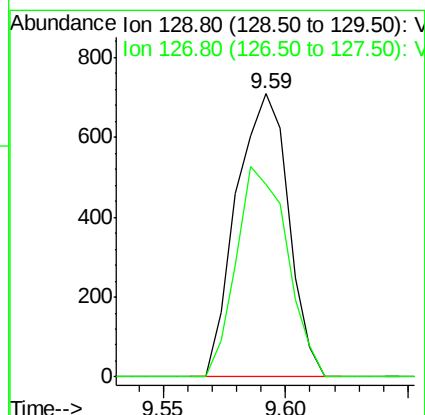
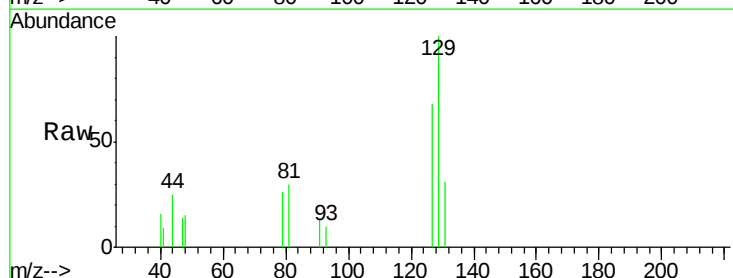
Instrument :
ClientSampled :
MDL04 0.75

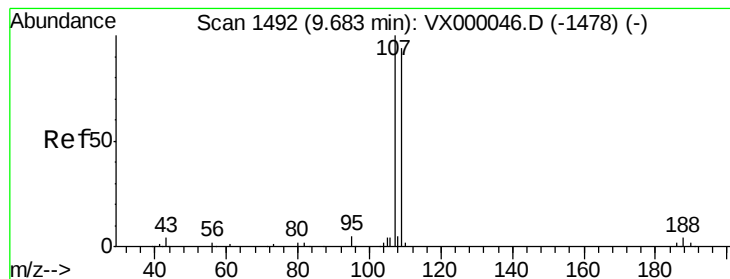
Tgt Ion: 43 Resp: 7597
Ion Ratio Lower Upper
43 100
58 53.7 27.6 82.7



#60
Dibromochloromethane
Concen: 0.73 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 129 Resp: 1054
Ion Ratio Lower Upper
129 100
127 72.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

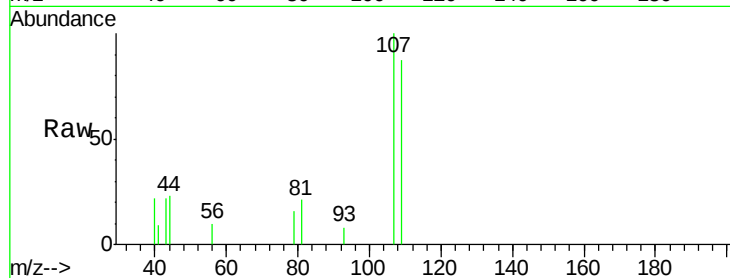
MDL04 0.75

Tgt Ion: 107 Resp: 996

Ion Ratio Lower Upper

107 100

109 105.8 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

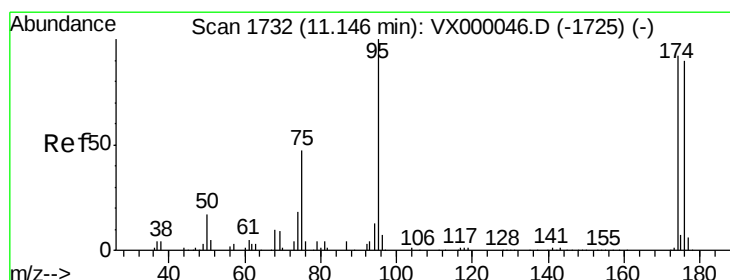
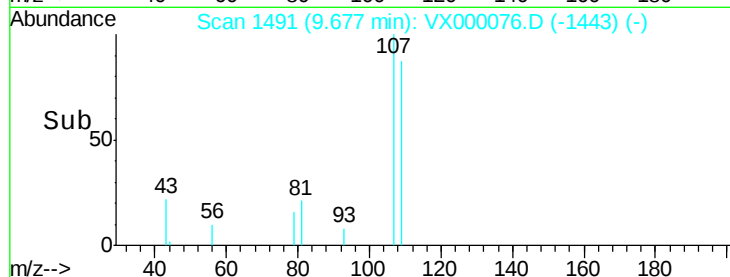
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.14 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

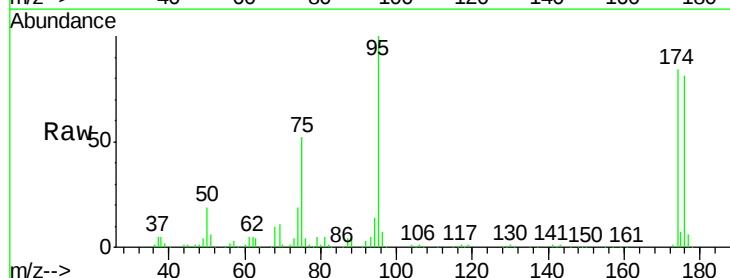
Tgt Ion: 95 Resp: 77347

Ion Ratio Lower Upper

95 100

174 85.0 0.0 185.6

176 83.0 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

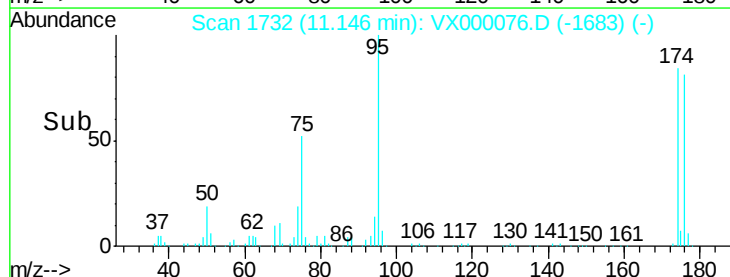
60000

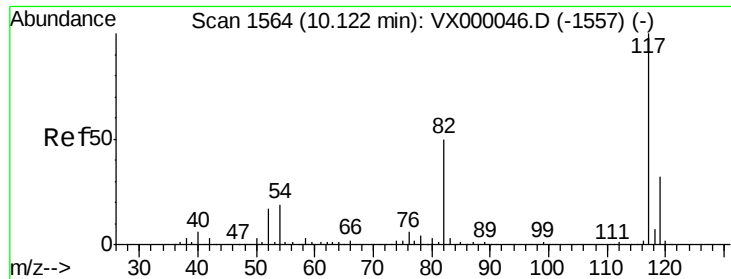
40000

20000

0

Time-->

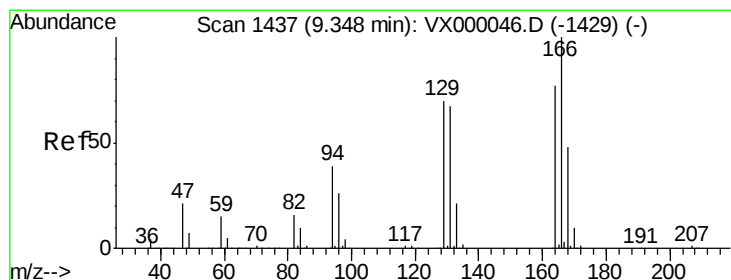
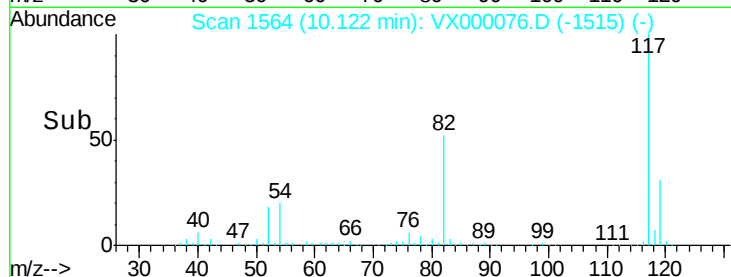
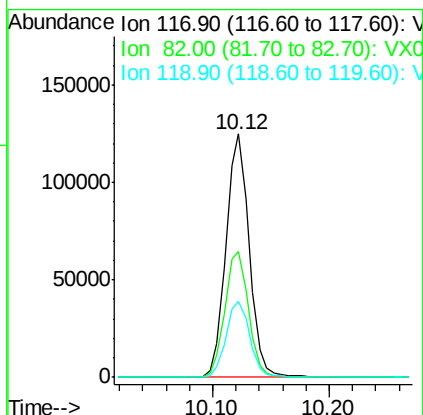
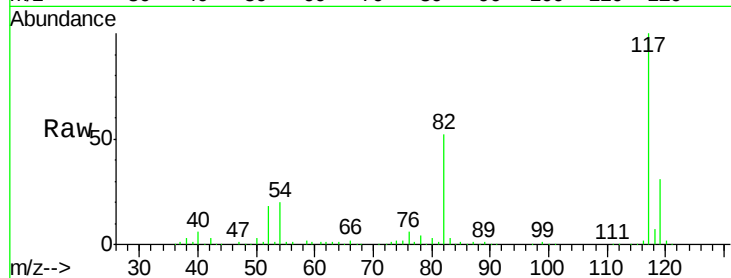




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

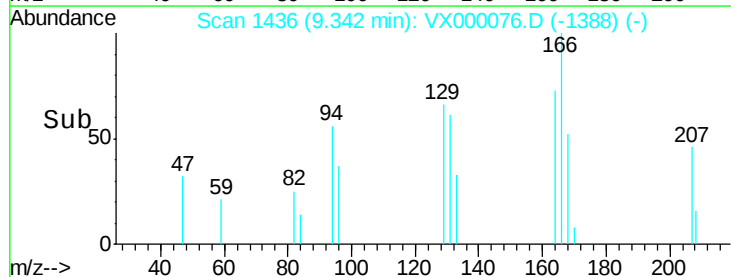
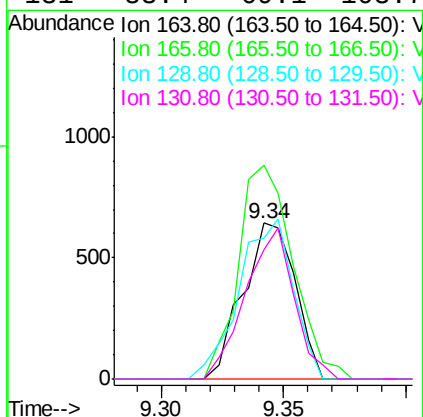
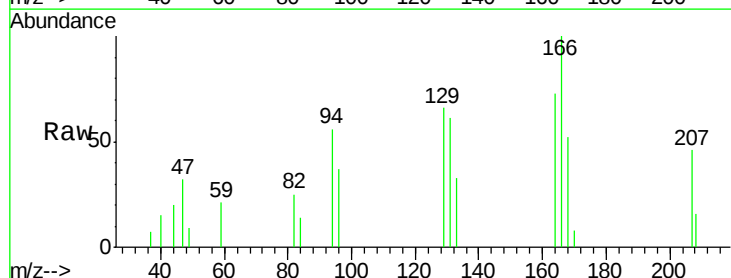
Instrument :
ClientSampled :
MDL04 0.75

