

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX021218\
 Data File : VX000068.D
 Acq On : 12 Feb 2018 16:20
 Operator : JC/MD
 Sample : MDL 03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL 03

Quant Time: Feb 13 02:03:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	110329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	187062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	91960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	62126	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	5.51	113	51932	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	8.73	98	190780	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	11.15	95	76656	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	2157	2.16	ug/l	100
3) Chloromethane	1.33	50	2337	2.30	ug/l	94
4) Vinyl Chloride	1.41	62	2482	2.16	ug/l	99
5) Bromomethane	1.64	94	2628	4.29	ug/l	86
6) Chloroethane	1.73	64	2447	3.55	ug/l	94
7) Trichlorofluoromethane	1.93	101	4595	2.30	ug/l	90
8) Diethyl Ether	2.20	74	1647	2.28	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2574	2.28	ug/l	89
10) Methyl Iodide	2.52	142	2028	3.13	ug/l	98
11) Tert butyl alcohol	3.08	59	5650	12.25	ug/l #	87
12) 1,1-Dichloroethene	2.39	96	2203	2.06	ug/l #	80
13) Acrolein	2.30	56	2952	12.47	ug/l	85
14) Allyl chloride	2.73	41	4218	2.26	ug/l	97
15) Acrylonitrile	3.16	53	9610	11.96	ug/l	95
16) Acetone	2.46	43	8921	13.07	ug/l	92
17) Carbon Disulfide	2.57	76	6431	2.06	ug/l	96
18) Methyl Acetate	2.79	43	4246	2.47	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	7937	2.17	ug/l	94
20) Methylene Chloride	2.87	84	2668	2.33	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	2498	2.17	ug/l	91
22) Diisopropyl ether	3.89	45	6384	2.07	ug/l #	90
23) Vinyl Acetate	3.84	43	27688	9.94	ug/l	99
24) 1,1-Dichloroethane	3.70	63	3885	2.03	ug/l	99
25) 2-Butanone	4.73	43	12459	12.10	ug/l	99
26) 2,2-Dichloropropane	4.59	77	3450	2.10	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	2281	2.02	ug/l	80
28) Bromochloromethane	5.03	49	1634	2.57	ug/l #	87
29) Tetrahydrofuran	5.18	42	8323	11.79	ug/l	96
30) Chloroform	5.23	83	4011	2.08	ug/l	100
31) Cyclohexane	5.59	56	3289	2.09	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	3764	2.07	ug/l	98
36) 1,1-Dichloropropene	5.81	75	3133	1.92	ug/l	96
37) Ethyl Acetate	4.87	43	4722	2.25	ug/l	98
38) Carbon Tetrachloride	5.81	117	3325	1.82	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	3654	1.85	ug/l	90
40) Benzene	6.16	78	8601	1.87	ug/l	98
41) Methacrylonitrile	5.07	41	2517	2.33	ug/l	94
42) 1,2-Dichloroethane	6.21	62	3071	1.87	ug/l	85
43) Isopropyl Acetate	6.48	43	6696	2.11	ug/l #	93
44) Trichloroethene	7.23	130	2661	1.87	ug/l	92
45) 1,2-Dichloropropane	7.52	63	2231	1.99	ug/l #	87
46) Dibromomethane	7.68	93	1706	1.97	ug/l	93
47) Bromodichloromethane	7.91	83	3144	1.87	ug/l #	97
48) Methyl methacrylate	7.79	41	3139	2.02	ug/l	89
49) 1,4-Dioxane	7.77	88	1634	39.41	ug/l #	94
51) 4-Methyl-2-Pentanone	8.66	43	21944	9.93	ug/l	96
52) Toluene	8.79	92	5908	1.91	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	3531	1.80	ug/l	99
54) cis-1,3-Dichloropropene	9.06	75	3328	1.74	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	2478	1.91	ug/l	96
56) Ethyl methacrylate	9.19	69	3605	1.81	ug/l	92
57) 1,3-Dichloropropane	9.38	76	4083	2.02	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	9772	9.95	ug/l	99
59) 2-Hexanone	9.51	43	18738	10.43	ug/l	95
60) Dibromochloromethane	9.59	129	2523	1.69	ug/l	96
61) 1,2-Dibromoethane	9.68	107	2596	1.82	ug/l	99
64) Tetrachloroethene	9.34	164	2177	1.66	ug/l	93
65) Chlorobenzene	10.15	112	7047	1.93	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	2324	1.77	ug/l #	65
67) Ethyl Benzene	10.26	91	11689	1.93	ug/l	96
68) m/p-Xylenes	10.37	106	8990	3.72	ug/l	97
69) o-Xylene	10.71	106	4270	1.83	ug/l	97
70) Styrene	10.72	104	6856	1.74	ug/l	95
71) Bromoform	10.87	173	1778	1.43	ug/l #	100
73) Isopropylbenzene	11.02	105	11715	2.01	ug/l	96
74) N-amyl acetate	6.48	43	6696	2.29	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.28	83	3960	1.99	ug/l	99
76) 1,2,3-Trichloropropane	11.31	75	4948	2.86	ug/l	79
77) Bromobenzene	11.26	156	2964	1.87	ug/l	90
78) n-propylbenzene	11.37	91	13931	2.06	ug/l	95
79) 2-Chlorotoluene	11.43	91	7945	2.03	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	9601	1.96	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.15	75	39503	56.44	ug/l #	11
82) 4-Chlorotoluene	11.52	91	9196	1.97	ug/l	99
83) tert-Butylbenzene	11.78	119	9910	2.01	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	10423	2.08	ug/l	89
85) sec-Butylbenzene	11.96	105	11979	1.97	ug/l	100
86) p-Isopropyltoluene	12.07	119	10769	1.97	ug/l	96
87) 1,3-Dichlorobenzene	12.04	146	5720	1.92	ug/l	97
88) 1,4-Dichlorobenzene	12.04	146	5720	1.87	ug/l	97
89) n-Butylbenzene	12.40	91	9909	1.94	ug/l	99
90) Hexachloroethane	12.60	117	1614	1.69	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	5619	1.93	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1239	2.18	ug/l	80

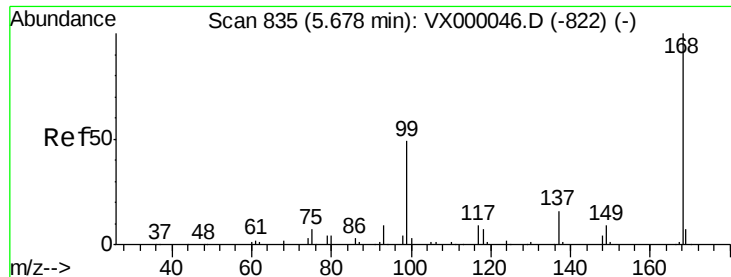
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Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	4424	1.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	1925	1.83	ug/l	98
95) Naphthalene	13.84	128	14681	2.02	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	4192	1.93	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

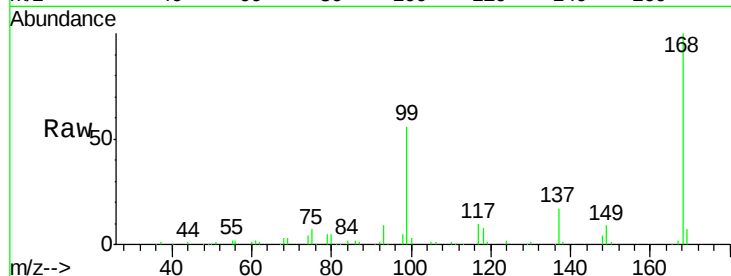
Instrument :
ClientSampled :
MDL 03

Tgt Ion:168 Resp: 110329

Ion Ratio Lower Upper

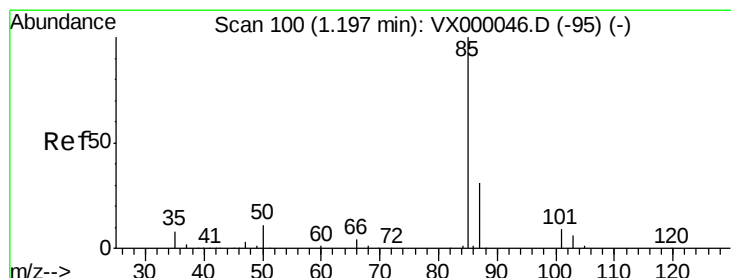
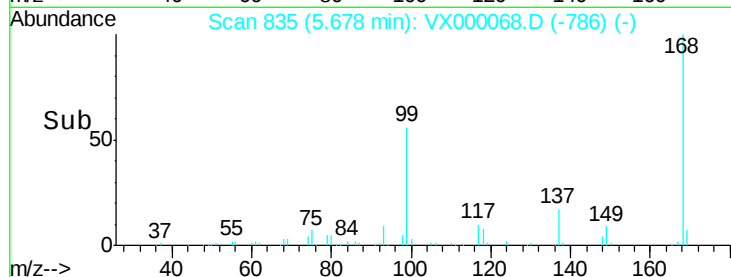
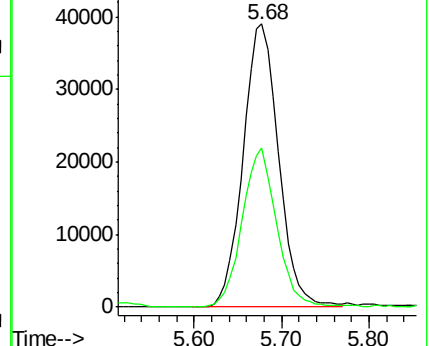
168 100

99 56.4 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: 2.16 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000068.D

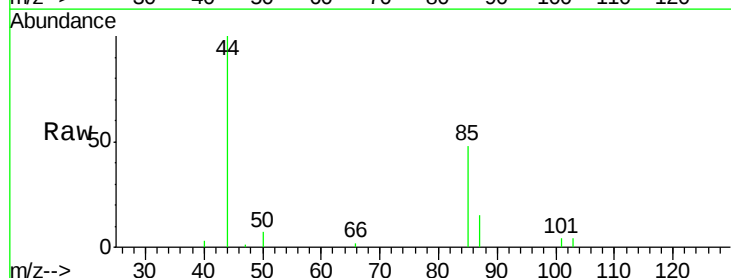
Acq: 12 Feb 2018 16:20

Tgt Ion: 85 Resp: 2157

Ion Ratio Lower Upper

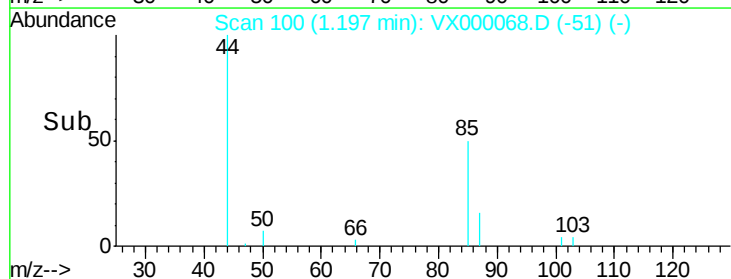
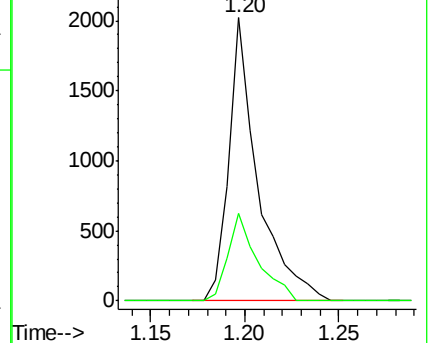
85 100

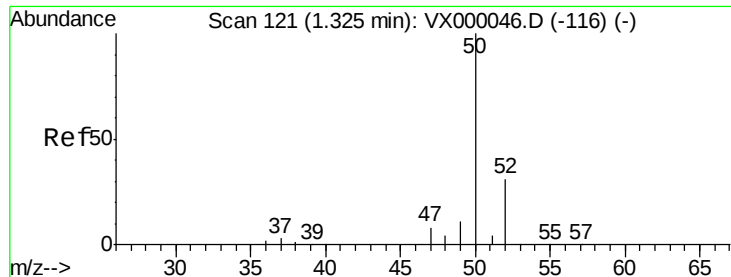
87 31.1 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 2.30 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

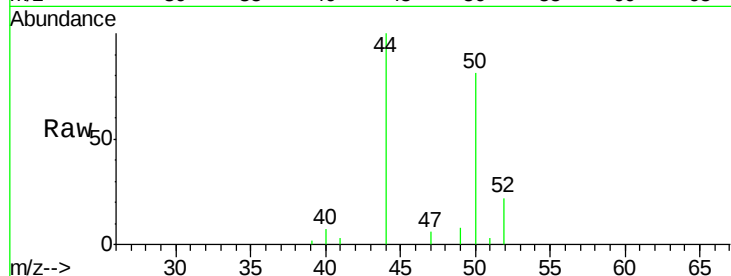
MDL 03

Tgt Ion: 50 Resp: 2337

Ion Ratio Lower Upper

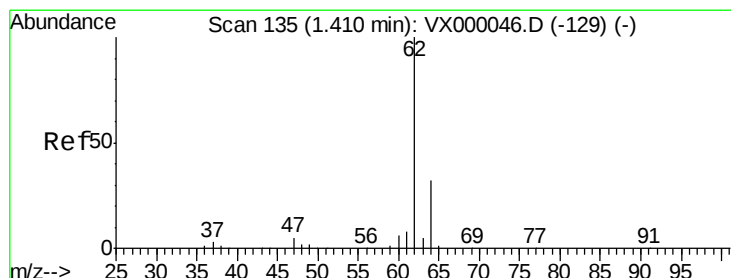
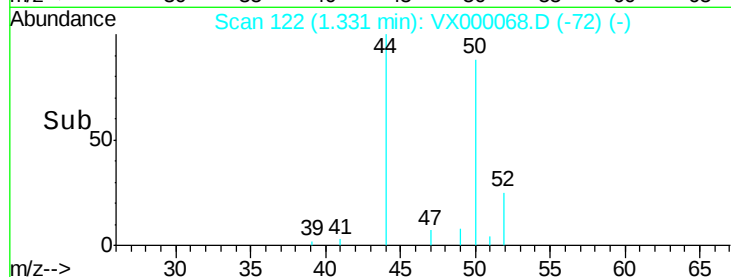
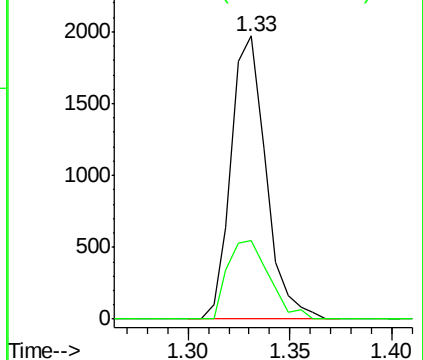
50 100

52 27.7 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.16 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000068.D

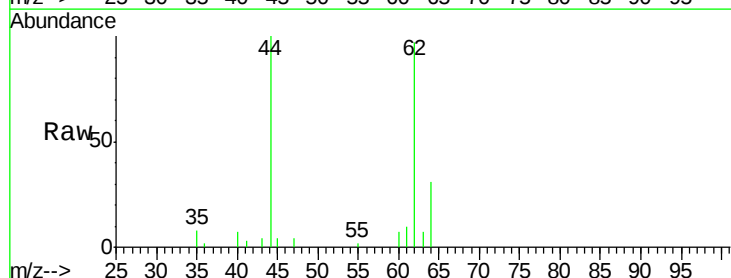
Acq: 12 Feb 2018 16:20

Tgt Ion: 62 Resp: 2482

Ion Ratio Lower Upper

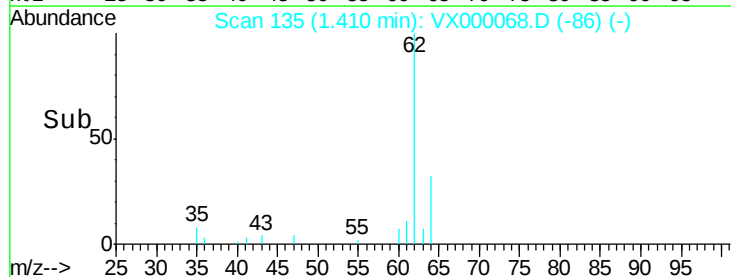
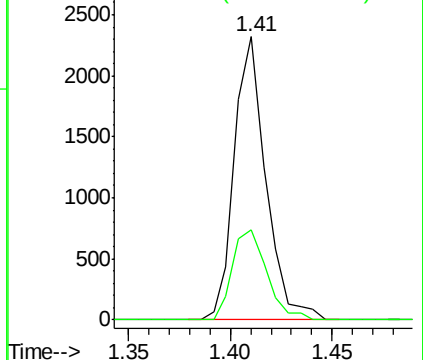
62 100

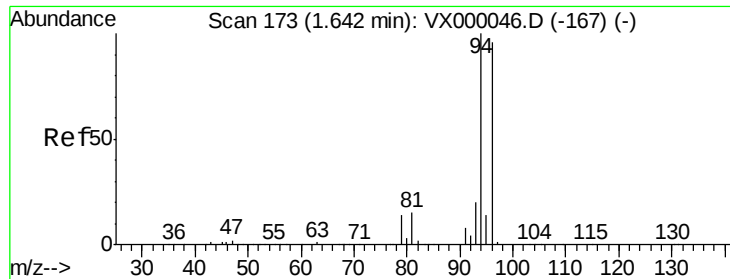
64 32.0 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.29 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

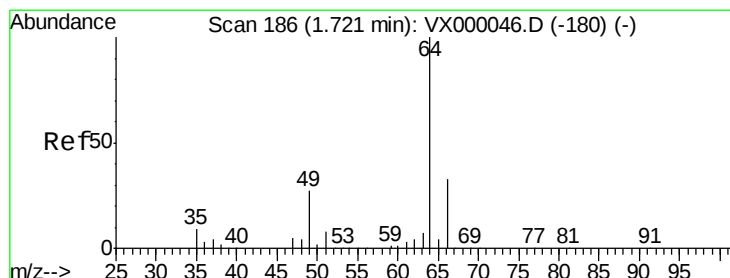
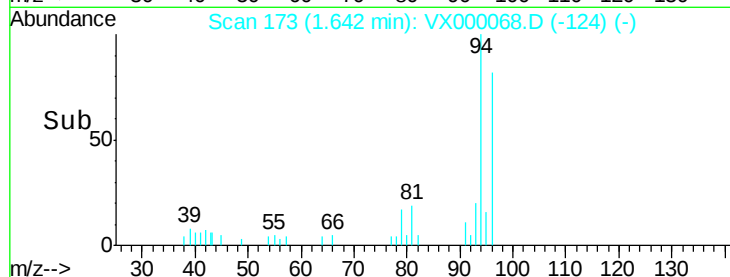
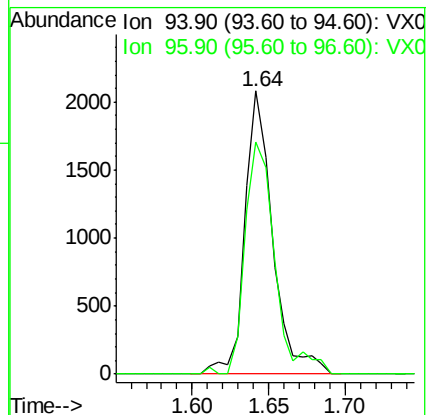
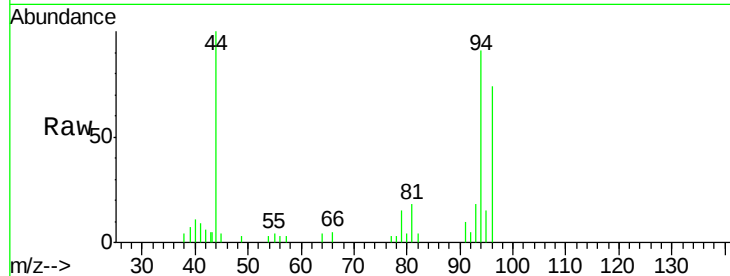
MDL 03

Tgt Ion: 94 Resp: 2628

Ion Ratio Lower Upper

94 100

96 82.0 76.7 115.1



#6

Chloroethane

Concen: 3.55 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000068.D

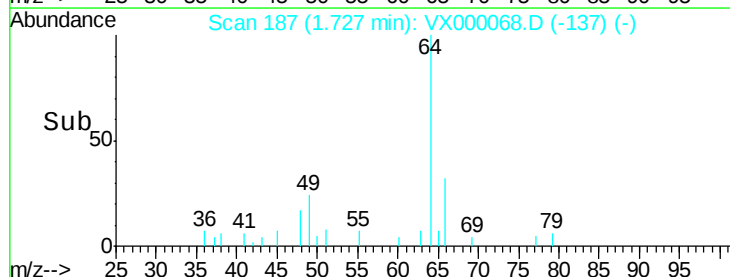
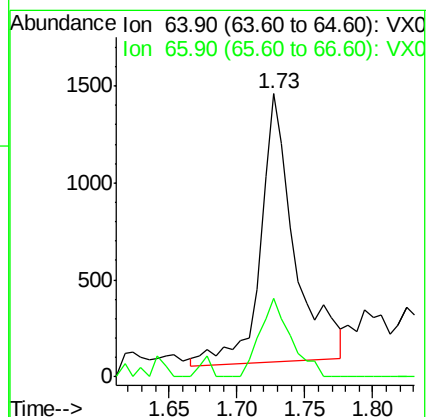
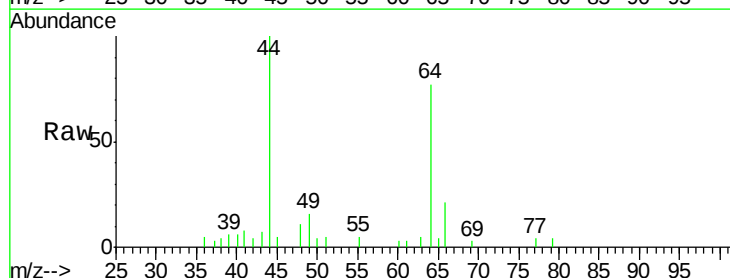
Acq: 12 Feb 2018 16:20

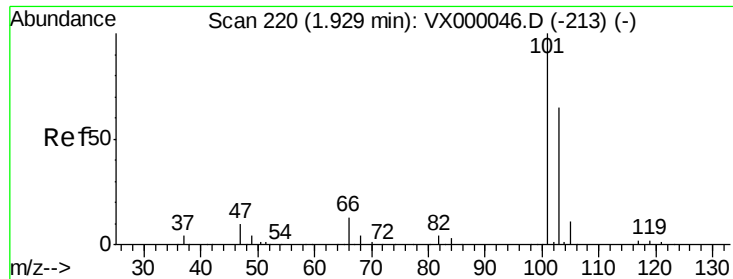
Tgt Ion: 64 Resp: 2447

Ion Ratio Lower Upper

64 100

66 29.6 26.4 39.6



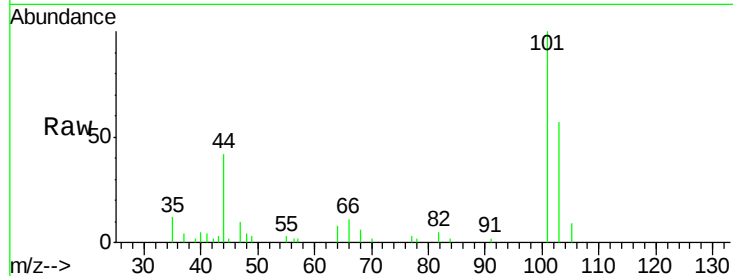


#7

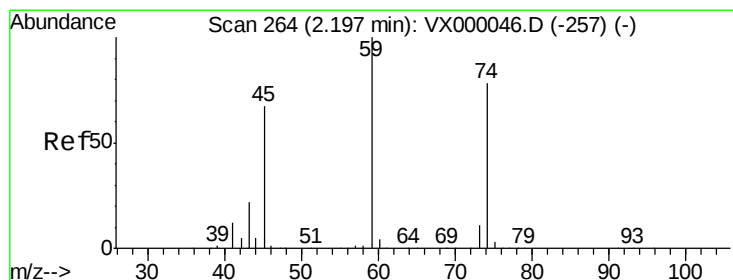
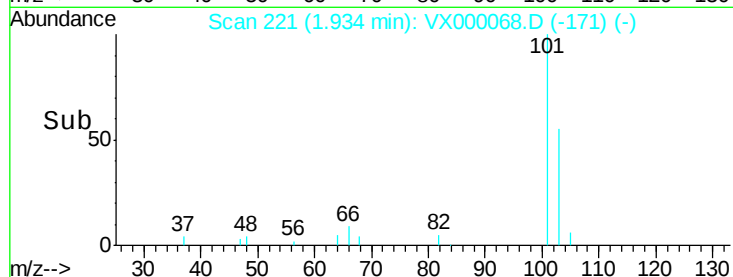
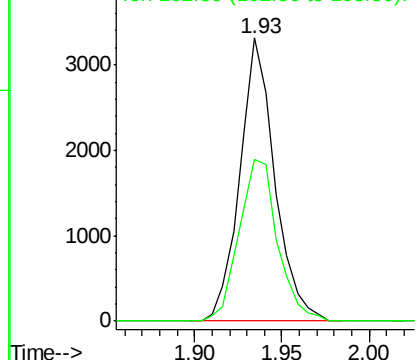
Trichlorofluoromethane
Concen: 2.30 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Instrument :
ClientSampled :
MDL 03

Tgt Ion:101 Resp: 4595
Ion Ratio Lower Upper
101 100
103 57.3 52.3 78.5



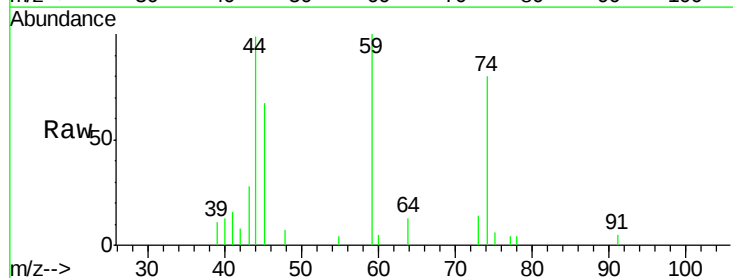
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



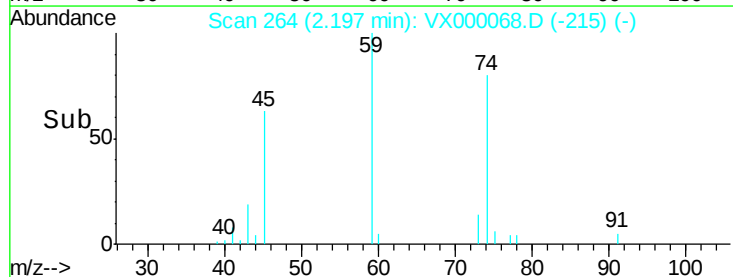
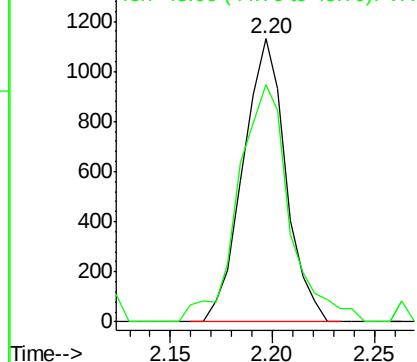
#8

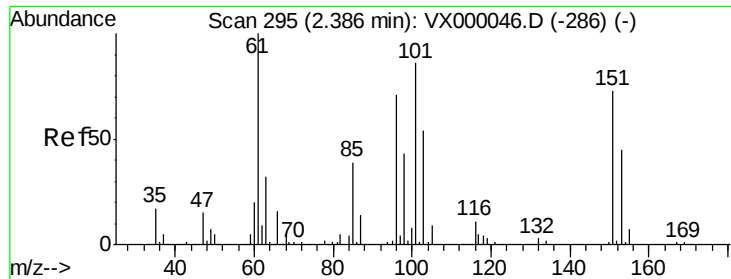
Diethyl Ether
Concen: 2.28 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 74 Resp: 1647
Ion Ratio Lower Upper
74 100
45 100.7 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: 2.28 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

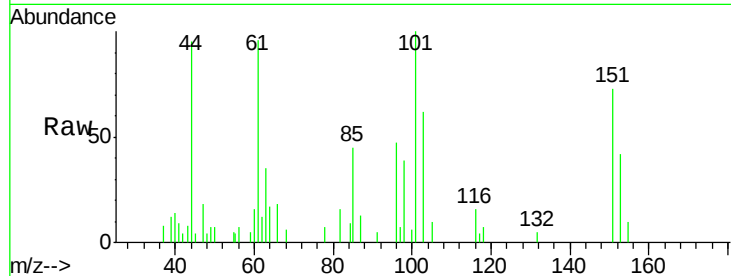
Tgt Ion:101 Resp: 2574

Ion Ratio Lower Upper

101 100

85 50.7 36.6 54.8

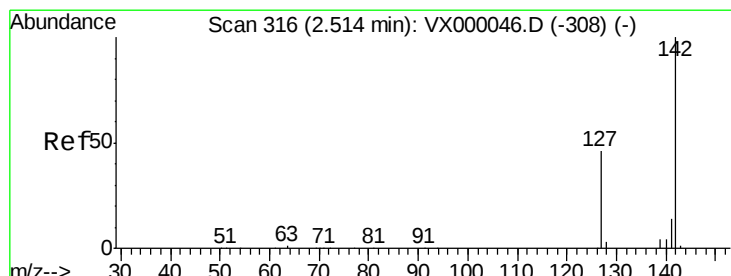
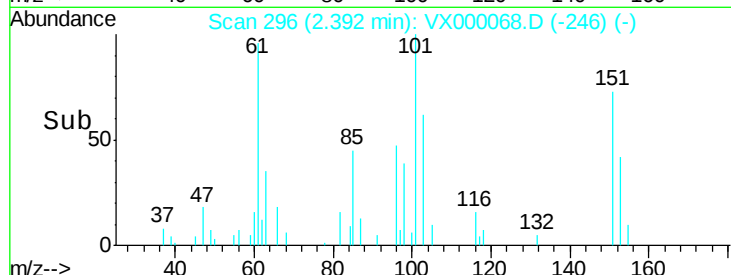
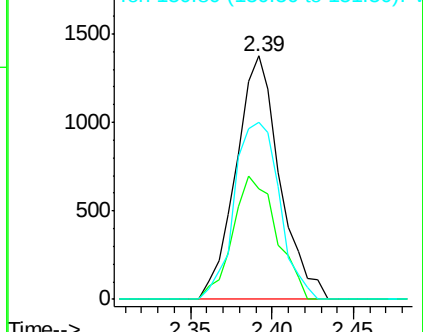
151 74.9 68.8 103.2



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: 3.13 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

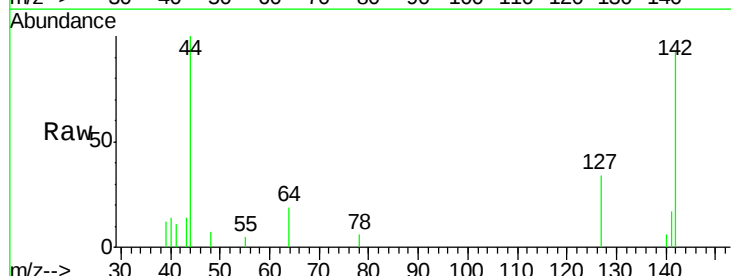
Tgt Ion:142 Resp: 2028

Ion Ratio Lower Upper

142 100

127 44.2 36.8 55.2

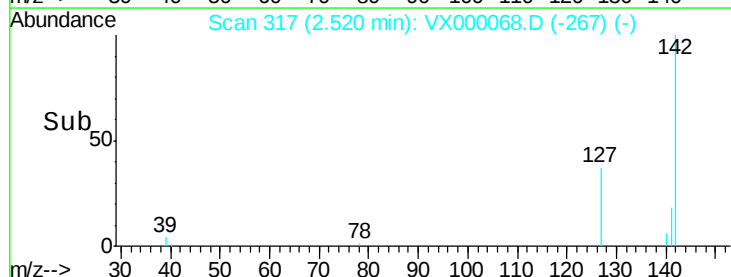
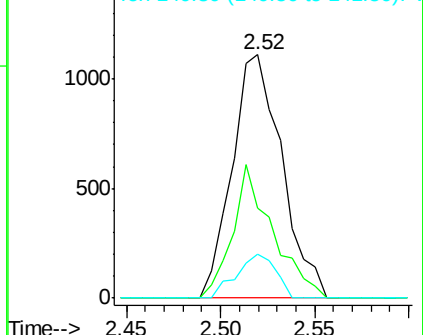
141 14.3 11.4 17.0

