

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022018\
 Data File : VX000114.D
 Acq On : 20 Feb 2018 18:21
 Operator : JC/MD
 Sample : MDL01 2PPB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

Quant Time: Feb 21 06:18:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	15792	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	94131	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	87546	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	37427	30.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.07%
60) 4-Bromofluorobenzene	11.15	95	42621	29.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.20%
63) Toluene-d8	8.73	98	116113	30.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2150	2.19	ug/l	97
3) Chloromethane	1.32	50	2284	2.33	ug/l	94
4) Vinyl Chloride	1.40	62	2787	2.38	ug/l	90
5) Bromomethane	1.64	94	2643	2.45	ug/l	94
6) Chloroethane	1.73	64	1912	2.56	ug/l	99
7) Trichlorofluoromethane	1.93	101	4577	2.26	ug/l	96
8) Diethyl Ether	2.20	74	1670	2.36	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2543	2.30	ug/l	98
10) 1,1-Dichloroethene	2.38	96	2438	2.31	ug/l	85
11) Methyl Iodide	2.51	142	1809	1.76	ug/l	94
12) Methyl Acetate	2.79	43	4253	2.26	ug/l	93
13) Acrolein	2.30	56	2636	11.62	ug/l	97
14) Acrylonitrile	3.16	53	8656	10.59	ug/l	98
15) Acetone	2.45	58	2717	10.20	ug/l	84
16) Carbon Disulfide	2.57	76	6959	2.31	ug/l	100
17) Allyl chloride	2.73	41	4127	2.29	ug/l	98
18) Methylene Chloride	2.87	84	2962	2.58	ug/l #	82
19) trans-1,2-Dichloroethene	3.17	96	2821	2.46	ug/l	95
20) Diisopropyl ether	3.89	45	5894	2.07	ug/l #	95
21) 1,1-Dichloroethane	3.70	63	3576	1.91	ug/l #	87
22) cis-1,2-Dichloroethene	4.60	96	2330	2.18	ug/l	95
23) tert-Butyl Alcohol	3.09	59	4465	9.56	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	8151	2.24	ug/l	99
25) Chloroform	5.23	83	3933	2.12	ug/l	100
26) Cyclohexane	5.59	56	1344	0.92	ug/l #	1
29) 1,1-Dichloropropene	5.80	75	1496	1.09	ug/l	69
30) 2-Butanone	4.73	43	10592	10.04	ug/l #	95
31) 2,2-Dichloropropane	4.59	77	1967	1.33	ug/l #	69
32) 1,1,1-Trichloroethane	5.51	97	3638	2.19	ug/l #	89
33) Carbon Tetrachloride	5.79	117	1869	1.27	ug/l #	86
34) Benzene	6.15	78	8346	2.12	ug/l #	91
35) Methacrylonitrile	5.08	41	1073	1.10	ug/l	87
36) 1,2-Dichloroethane	6.21	62	3365	2.25	ug/l #	95
37) Trichloroethene	7.22	130	2416	2.07	ug/l	94
38) Methylcyclohexane	7.47	83	3301	2.01	ug/l	95
39) 1,2-Dichloropropane	7.52	63	2143	2.18	ug/l	97
40) Dibromomethane	7.68	93	1638	2.16	ug/l	98

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Quant Time: Feb 21 06:18:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	2806	1.95	ug/l	95
42) Vinyl Acetate	3.84	43	23371	8.69	ug/l	99
43) Ethyl Acetate	4.88	43	3925	2.12	ug/l #	89
44) Isopropyl Acetate	6.48	43	5651	2.08	ug/l	96
45) 1,4-Dioxane	7.78	88	1281	37.46	ug/l	97
46) Methyl methacrylate	7.79	41	2741	2.07	ug/l	93
47) n-amyl Acetate	10.91	43	4495	1.89	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	3260	1.94	ug/l #	87
49) cis-1,3-Dichloropropene	9.06	75	3139	1.92	ug/l	92
50) 1,1,2-Trichloroethane	9.23	97	2248	2.02	ug/l #	85
51) Ethyl methacrylate	9.19	69	3097	1.81	ug/l	92
52) 1,3-Dichloropropane	9.38	76	3713	2.08	ug/l	93
53) Dibromochloromethane	9.59	129	2204	1.78	ug/l	90
54) 1,2-Dibromoethane	9.68	107	2374	1.91	ug/l	92
55) 2-Chloroethyl vinyl ether	8.32	63	8404	11.28	ug/l	96
56) Bromoform	10.87	173	1511	1.51	ug/l #	95
58) 4-Methyl-2-Pentanone	8.66	43	18991	9.90	ug/l	99
59) 2-Hexanone	9.51	43	15365	9.46	ug/l	98
61) Tetrachloroethene	9.34	164	2264	2.13	ug/l	91
62) Toluene	8.79	91	9749	2.14	ug/l	97
64) Chlorobenzene	10.15	112	6870	2.23	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.23	131	2179	2.00	ug/l	96
66) Ethyl Benzene	10.26	91	11137	2.14	ug/l	96
67) m/p-Xylenes	10.37	106	8125	3.99	ug/l	100
68) o-Xylene	10.71	106	4224	2.13	ug/l	98
69) Styrene	10.72	104	6476	1.97	ug/l	99
70) Isopropylbenzene	11.02	105	10688	2.00	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.28	83	3668	1.99	ug/l	97
72) 1,2,3-Trichloropropane	11.30	75	4234	2.56	ug/l	88
73) Bromobenzene	11.27	156	3014	2.15	ug/l	96
74) n-propylbenzene	11.37	91	13003	2.07	ug/l	96
75) 2-Chlorotoluene	11.43	91	7409	2.05	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	9031	1.99	ug/l	67
77) t-1,4-Dichloro-2-butene	11.09	75	1011	1.73	ug/l	90
78) 4-Chlorotoluene	11.52	91	8781	2.03	ug/l	99
79) tert-butylbenzene	12.07	119	9705	2.15	ug/l	97
80) 1,2,4-Trimethylbenzene	11.82	105	9032	1.95	ug/l	93
81) sec-Butylbenzene	11.96	105	11378	2.04	ug/l	96
82) p-Isopropyltoluene	12.07	119	9705	1.95	ug/l	98
83) 1,3-Dichlorobenzene	12.04	146	5243	1.96	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	5622	2.02	ug/l	99
85) n-Butylbenzene	12.40	91	9067	1.94	ug/l	98
86) Hexachloroethane	12.60	117	1417	1.70	ug/l	91
87) 1,2-Dichlorobenzene	12.40	146	5228	1.97	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	1067	2.07	ug/l #	74
89) 1,2,4-Trichlorobenzene	13.66	180	3950	2.03	ug/l	98
90) Hexachlorobutadiene	13.79	225	1578	1.88	ug/l	98
91) Naphthalene	13.84	128	12799	1.88	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	3490	1.79	ug/l	94

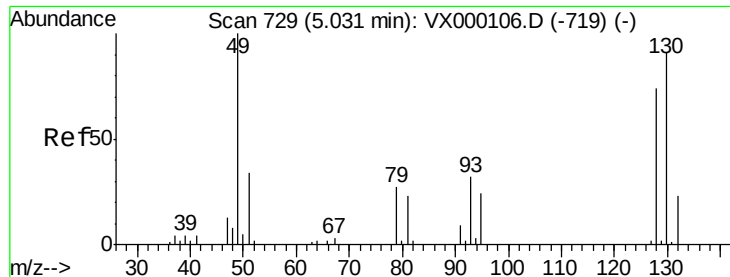
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022018\
Data File : VX000114.D
Acq On : 20 Feb 2018 18:21
Operator : JC/MD
Sample : MDL01 2PPB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

MDL01 2PPB

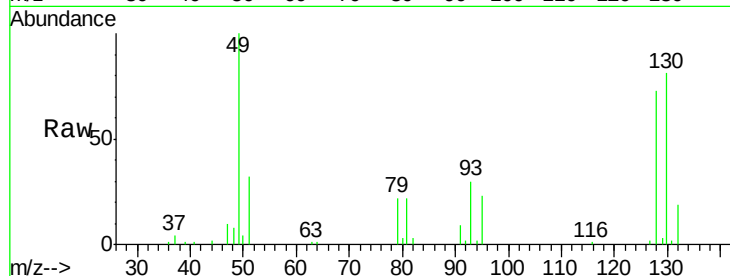
Tgt Ion:128 Resp: 15792

Ion Ratio Lower Upper

128 100

49 150.8 0.0 378.3

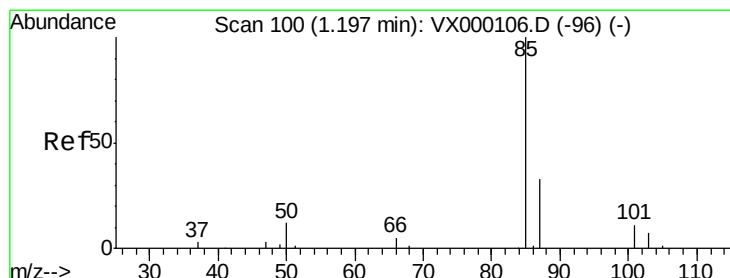
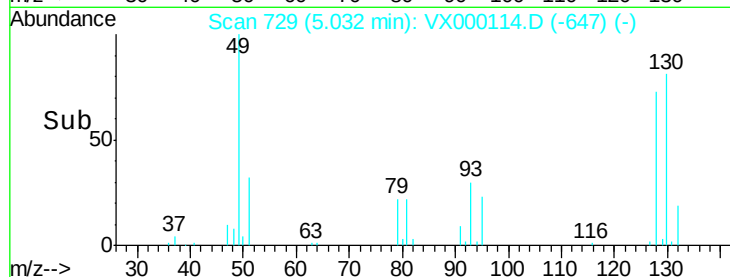
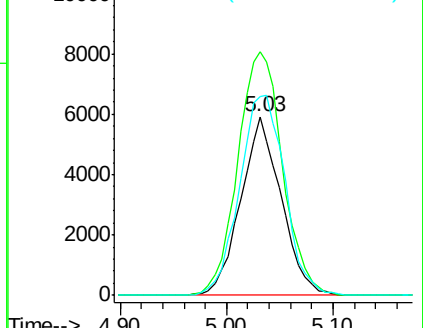
130 125.4 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 2.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000114.D

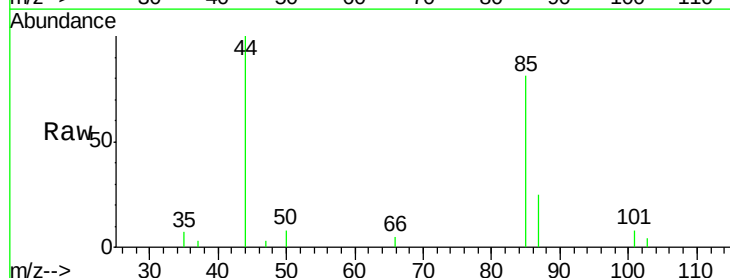
Acq: 20 Feb 2018 18:21

Tgt Ion: 85 Resp: 2150

Ion Ratio Lower Upper

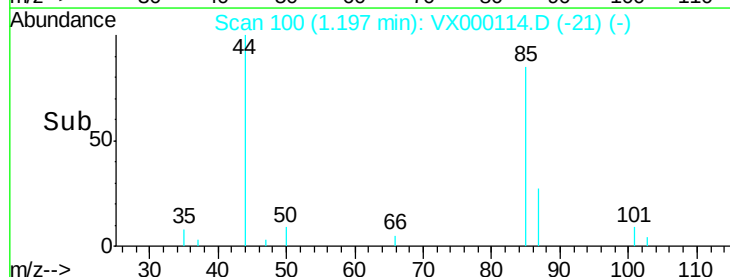
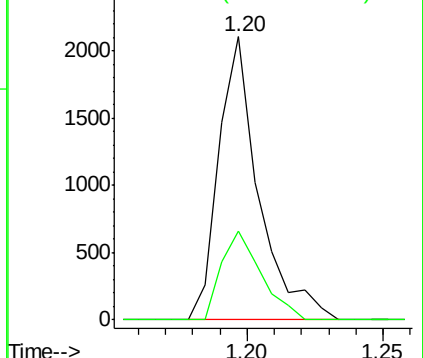
85 100

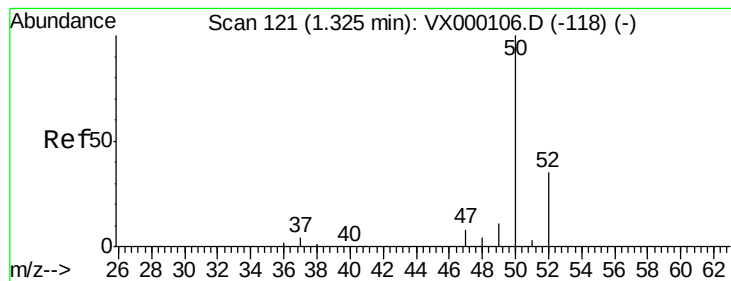
87 31.4 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 2.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

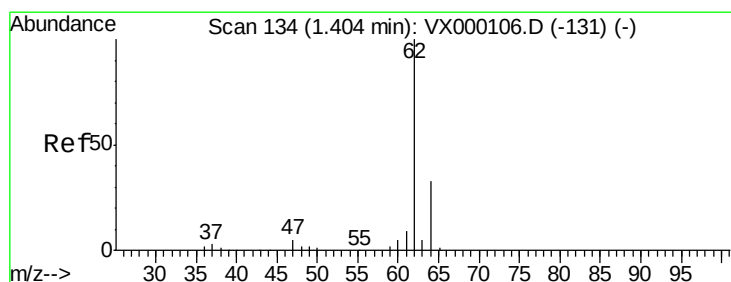
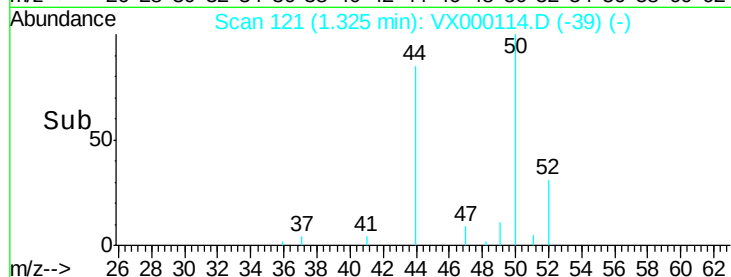
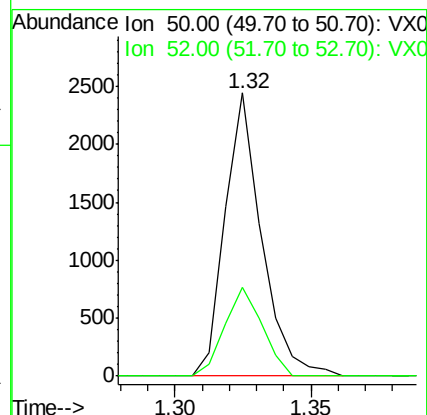
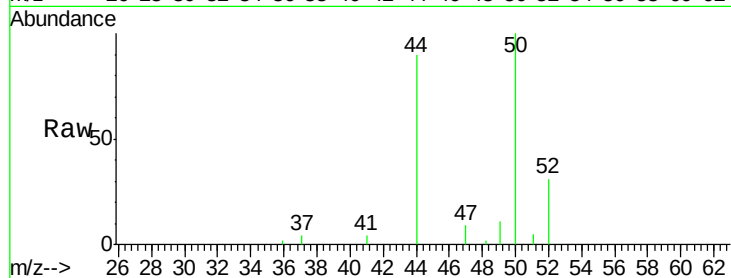
MDL01 2PPB

Tgt Ion: 50 Resp: 2284

Ion Ratio Lower Upper

50 100

52 31.2 27.8 41.6



#4

Vinyl Chloride

Concen: 2.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000114.D

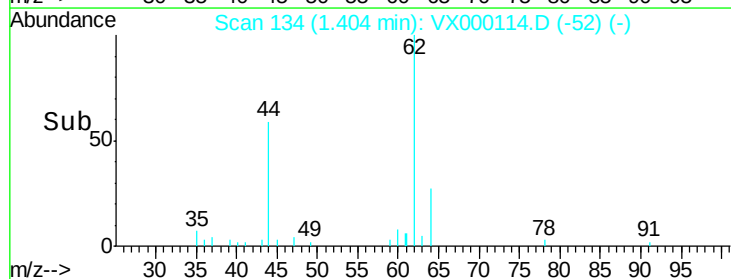
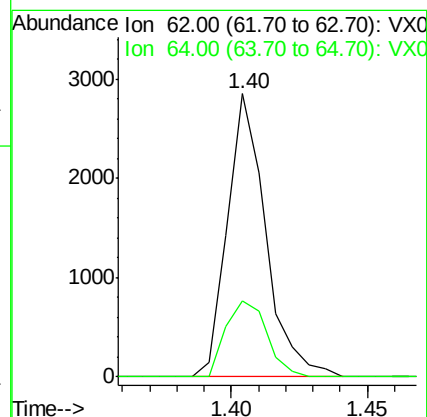
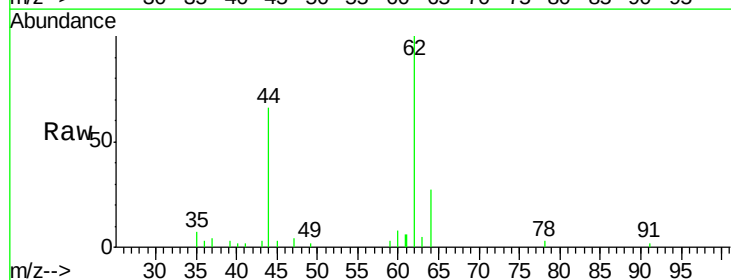
Acq: 20 Feb 2018 18:21

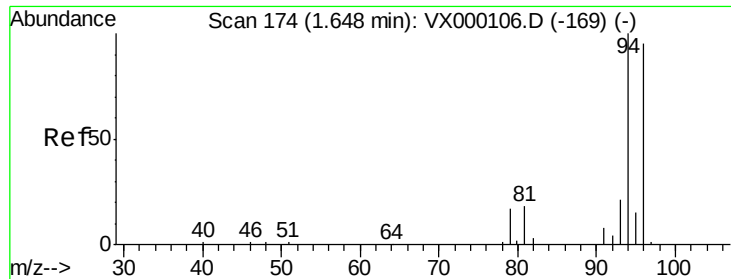
Tgt Ion: 62 Resp: 2787

Ion Ratio Lower Upper

62 100

64 26.9 26.0 39.0

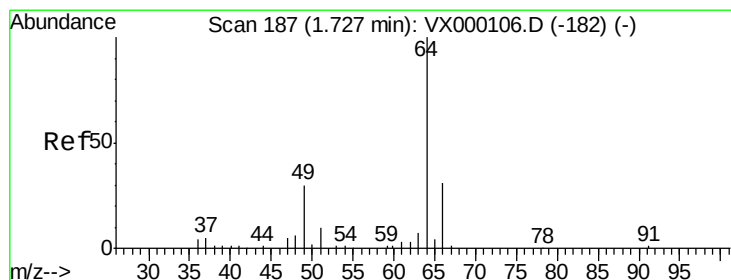
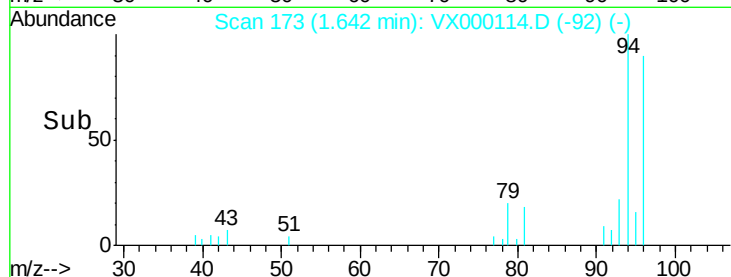
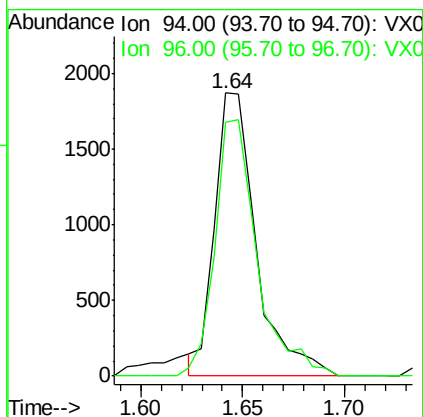
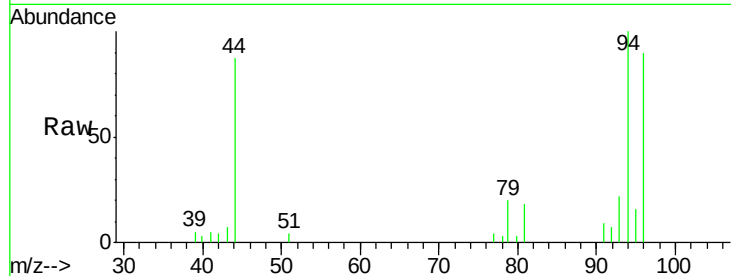