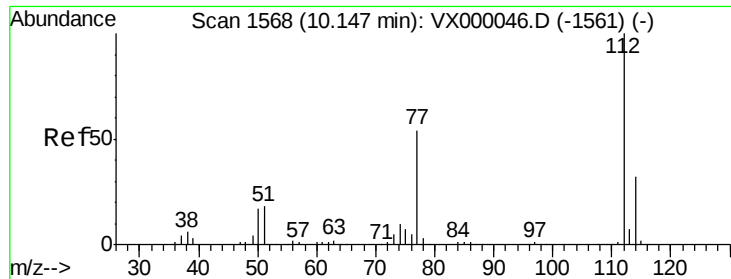
Tgt Ion:117 Resp: 171986
Ion Ratio Lower Upper
117 100
82 51.6 40.3 60.5
119 31.4 25.3 37.9



#64
Tetrachloroethene
Concen: 0.74 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion:164 Resp: 951
Ion Ratio Lower Upper
164 100
166 137.0 103.7 155.5
129 90.0 72.2 108.4
131 83.4 69.1 103.7

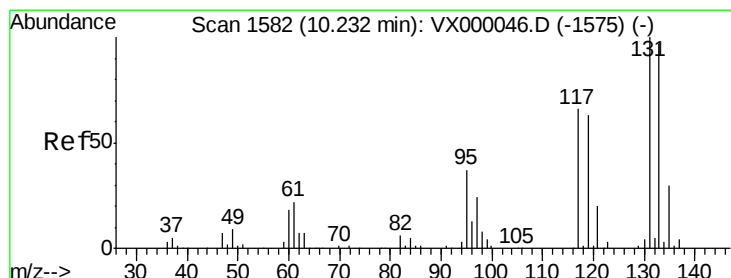
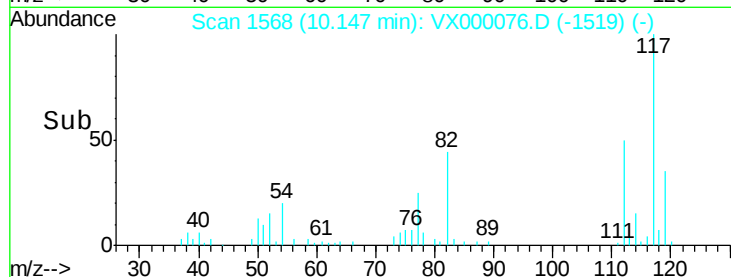
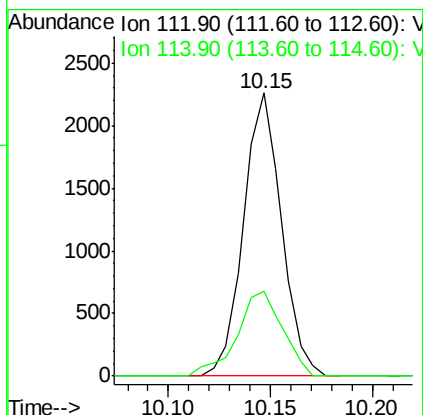
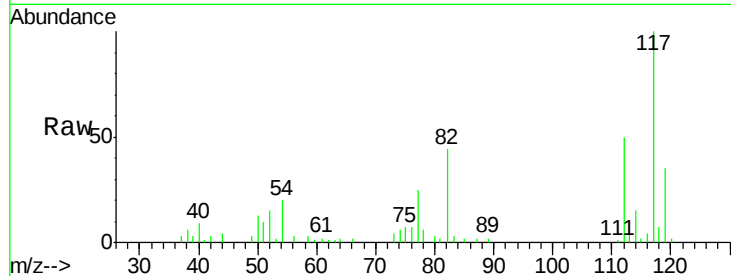




#65
Chlorobenzene
Concen: 0.82 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

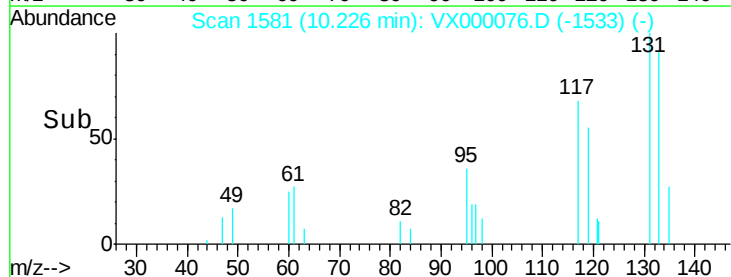
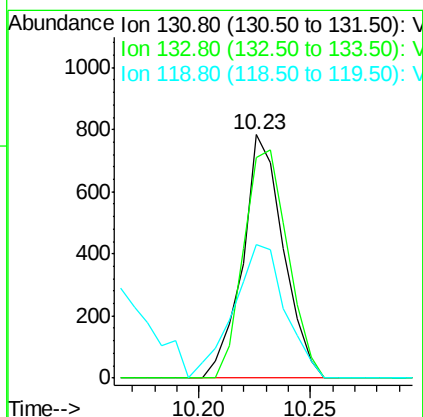
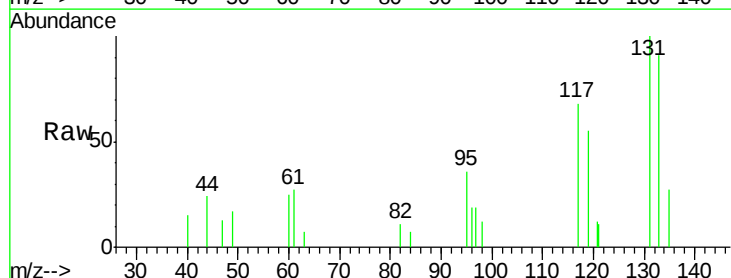
Instrument :
ClientSampled :
MDL04 0.75

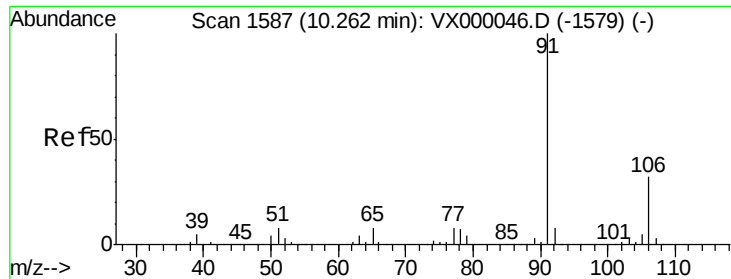
Tgt Ion:112 Resp: 2922
Ion Ratio Lower Upper
112 100
114 29.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.78 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion:131 Resp: 1001
Ion Ratio Lower Upper
131 100
133 101.5 47.6 142.9
119 0.0 31.7 95.1#

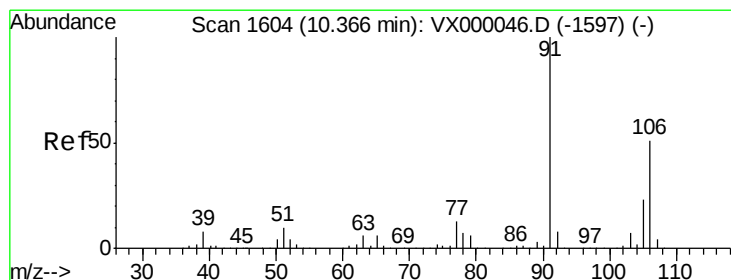
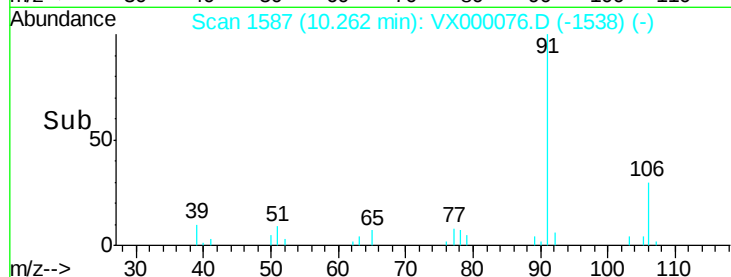
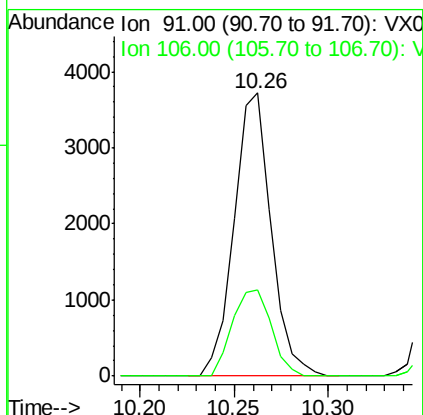
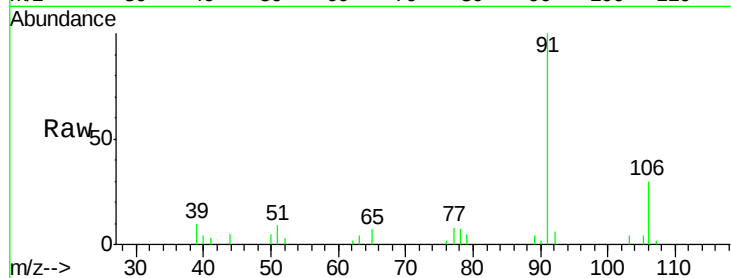




#67
Ethyl Benzene
Concen: 0.86 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

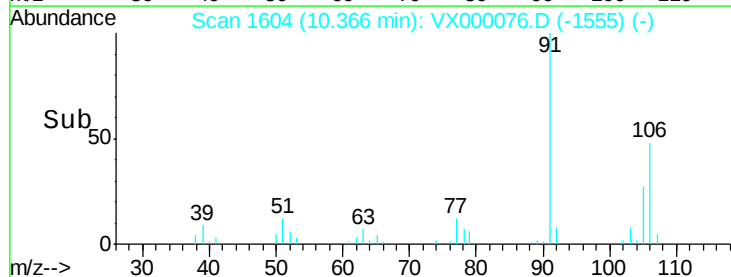
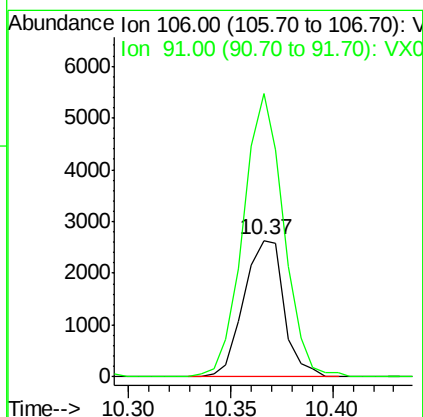
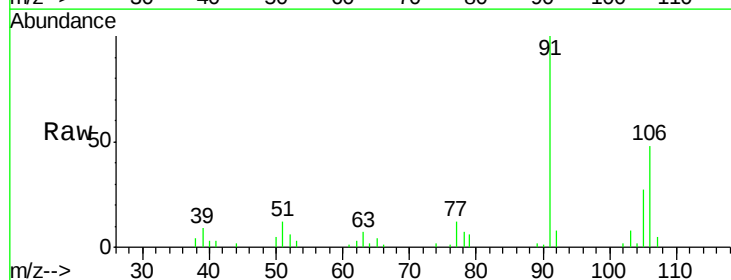
Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion: 91 Resp: 5082
Ion Ratio Lower Upper
91 100
106 30.3 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: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 106 Resp: 3624
Ion Ratio Lower Upper
106 100
91 207.8 158.3 237.5