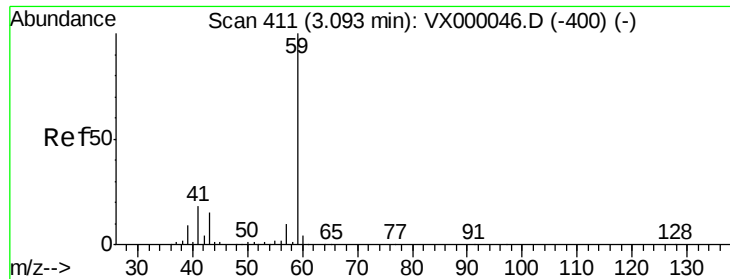


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

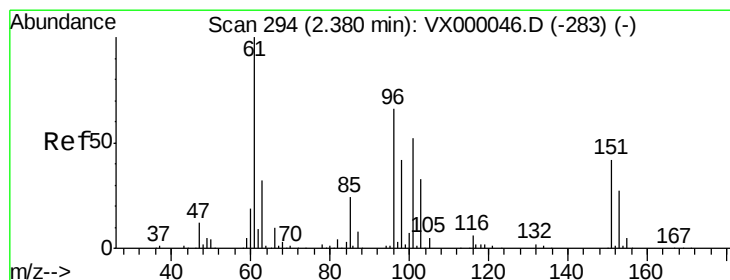
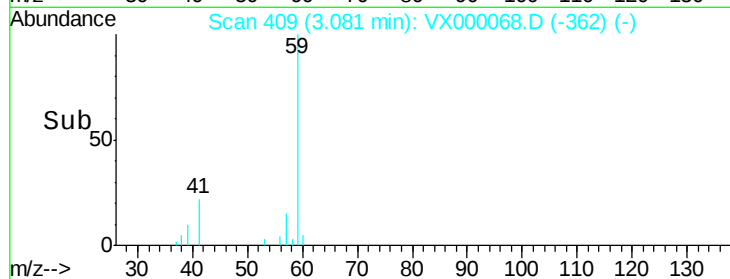
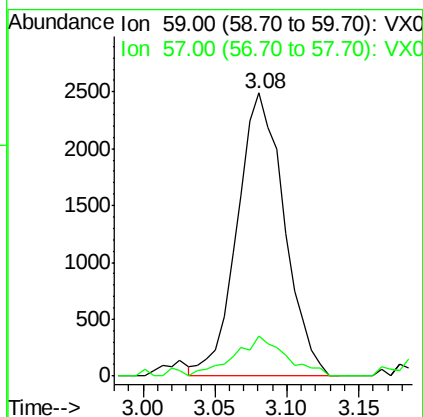
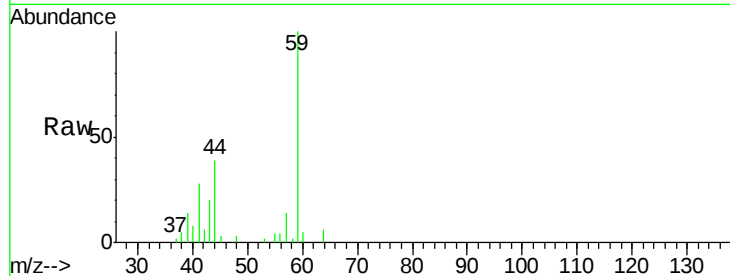




#11
Tert butyl alcohol
Concen: 12.25 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

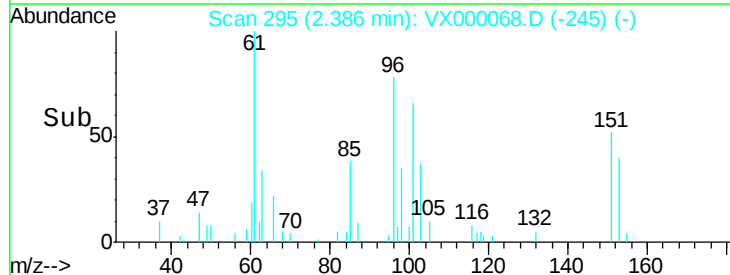
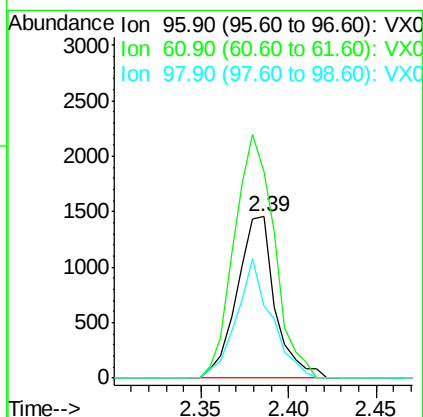
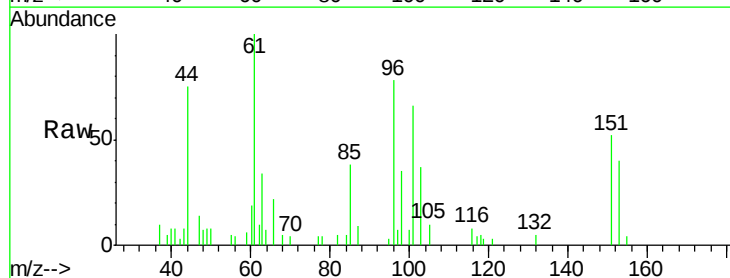
Instrument :
ClientSampled :
MDL 03

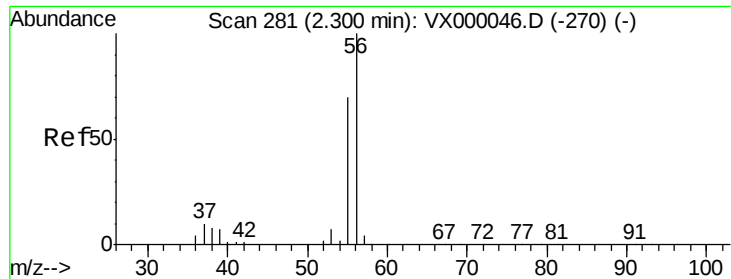
Tgt Ion: 59 Resp: 5650
Ion Ratio Lower Upper
59 100
57 15.4 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 2.06 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 96 Resp: 2203
Ion Ratio Lower Upper
96 100
61 127.8 120.3 180.5
98 44.9 51.0 76.4#





#13

Acrolein

Concen: 12.47 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

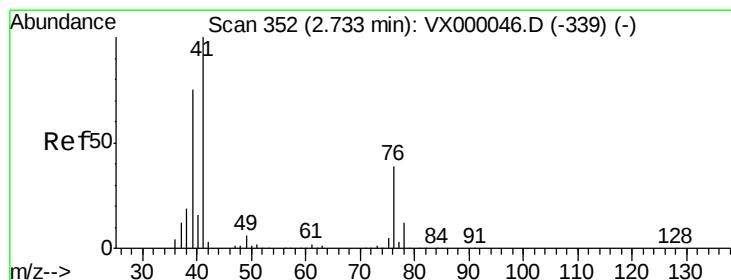
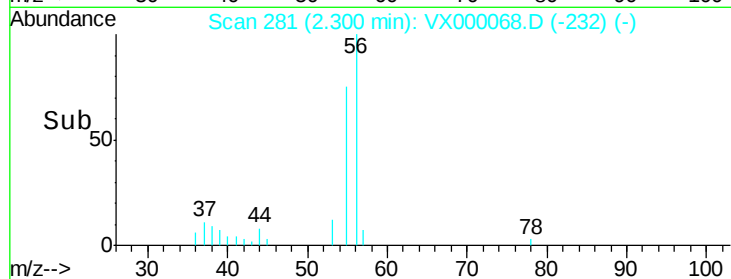
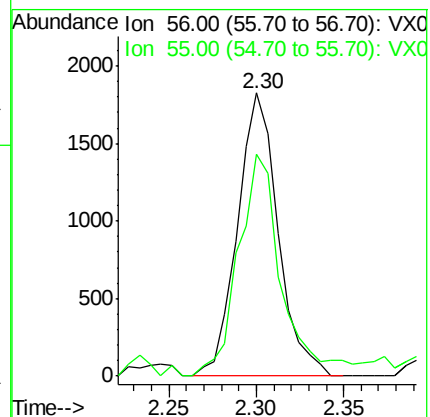
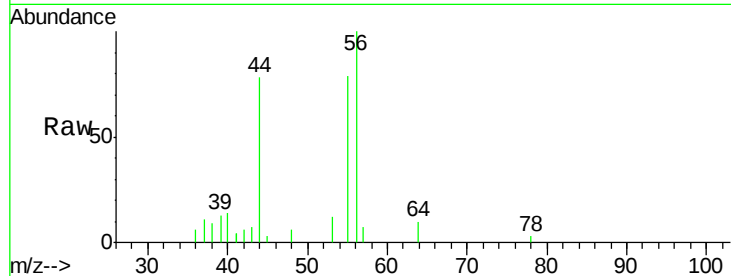
MDL 03

Tgt Ion: 56 Resp: 2952

Ion Ratio Lower Upper

56 100

55 83.3 56.4 84.6



#14

Allyl chloride

Concen: 2.26 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

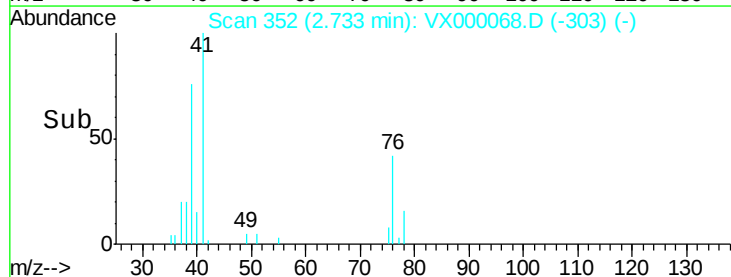
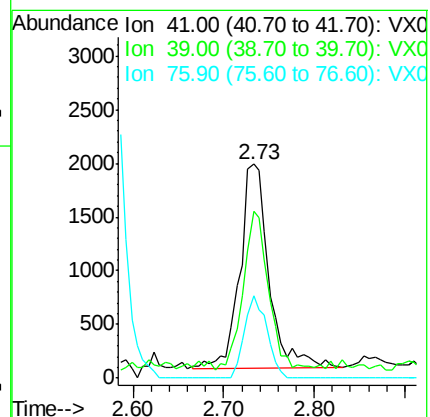
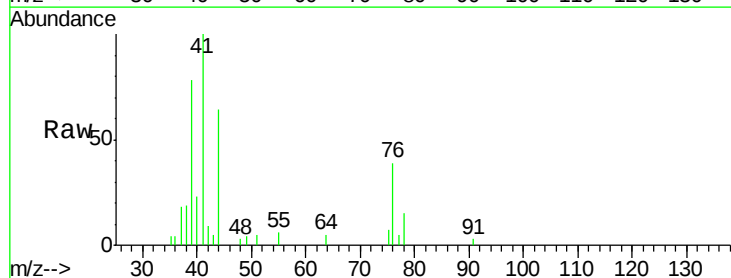
Tgt Ion: 41 Resp: 4218

Ion Ratio Lower Upper

41 100

39 68.8 55.8 83.6

76 31.1 28.7 43.1





#15

Acrylonitrile

Concen: 11.96 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

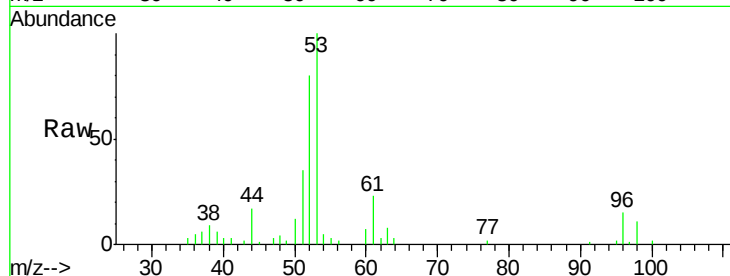
Tgt Ion: 53 Resp: 9610

Ion Ratio Lower Upper

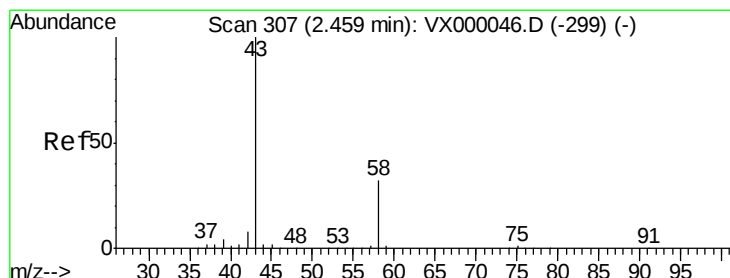
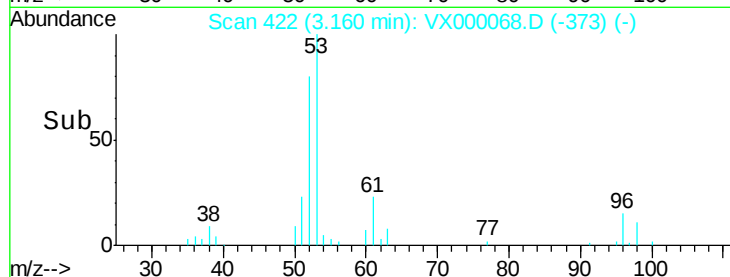
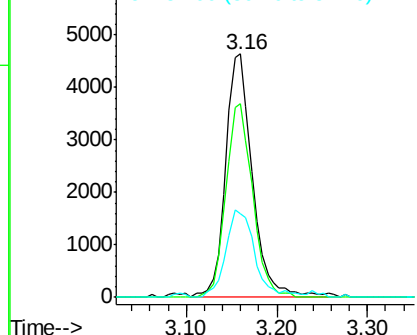
53 100

52 78.6 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: 13.07 ug/l

RT: 2.46 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX000068.D

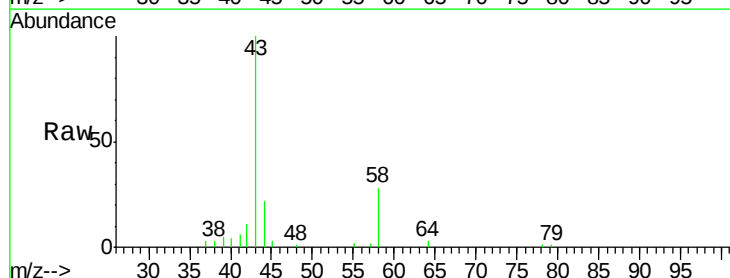
Acq: 12 Feb 2018 16:20

Tgt Ion: 43 Resp: 8921

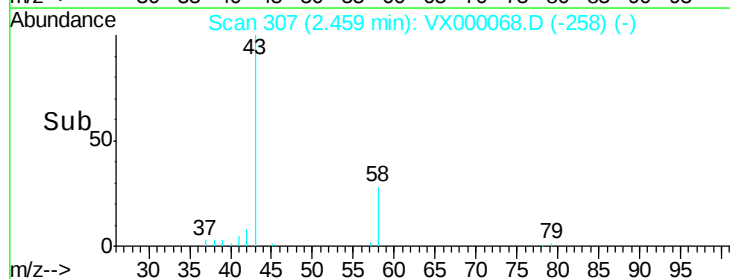
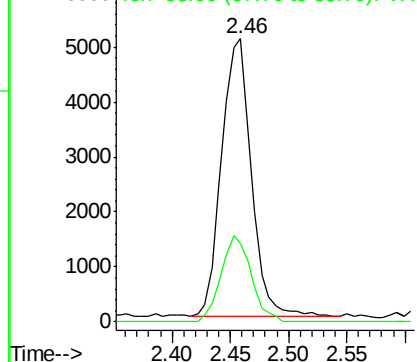
Ion Ratio Lower Upper

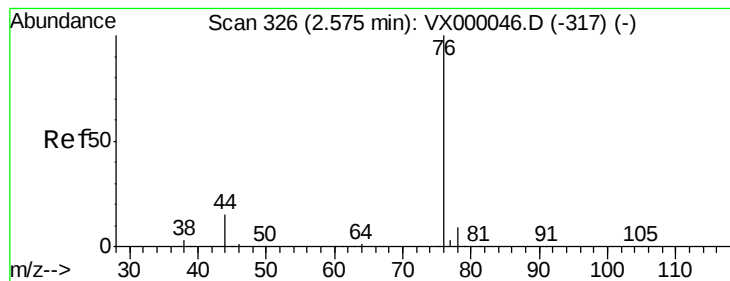
43 100

58 28.2 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: 2.06 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

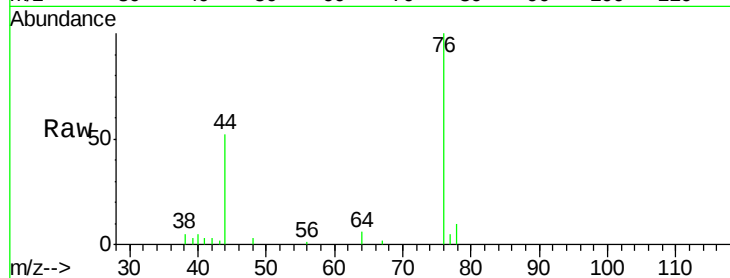
MDL 03

Tgt Ion: 76 Resp: 6431

Ion Ratio Lower Upper

76 100

78 7.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

4000

3000

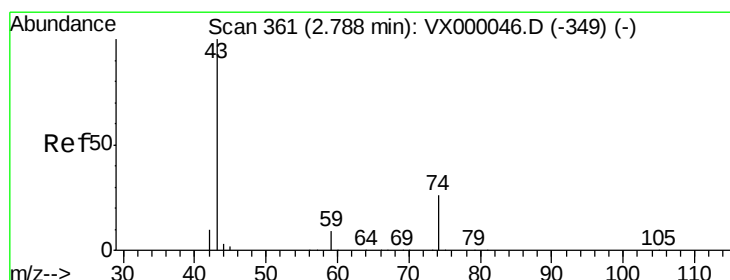
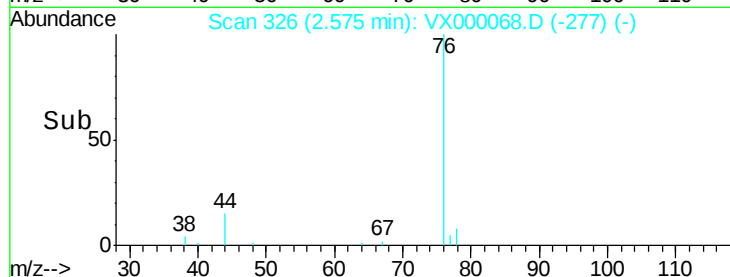
2000

1000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 2.47 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000068.D

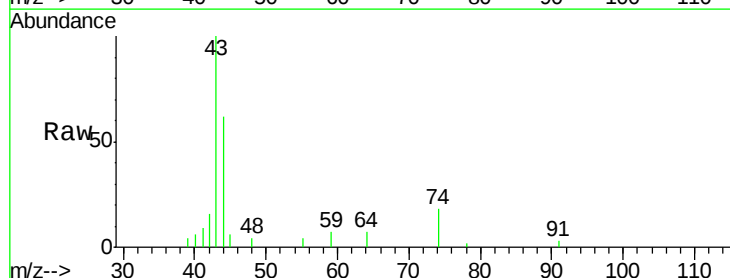
Acq: 12 Feb 2018 16:20

Tgt Ion: 43 Resp: 4246

Ion Ratio Lower Upper

43 100

74 24.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

2500

2000

1500

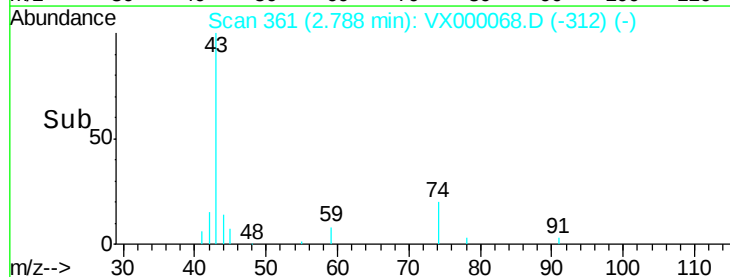
1000

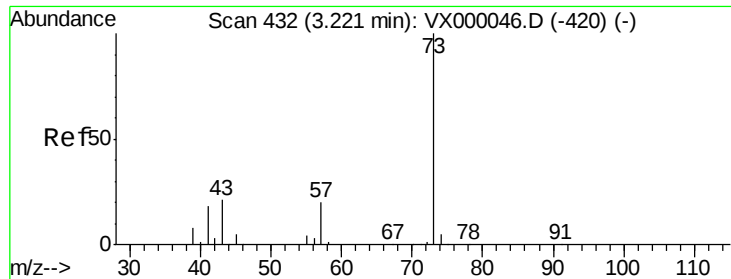
500

0

Time-->

2.70 2.75 2.80 2.85

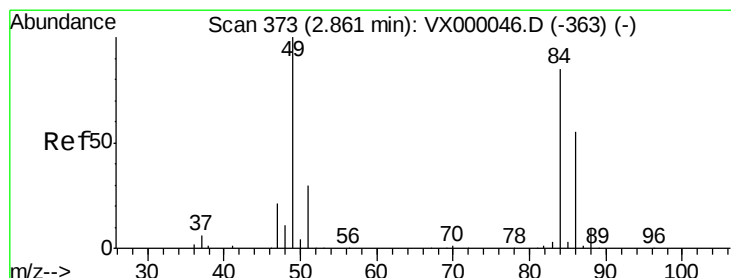
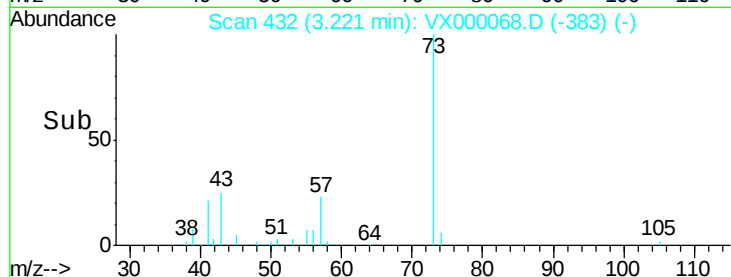
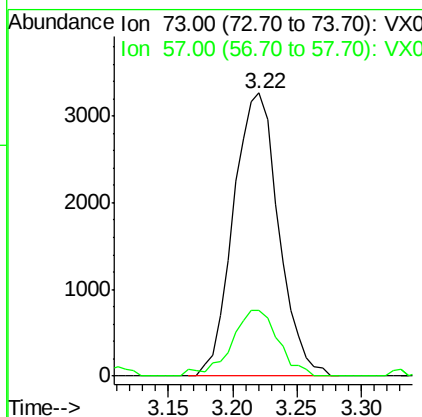
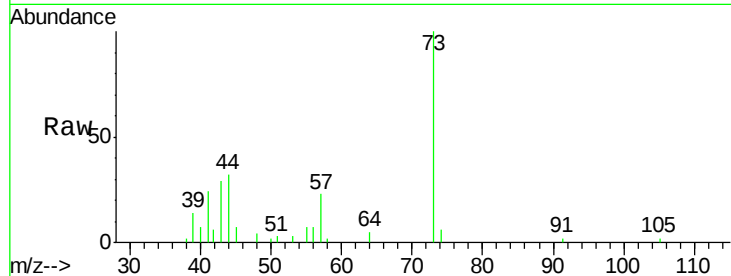




#19
Methyl tert-butyl Ether
Concen: 2.17 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

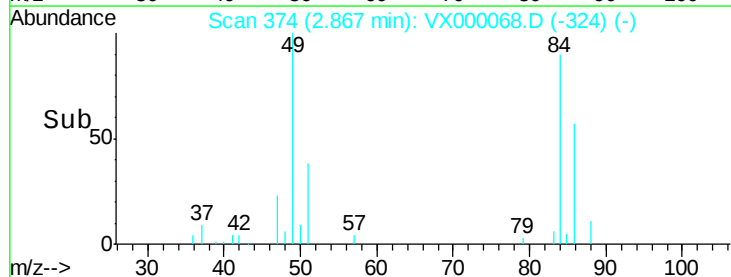
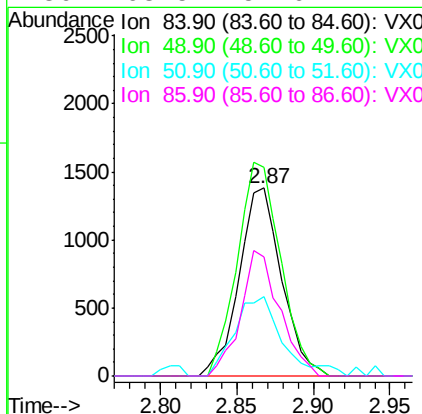
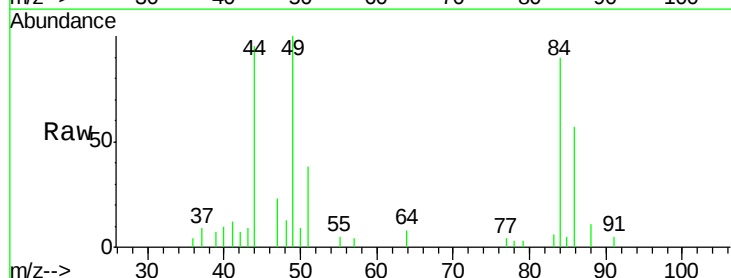
Instrument :
ClientSampled :
MDL 03

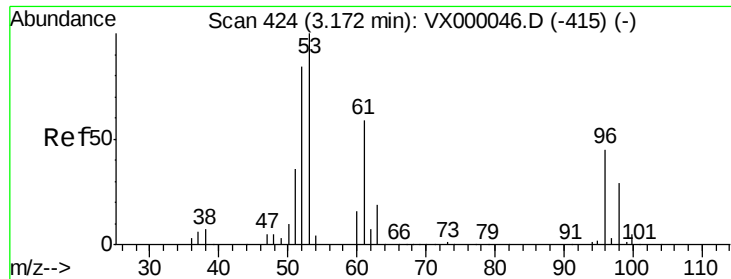
Tgt Ion: 73 Resp: 7937
Ion Ratio Lower Upper
73 100
57 23.1 16.2 24.4



#20
Methylene Chloride
Concen: 2.33 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 84 Resp: 2668
Ion Ratio Lower Upper
84 100
49 110.9 94.4 141.6
51 42.2 28.3 42.5
86 63.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 2.17 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

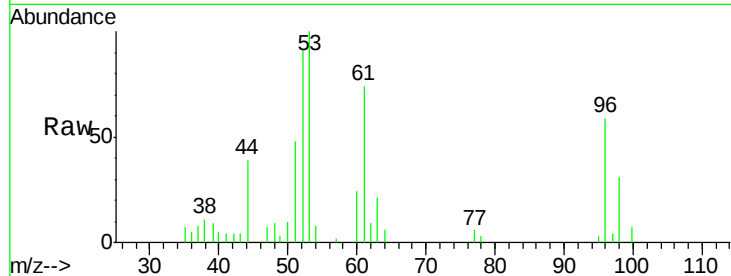
Tgt Ion: 96 Resp: 2498

Ion Ratio Lower Upper

96 100

61 124.8 104.9 157.3

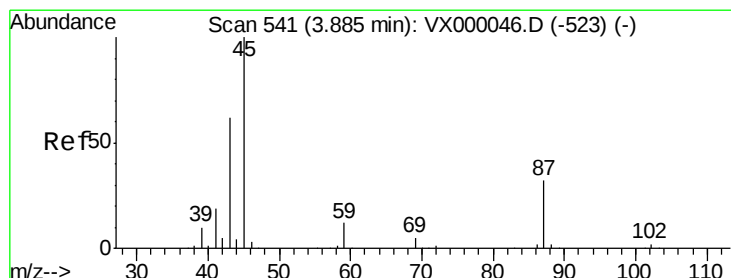
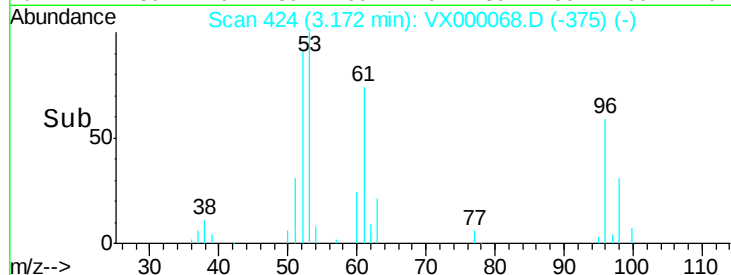
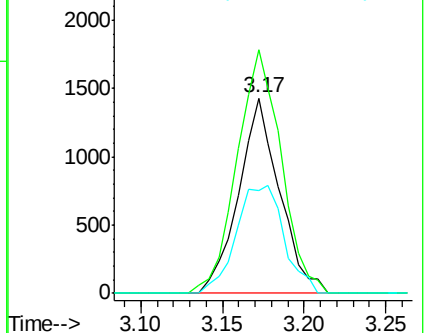
98 52.6 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.07 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Tgt Ion: 45 Resp: 6384

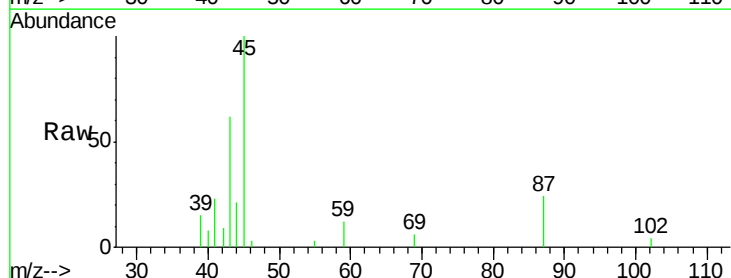
Ion Ratio Lower Upper

45 100

43 55.3 49.6 74.4

87 23.7 25.9 38.9#

59 12.1 9.2 13.8

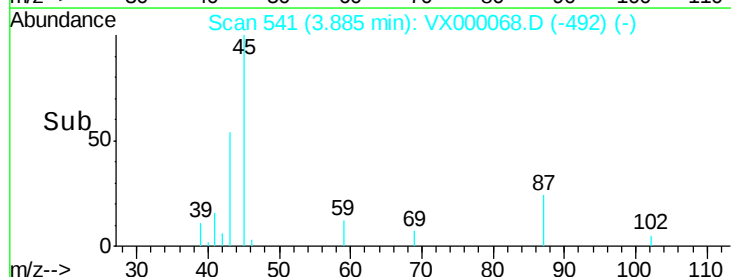
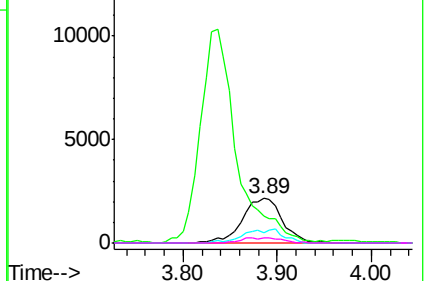


