

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
 Data File : VX000099.D
 Acq On : 15 Feb 2018 16:01
 Operator : JC/MD
 Sample : MDL07 0.75PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL09 0.75PPB

Quant Time: Feb 16 12:14:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	100998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	161445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85283	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	67480	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
35) Dibromofluoromethane	5.52	113	52488	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	8.73	98	208324	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.15	95	76386	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	812	0.78	ug/l	93
3) Chloromethane	1.32	50	849	0.83	ug/l	96
4) Vinyl Chloride	1.41	62	931	0.82	ug/l	90
5) Bromomethane	1.65	94	929	Below	Cal	96
6) Chloroethane	1.73	64	1288	1.69	ug/l	93
7) Trichlorofluoromethane	1.93	101	1591	0.78	ug/l	94
8) Diethyl Ether	2.20	74	570	0.81	ug/l #	50
9) 1,1,2-Trichlorotrifluoroet	2.39	101	939	0.83	ug/l	95
10) Methyl Iodide	2.52	142	736	0.59	ug/l #	94
11) Tert butyl alcohol	3.07	59	1971	4.06	ug/l #	86
12) 1,1-Dichloroethene	2.38	96	870	0.82	ug/l	97
13) Acrolein	2.28	56	50	0.22	ug/l #	1
14) Allyl chloride	2.74	41	1978	1.12	ug/l #	93
15) Acrylonitrile	3.15	53	3592	4.33	ug/l	96
16) Acetone	2.45	43	3989	4.88	ug/l	90
17) Carbon Disulfide	2.57	76	2532	0.81	ug/l #	87
18) Methyl Acetate	2.79	43	1664	0.87	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	2981	0.82	ug/l #	89
20) Methylene Chloride	2.86	84	1253	Below	Cal	96
21) trans-1,2-Dichloroethene	3.17	96	1013	0.88	ug/l	92
22) Diisopropyl ether	3.88	45	2867	0.93	ug/l #	90
23) Vinyl Acetate	3.83	43	12055	4.19	ug/l	96
24) 1,1-Dichloroethane	3.70	63	1816	0.99	ug/l #	82
25) 2-Butanone	4.73	43	4464	3.91	ug/l	96
26) 2,2-Dichloropropane	4.59	77	1256	0.79	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	810	0.74	ug/l	91
28) Bromochloromethane	5.03	49	642	0.78	ug/l #	96
29) Tetrahydrofuran	5.18	42	1545	2.08	ug/l #	31
30) Chloroform	5.22	83	1465	0.76	ug/l	93
31) Cyclohexane	5.58	56	1557	0.99	ug/l #	77
32) 1,1,1-Trichloroethane	5.50	97	1349	0.76	ug/l #	49
36) 1,1-Dichloropropene	5.81	75	1334	0.85	ug/l #	61
37) Ethyl Acetate	4.88	43	1750	0.82	ug/l #	78
38) Carbon Tetrachloride	5.80	117	1259	0.75	ug/l #	82

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 MDL09 0.75PPB

Quant Time: Feb 16 12:14:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.48	83	1451	0.77	ug/l #	63
40) Benzene	6.15	78	3443	0.77	ug/l #	89
41) Methacrylonitrile	5.07	41	967	0.42	ug/l #	40
42) 1,2-Dichloroethane	6.21	62	1271	0.78	ug/l	92
43) Isopropyl Acetate	6.48	43	2409	0.78	ug/l #	93
44) Trichloroethene	7.23	130	987	0.75	ug/l	89
45) 1,2-Dichloropropane	7.52	63	826	0.76	ug/l	96
46) Dibromomethane	7.67	93	634	0.74	ug/l	94
47) Bromodichloromethane	7.91	83	995	0.63	ug/l #	72
48) Methyl methacrylate	7.79	41	1161	0.77	ug/l #	89
49) 1,4-Dioxane	7.77	88	540	13.57	ug/l #	82
51) 4-Methyl-2-Pentanone	8.66	43	7951	3.51	ug/l	94
52) Toluene	8.79	92	2123	0.71	ug/l	94
53) t-1,3-Dichloropropene	8.45	75	1307	0.70	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	1264	0.69	ug/l	89
55) 1,1,2-Trichloroethane	9.23	97	867	0.70	ug/l #	74
56) Ethyl methacrylate	9.20	69	1223	0.65	ug/l #	81
57) 1,3-Dichloropropane	9.38	76	1317	0.67	ug/l	92
59) 2-Hexanone	9.51	43	6374	3.33	ug/l	98
60) Dibromochloromethane	9.59	129	852	0.61	ug/l	95
61) 1,2-Dibromoethane	9.68	107	983	0.72	ug/l	99
64) Tetrachloroethene	9.34	164	860	0.73	ug/l	95
65) Chlorobenzene	10.15	112	2678	0.79	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.23	131	853	0.72	ug/l #	63
67) Ethyl Benzene	10.26	91	4225	0.74	ug/l	96
68) m/p-Xylenes	10.37	106	3227	1.42	ug/l	95
69) o-Xylene	10.71	106	1532	0.70	ug/l	89
70) Styrene	10.72	104	2399	0.67	ug/l	91
71) Bromoform	10.87	173	669	0.62	ug/l #	95
73) Isopropylbenzene	11.02	105	4306	0.80	ug/l	99
74) N-amyl acetate	6.48	43	2409	0.88	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.28	83	1378	0.73	ug/l	91
76) 1,2,3-Trichloropropane	11.31	75	1700	0.96	ug/l	85
77) Bromobenzene	11.27	156	1105	0.75	ug/l	89
78) n-propylbenzene	11.37	91	5183	0.81	ug/l	98
79) 2-Chlorotoluene	11.43	91	2878	0.79	ug/l	93
80) 1,3,5-Trimethylbenzene	11.52	105	3599	0.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.15	75	40769	65.73	ug/l #	12
82) 4-Chlorotoluene	11.52	91	3657	0.83	ug/l	95
83) tert-Butylbenzene	11.78	119	3491	0.76	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	3354	0.71	ug/l	100
85) sec-Butylbenzene	11.96	105	4446	0.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	3654	0.71	ug/l	86
87) 1,3-Dichlorobenzene	12.04	146	2196	0.78	ug/l	96
88) 1,4-Dichlorobenzene	12.04	146	2196	0.76	ug/l	96
89) n-Butylbenzene	12.40	91	3999	0.83	ug/l	95
90) Hexachloroethane	12.60	117	537	0.64	ug/l	83
91) 1,2-Dichlorobenzene	12.40	146	2237	0.81	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.01	75	324	0.62	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	1729	0.83	ug/l	84

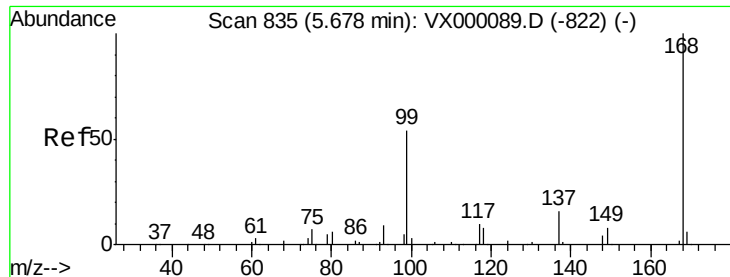
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Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	674	0.74	ug/l	92
95) Naphthalene	13.85	128	4829	0.69	ug/l	97
96) 1,2,3-Trichlorobenzene	14.03	180	1363	0.67	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

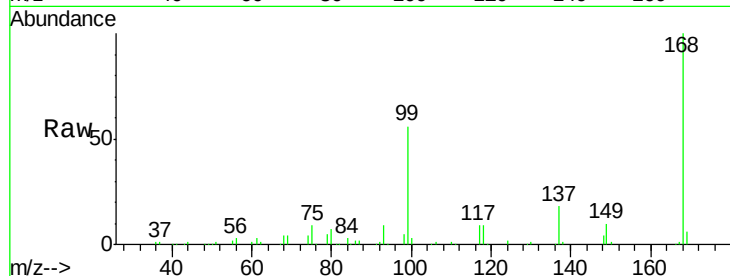
MDL09 0.75PPB

Tot Ion:168 Resp: 100998

Ion Ratio Lower Upper

168 100

99 56.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

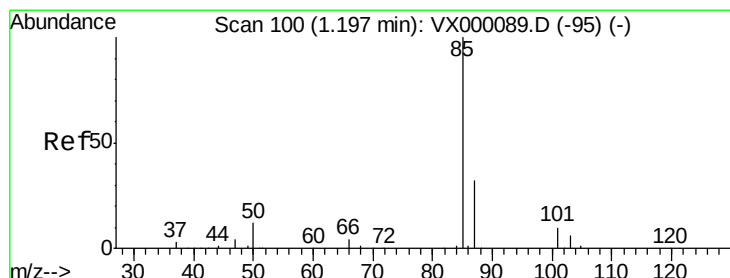
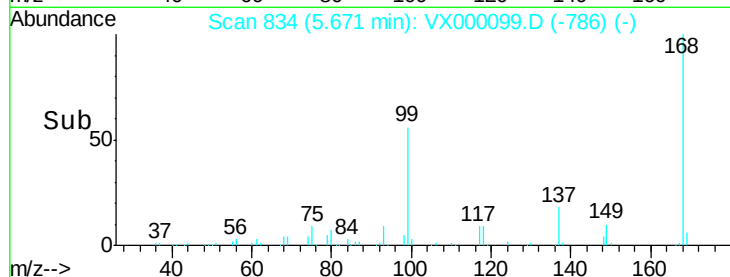
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.78 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000099.D

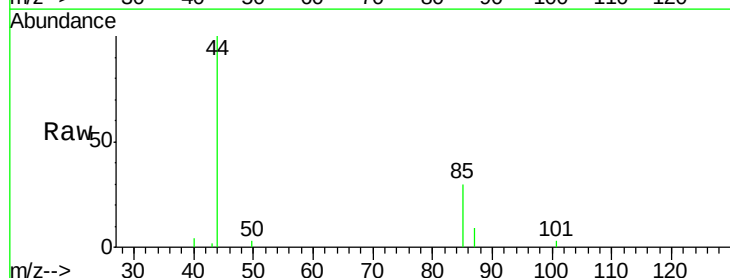
Acq: 15 Feb 2018 16:01

Tgt Ion: 85 Resp: 812

Ion Ratio Lower Upper

85 100

87 28.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

1000

800

600

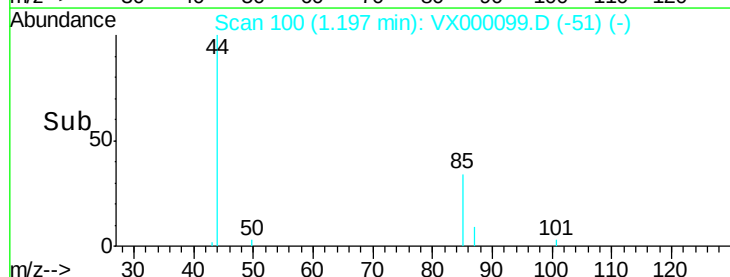
400

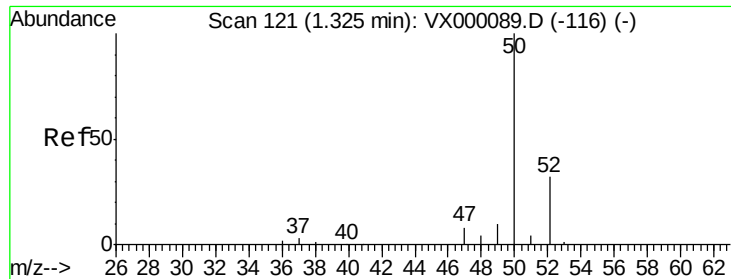
200

0

1.15 1.20 1.25

Time-->

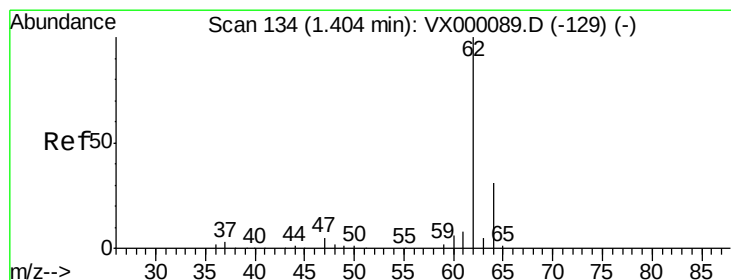
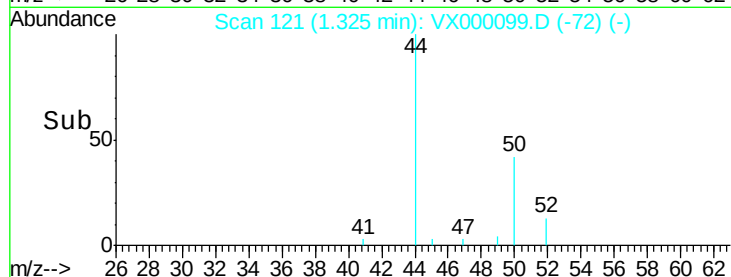
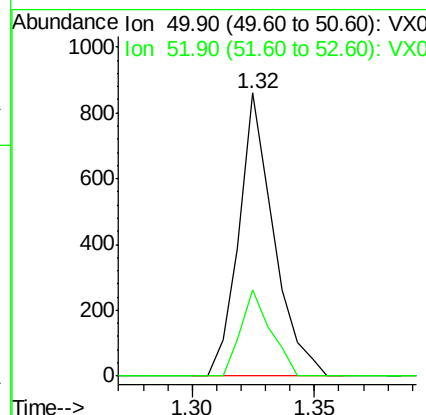
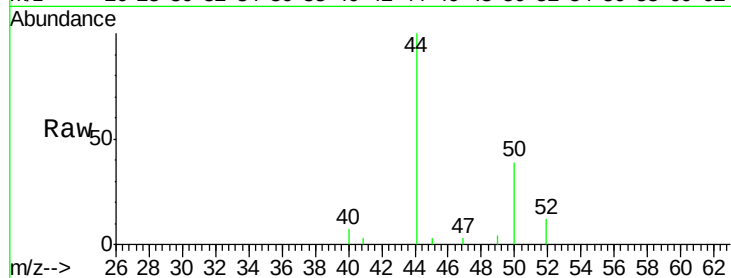




#3
 Chloromethane
 Concen: 0.83 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

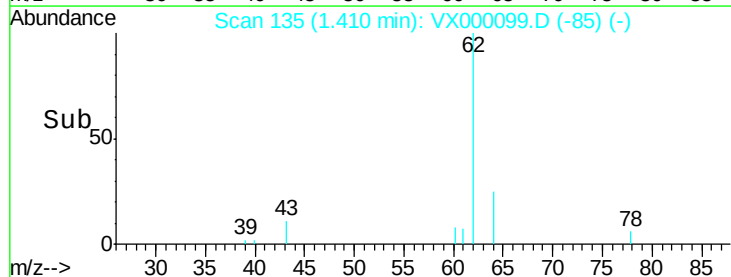
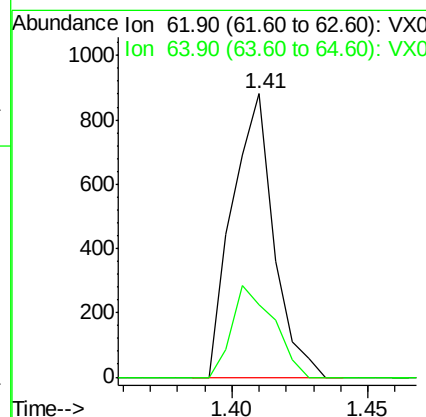
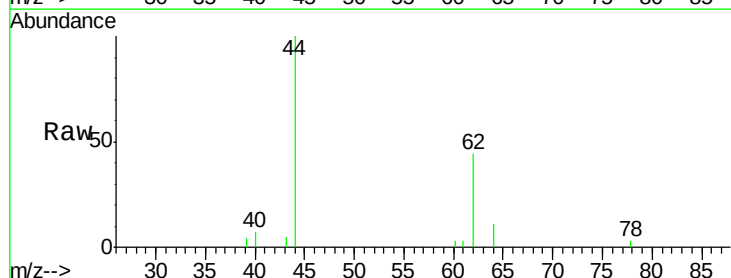
Instrument :
 ClientSampled :
 MDL09 0.75PPB

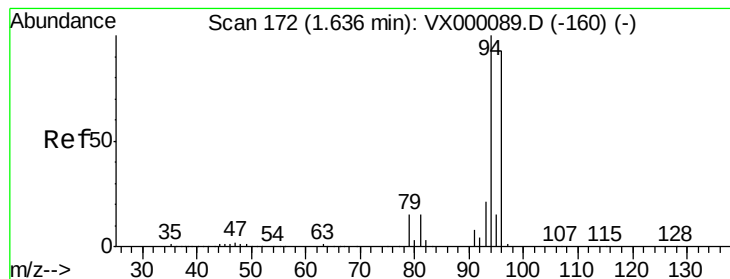
Tot Ion: 50 Resp: 849
 Ion Ratio Lower Upper
 50 100
 52 30.3 25.9 38.9



#4
 Vinyl Chloride
 Concen: 0.82 ug/l
 RT: 1.41 min Scan# 135
 Delta R.T. 0.01 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Tgt Ion: 62 Resp: 931
 Ion Ratio Lower Upper
 62 100
 64 25.3 24.6 37.0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampleId :

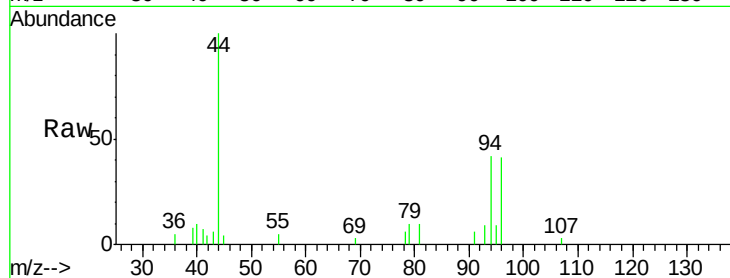
MDL09 0.75PPB

Tot Ion: 94 Resp: 929

Ion Ratio Lower Upper

94 100

96 97.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

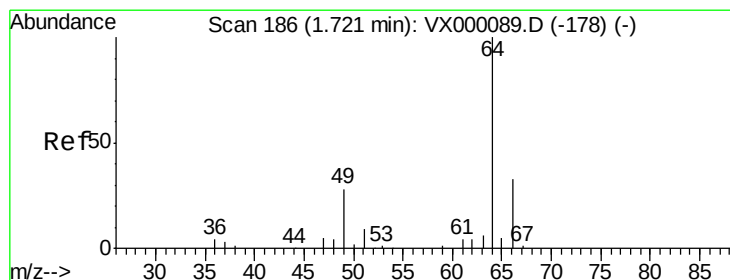
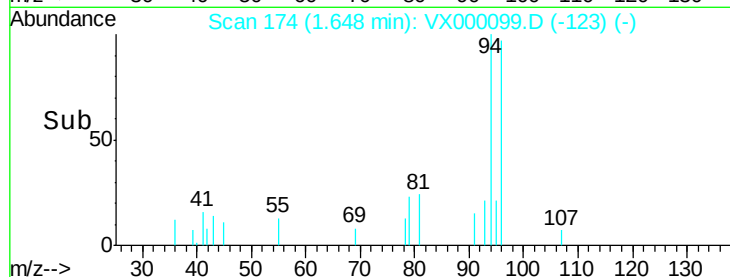
600

400

200

0

Time-->



#6

Chloroethane

Concen: 1.69 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000099.D

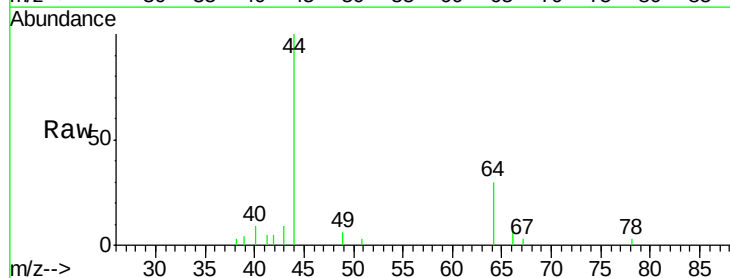
Acq: 15 Feb 2018 16:01

Tgt Ion: 64 Resp: 1288

Ion Ratio Lower Upper

64 100

66 28.5 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

600

500

400

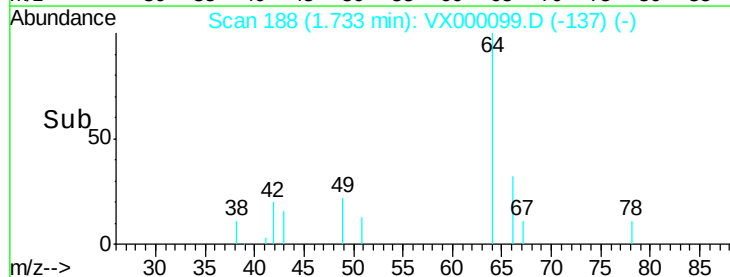
300

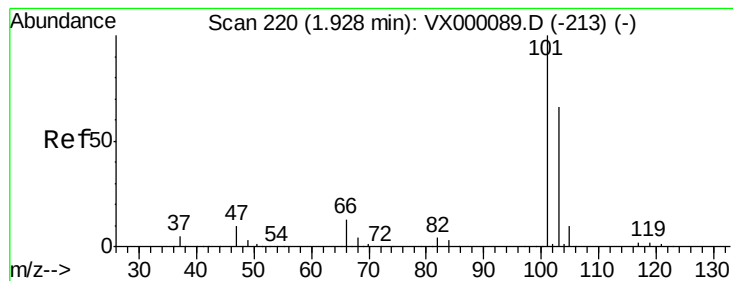
200

100

0

Time-->



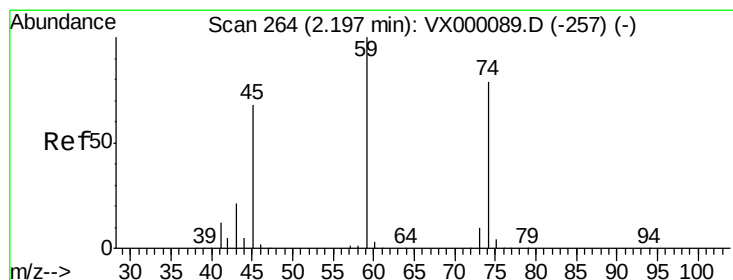
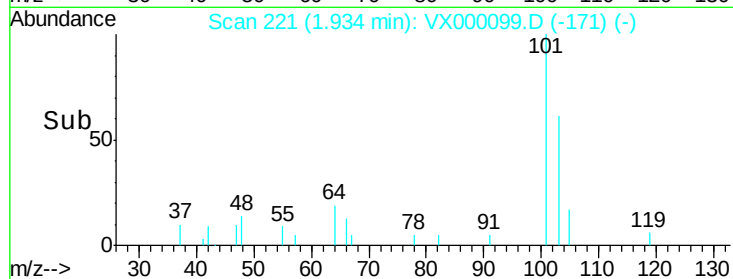
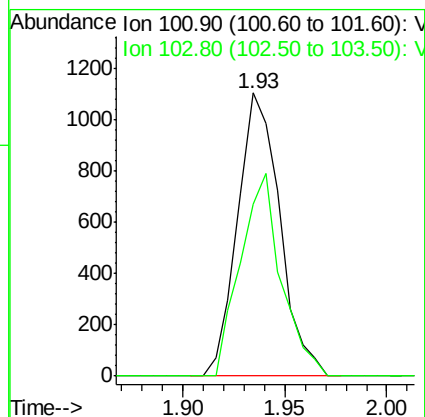
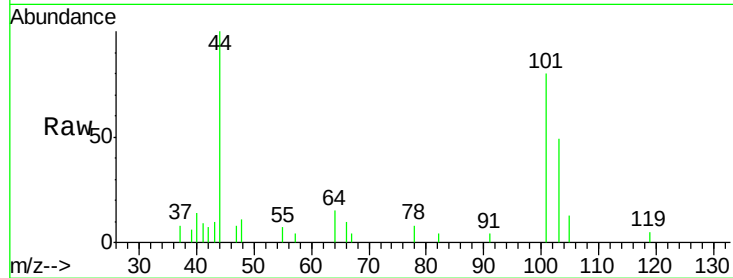


#7

Trichlorofluoromethane
Concen: 0.78 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Instrument :
ClientSampled :
MDL09 0.75PPB

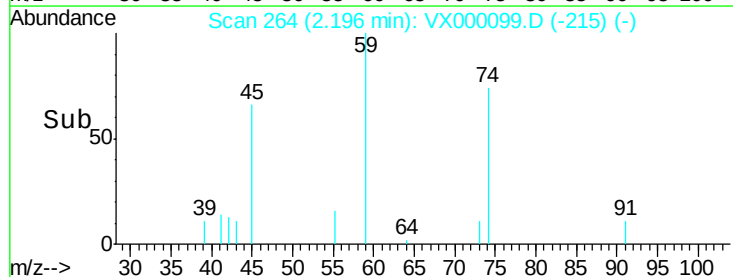
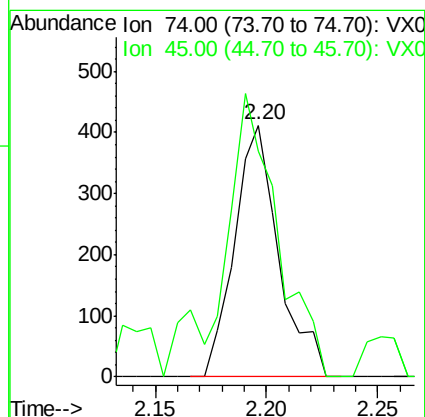
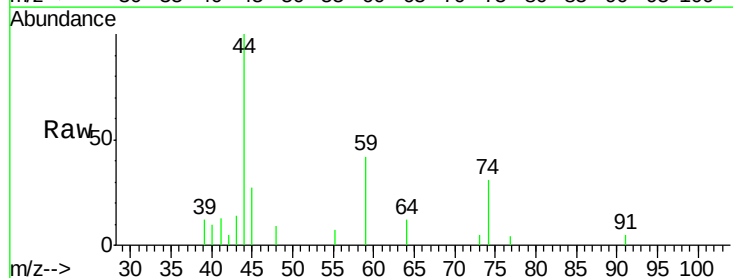
Tot Ion:101 Resp: 1591
Ion Ratio Lower Upper
101 100
103 60.7 52.7 79.1

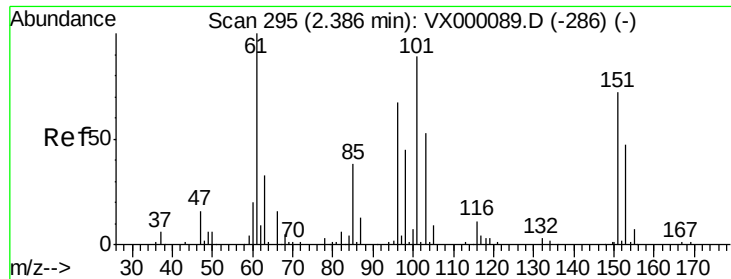


#8

Diethyl Ether
Concen: 0.81 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 74 Resp: 570
Ion Ratio Lower Upper
74 100
45 136.5 44.7 134.1#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.83 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

MDL09 0.75PPB

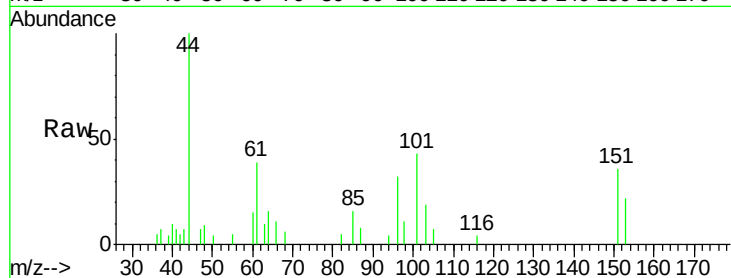
Tot Ion:101 Resp: 939

Ion Ratio Lower Upper

101 100

85 40.7 36.7 55.1

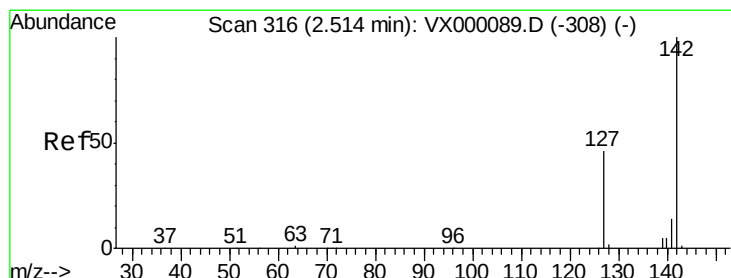
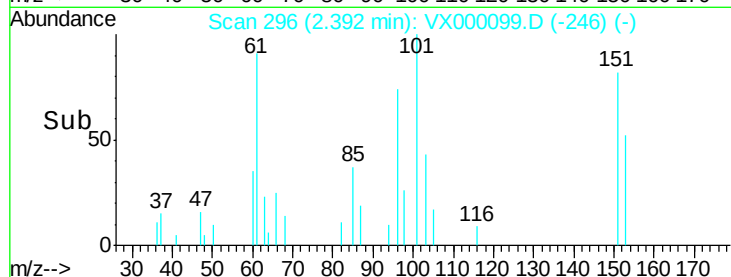
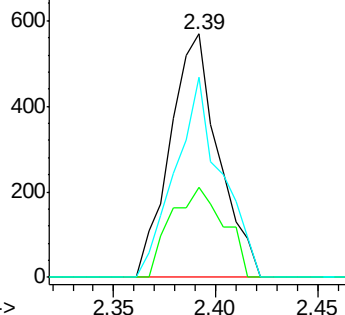
151 78.6 65.8 98.6



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: 0.59 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

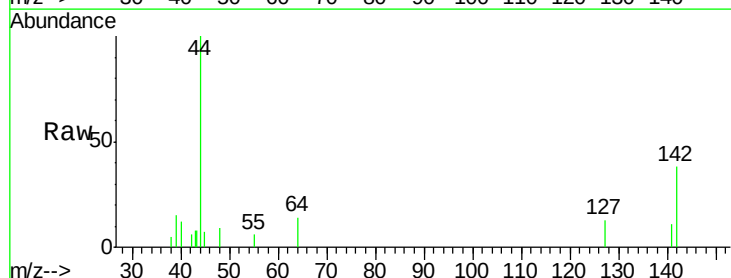
Tgt Ion:142 Resp: 736

Ion Ratio Lower Upper

142 100

127 49.6 36.8 55.2

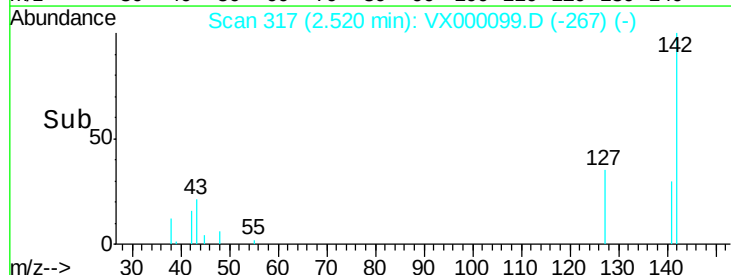
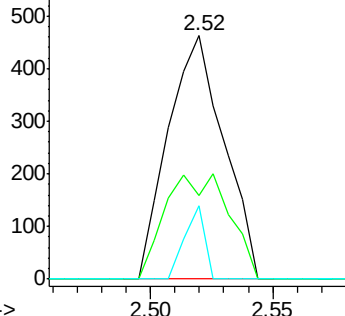
141 10.6 11.6 17.4#