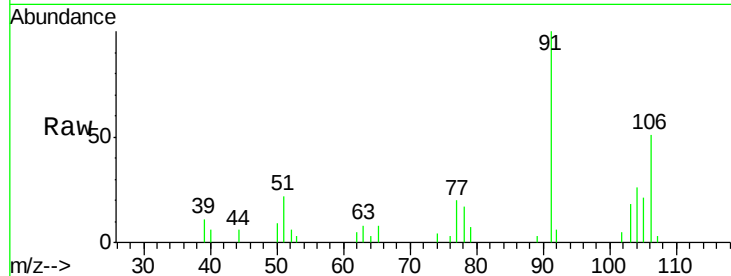




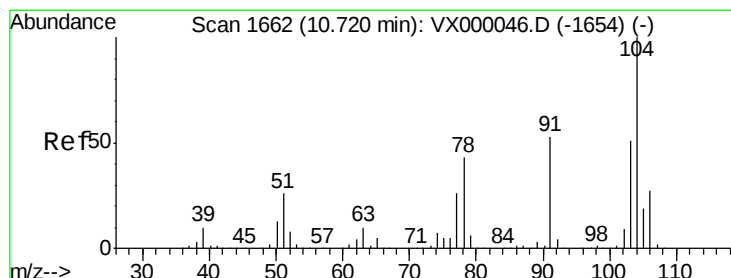
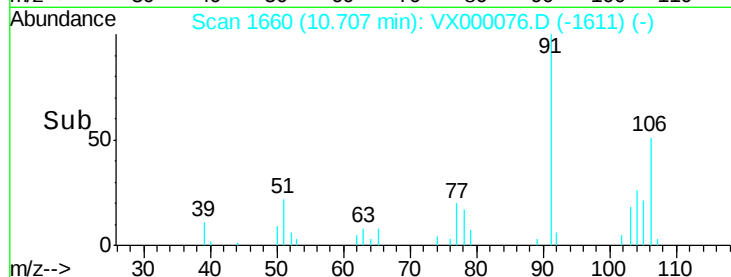
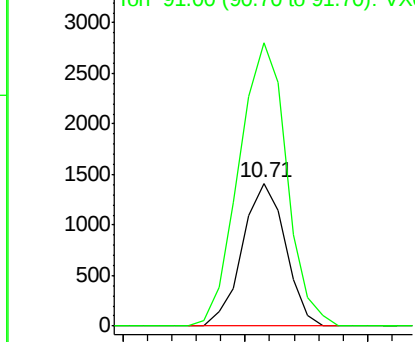
#69
o-Xylene
Concen: 0.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion:106 Resp: 1738
Ion Ratio Lower Upper
106 100
91 219.5 104.0 312.0

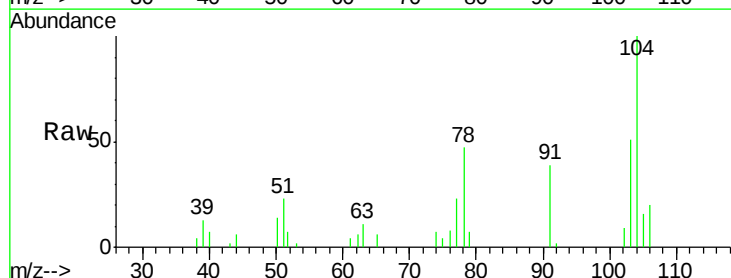


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

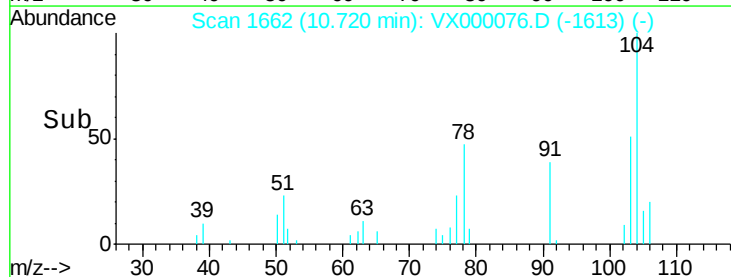
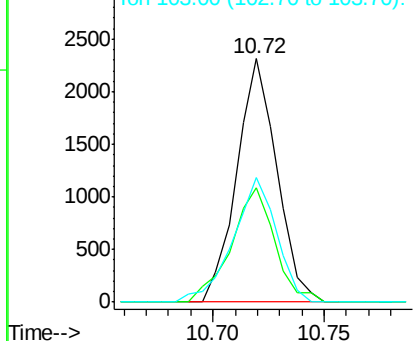


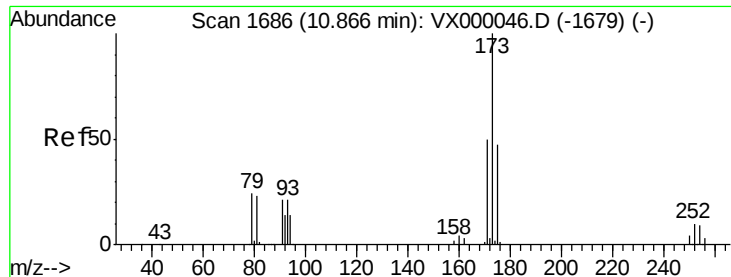
#70
Styrene
Concen: 0.75 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion:104 Resp: 2897
Ion Ratio Lower Upper
104 100
78 51.2 37.7 56.5
103 55.3 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





#71

Bromoform

Concen: 0.64 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

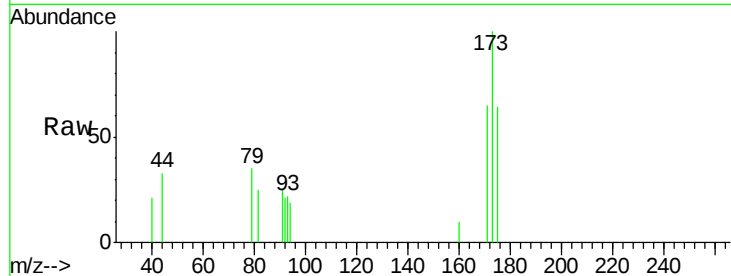
Tgt Ion:173 Resp: 777

Ion Ratio Lower Upper

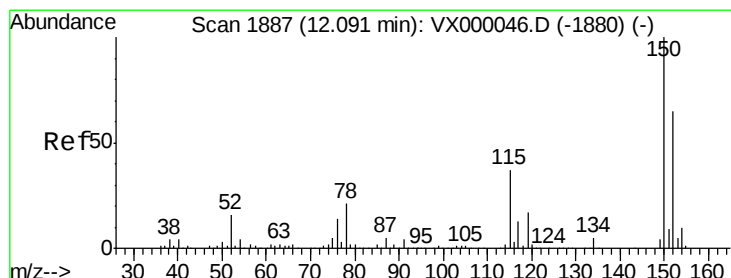
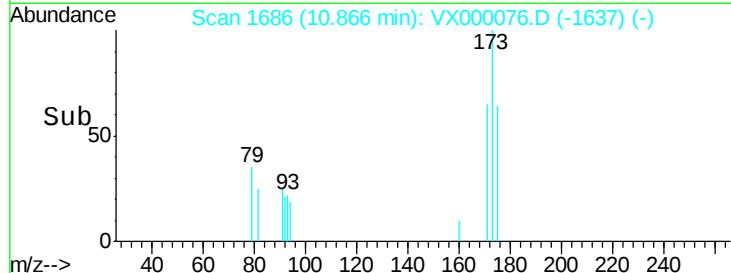
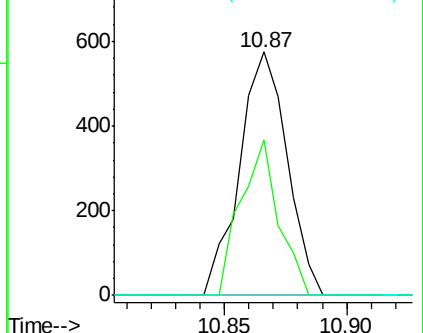
173 100

175 51.1 23.9 71.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

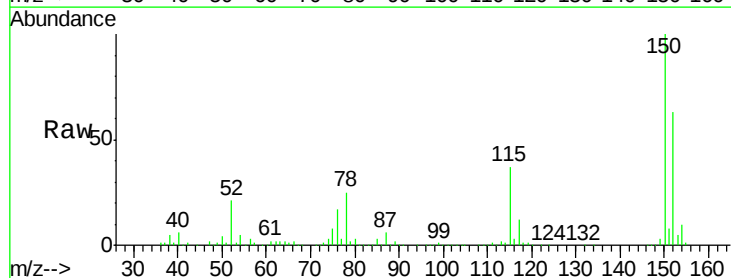
Tgt Ion:152 Resp: 93014

Ion Ratio Lower Upper

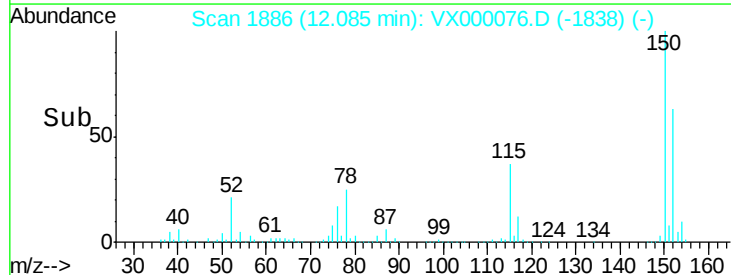
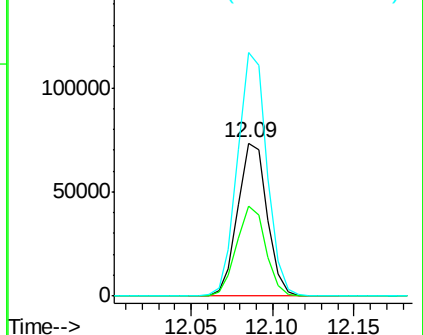
152 100

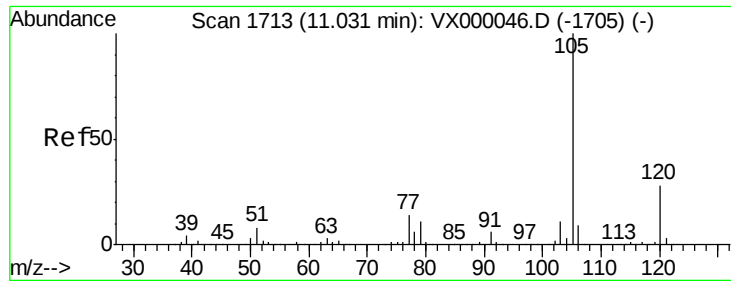
115 58.2 39.3 117.8

150 158.2 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: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