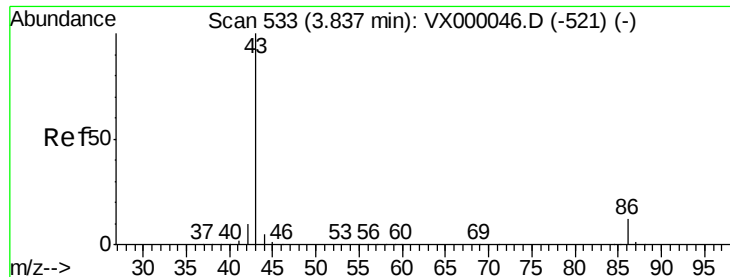
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 9.94 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

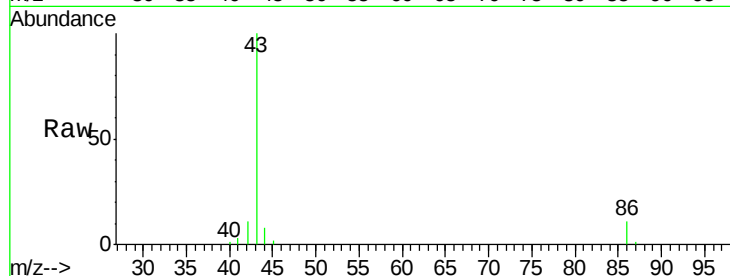
MDL 03

Tgt Ion: 43 Resp: 27688

Ion Ratio Lower Upper

43 100

86 11.3 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

12000

10000

8000

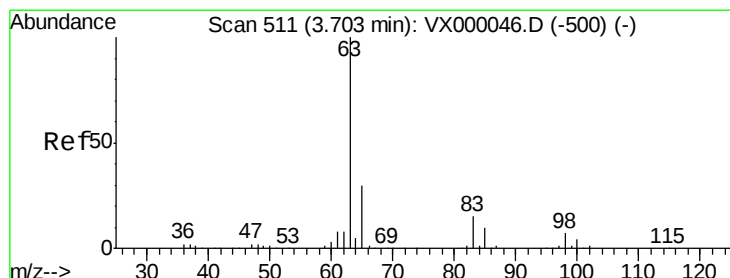
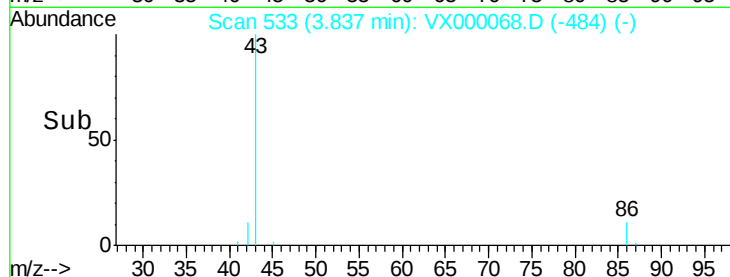
6000

4000

2000

0

Time--> 3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 2.03 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

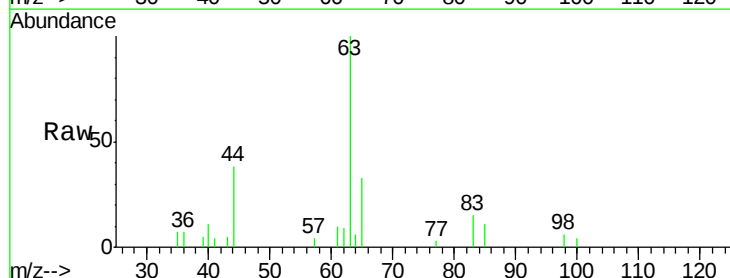
Tgt Ion: 63 Resp: 3885

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

2000

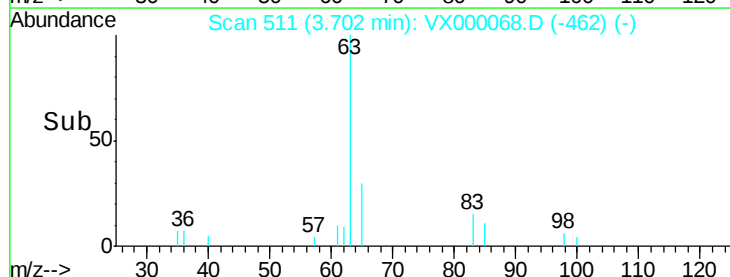
1500

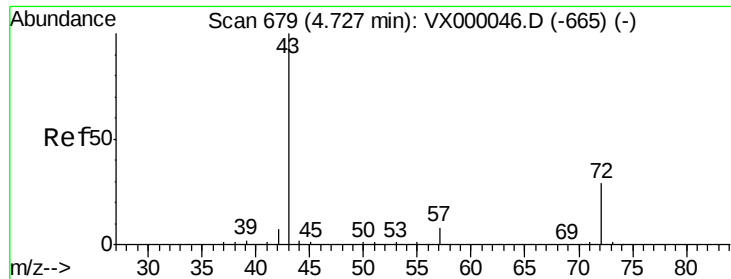
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#25

2-Butanone

Concen: 12.10 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

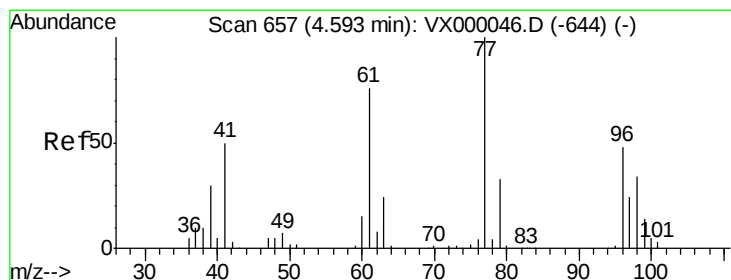
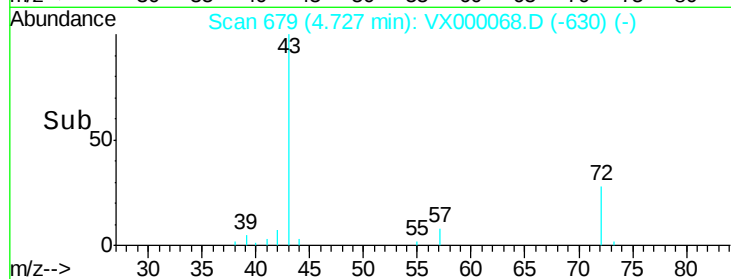
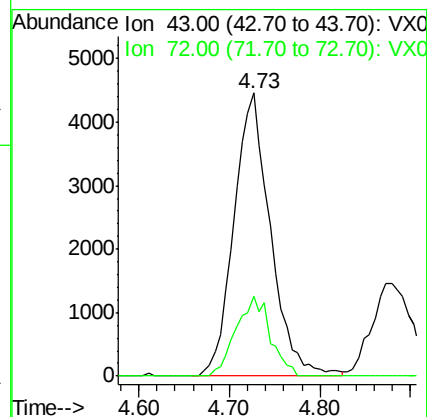
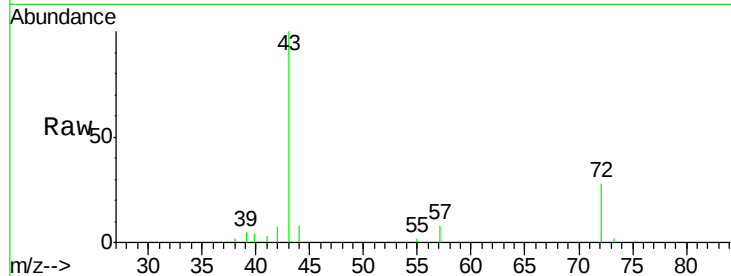
MDL 03

Tgt Ion: 43 Resp: 12459

Ion Ratio Lower Upper

43 100

72 28.1 23.0 34.6



#26

2,2-Dichloropropane

Concen: 2.10 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000068.D

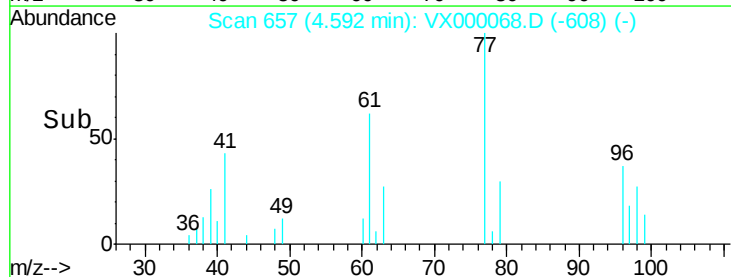
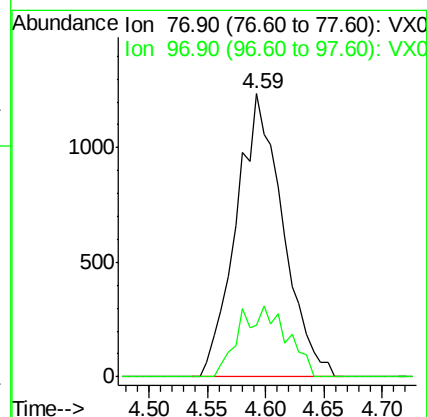
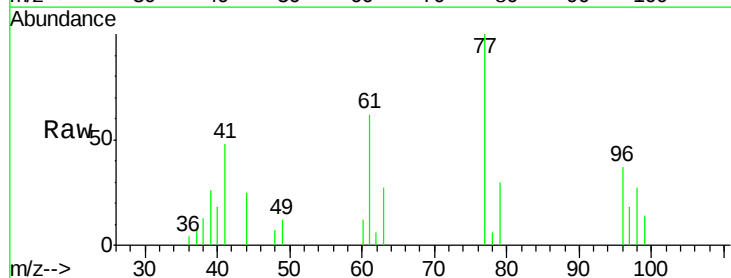
Acq: 12 Feb 2018 16:20

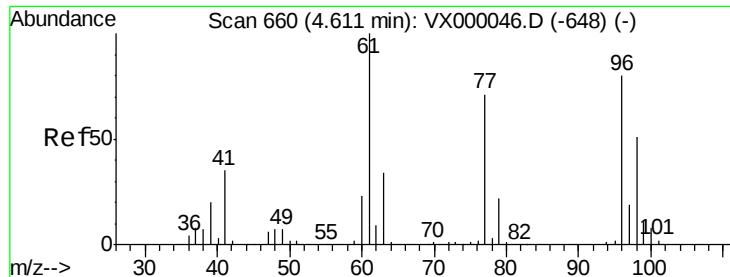
Tgt Ion: 77 Resp: 3450

Ion Ratio Lower Upper

77 100

97 25.4 11.8 35.4



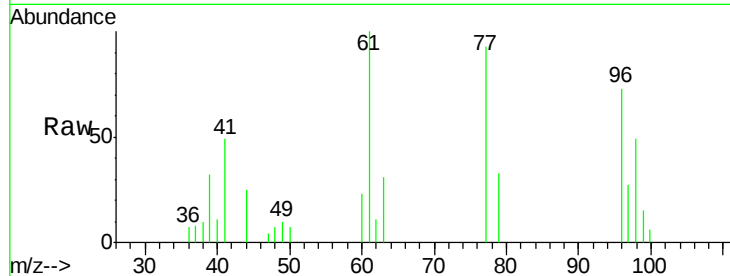


#27

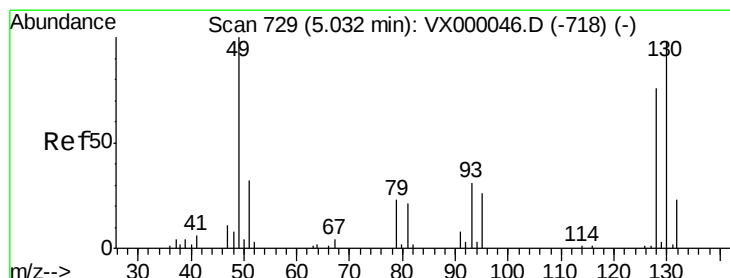
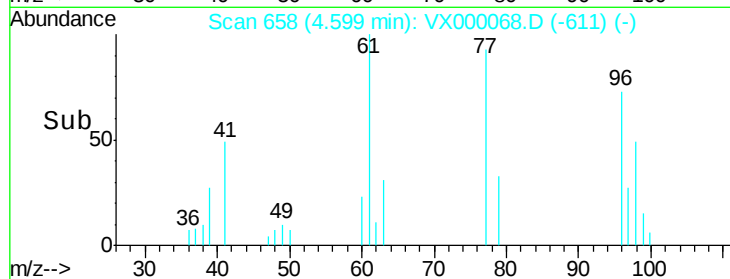
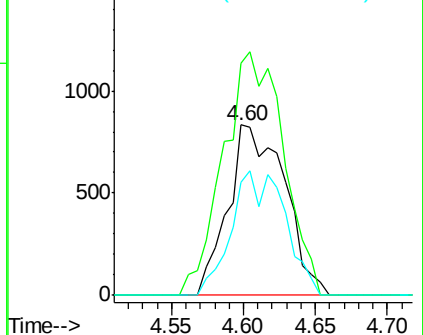
cis-1,2-Dichloroethene
Concen: 2.02 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Instrument :
ClientSampled :
MDL 03

Tgt Ion: 96 Resp: 2281
Ion Ratio Lower Upper
96 100
61 151.5 0.0 274.4
98 37.6 0.0 132.4



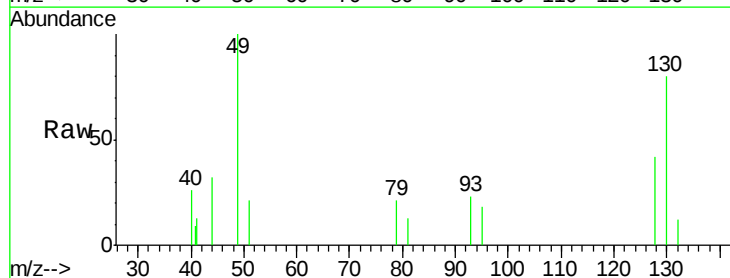
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



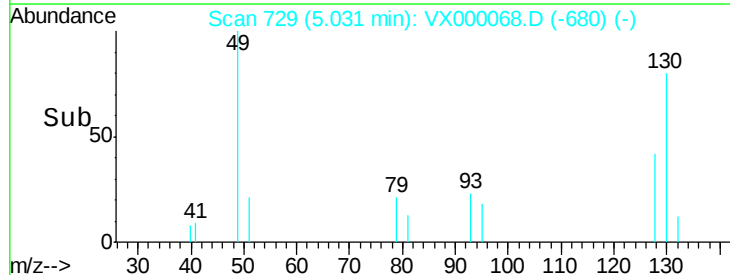
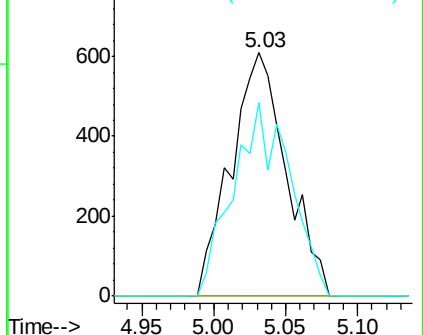
#28

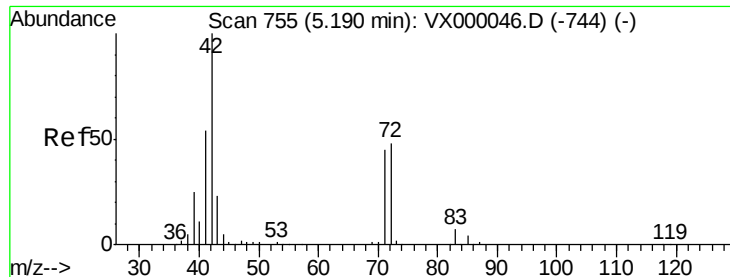
Bromochloromethane
Concen: 2.57 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 49 Resp: 1634
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 81.3 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

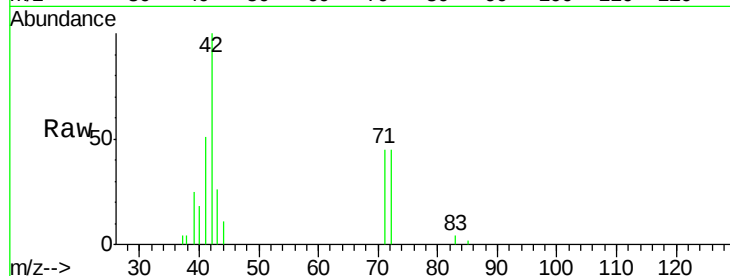




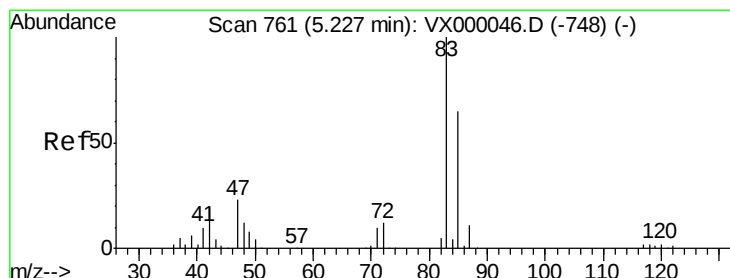
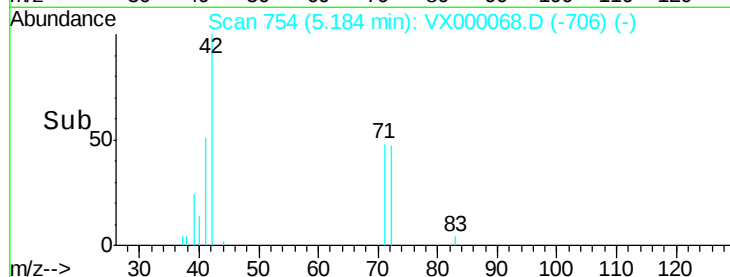
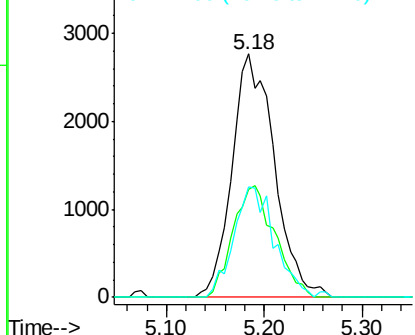
#29
Tetrahydrofuran
Concen: 11.79 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Instrument :
ClientSampled :
MDL 03

Tgt Ion: 42 Resp: 8323
Ion Ratio Lower Upper
42 100
72 45.5 39.0 58.6
71 43.3 36.7 55.1

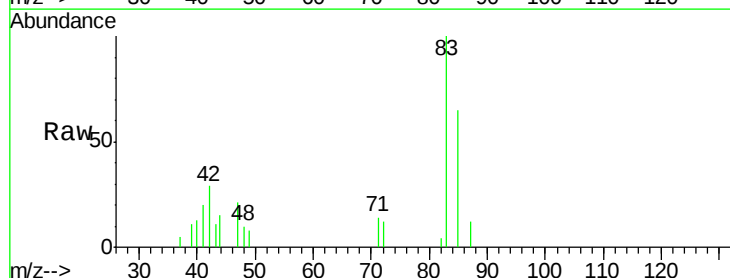


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

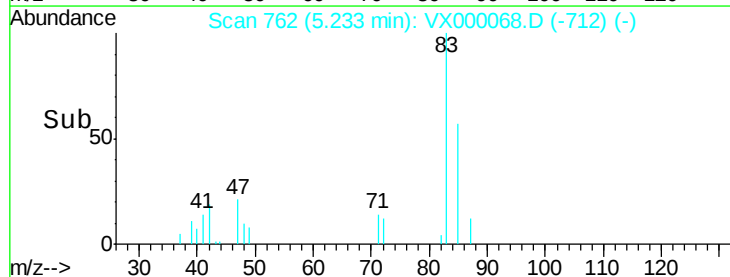
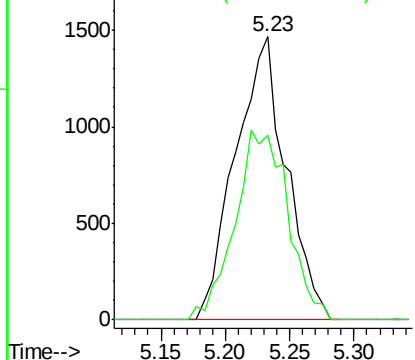


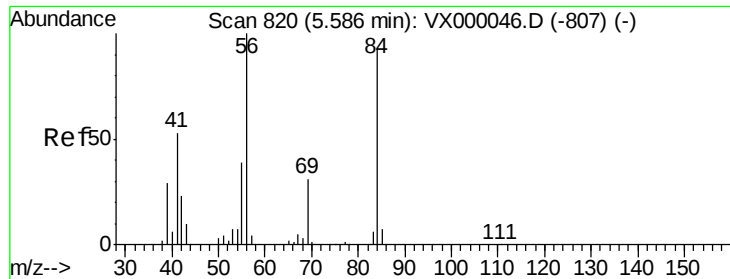
#30
Chloroform
Concen: 2.08 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 83 Resp: 4011
Ion Ratio Lower Upper
83 100
85 65.2 51.9 77.9



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

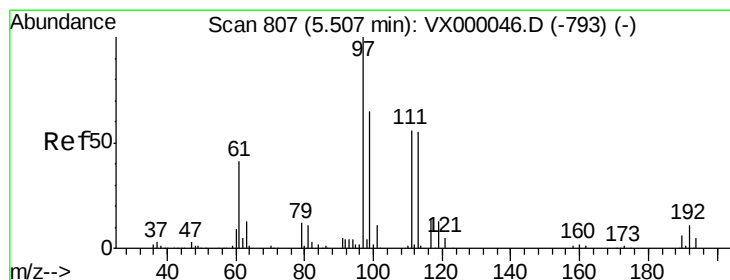
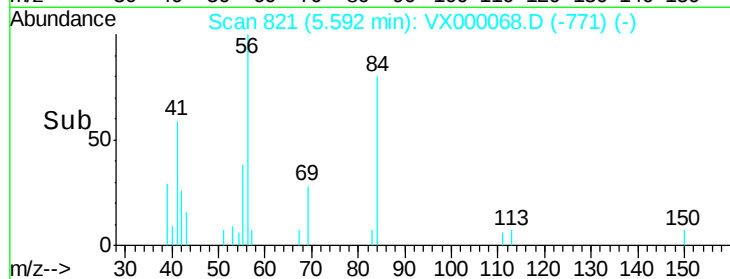
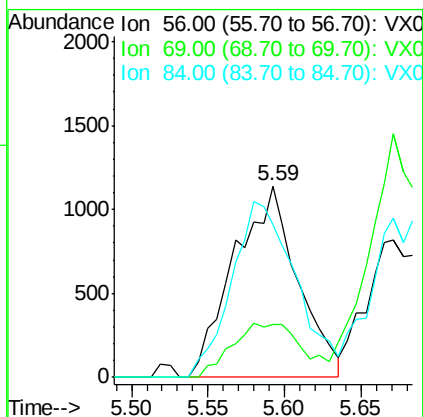
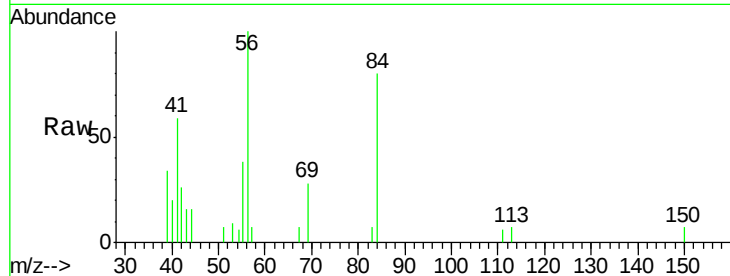




#31
Cyclohexane
Concen: 2.09 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

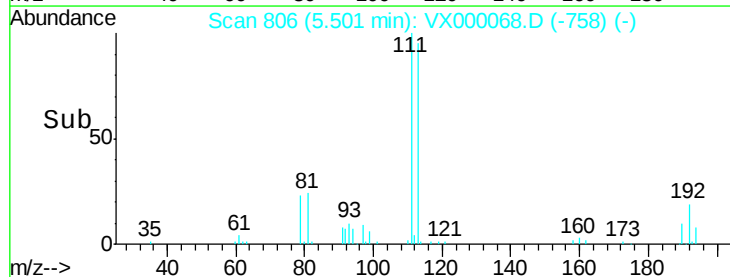
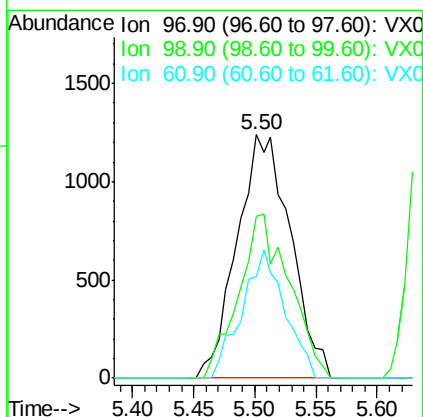
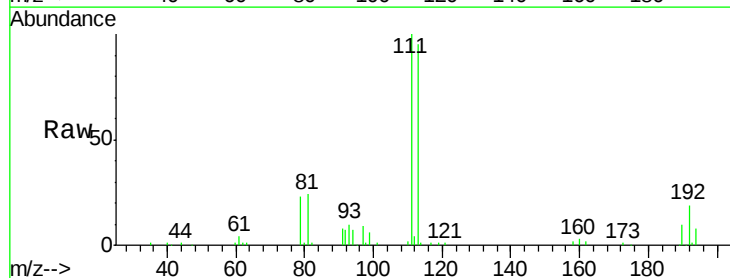
Instrument :
ClientSampled :
MDL 03

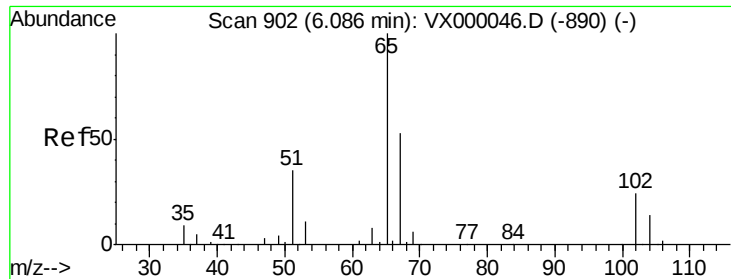
Tgt Ion: 56 Resp: 3289
Ion Ratio Lower Upper
56 100
69 27.7 24.5 36.7
84 79.9 74.8 112.2



#32
1,1,1-Trichloroethane
Concen: 2.07 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 97 Resp: 3764
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.4 32.1 48.1

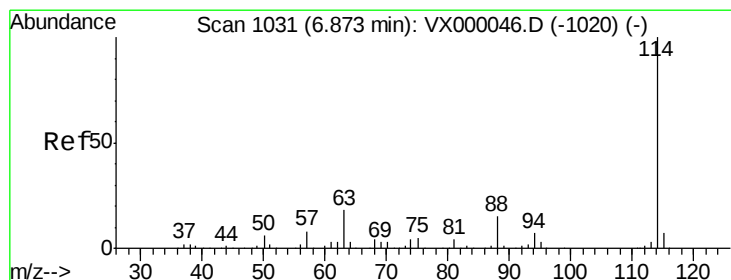
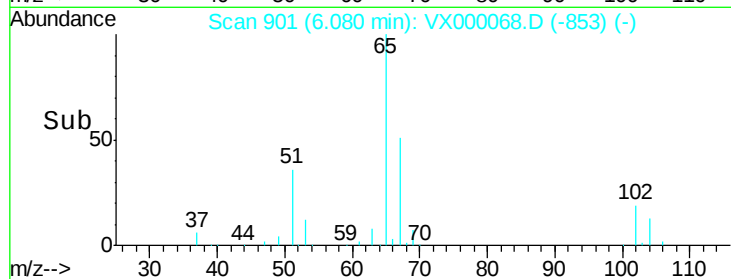
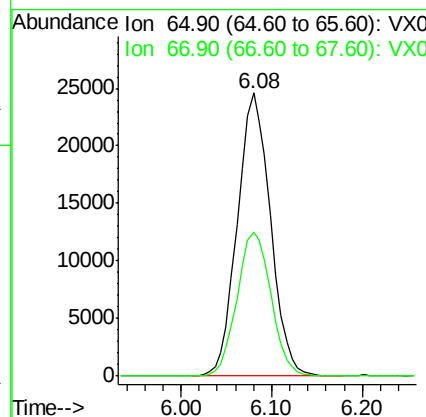
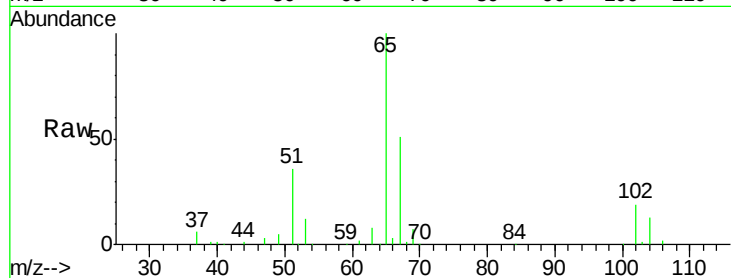




#33
 1,2-Dichloroethane-d4
 Concen: 53.89 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

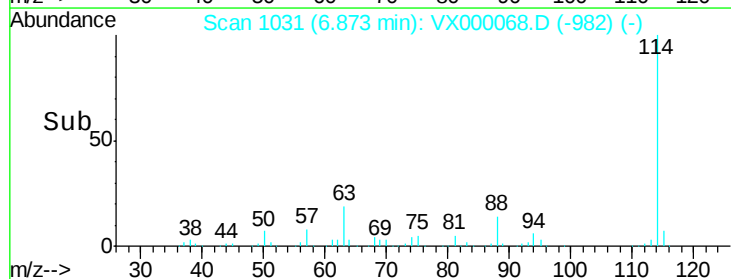
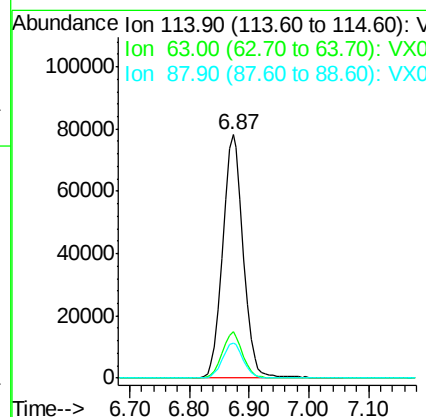
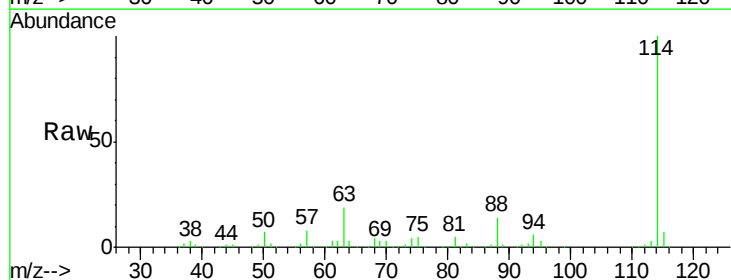
Instrument :
 ClientSampled :
 MDL 03

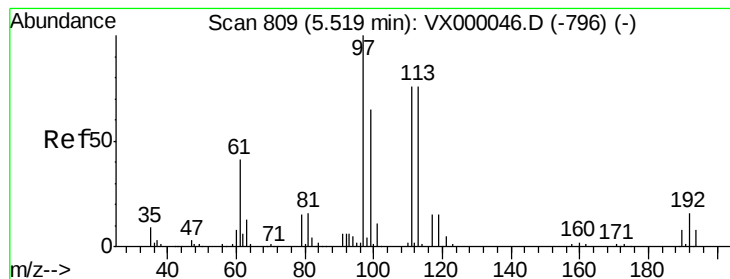
Tgt Ion: 65 Resp: 62126
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

Tgt Ion: 114 Resp: 187062
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.0
 88 14.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.55 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