#5
Bromomethane
Concen: 2.45 ug/l
RT: 1.64 min Scan# 173
Delta R.T. -0.01 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

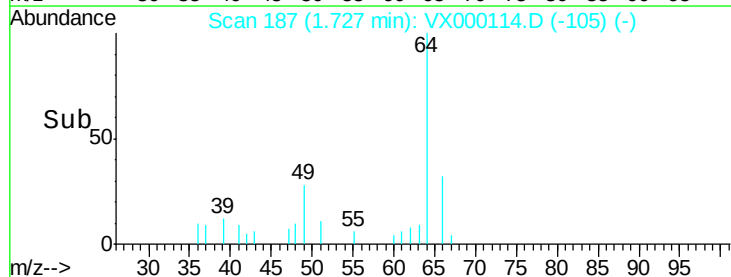
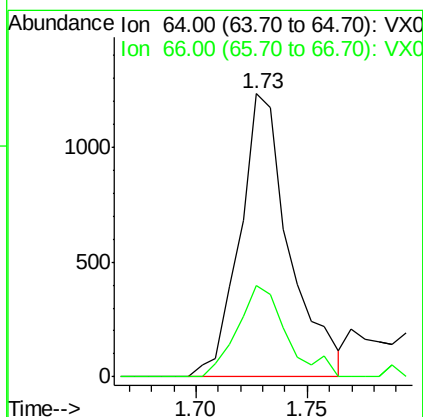
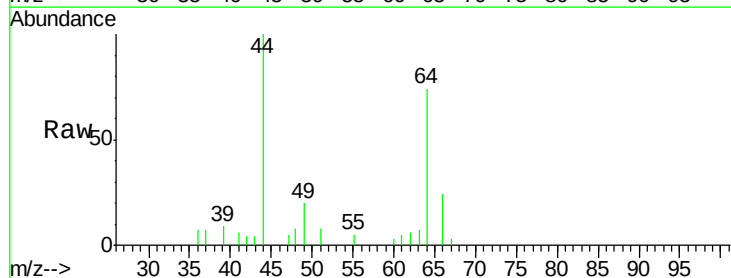
Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

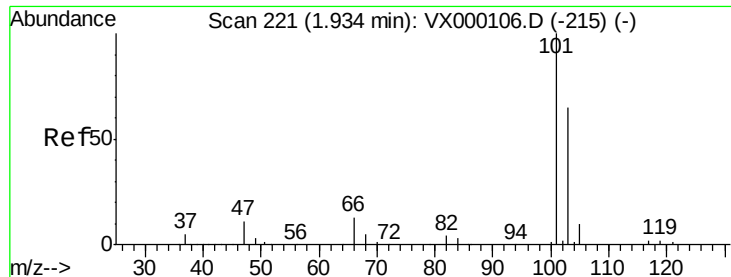
Tgt Ion: 94 Resp: 2643
Ion Ratio Lower Upper
94 100
96 89.6 76.2 114.2



#6
Chloroethane
Concen: 2.56 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 64 Resp: 1912
Ion Ratio Lower Upper
64 100
66 32.1 25.2 37.8



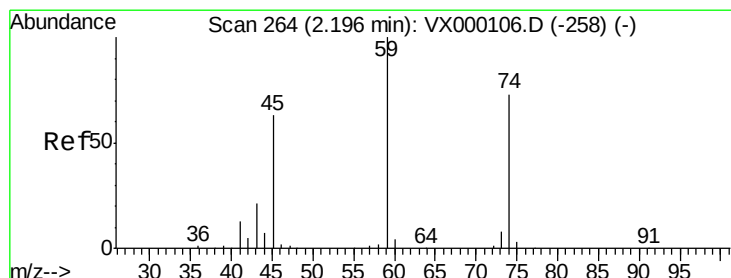
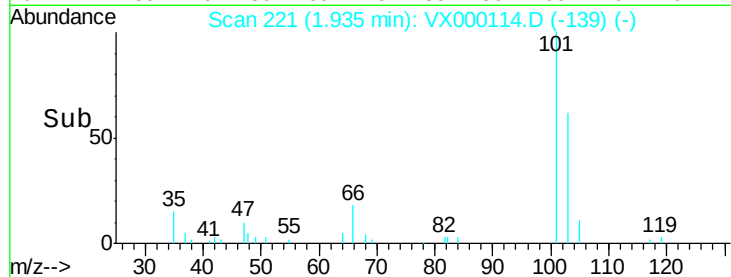
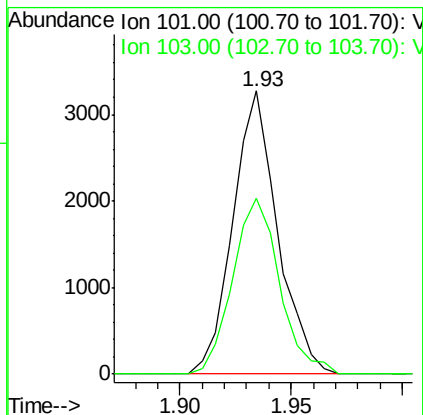
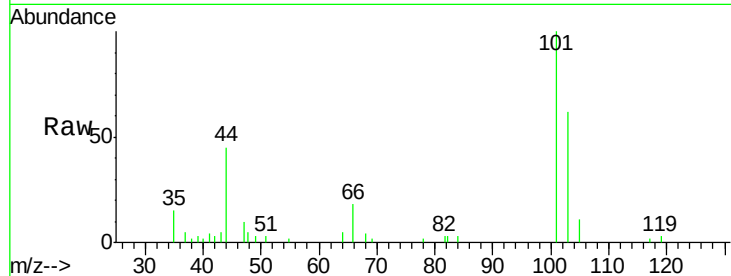


#7

Trichlorofluoromethane
 Concen: 2.26 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

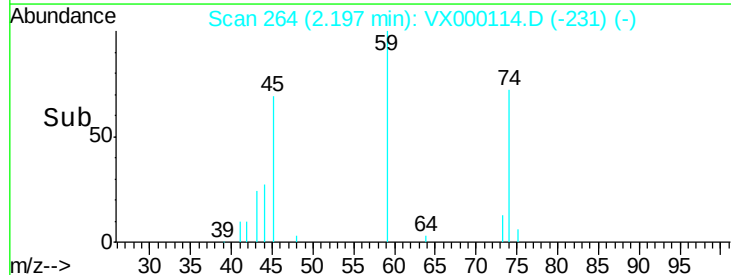
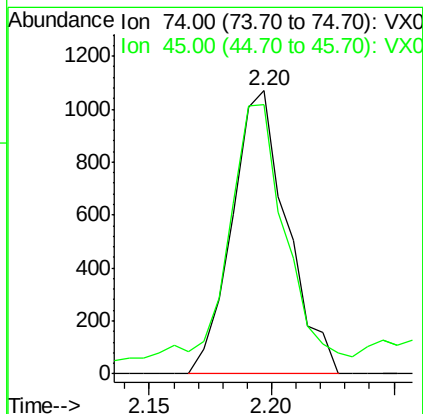
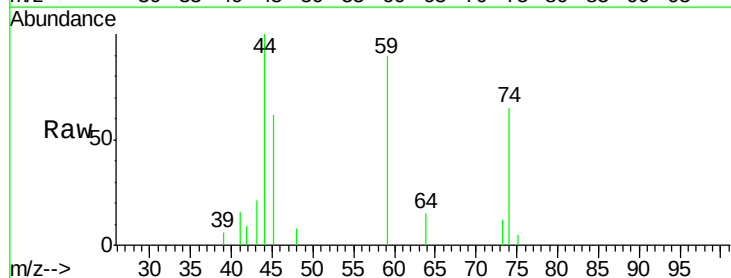
Tgt Ion:101 Resp: 4577
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.2 78.4

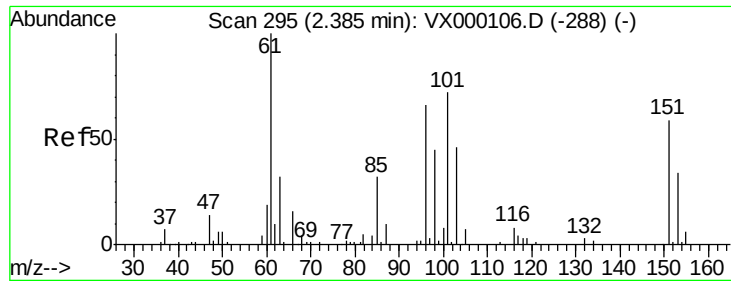


#8

Diethyl Ether
 Concen: 2.36 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion: 74 Resp: 1670
 Ion Ratio Lower Upper
 74 100
 45 84.0 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.30 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

MDL01 2PPB

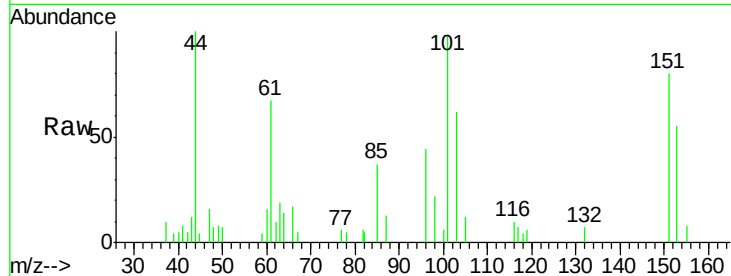
Tgt Ion:101 Resp: 2543

Ion Ratio Lower Upper

101 100

85 47.2 0.0 90.4

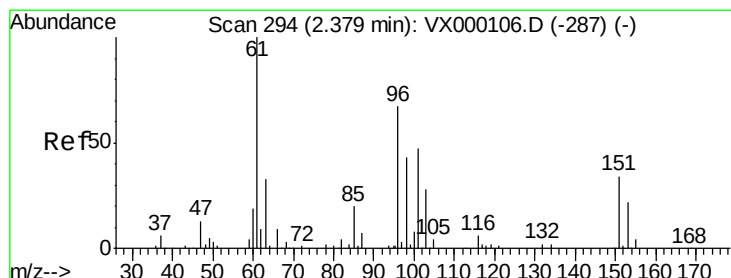
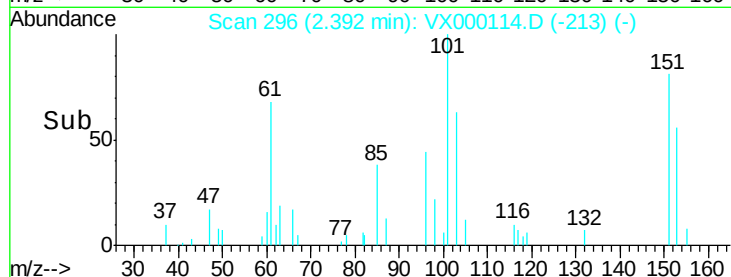
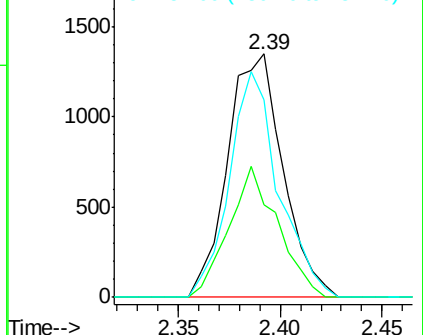
151 82.7 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 2.31 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

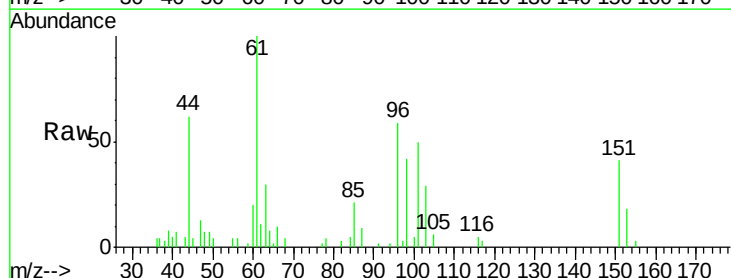
Tgt Ion: 96 Resp: 2438

Ion Ratio Lower Upper

96 100

61 170.0 118.6 178.0

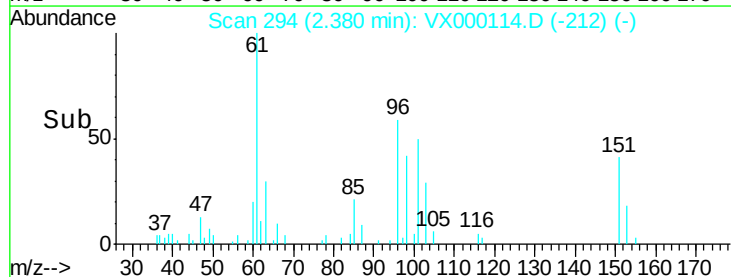
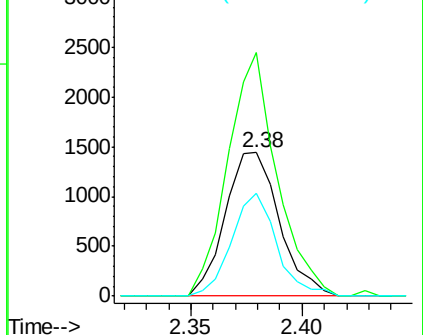
98 72.1 51.0 76.6

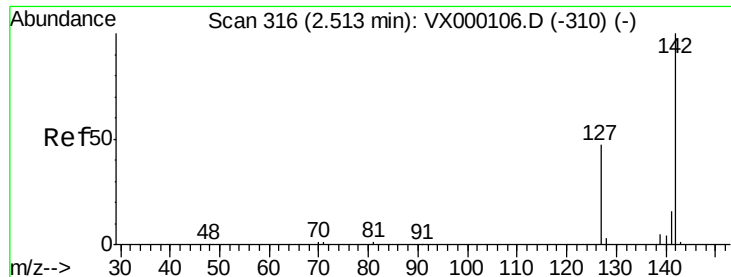


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

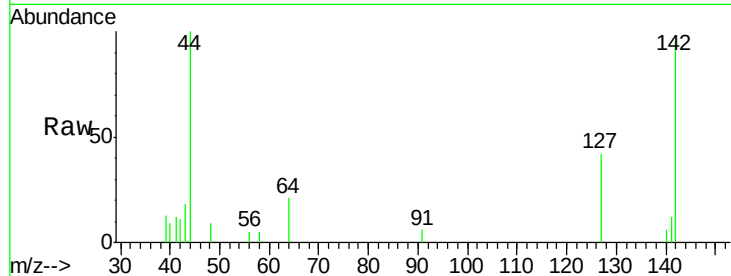




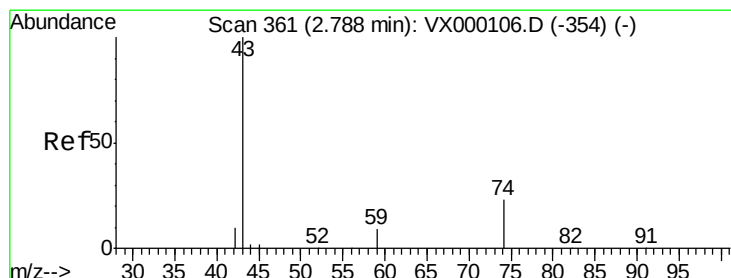
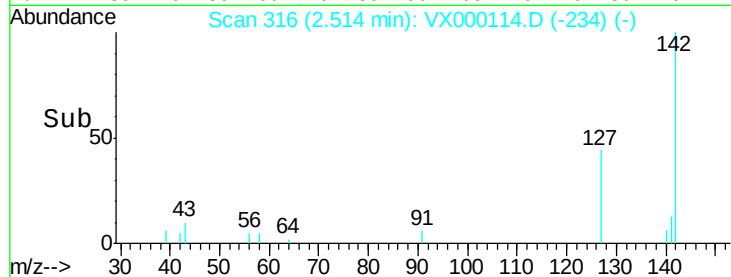
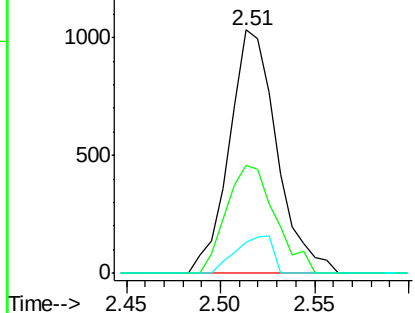
#11
Methyl Iodide
Concen: 1.76 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

Tgt Ion: 142 Resp: 1809
Ion Ratio Lower Upper
142 100
127 44.4 23.8 71.5
141 13.0 8.2 24.4

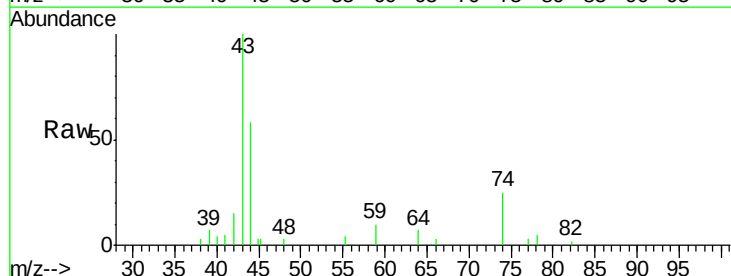


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

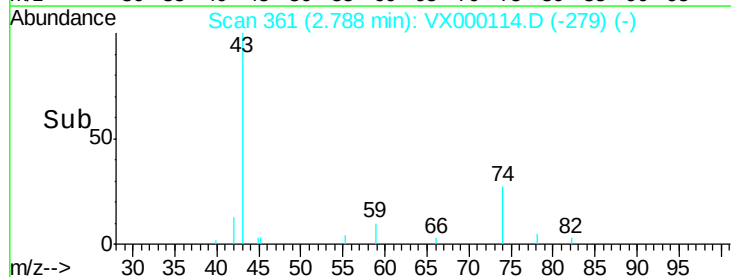
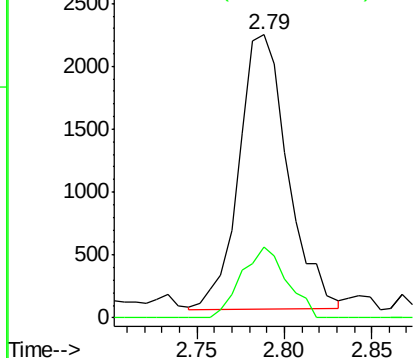


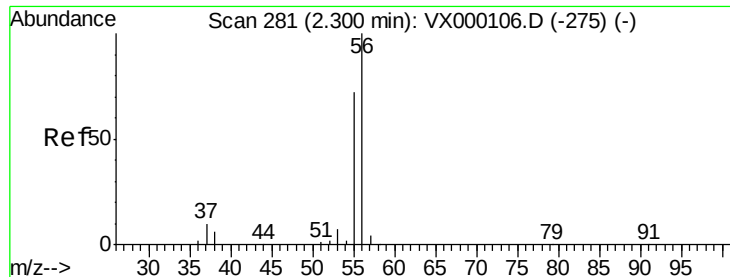
#12
Methyl Acetate
Concen: 2.26 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 43 Resp: 4253
Ion Ratio Lower Upper
43 100
74 26.5 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 11.62 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