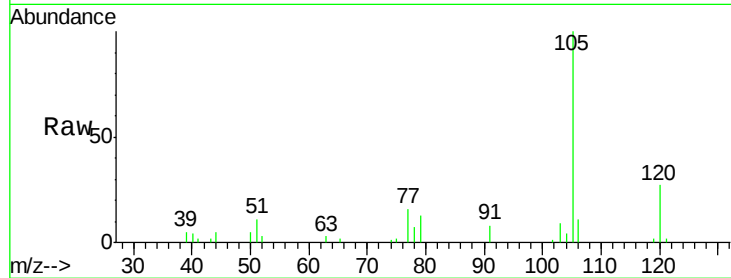
MDL04 0.75

Tgt Ion: 105 Resp: 4895

Ion Ratio Lower Upper

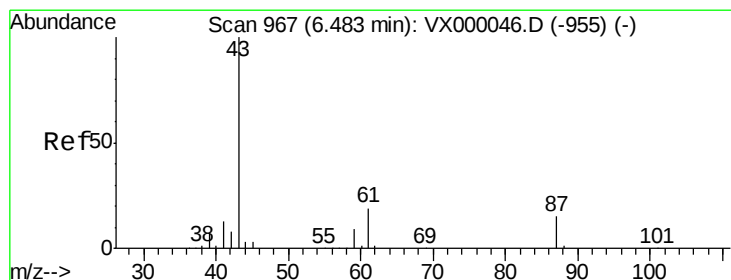
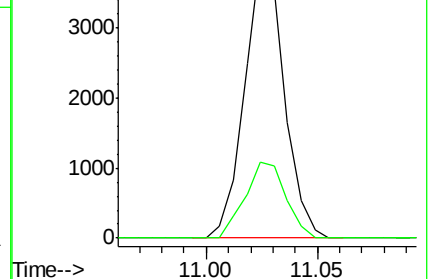
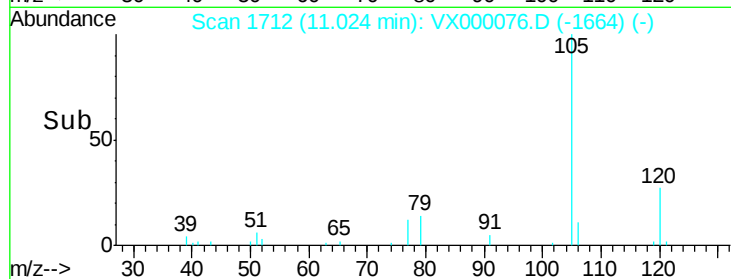
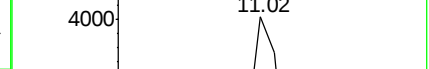
105 100

120 28.2 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: 0.93 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion: 43 Resp: 2757

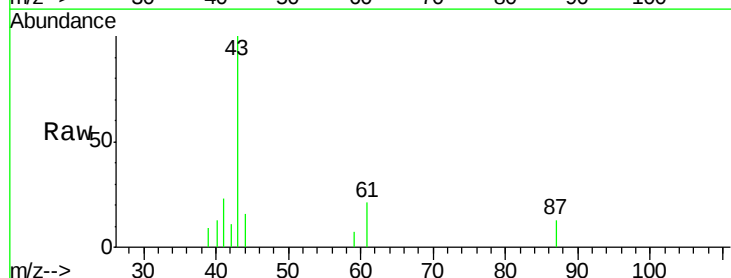
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.0 15.9 23.9

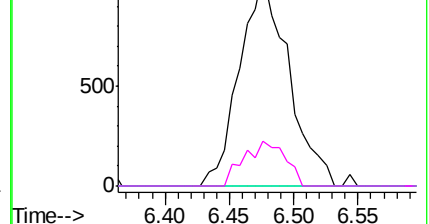
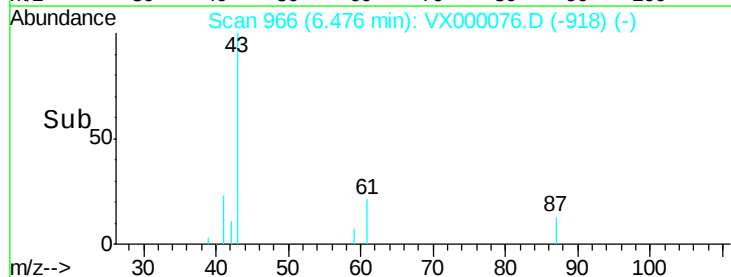


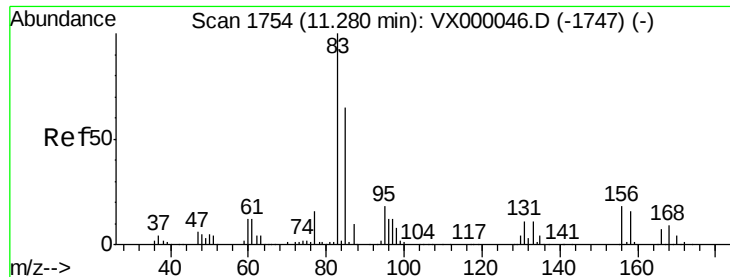
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.85 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

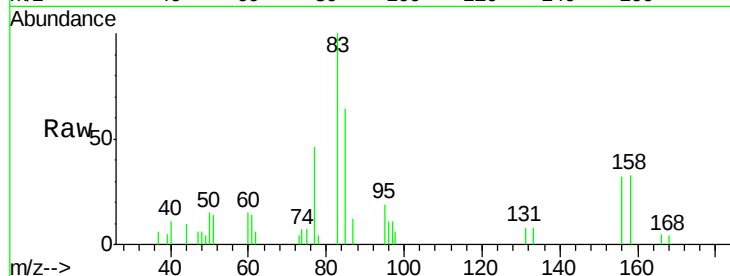
Tgt Ion: 83 Resp: 1711

Ion Ratio Lower Upper

83 100

131 9.7 5.5 16.7

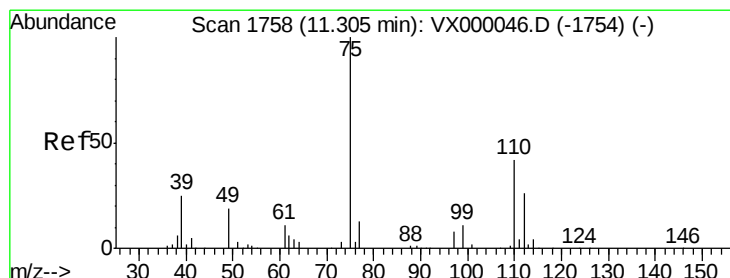
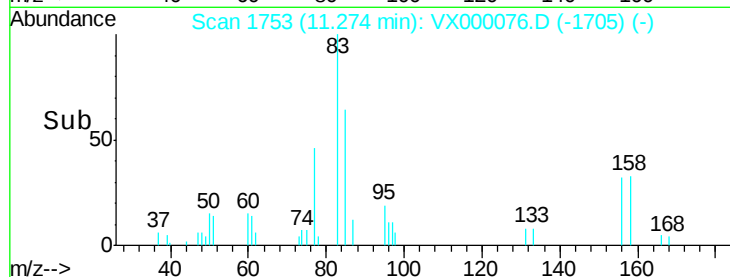
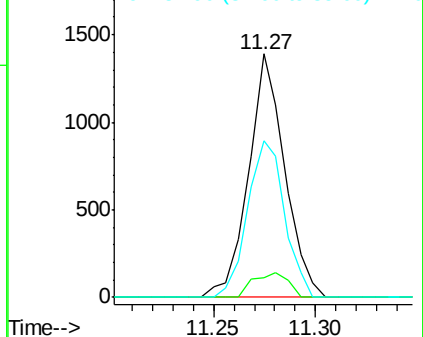
85 65.6 32.6 97.7



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: 1.21 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000076.D

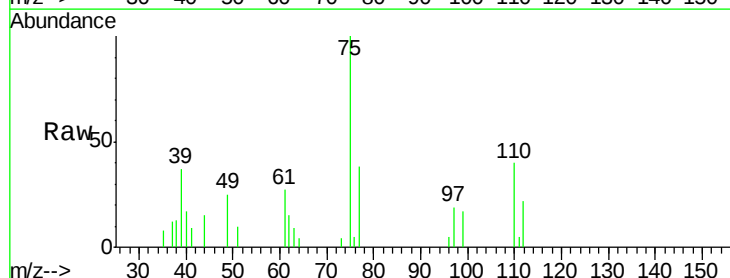
Acq: 13 Feb 2018 15:23

Tgt Ion: 75 Resp: 2124

Ion Ratio Lower Upper

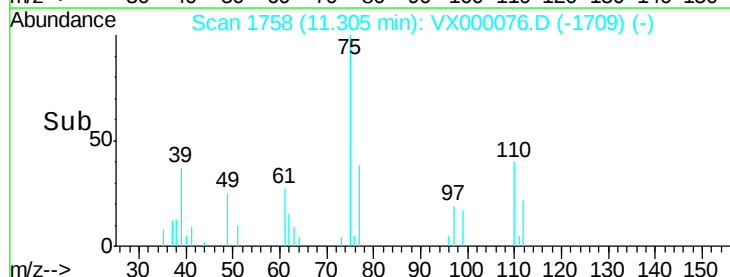
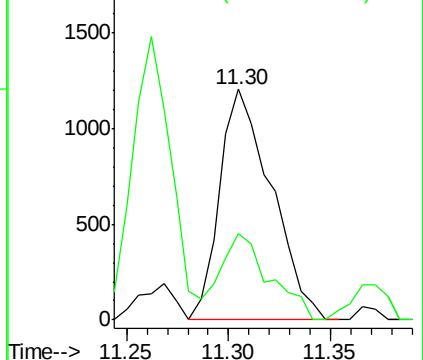
75 100

77 35.2 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: 0.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

MDL04 0.75

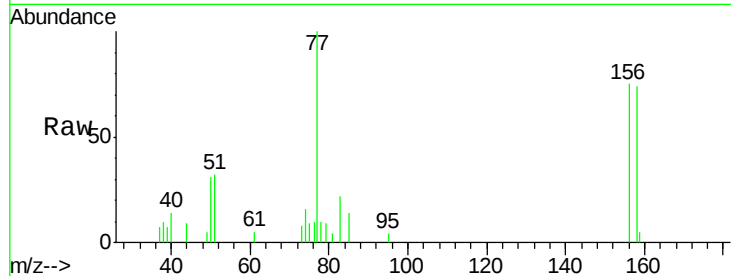
Tgt Ion:156 Resp: 1385

Ion Ratio Lower Upper

156 100

77 141.4 66.2 198.6

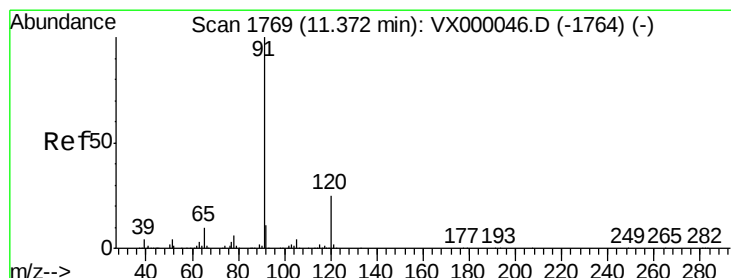
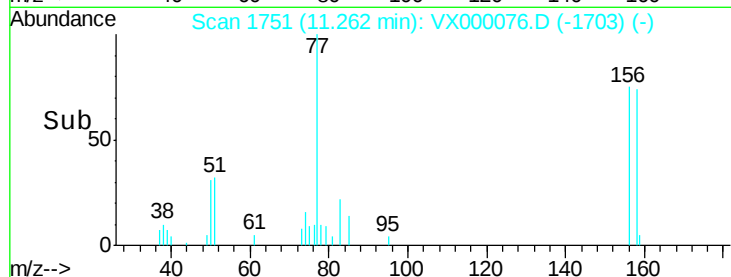
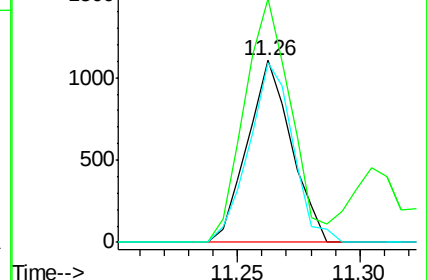
158 99.2 48.6 145.9