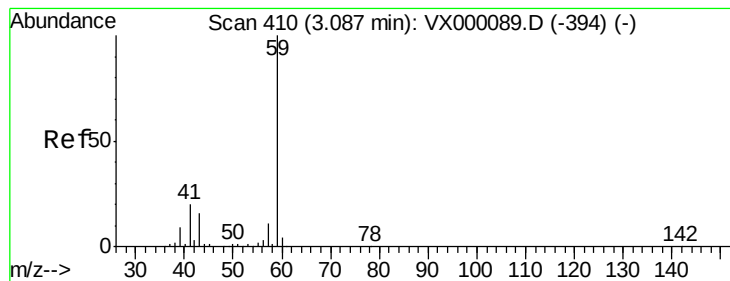


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



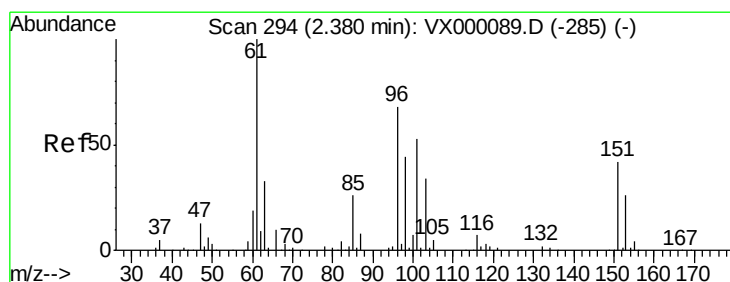
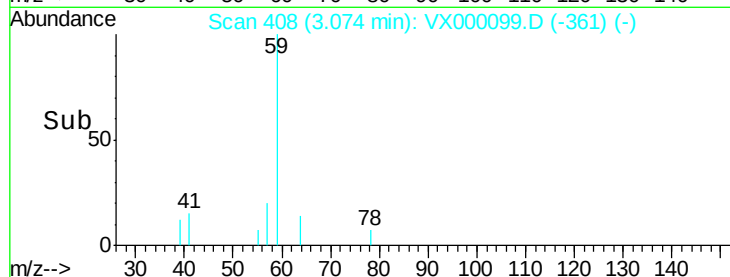
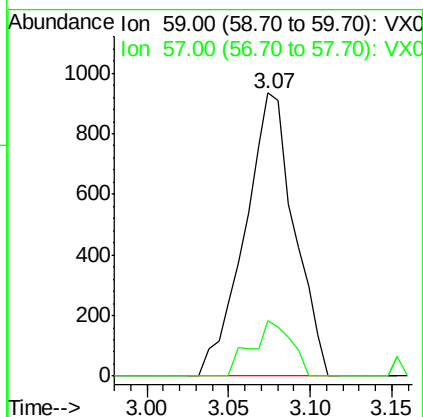
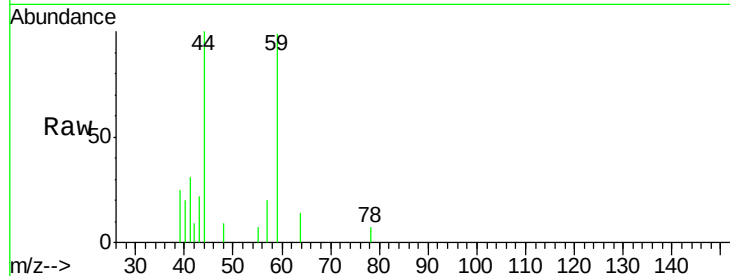


#11

Tert butyl alcohol
Concen: 4.06 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Instrument :
ClientSampled :
MDL09 0.75PPB

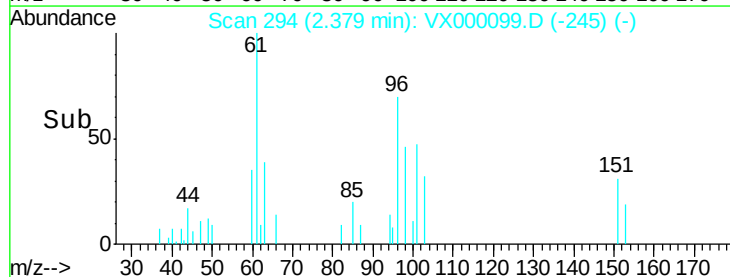
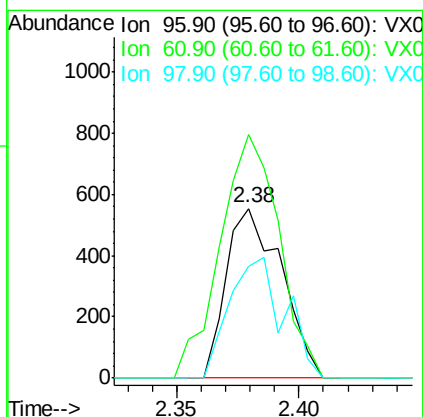
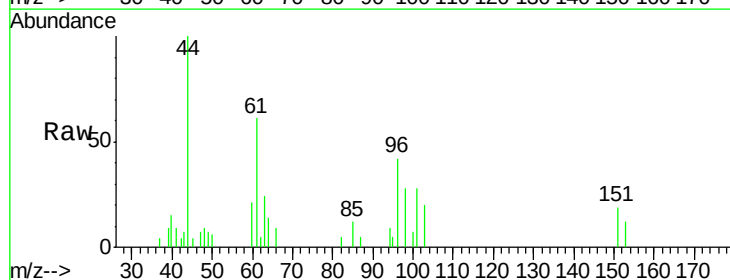
Tot Ion: 59 Resp: 1971
Ion Ratio Lower Upper
59 100
57 15.6 8.3 12.5#

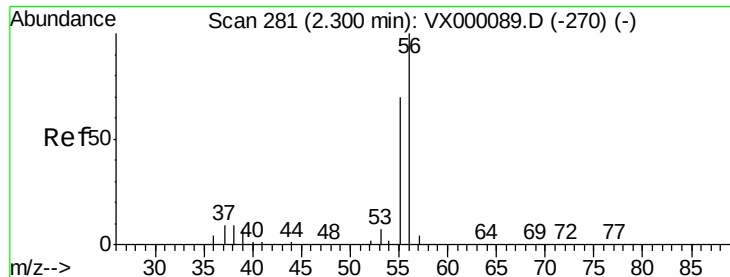


#12

1,1-Dichloroethene
Concen: 0.82 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 96 Resp: 870
Ion Ratio Lower Upper
96 100
61 143.7 117.7 176.5
98 65.7 51.3 76.9





#13

Acrolein

Concen: 0.22 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.02 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

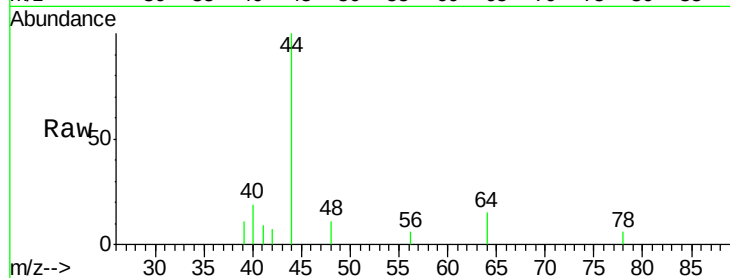
Instrument :
ClientSampled :
MDL09 0.75PPB

Tot Ion: 56 Resp: 50

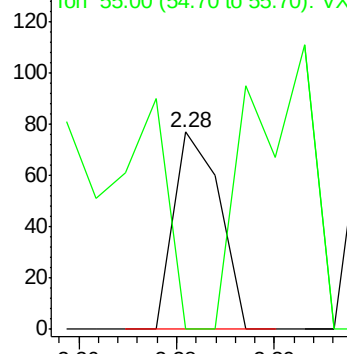
Ion Ratio Lower Upper

56 100

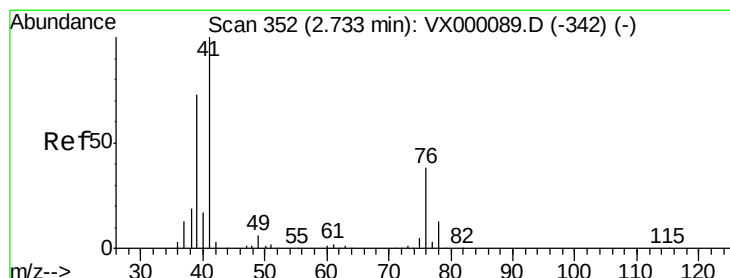
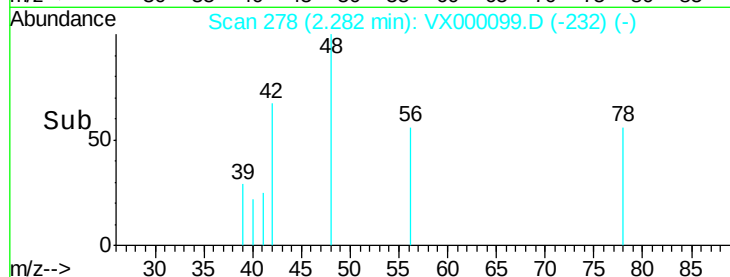
55 308.0 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 1.12 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

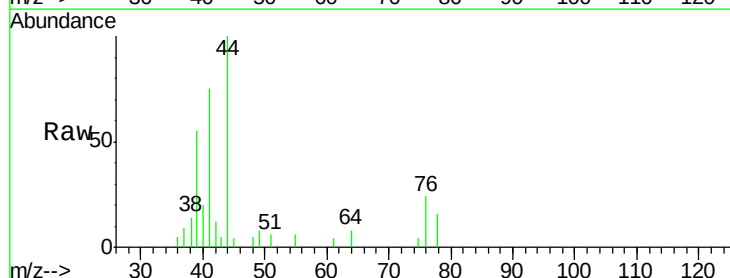
Tgt Ion: 41 Resp: 1978

Ion Ratio Lower Upper

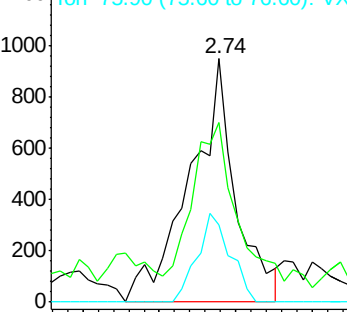
41 100

39 67.2 55.1 82.7

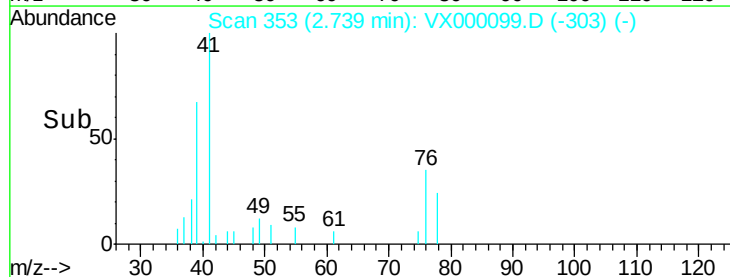
76 26.4 28.5 42.7#

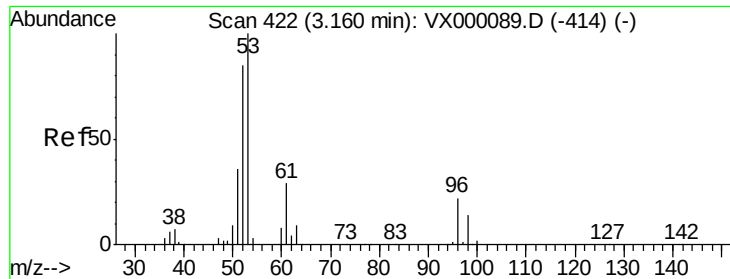


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 4.33 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

MDL09 0.75PPB

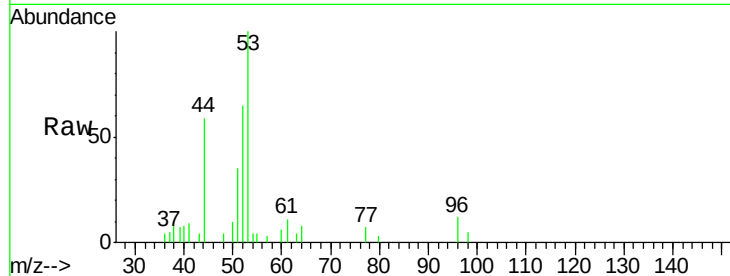
Tot Ion: 53 Resp: 3592

Ion Ratio Lower Upper

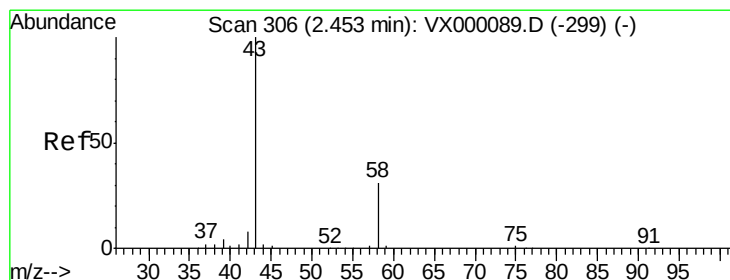
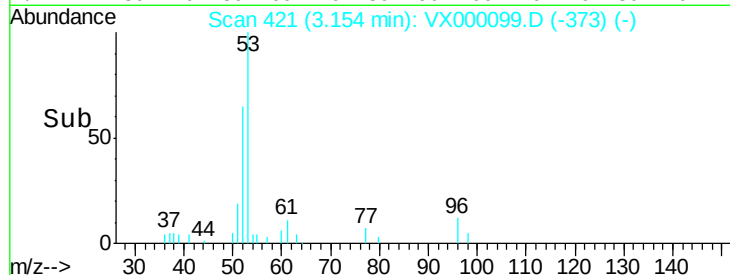
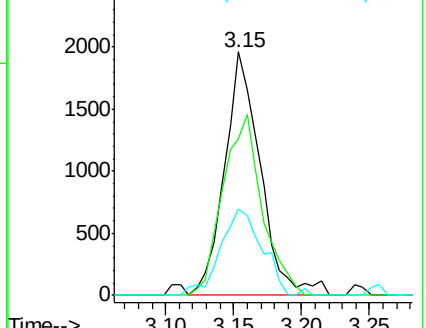
53 100

52 81.3 66.5 99.7

51 40.9 29.0 43.6



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: 4.88 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000099.D

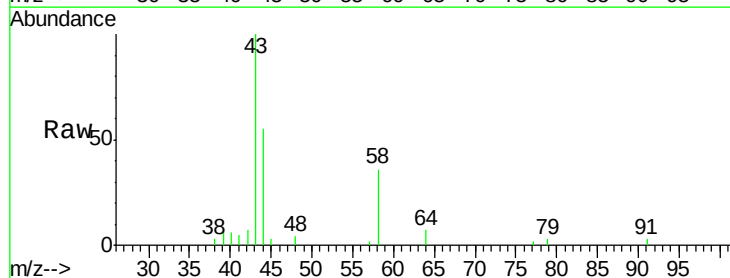
Acq: 15 Feb 2018 16:01

Tgt Ion: 43 Resp: 3989

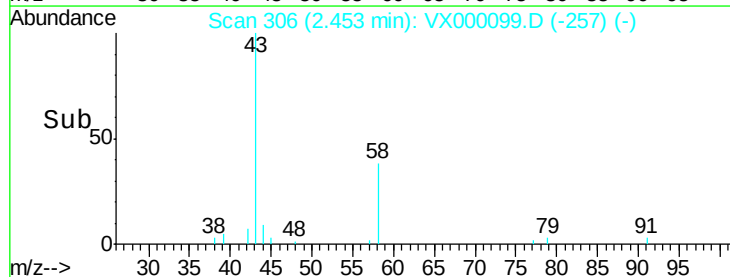
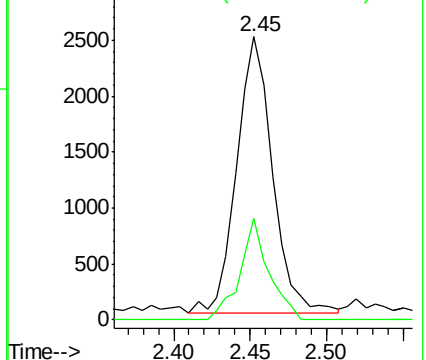
Ion Ratio Lower Upper

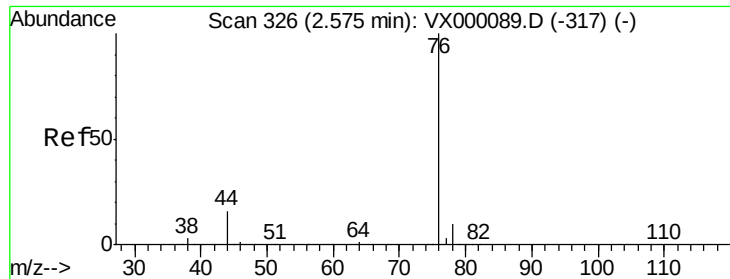
43 100

58 36.6 25.0 37.4



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





#17

Carbon Disulfide

Concen: 0.81 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

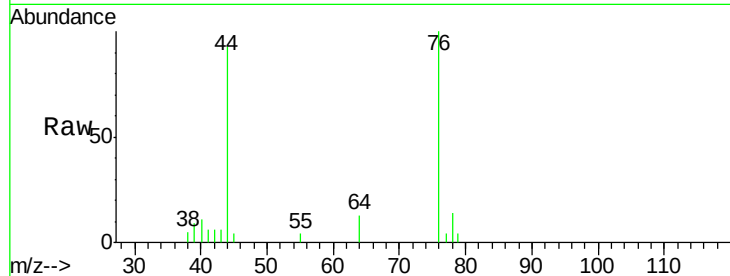
MDL09 0.75PPB

Tot Ion: 76 Resp: 2532

Ion Ratio Lower Upper

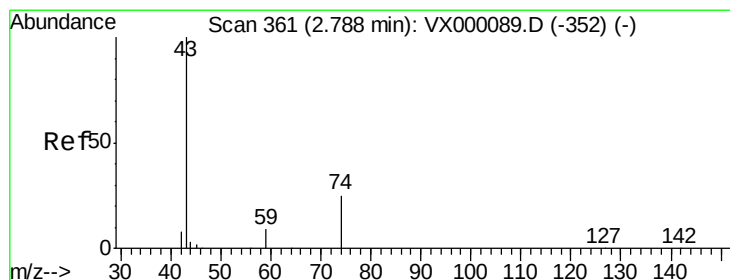
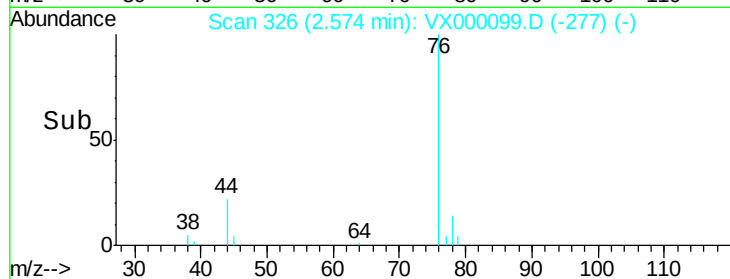
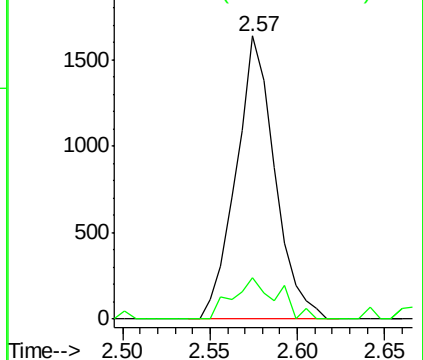
76 100

78 14.5 7.8 11.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.87 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000099.D

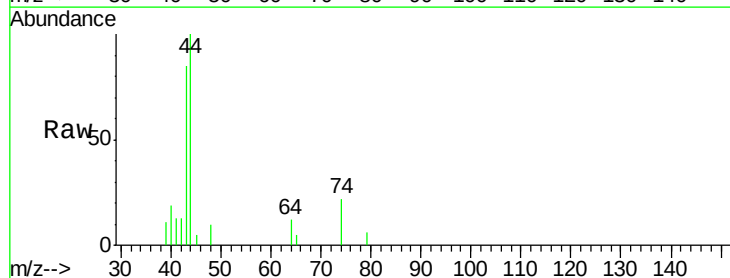
Acq: 15 Feb 2018 16:01

Tgt Ion: 43 Resp: 1664

Ion Ratio Lower Upper

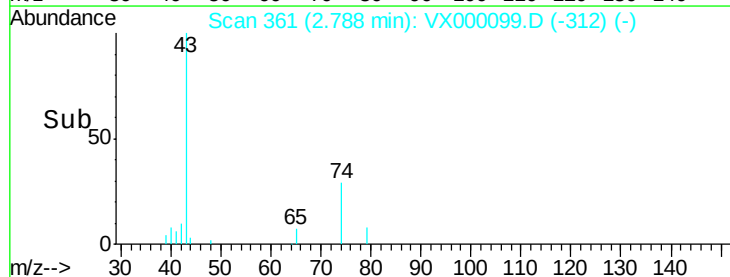
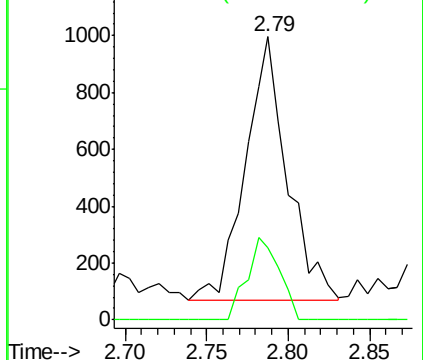
43 100

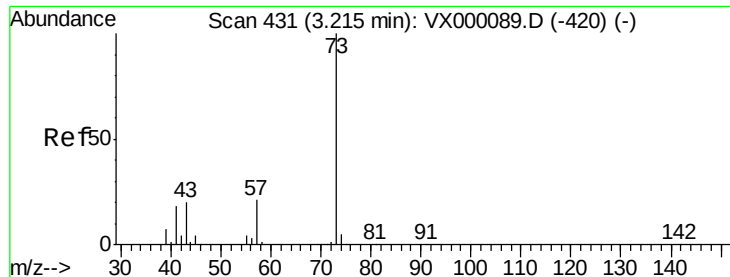
74 24.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

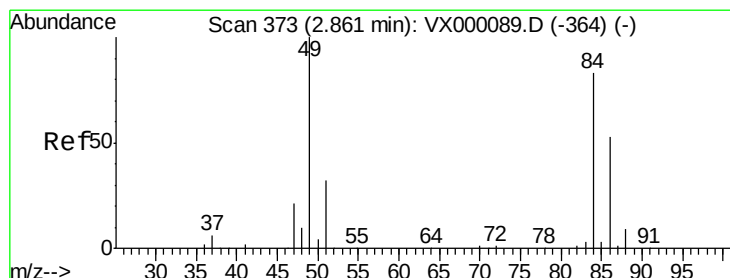
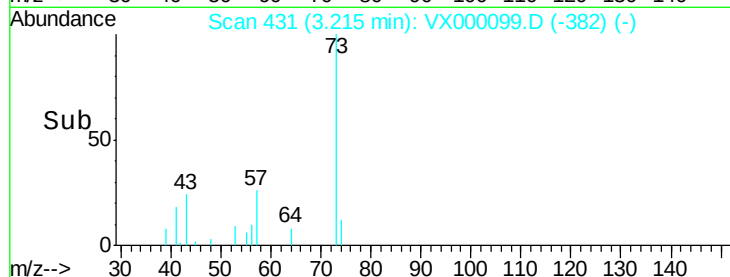
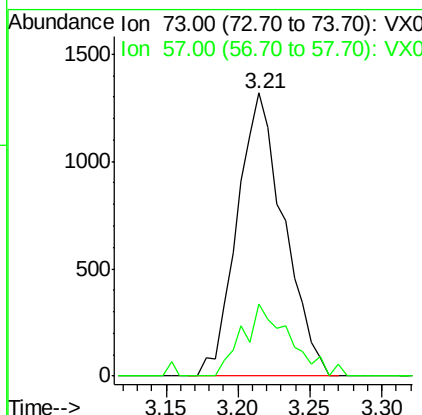
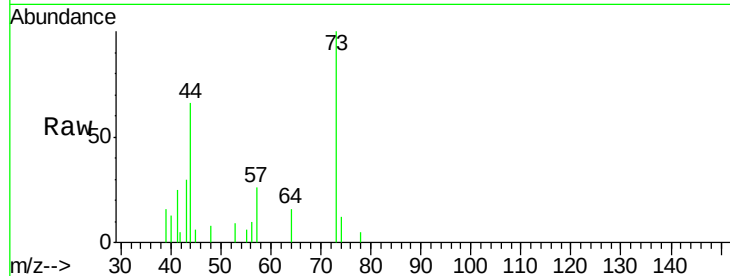




#19
Methyl tert-butyl Ether
Concen: 0.82 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

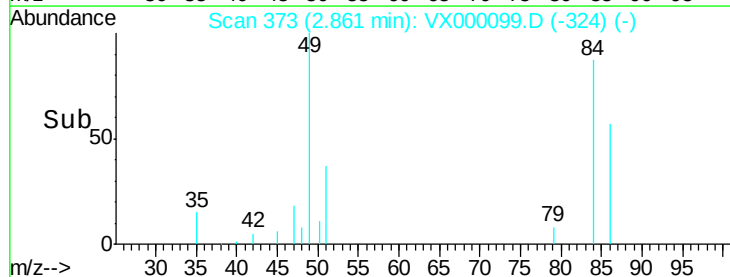
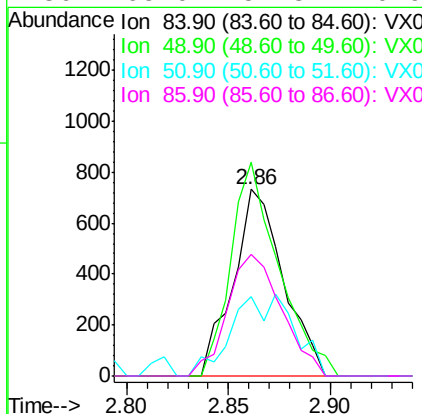
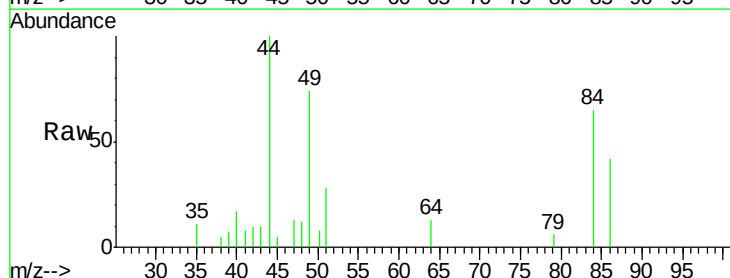
Instrument :
ClientSampled :
MDL09 0.75PPB

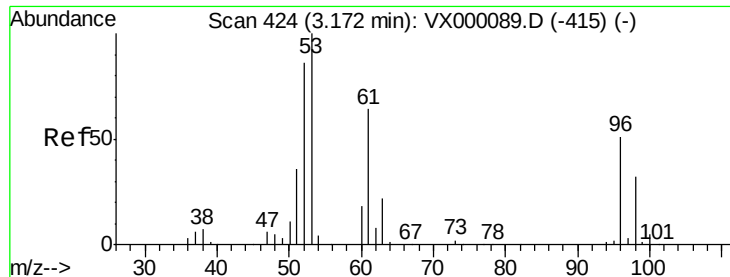
Tot Ion: 73 Resp: 2981
Ion Ratio Lower Upper
73 100
57 25.6 16.4 24.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 84 Resp: 1253
Ion Ratio Lower Upper
84 100
49 114.6 96.1 144.1
51 42.5 30.5 45.7
86 65.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.88 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000089.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

MDL09 0.75PPB

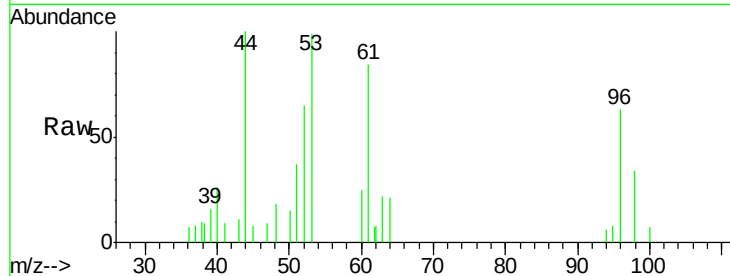
Tot Ion: 96 Resp: 1013

Ion Ratio Lower Upper

96 100

61 132.8 100.3 150.5

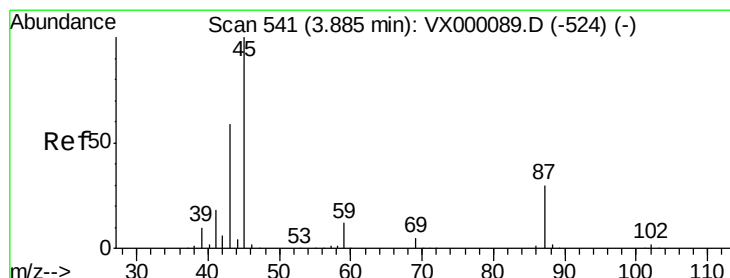
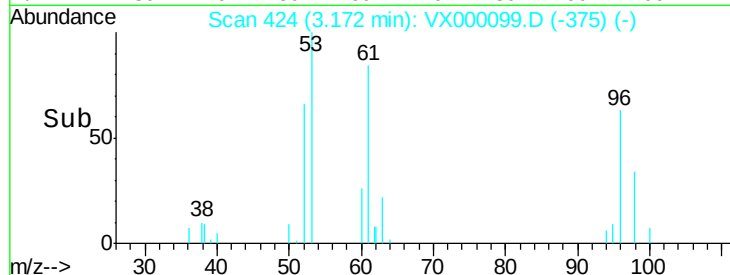
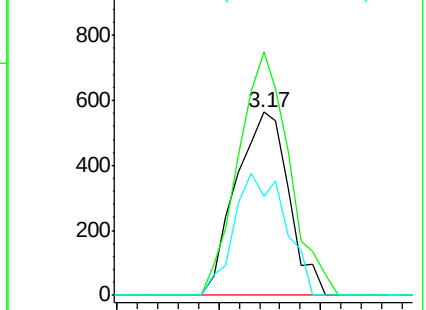
98 53.7 50.6 75.8



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: 0.93 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000089.D

Acq: 15 Feb 2018 16:01

Tgt Ion: 45 Resp: 2867

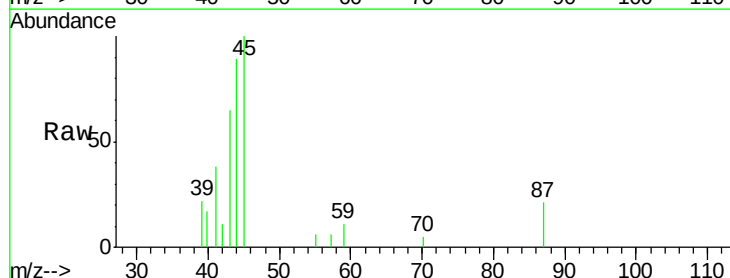
Ion Ratio Lower Upper

45 100

43 65.3 47.4 71.2

87 20.8 24.2 36.2#

59 10.6 9.2 13.8

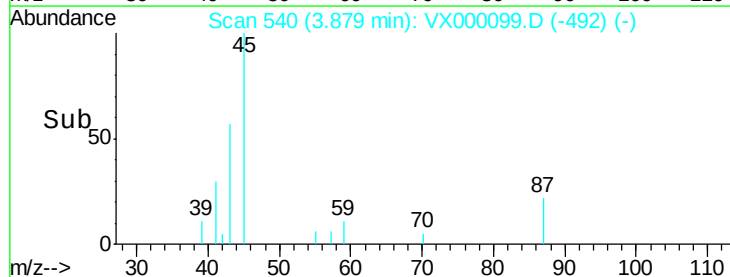
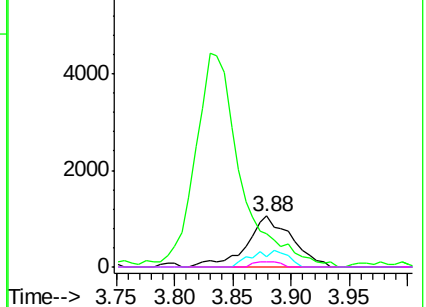


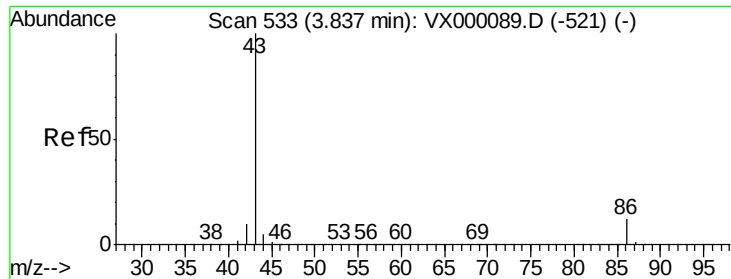
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.19 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