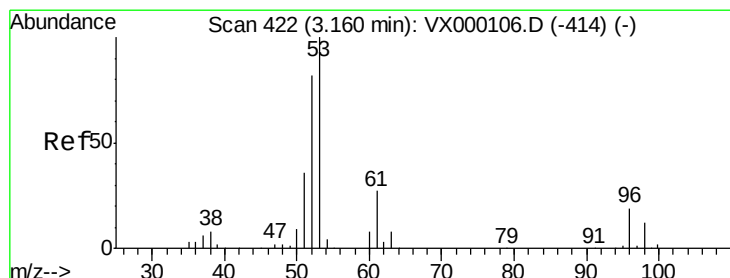
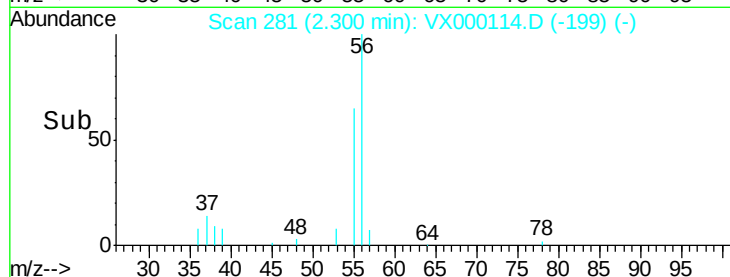
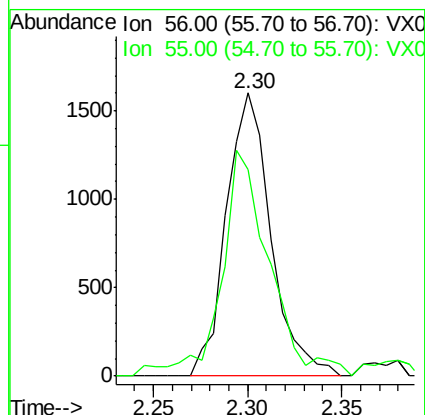
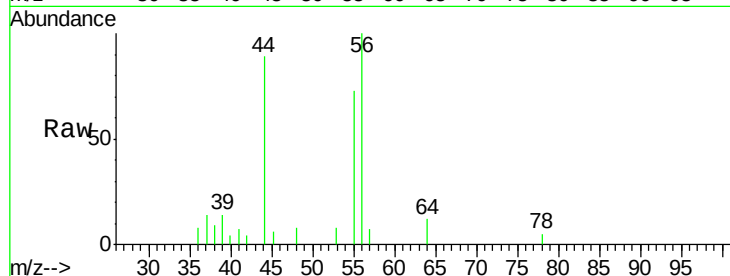
MDL01 2PPB

Tgt Ion: 56 Resp: 2636

Ion Ratio Lower Upper

56 100

55 74.5 57.3 85.9



#14

Acrylonitrile

Concen: 10.59 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

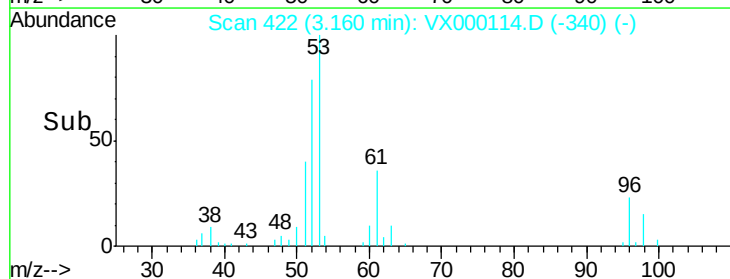
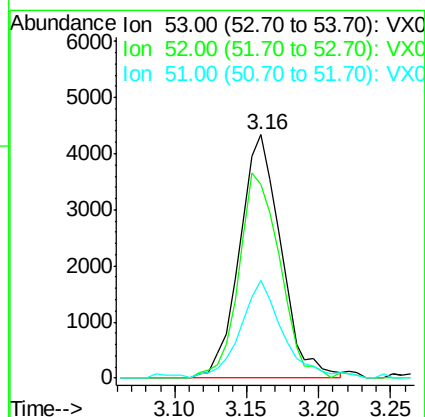
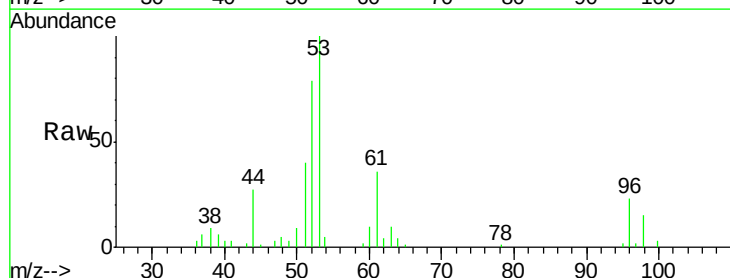
Tgt Ion: 53 Resp: 8656

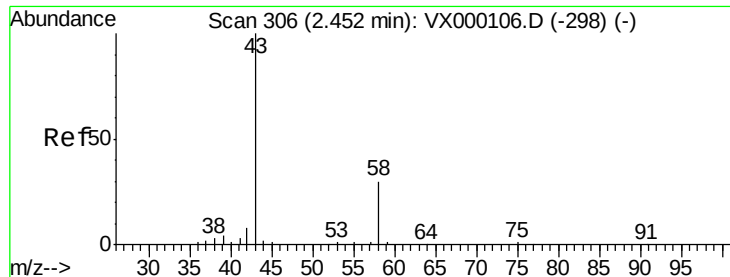
Ion Ratio Lower Upper

53 100

52 83.0 41.9 125.8

51 40.1 18.8 56.3





#15

Acetone

Concen: 10.20 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

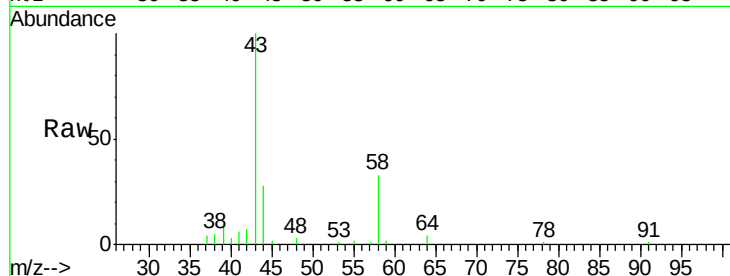
MDL01 2PPB

Tgt Ion: 58 Resp: 2717

Ion Ratio Lower Upper

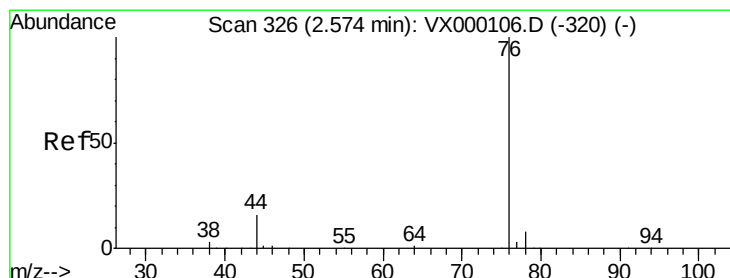
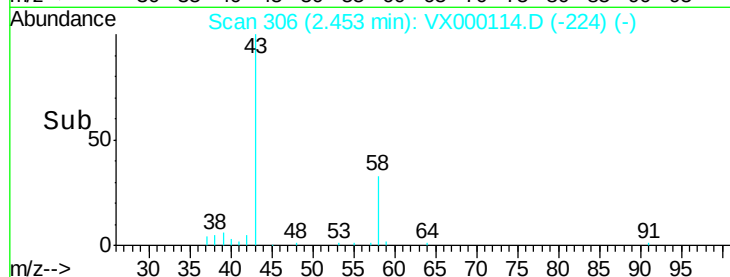
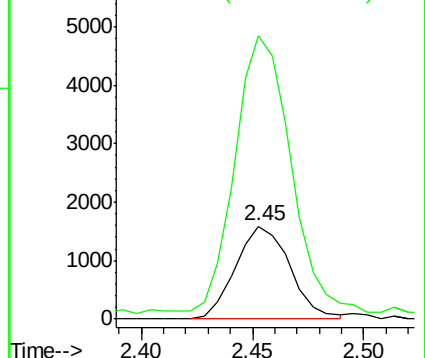
58 100

43 296.3 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 2.31 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000114.D

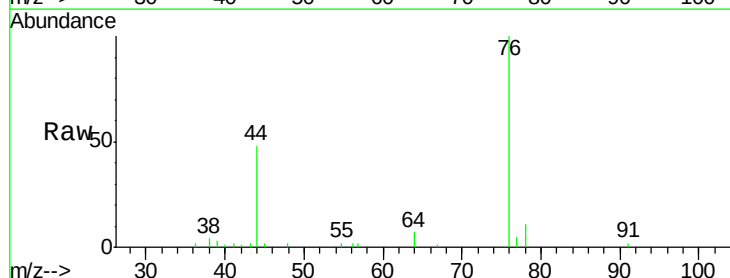
Acq: 20 Feb 2018 18:21

Tgt Ion: 76 Resp: 6959

Ion Ratio Lower Upper

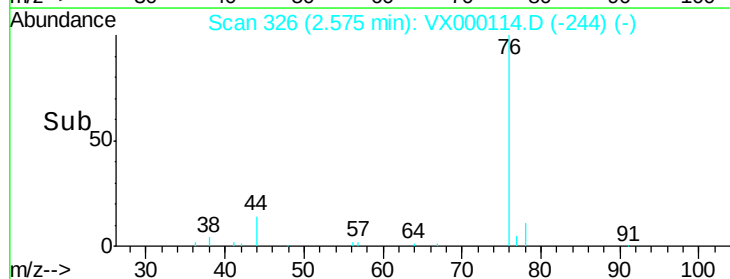
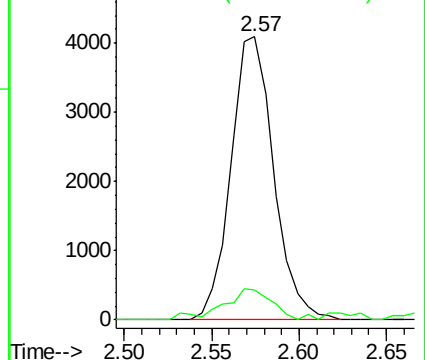
76 100

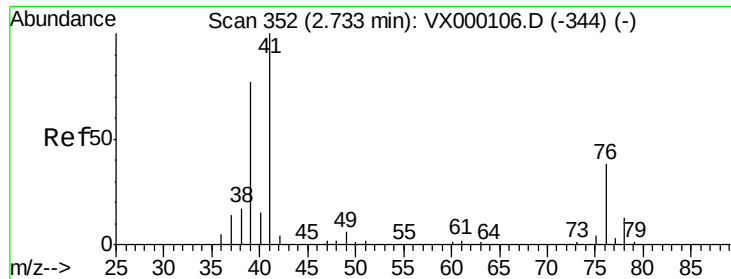
78 8.5 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

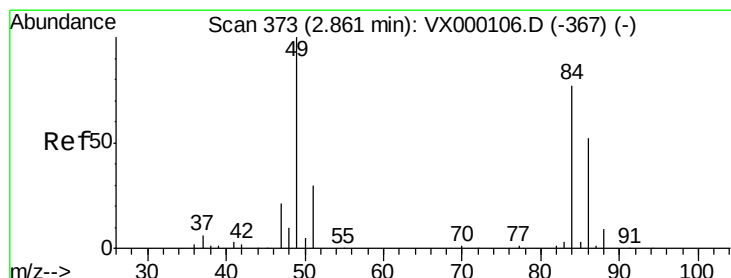
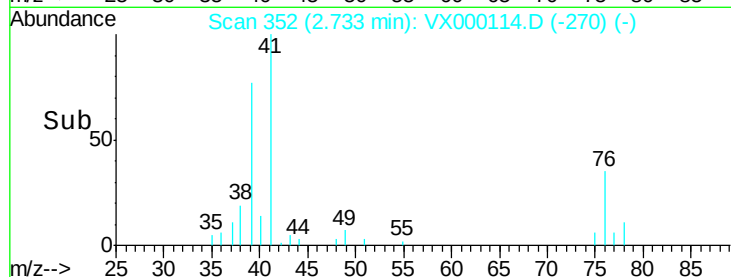
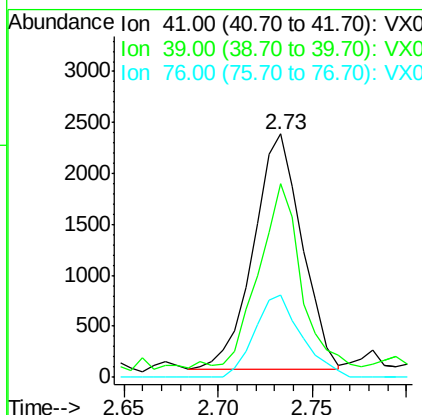
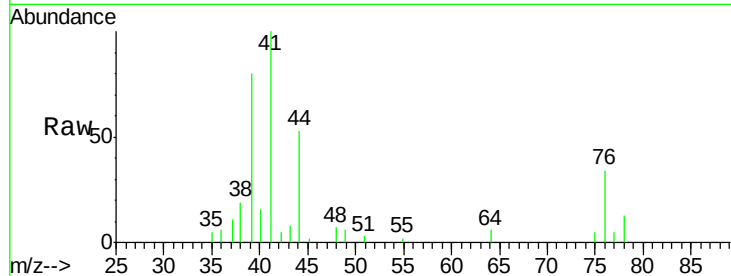




#17
 Allyl chloride
 Concen: 2.29 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

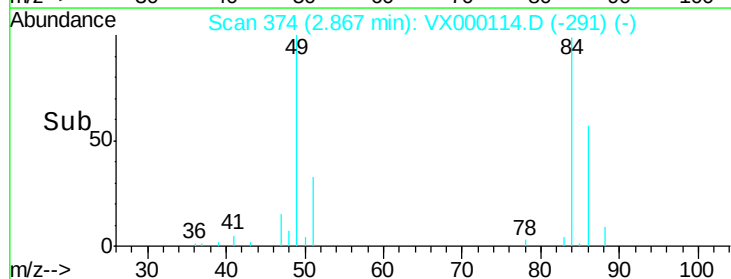
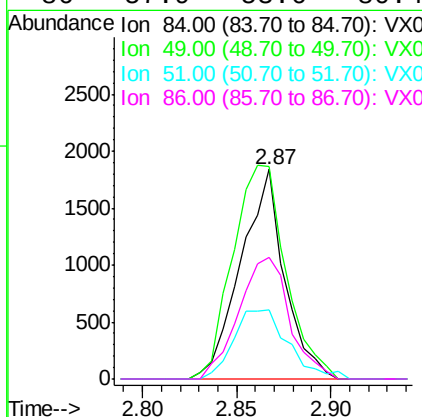
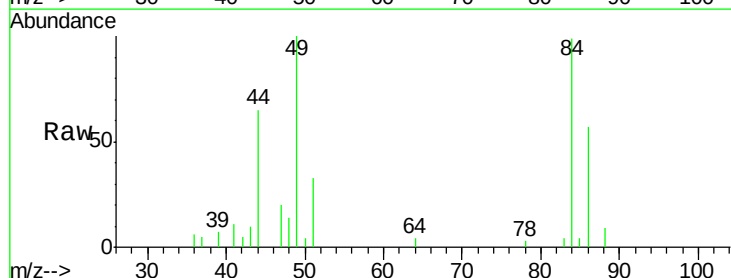
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

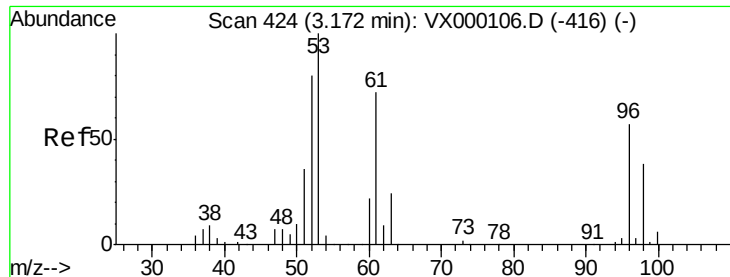
Tgt Ion: 41 Resp: 4127
 Ion Ratio Lower Upper
 41 100
 39 78.0 38.5 115.5
 76 35.0 18.7 56.1



#18
 Methylene Chloride
 Concen: 2.58 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion: 84 Resp: 2962
 Ion Ratio Lower Upper
 84 100
 49 101.4 103.3 154.9#
 51 33.1 31.2 46.8
 86 57.9 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 2.46 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

MDL01 2PPB

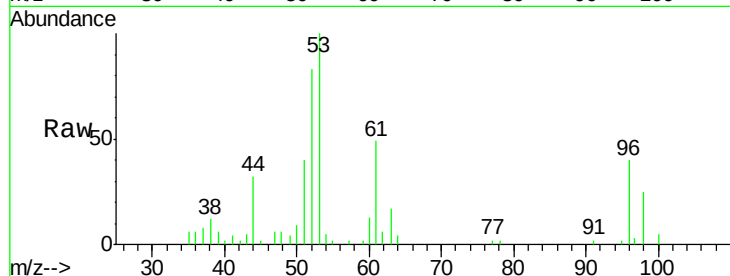
Tgt Ion: 96 Resp: 2821

Ion Ratio Lower Upper

96 100

61 121.8 101.0 151.6

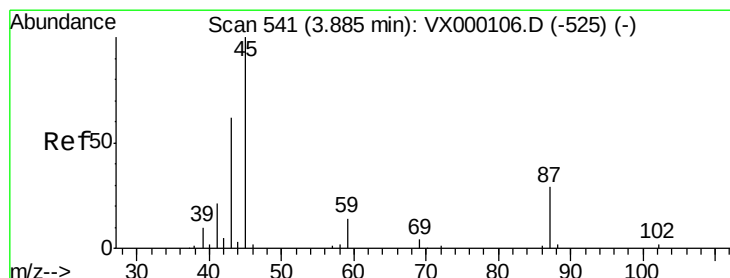
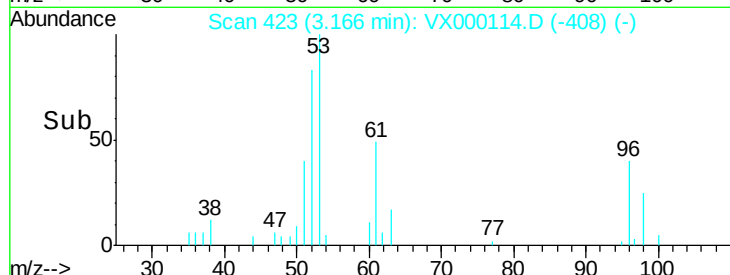
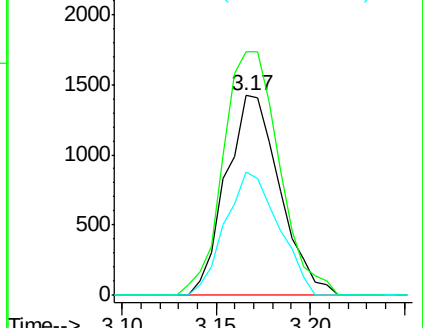
98 61.7 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 2.07 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion: 45 Resp: 5894

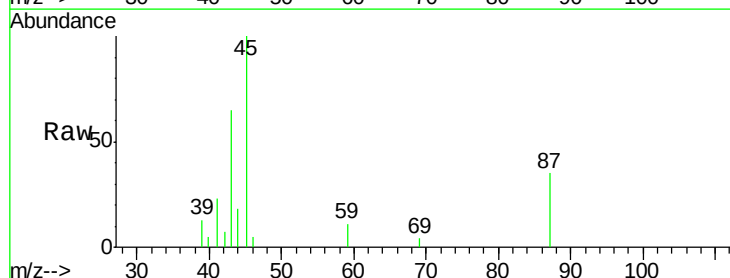
Ion Ratio Lower Upper

45 100

43 60.9 49.6 74.4

87 34.9 23.1 34.7#

59 10.9 10.8 16.2

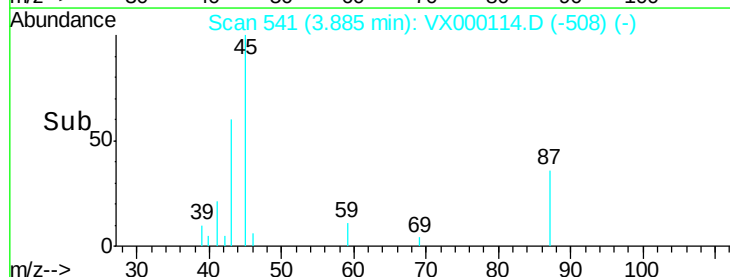
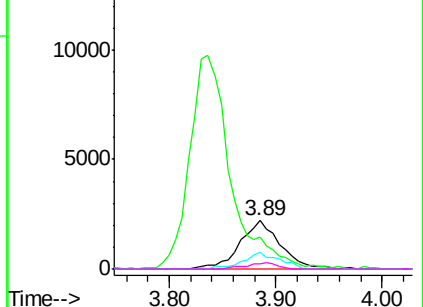