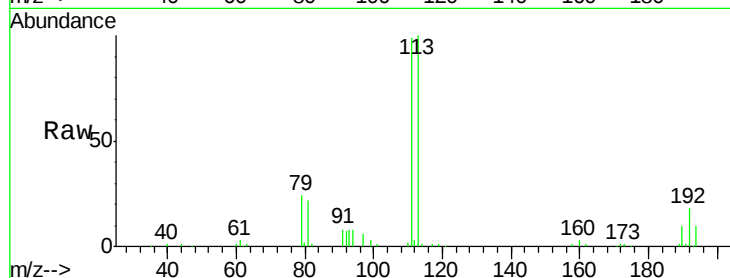
Tgt Ion:113 Resp: 51932

Ion Ratio Lower Upper

113 100

111 102.3 80.5 120.7

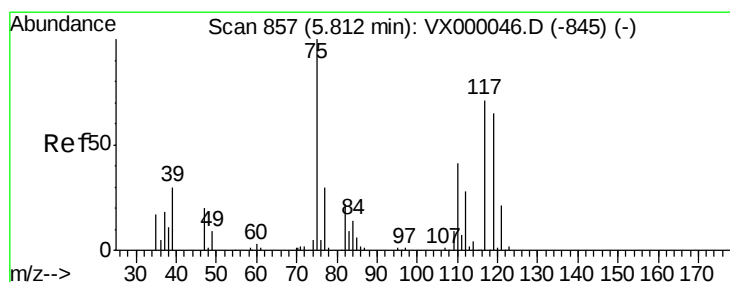
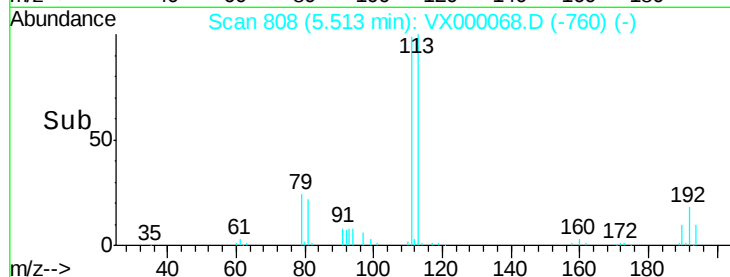
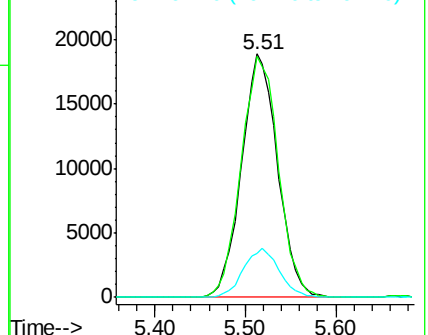
192 20.0 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.92 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

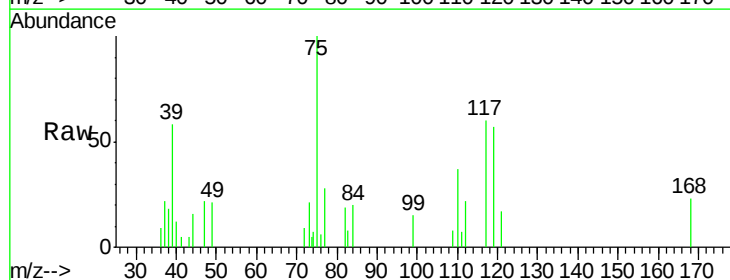
Tgt Ion: 75 Resp: 3133

Ion Ratio Lower Upper

75 100

110 35.3 19.4 58.4

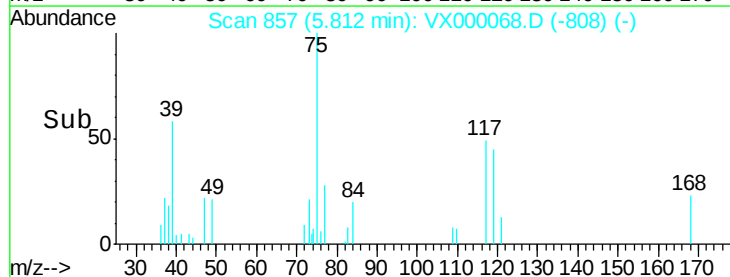
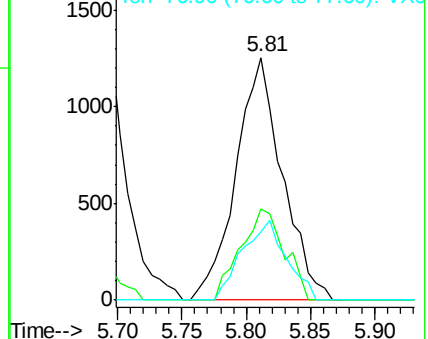
77 31.2 24.2 36.4

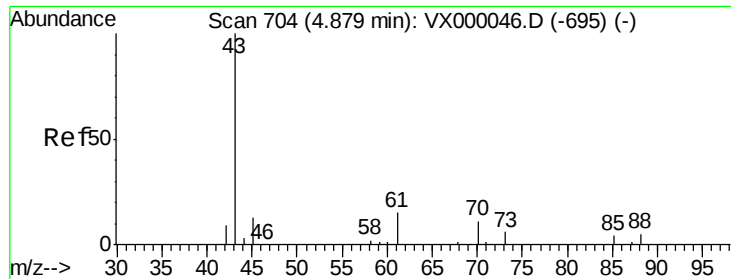


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

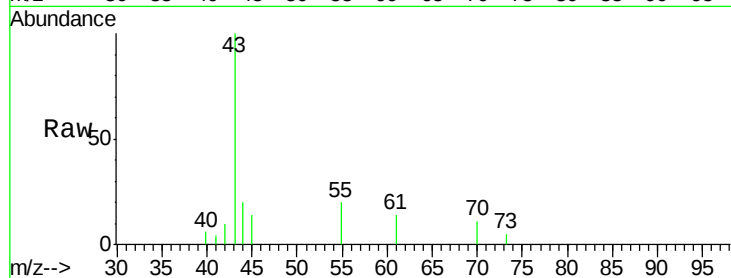




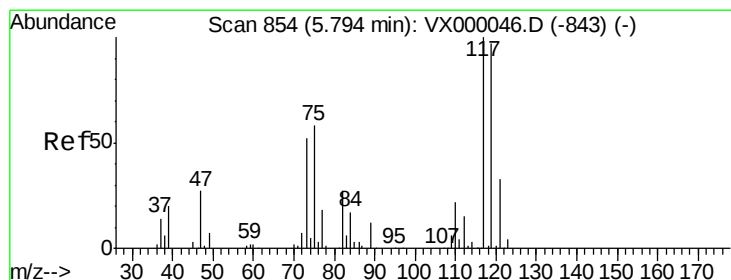
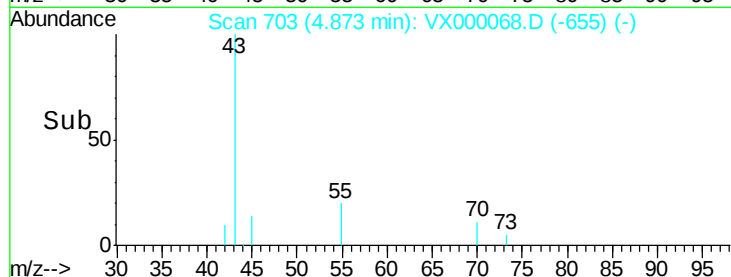
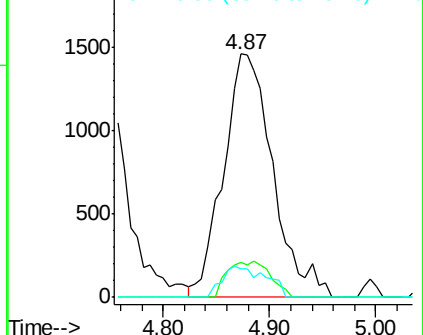
#37
Ethyl Acetate
Concen: 2.25 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Instrument :
ClientSampled :
MDL 03

Tgt Ion: 43 Resp: 4722
Ion Ratio Lower Upper
43 100
61 13.0 11.4 17.2
70 11.2 9.0 13.6

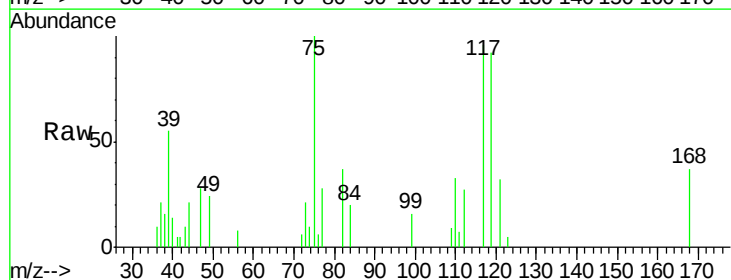


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

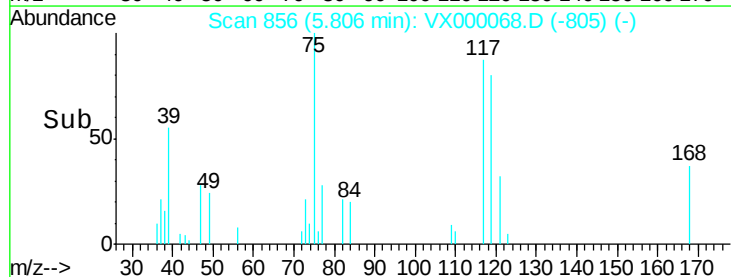
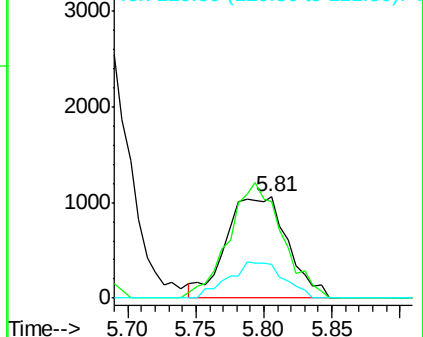


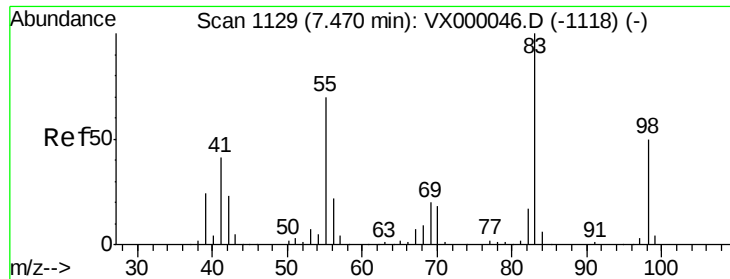
#38
Carbon Tetrachloride
Concen: 1.82 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 117 Resp: 3325
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3
121 33.4 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

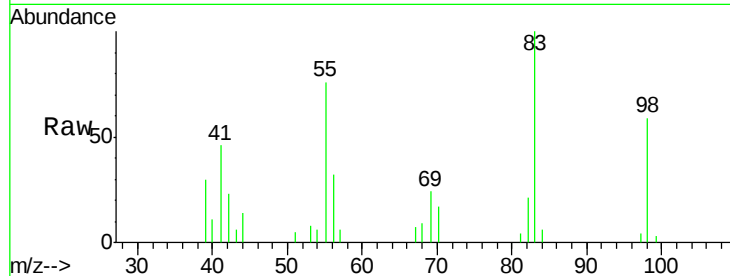




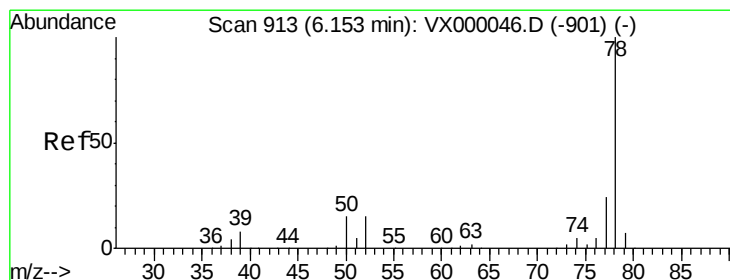
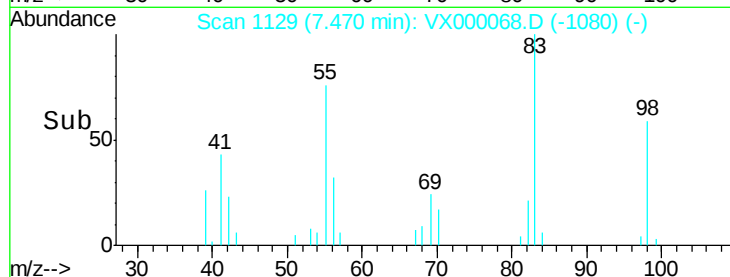
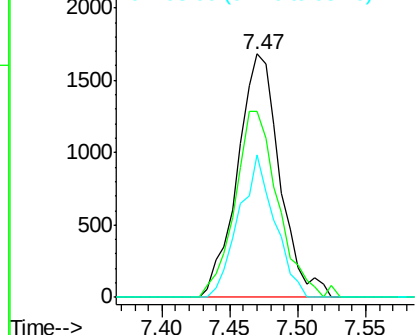
#39
Methylcyclohexane
Concen: 1.85 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Instrument :
ClientSampled :
MDL 03

Tgt Ion: 83 Resp: 3654
Ion Ratio Lower Upper
83 100
55 76.2 55.7 83.5
98 58.5 39.7 59.5

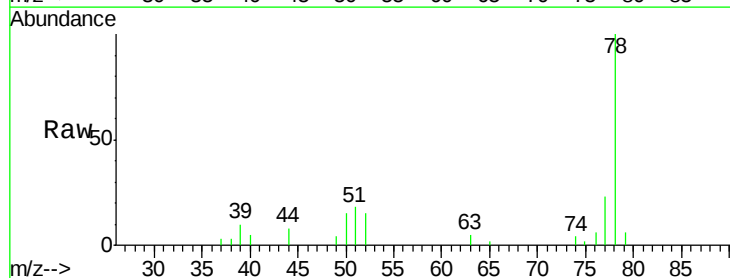


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

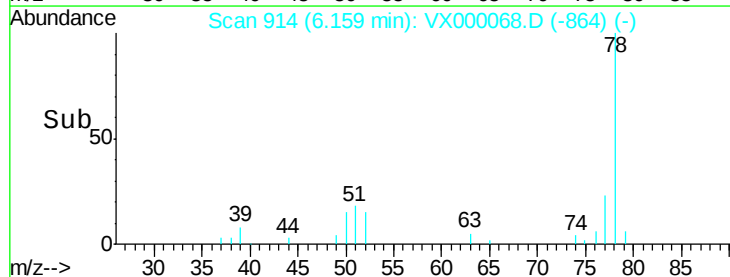
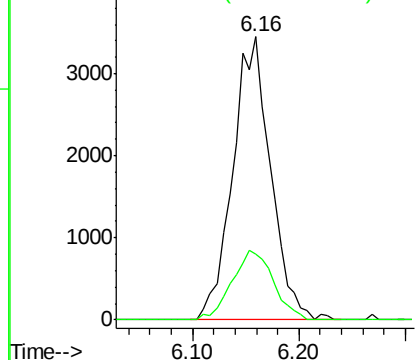


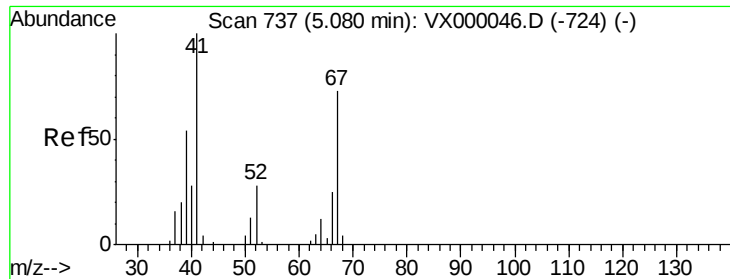
#40
Benzene
Concen: 1.87 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 78 Resp: 8601
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.2



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





#41

Methacrylonitrile

Concen: 2.33 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

Tgt Ion: 41 Resp: 2517

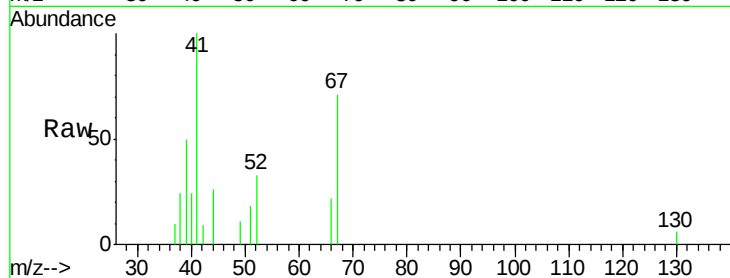
Ion Ratio Lower Upper

41 100

39 57.6 45.8 68.8

67 65.8 60.6 91.0

52 30.4 25.4 38.2

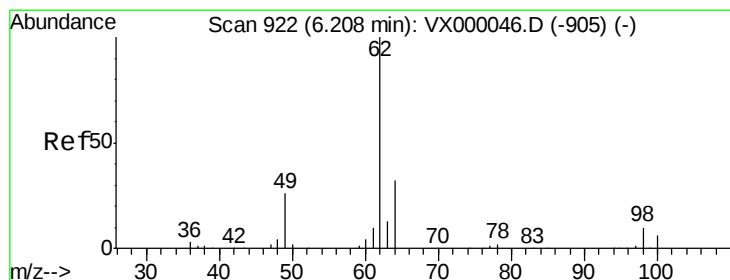
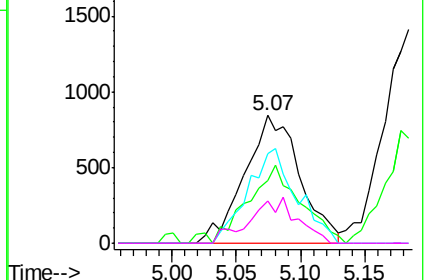
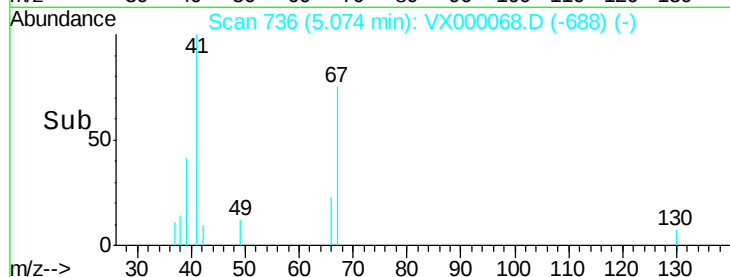


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.87 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000068.D

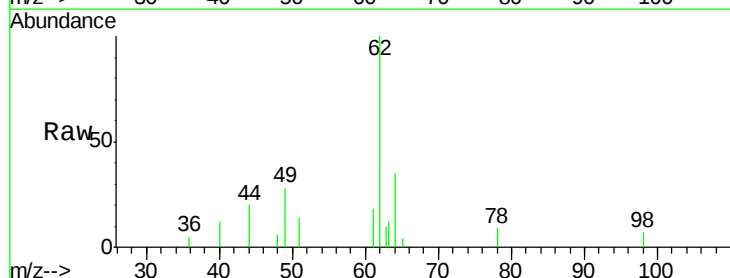
Acq: 12 Feb 2018 16:20

Tgt Ion: 62 Resp: 3071

Ion Ratio Lower Upper

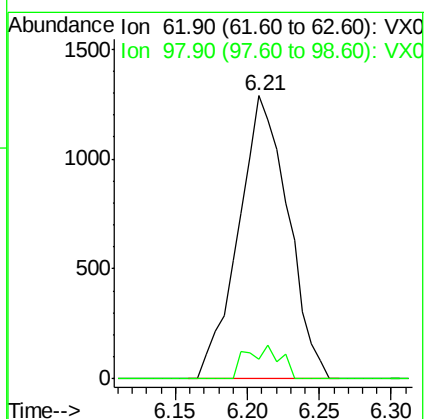
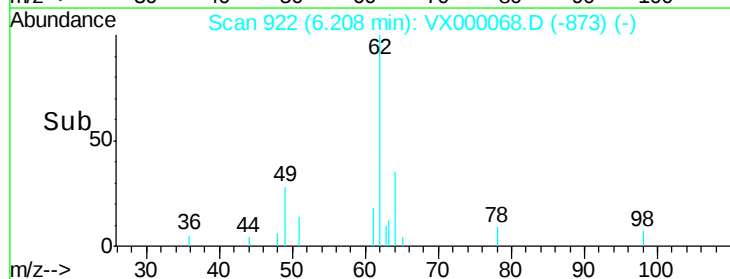
62 100

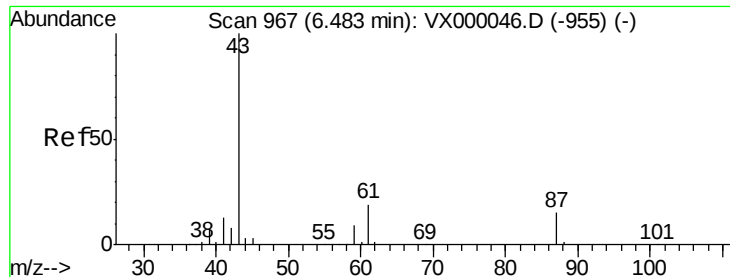
98 4.0 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 2.11 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

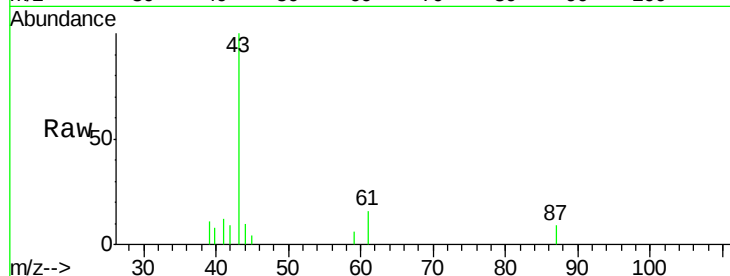
Tgt Ion: 43 Resp: 6696

Ion Ratio Lower Upper

43 100

61 17.0 15.9 23.9

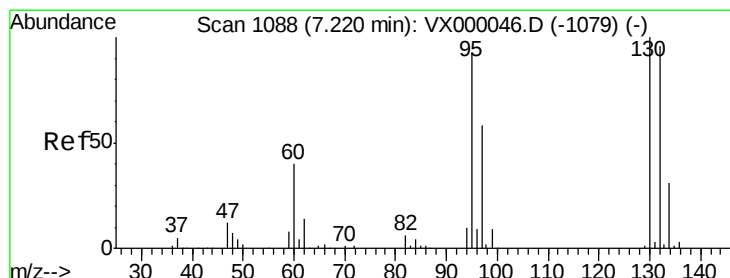
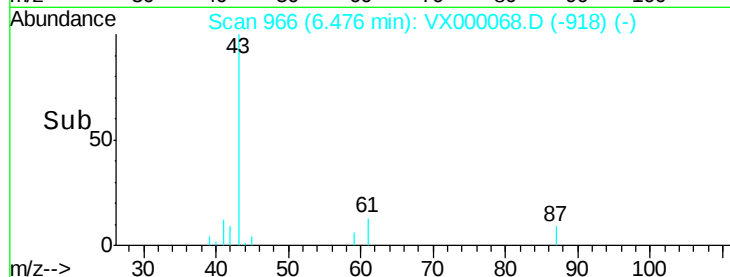
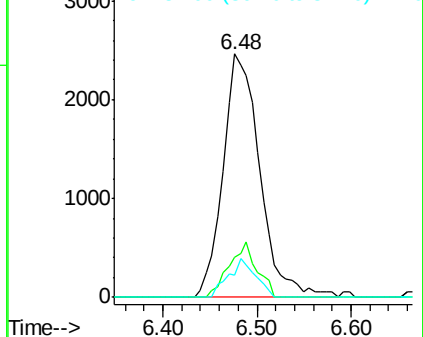
87 11.7 11.8 17.6#



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: 1.87 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000068.D

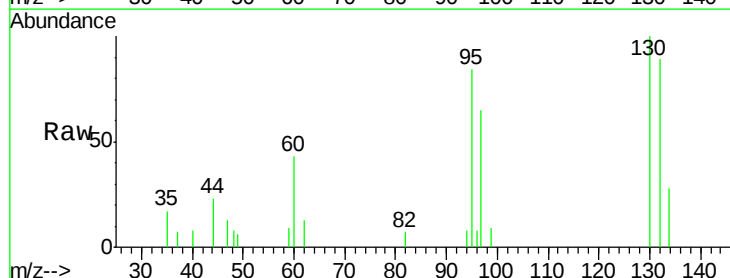
Acq: 12 Feb 2018 16:20

Tgt Ion: 130 Resp: 2661

Ion Ratio Lower Upper

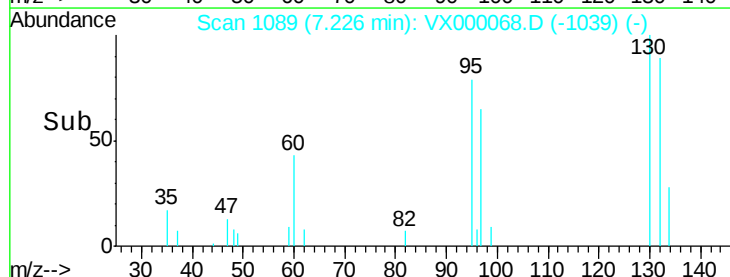
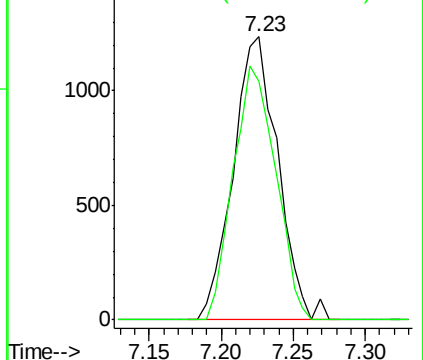
130 100

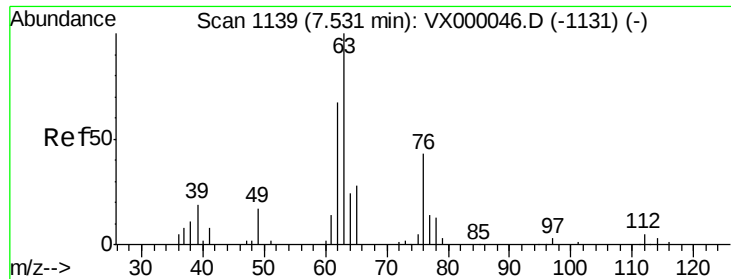
95 84.5 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.99 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

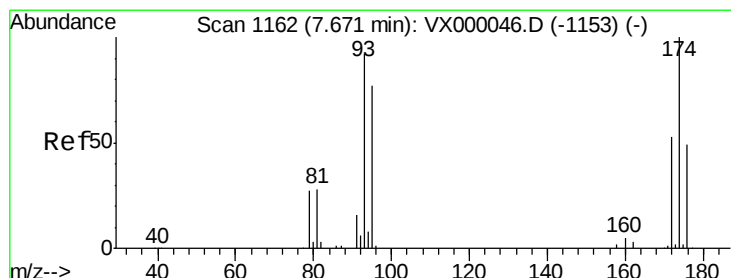
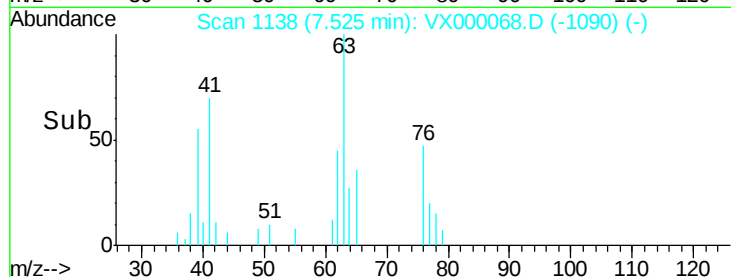
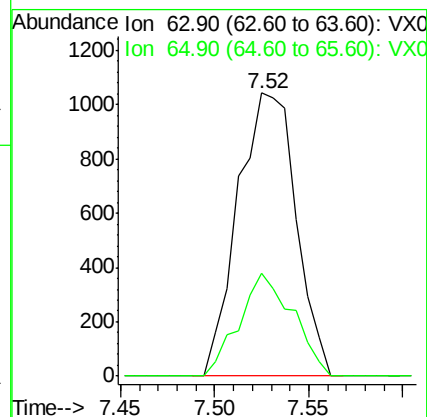
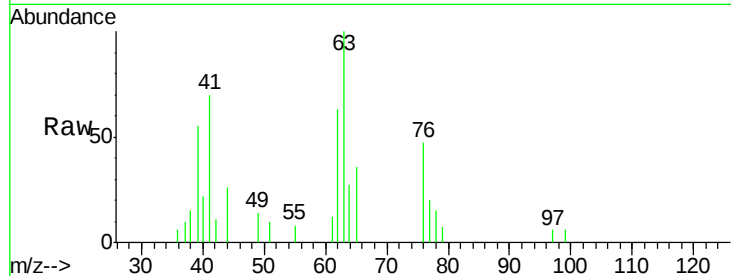
MDL 03

Tgt Ion: 63 Resp: 2231

Ion Ratio Lower Upper

63 100

65 36.4 23.7 35.5#



#46

Dibromomethane

Concen: 1.97 ug/l

RT: 7.68 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

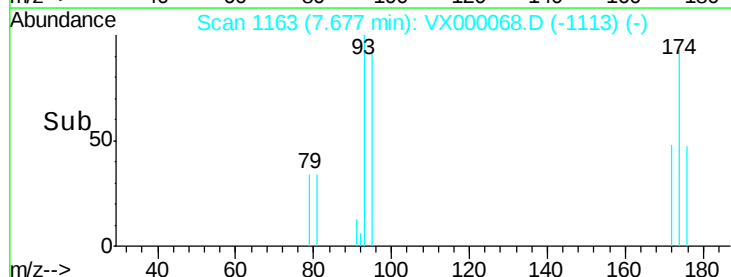
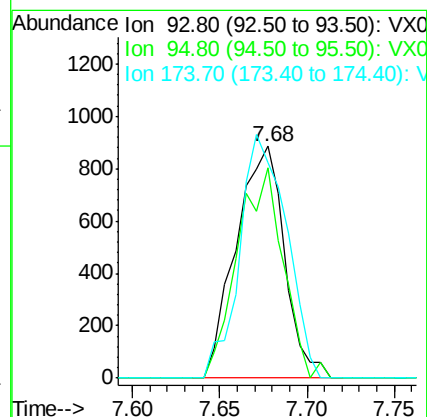
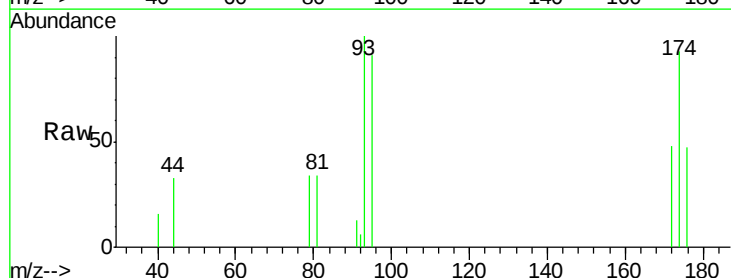
Tgt Ion: 93 Resp: 1706