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: 0.84 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000076.D

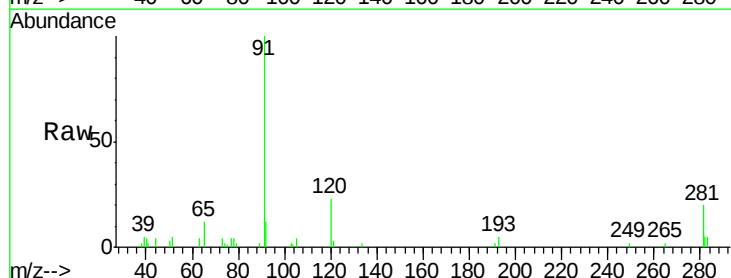
Acq: 13 Feb 2018 15:23

Tgt Ion: 91 Resp: 5741

Ion Ratio Lower Upper

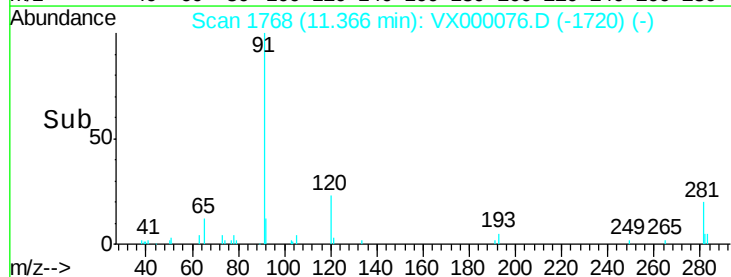
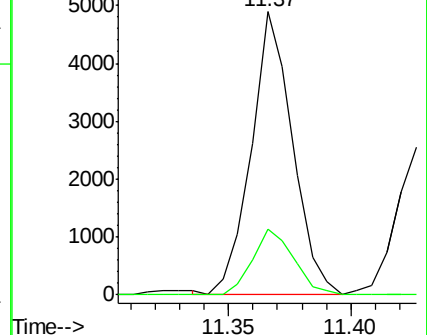
91 100

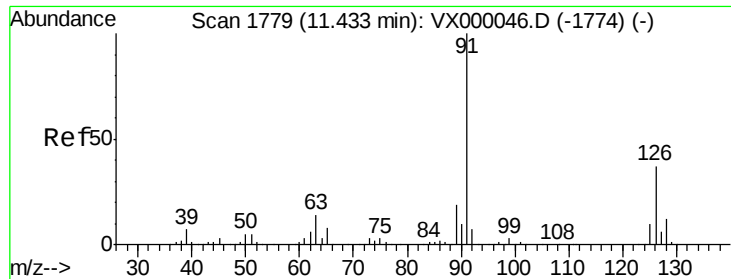
120 23.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.90 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

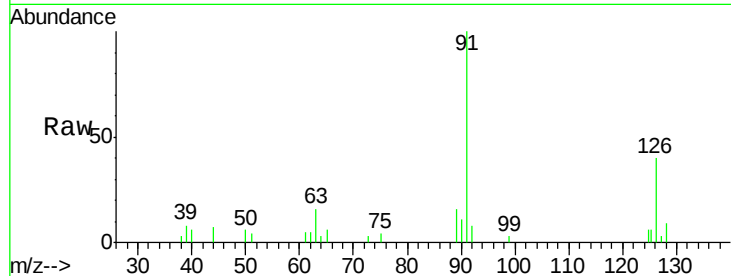
MDL04 0.75

Tgt Ion: 91 Resp: 3570

Ion Ratio Lower Upper

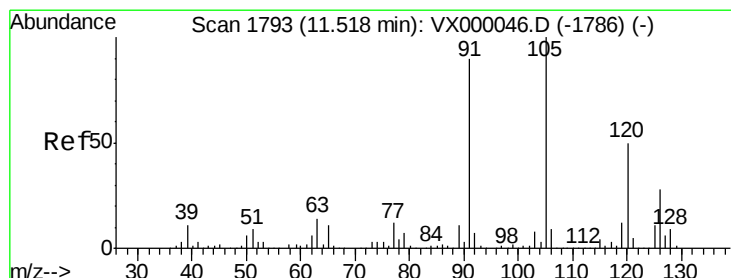
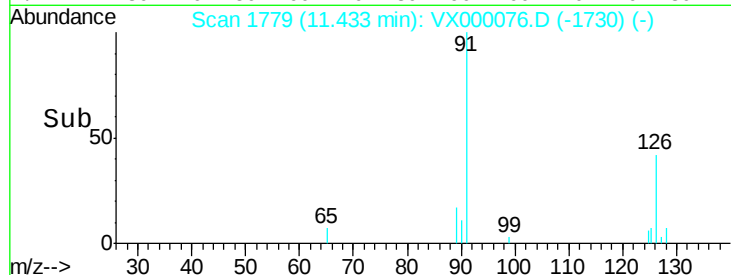
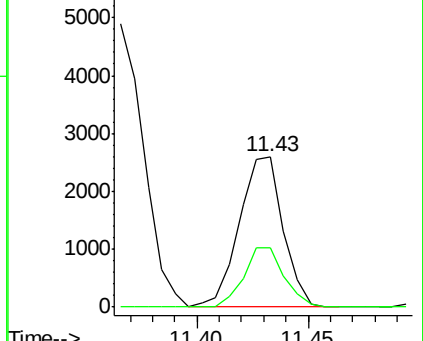
91 100

126 36.7 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.79 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000076.D

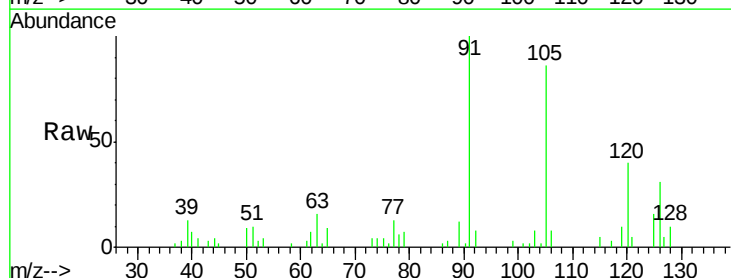
Acq: 13 Feb 2018 15:23

Tgt Ion: 105 Resp: 3916

Ion Ratio Lower Upper

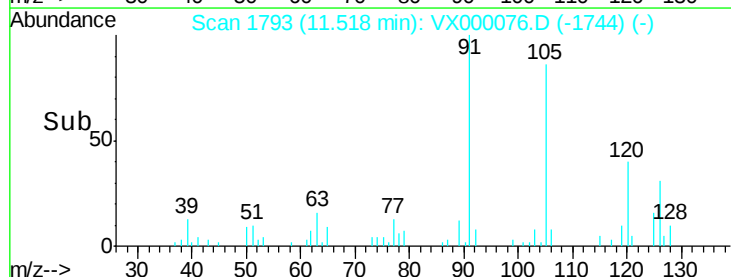
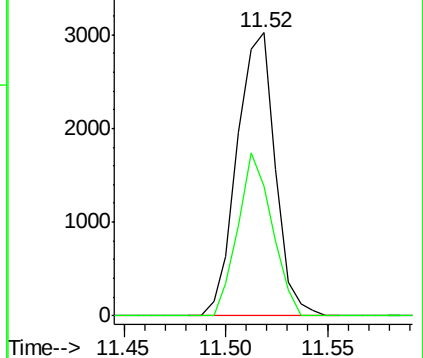
105 100

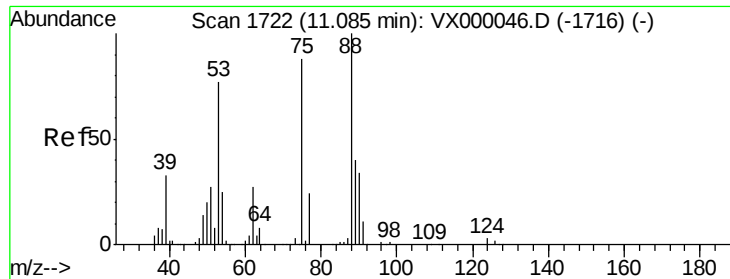
120 51.4 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 57.18 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampleId :

MDL04 0.75

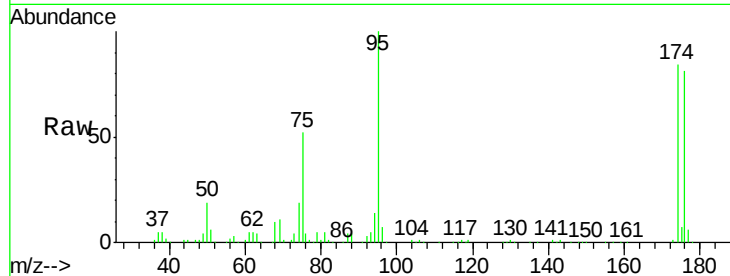
Tgt Ion: 75 Resp: 40480

Ion Ratio Lower Upper

75 100

53 0.0 70.3 105.5#

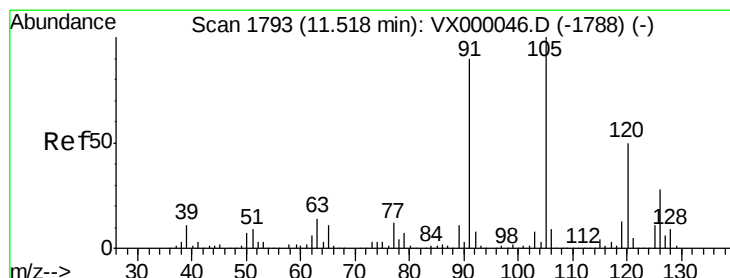
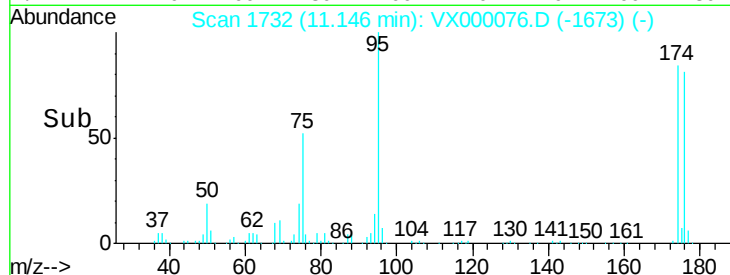
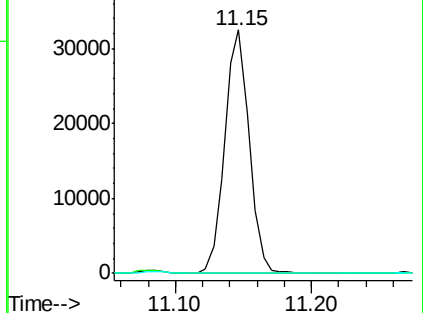
89 0.0 48.6 72.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.88 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000076.D