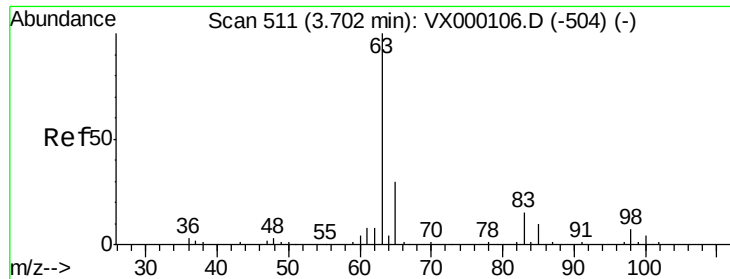
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

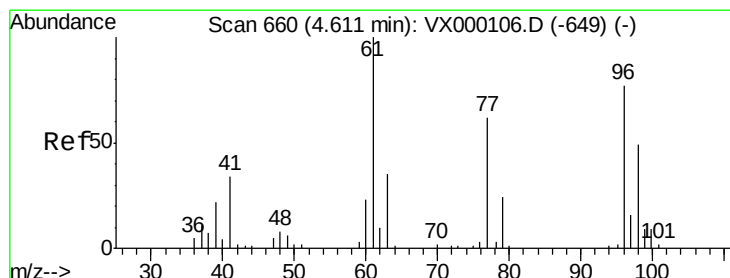
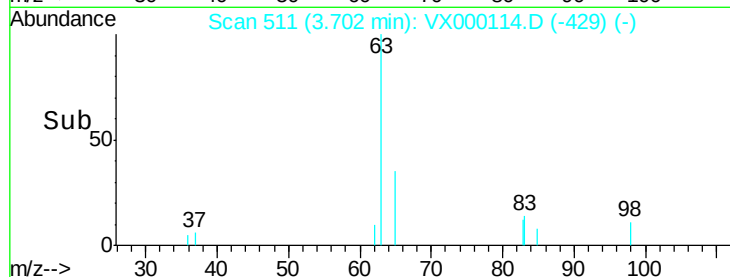
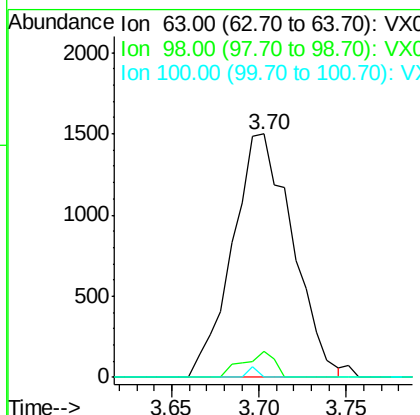
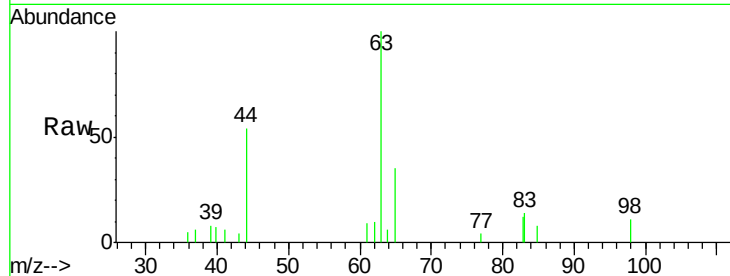




#21
1,1-Dichloroethane
Concen: 1.91 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

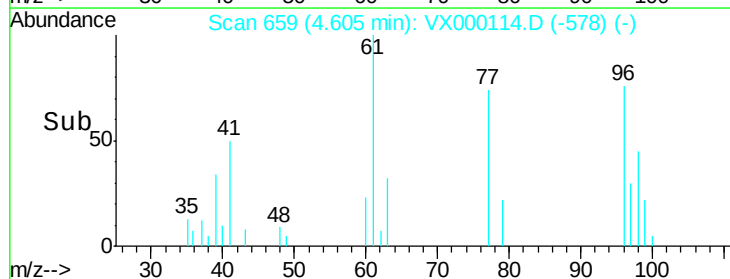
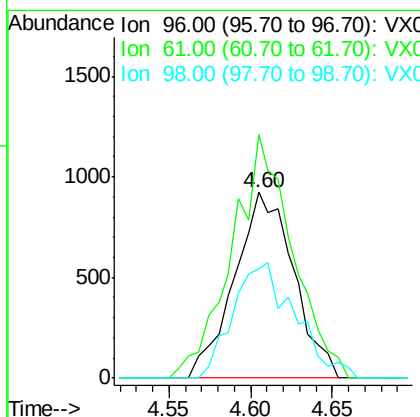
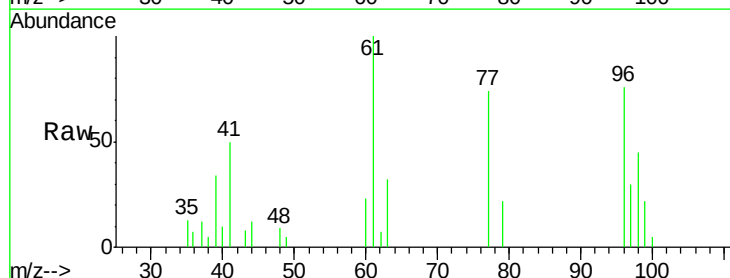
Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

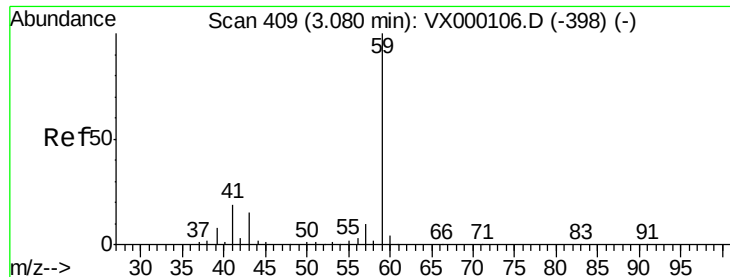
Tgt Ion: 63 Resp: 3576
Ion Ratio Lower Upper
63 100
98 10.9 3.3 9.9#
100 0.0 2.1 6.5#



#22
cis-1,2-Dichloroethene
Concen: 2.18 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 96 Resp: 2330
Ion Ratio Lower Upper
96 100
61 133.9 113.5 170.3
98 63.1 51.8 77.8



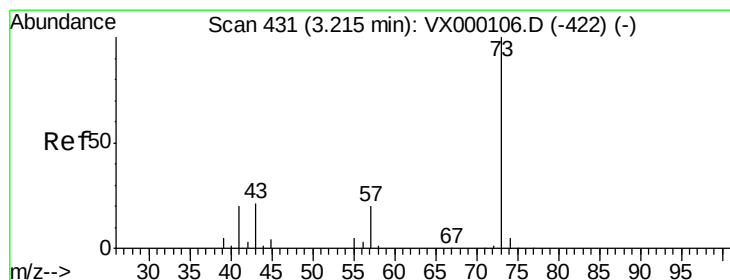
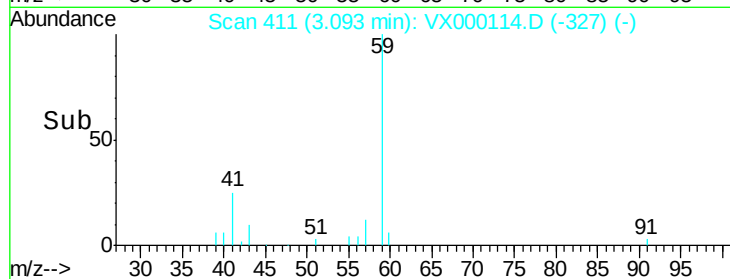
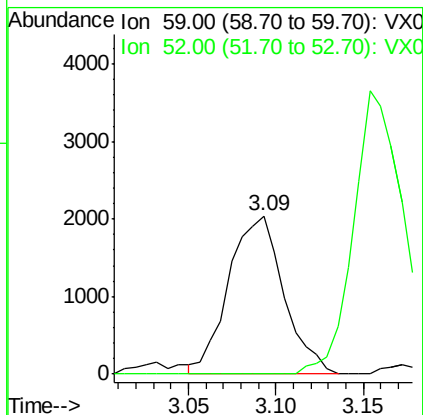
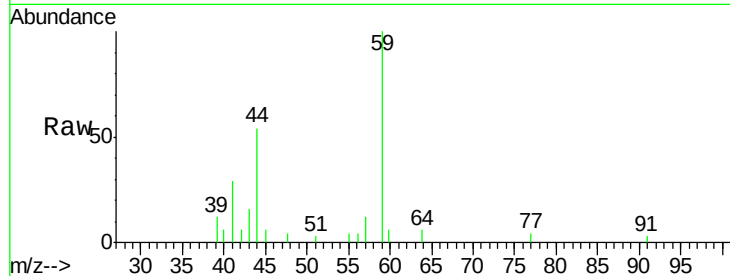


#23

tert-Butyl Alcohol
Concen: 9.56 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

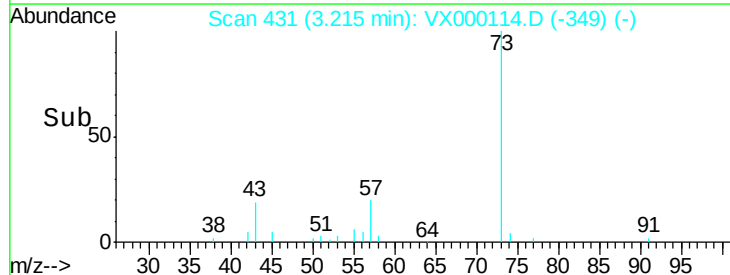
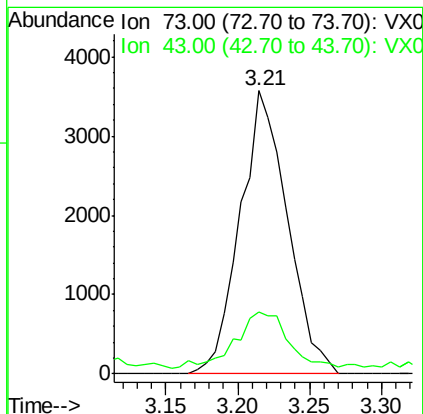
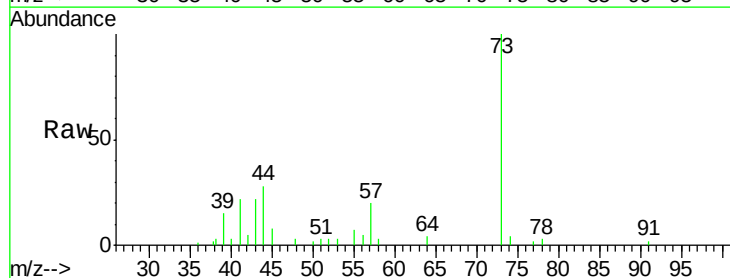
Tgt Ion: 59 Resp: 4465
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

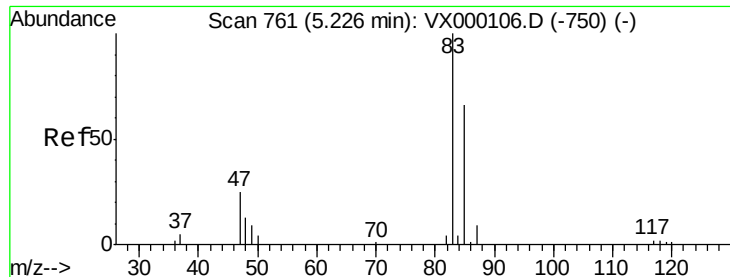


#24

Methyl tert-Butyl Ether
Concen: 2.24 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 73 Resp: 8151
Ion Ratio Lower Upper
73 100
43 20.2 16.5 24.7





#25

Chloroform

Concen: 2.12 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

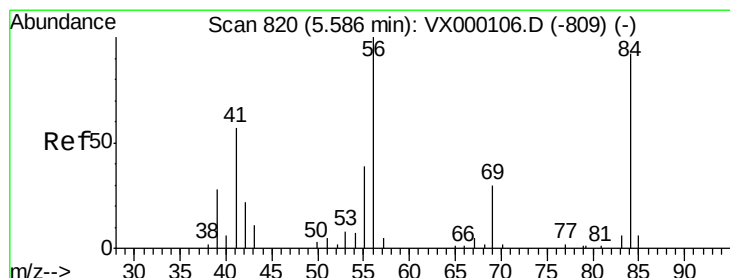
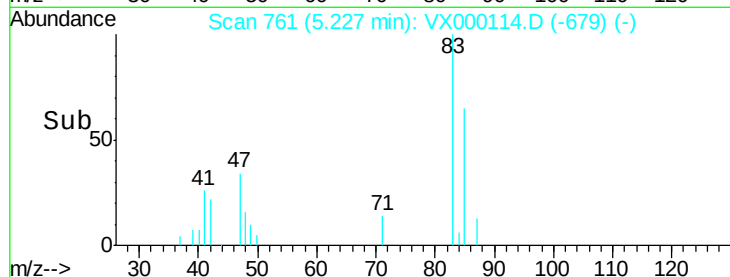
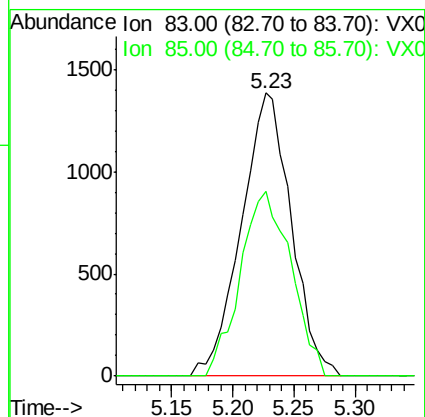
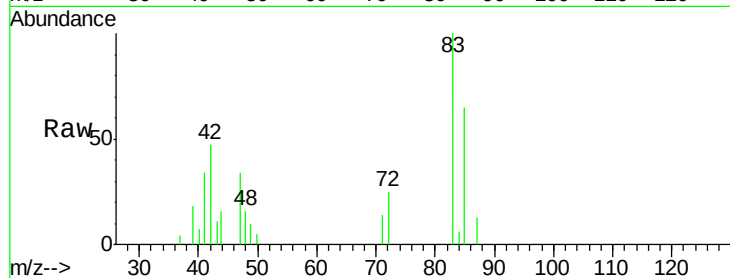
MDL01 2PPB

Tgt Ion: 83 Resp: 3933

Ion Ratio Lower Upper

83 100

85 65.5 52.5 78.7



#26

Cyclohexane

Concen: 0.92 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

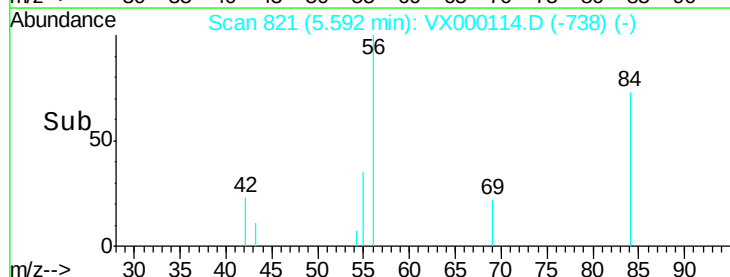
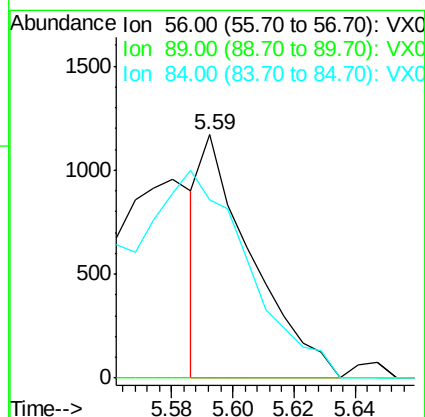
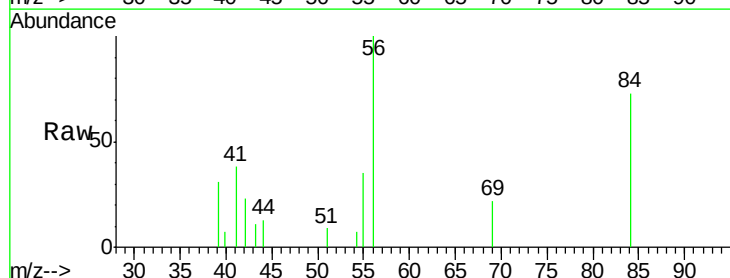
Tgt Ion: 56 Resp: 1344

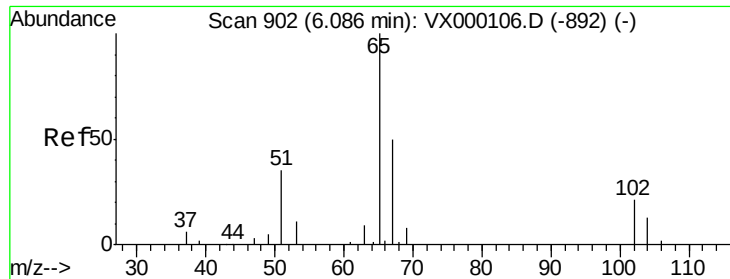
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 206.5 74.8 112.2#





#27

1,2-Dichloroethane-d4

Concen: 30.62 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

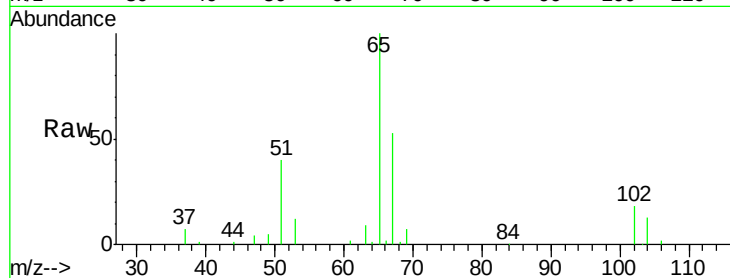
MDL01 2PPB

Tgt Ion: 65 Resp: 37427

Ion Ratio Lower Upper

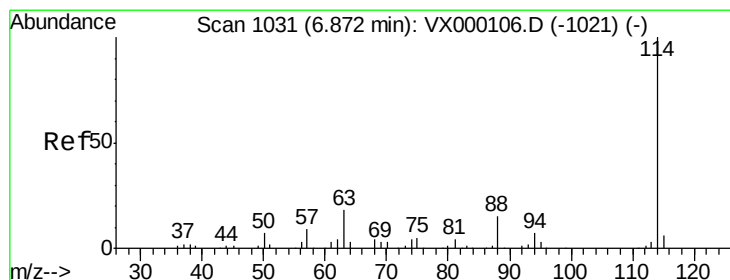
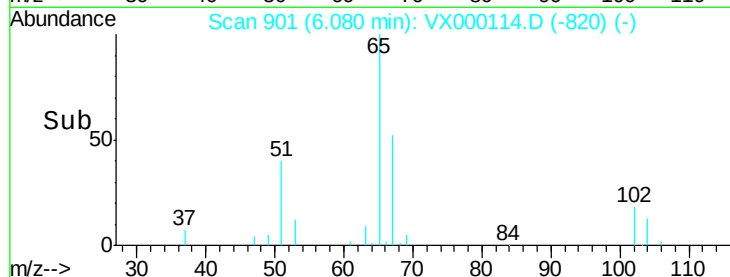
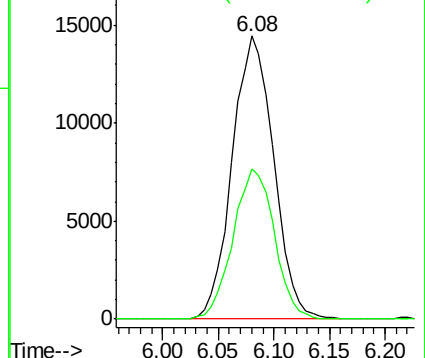
65 100