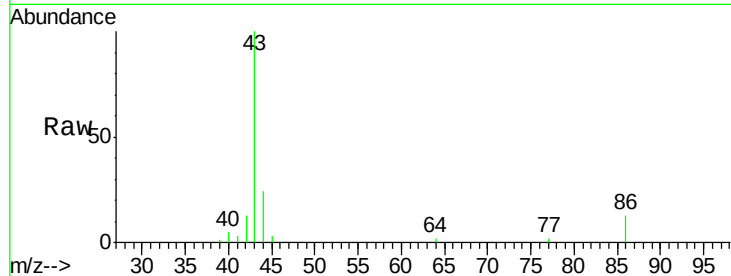
MDL09 0.75PPB

Tot Ion: 43 Resp: 12055

Ion Ratio Lower Upper

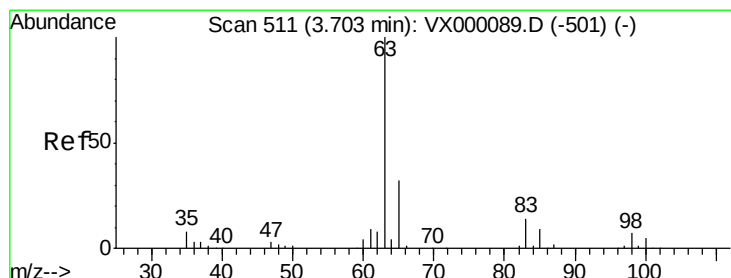
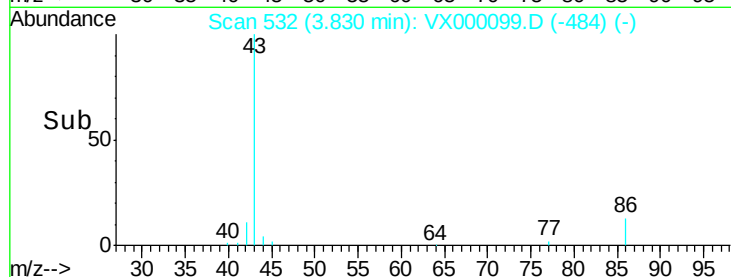
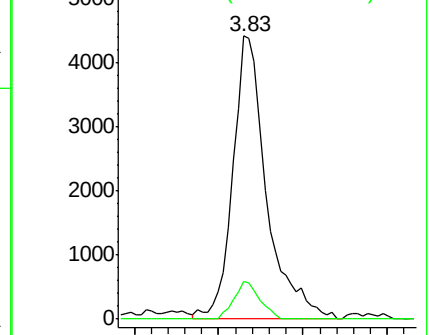
43 100

86 13.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.99 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

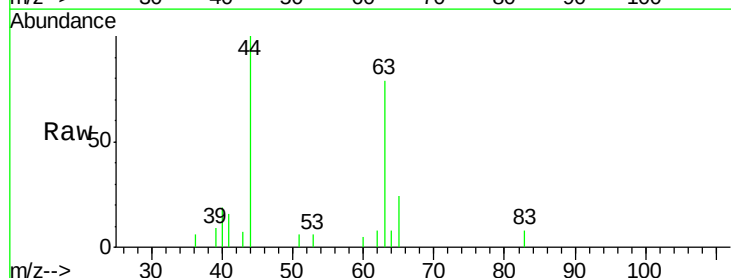
Tgt Ion: 63 Resp: 1816

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.5#

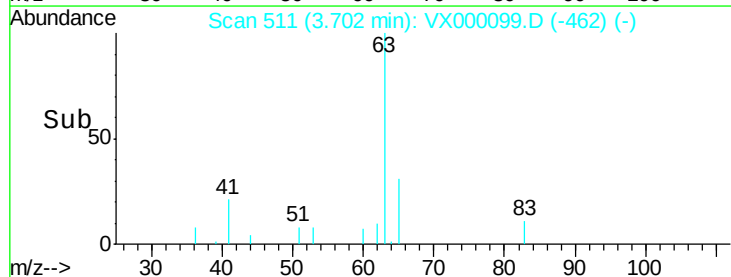
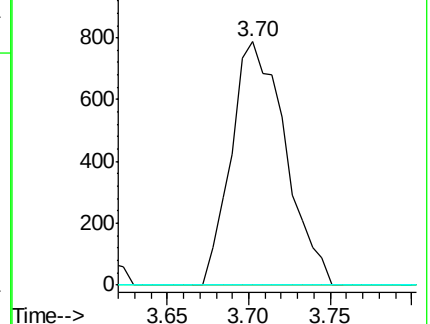
100 0.0 2.4 7.1#

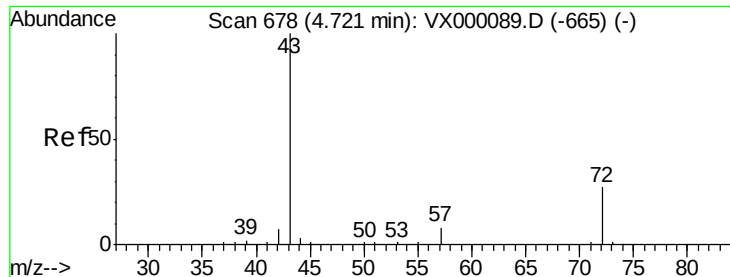


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 3.91 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

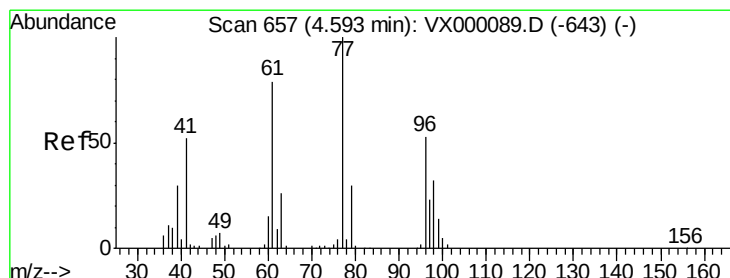
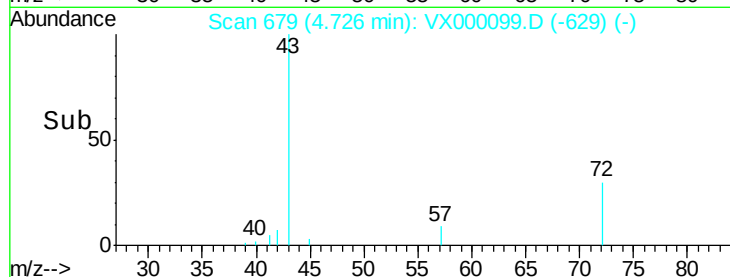
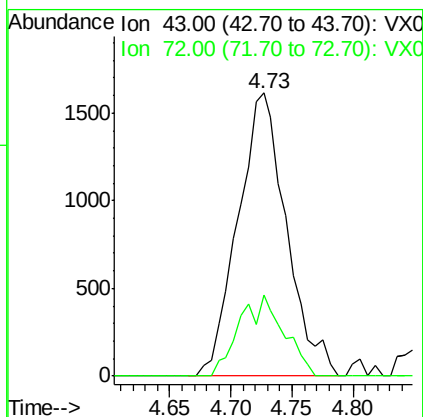
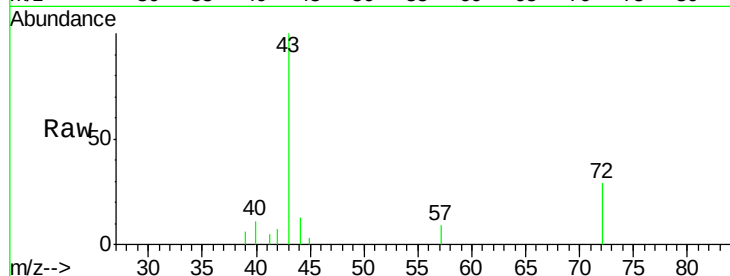
Instrument :
ClientSampled :
MDL09 0.75PPB

Tot Ion: 43 Resp: 4464

Ion Ratio Lower Upper

43 100

72 28.7 21.3 31.9



#26

2,2-Dichloropropane

Concen: 0.79 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000099.D

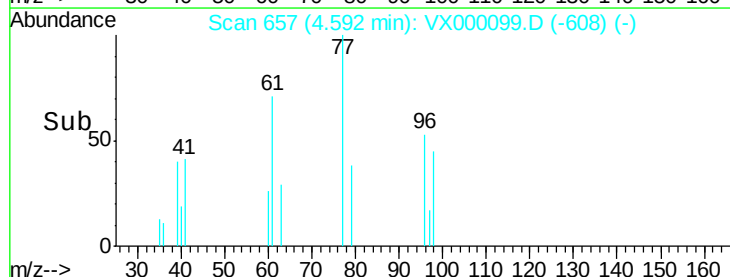
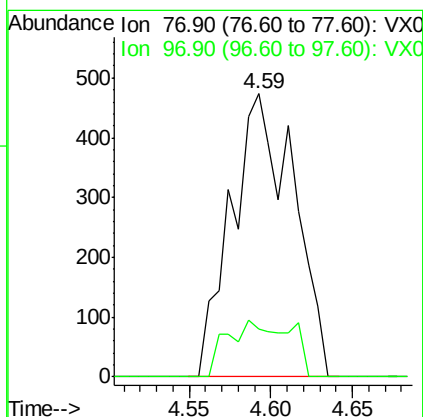
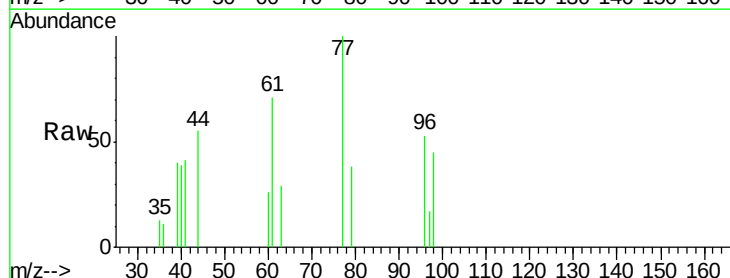
Acq: 15 Feb 2018 16:01

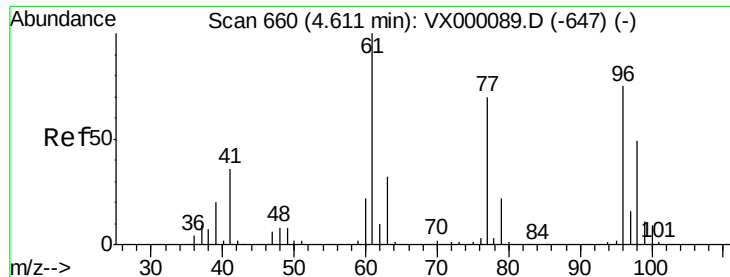
Tgt Ion: 77 Resp: 1256

Ion Ratio Lower Upper

77 100

97 20.1 11.4 34.2



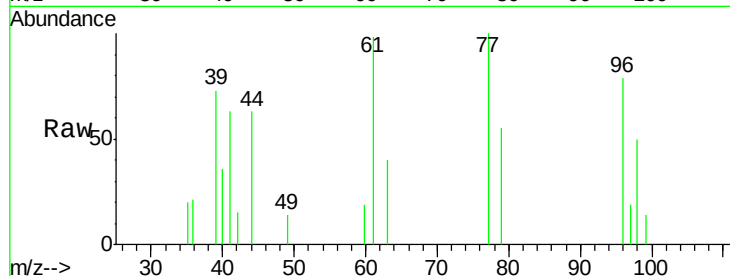


#27

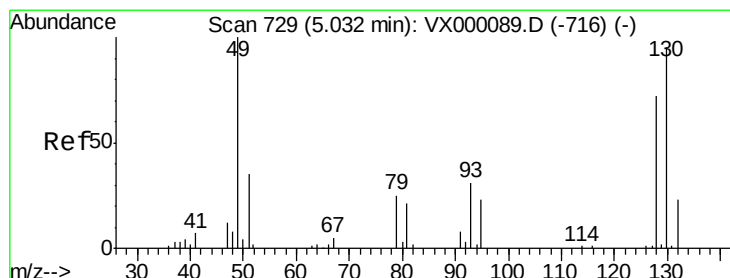
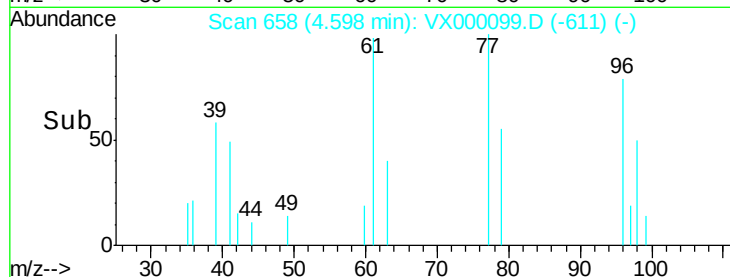
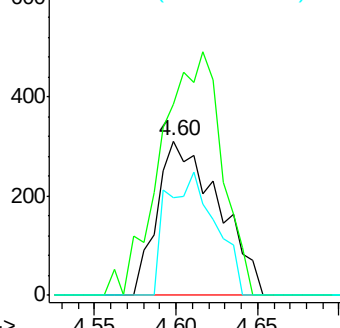
cis-1,2-Dichloroethene
Concen: 0.74 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Instrument :
ClientSampled :
MDL09 0.75PPB

Tot Ion: 96 Resp: 810
Ion Ratio Lower Upper
96 100
61 158.0 0.0 285.6
98 63.5 0.0 131.8



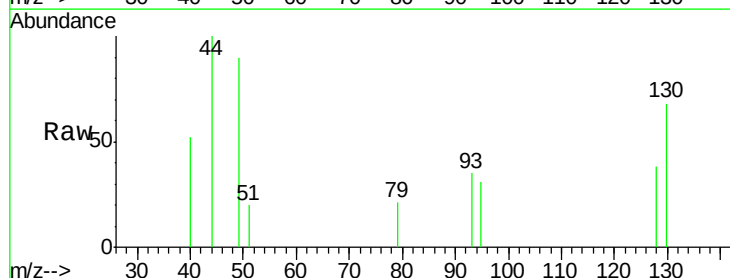
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



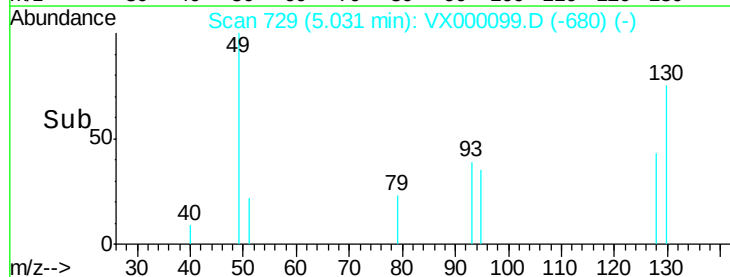
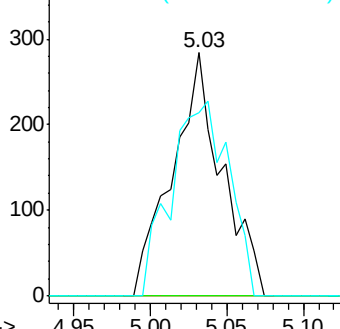
#28

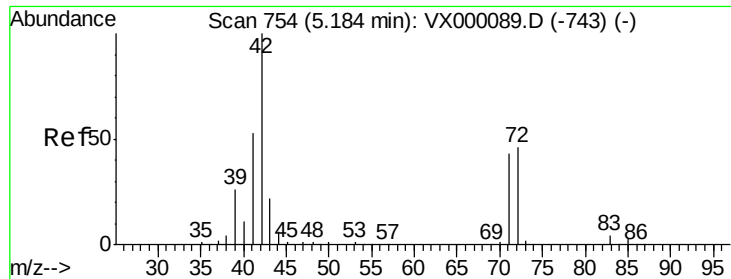
Bromochloromethane
Concen: 0.78 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 49 Resp: 642
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 93.3 71.9 107.9



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

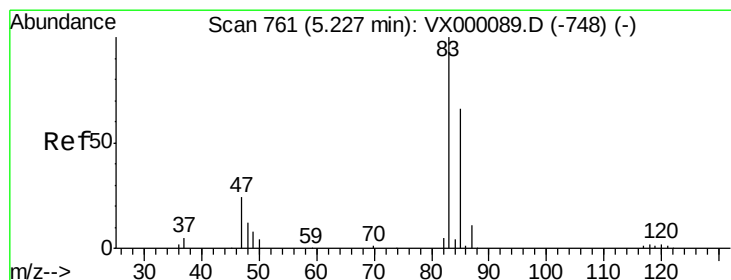
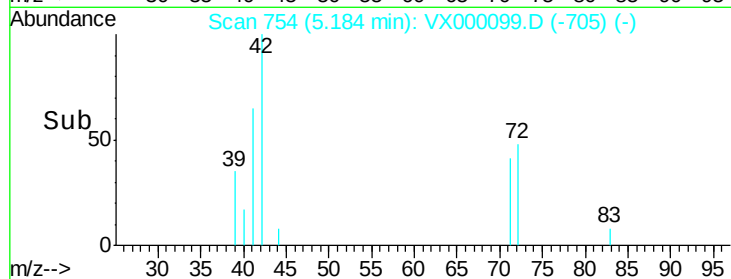
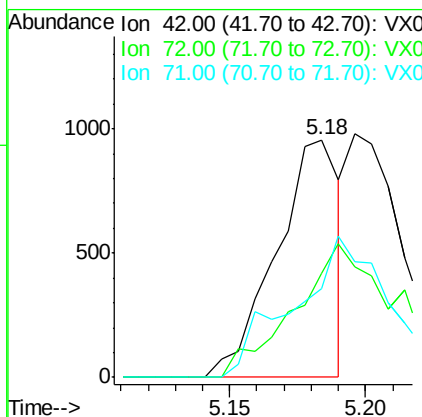
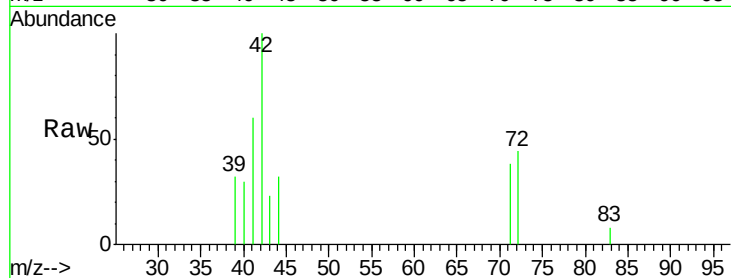




#29
Tetrahydrofuran
Concen: 2.08 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

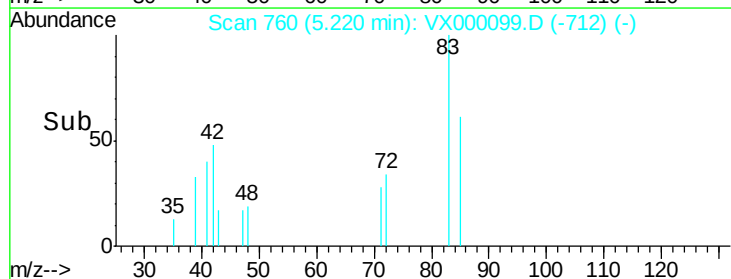
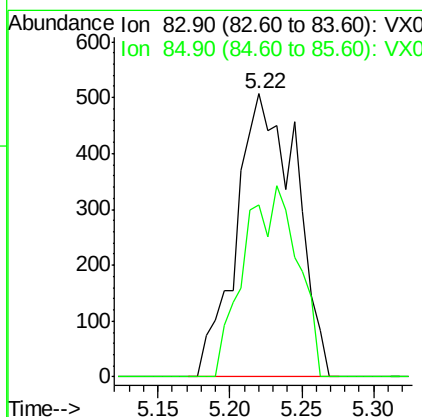
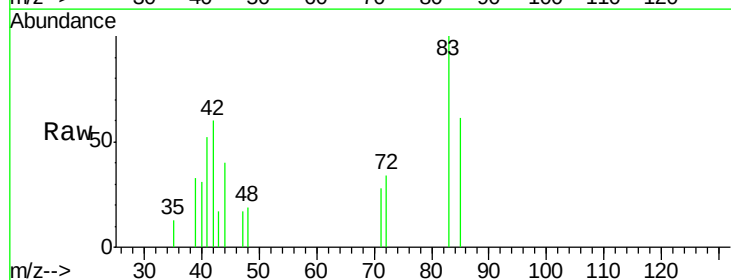
Instrument :
ClientSampled :
MDL09 0.75PPB

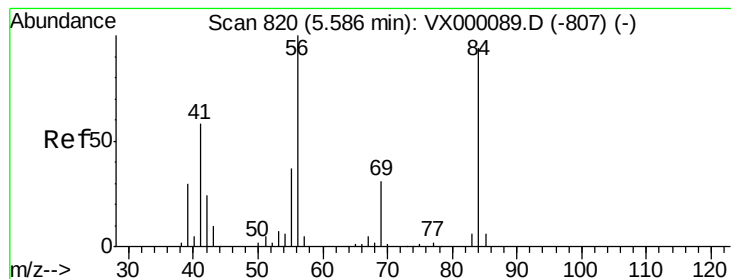
Tot Ion: 42 Resp: 1545
Ion Ratio Lower Upper
42 100
72 94.1 38.6 58.0#
71 91.3 36.2 54.4#



#30
Chloroform
Concen: 0.76 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 83 Resp: 1465
Ion Ratio Lower Upper
83 100
85 60.6 52.7 79.1





#31

Cyclohexane

Concen: 0.99 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :
ClientSampled :
MDL09 0.75PPB

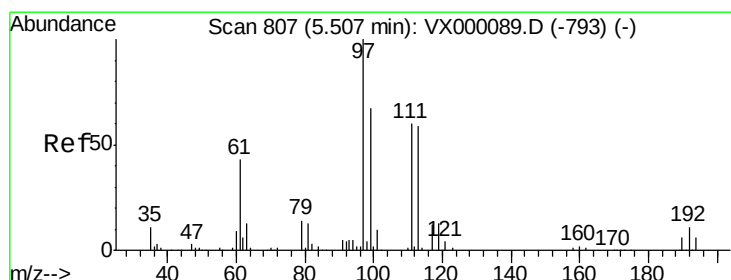
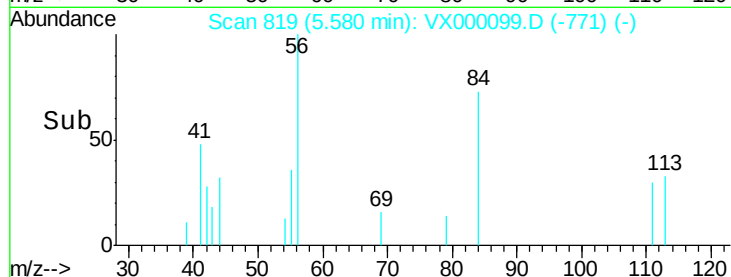
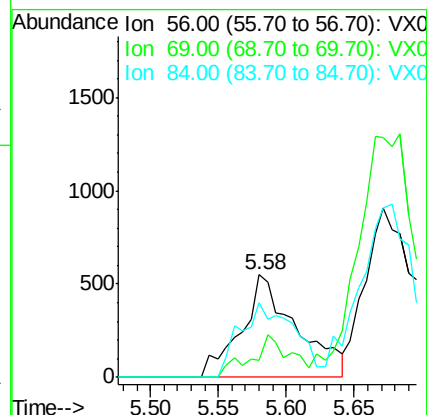
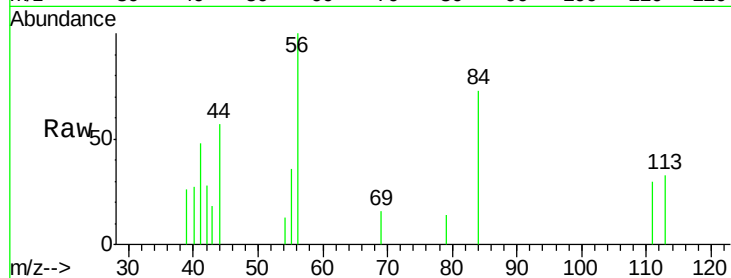
Tot Ion: 56 Resp: 1557

Ion Ratio Lower Upper

56 100

69 16.4 24.9 37.3#

84 73.3 75.0 112.4#



#32

1,1,1-Trichloroethane

Concen: 0.76 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

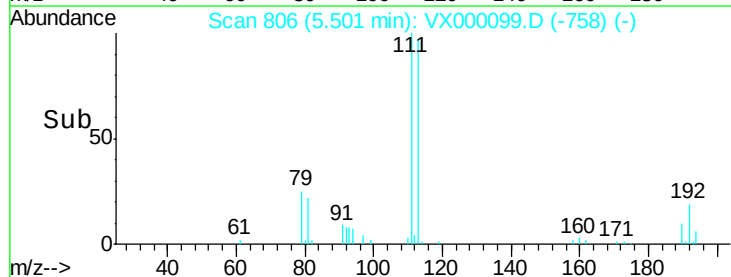
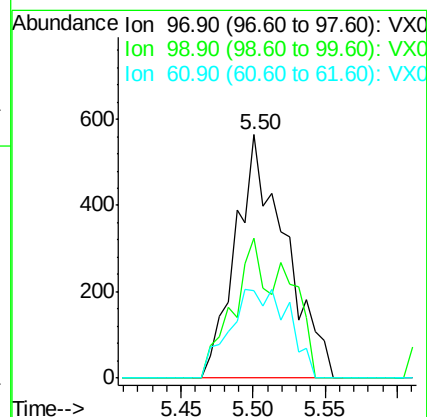
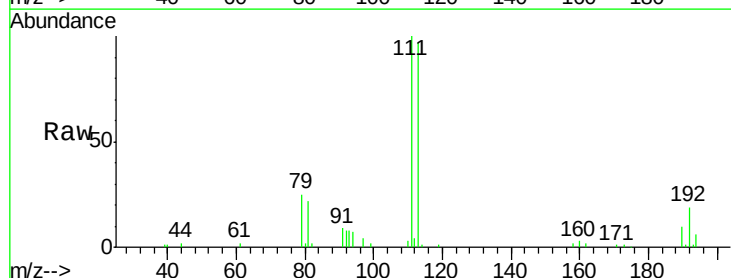
Tgt Ion: 97 Resp: 1349

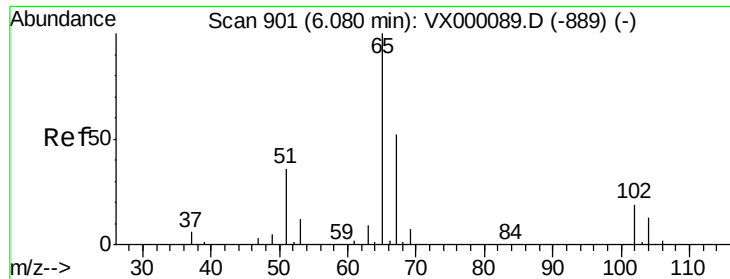
Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 43.7 33.4 50.0

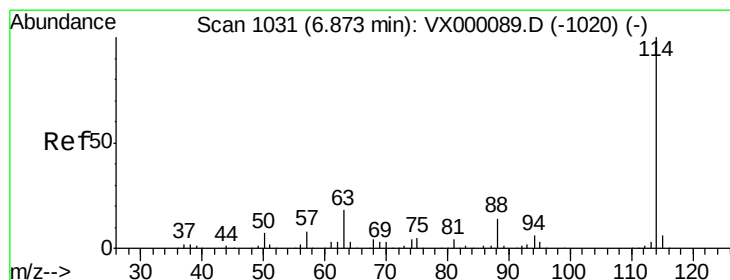
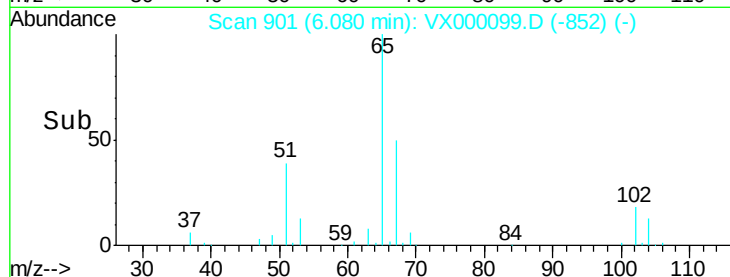
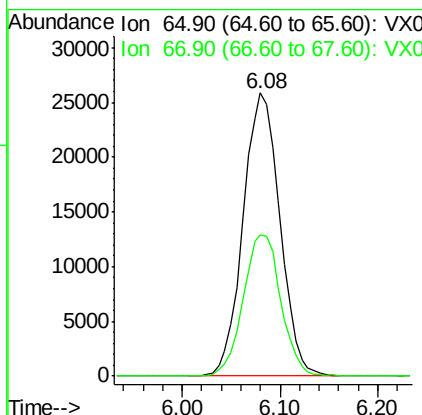
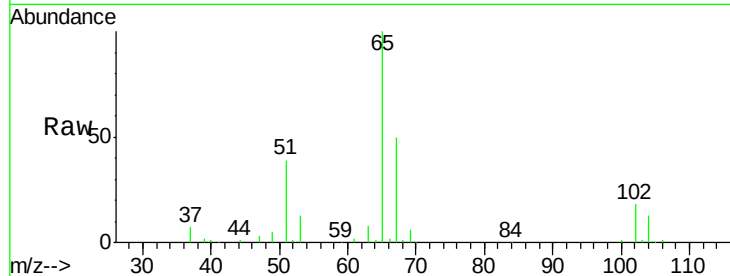




#33
 1,2-Dichloroethane-d4
 Concen: 53.50 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

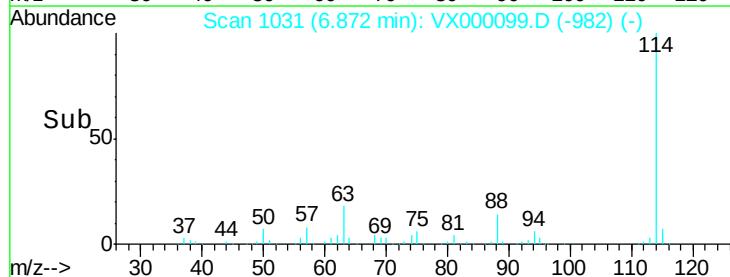
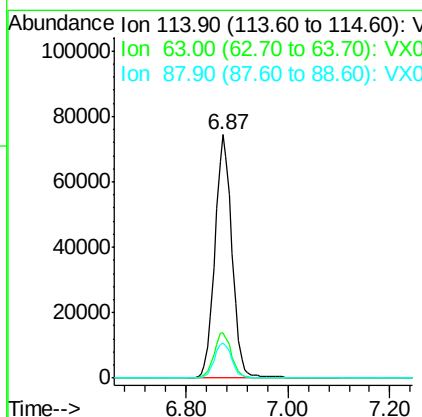
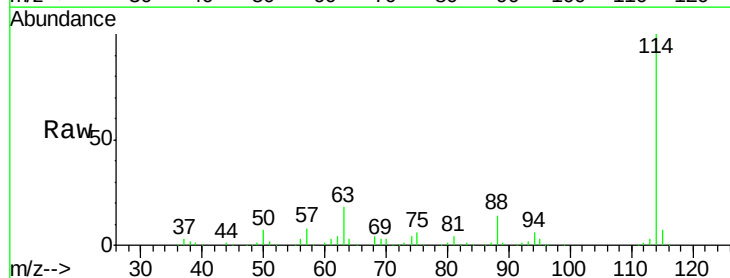
Instrument :
 ClientSampled :
 MDL09 0.75PPB

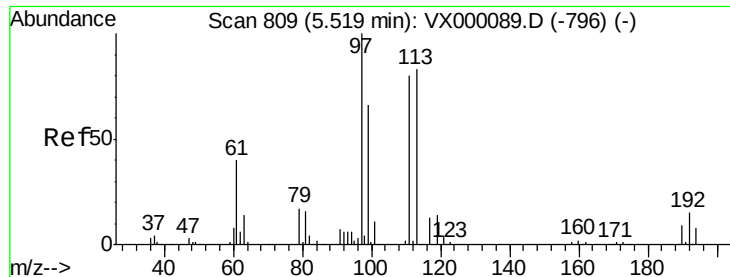
Tot Ion: 65 Resp: 67480
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Tgt Ion: 114 Resp: 174087
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.4
 88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.77 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