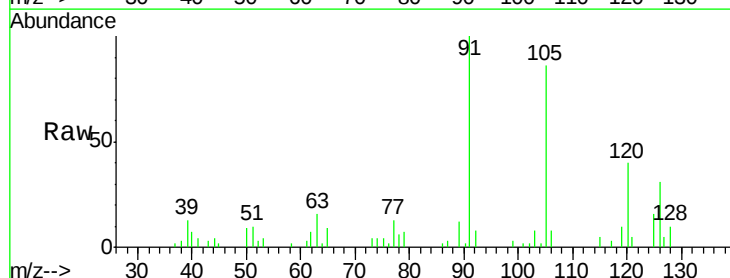
Acq: 13 Feb 2018 15:23

Tgt Ion: 91 Resp: 4144

Ion Ratio Lower Upper

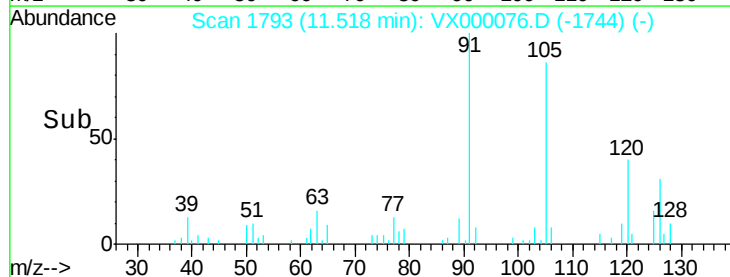
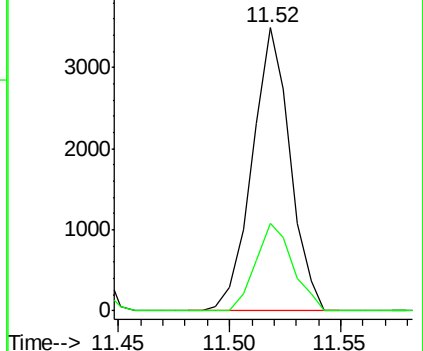
91 100

126 30.6 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

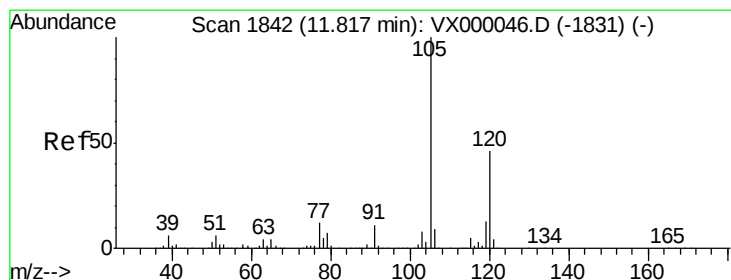
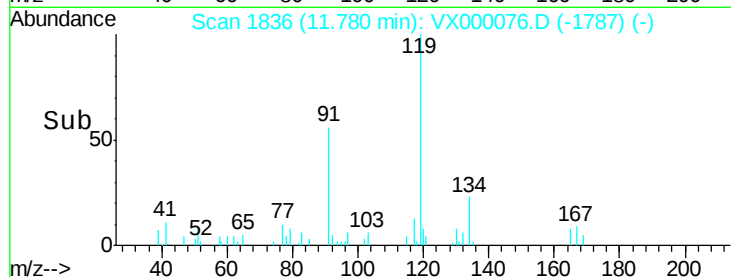
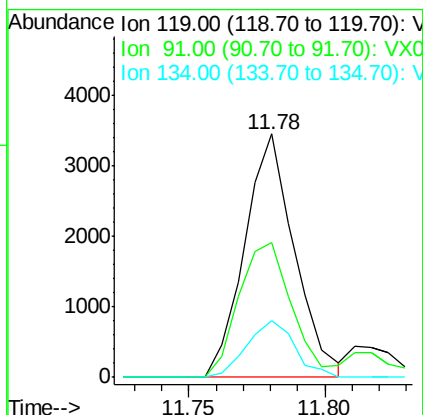
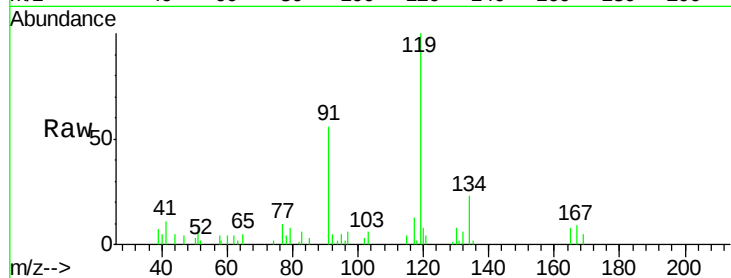




#83
 tert-Butylbenzene
 Concen: 0.88 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

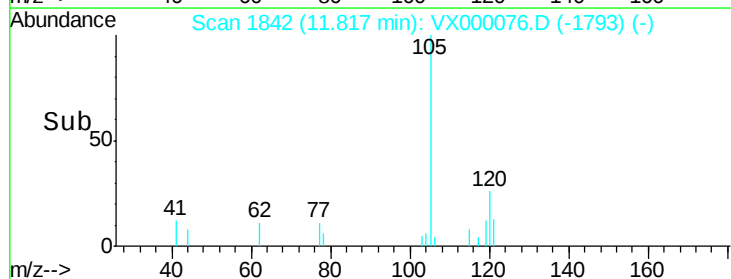
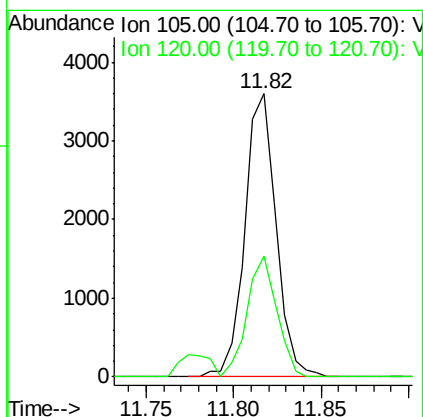
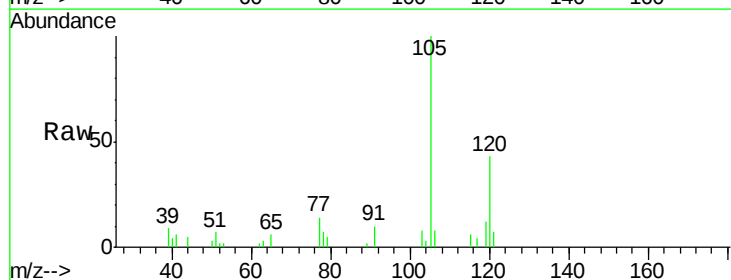
Instrument :
 ClientSampled :
 MDL04 0.75

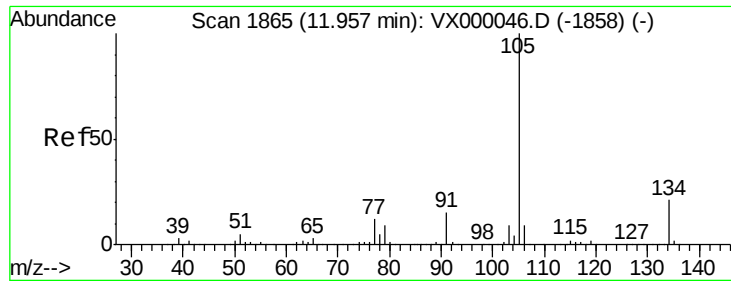
Tgt Ion:119 Resp: 4380
 Ion Ratio Lower Upper
 119 100
 91 59.5 27.9 83.7
 134 22.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.88 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion:105 Resp: 4455
 Ion Ratio Lower Upper
 105 100
 120 40.9 23.4 70.2





#85

sec-Butylbenzene

Concen: 0.84 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Instrument :

ClientSampled :

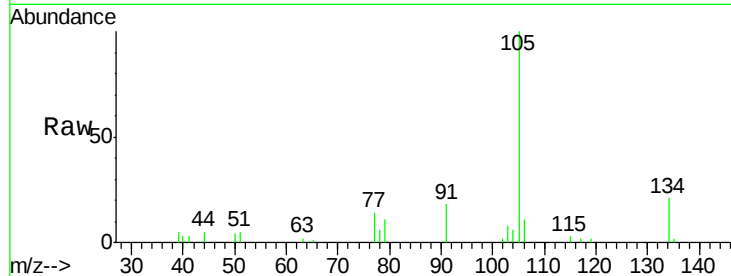
MDL04 0.75

Tgt Ion:105 Resp: 5152

Ion Ratio Lower Upper

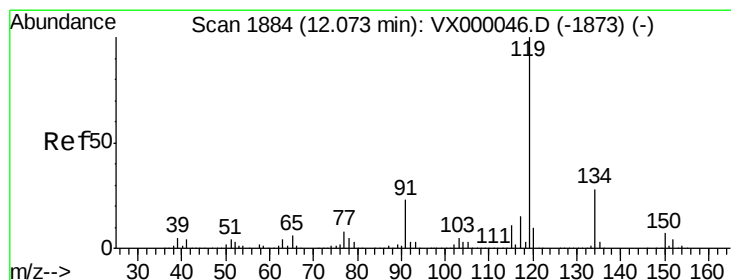
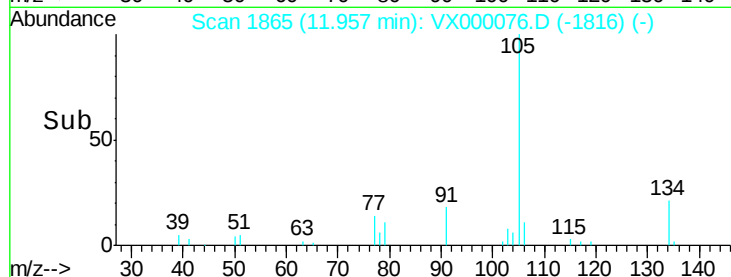
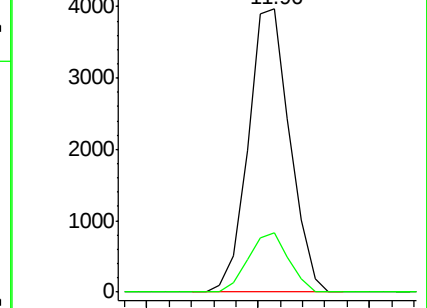
105 100

134 20.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.82 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

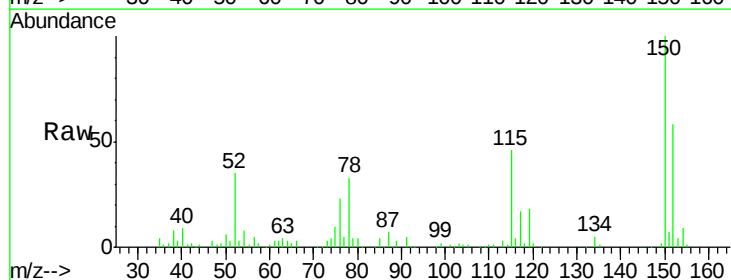
Tgt Ion:119 Resp: 4526

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

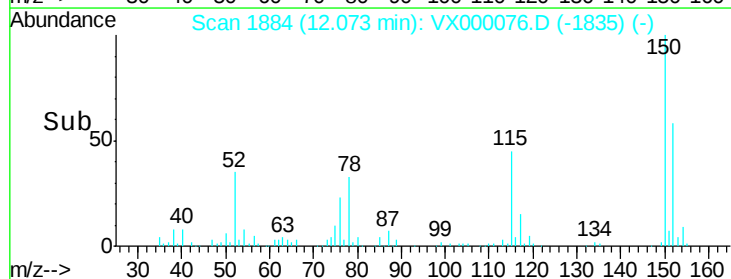
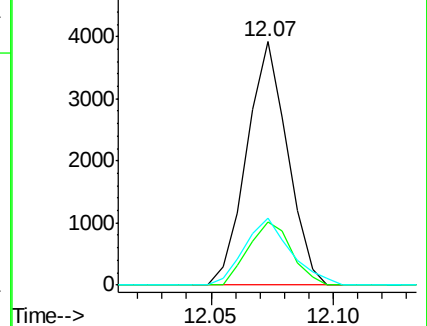
91 31.2 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.87 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000076.D