67 52.6 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

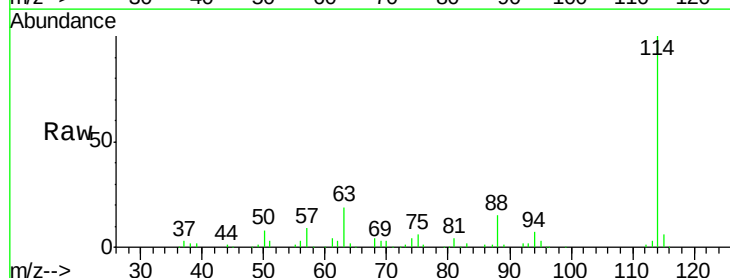
Tgt Ion: 114 Resp: 94131

Ion Ratio Lower Upper

114 100

63 19.3 15.0 22.4

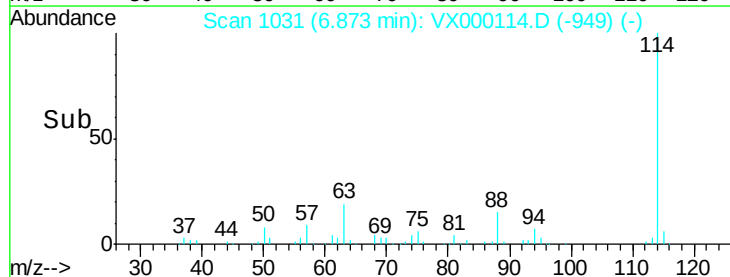
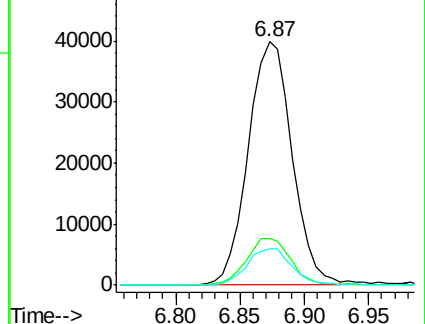
88 15.2 11.8 17.8

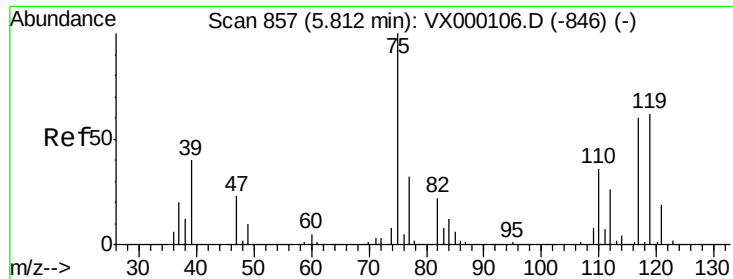


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

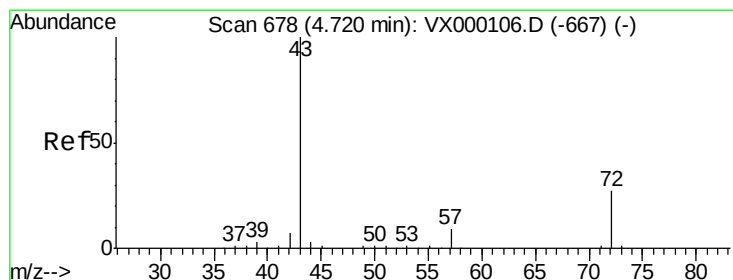
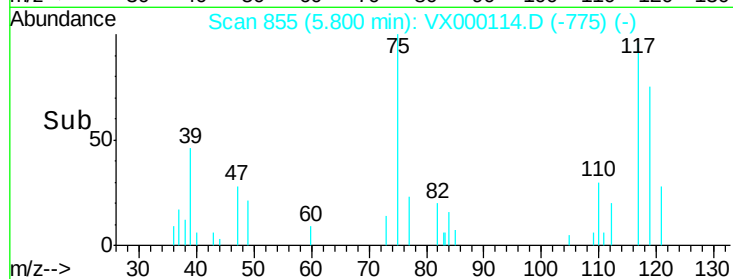
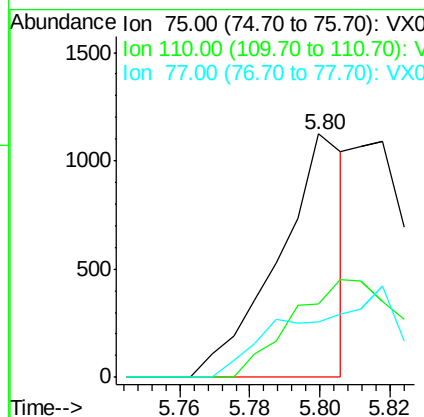
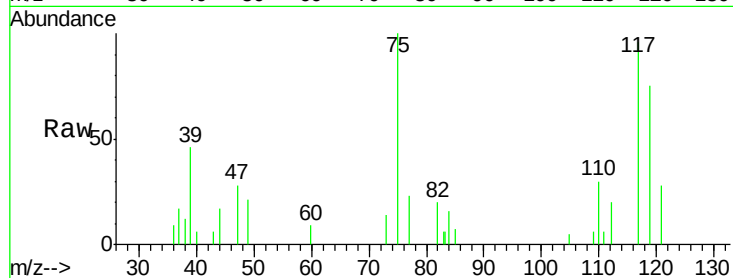




#29
 1,1-Dichloropropene
 Concen: 1.09 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

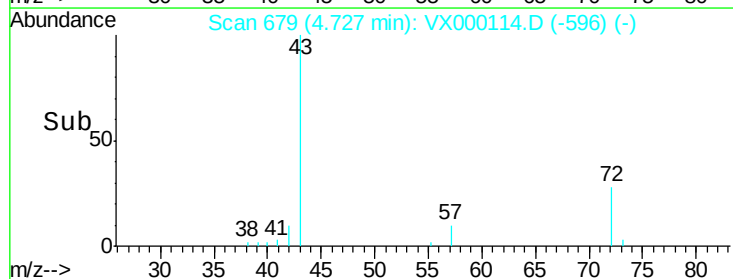
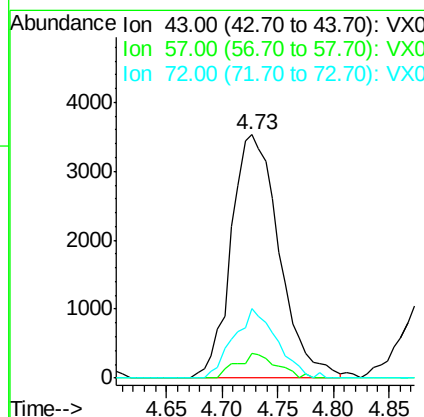
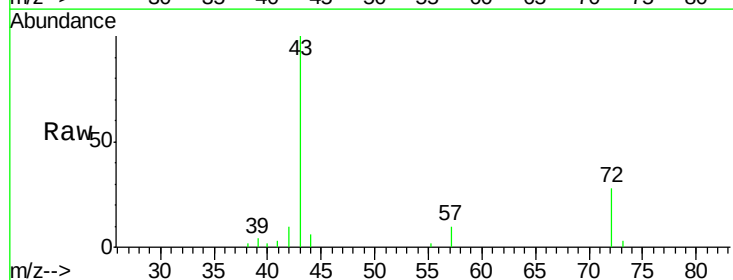
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01 2PPB

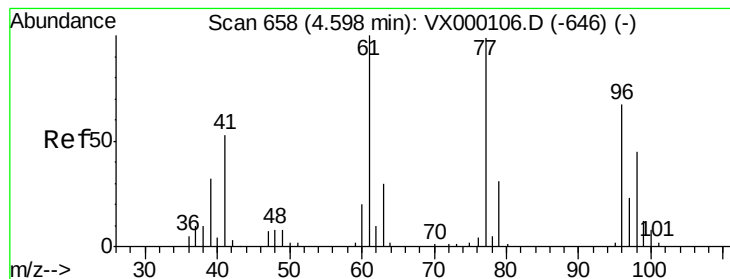
Tgt Ion: 75 Resp: 1496
 Ion Ratio Lower Upper
 75 100
 110 60.2 0.0 75.6
 77 18.4 0.0 62.6



#30
 2-Butanone
 Concen: 10.04 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion: 43 Resp: 10592
 Ion Ratio Lower Upper
 43 100
 57 5.5 6.6 10.0#
 72 25.3 21.8 32.6





#31

2,2-Dichloropropane

Concen: 1.33 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

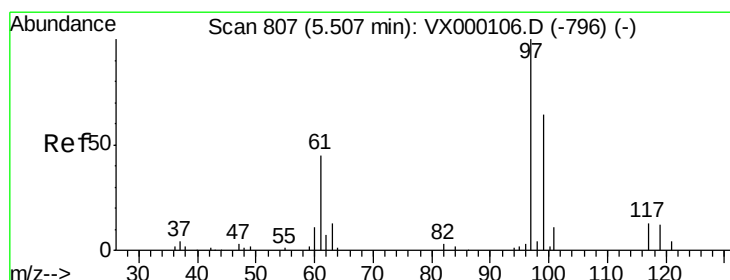
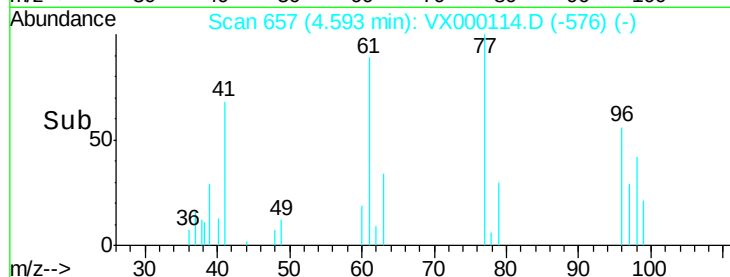
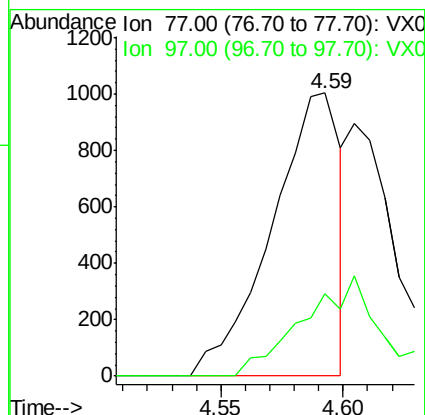
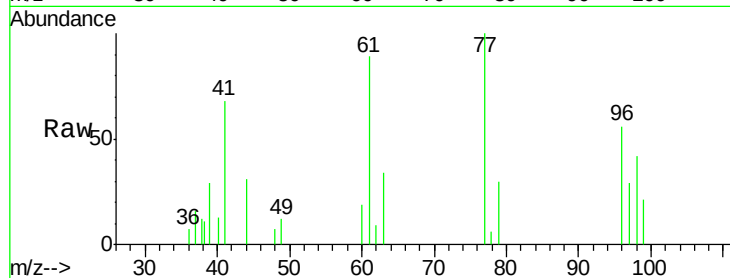
MDL01 2PPB

Tgt Ion: 77 Resp: 1967

Ion Ratio Lower Upper

77 100

97 38.2 18.6 27.8#



#32

1,1,1-Trichloroethane

Concen: 2.19 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

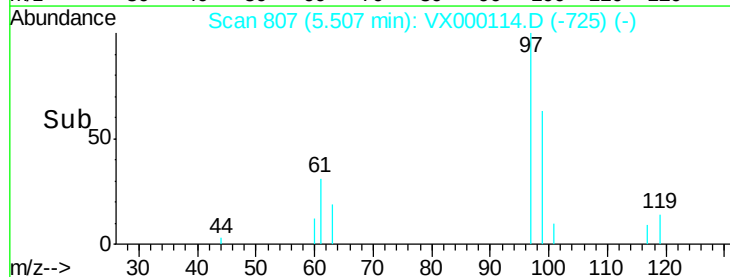
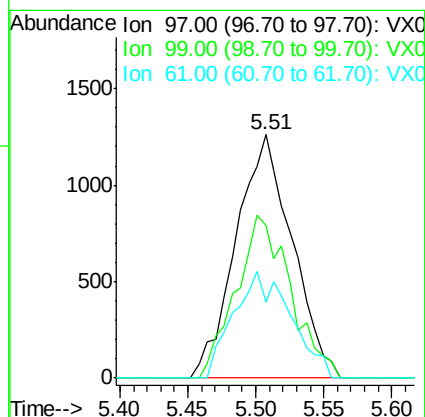
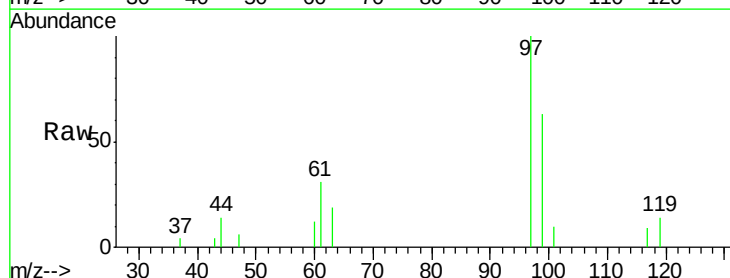
Tgt Ion: 97 Resp: 3638

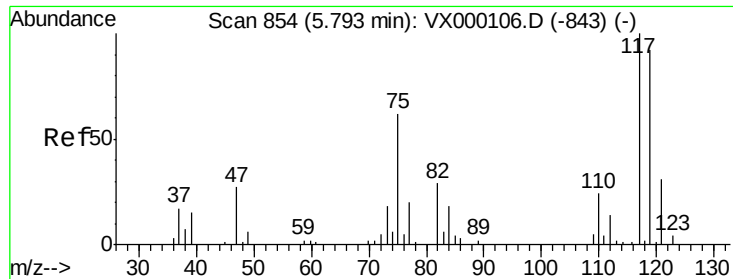
Ion Ratio Lower Upper

97 100

99 64.9 52.3 78.5

61 25.3 34.3 51.5#





#33

Carbon Tetrachloride

Concen: 1.27 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

MDL01 2PPB

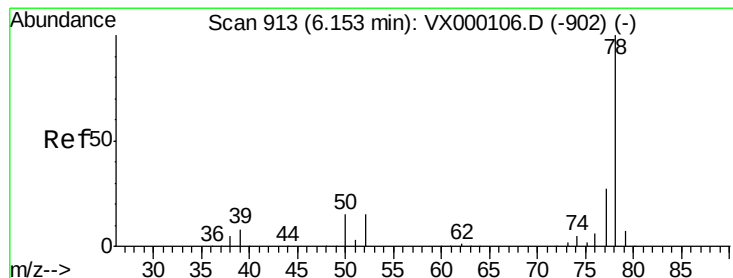
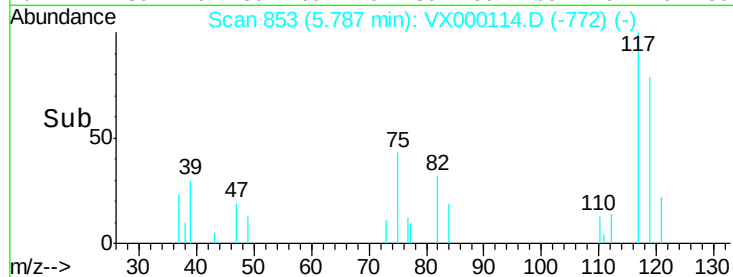
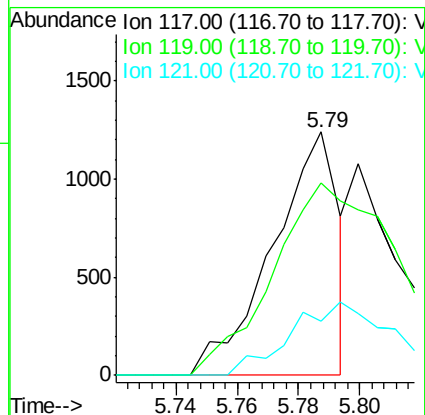
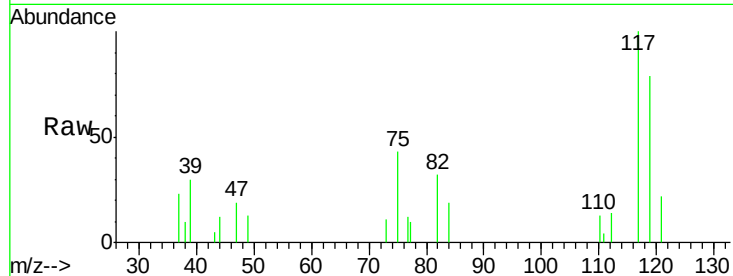
Tgt Ion: 117 Resp: 1869

Ion Ratio Lower Upper

117 100

119 79.2 73.5 110.3

121 22.2 24.6 37.0#



#34

Benzene

Concen: 2.12 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

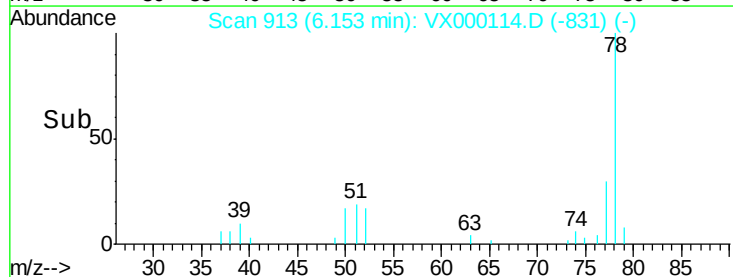
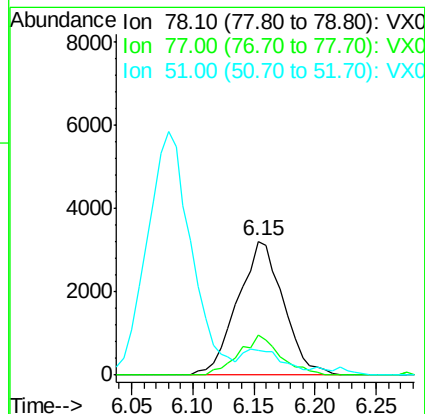
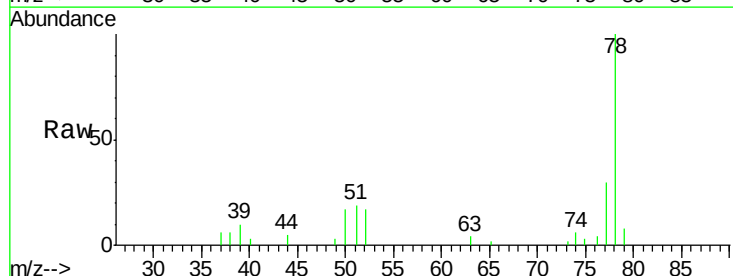
Tgt Ion: 78 Resp: 8346