MDL09 0.75PPB

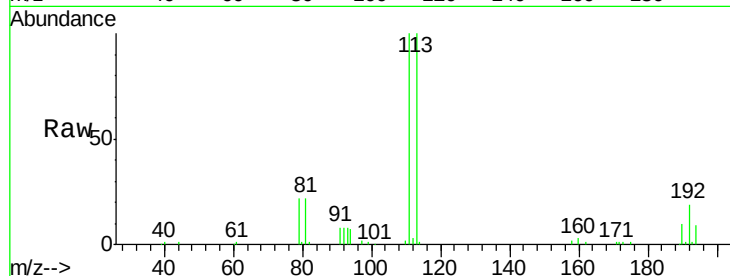
Tot Ion:113 Resp: 52488

Ion Ratio Lower Upper

113 100

111 100.9 81.0 121.6

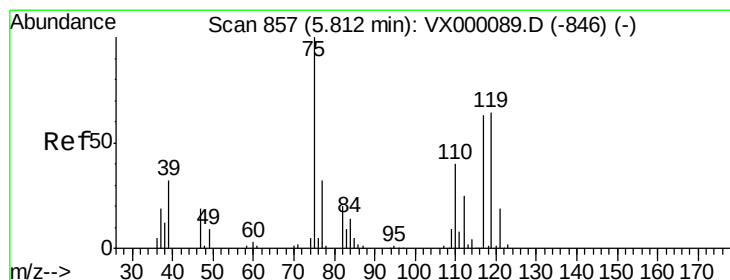
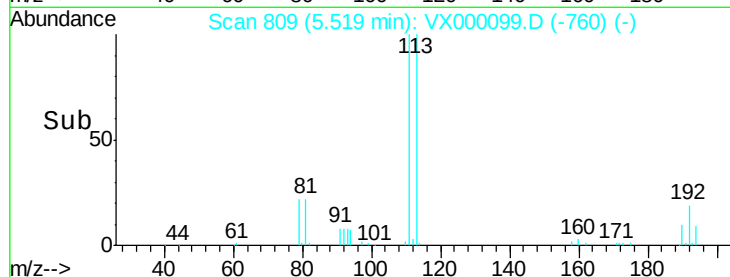
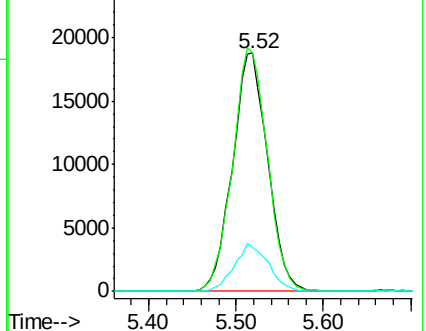
192 19.4 15.7 23.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.85 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

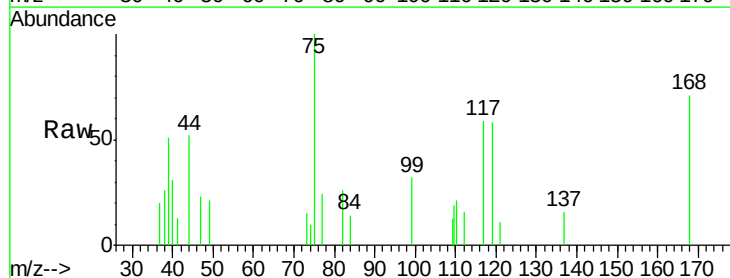
Tgt Ion: 75 Resp: 1334

Ion Ratio Lower Upper

75 100

110 23.7 19.5 58.5

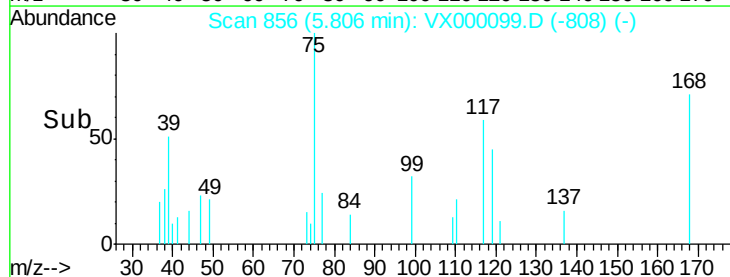
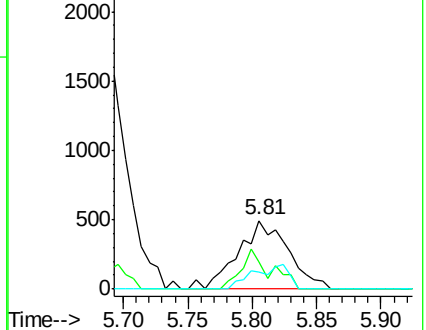
77 0.0 24.7 37.1#

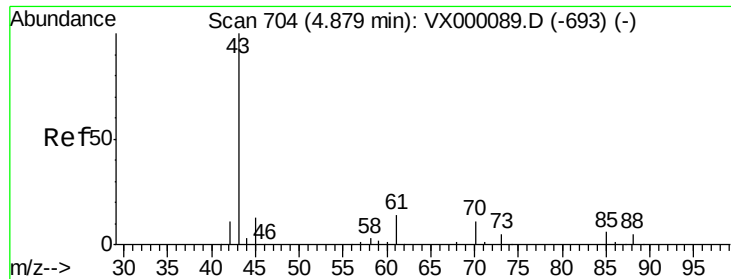


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

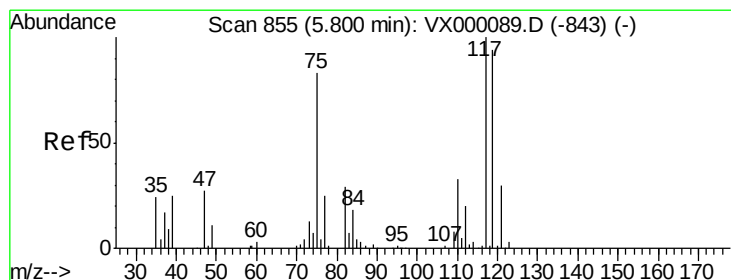
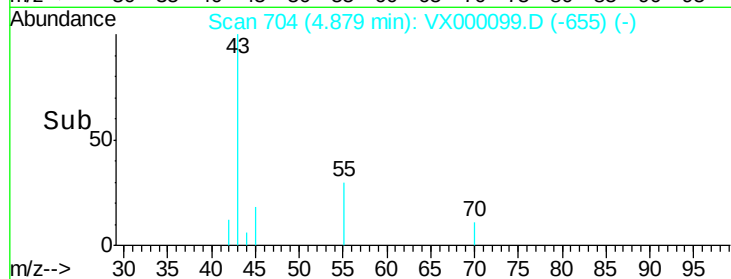
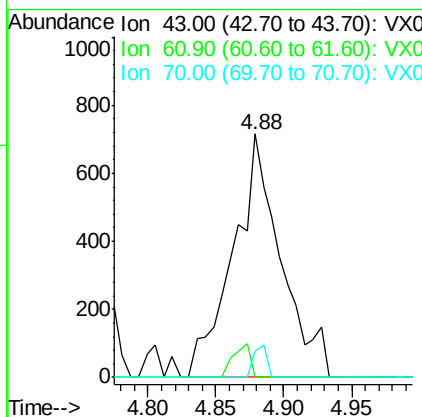
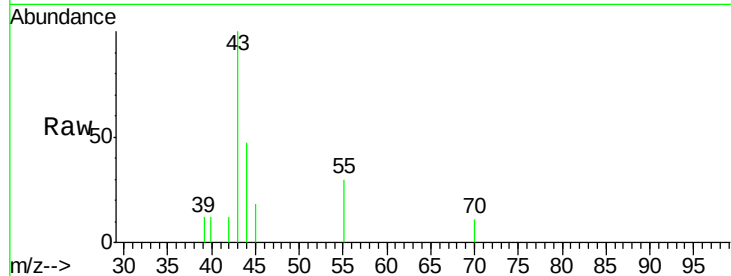




#37
Ethyl Acetate
Concen: 0.82 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

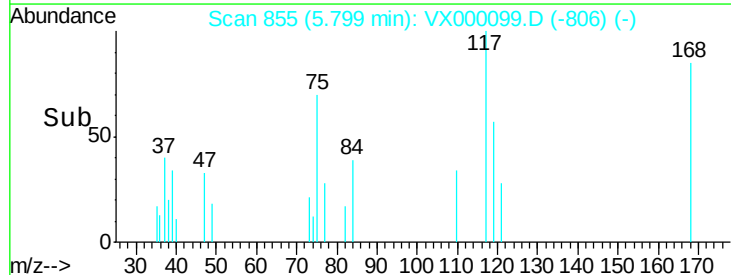
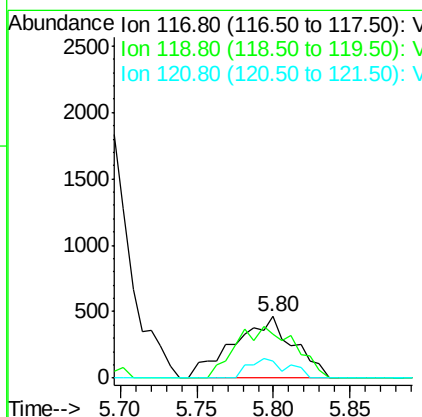
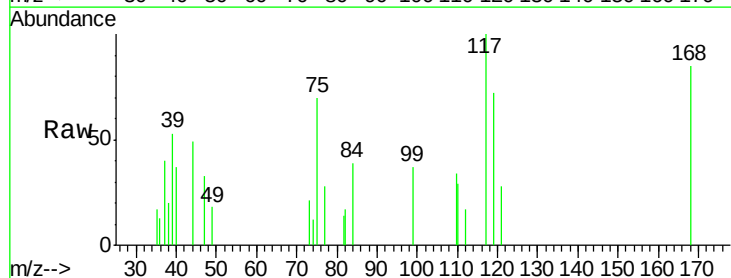
Instrument :
Client Sampled :
MDL09 0.75PPB

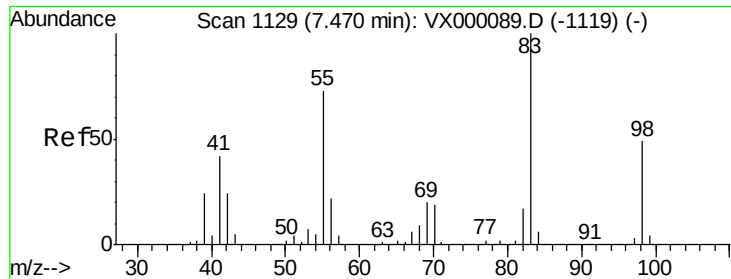
Tot Ion: 43 Resp: 1750
Ion Ratio Lower Upper
43 100
61 4.9 11.5 17.3#
70 3.6 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 0.75 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 117 Resp: 1259
Ion Ratio Lower Upper
117 100
119 71.8 75.3 112.9#
121 28.4 23.7 35.5

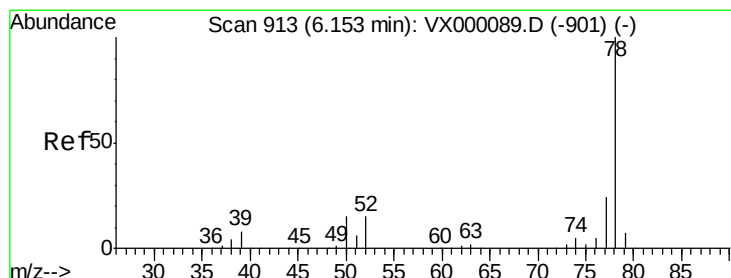
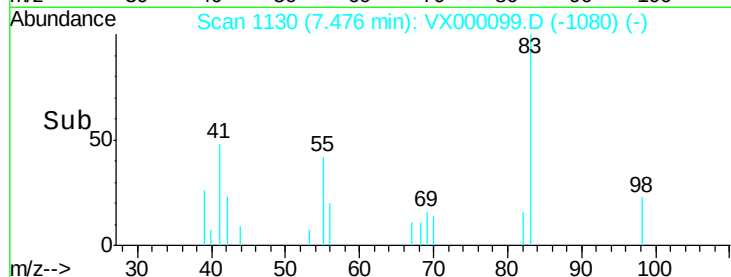
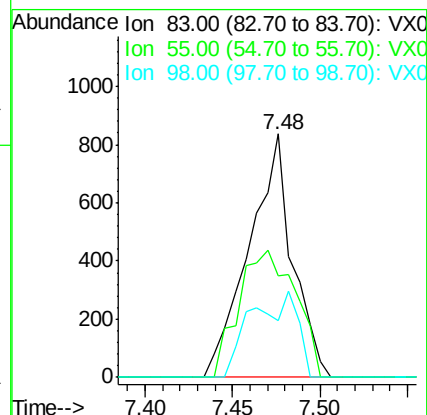
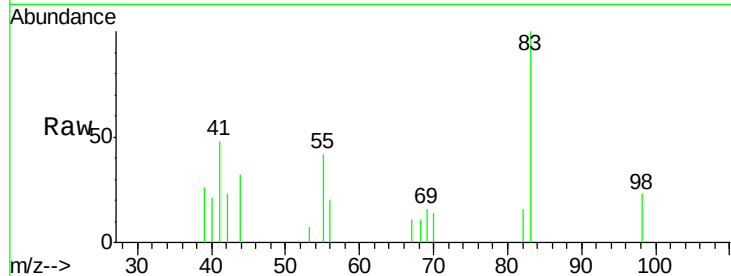




#39
Methylvlcyclohexane
Concen: 0.77 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

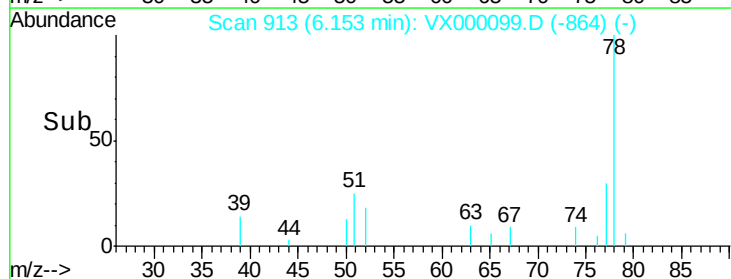
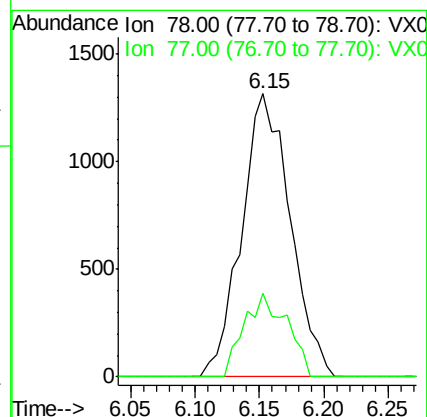
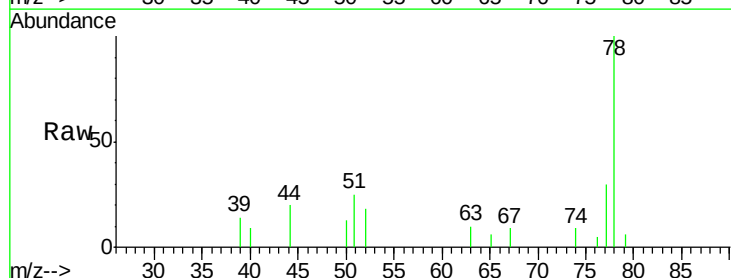
Instrument :
ClientSampled :
MDL09 0.75PPB

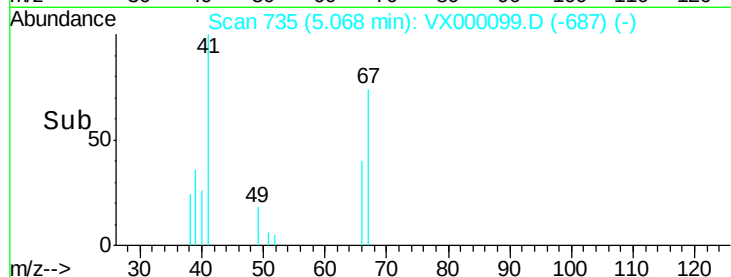
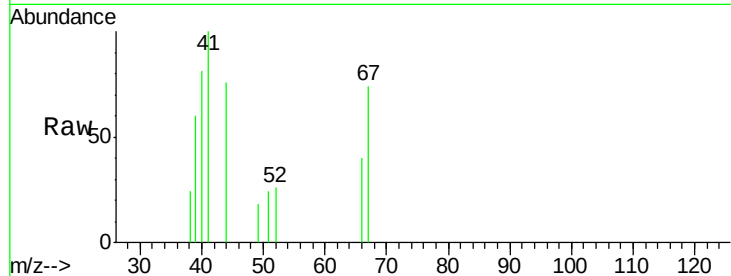
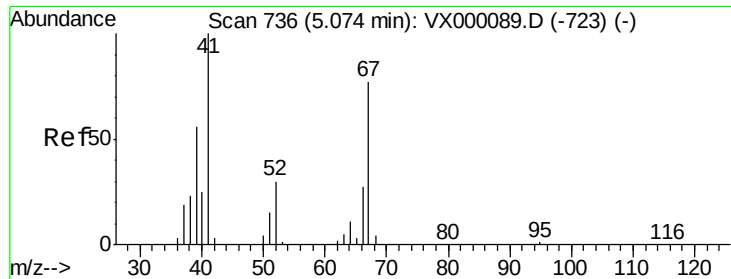
Tot Ion: 83 Resp: 1451
Ion Ratio Lower Upper
83 100
55 41.9 58.2 87.2#
98 23.1 39.0 58.6#



#40
Benzene
Concen: 0.77 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

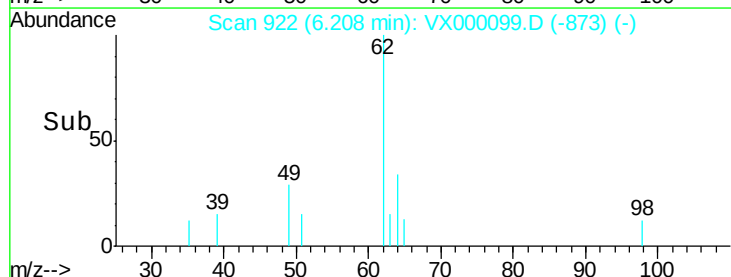
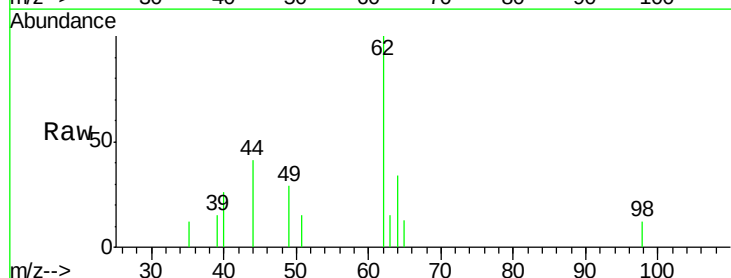
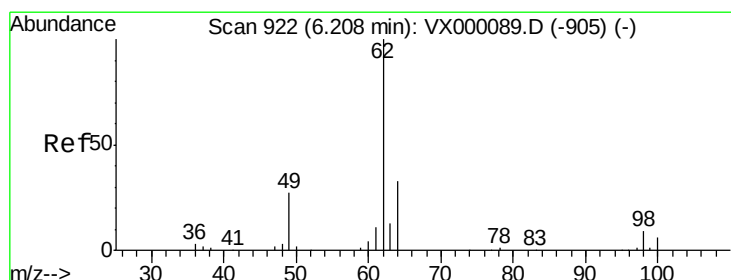
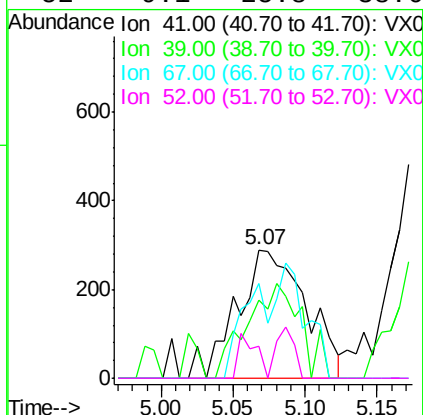
Tgt Ion: 78 Resp: 3443
Ion Ratio Lower Upper
78 100
77 29.6 19.4 29.0#





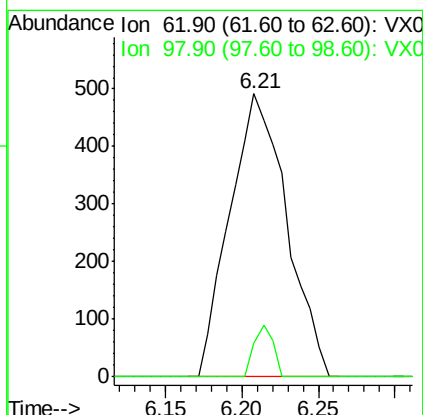
#41
Methacrylonitrile
Concen: 0.42 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

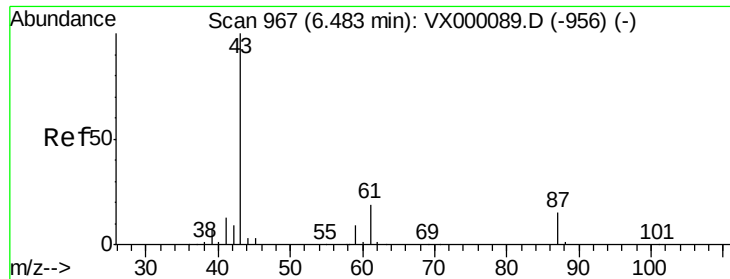
Tot Ion: 41 Resp: 967
Ion Ratio Lower Upper
41 100
39 0.0 45.1 67.7#
67 29.0 61.0 91.4#
52 9.1 25.8 38.6#



#42
1,2-Dichloroethane
Concen: 0.78 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 62 Resp: 1271
Ion Ratio Lower Upper
62 100
98 6.1 0.0 17.8

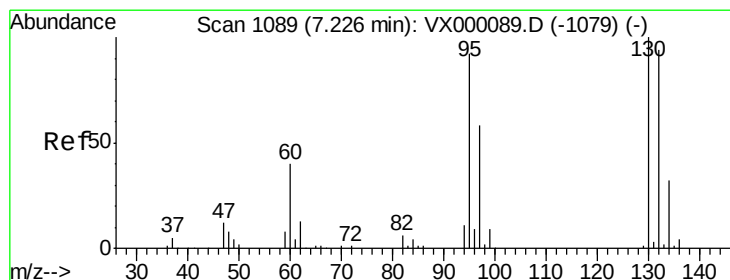
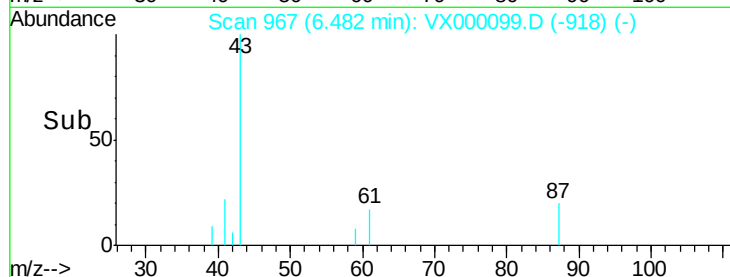
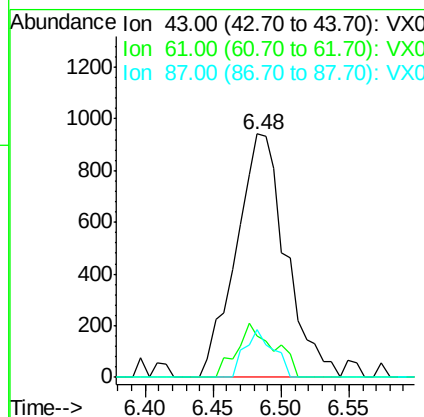
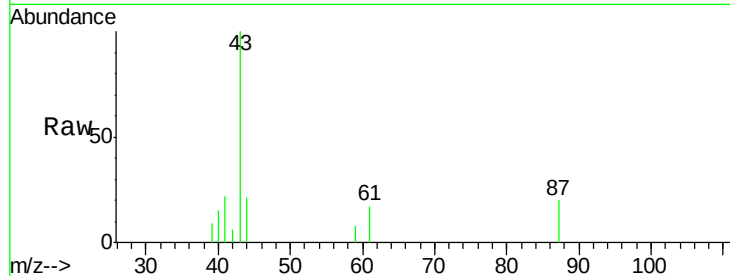




#43
Isopropyl Acetate
Concen: 0.78 ug/l
RT: 6.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

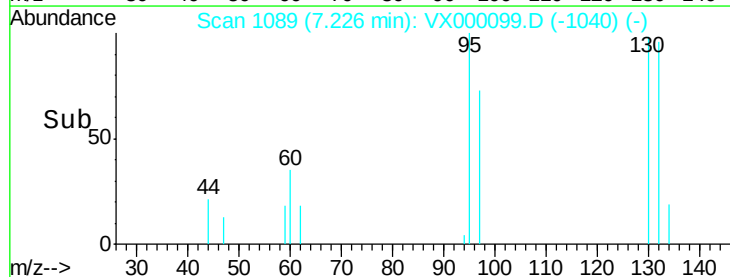
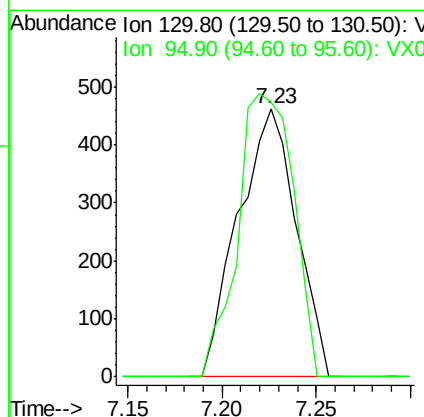
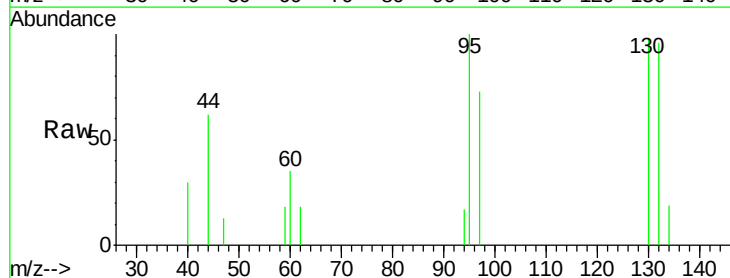
Instrument :
ClientSampleId :
MDL09 0.75PPB

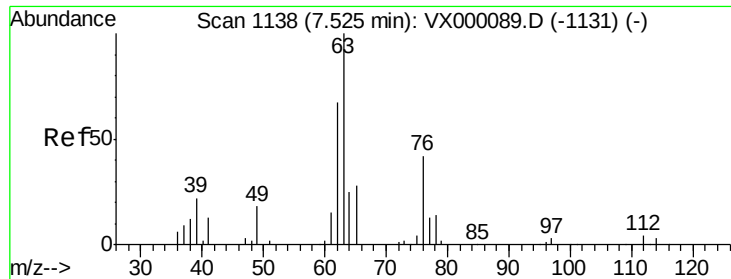
Tot Ion: 43 Resp: 2409
Ion Ratio Lower Upper
43 100
61 16.6 15.6 23.4
87 11.2 11.7 17.5#



#44
Trichloroethene
Concen: 0.75 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion:130 Resp: 987
Ion Ratio Lower Upper
130 100
95 102.4 0.0 183.4

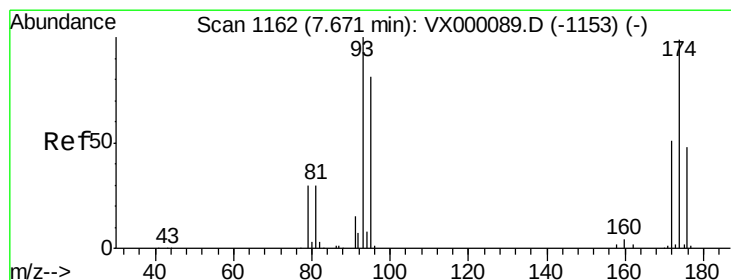
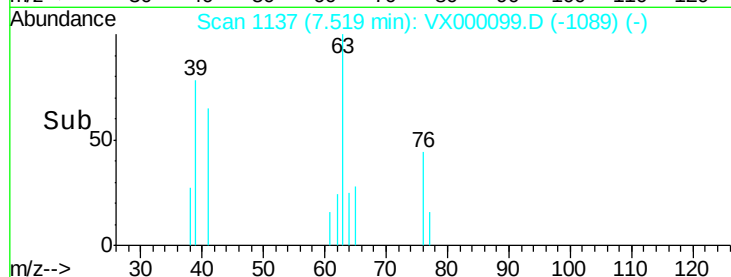
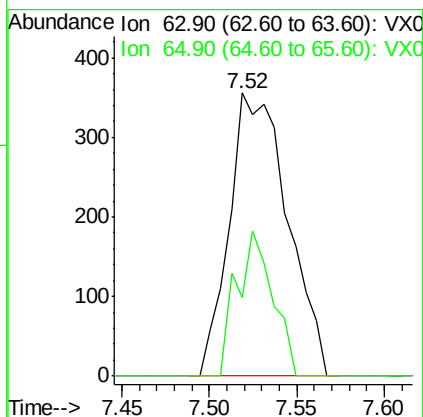
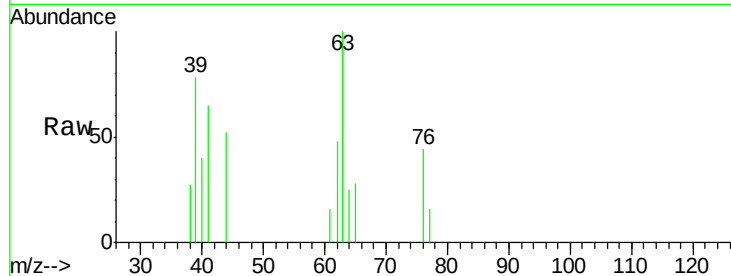




#45
 1,2-Dichloropropane
 Concen: 0.76 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

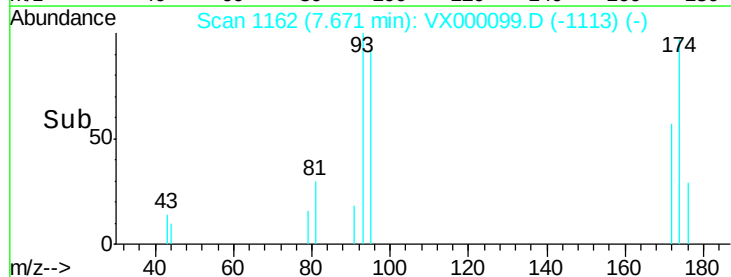
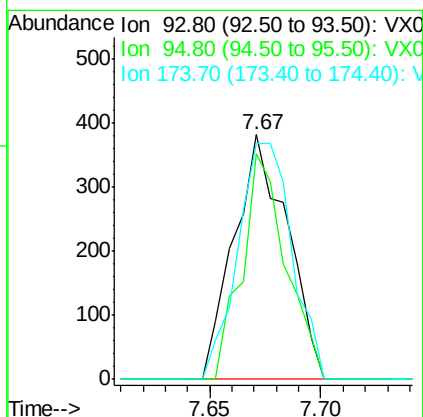
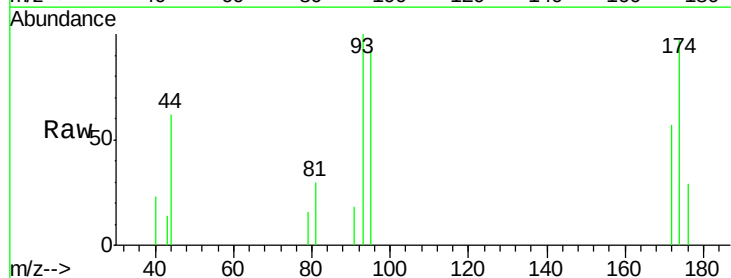
Instrument :
 ClientSampled :
 MDL09 0.75PPB

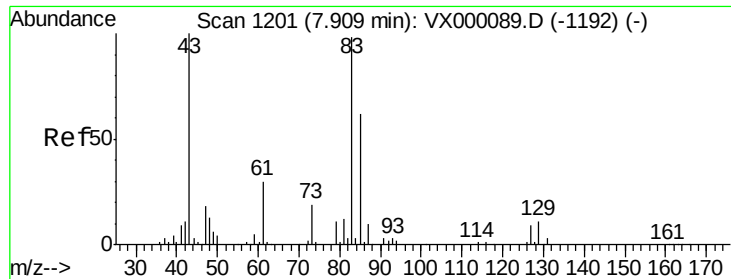
Tot Ion: 63 Resp: 826
 Ion Ratio Lower Upper
 63 100
 65 27.8 23.8 35.8



#46
 Dibromomethane
 Concen: 0.74 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Tgt Ion: 93 Resp: 634
 Ion Ratio Lower Upper
 93 100
 95 75.9 65.0 97.6
 174 98.4 83.1 124.7