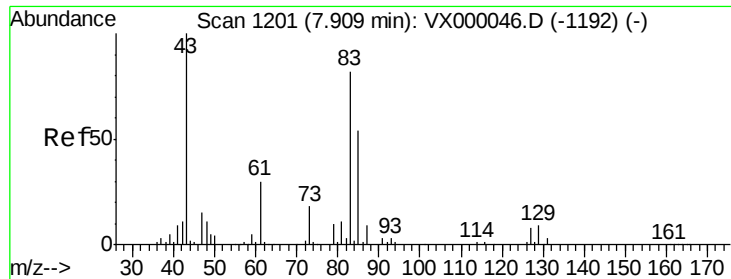
Ion Ratio Lower Upper

93 100

95 85.5 66.3 99.5

174 101.8 90.4 135.6





#47

Bromodichloromethane

Concen: 1.87 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

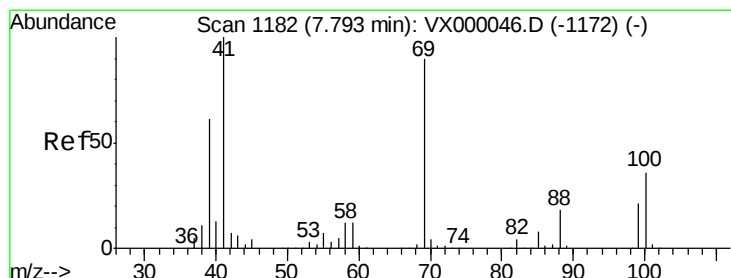
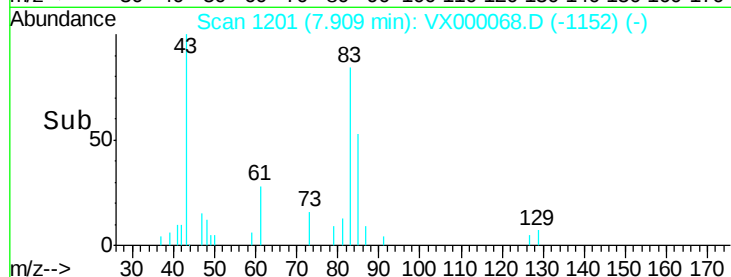
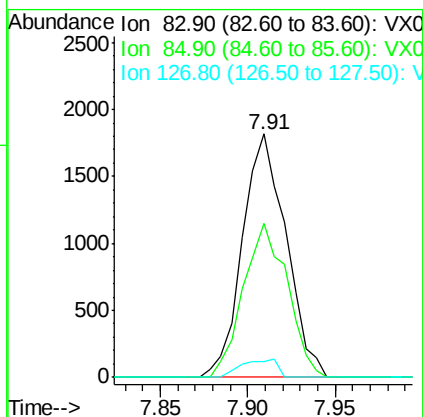
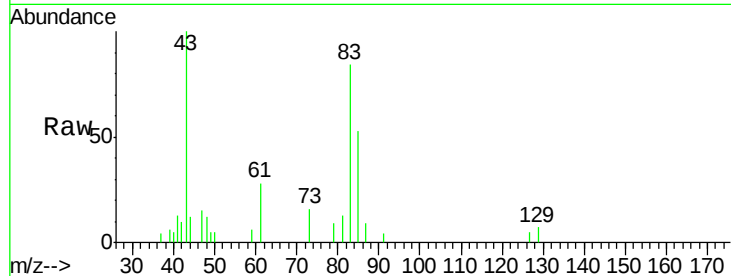
Tgt Ion: 83 Resp: 3144

Ion Ratio Lower Upper

83 100

85 63.1 52.3 78.5

127 6.4 7.4 11.0#



#48

Methyl methacrylate

Concen: 2.02 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

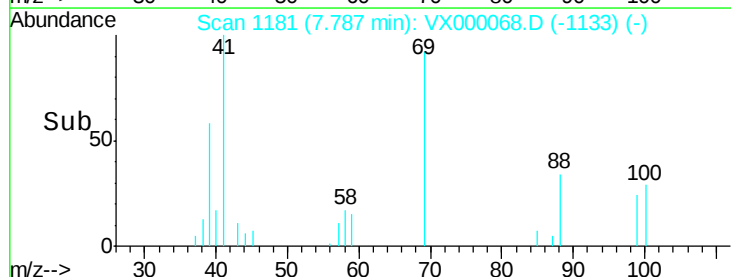
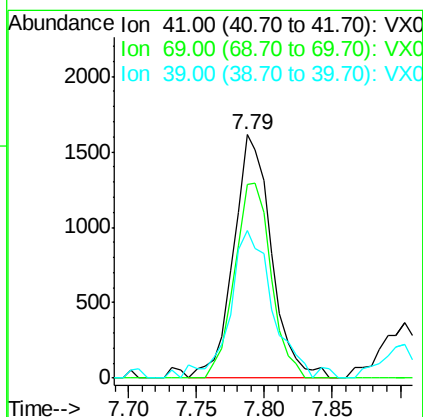
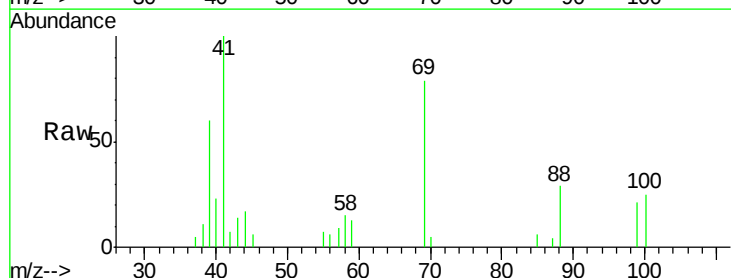
Tgt Ion: 41 Resp: 3139

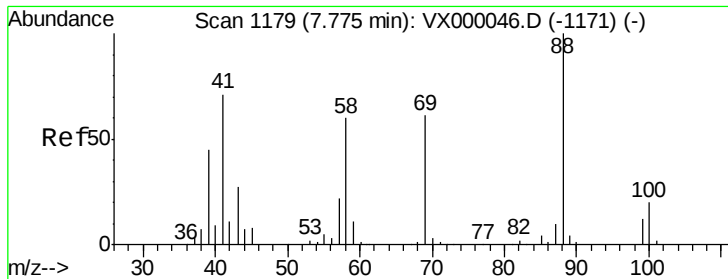
Ion Ratio Lower Upper

41 100

69 77.0 72.1 108.1

39 67.5 49.6 74.4





#49

1,4-Dioxane

Concen: 39.41 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

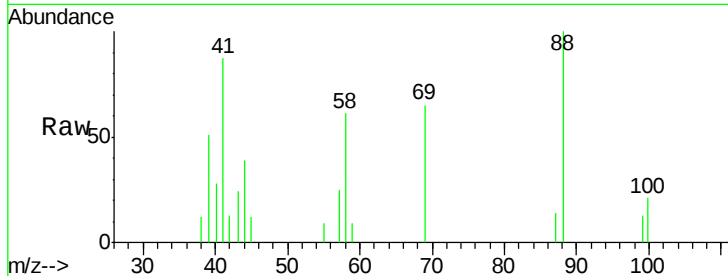
Tgt Ion: 88 Resp: 1634

Ion Ratio Lower Upper

88 100

43 19.3 22.6 33.8#

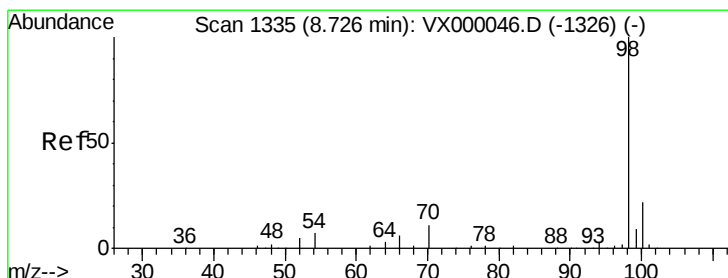
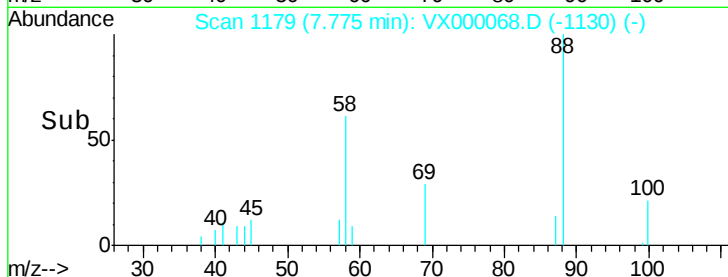
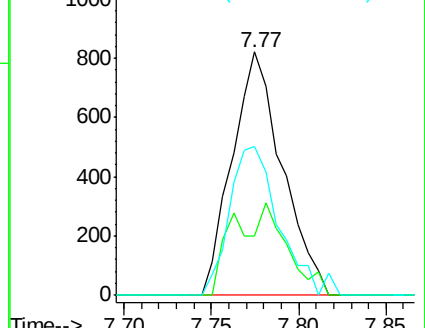
58 60.8 49.4 74.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.93 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000068.D

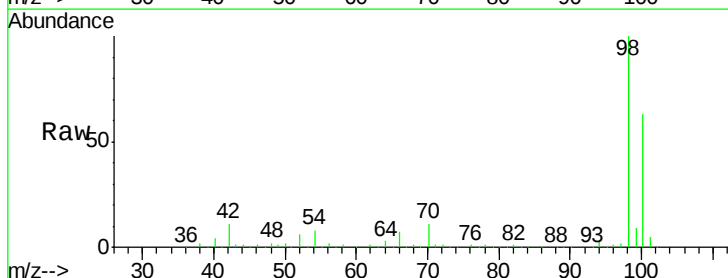
Acq: 12 Feb 2018 16:20

Tgt Ion: 98 Resp: 190780

Ion Ratio Lower Upper

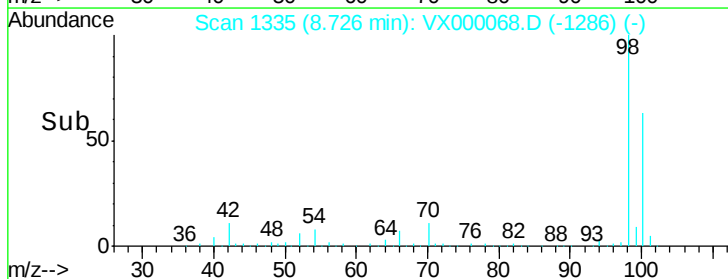
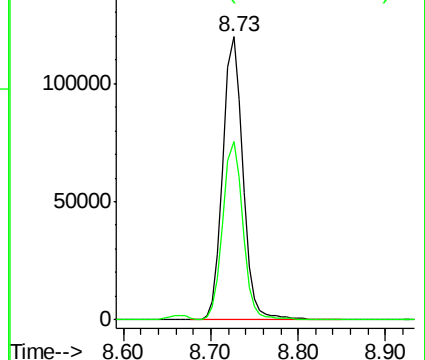
98 100

100 63.5 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

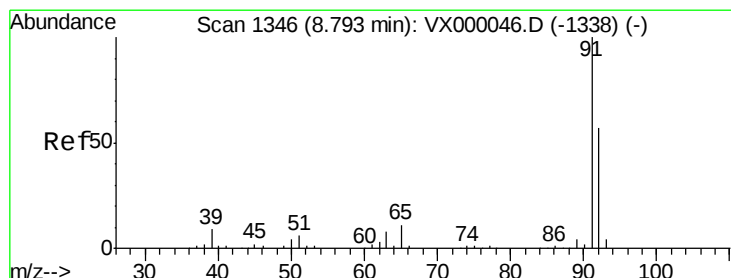
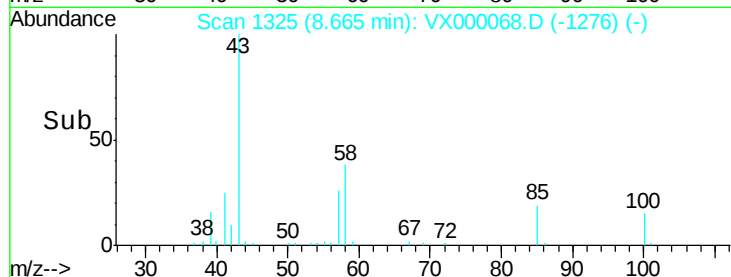
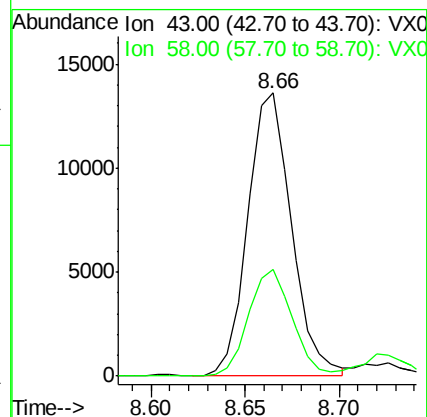
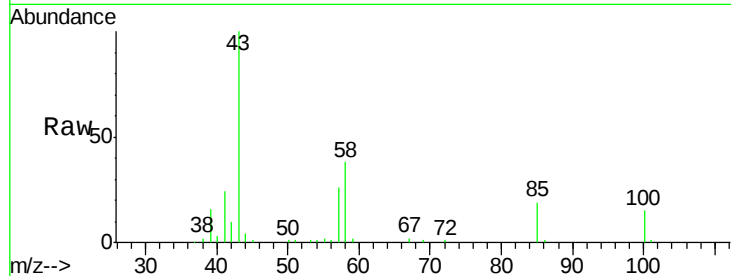




#51
4-Methyl-2-Pentanone
Concen: 9.93 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

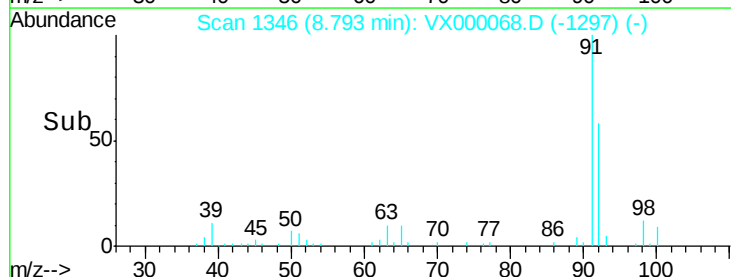
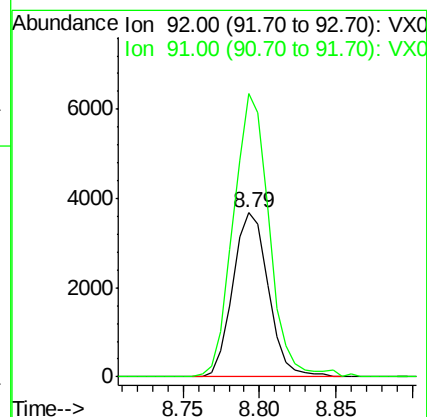
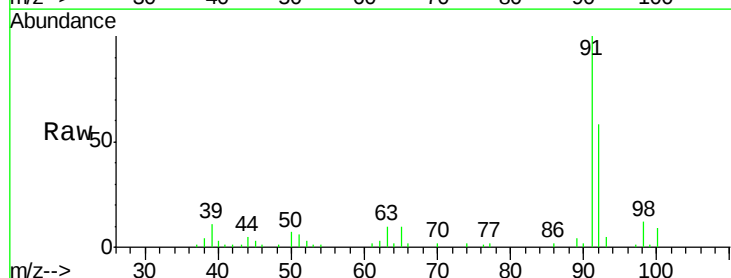
Instrument :
ClientSampled :
MDL 03

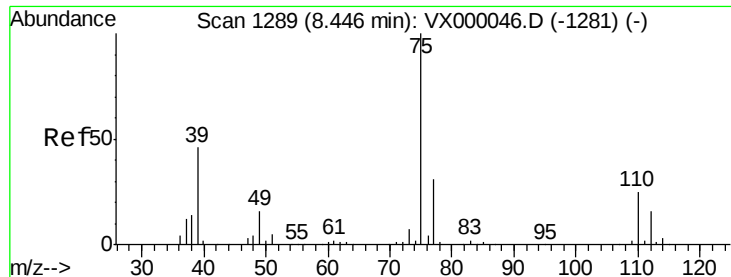
Tgt Ion: 43 Resp: 21944
Ion Ratio Lower Upper
43 100
58 37.6 32.1 48.1



#52
Toluene
Concen: 1.91 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 92 Resp: 5908
Ion Ratio Lower Upper
92 100
91 174.9 139.8 209.6

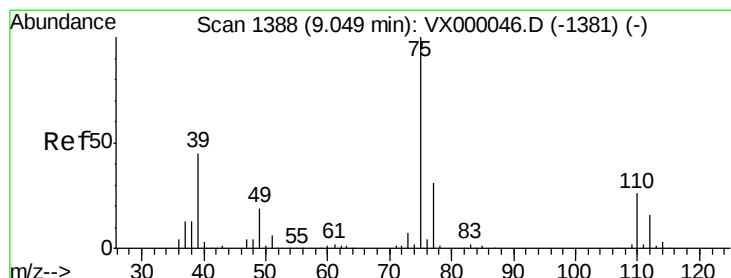
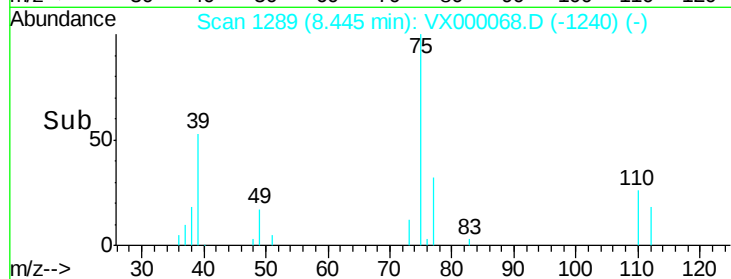
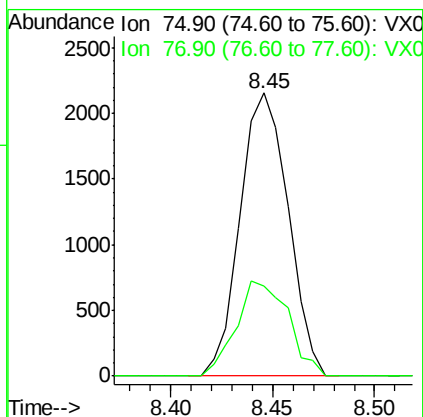
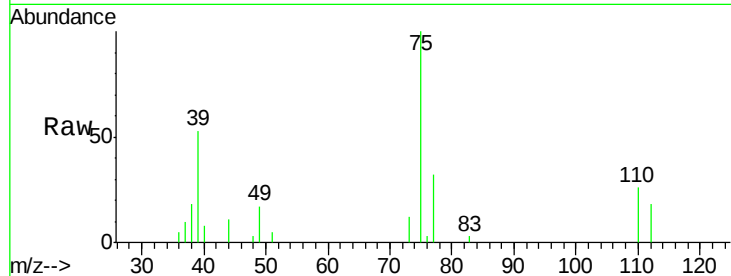




#53
 t-1,3-Dichloropropene
 Concen: 1.80 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

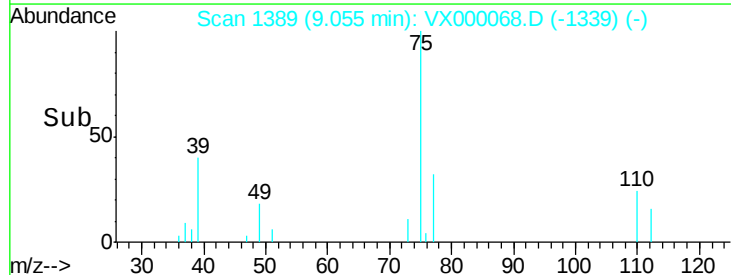
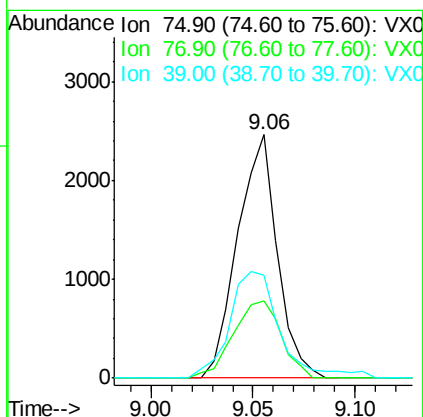
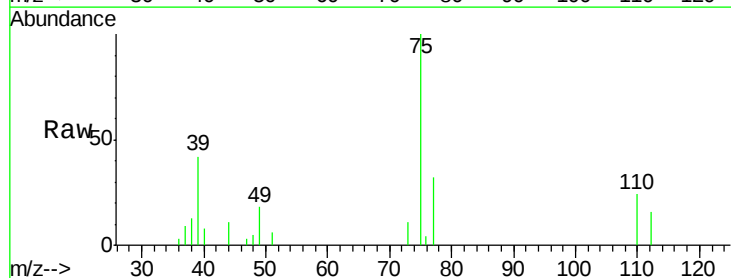
Instrument :
 ClientSampled :
 MDL 03

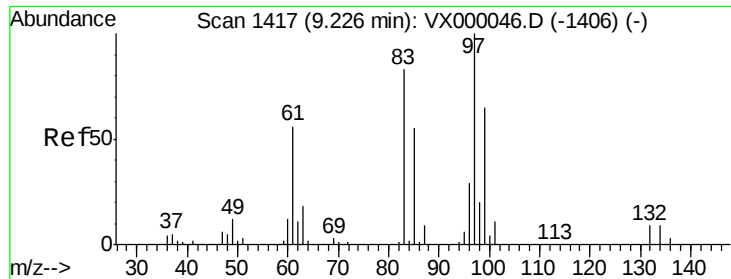
Tgt Ion: 75 Resp: 3531
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 1.74 ug/l
 RT: 9.06 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

Tgt Ion: 75 Resp: 3328
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7
 39 42.2 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 1.91 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

Tgt Ion: 97 Resp: 2478

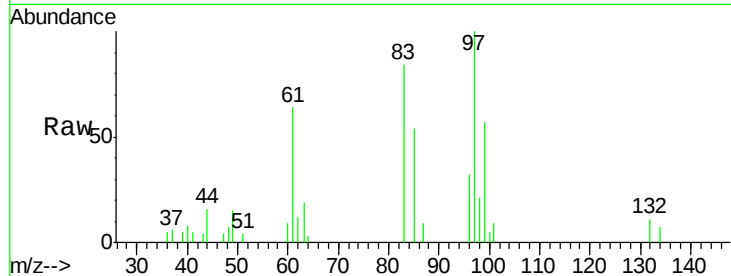
Ion Ratio Lower Upper

97 100

83 84.4 66.5 99.7

85 54.0 43.8 65.6

99 56.6 52.2 78.4

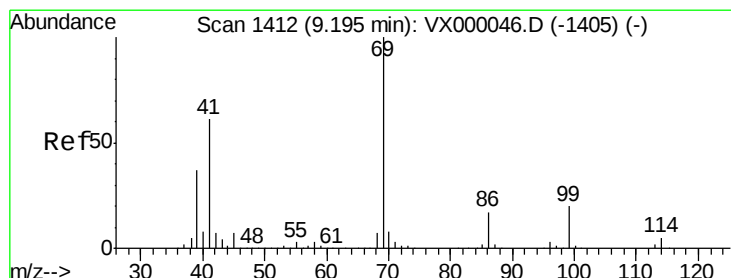
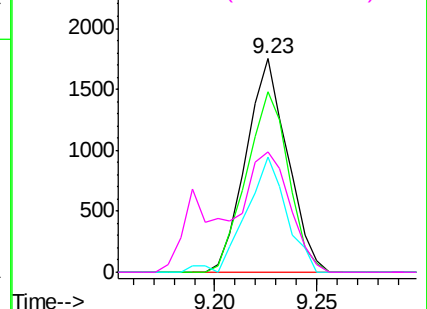
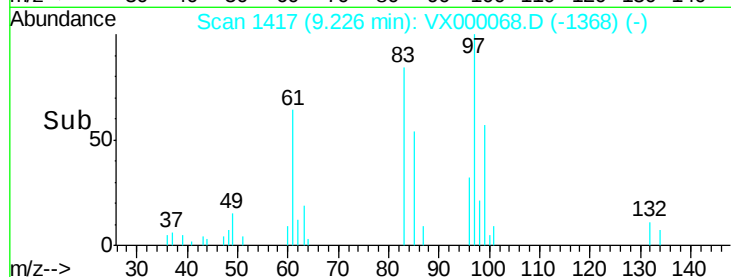


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 1.81 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

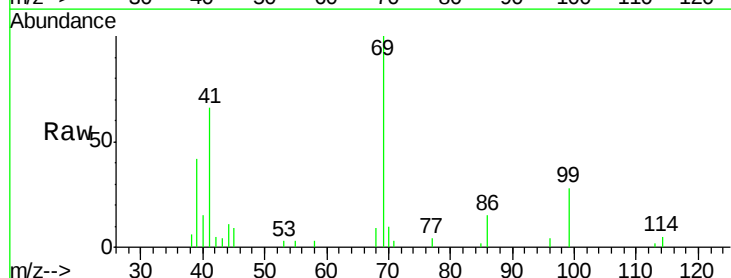
Tgt Ion: 69 Resp: 3605

Ion Ratio Lower Upper

69 100

41 67.9 49.5 74.3

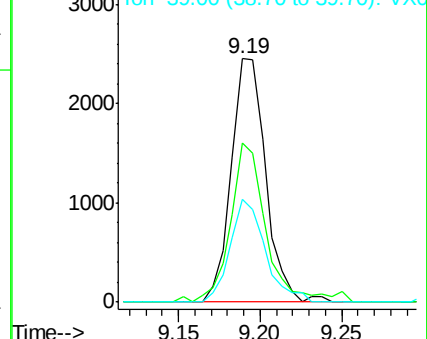
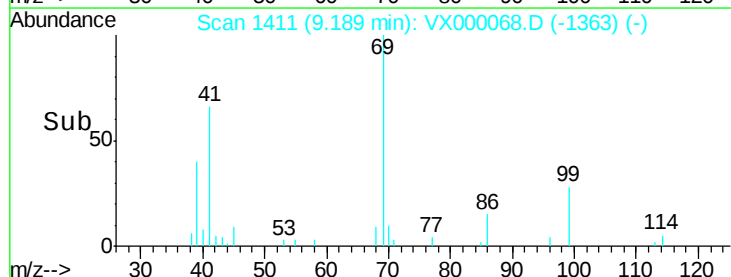
39 42.9 29.9 44.9



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

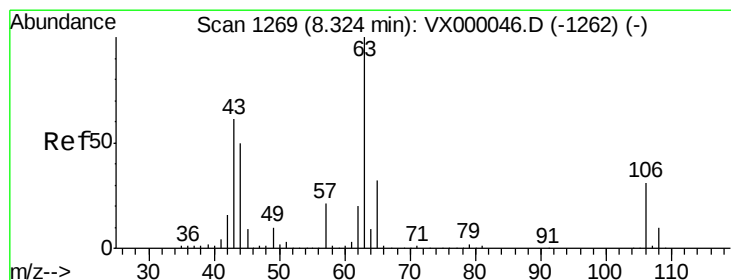
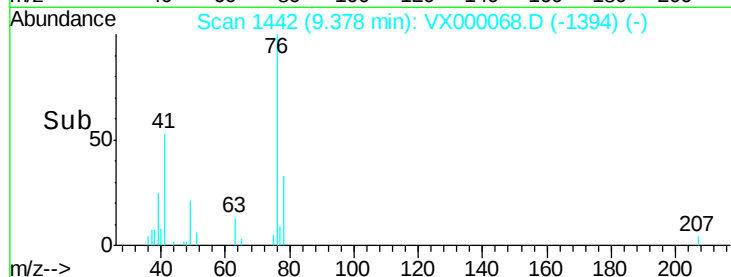
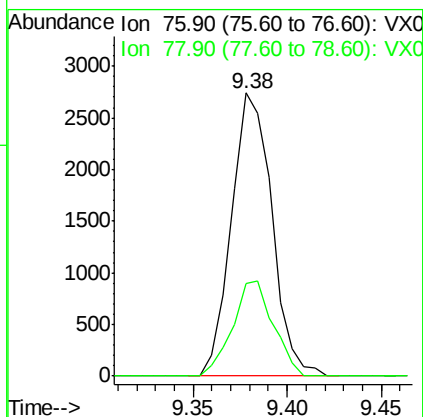
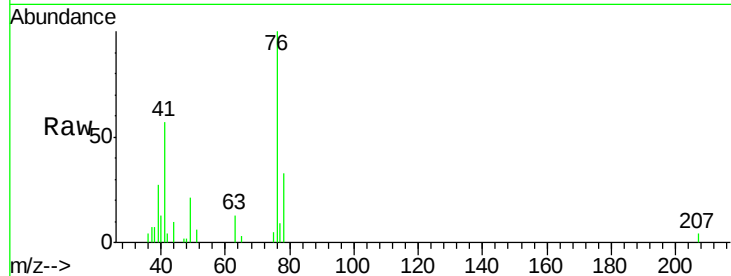




#57
 1,3-Dichloropropane
 Concen: 2.02 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

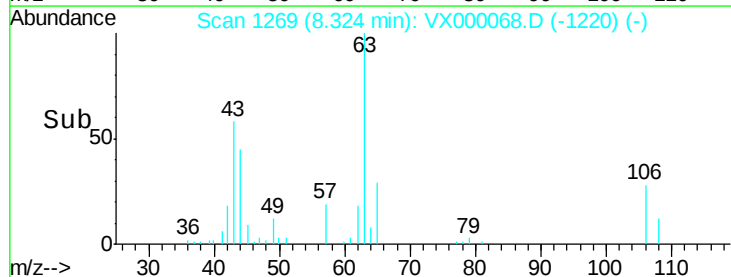
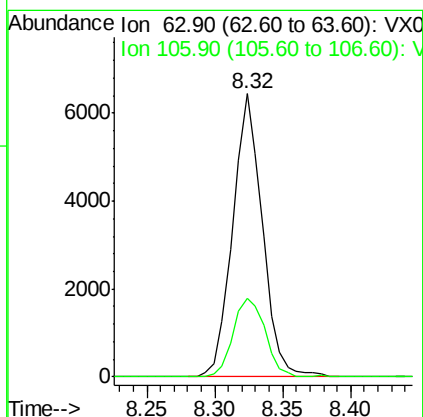
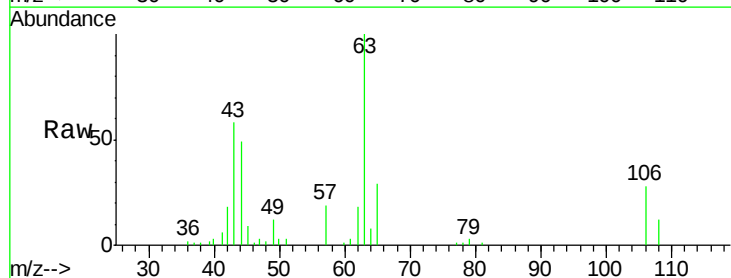
Instrument :
 ClientSampled :
 MDL 03

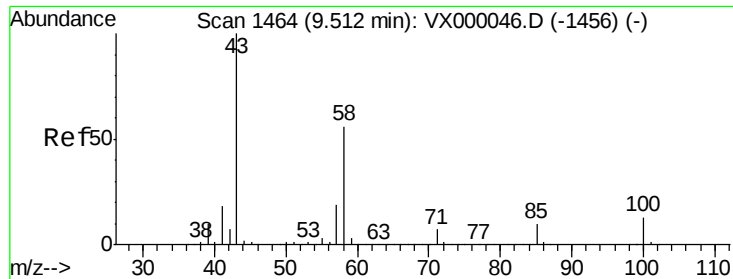
Tgt Ion: 76 Resp: 4083
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 9.95 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

Tgt Ion: 63 Resp: 9772
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.7 37.1