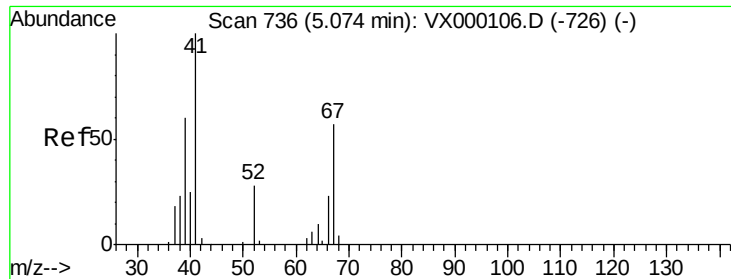
Ion Ratio Lower Upper

78 100

77 30.4 21.7 32.5

51 12.4 14.9 22.3#

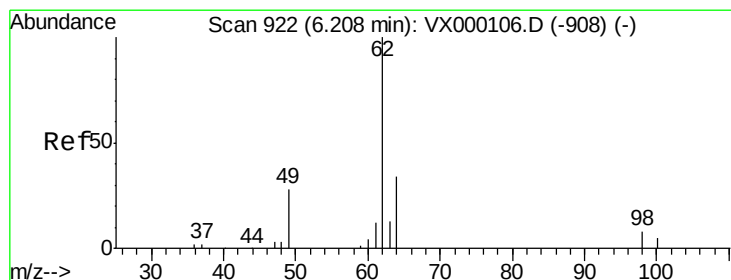
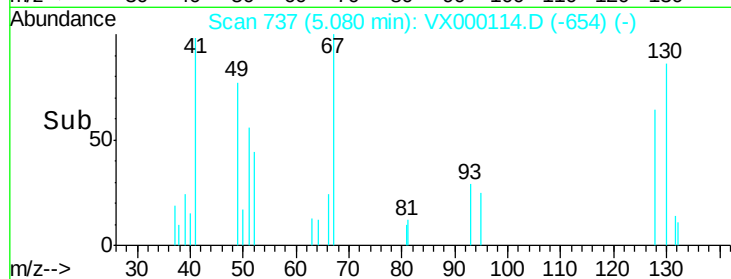
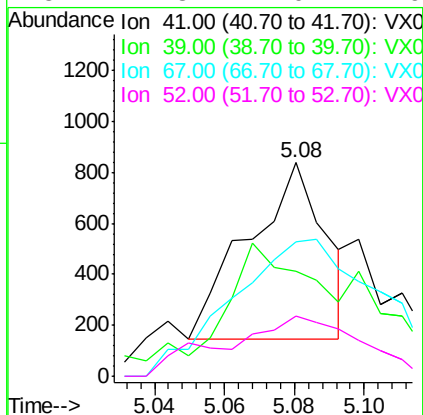
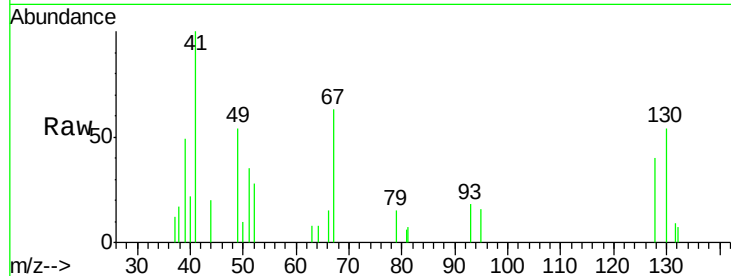




#35
Methacrylonitrile
Concen: 1.10 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

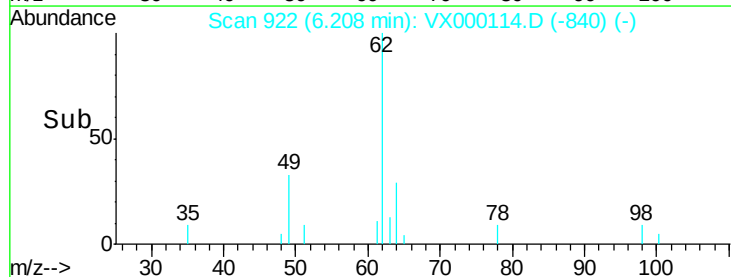
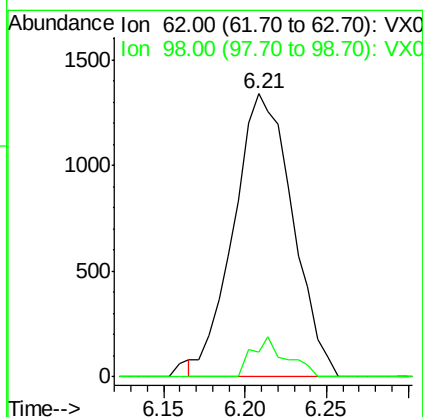
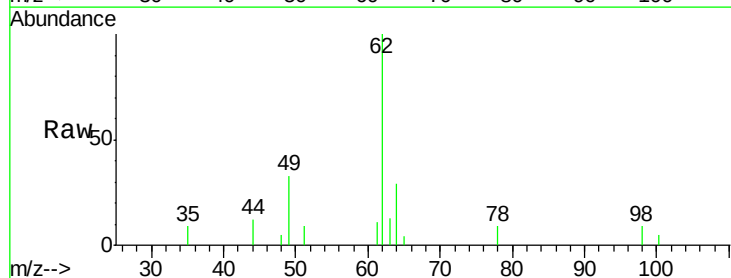
Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

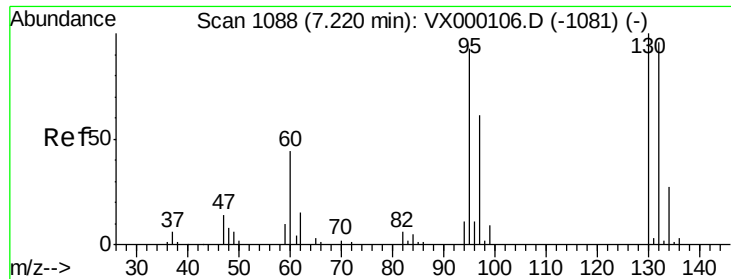
Tgt Ion:	41	Resp:	1073
Ion	Ratio	Lower	Upper
41	100		
39	47.8	29.8	89.3
67	60.4	28.7	86.3
52	14.8	14.0	41.9



#36
1,2-Dichloroethane
Concen: 2.25 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion:	62	Resp:	3365
Ion	Ratio	Lower	Upper
62	100		
98	6.7	6.9	10.3#

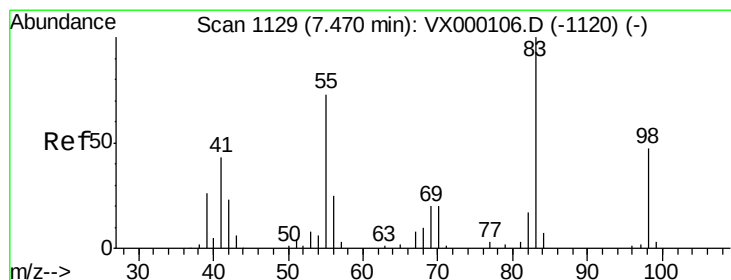
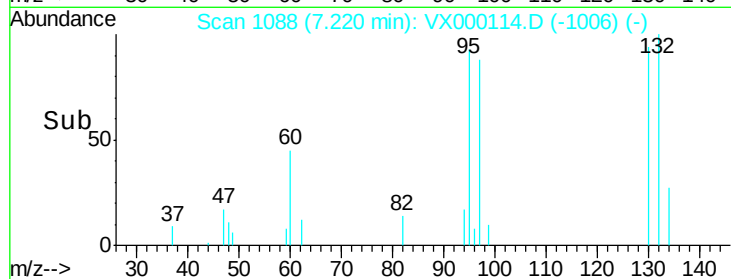
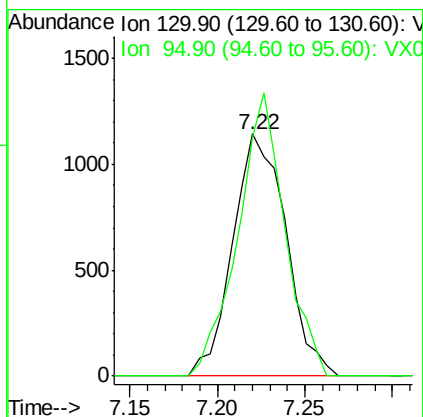
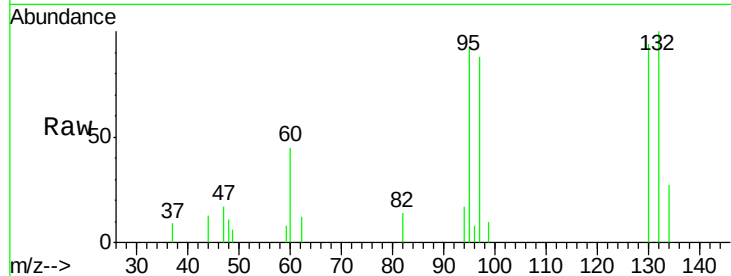




#37
 Trichloroethene
 Concen: 2.07 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

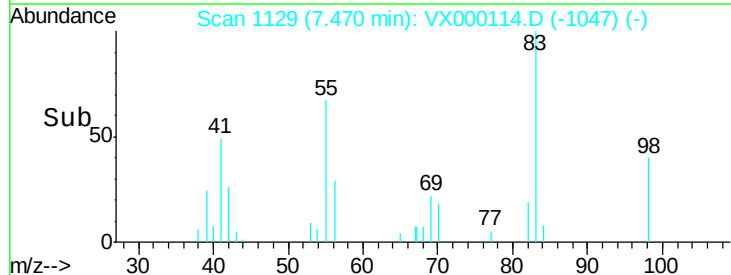
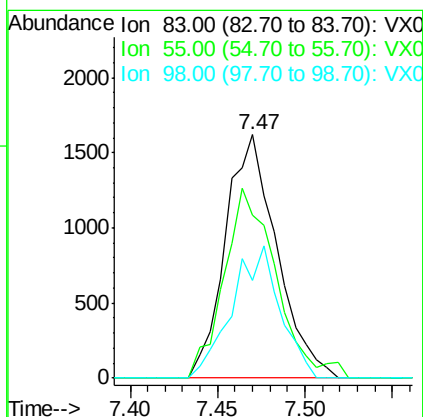
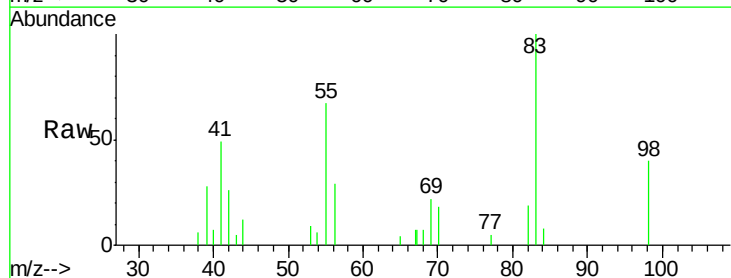
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

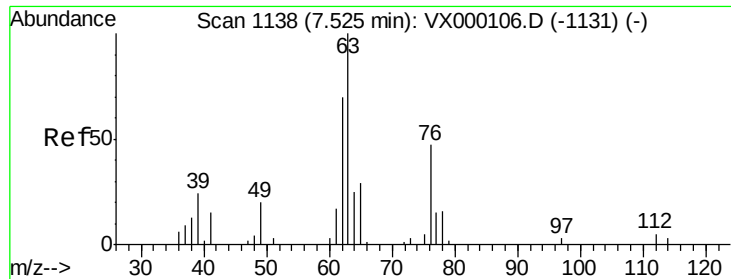
Tgt Ion: 130 Resp: 2416
 Ion Ratio Lower Upper
 130 100
 95 98.8 74.6 112.0



#38
 Methylcyclohexane
 Concen: 2.01 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion: 83 Resp: 3301
 Ion Ratio Lower Upper
 83 100
 55 76.9 35.9 107.7
 98 50.9 24.6 74.0

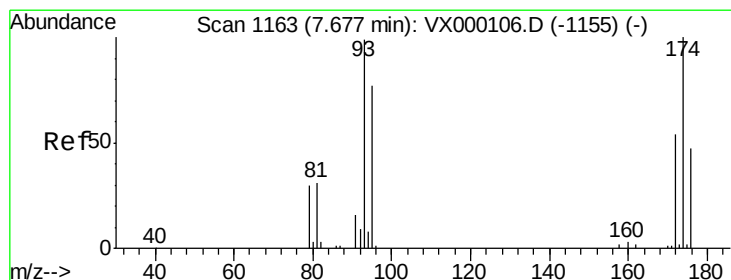
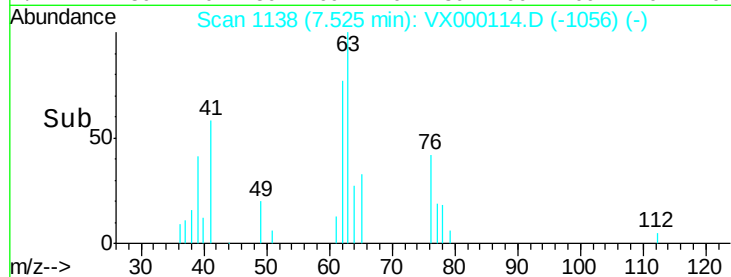
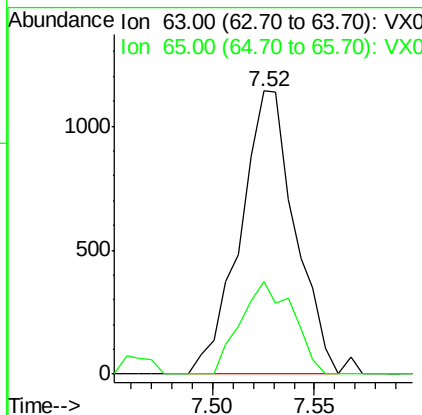
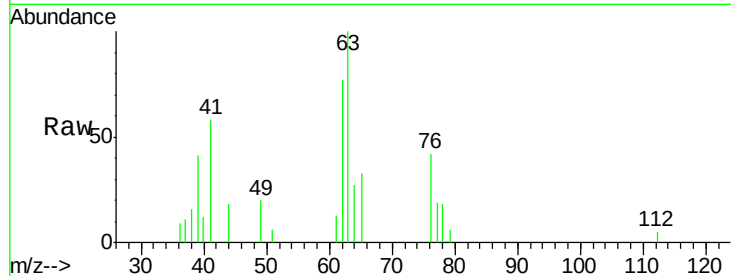




#39
 1,2-Dichloropropane
 Concen: 2.18 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

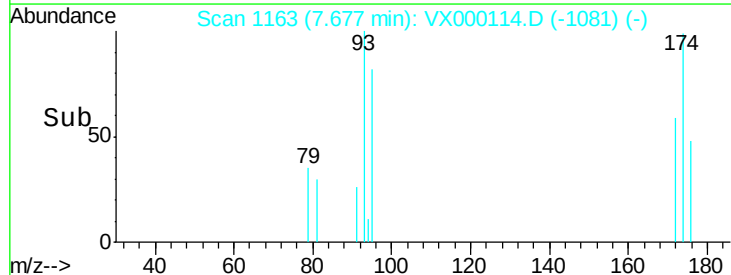
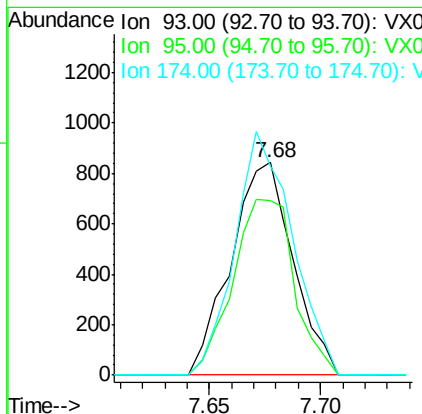
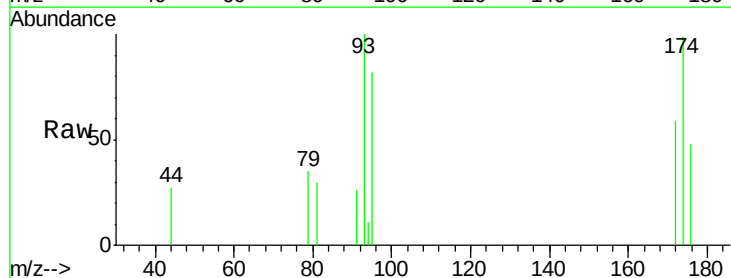
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01 2PPB

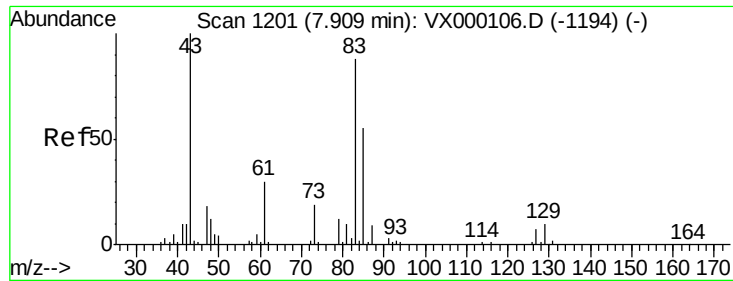
Tgt Ion: 63 Resp: 2143
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.0 37.6



#40
 Dibromomethane
 Concen: 2.16 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion: 93 Resp: 1638
 Ion Ratio Lower Upper
 93 100
 95 81.6 0.0 170.6
 174 106.3 0.0 210.4





#41

Bromodichloromethane

Concen: 1.95 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

MDL01 2PPB

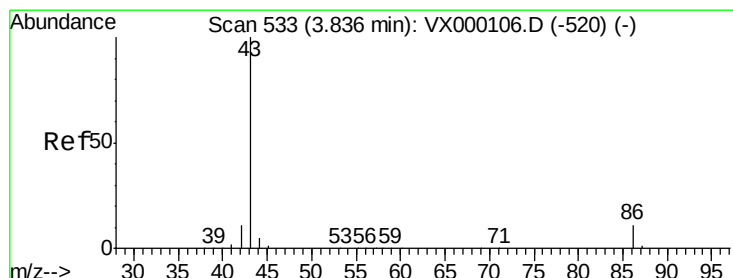
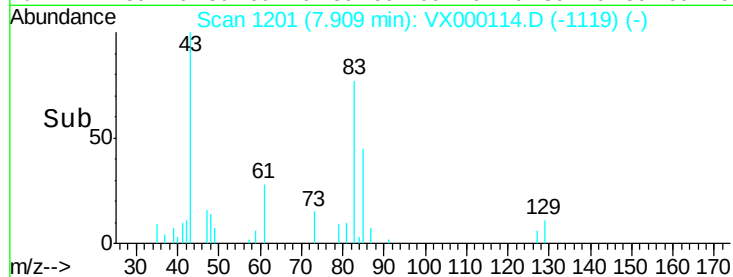
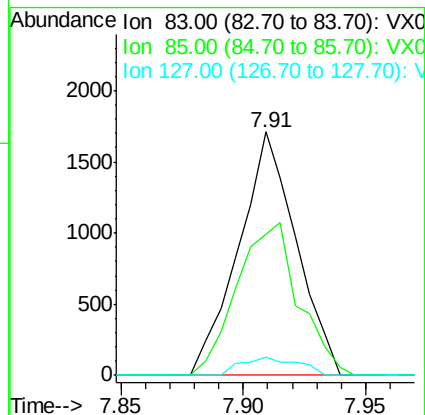
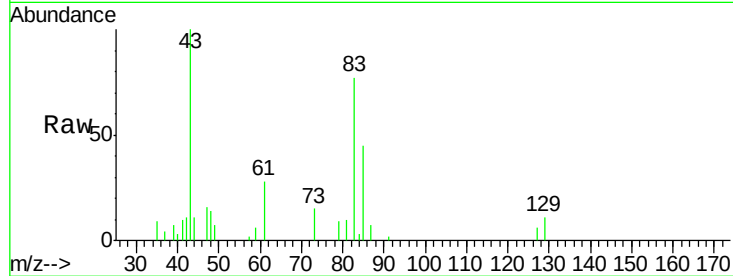
Tgt Ion: 83 Resp: 2806

Ion Ratio Lower Upper

83 100

85 57.9 50.0 75.0

127 7.7 6.6 10.0



#42

Vinyl Acetate

Concen: 8.69 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000114.D

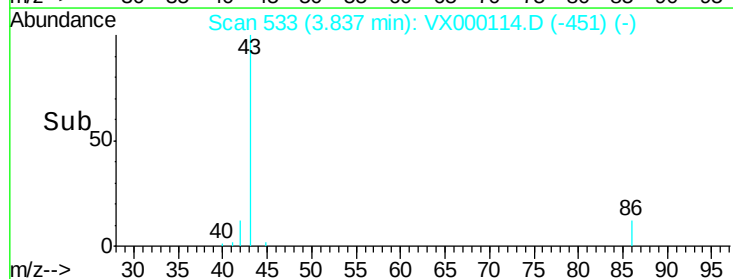
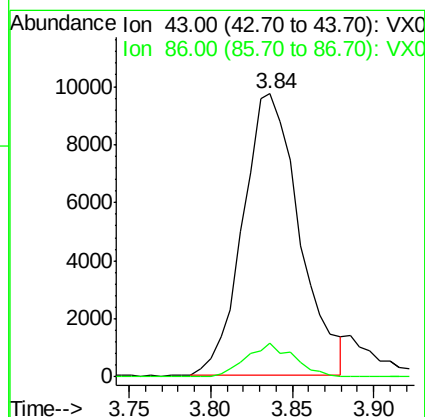
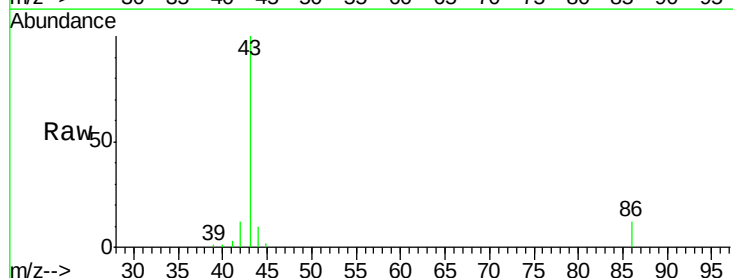
Acq: 20 Feb 2018 18:21