#47

Bromodichloromethane

Concen: 0.63 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

MDL09 0.75PPB

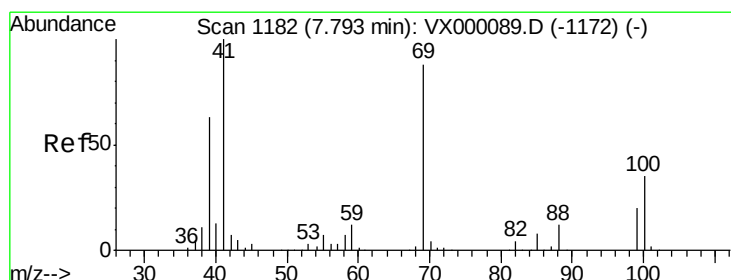
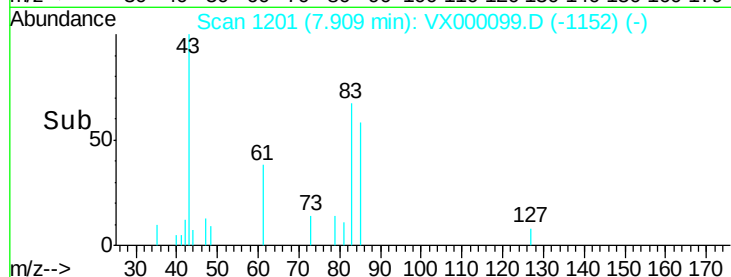
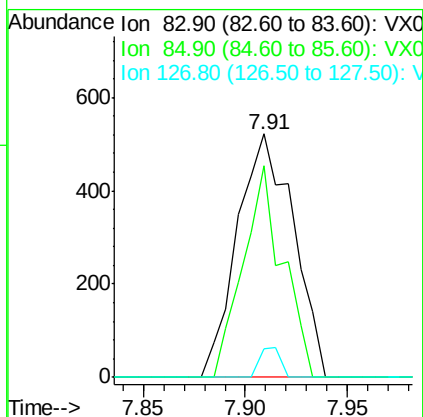
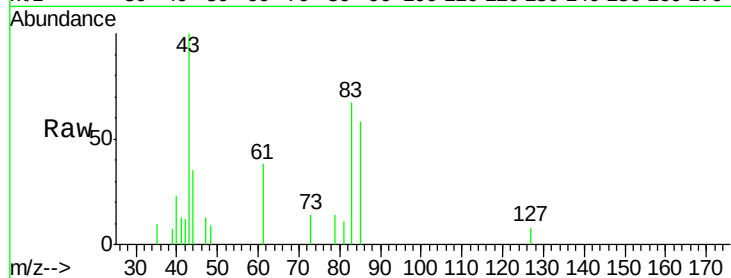
Tot Ion: 83 Resp: 995

Ion Ratio Lower Upper

83 100

85 86.8 50.4 75.6#

127 11.9 7.2 10.8#



#48

Methyl methacrylate

Concen: 0.77 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

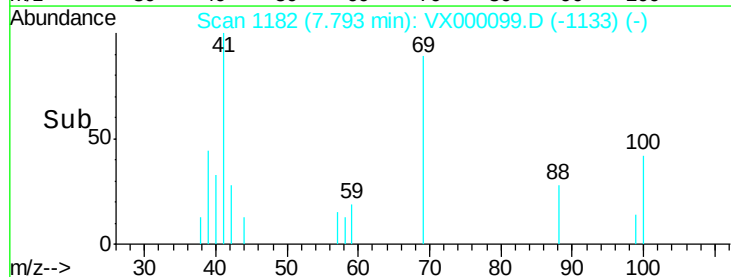
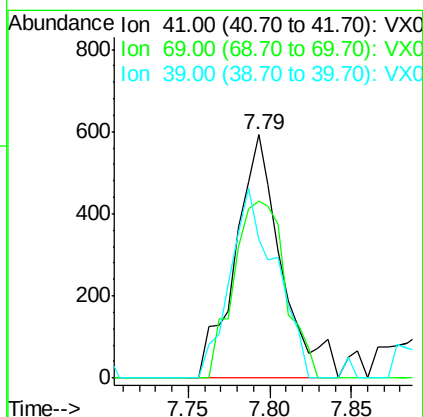
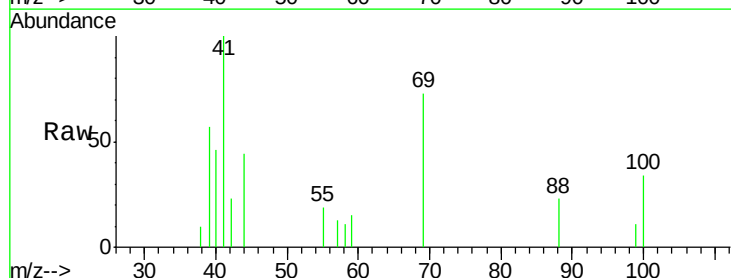
Tgt Ion: 41 Resp: 1161

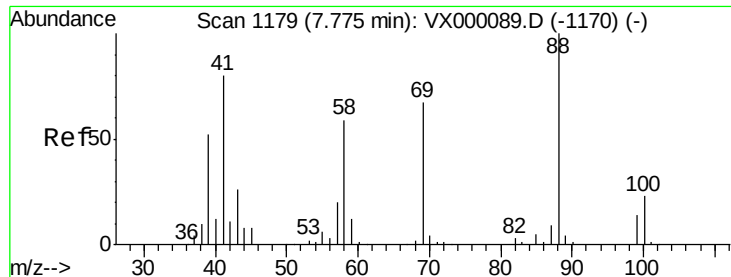
Ion Ratio Lower Upper

41 100

69 81.9 70.2 105.4

39 77.1 51.0 76.6#

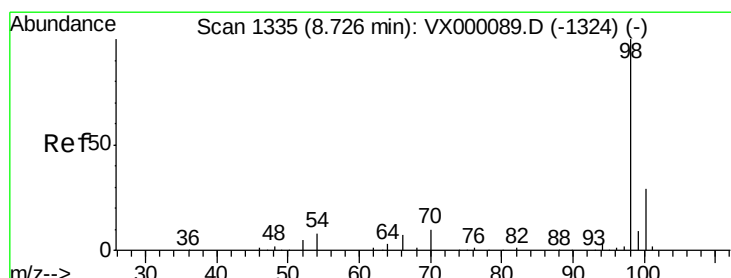
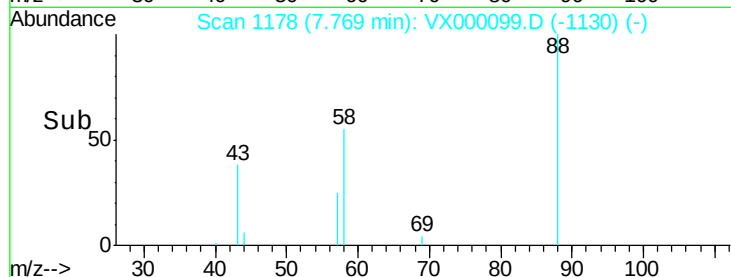
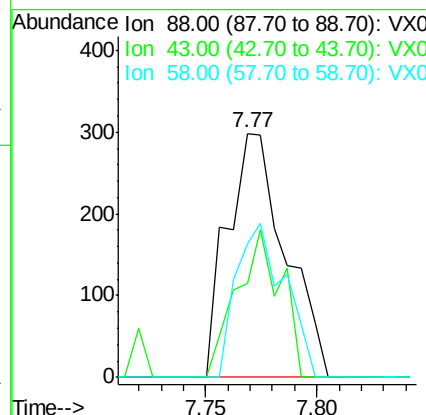
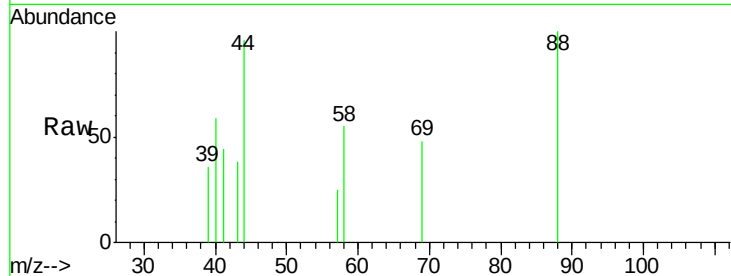




#49
1,4-Dioxane
Concen: 13.57 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

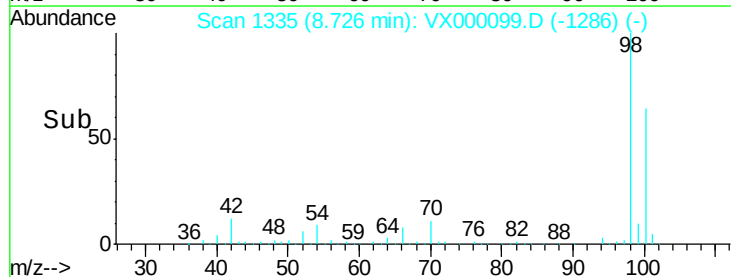
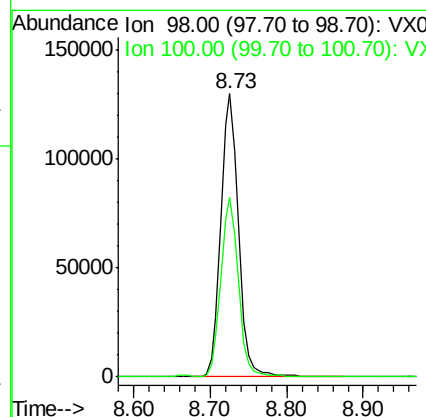
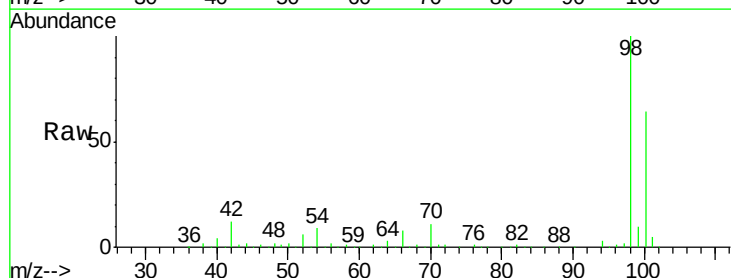
Instrument :
ClientSampled :
MDL09 0.75PPB

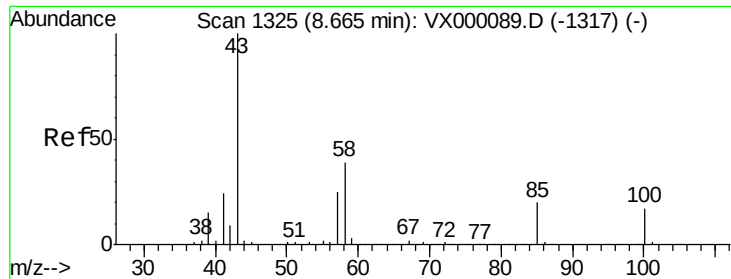
Tot Ion: 88 Resp: 540
Ion Ratio Lower Upper
88 100
43 46.5 24.1 36.1#
58 52.2 49.0 73.6



#50
Toluene-d8
Concen: 48.07 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 98 Resp: 208324
Ion Ratio Lower Upper
98 100
100 62.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 3.51 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

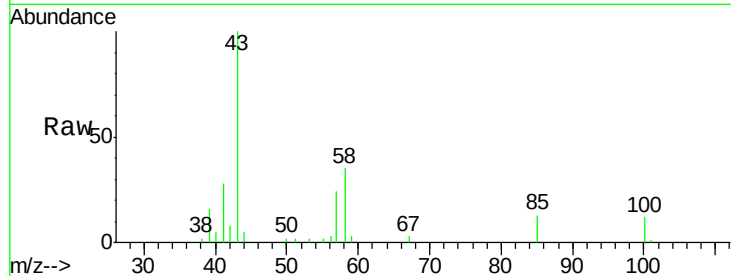
MDL09 0.75PPB

Tot Ion: 43 Resp: 7951

Ion Ratio Lower Upper

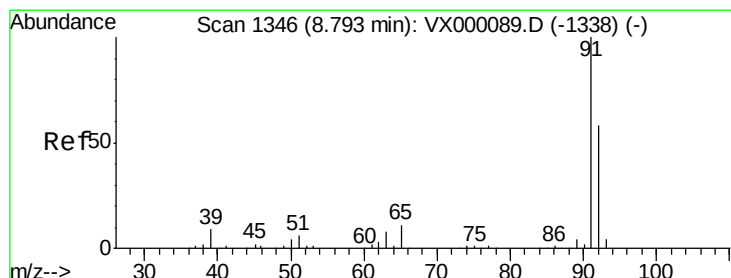
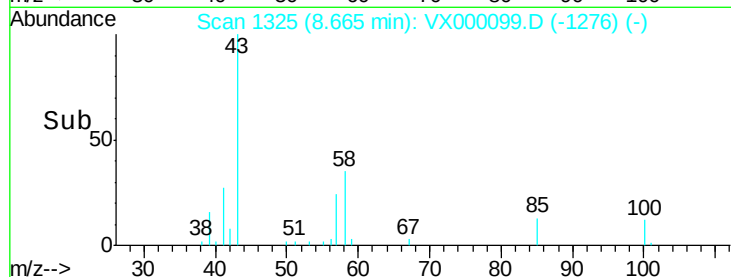
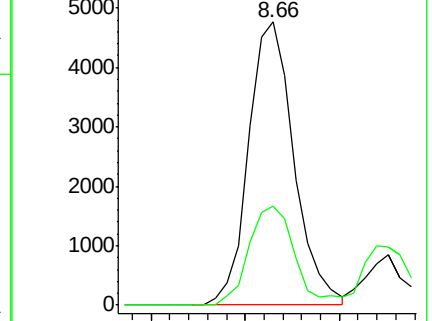
43 100

58 35.5 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.71 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000099.D

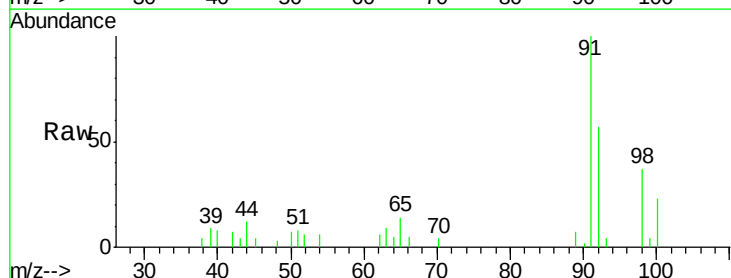
Acq: 15 Feb 2018 16:01

Tgt Ion: 92 Resp: 2123

Ion Ratio Lower Upper

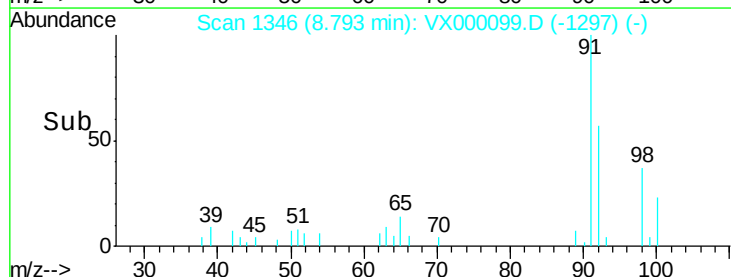
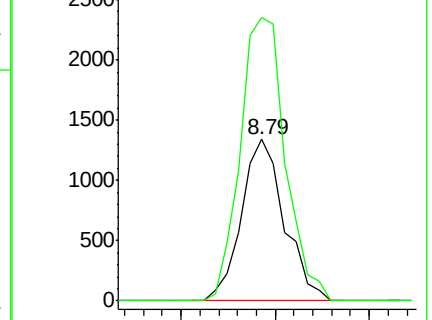
92 100

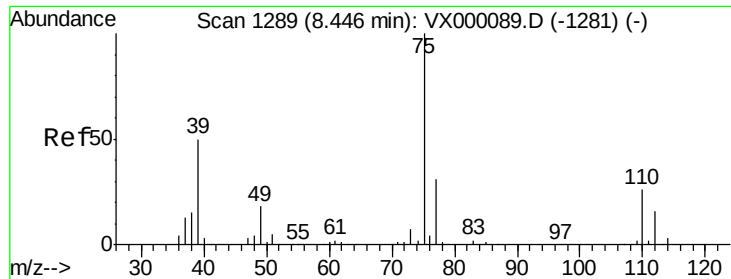
91 183.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 0.70 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

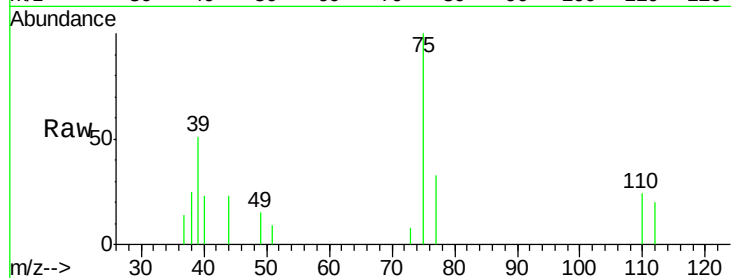
MDL09 0.75PPB

Tot Ion: 75 Resp: 1307

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

800

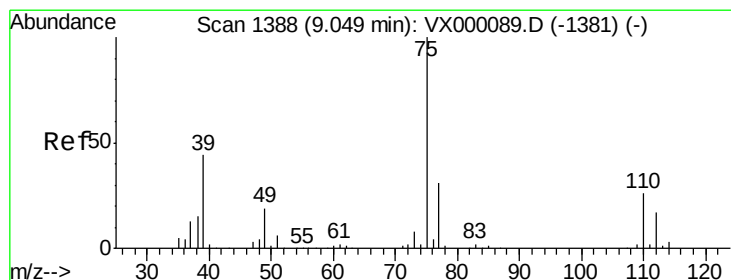
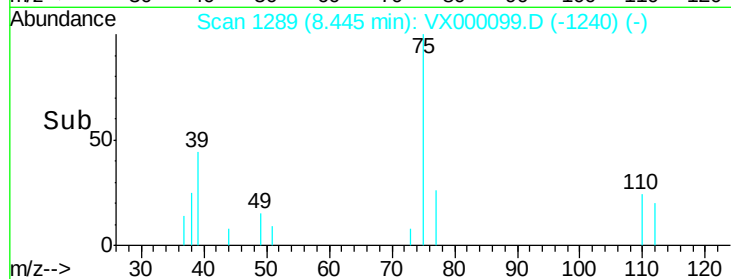
600

400

200

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 0.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

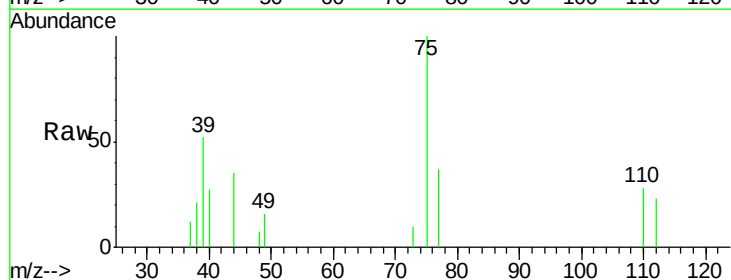
Tgt Ion: 75 Resp: 1264

Ion Ratio Lower Upper

75 100

77 36.7 25.0 37.6

39 51.9 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

800

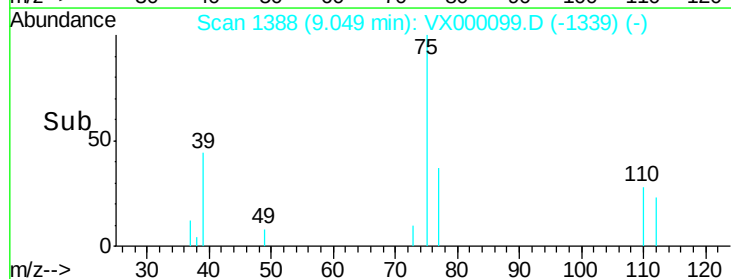
600

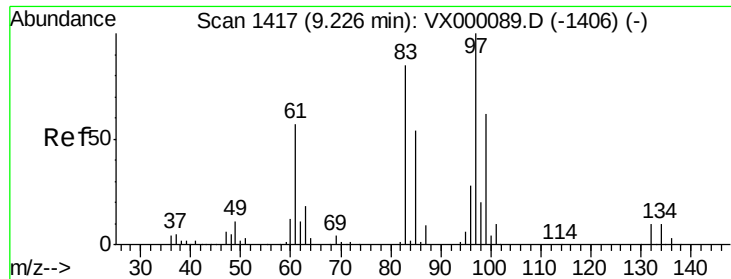
400

200

0

Time-->

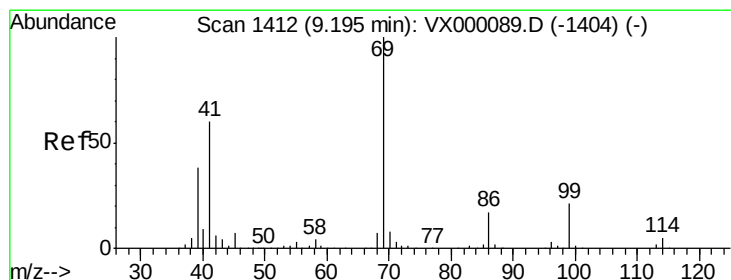
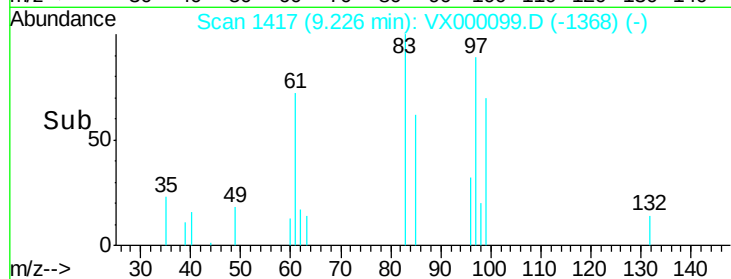
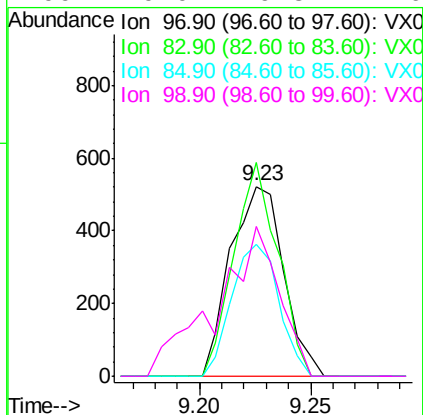
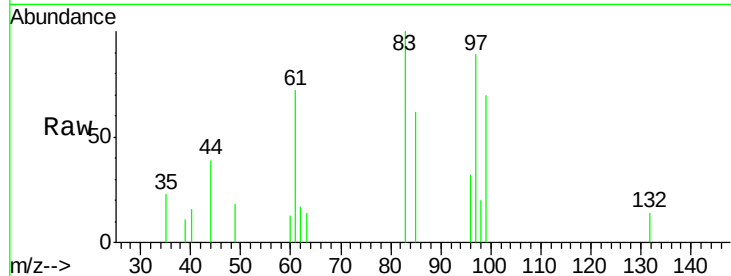




#55
1,1,2-Trichloroethane
Concen: 0.70 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

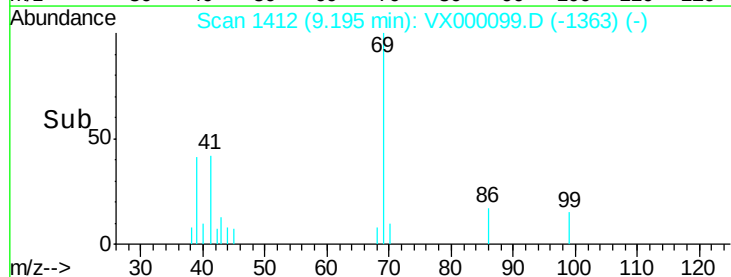
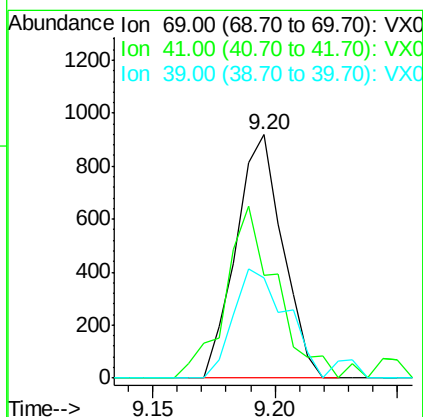
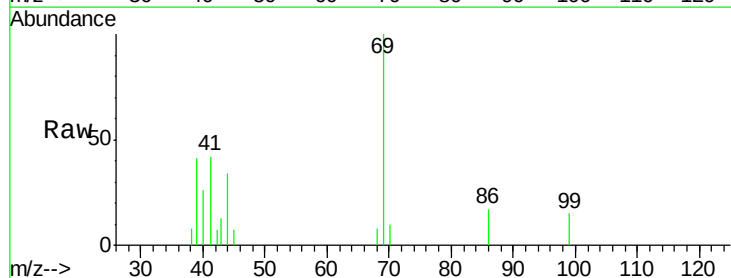
Instrument :
ClientSampled :
MDL09 0.75PPB

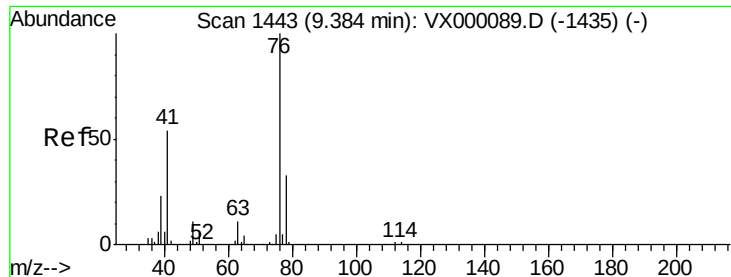
Tot Ion: 97 Resp: 867
Ion Ratio Lower Upper
97 100
83 112.4 67.6 101.4#
85 69.4 42.9 64.3#
99 79.0 49.8 74.6#



#56
Ethyl methacrylate
Concen: 0.65 ug/l
RT: 9.20 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 69 Resp: 1223
Ion Ratio Lower Upper
69 100
41 75.8 49.4 74.0#
39 50.8 31.3 46.9#

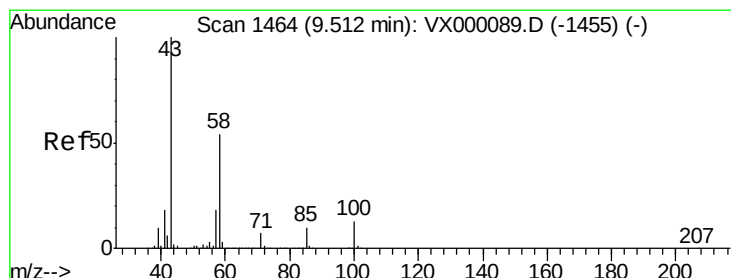
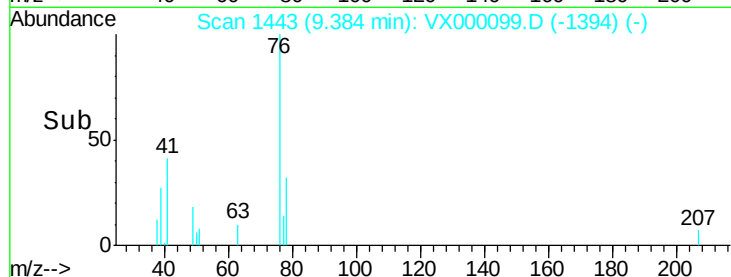
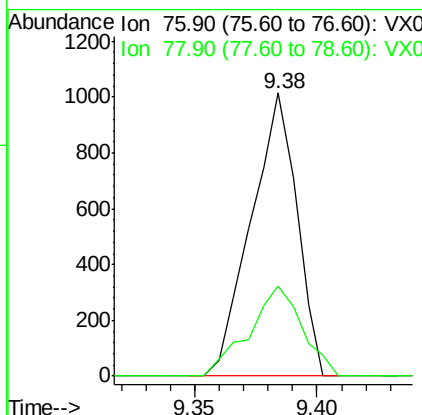
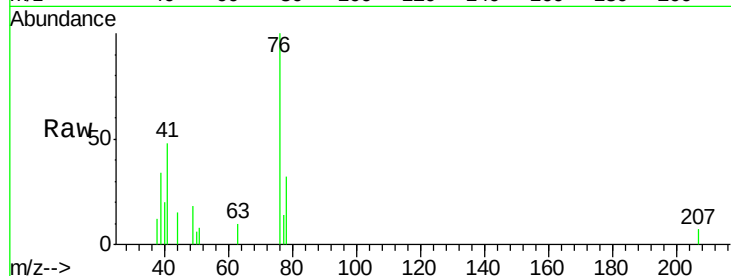




#57
 1,3-Dichloropropane
 Concen: 0.67 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

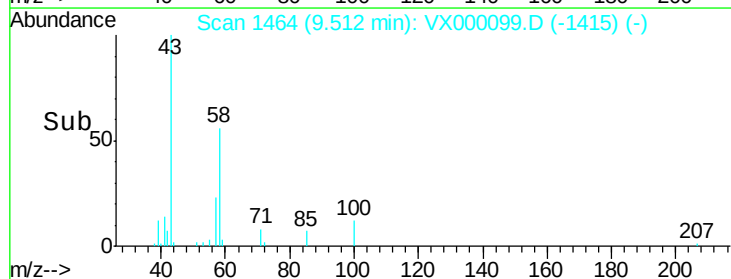
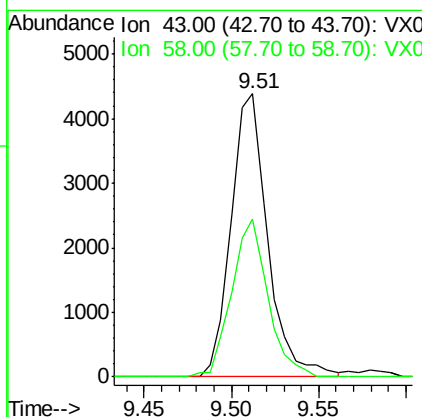
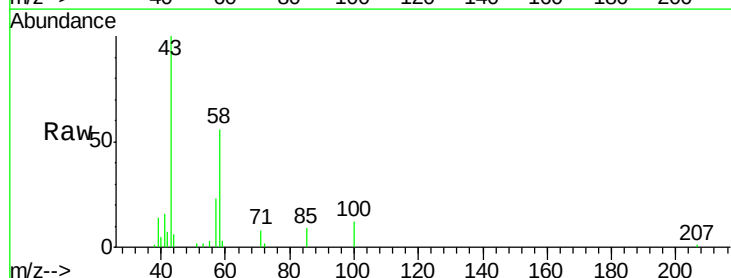
Instrument :
 ClientSampleId :
 MDL09 0.75PPB

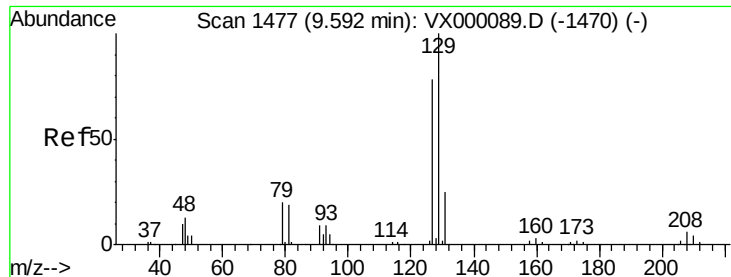
Tot Ion: 76 Resp: 1317
 Ion Ratio Lower Upper
 76 100
 78 37.0 25.8 38.8



#59
 2-Hexanone
 Concen: 3.33 ug/l
 RT: 9.51 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Tgt Ion: 43 Resp: 6374
 Ion Ratio Lower Upper
 43 100
 58 55.3 27.1 81.3





#60

Dibromochloromethane

Concen: 0.61 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

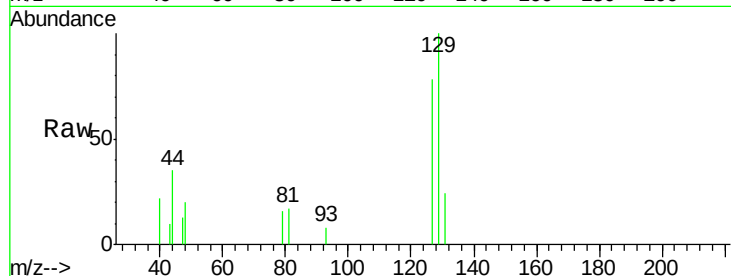
Instrument :
ClientSampleId :
MDL09 0.75PPB