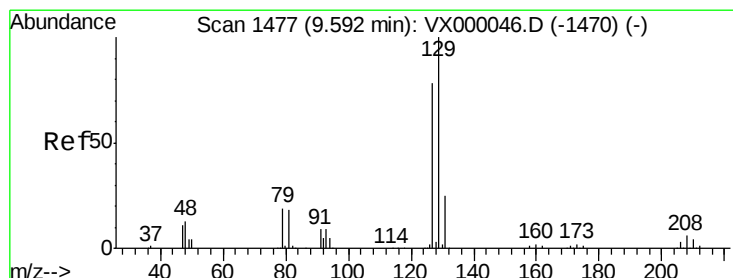
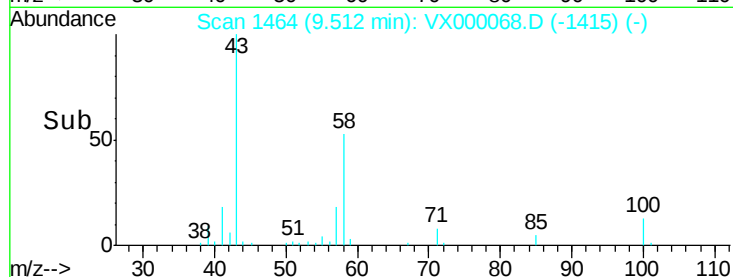
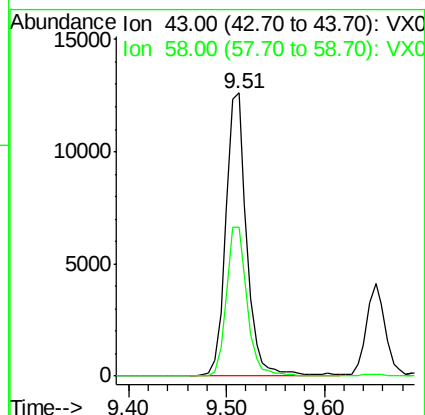
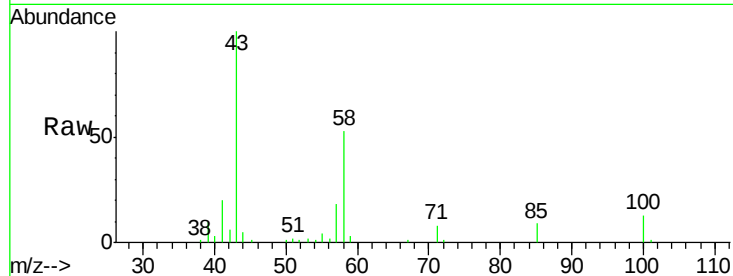




#59
2-Hexanone
Concen: 10.43 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

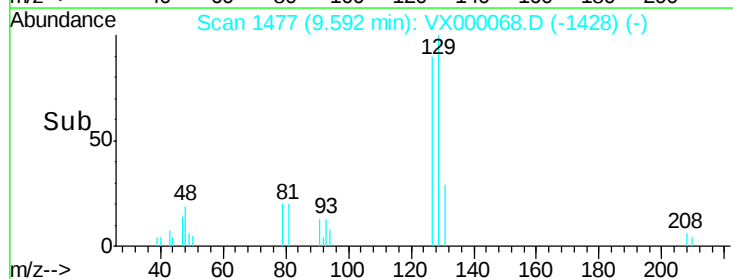
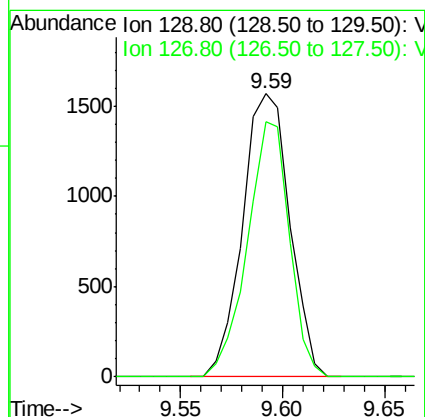
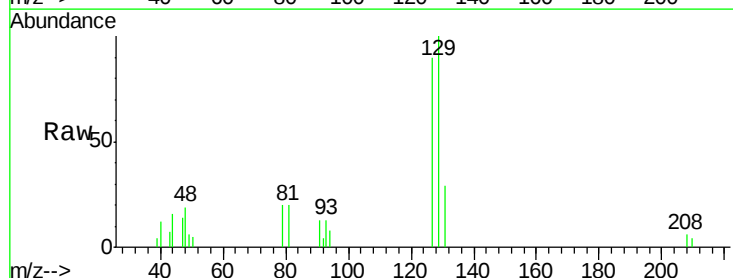
Instrument :
ClientSampleId :
MDL 03

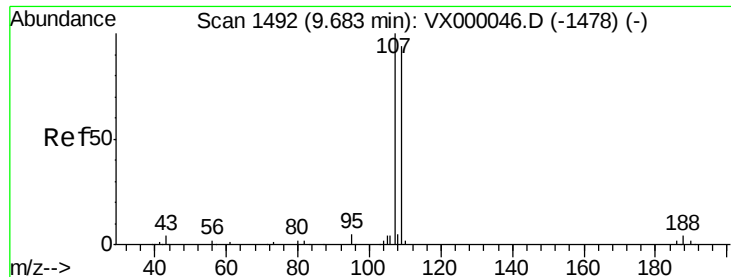
Tgt Ion: 43 Resp: 18738
Ion Ratio Lower Upper
43 100
58 51.6 27.6 82.7



#60
Dibromochloromethane
Concen: 1.69 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion: 129 Resp: 2523
Ion Ratio Lower Upper
129 100
127 80.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 1.82 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

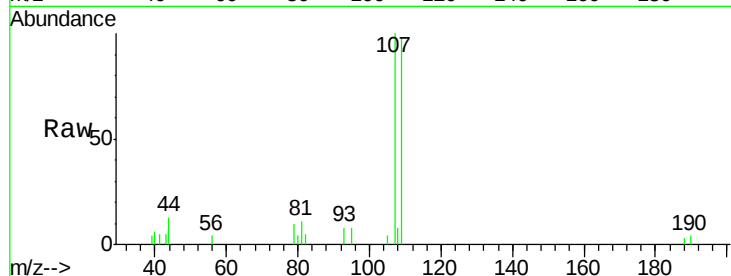
MDL 03

Tgt Ion: 107 Resp: 2596

Ion Ratio Lower Upper

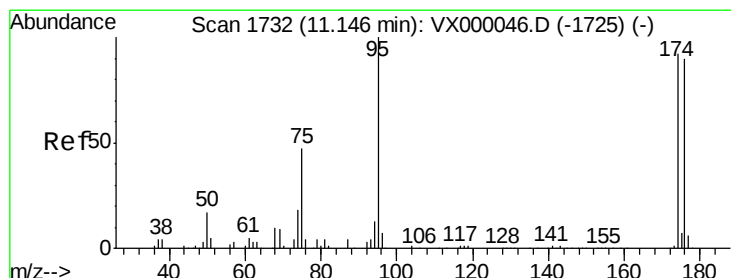
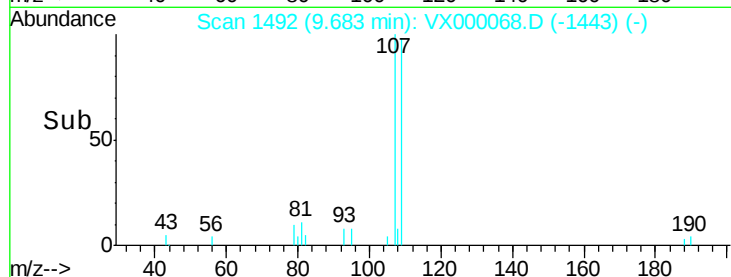
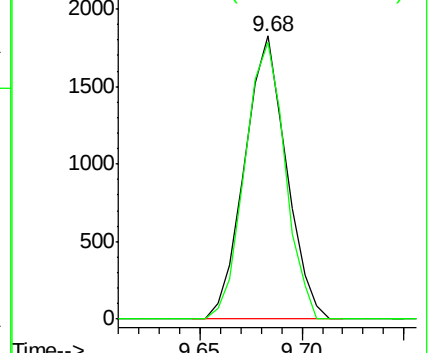
107 100

109 93.8 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.38 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

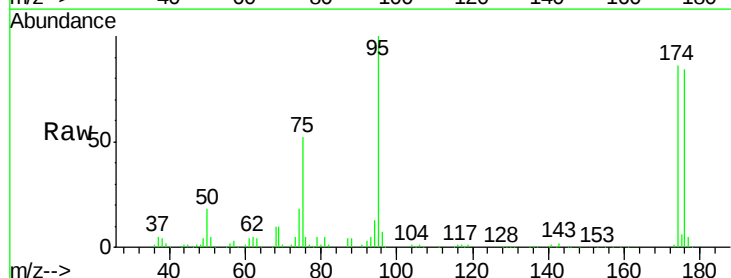
Tgt Ion: 95 Resp: 76656

Ion Ratio Lower Upper

95 100

174 86.7 0.0 185.6

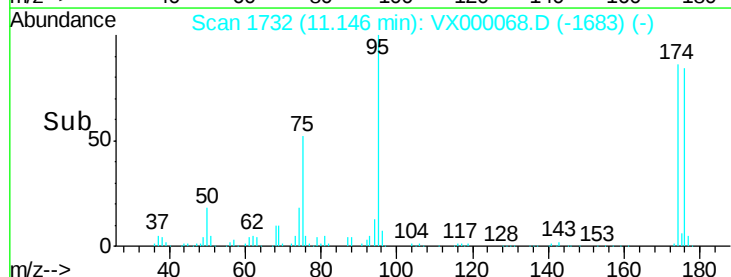
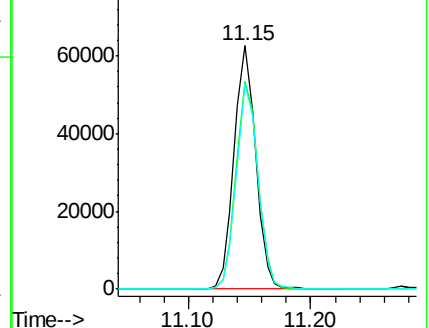
176 84.2 0.0 181.8

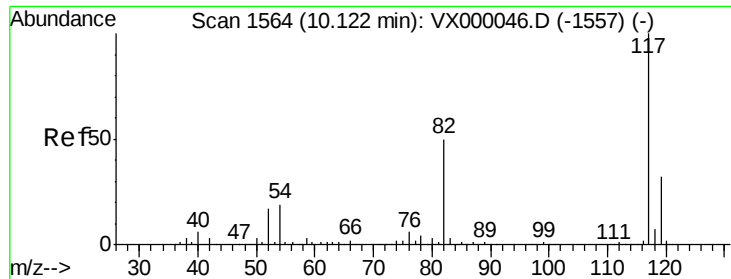


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

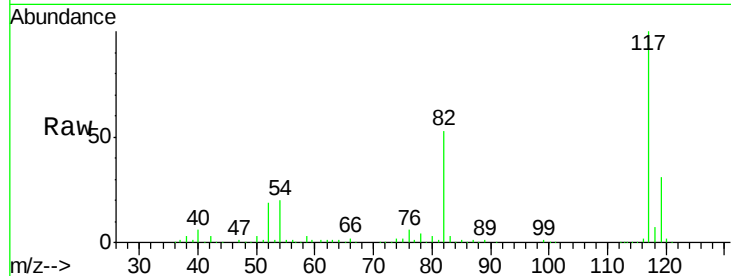




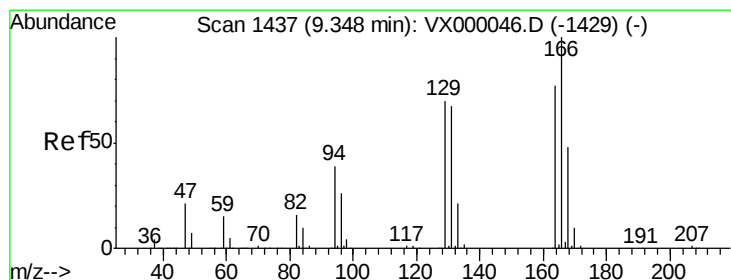
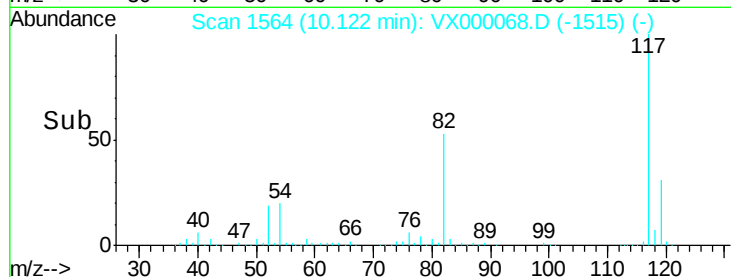
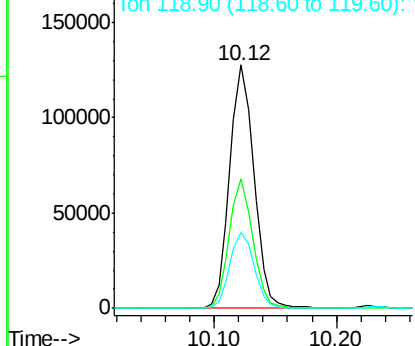
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Instrument :
ClientSampled :
MDL 03

Tgt Ion:117 Resp: 175924
Ion Ratio Lower Upper
117 100
82 53.1 40.3 60.5
119 31.4 25.3 37.9

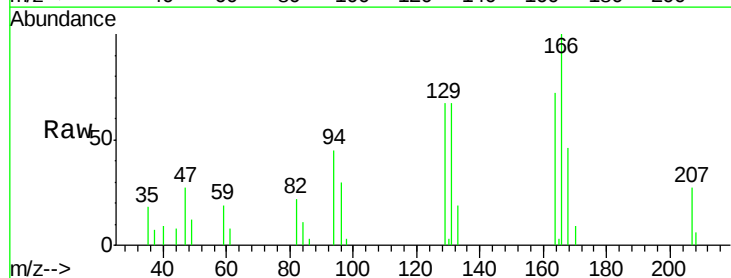


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

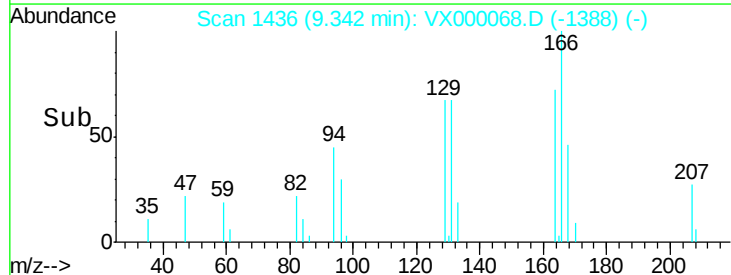
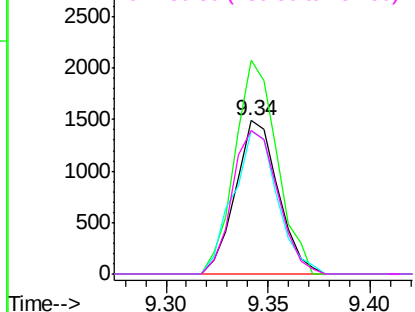


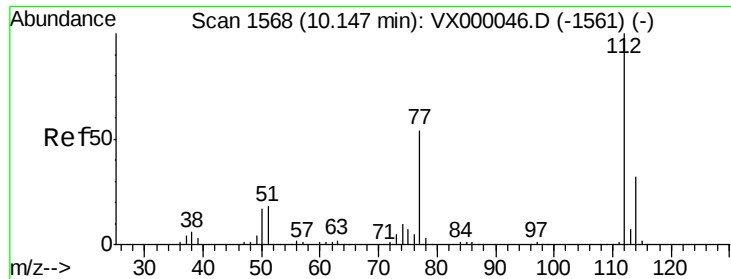
#64
Tetrachloroethene
Concen: 1.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion:164 Resp: 2177
Ion Ratio Lower Upper
164 100
166 139.2 103.7 155.5
129 93.8 72.2 108.4
131 93.2 69.1 103.7



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





#65

Chlorobenzene

Concen: 1.93 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

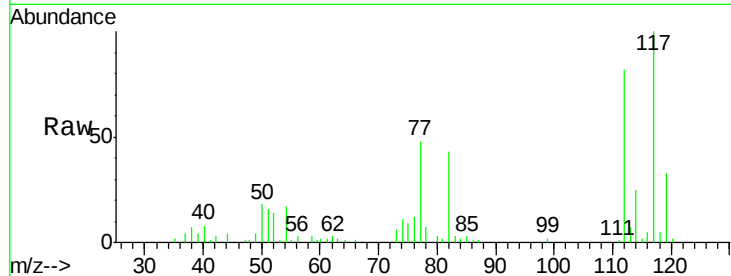
MDL 03

Tgt Ion:112 Resp: 7047

Ion Ratio Lower Upper

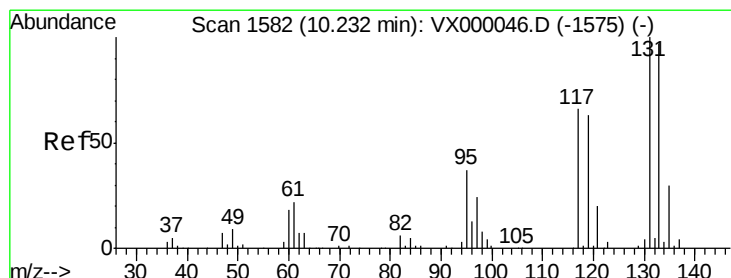
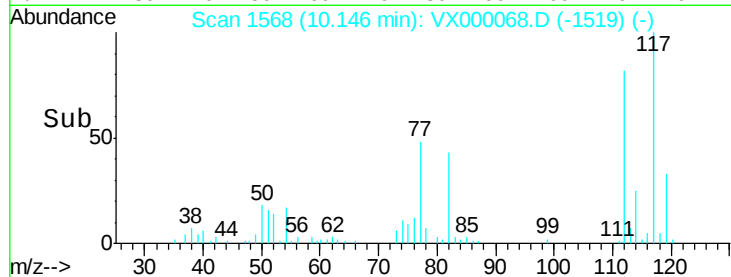
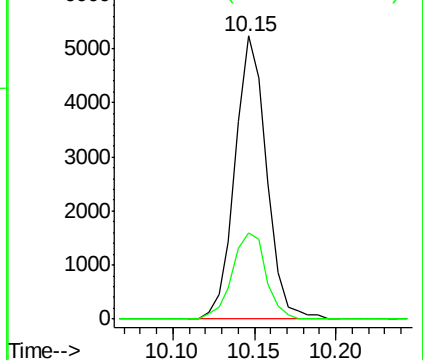
112 100

114 30.6 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.77 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

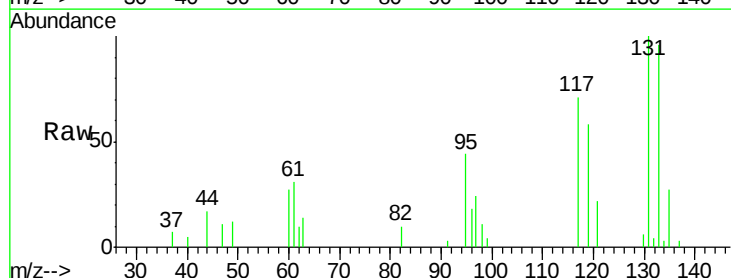
Tgt Ion:131 Resp: 2324

Ion Ratio Lower Upper

131 100

133 98.6 47.6 142.9

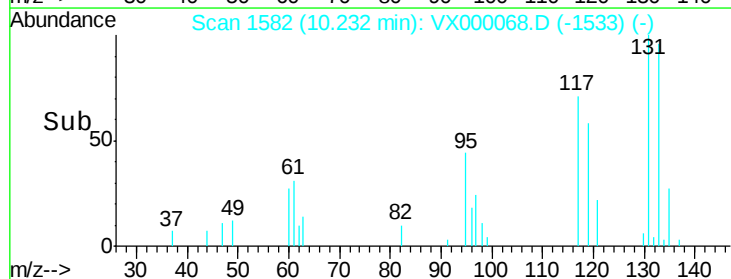
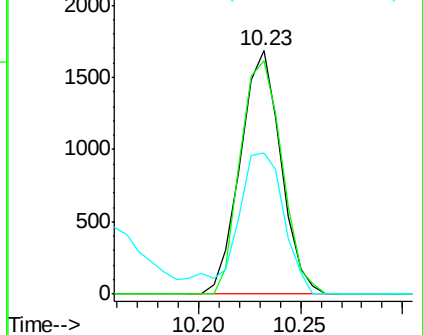
119 0.0 31.7 95.1#

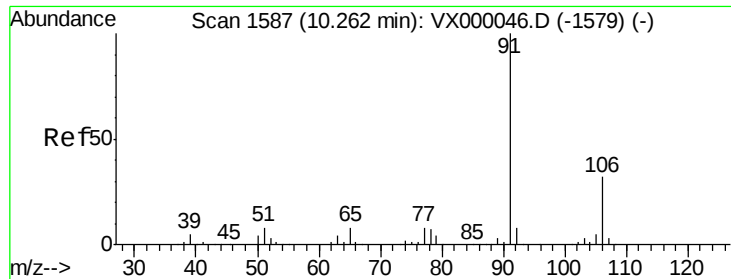


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

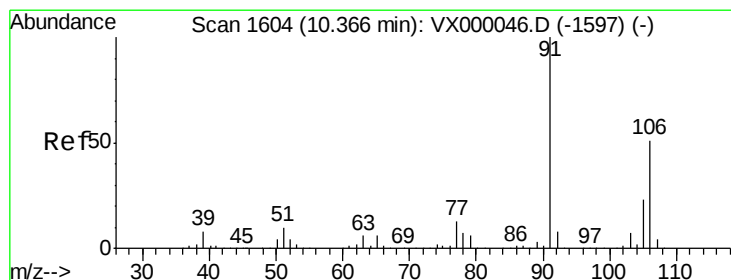
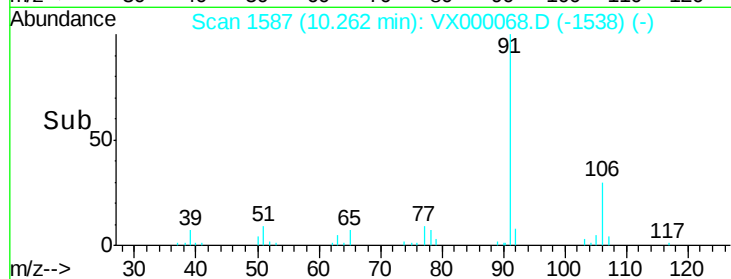
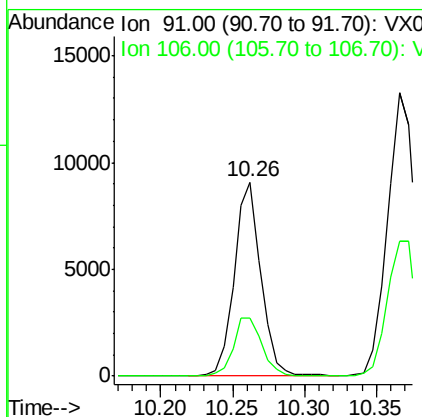
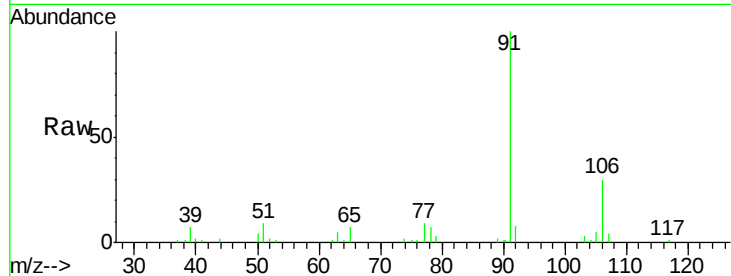




#67
 Ethyl Benzene
 Concen: 1.93 ug/l
 RT: 10.26 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

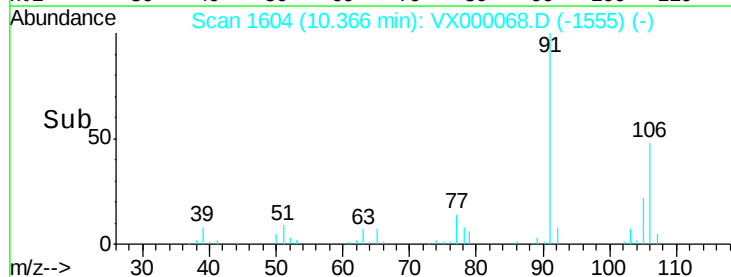
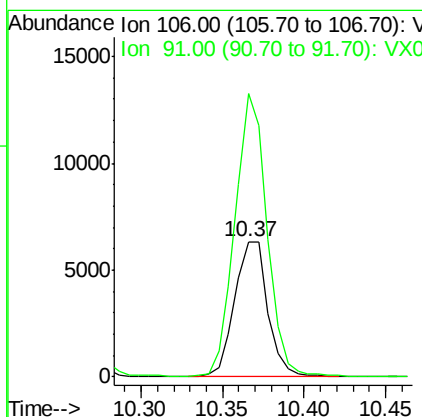
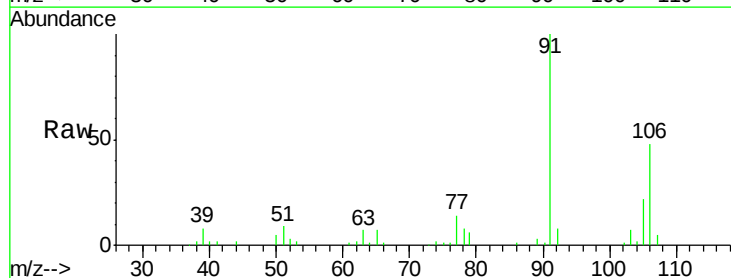
Instrument :
 ClientSampled :
 MDL 03

Tgt Ion: 91 Resp: 11689
 Ion Ratio Lower Upper
 91 100
 106 30.2 25.9 38.9



#68
 m/p-Xylenes
 Concen: 3.72 ug/l
 RT: 10.37 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

Tgt Ion: 106 Resp: 8990
 Ion Ratio Lower Upper
 106 100
 91 203.0 158.3 237.5

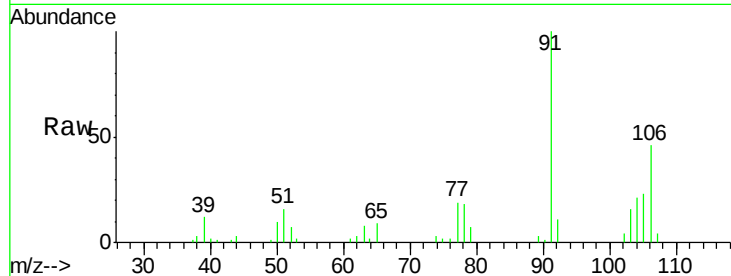




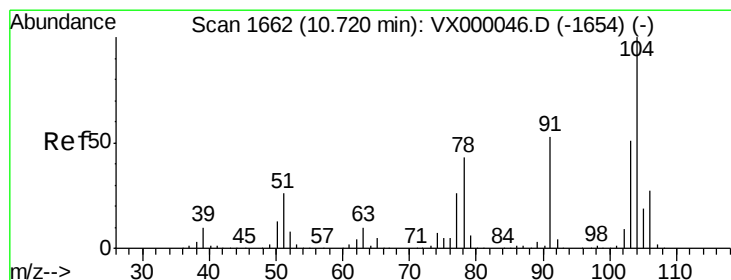
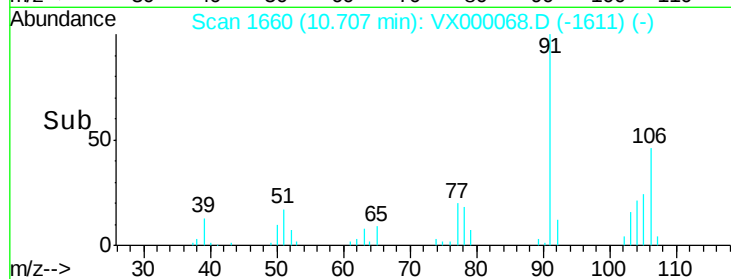
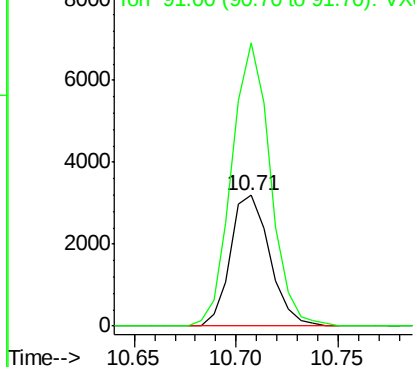
#69
o-Xylene
Concen: 1.83 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Instrument :
ClientSampled :
MDL 03

Tgt Ion:106 Resp: 4270
Ion Ratio Lower Upper
106 100
91 212.8 104.0 312.0

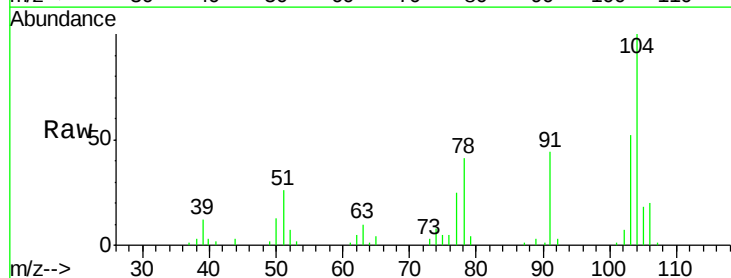


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

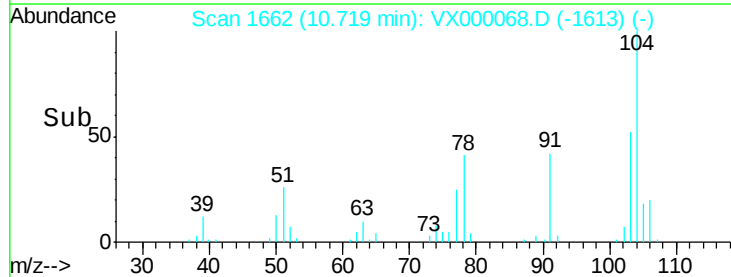
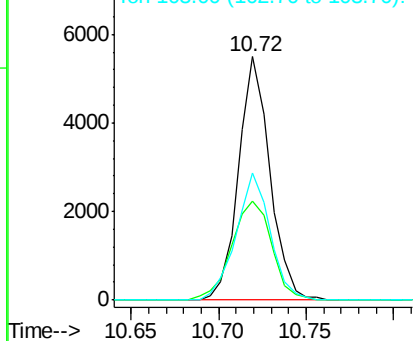


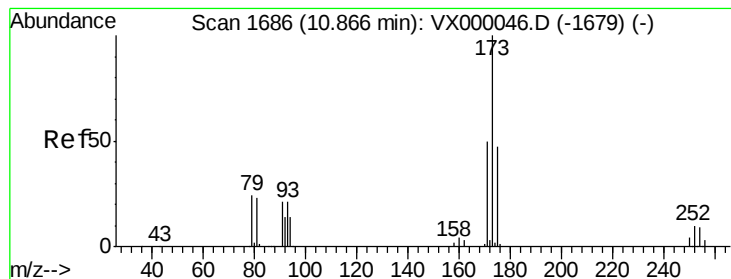
#70
Styrene
Concen: 1.74 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion:104 Resp: 6856
Ion Ratio Lower Upper
104 100
78 51.7 37.7 56.5
103 56.8 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: 1.43 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