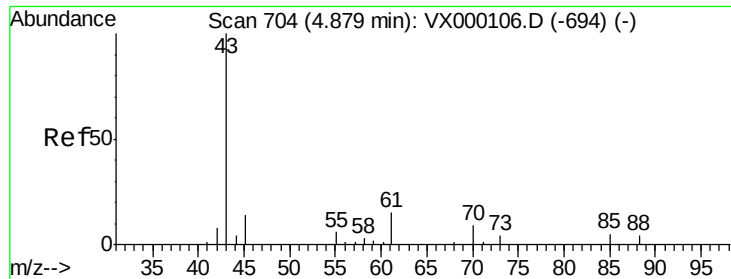
Tgt Ion: 43 Resp: 23371

Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.6





#43

Ethyl Acetate

Concen: 2.12 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

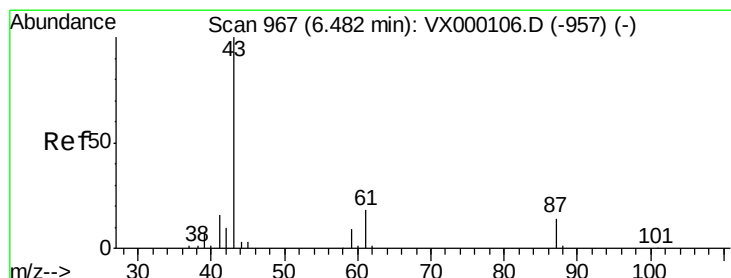
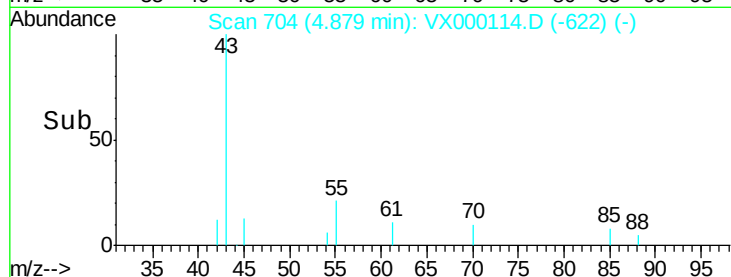
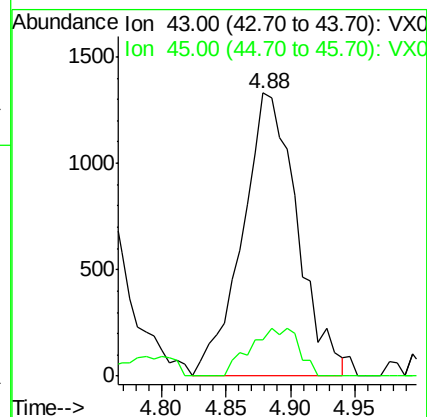
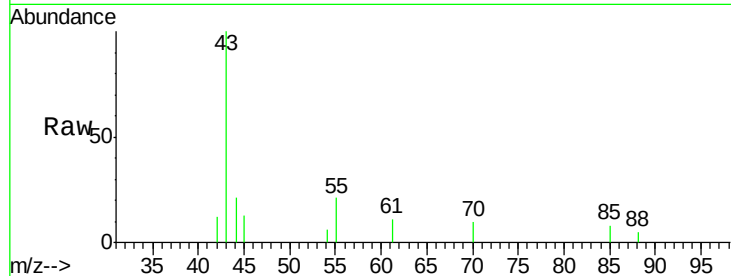
MDL01 2PPB

Tgt Ion: 43 Resp: 3925

Ion Ratio Lower Upper

43 100

45 9.7 11.4 17.0#



#44

Isopropyl Acetate

Concen: 2.08 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000114.D

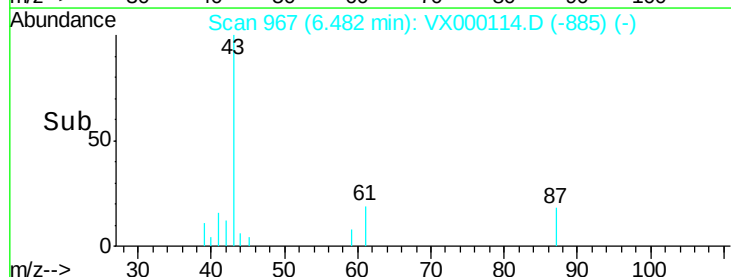
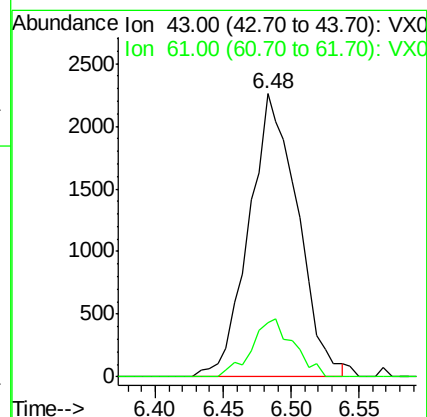
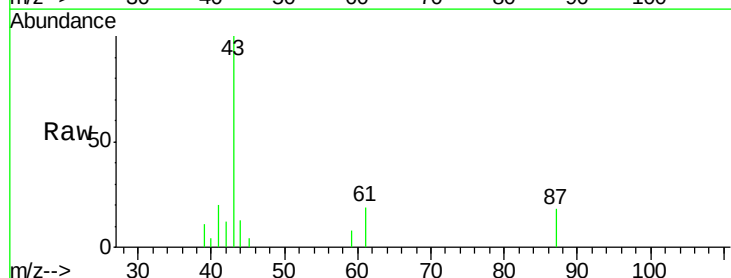
Acq: 20 Feb 2018 18:21

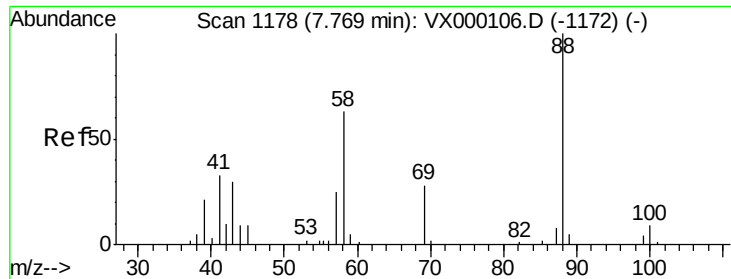
Tgt Ion: 43 Resp: 5651

Ion Ratio Lower Upper

43 100

61 17.8 15.7 23.5

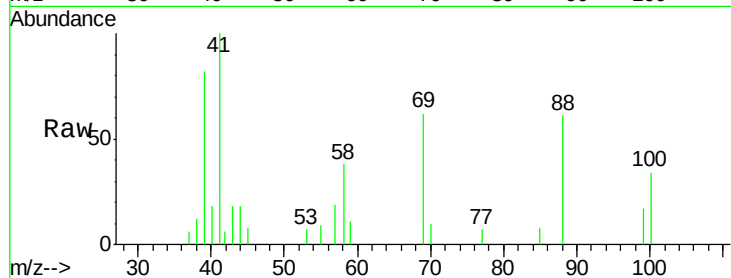




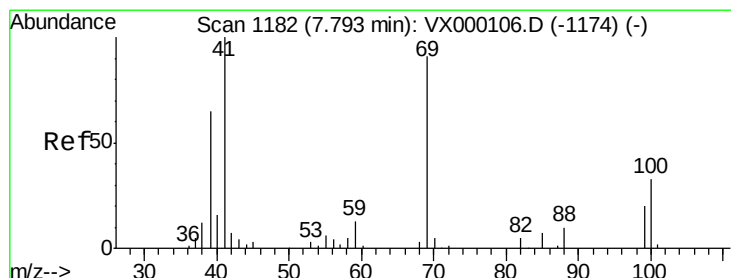
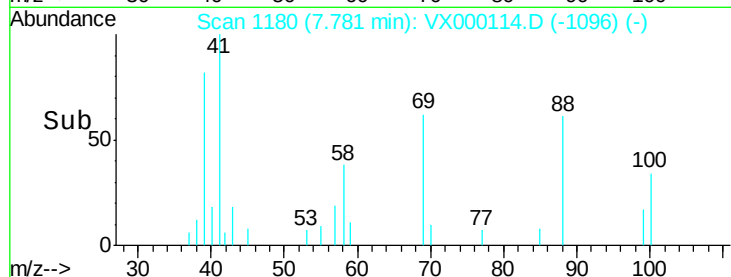
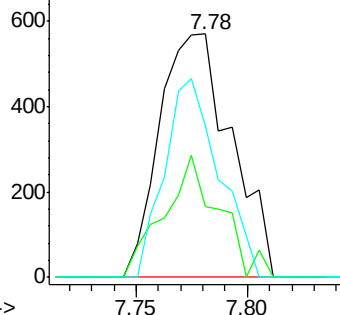
#45
1,4-Dioxane
Concen: 37.46 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tgt Ion: 88 Resp: 1281
Ion Ratio Lower Upper
88 100
43 32.6 26.8 40.2
58 61.8 52.1 78.1

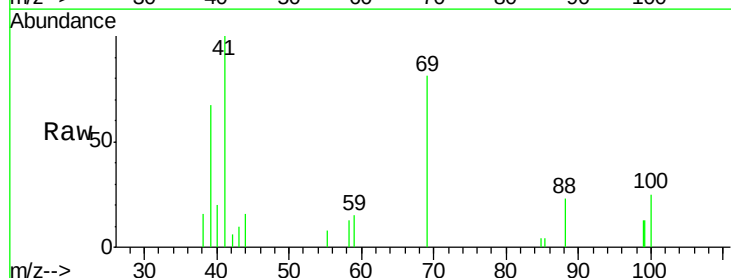


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

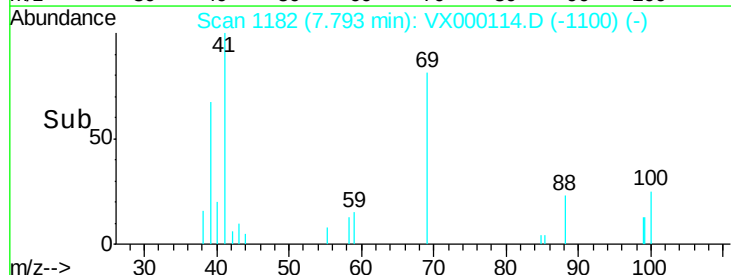
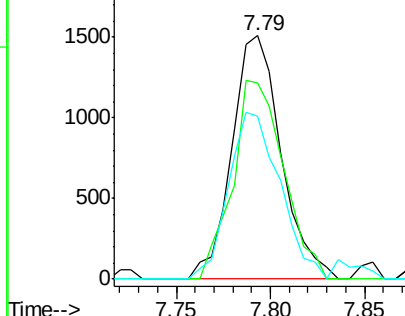


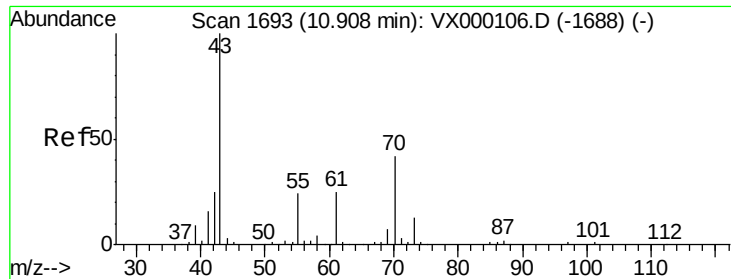
#46
Methyl methacrylate
Concen: 2.07 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 41 Resp: 2741
Ion Ratio Lower Upper
41 100
69 80.5 45.5 136.5
39 66.8 32.5 97.5



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





#47

n-amyI Acetate

Concen: 1.89 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

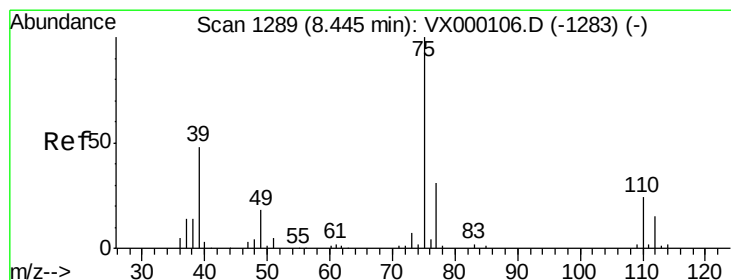
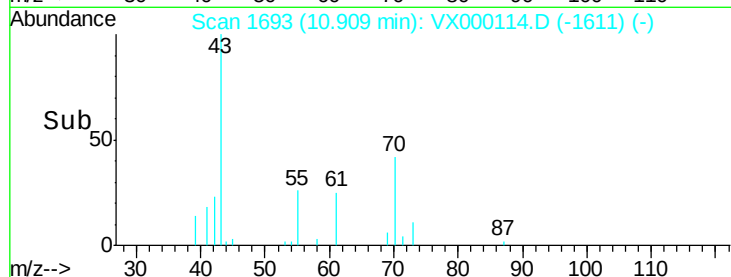
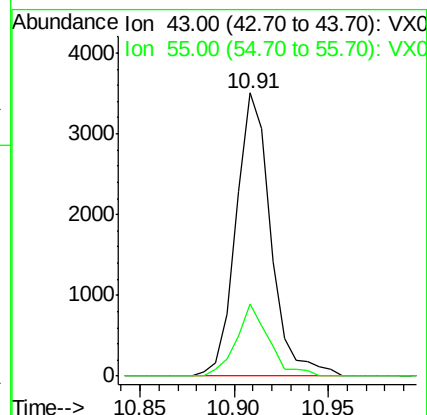
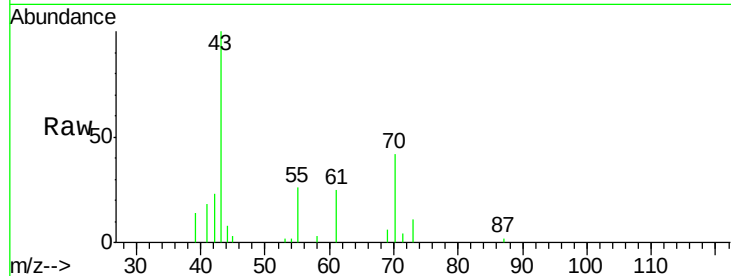
MDL01 2PPB

Tgt Ion: 43 Resp: 4495

Ion Ratio Lower Upper

43 100

55 22.6 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 1.94 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000114.D

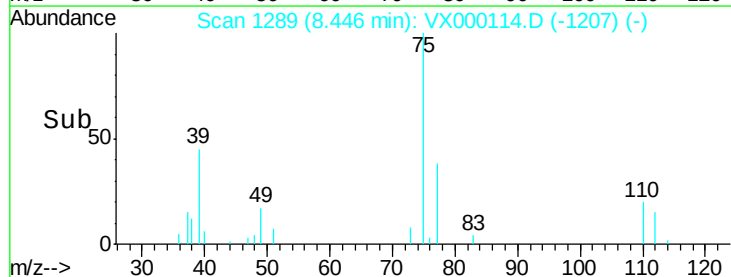
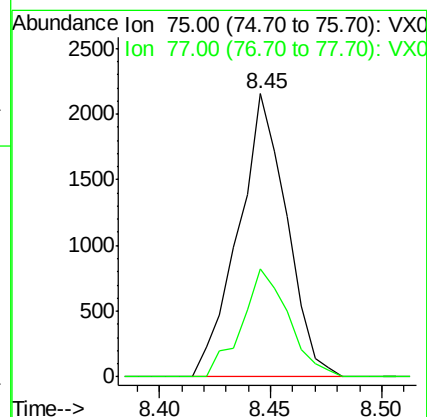
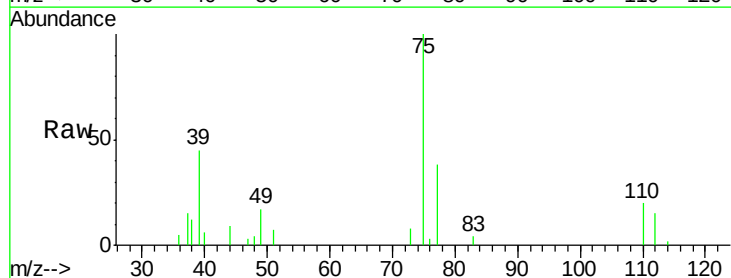
Acq: 20 Feb 2018 18:21

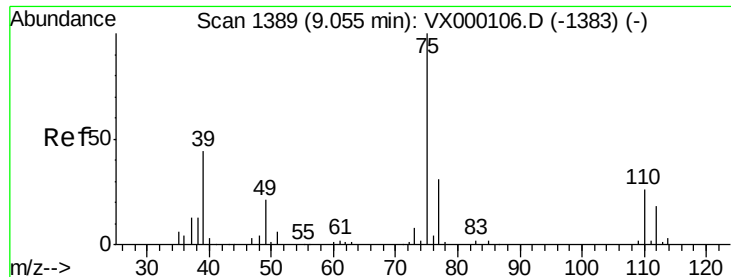
Tgt Ion: 75 Resp: 3260

Ion Ratio Lower Upper

75 100

77 38.0 24.6 37.0#





#49

cis-1,3-Dichloropropene

Concen: 1.92 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

MDL01 2PPB

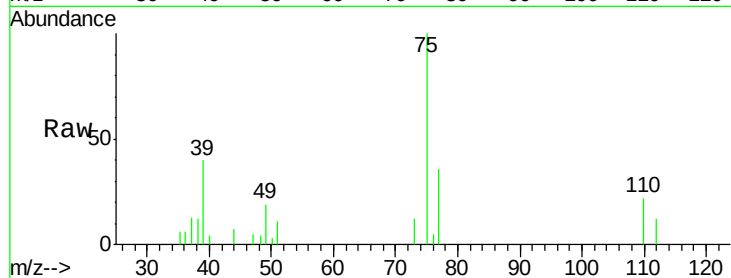
Tgt Ion: 75 Resp: 3139

Ion Ratio Lower Upper

75 100

77 36.2 24.5 36.7

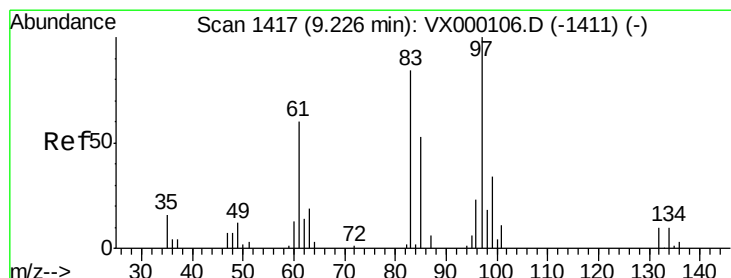
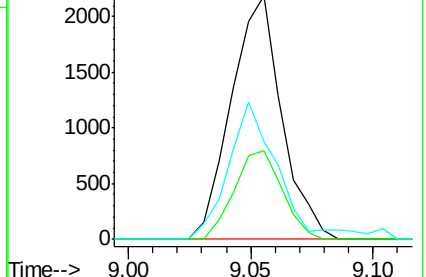
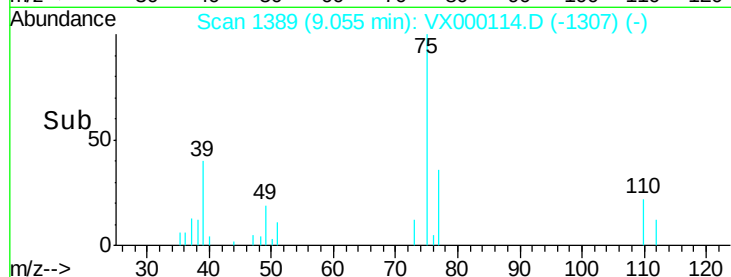
39 40.0 35.6 53.4