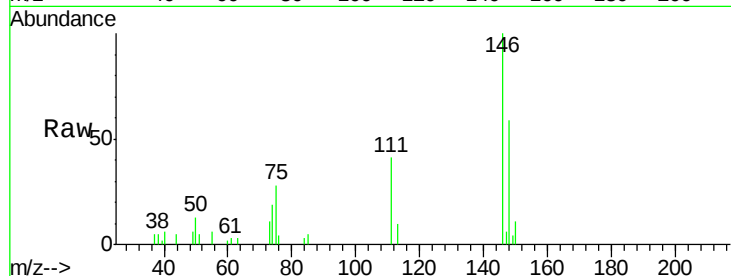
Acq: 13 Feb 2018 15:23

Instrument :

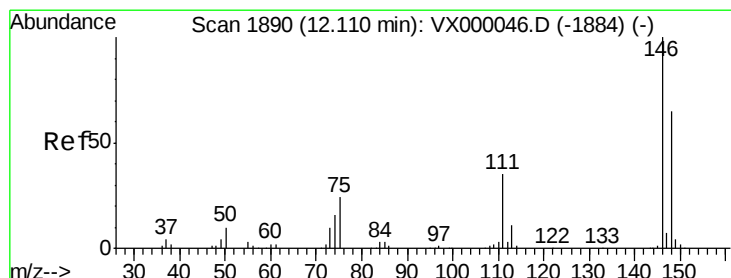
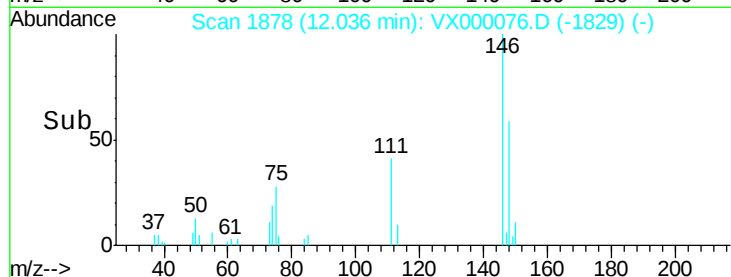
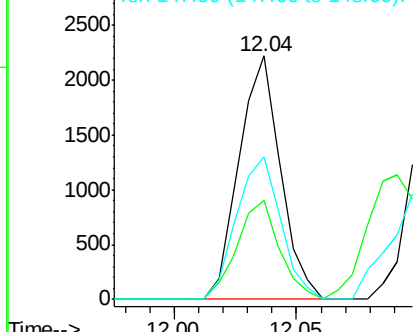
ClientSampled :

MDL04 0.75

Tgt Ion:	146	Resp:	2621
Ion	Ratio	Lower	Upper
146	100		
111	41.6	18.9	56.9
148	62.5	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: 0.85 ug/l

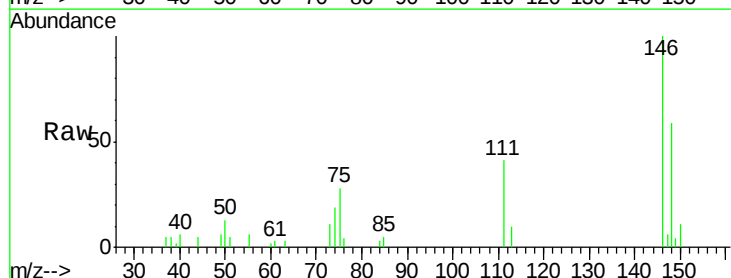
RT: 12.04 min Scan# 1878

Delta R.T. -0.07 min

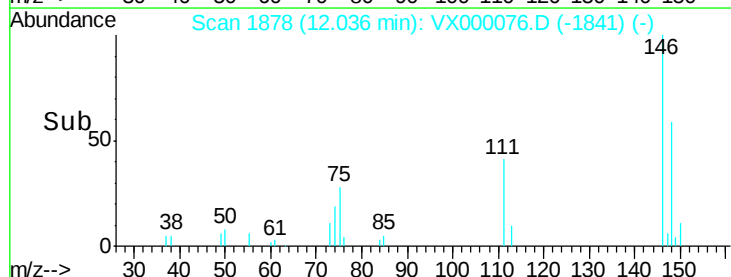
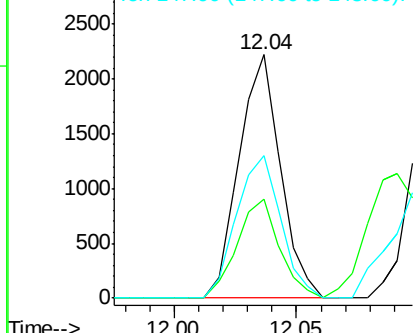
Lab File: VX000076.D

Acq: 13 Feb 2018 15:23

Tgt Ion:	146	Resp:	2621
Ion	Ratio	Lower	Upper
146	100		
111	41.6	18.7	56.1
148	62.5	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

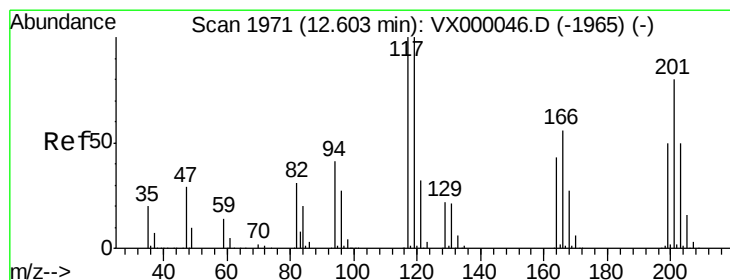
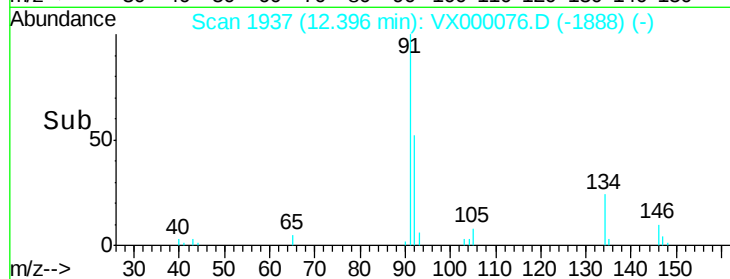
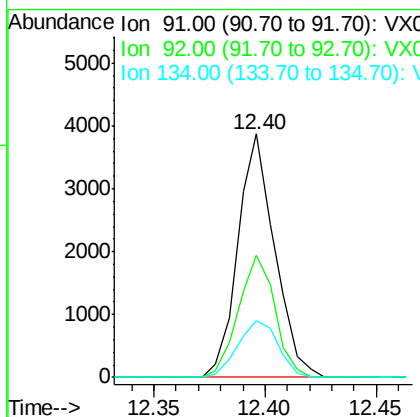
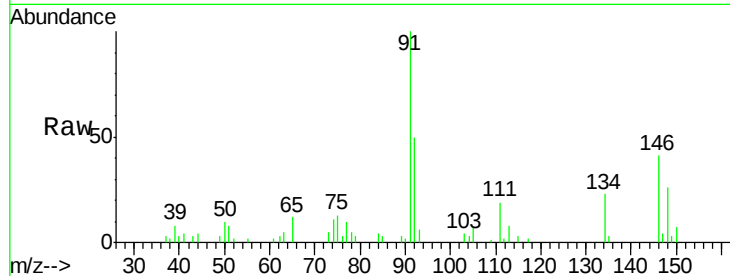




#89
n-Butylbenzene
Concen: 0.87 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

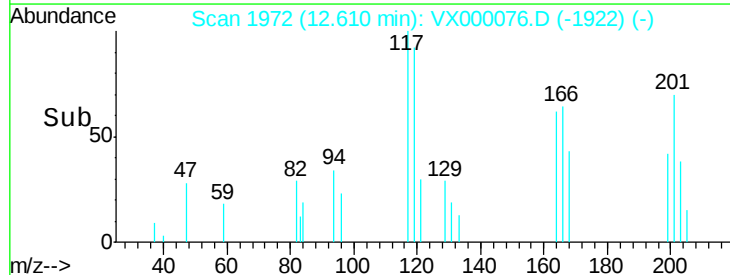
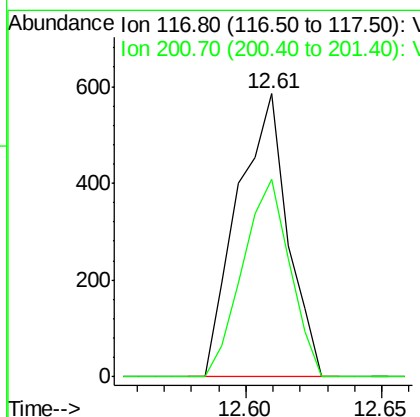
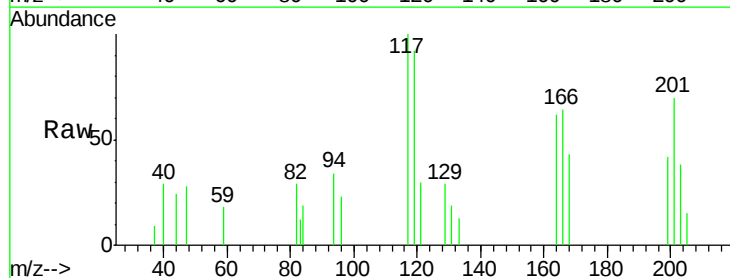
Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion: 91 Resp: 4473
Ion Ratio Lower Upper
91 100
92 49.7 26.1 78.2
134 25.4 14.1 42.2



#90
Hexachloroethane
Concen: 0.77 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 117 Resp: 748
Ion Ratio Lower Upper
117 100
201 65.4 43.5 130.7

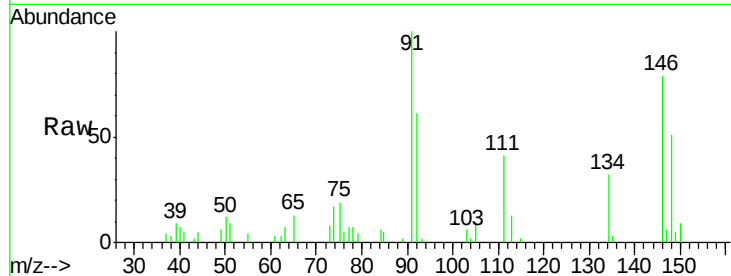




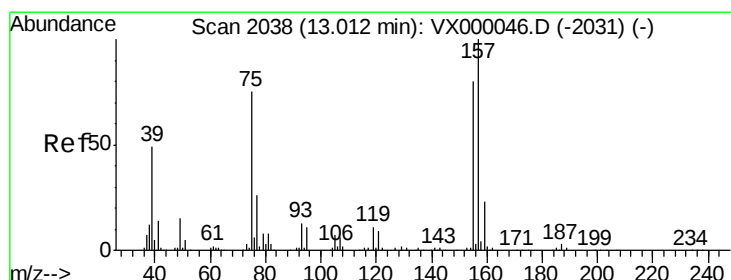
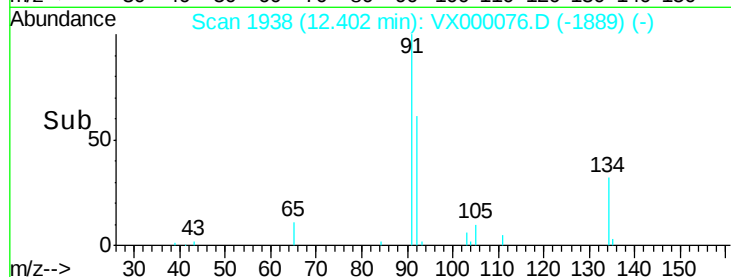
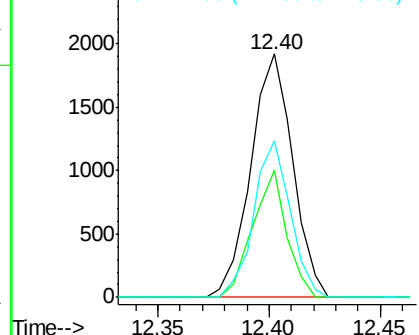
#91
1,2-Dichlorobenzene
Concen: 0.85 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion:146 Resp: 2514
Ion Ratio Lower Upper
146 100
111 42.6 19.4 58.2
148 56.5 32.0 96.2