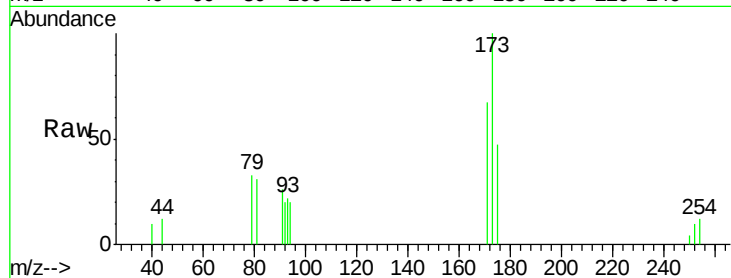
Tgt Ion:173 Resp: 1778

Ion Ratio Lower Upper

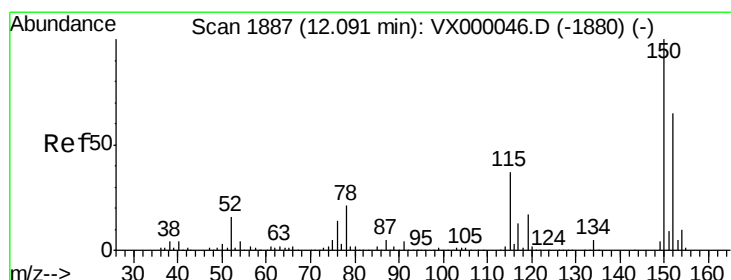
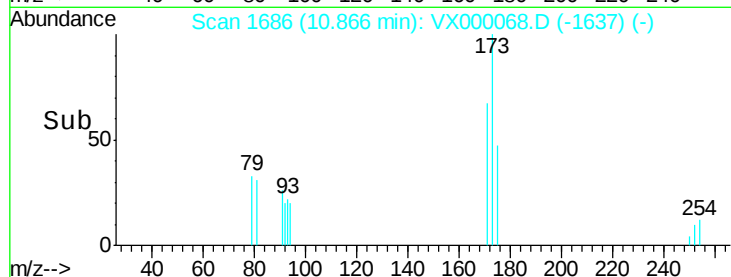
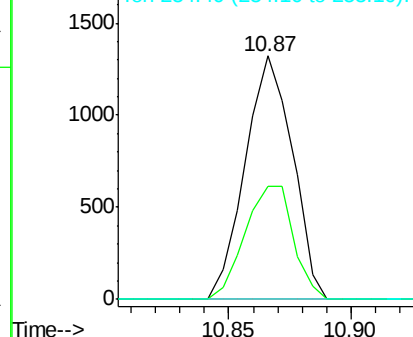
173 100

175 47.8 23.9 71.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

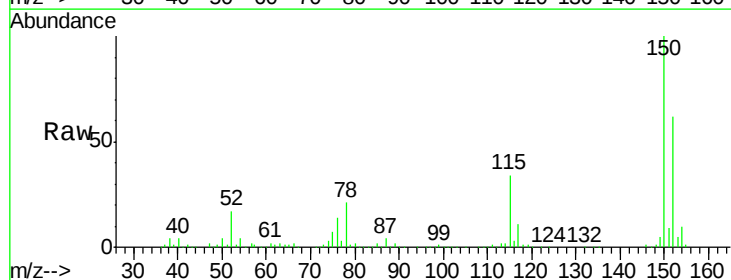
Tgt Ion:152 Resp: 91960

Ion Ratio Lower Upper

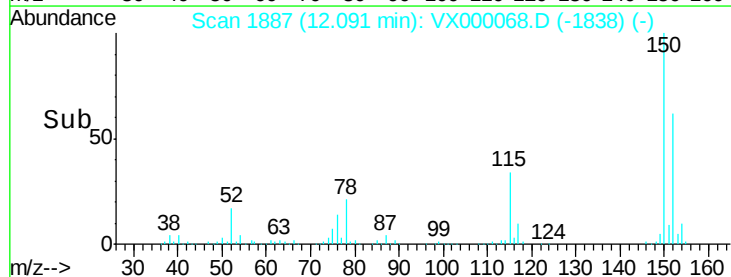
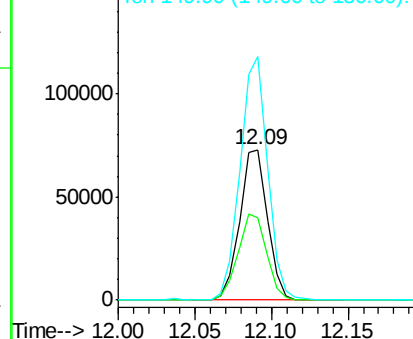
152 100

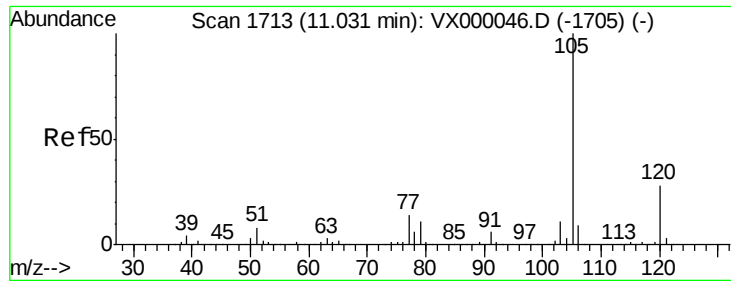
115 58.9 39.3 117.8

150 159.5 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: 2.01 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

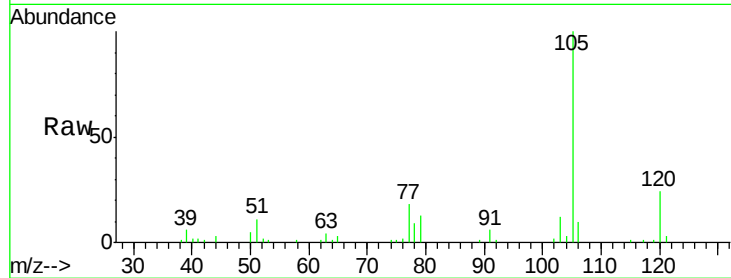
MDL 03

Tgt Ion: 105 Resp: 11715

Ion Ratio Lower Upper

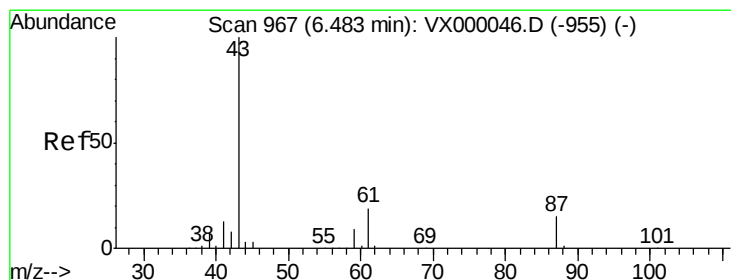
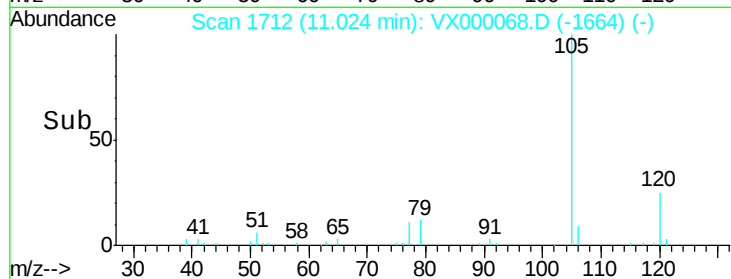
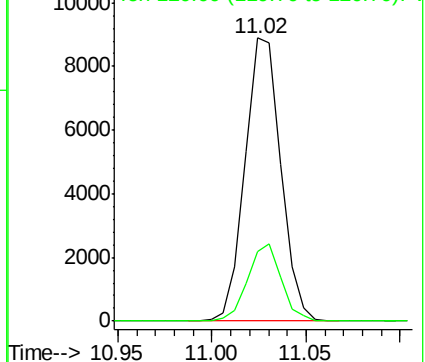
105 100

120 25.6 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: 2.29 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Tgt Ion: 43 Resp: 6696

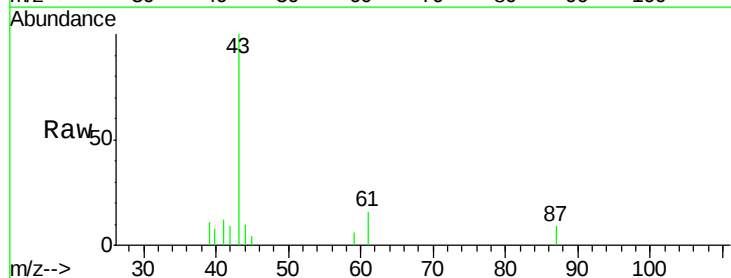
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 17.0 15.9 23.9

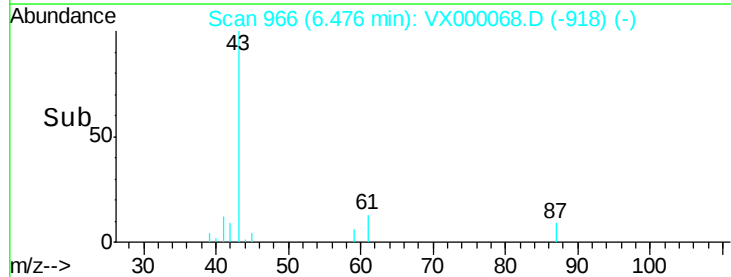
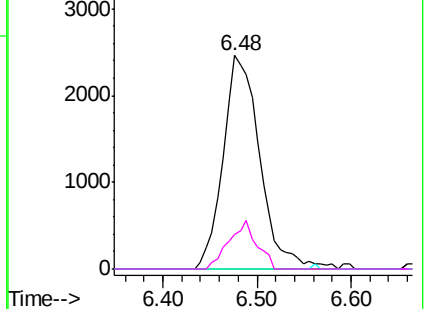


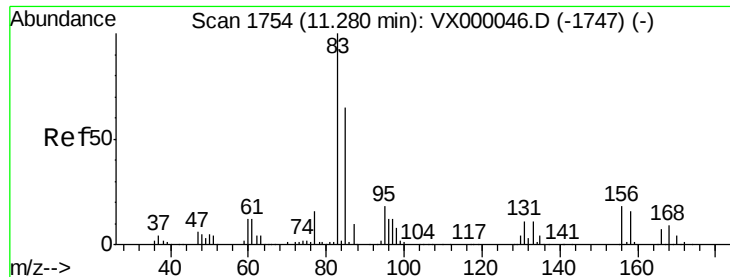
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.99 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

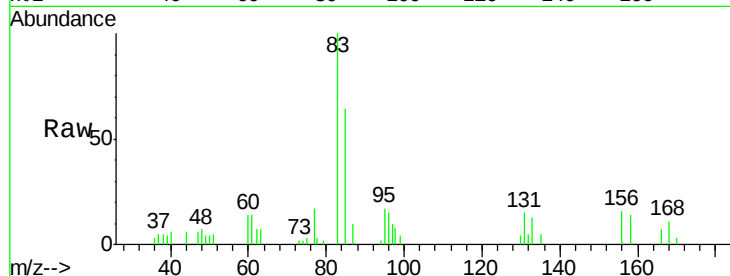
Tgt Ion: 83 Resp: 3960

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.7

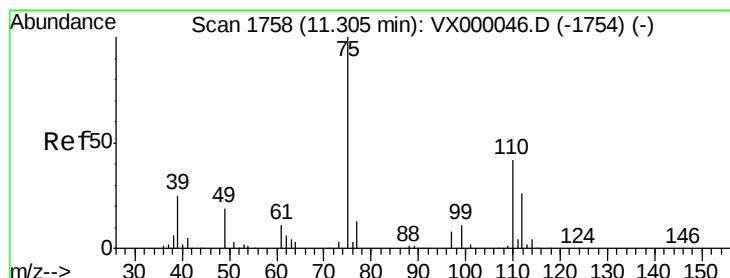
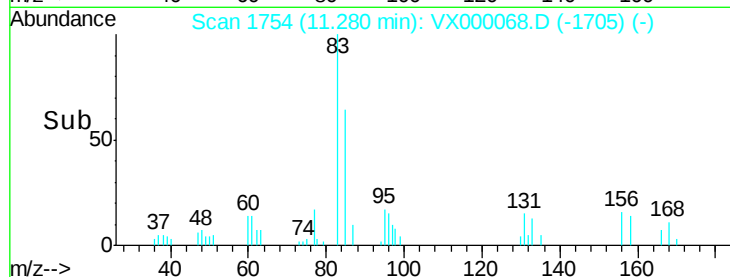
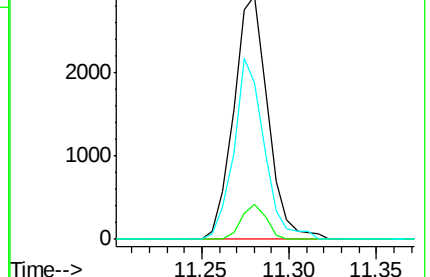
85 66.3 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2.86 ug/l

RT: 11.31 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VX000068.D

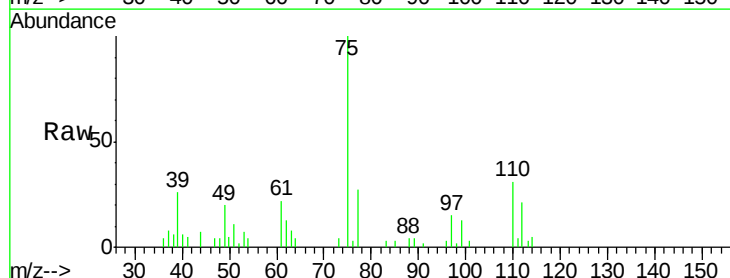
Acq: 12 Feb 2018 16:20

Tgt Ion: 75 Resp: 4948

Ion Ratio Lower Upper

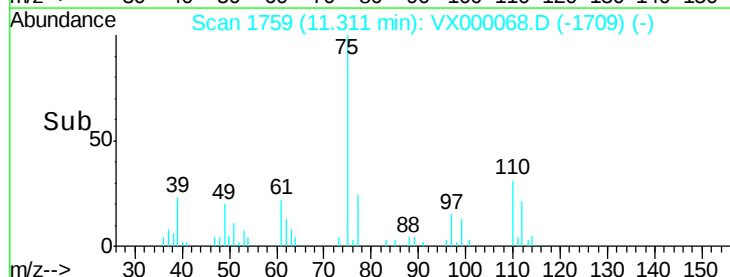
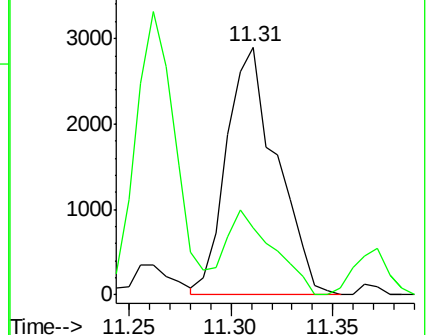
75 100

77 33.0 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: 1.87 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

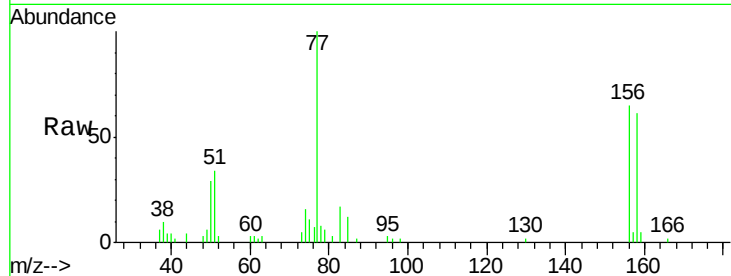
Tgt Ion:156 Resp: 2964

Ion Ratio Lower Upper

156 100

77 150.7 66.2 198.6

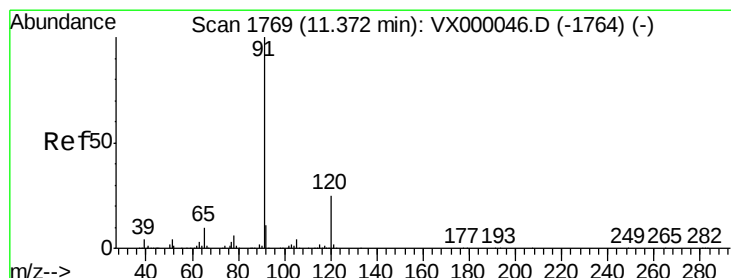
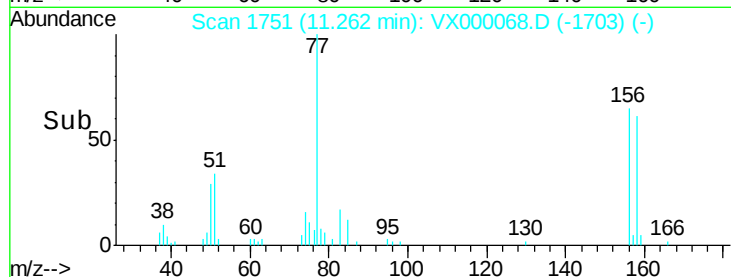
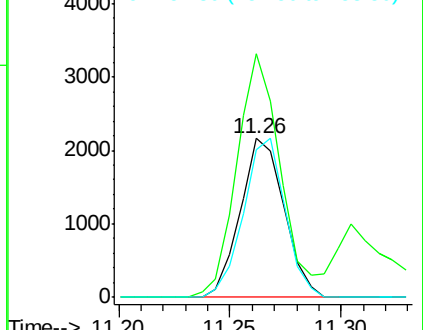
158 95.3 48.6 145.9



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: 2.06 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. -0.00 min

Lab File: VX000068.D

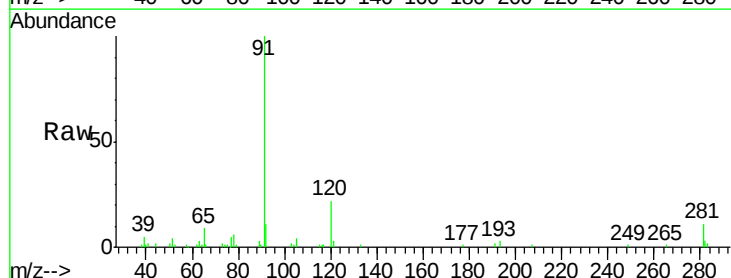
Acq: 12 Feb 2018 16:20

Tgt Ion: 91 Resp: 13931

Ion Ratio Lower Upper

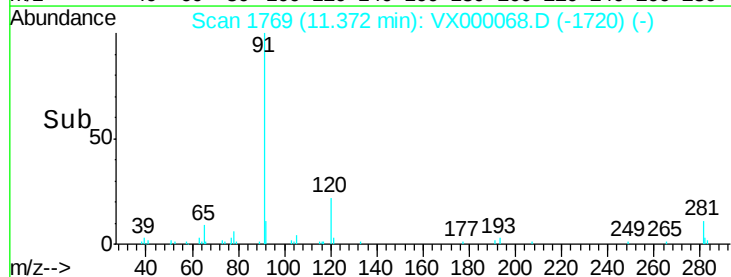
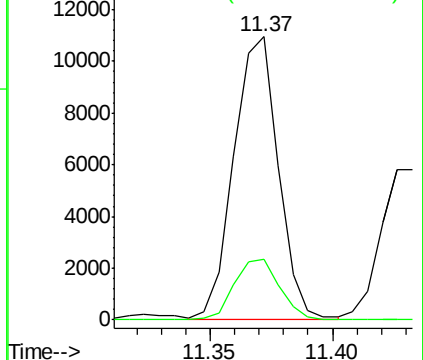
91 100

120 21.9 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.03 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

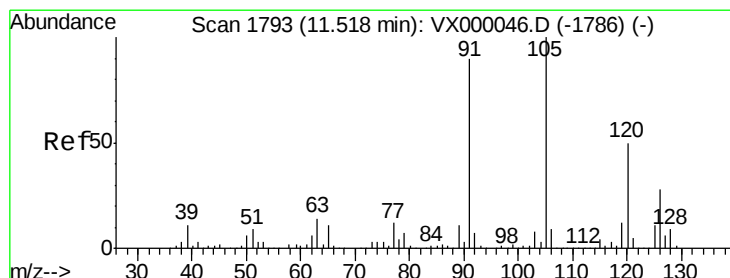
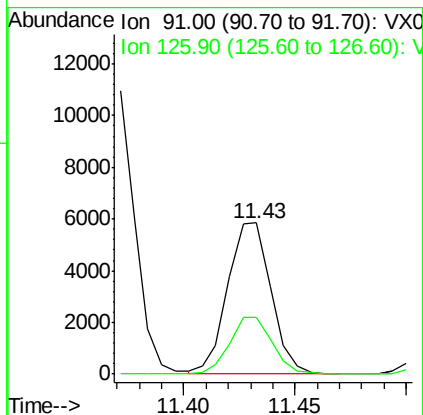
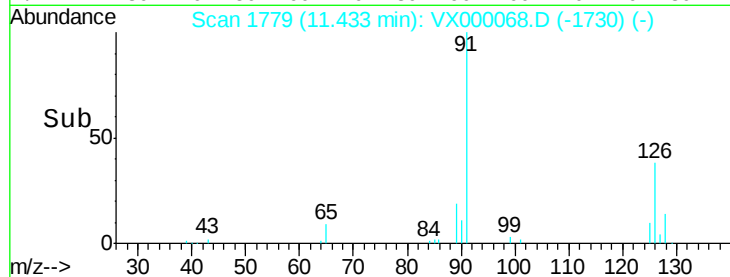
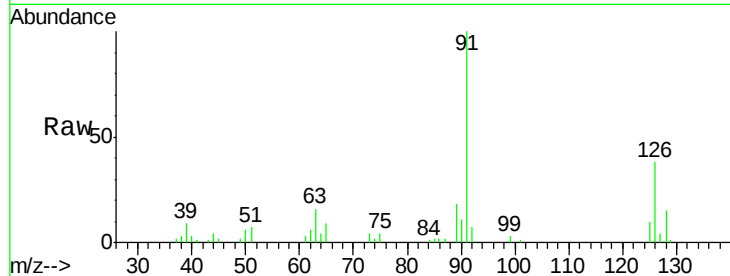
MDL 03

Tgt Ion: 91 Resp: 7945

Ion Ratio Lower Upper

91 100

126 37.1 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 1.96 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000068.D

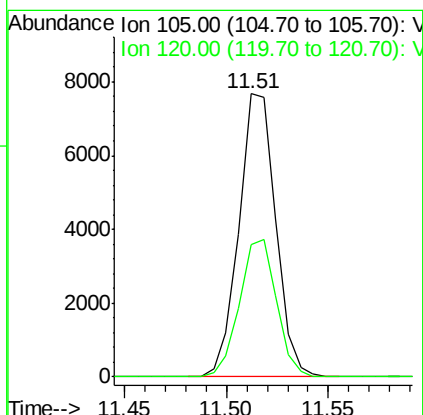
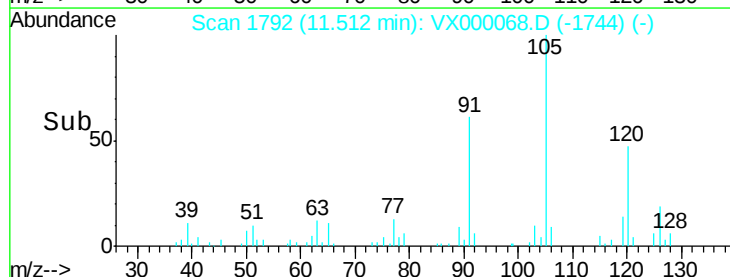
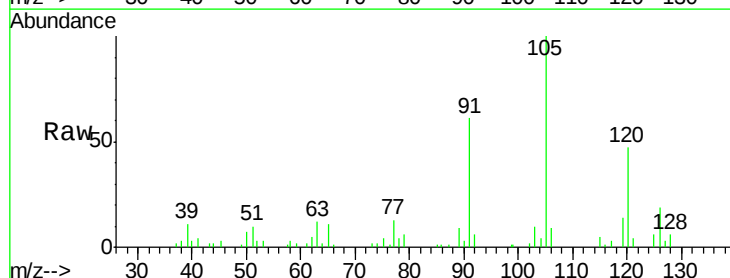
Acq: 12 Feb 2018 16:20

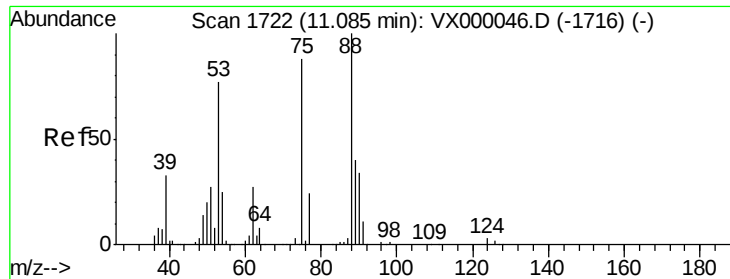
Tgt Ion: 105 Resp: 9601

Ion Ratio Lower Upper

105 100

120 48.9 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 56.44 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampleId :

MDL 03

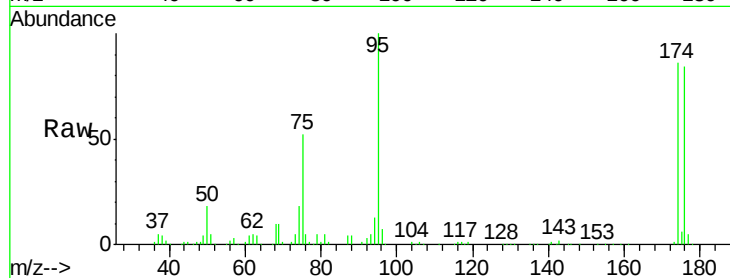
Tgt Ion: 75 Resp: 39503

Ion Ratio Lower Upper

75 100

53 0.0 70.3 105.5#

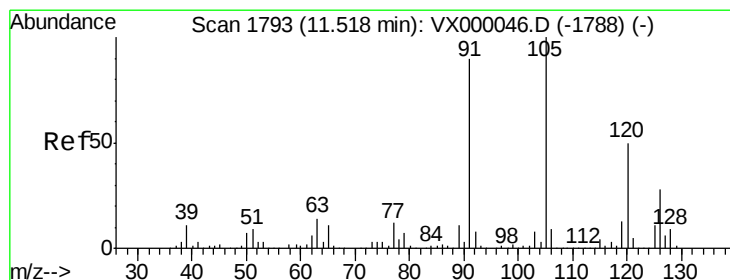
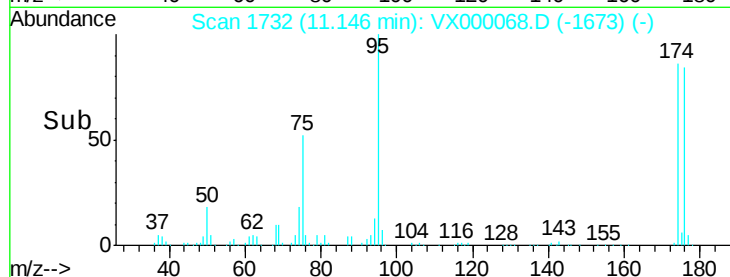
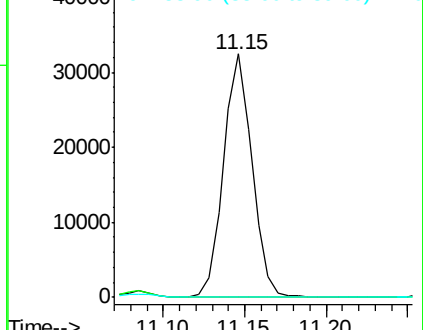
89 0.0 48.6 72.8#



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: 1.97 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000068.D

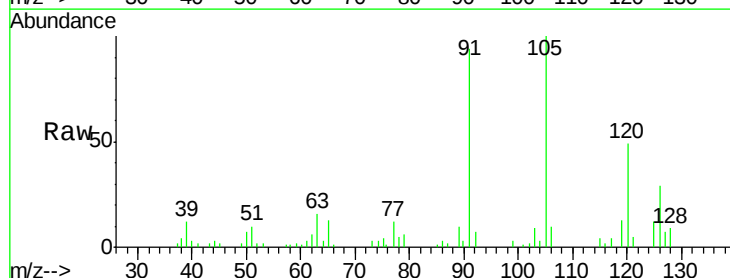
Acq: 12 Feb 2018 16:20

Tgt Ion: 91 Resp: 9196

Ion Ratio Lower Upper

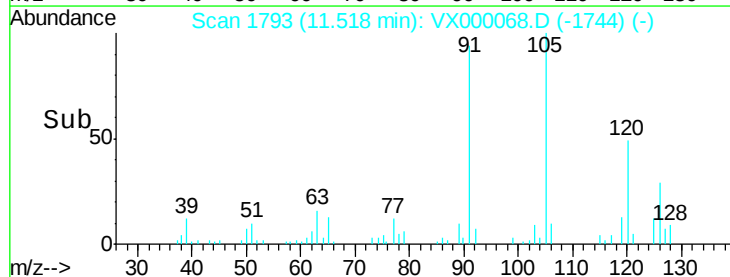
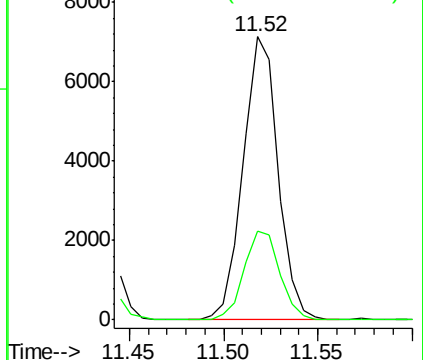
91 100

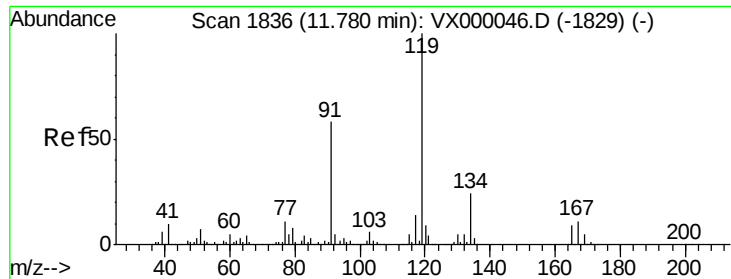
126 32.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

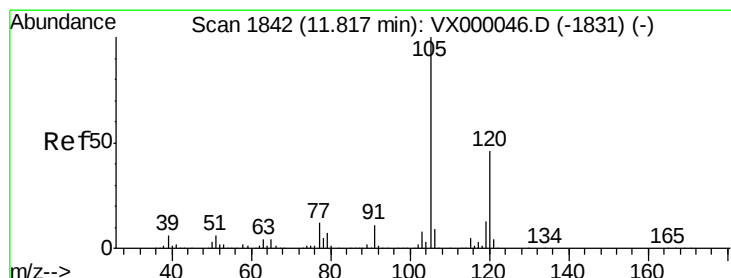
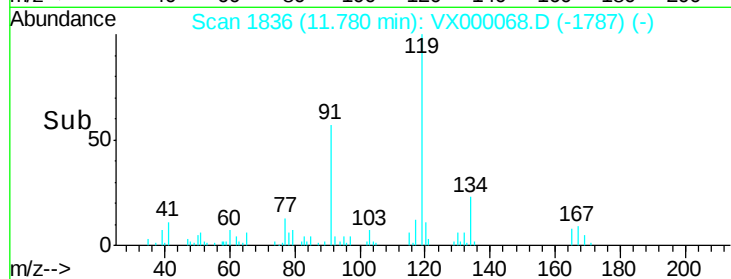
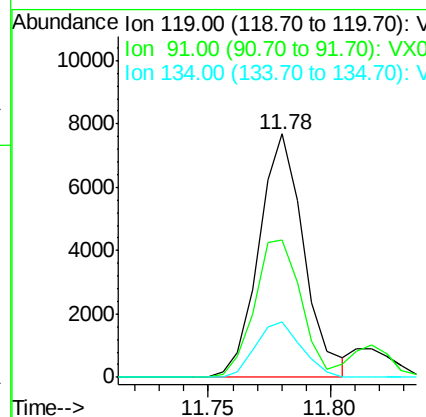
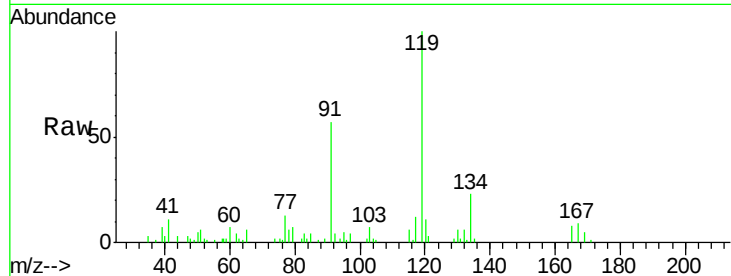