Tot Ion:129 Resp: 852

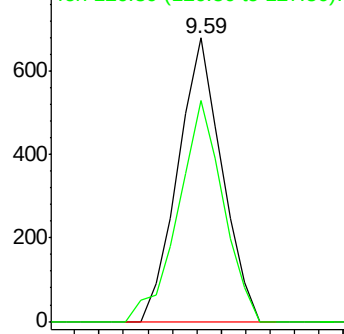
Ion Ratio Lower Upper

129 100

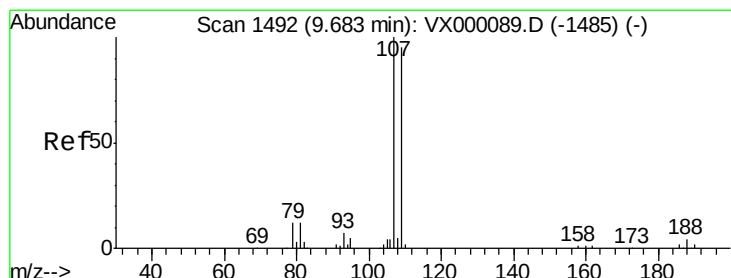
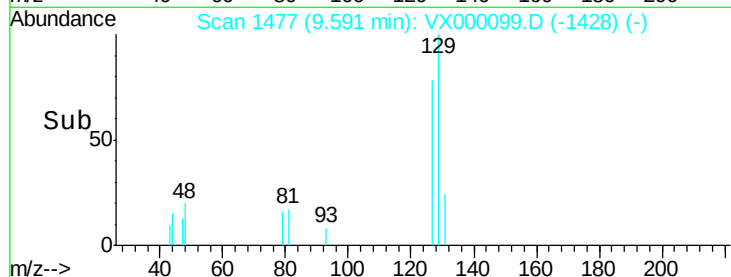
127 79.5 37.6 112.9



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 0.72 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000099.D

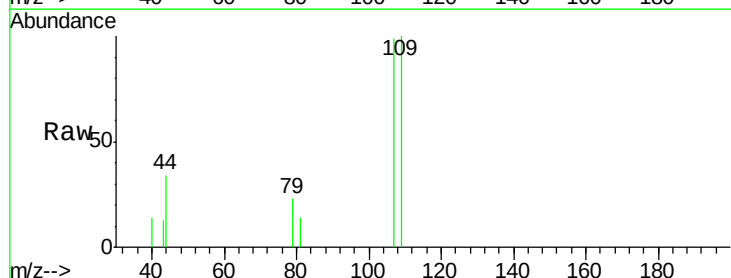
Acq: 15 Feb 2018 16:01

Tgt Ion:107 Resp: 983

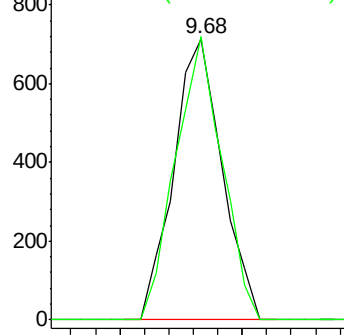
Ion Ratio Lower Upper

107 100

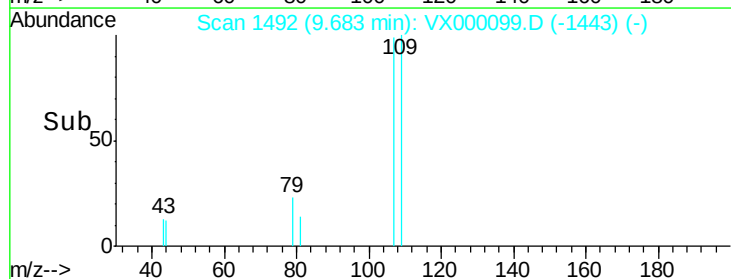
109 96.9 76.4 114.6

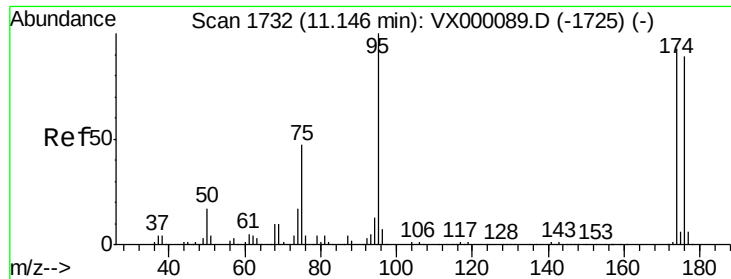


Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



Time-->

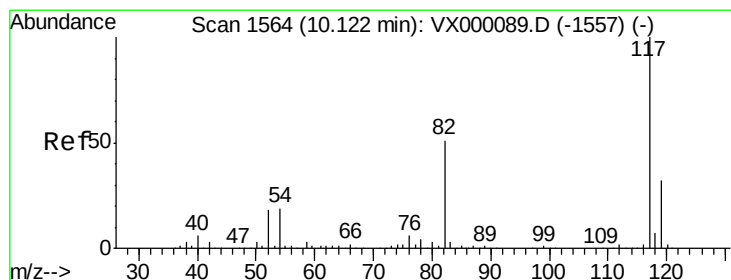
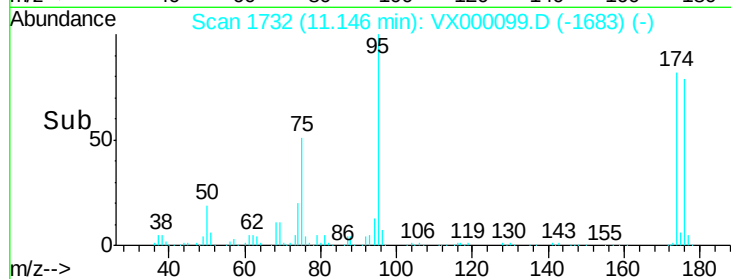
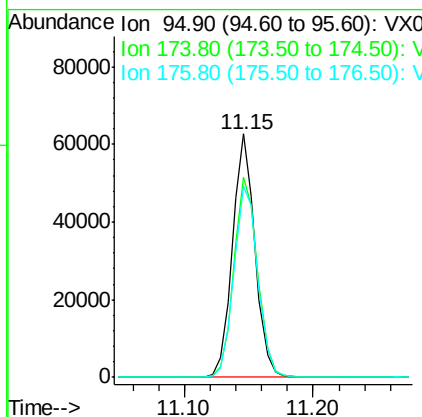
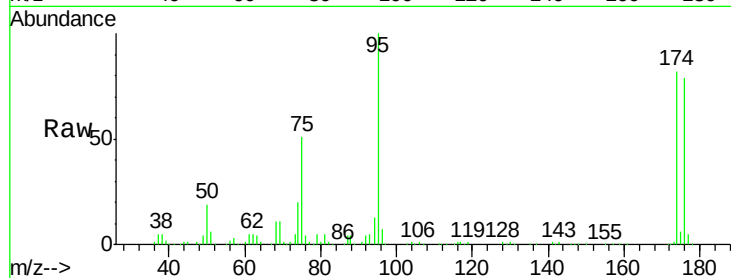




#62
4-Bromofluorobenzene
Concen: 44.95 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

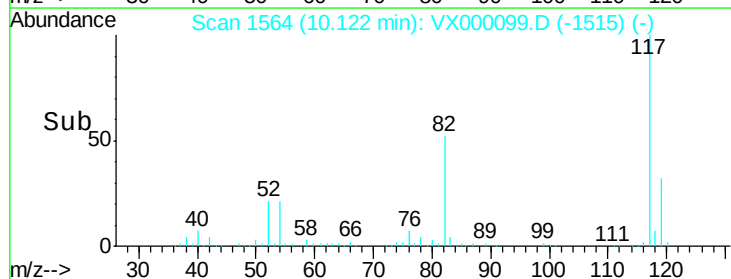
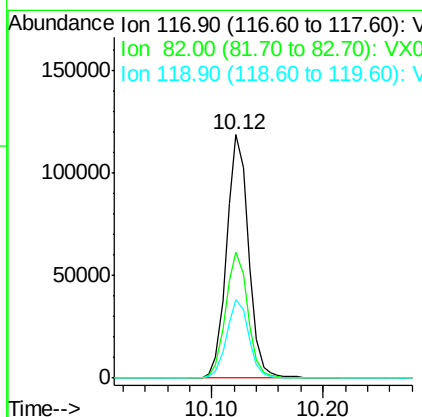
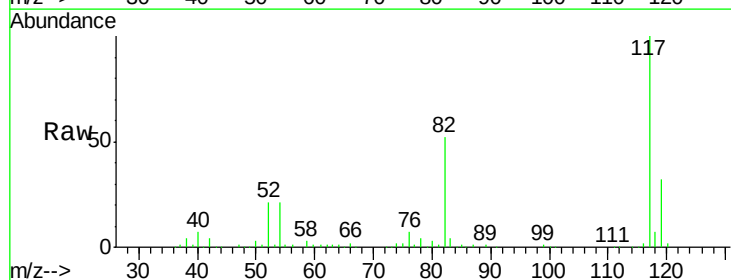
Instrument :
ClientSampleId :
MDL09 0.75PPB

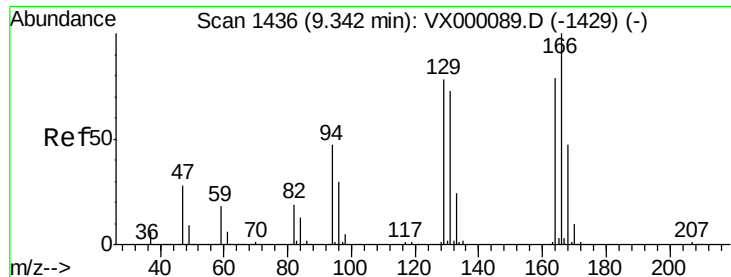
Tot Ion: 95 Resp: 76386
Ion Ratio Lower Upper
95 100
174 86.4 0.0 187.8
176 83.6 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 117 Resp: 161445
Ion Ratio Lower Upper
117 100
82 51.9 41.0 61.6
119 32.4 25.5 38.3

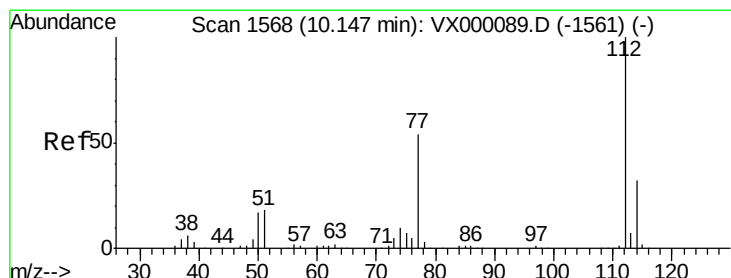
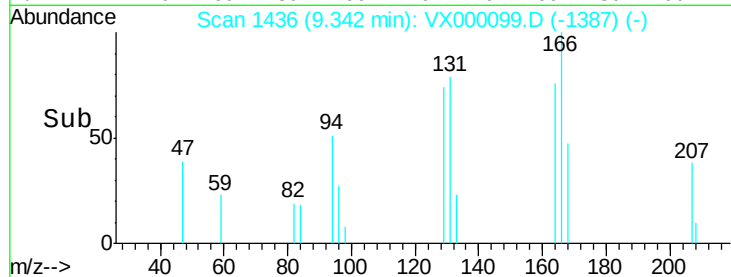
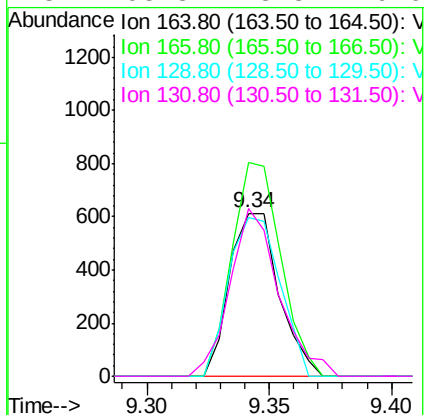
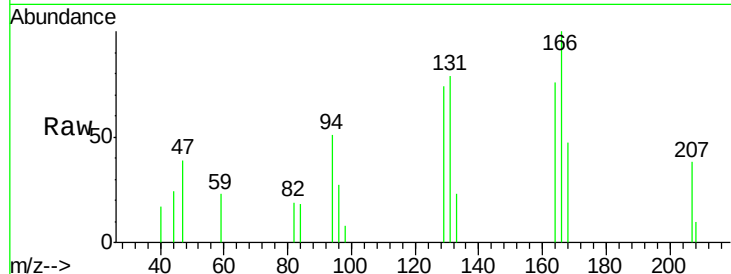




#64
Tetrachloroethene
Concen: 0.73 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

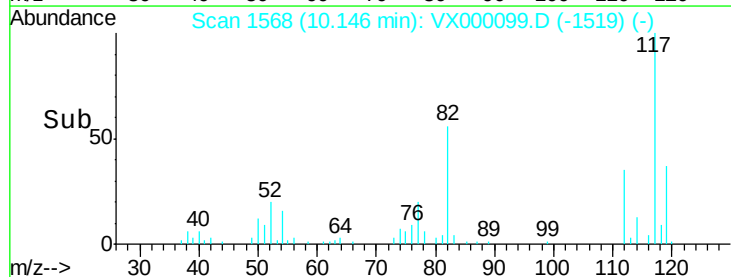
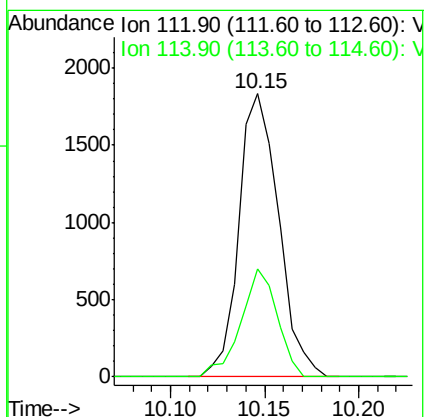
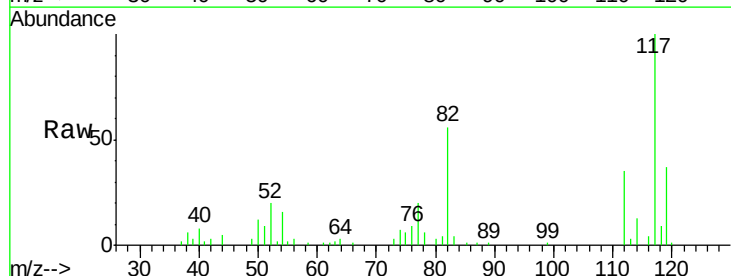
Instrument :
ClientSampleId :
MDL09 0.75PPB

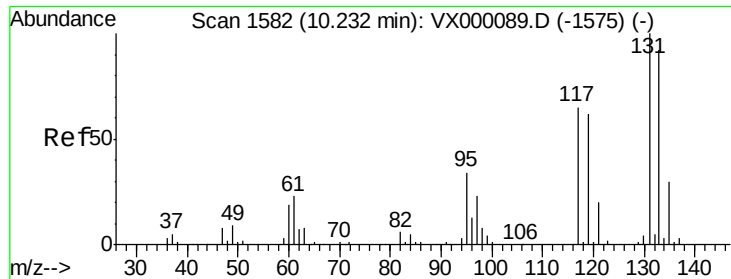
Tot Ion:164 Resp: 860
Ion Ratio Lower Upper
164 100
166 131.4 101.4 152.2
129 97.4 78.6 118.0
131 103.3 73.8 110.6



#65
Chlorobenzene
Concen: 0.79 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion:112 Resp: 2678
Ion Ratio Lower Upper
112 100
114 38.0 25.6 38.4

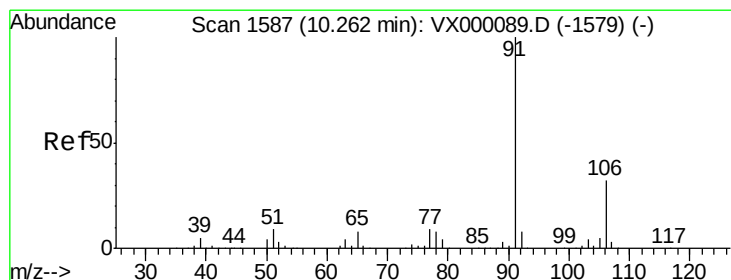
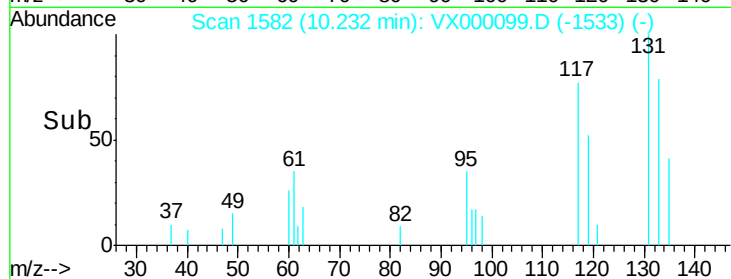
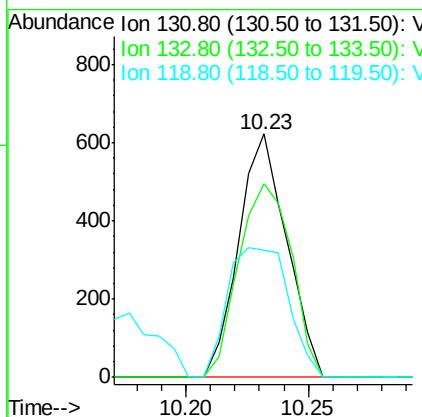
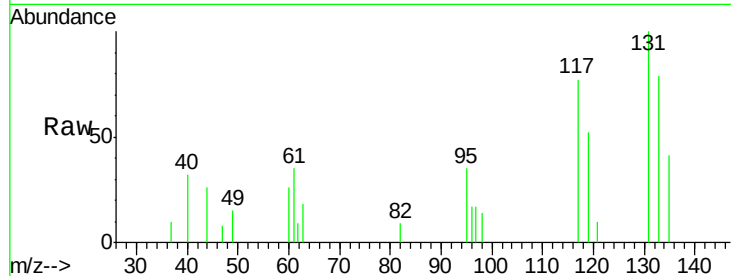




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.72 ug/l
 RT: 10.23 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

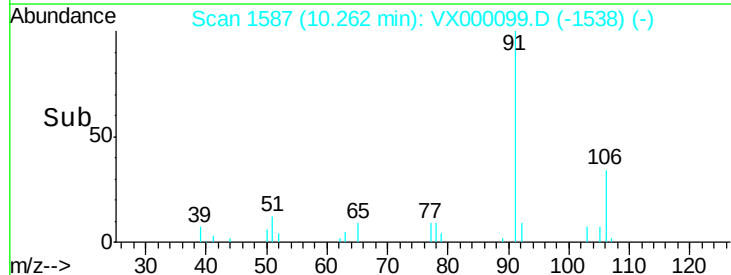
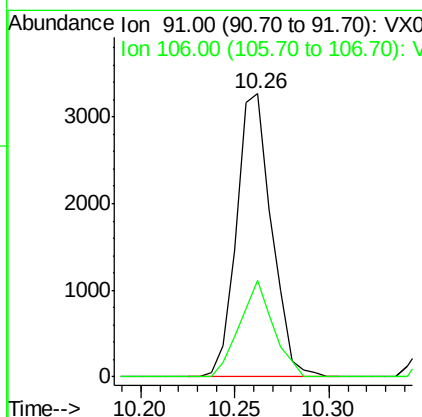
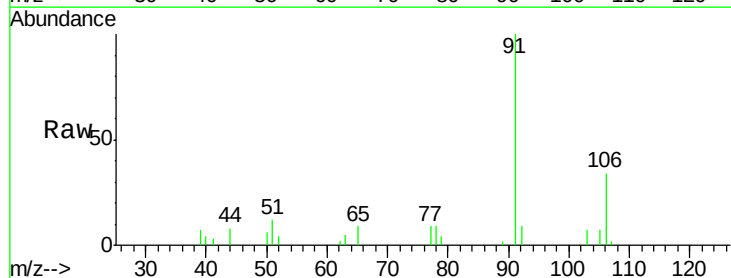
Instrument :
 ClientSampleId :
 MDL09 0.75PPB

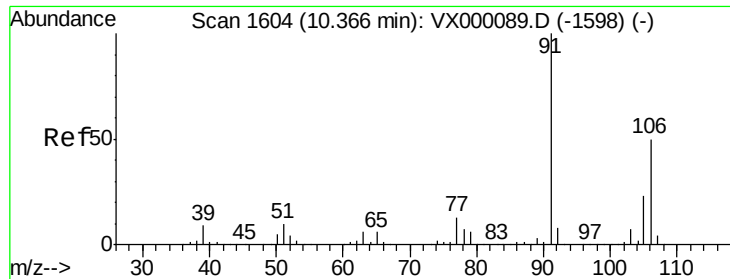
Tot Ion:131 Resp: 853
 Ion Ratio Lower Upper
 131 100
 133 87.3 47.4 142.3
 119 0.0 31.7 95.1#



#67
 Ethyl Benzene
 Concen: 0.74 ug/l
 RT: 10.26 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Tgt Ion: 91 Resp: 4225
 Ion Ratio Lower Upper
 91 100
 106 34.3 25.8 38.6

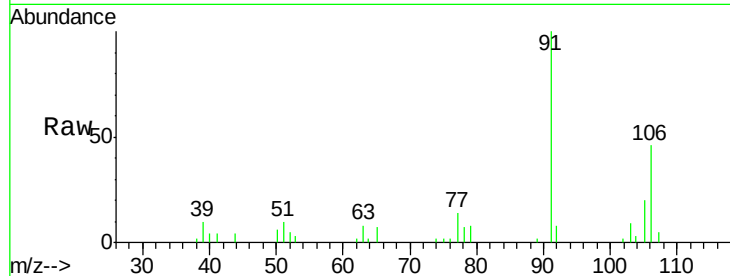




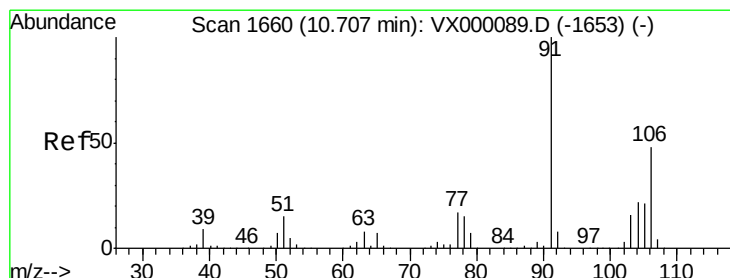
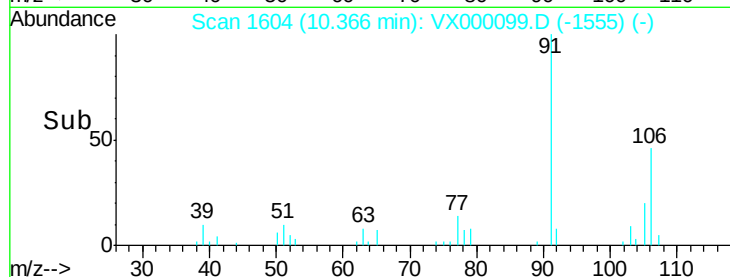
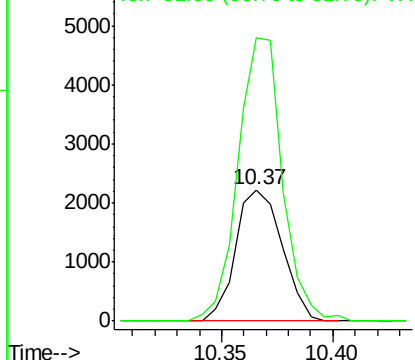
#68
m/p-Xylenes
Concen: 1.42 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Instrument :
ClientSampleId :
MDL09 0.75PPB

Tot Ion:106 Resp: 3227
Ion Ratio Lower Upper
106 100
91 206.9 159.1 238.7

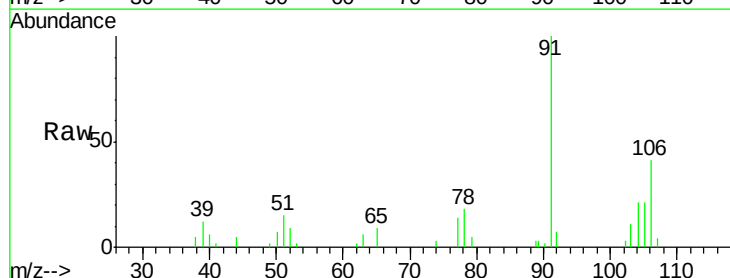


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

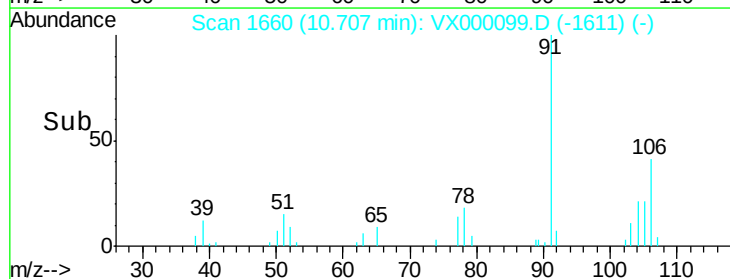
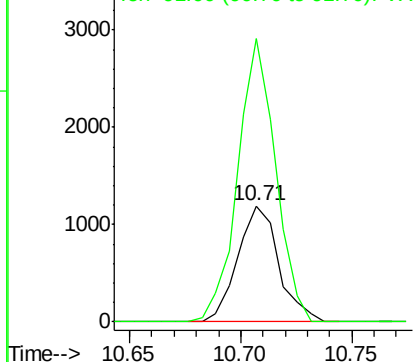


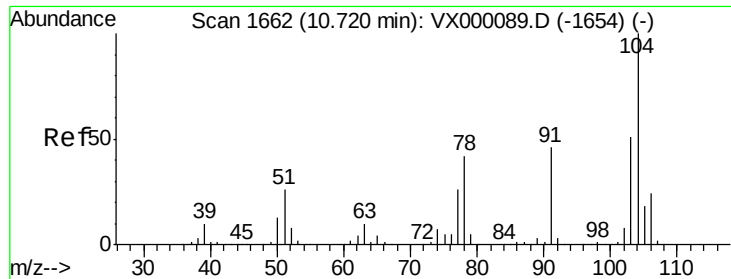
#69
o-Xylene
Concen: 0.70 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion:106 Resp: 1532
Ion Ratio Lower Upper
106 100
91 224.9 103.8 311.6



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

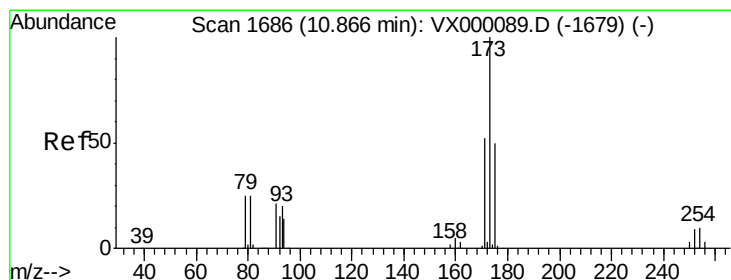
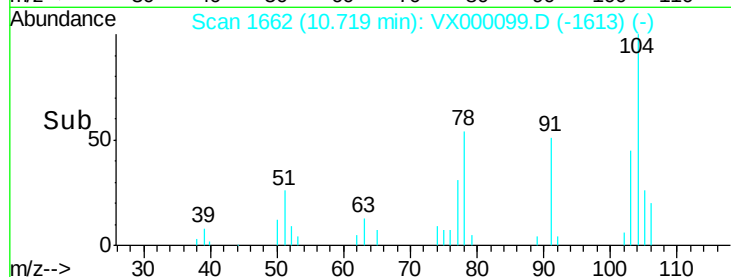
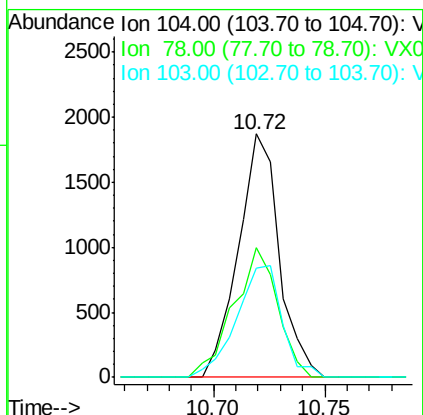
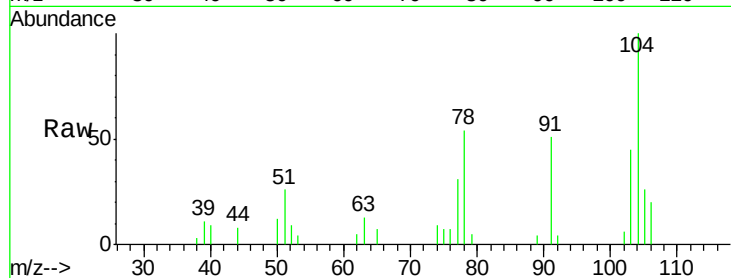




#70
Stvrene
Concen: 0.67 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

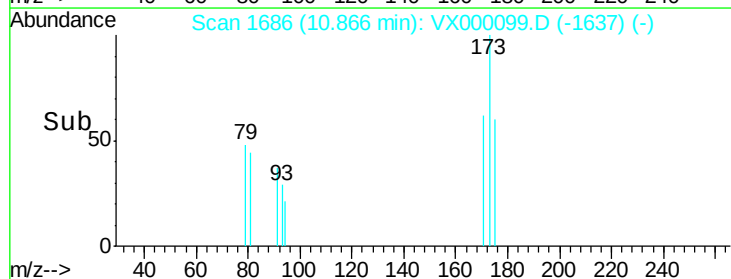
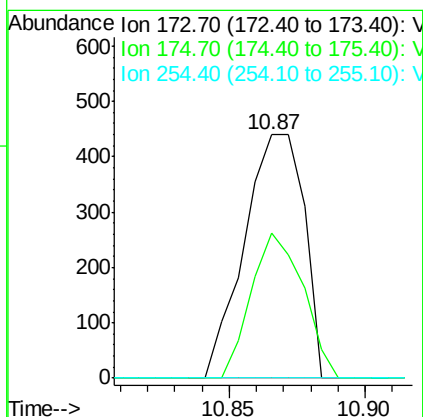
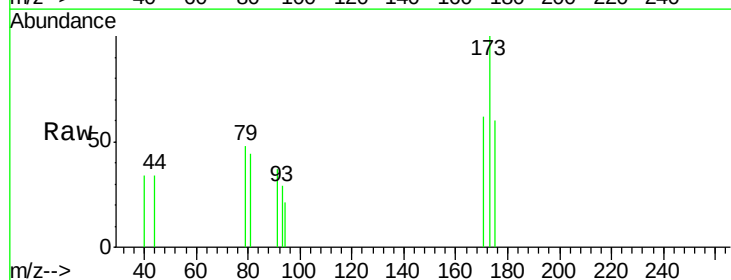
Instrument :
ClientSampled :
MDL09 0.75PPB

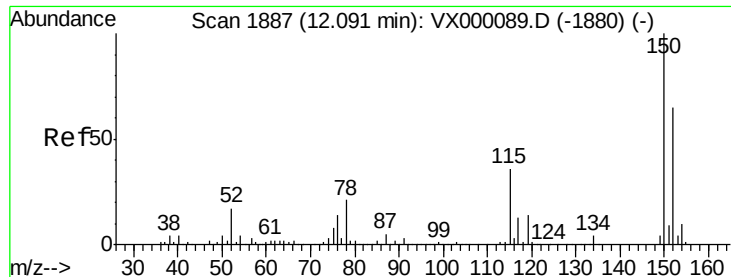
Tot Ion:104 Resp: 2399
Ion Ratio Lower Upper
104 100
78 57.4 38.2 57.4
103 51.4 44.2 66.4



#71
Bromoform
Concen: 0.62 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion:173 Resp: 669
Ion Ratio Lower Upper
173 100
175 51.9 24.3 73.0
254 0.0 0.0 0.0