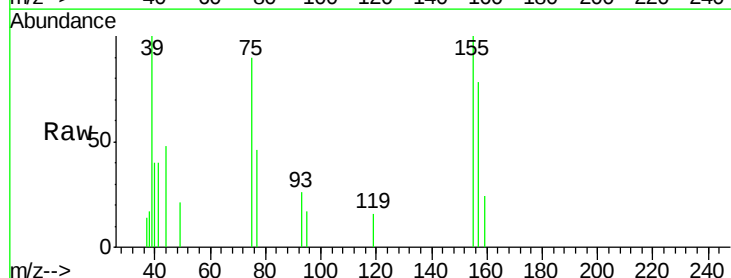


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

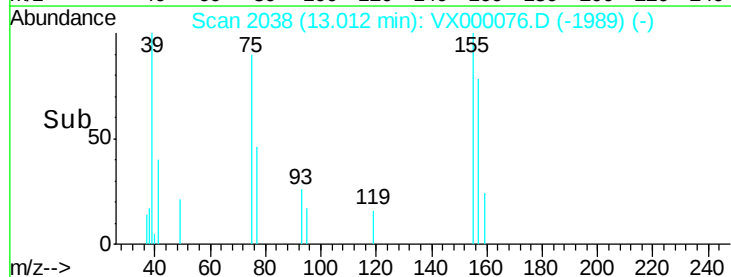
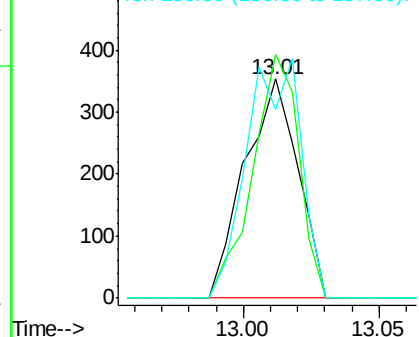


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.83 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion: 75 Resp: 476
Ion Ratio Lower Upper
75 100
155 96.4 52.0 156.0
157 111.1 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

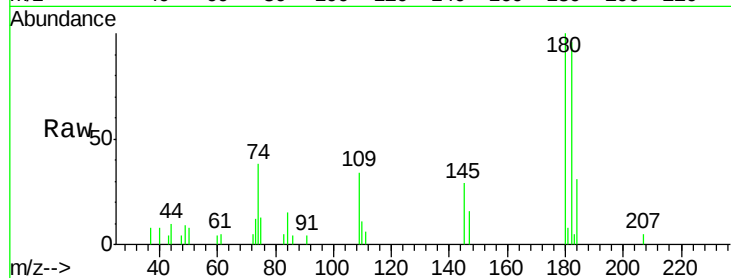




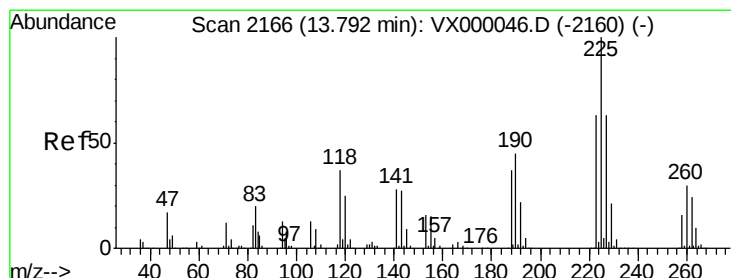
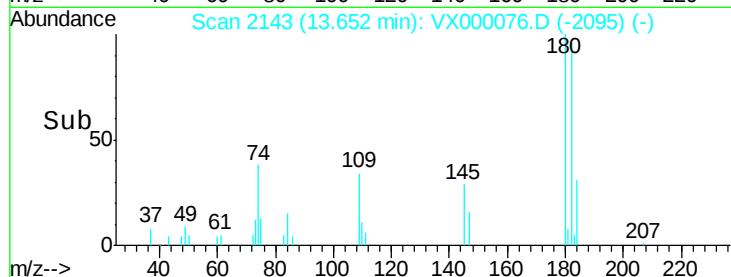
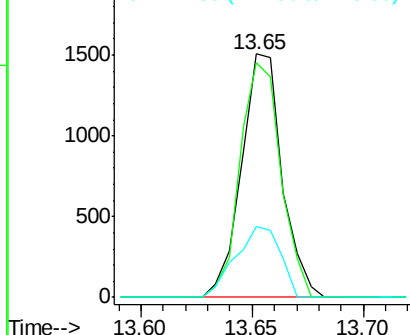
#93
 1,2,4-Trichlorobenzene
 Concen: 0.85 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Instrument :
 ClientSampled :
 MDL04 0.75

Tgt Ion:180 Resp: 1922
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.0 144.0
 145 31.8 14.7 44.1

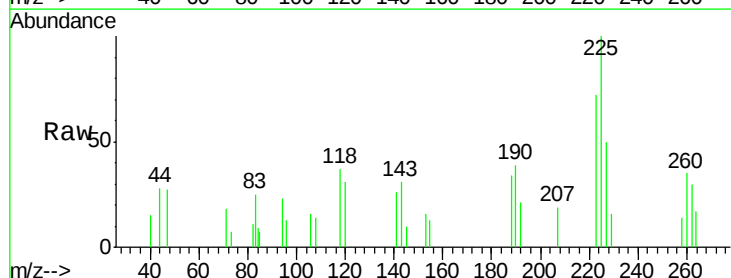


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

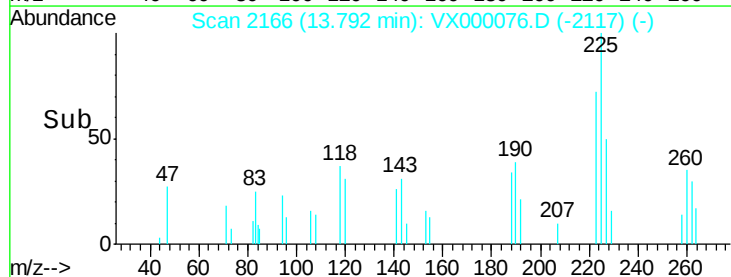
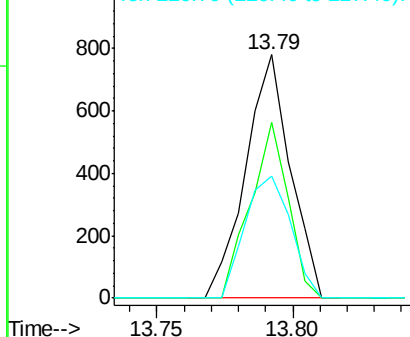


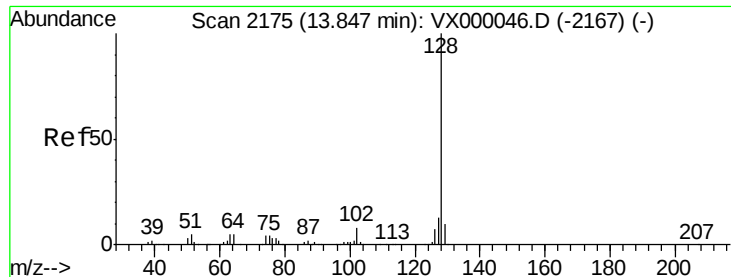
#94
 Hexachlorobutadiene
 Concen: 0.83 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000076.D
 Acq: 13 Feb 2018 15:23

Tgt Ion:225 Resp: 889
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.9 95.5
 227 51.5 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

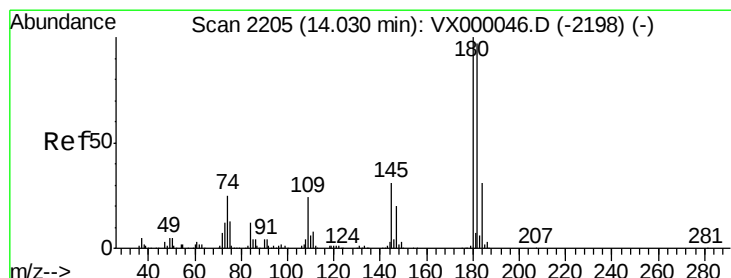
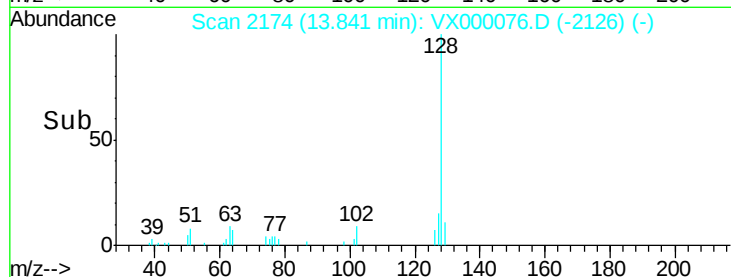
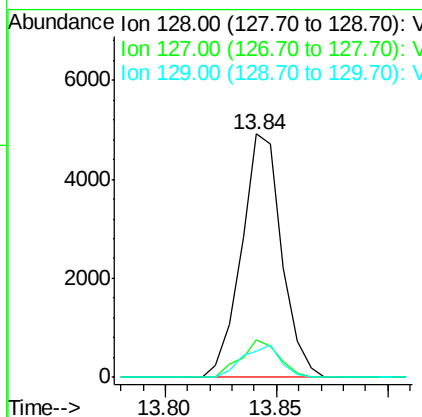
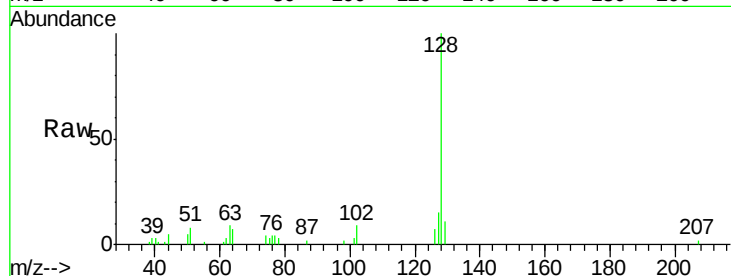




#95
Naphthalene
Concen: 0.84 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Instrument :
ClientSampled :
MDL04 0.75

Tgt Ion:128 Resp: 6178
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 12.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.81 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000076.D
Acq: 13 Feb 2018 15:23

Tgt Ion:180 Resp: 1769
Ion Ratio Lower Upper
180 100
182 89.5 47.9 143.7
145 35.3 15.7 47.0