#83
 tert-Butylbenzene
 Concen: 2.01 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

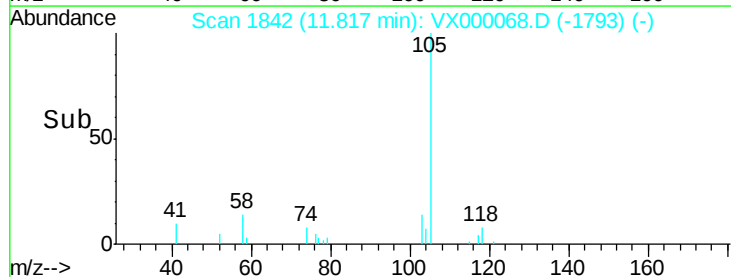
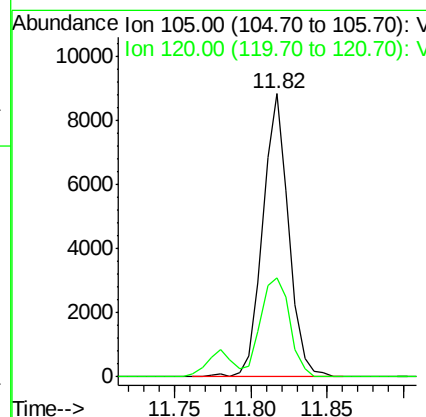
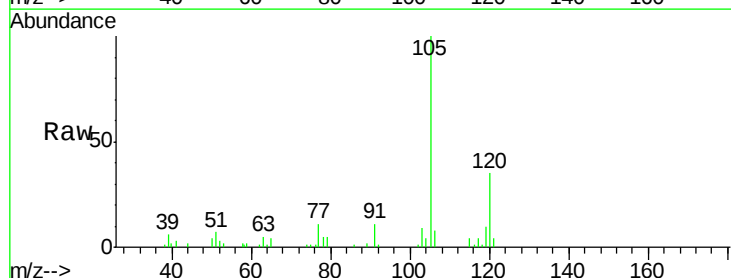
Instrument :
 ClientSampled :
 MDL 03

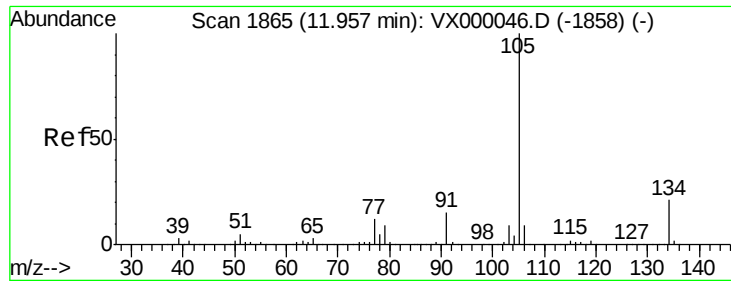
Tgt Ion:119 Resp: 9910
 Ion Ratio Lower Upper
 119 100
 91 58.2 27.9 83.7
 134 23.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 2.08 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

Tgt Ion:105 Resp: 10423
 Ion Ratio Lower Upper
 105 100
 120 39.6 23.4 70.2

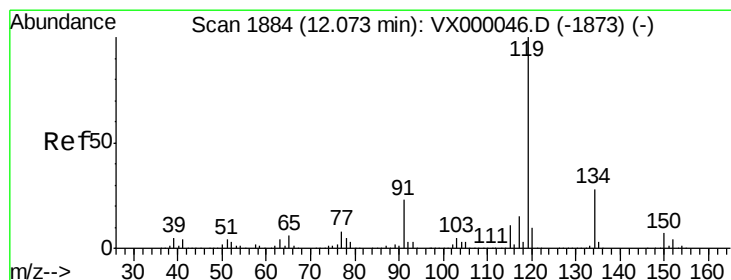
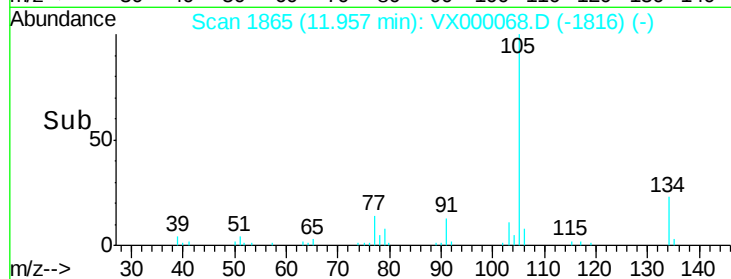
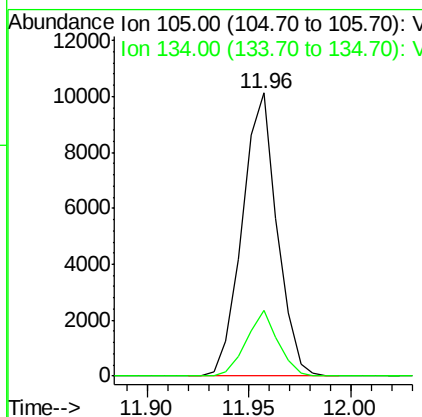
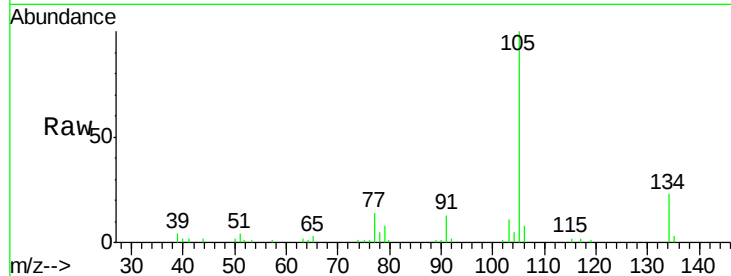




#85
 sec-Butylbenzene
 Concen: 1.97 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

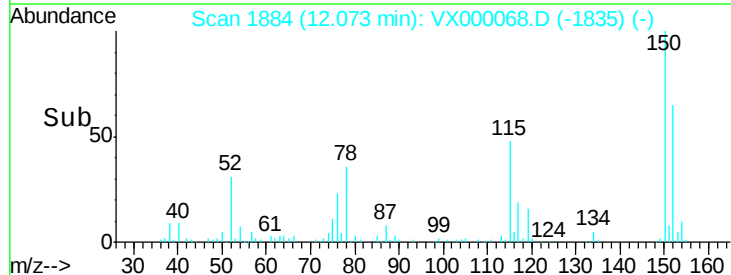
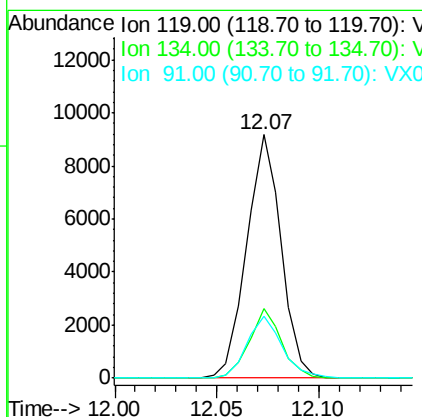
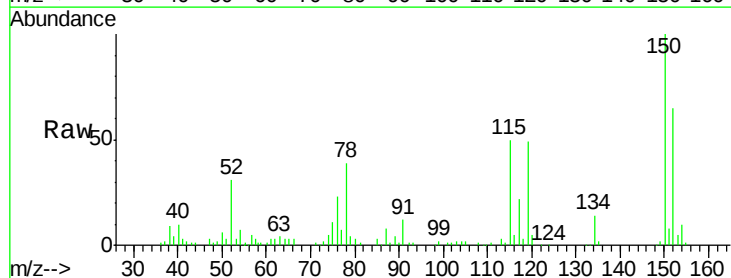
Instrument :
 ClientSampled :
 MDL 03

Tgt Ion:105 Resp: 11979
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 1.97 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

Tgt Ion:119 Resp: 10769
 Ion Ratio Lower Upper
 119 100
 134 27.0 14.0 41.9
 91 26.0 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 1.92 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

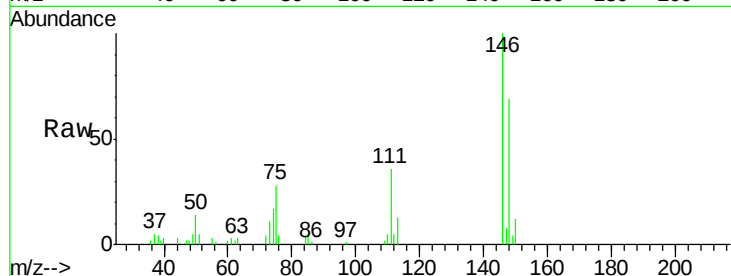
Tgt Ion:146 Resp: 5720

Ion Ratio Lower Upper

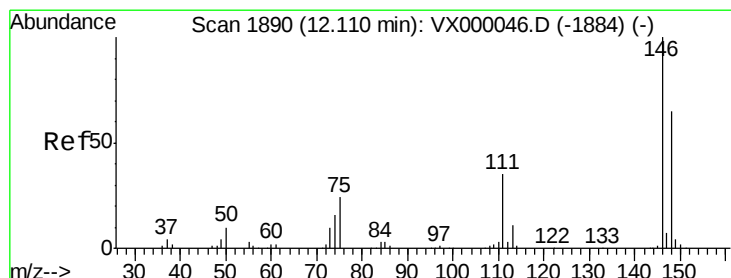
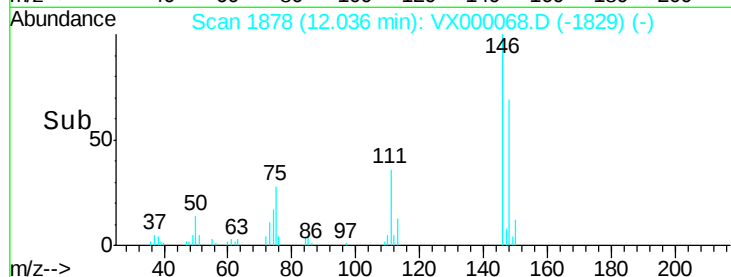
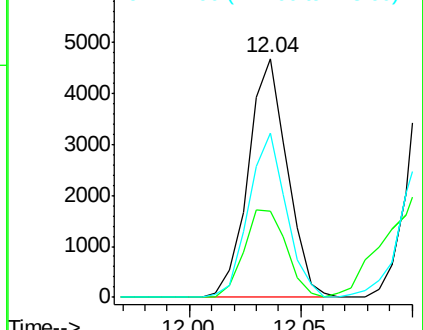
146 100

111 39.4 18.9 56.9

148 66.4 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: 1.87 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.07 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

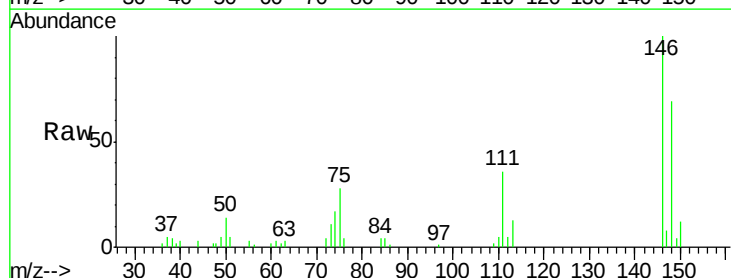
Tgt Ion:146 Resp: 5720

Ion Ratio Lower Upper

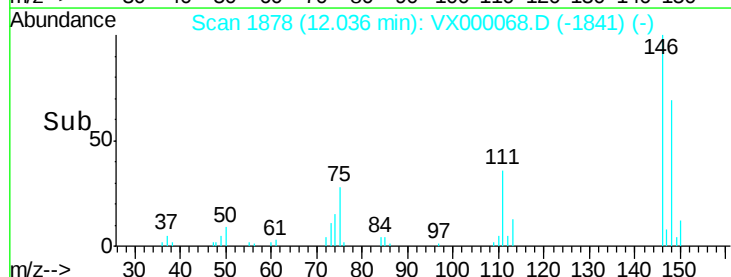
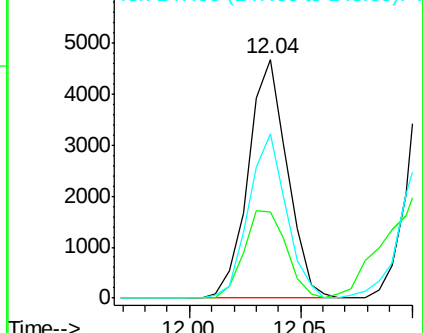
146 100

111 39.4 18.7 56.1

148 66.4 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: 1.94 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

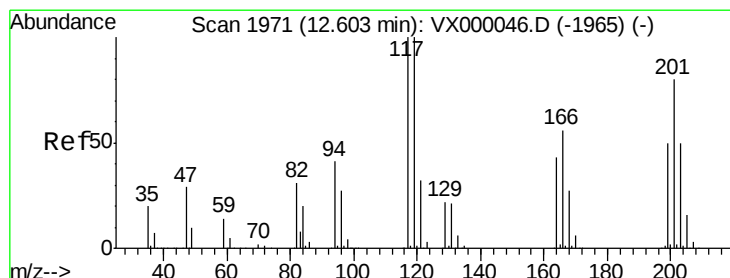
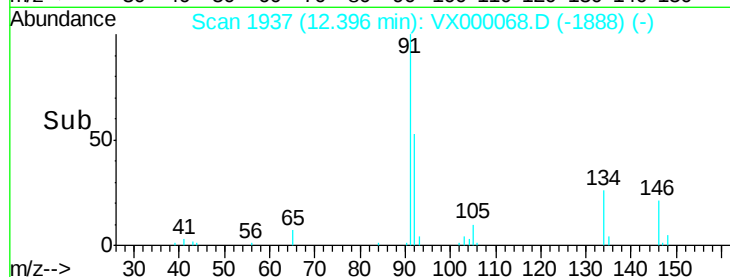
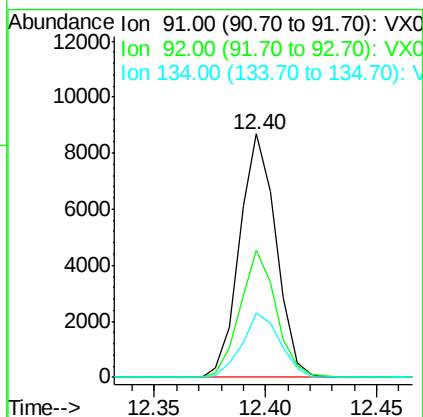
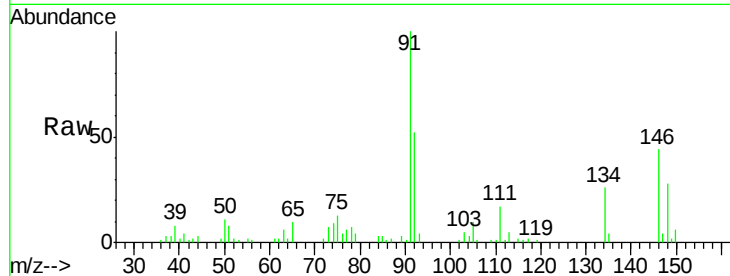
Tgt Ion: 91 Resp: 9909

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.2

134 27.3 14.1 42.2



#90

Hexachloroethane

Concen: 1.69 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000068.D

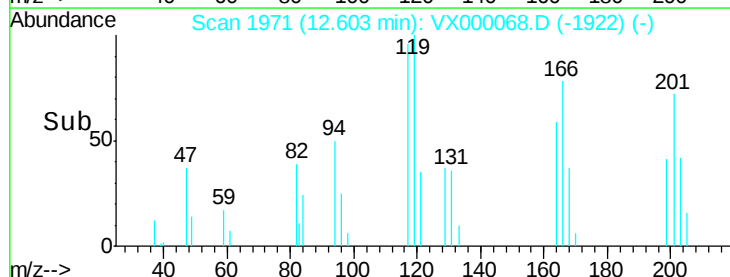
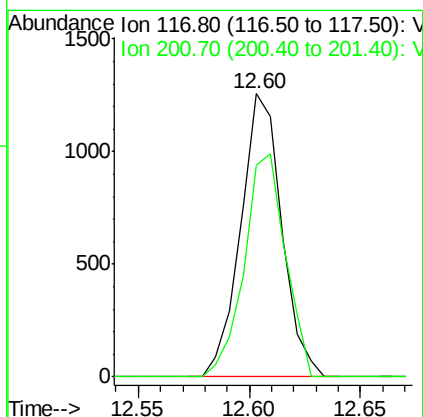
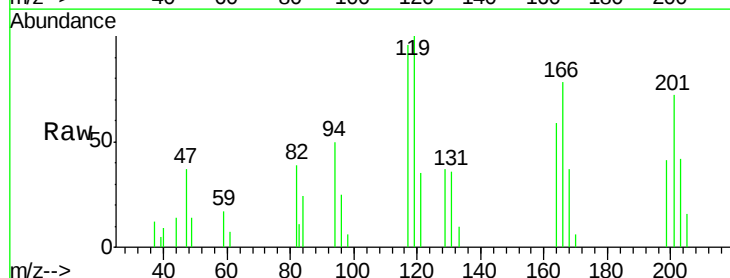
Acq: 12 Feb 2018 16:20

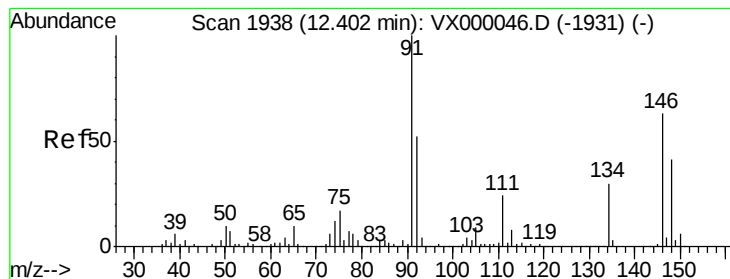
Tgt Ion: 117 Resp: 1614

Ion Ratio Lower Upper

117 100

201 78.9 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 1.93 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

Instrument :

ClientSampled :

MDL 03

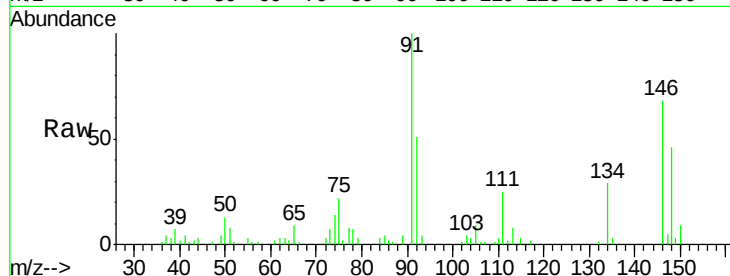
Tgt Ion:146 Resp: 5619

Ion Ratio Lower Upper

146 100

111 40.7 19.4 58.2

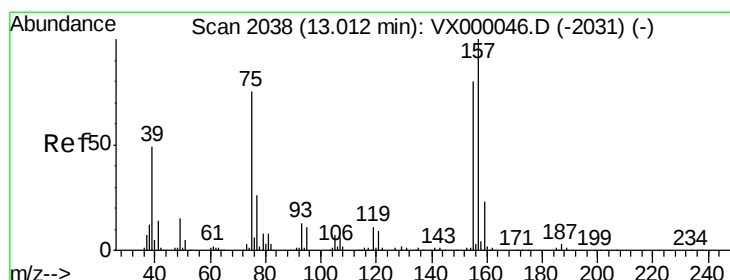
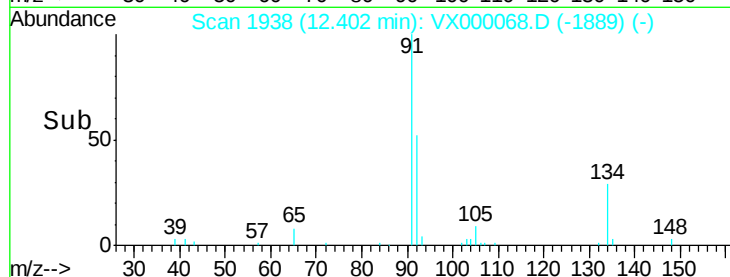
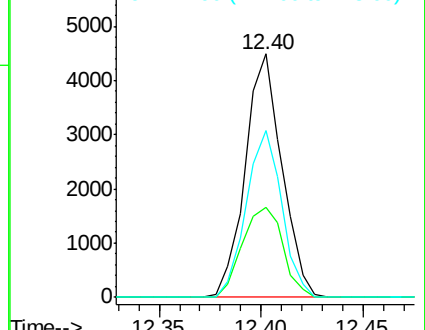
148 65.9 32.0 96.2



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: 2.18 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000068.D

Acq: 12 Feb 2018 16:20

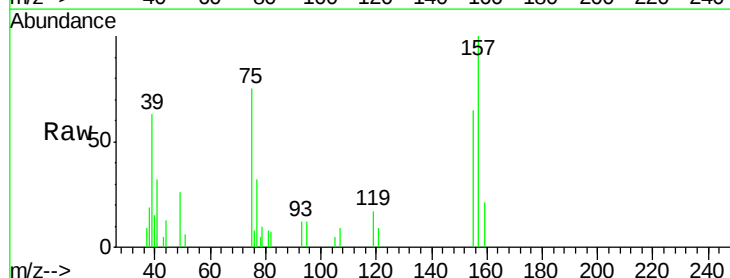
Tgt Ion: 75 Resp: 1239

Ion Ratio Lower Upper

75 100

155 80.5 52.0 156.0

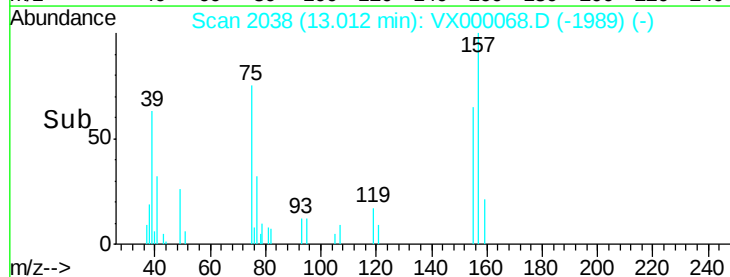
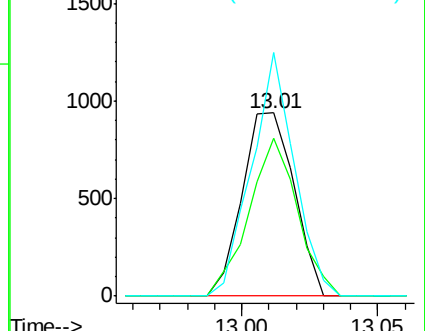
157 109.8 65.3 195.9

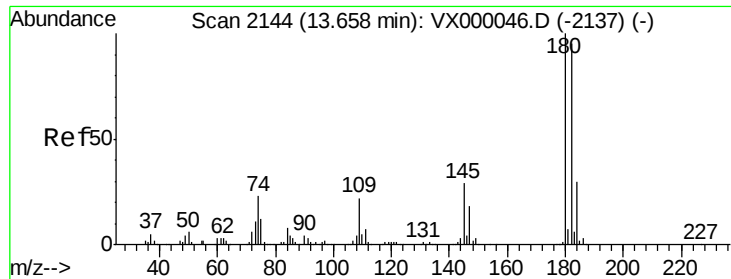


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

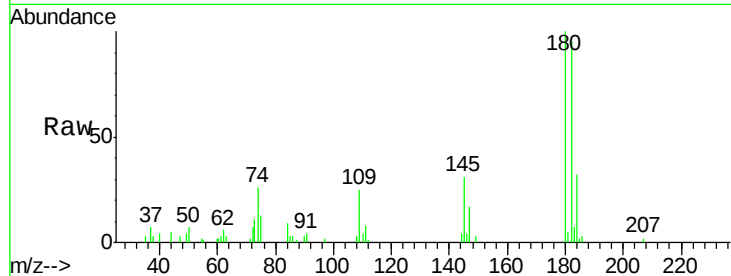




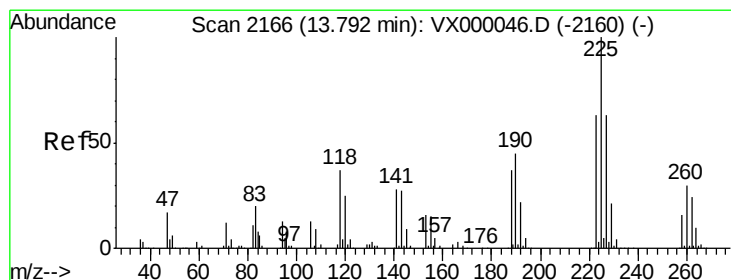
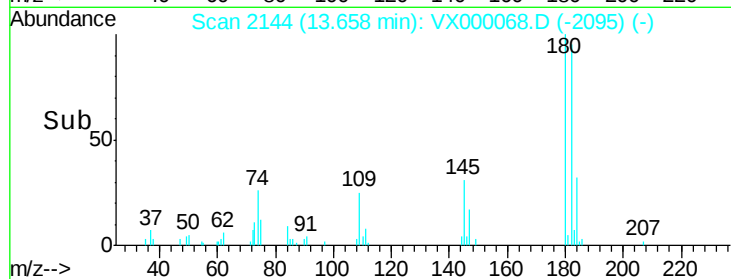
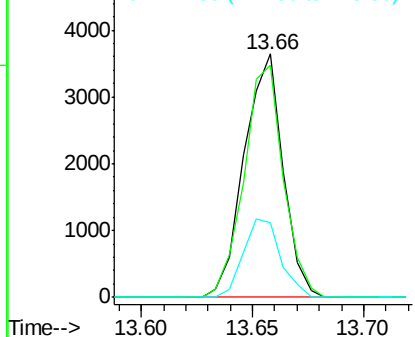
#93
 1,2,4-Trichlorobenzene
 Concen: 1.98 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

Instrument :
 ClientSampled :
 MDL 03

Tgt Ion:180 Resp: 4424
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.0 144.0
 145 30.9 14.7 44.1

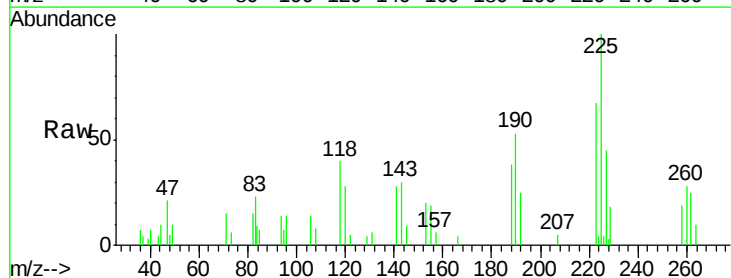


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

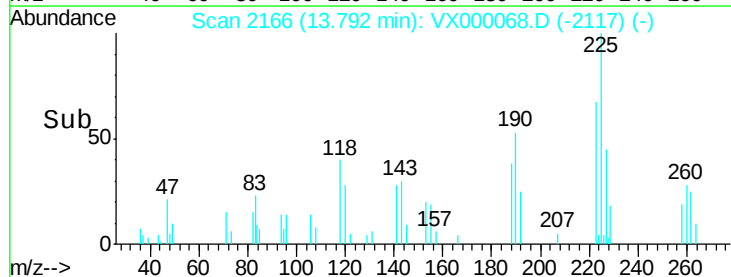
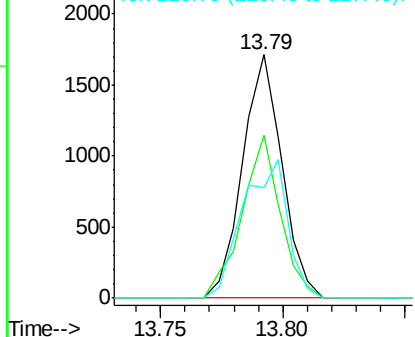


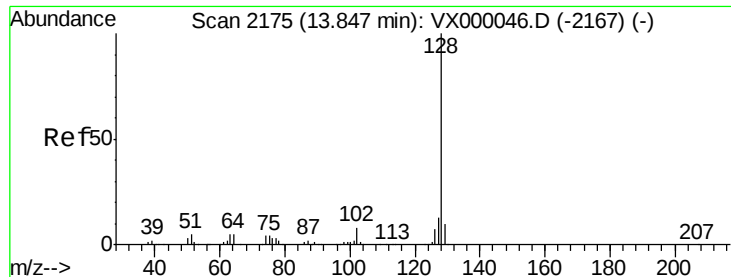
#94
 Hexachlorobutadiene
 Concen: 1.83 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000068.D
 Acq: 12 Feb 2018 16:20

Tgt Ion:225 Resp: 1925
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.9 95.5
 227 64.7 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

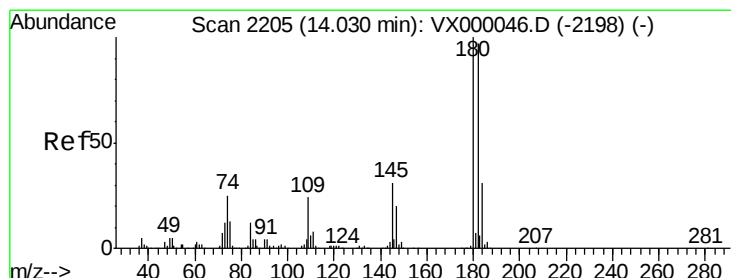
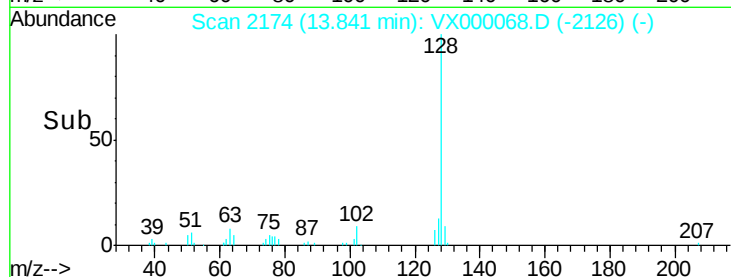
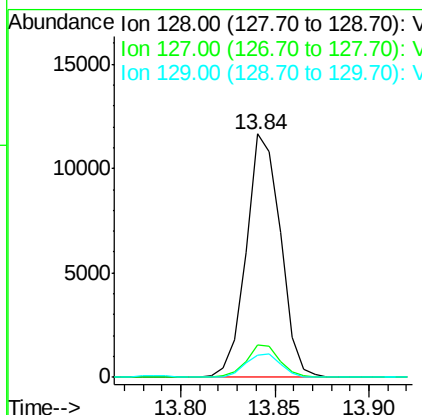
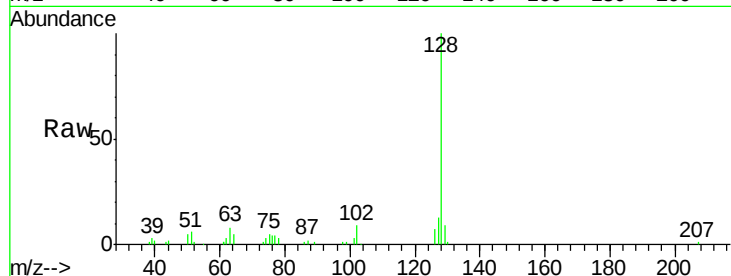




#95
Naphthalene
Concen: 2.02 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Instrument :
ClientSampled :
MDL 03

Tgt Ion:128 Resp: 14681
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 9.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.93 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000068.D
Acq: 12 Feb 2018 16:20

Tgt Ion:180 Resp: 4192
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.7
145 35.3 15.7 47.0