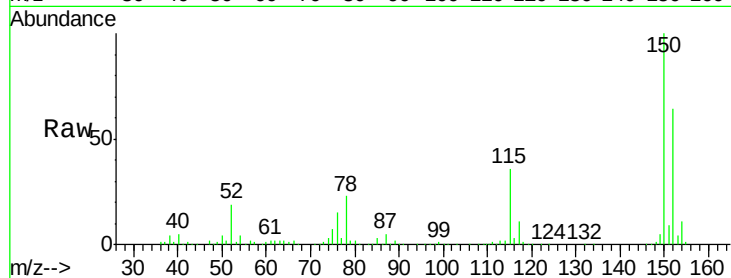


#72

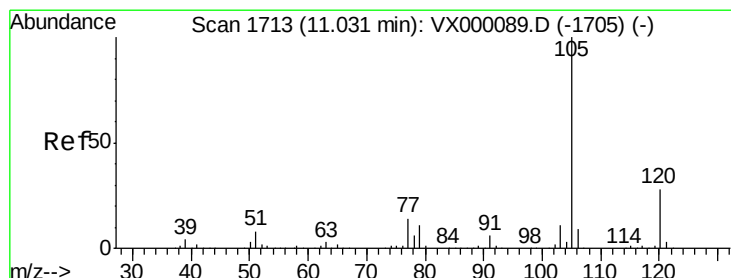
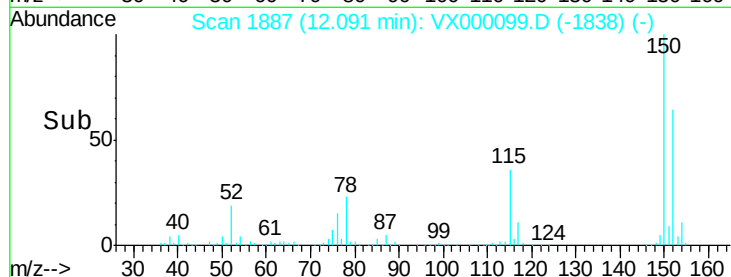
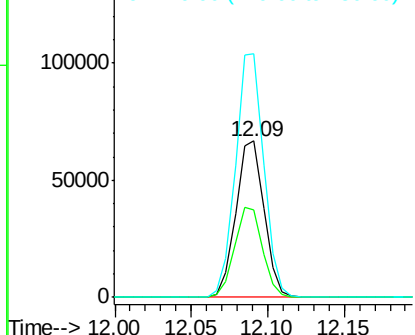
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Instrument :
ClientSampleId :
MDL09 0.75PPB

Tot Ion:152 Resp: 85283
Ion Ratio Lower Upper
152 100
115 57.4 39.1 117.2
150 156.4 0.0 348.2



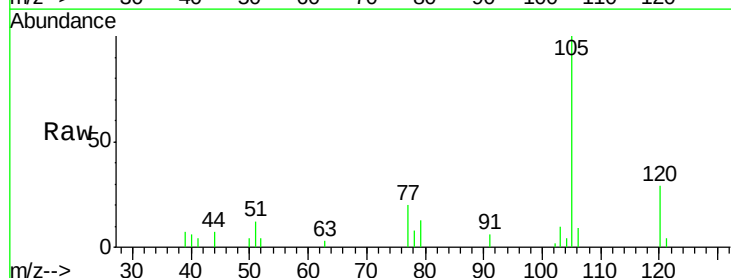
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



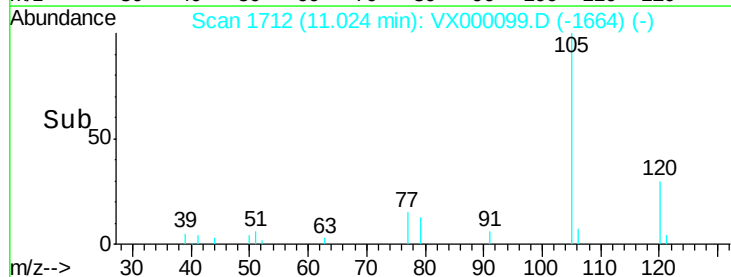
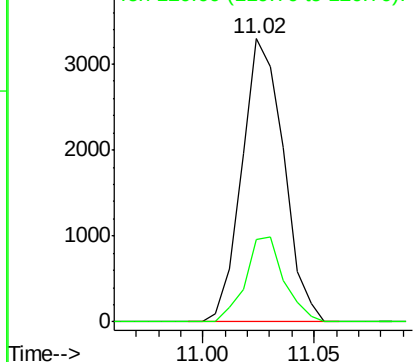
#73

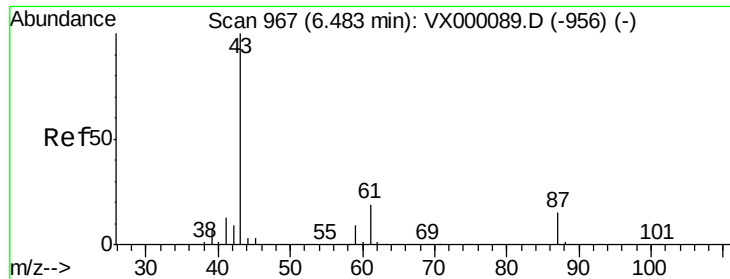
Isopropylbenzene
Concen: 0.80 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion:105 Resp: 4306
Ion Ratio Lower Upper
105 100
120 27.7 14.0 42.0



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





#74

N-amvl acetate

Concen: 0.88 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

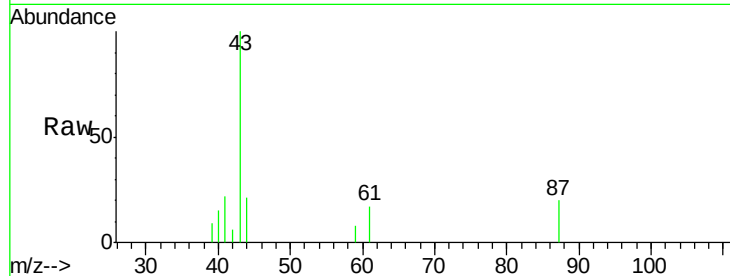
ClientSampled :

MDL09 0.75PPB

Tot Ion: 43 Resp: 2409

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	16.6	15.6	23.4

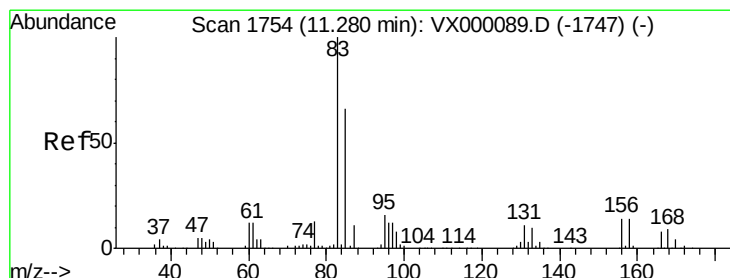
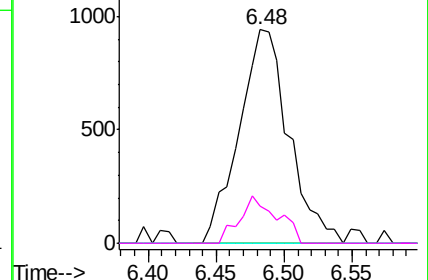
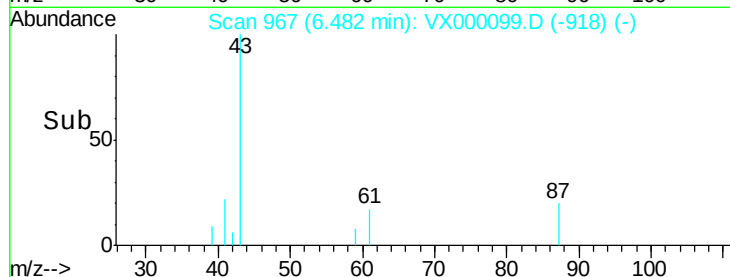


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.73 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

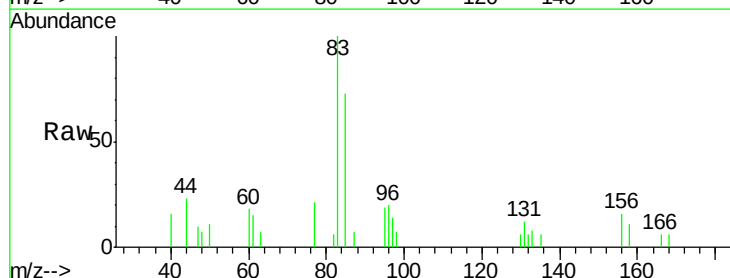
Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Tgt Ion: 83 Resp: 1378

Ion Ratio Lower Upper

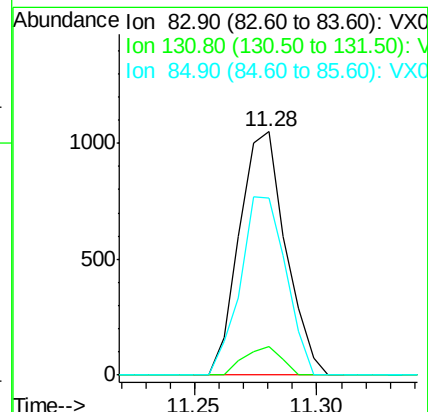
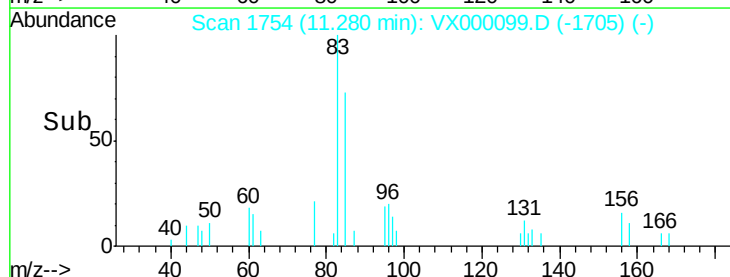
83	100		
131	9.5	5.6	16.8
85	72.1	32.3	96.8

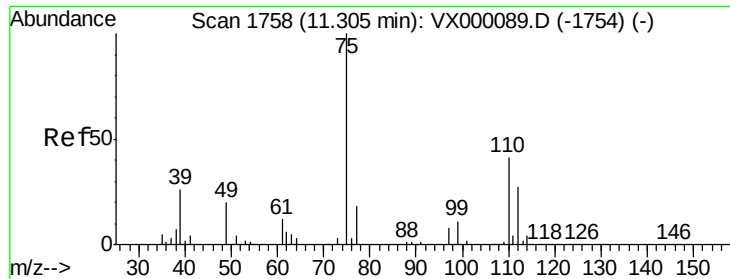


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

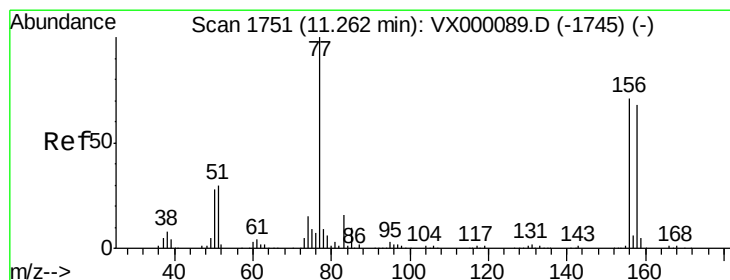
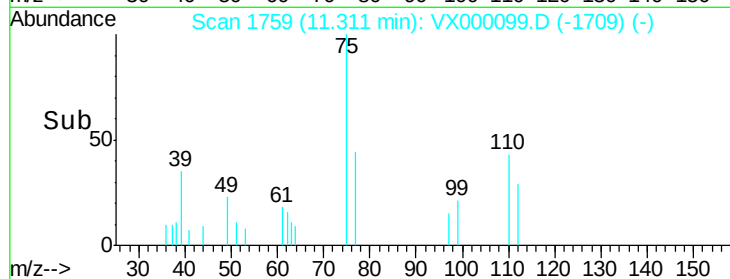
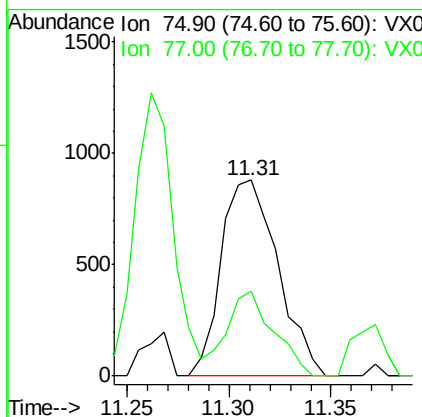
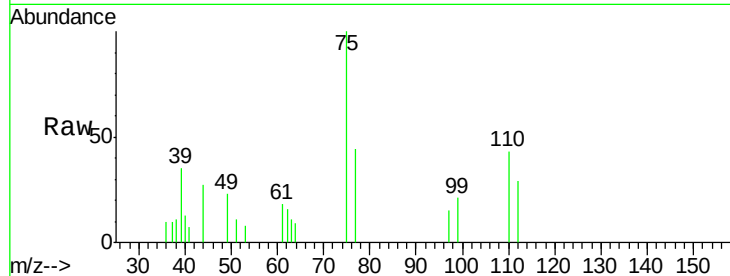




#76
 1,2,3-Trichloropropane
 Concen: 0.96 ug/l
 RT: 11.31 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

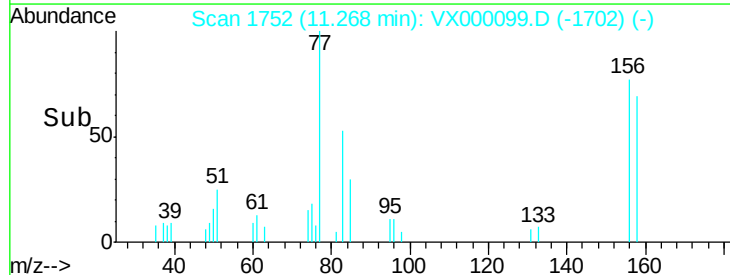
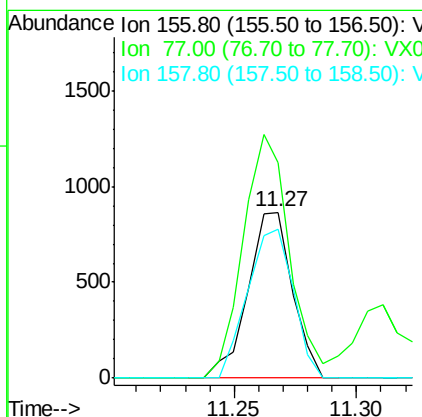
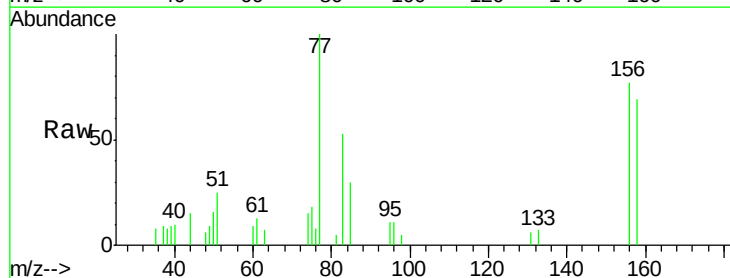
Instrument :
 ClientSampled :
 MDL09 0.75PPB

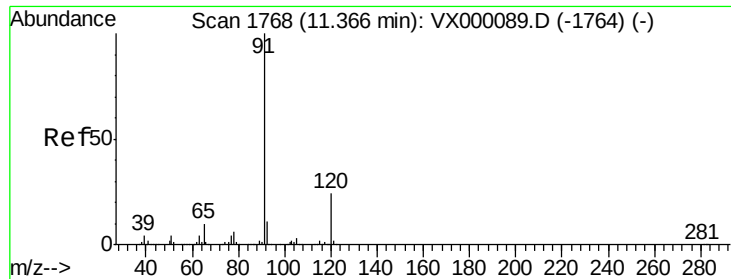
Tot Ion: 75 Resp: 1700
 Ion Ratio Lower Upper
 75 100
 77 35.8 22.8 68.3



#77
 Bromobenzene
 Concen: 0.75 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. 0.01 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Tgt Ion: 156 Resp: 1105
 Ion Ratio Lower Upper
 156 100
 77 151.3 67.0 201.0
 158 91.7 48.3 144.9





#78

n-propylbenzene

Concen: 0.81 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

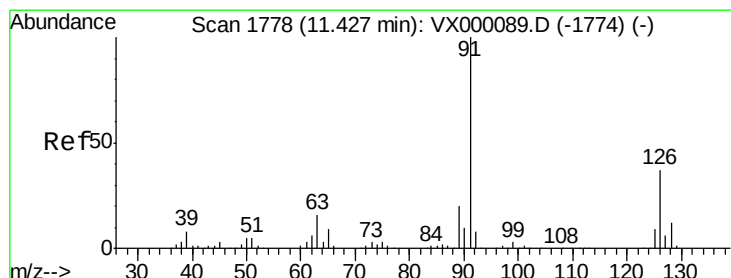
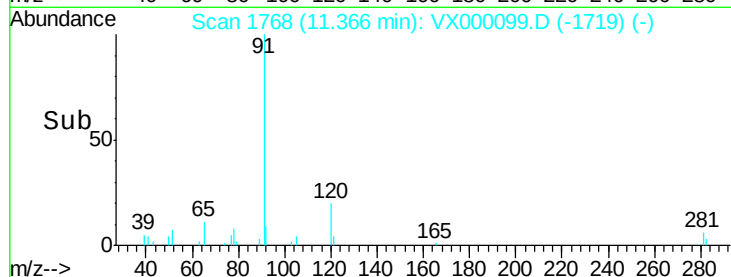
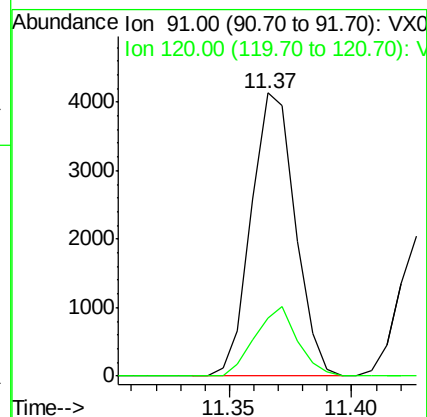
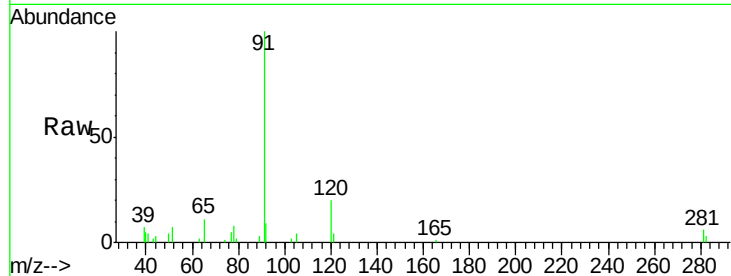
MDL09 0.75PPB

Tot Ion: 91 Resp: 5183

Ion Ratio Lower Upper

91 100

120 23.4 12.3 36.9



#79

2-Chlorotoluene

Concen: 0.79 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX000099.D

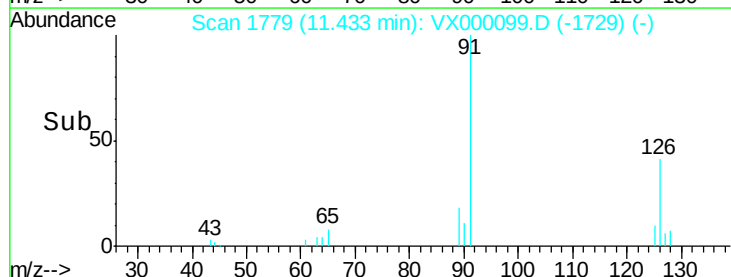
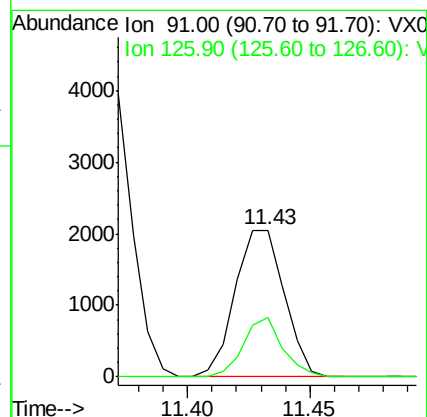
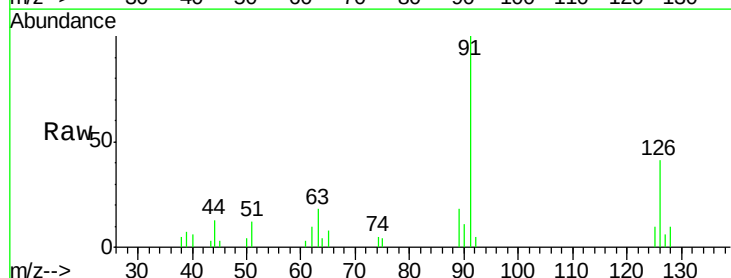
Acq: 15 Feb 2018 16:01

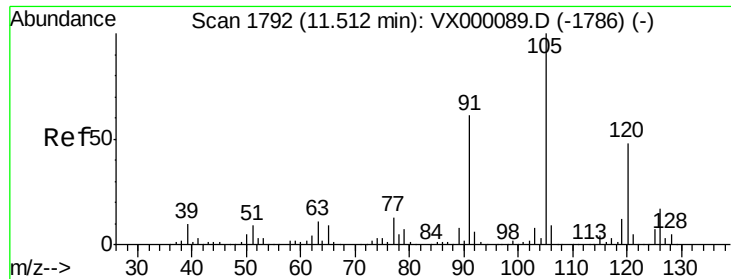
Tgt Ion: 91 Resp: 2878

Ion Ratio Lower Upper

91 100

126 32.5 18.4 55.2

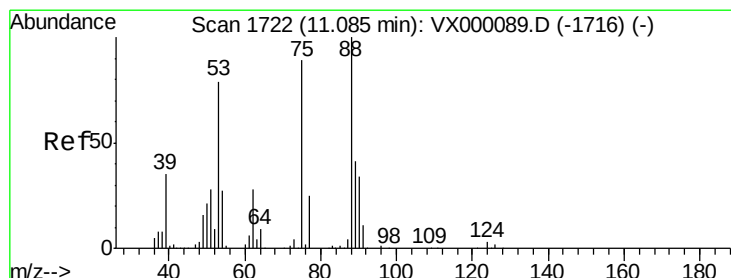
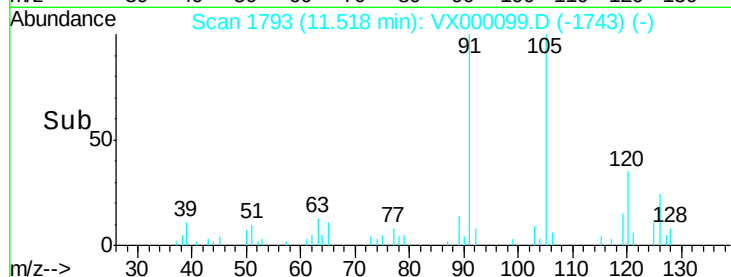
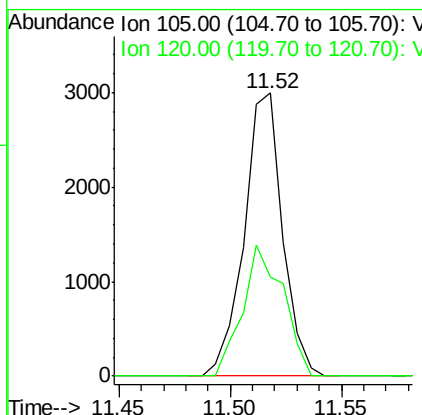
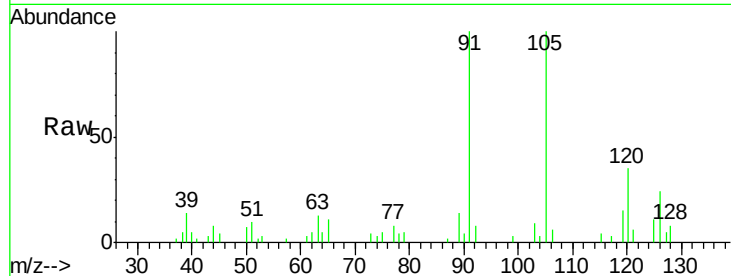




#80
 1,3,5-Trimethylbenzene
 Concen: 0.79 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

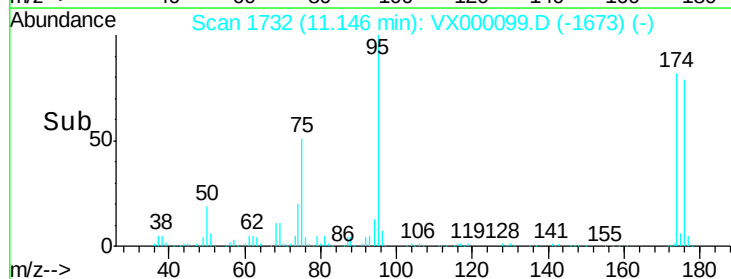
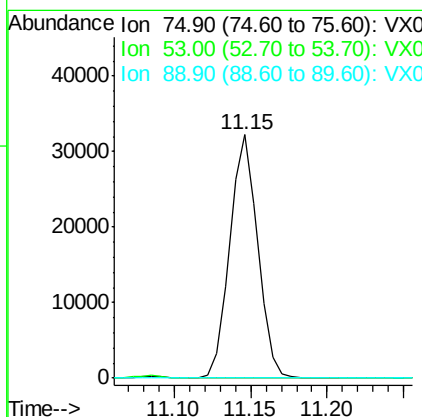
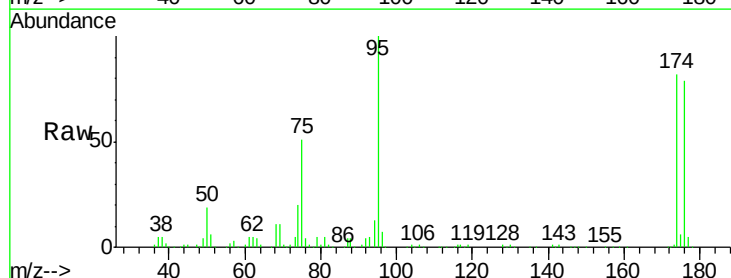
Instrument :
 ClientSampled :
 MDL09 0.75PPB

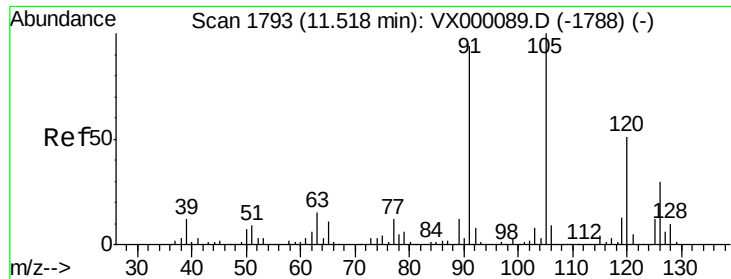
Tot Ion:105 Resp: 3599
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.73 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Tgt Ion: 75 Resp: 40769
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.3 108.5#
 89 0.1 40.6 60.8#

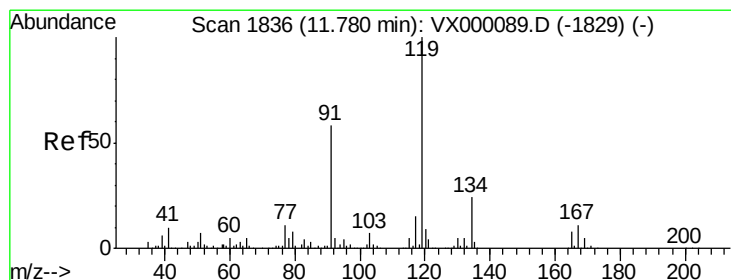
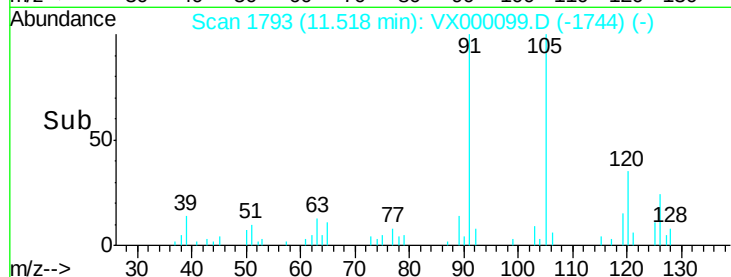
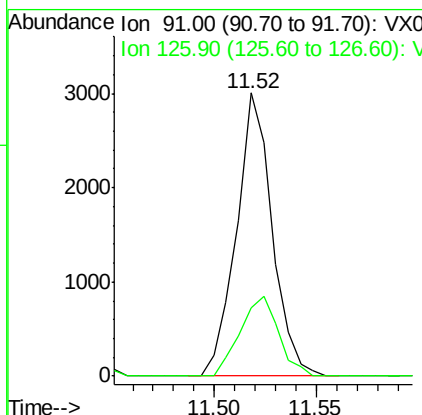
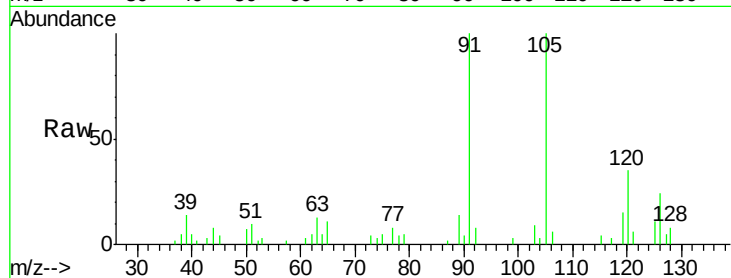




#82
4-Chlorotoluene
Concen: 0.83 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

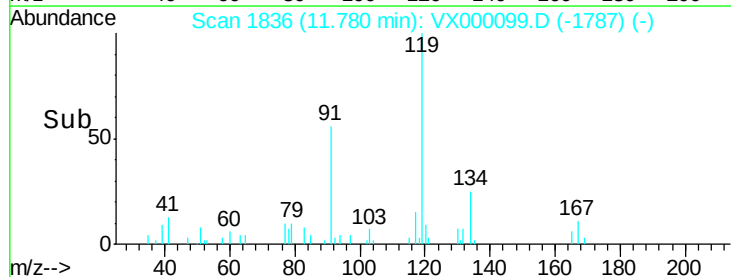
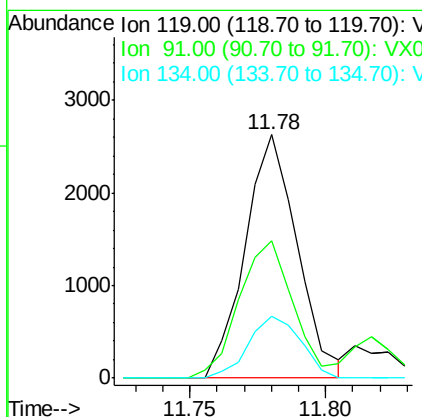
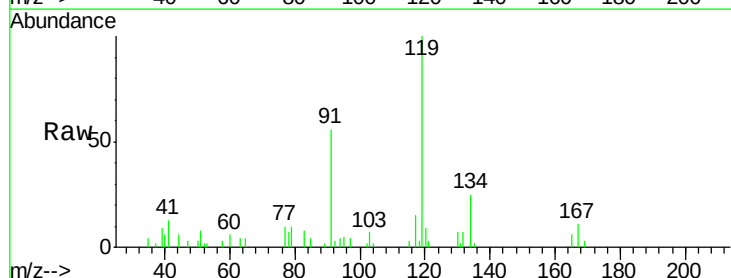
Instrument :
ClientSampled :
MDL09 0.75PPB

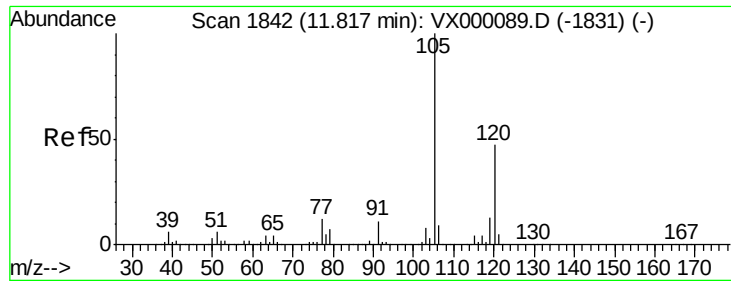
Tot Ion: 91 Resp: 3657
Ion Ratio Lower Upper
91 100
126 30.3 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.76 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000099.D
Acq: 15 Feb 2018 16:01

Tgt Ion: 119 Resp: 3491
Ion Ratio Lower Upper
119 100
91 57.9 28.4 85.2
134 25.4 11.8 35.4

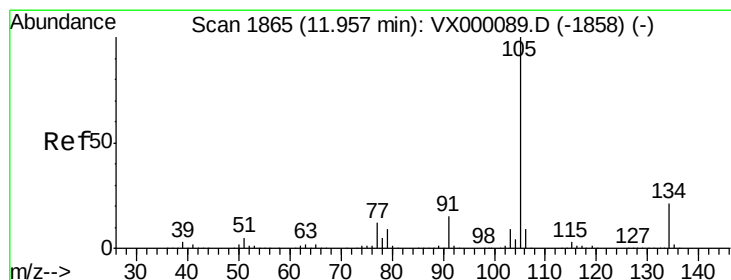
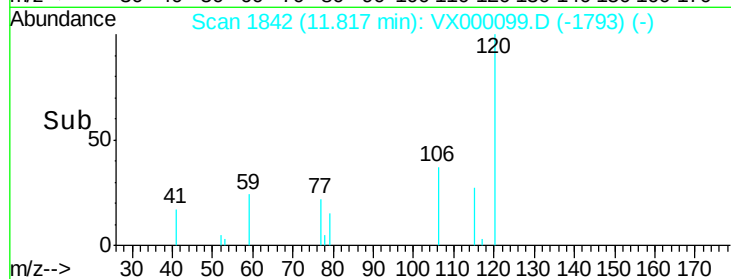
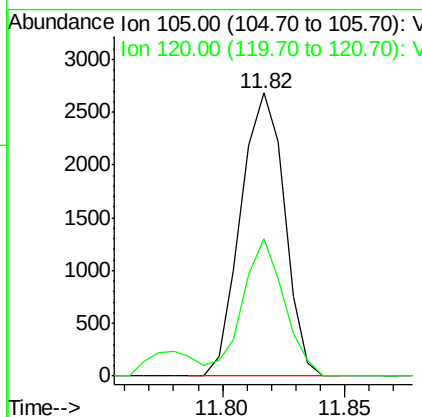
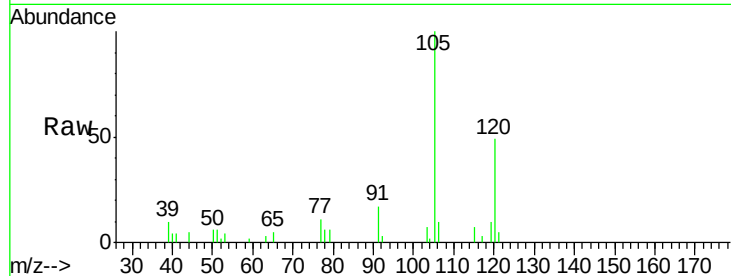




#84
 1,2,4-Trimethylbenzene
 Concen: 0.71 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

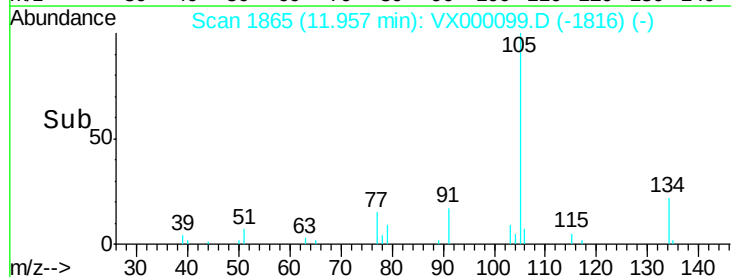
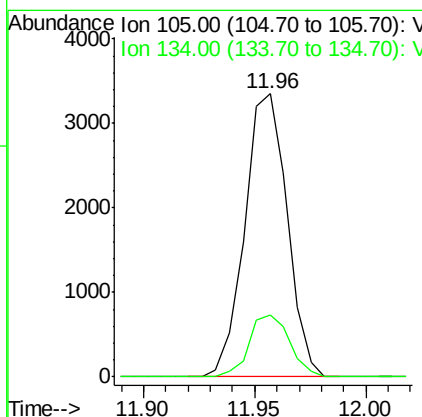
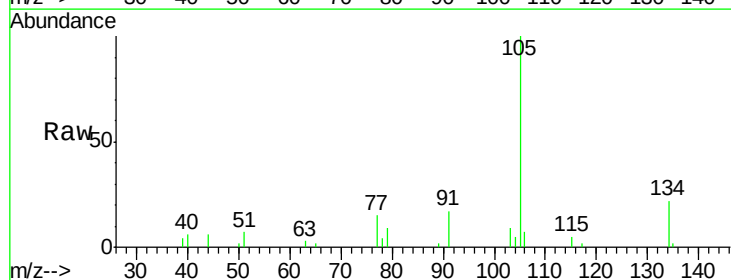
Instrument :
 ClientSampled :
 MDL09 0.75PPB

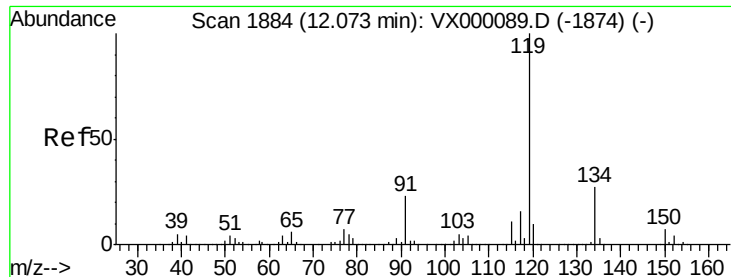
Tot Ion:105 Resp: 3354
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 0.78 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Tgt Ion:105 Resp: 4446
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.6

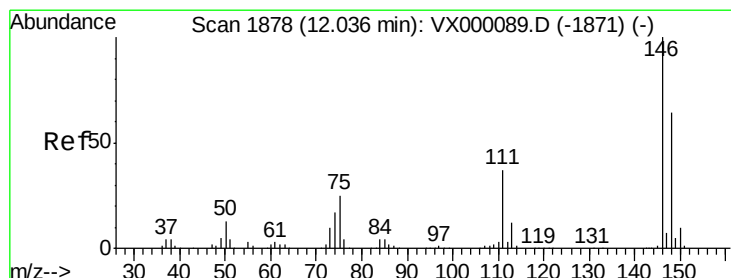
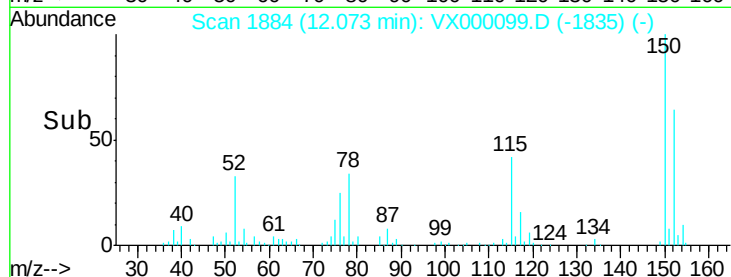
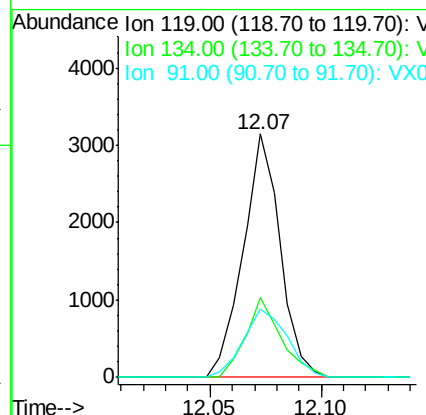
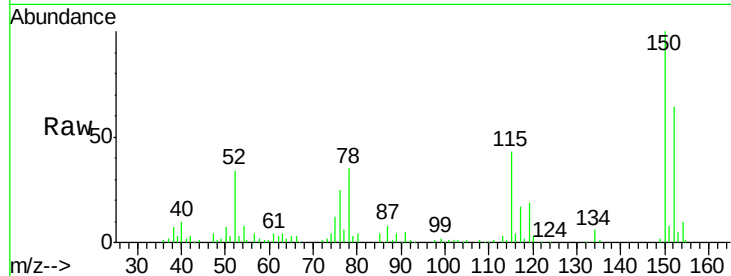




#86
 p-Isopropyltoluene
 Concen: 0.71 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 16:01

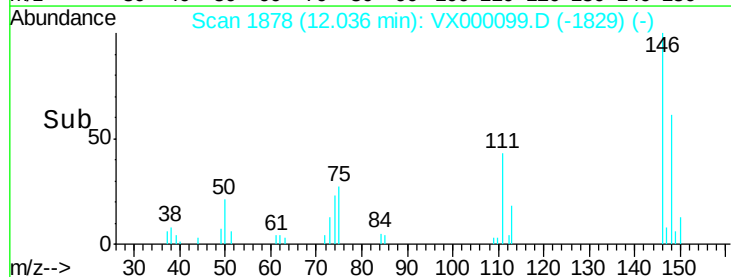
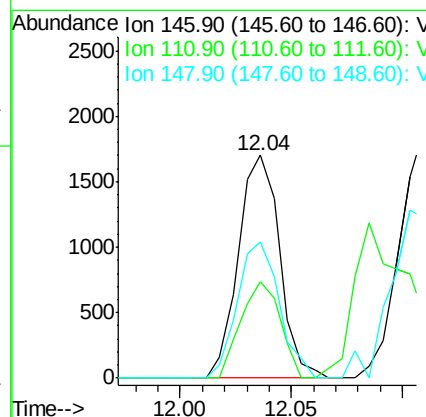
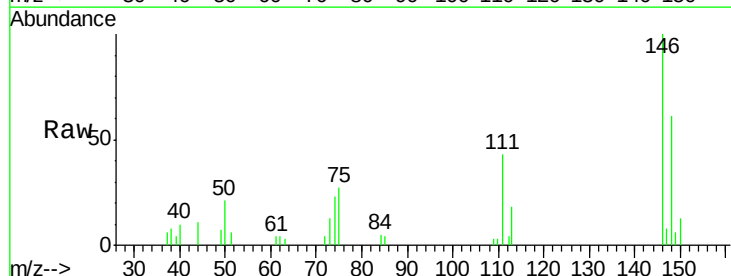
Instrument :
 ClientSampled :
 MDL09 0.75PPB

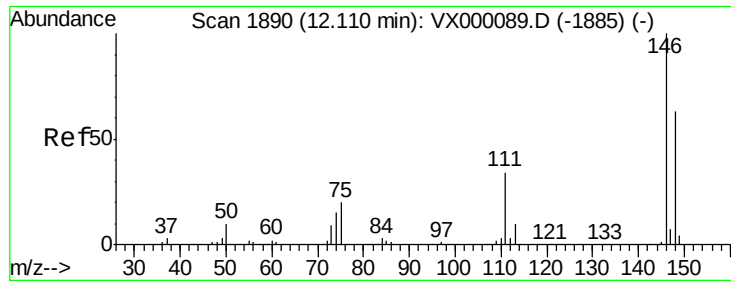
Tot Ion:119 Resp: 3654
 Ion Ratio Lower Upper
 119 100
 134 31.6 13.7 41.0
 91 33.3 11.7 35.0



#87
 1,3-Dichlorobenzene
 Concen: 0.78 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 16:01

Tgt Ion:146 Resp: 2196
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.1 57.3
 148 62.1 32.2 96.6

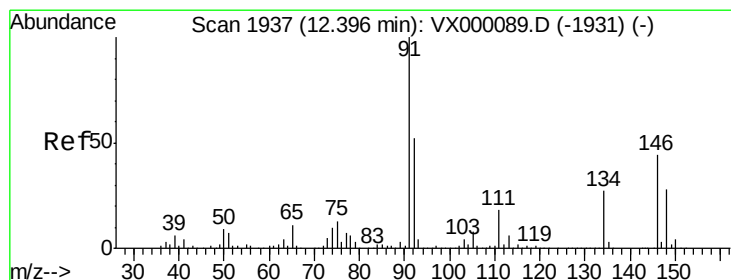
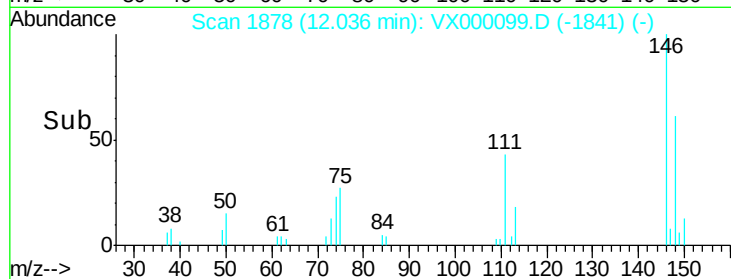
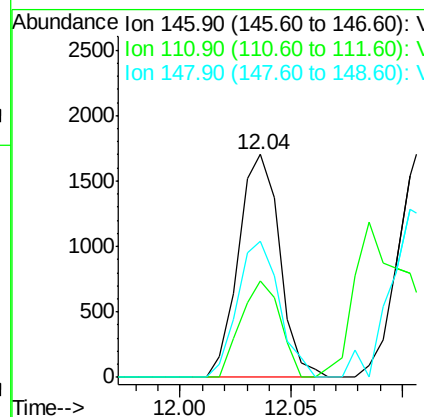
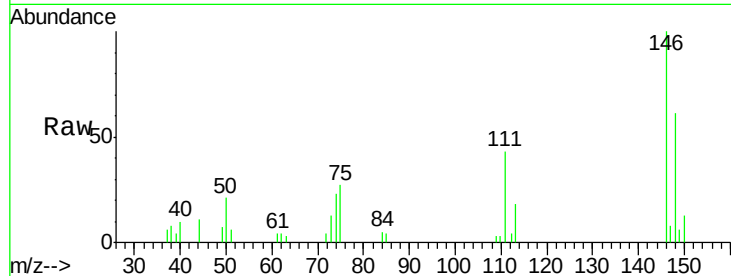




#88
 1,4-Dichlorobenzene
 Concen: 0.76 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.07 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

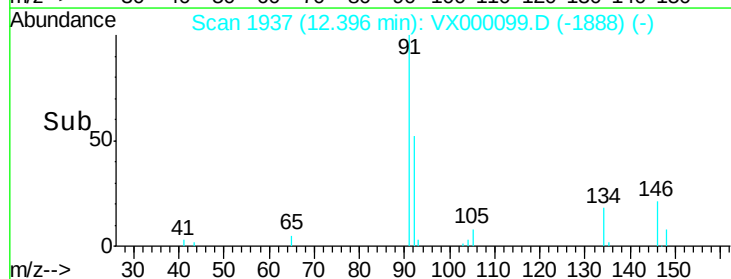
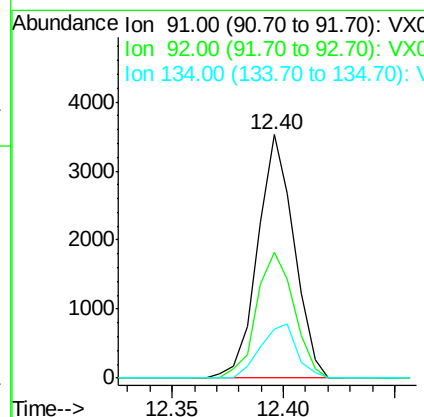
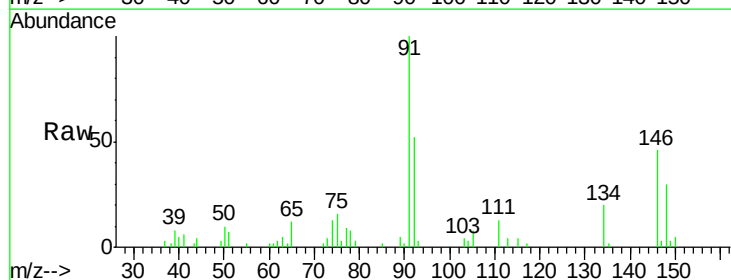
Instrument :
 ClientSampled :
 MDL09 0.75PPB

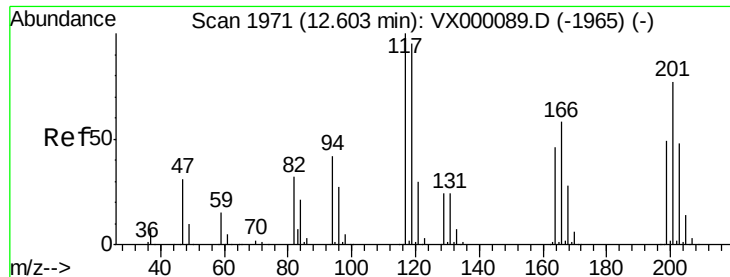
Tot Ion:146 Resp: 2196
 Ion Ratio Lower Upper
 146 100
 111 41.3 18.4 55.0
 148 62.1 31.9 95.9



#89
 n-Butylbenzene
 Concen: 0.83 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Tgt Ion: 91 Resp: 3999
 Ion Ratio Lower Upper
 91 100
 92 53.4 26.2 78.6
 134 22.2 14.3 42.9





#90

Hexachloroethane

Concen: 0.64 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

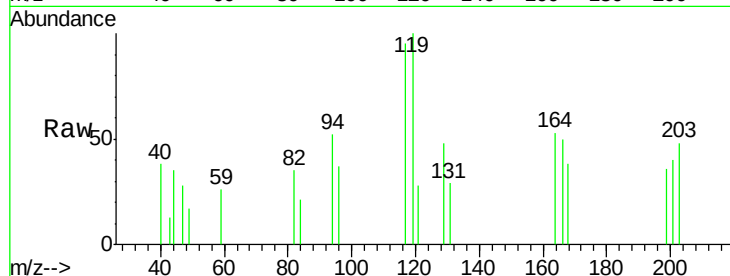
MDL09 0.75PPB

Tot Ion:117 Resp: 537

Ion Ratio Lower Upper

117 100

201 66.9 41.1 123.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.60

400

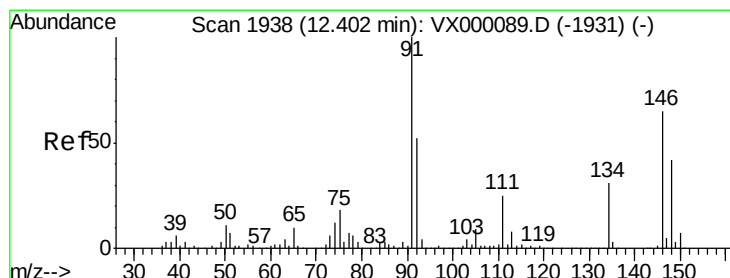
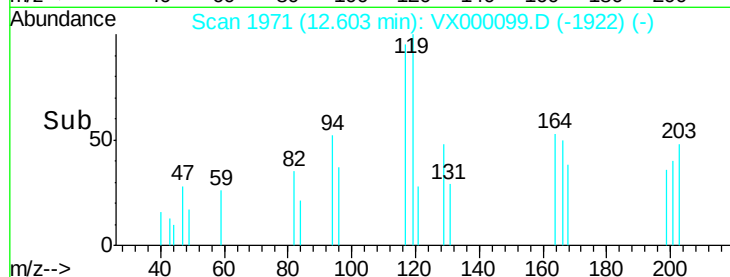
300

200

100

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.81 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

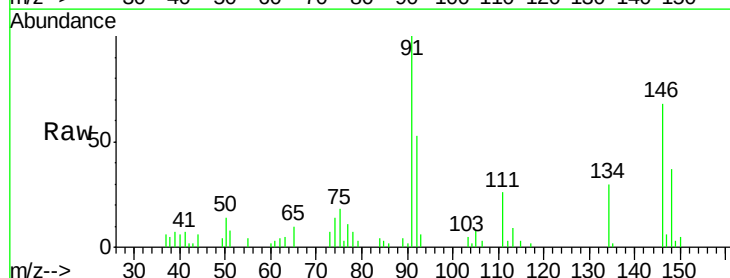
Tgt Ion:146 Resp: 2237

Ion Ratio Lower Upper

146 100

111 35.7 19.6 58.8

148 59.9 32.4 97.0



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

2500

2000

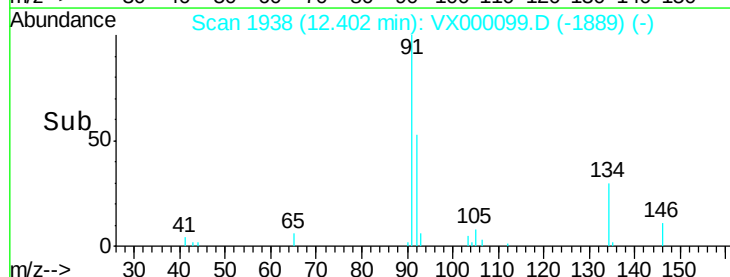
1500

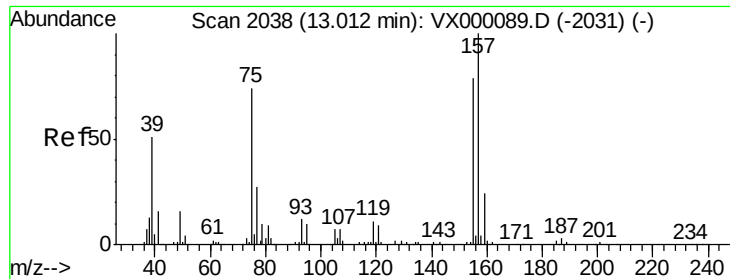
1000

500

0

Time-->

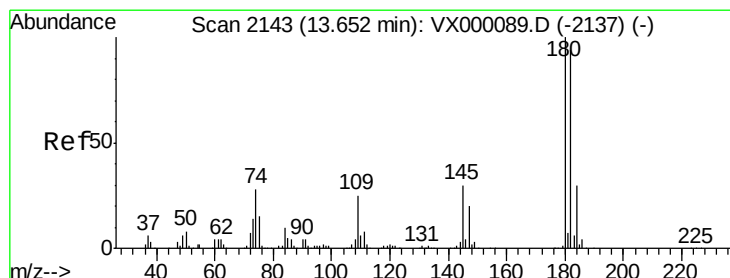
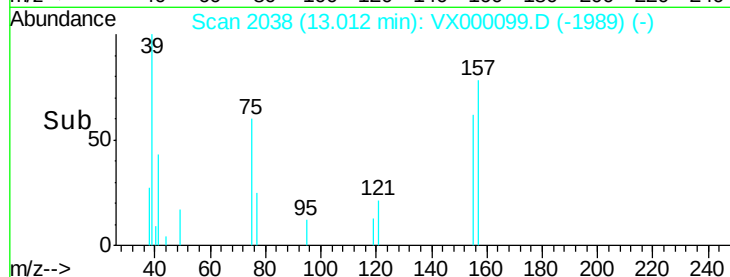
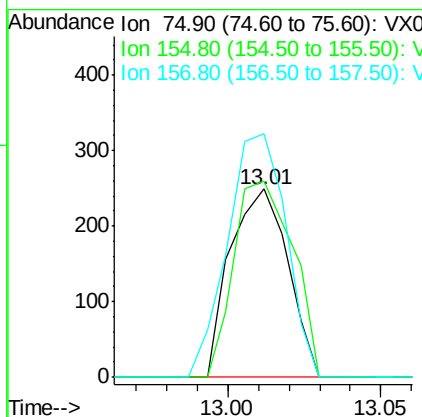
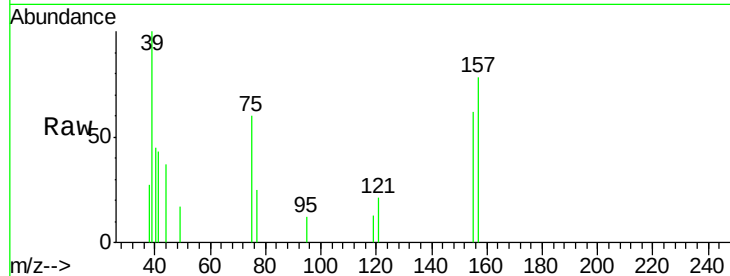




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.62 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 16:01

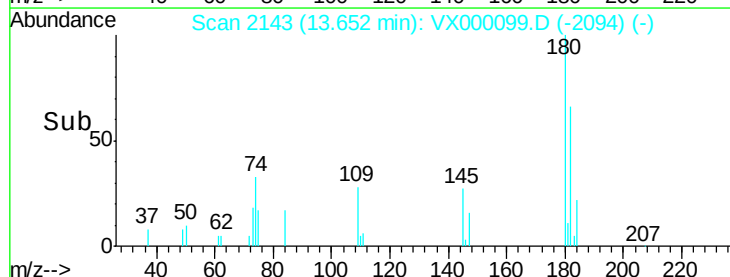
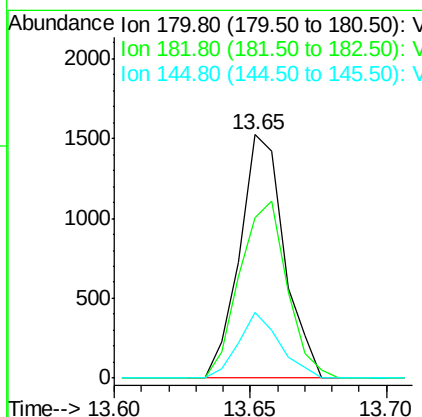
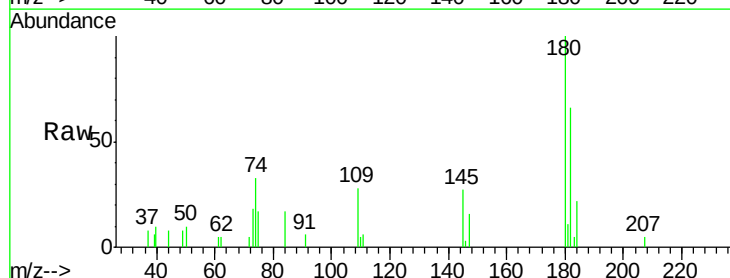
Instrument :
 ClientSampled :
 MDL09 0.75PPB

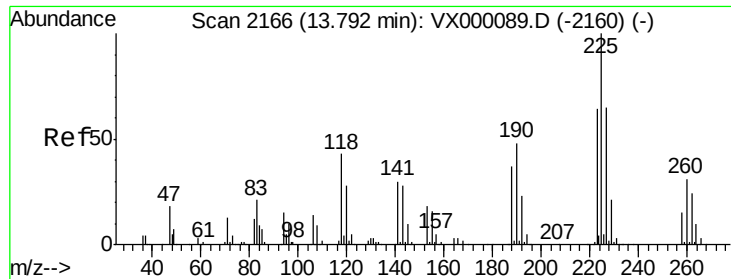
Tot Ion: 75 Resp: 324
 Ion Ratio Lower Upper
 75 100
 155 106.8 49.3 147.9
 157 131.8 63.7 191.1



#93
 1,2,4-Trichlorobenzene
 Concen: 0.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 16:01

Tgt Ion: 180 Resp: 1729
 Ion Ratio Lower Upper
 180 100
 182 77.3 47.8 143.4
 145 25.0 14.7 44.1





#94

Hexachlorobutadiene

Concen: 0.74 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

Instrument :

ClientSampled :

MDL09 0.75PPB

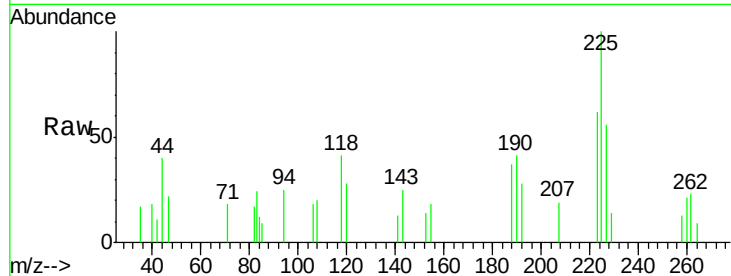
Tot Ion:225 Resp: 674

Ion Ratio Lower Upper

225 100

223 73.3 31.9 95.7

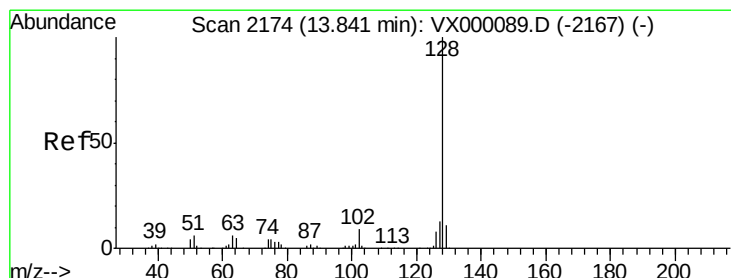
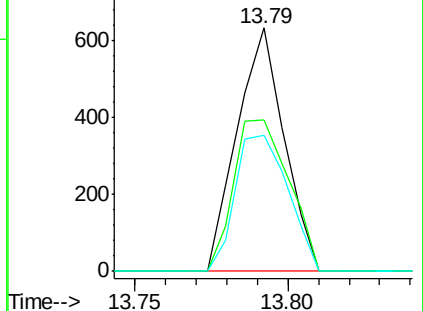
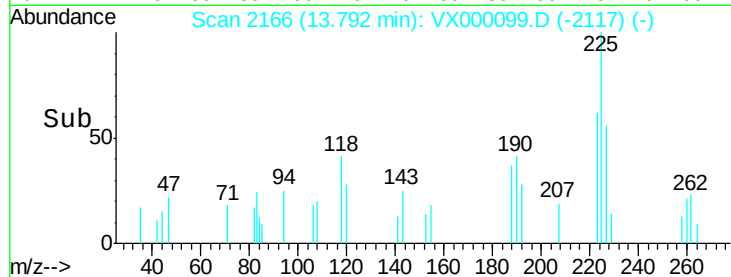
227 62.8 32.8 98.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.69 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000099.D

Acq: 15 Feb 2018 16:01

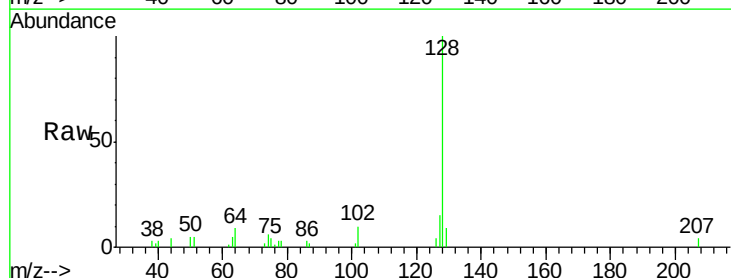
Tgt Ion:128 Resp: 4829

Ion Ratio Lower Upper

128 100

127 14.9 10.4 15.6

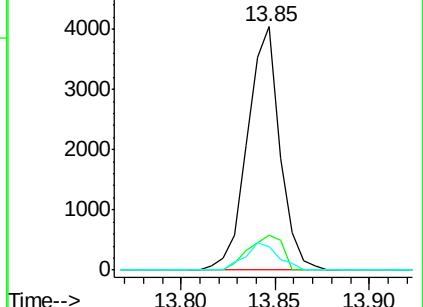
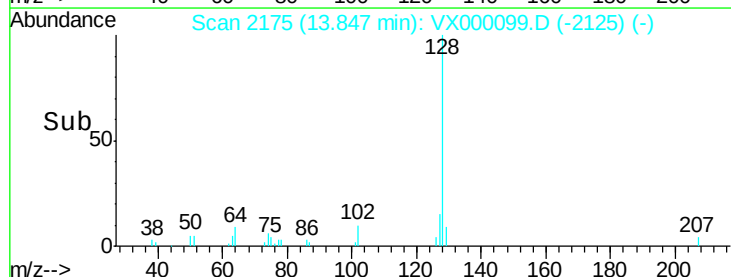
129 11.1 8.7 13.1

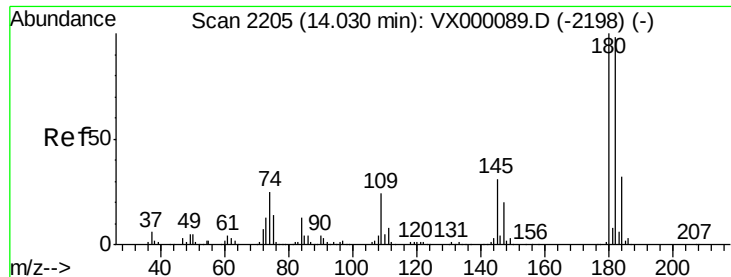


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

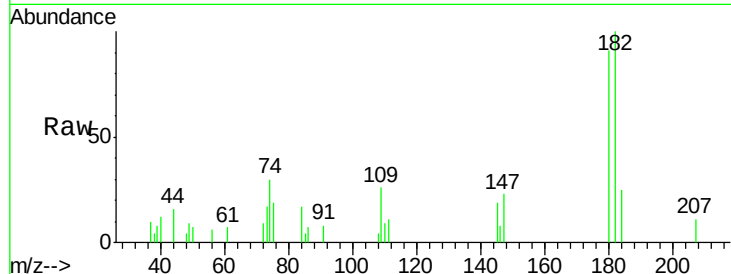




#96
 1,2,3-Trichlorobenzene
 Concen: 0.67 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VX000099.D
 Acq: 15 Feb 2018 16:01

Instrument :
 ClientSampleId :
 MDL09 0.75PPB

Tot Ion	Ratio	Lower	Upper
180	100		
182	107.5	48.2	144.6
145	31.9	15.3	45.9



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