Abundance Ion 75.00 (74.70 to 75.70): VX000114.D (-1307) (-)

Ion 77.00 (76.70 to 77.70): VX000114.D (-1307) (-)

Ion 39.00 (38.70 to 39.70): VX000114.D (-1307) (-)



#50

1,1,2-Trichloroethane

Concen: 2.02 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion: 97 Resp: 2248

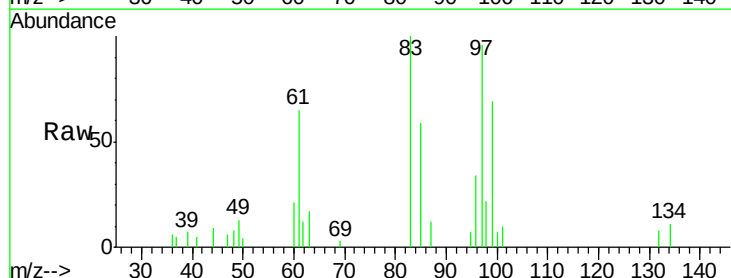
Ion Ratio Lower Upper

97 100

83 104.1 66.9 100.3#

85 61.0 44.4 66.6

99 72.1 50.0 75.0

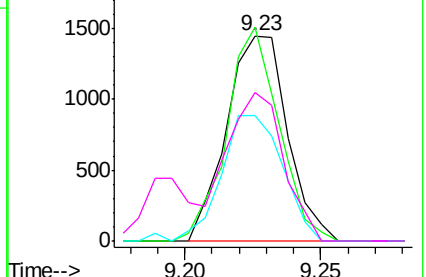
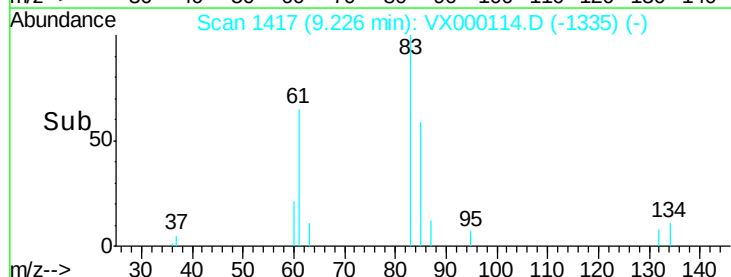


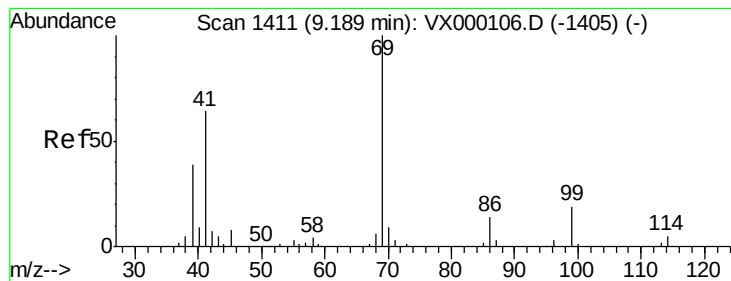
Abundance Ion 97.00 (96.70 to 97.70): VX000114.D (-1335) (-)

Ion 82.95 (82.65 to 83.65): VX000114.D (-1335) (-)

Ion 84.95 (84.65 to 85.65): VX000114.D (-1335) (-)

Ion 98.95 (98.65 to 99.65): VX000114.D (-1335) (-)





#51

Ethyl methacrylate

Concen: 1.81 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

MDL01 2PPB

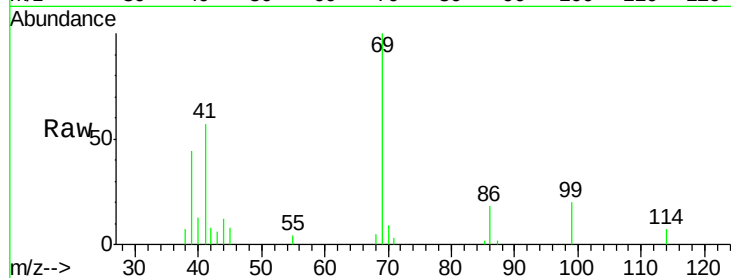
Tgt Ion: 69 Resp: 3097

Ion Ratio Lower Upper

69 100

41 56.6 32.1 96.3

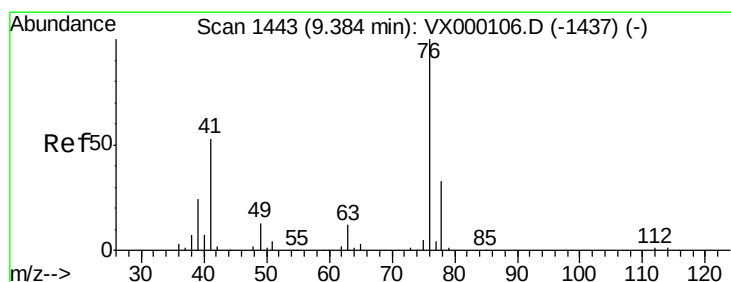
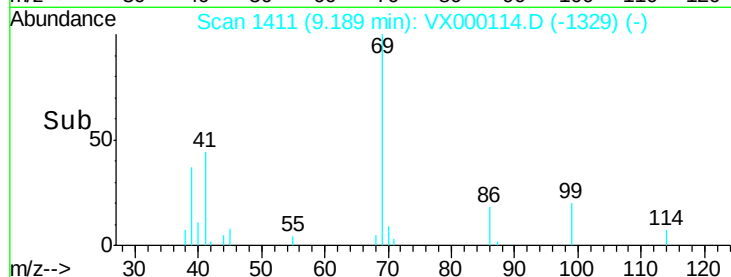
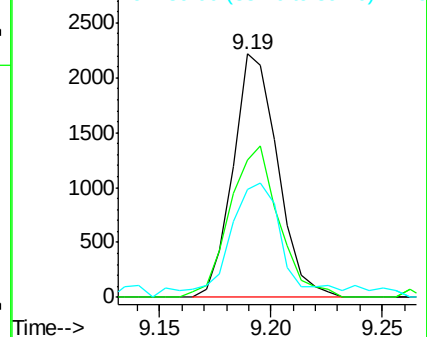
39 41.7 19.6 58.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 2.08 ug/l

RT: 9.38 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VX000114.D

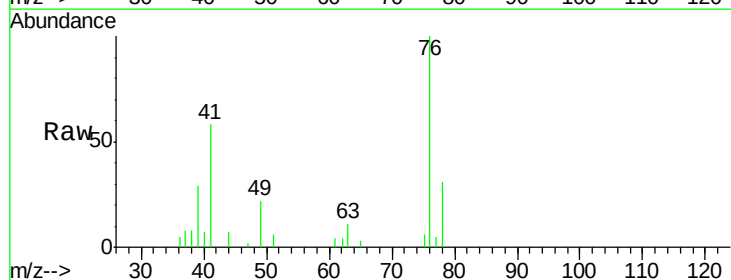
Acq: 20 Feb 2018 18:21

Tgt Ion: 76 Resp: 3713

Ion Ratio Lower Upper

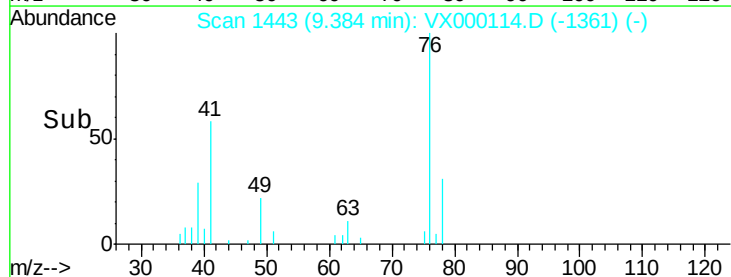
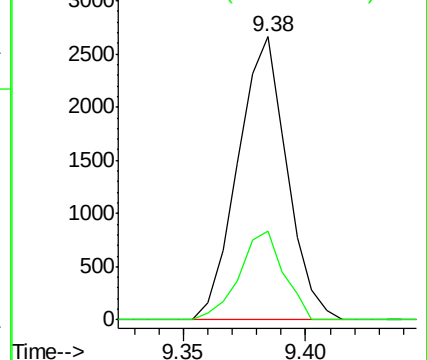
76 100

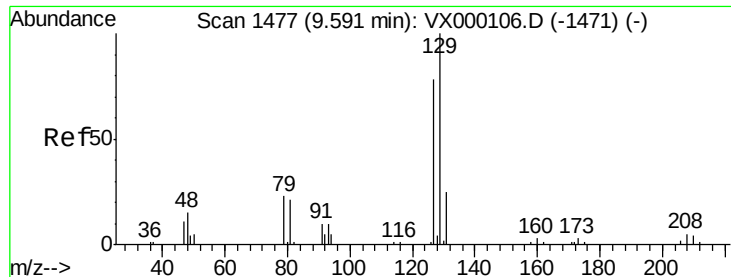
78 28.5 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

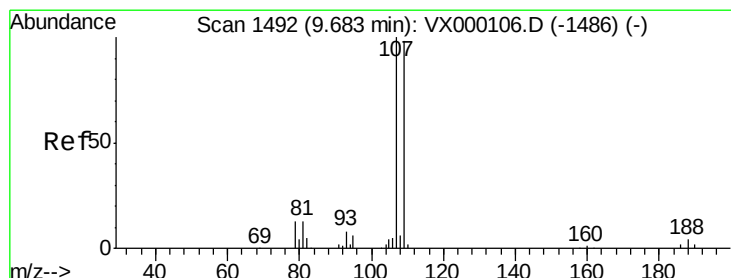
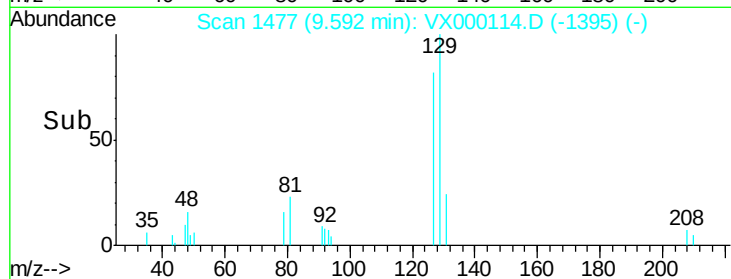
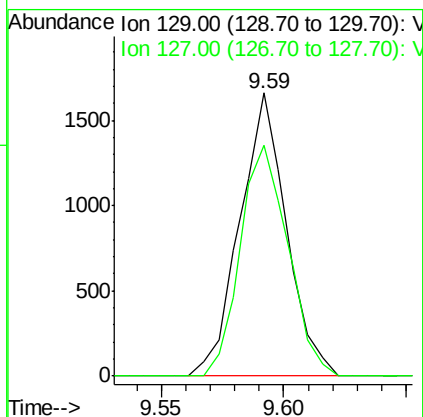
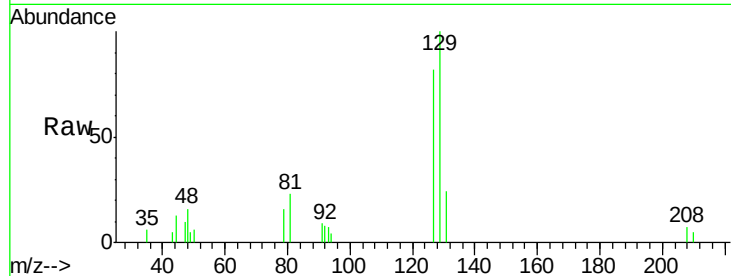




#53
Dibromochloromethane
Concen: 1.78 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

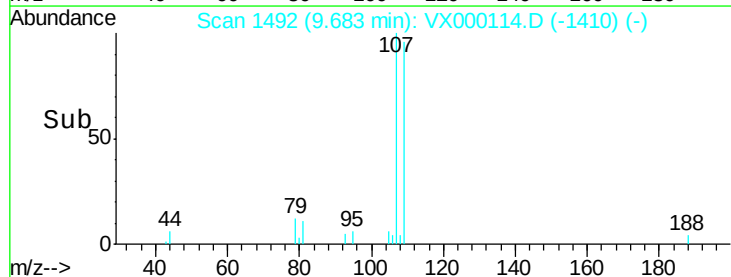
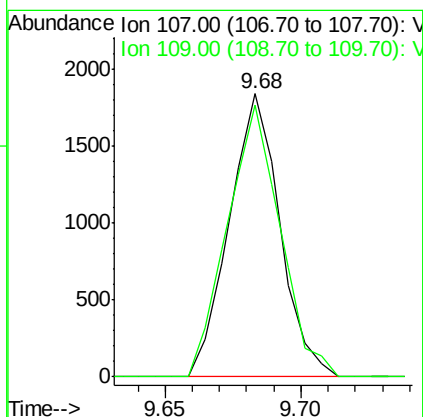
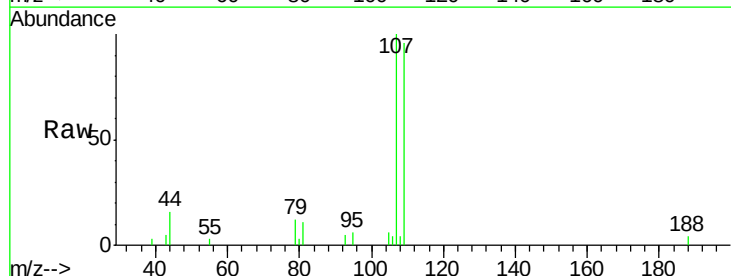
Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

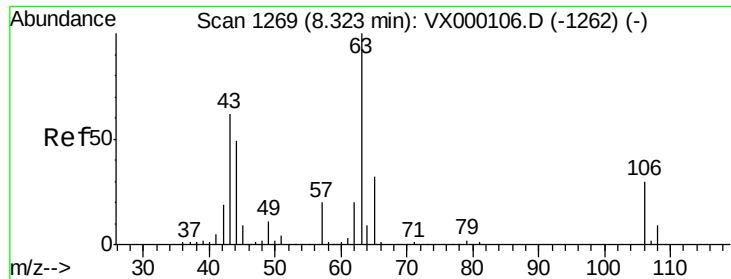
Tgt Ion:129 Resp: 2204
Ion Ratio Lower Upper
129 100
127 83.3 37.5 112.5



#54
1,2-Dibromoethane
Concen: 1.91 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion:107 Resp: 2374
Ion Ratio Lower Upper
107 100
109 100.5 74.5 111.7

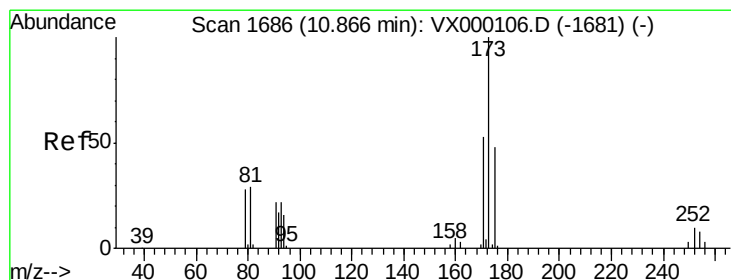
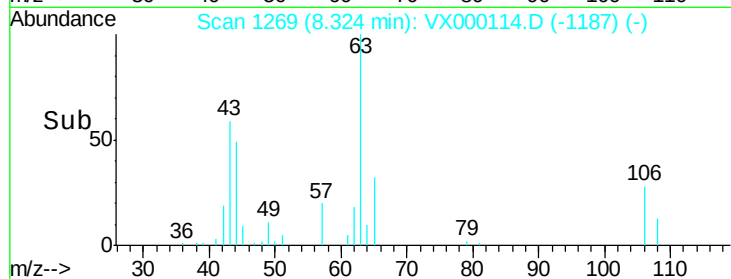
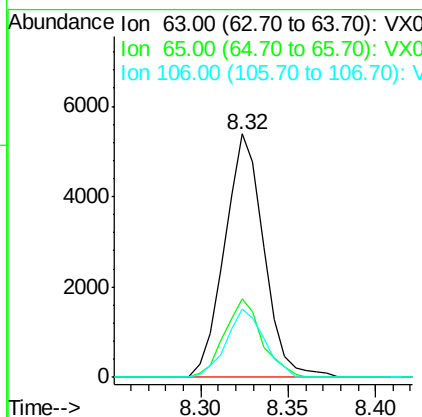
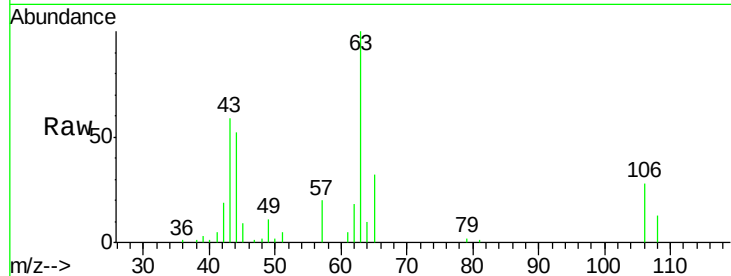




#55
2-Chloroethyl vinyl ether
Concen: 11.28 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

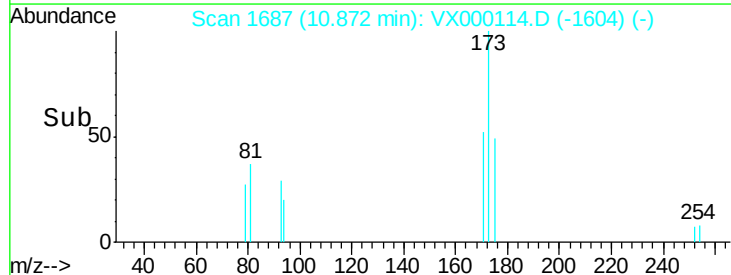
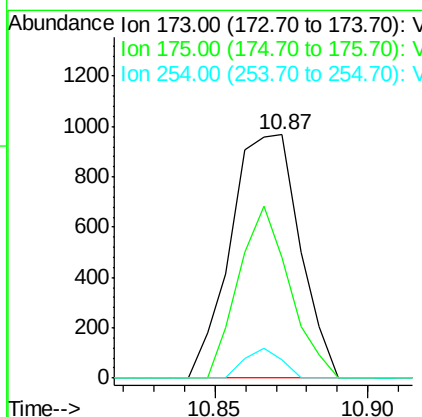
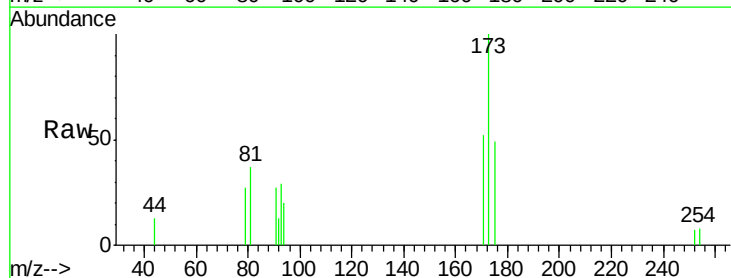
Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

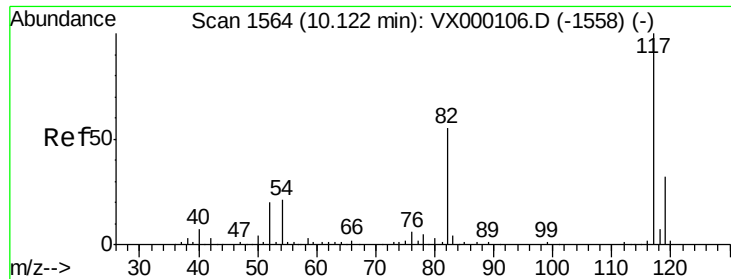
Tgt Ion: 63 Resp: 8404
Ion Ratio Lower Upper
63 100
65 30.7 25.8 38.8
106 27.3 23.8 35.6



#56
Bromoform
Concen: 1.51 ug/l
RT: 10.87 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 173 Resp: 1511
Ion Ratio Lower Upper
173 100
175 52.3 39.0 58.4
254 6.6 7.0 10.4#

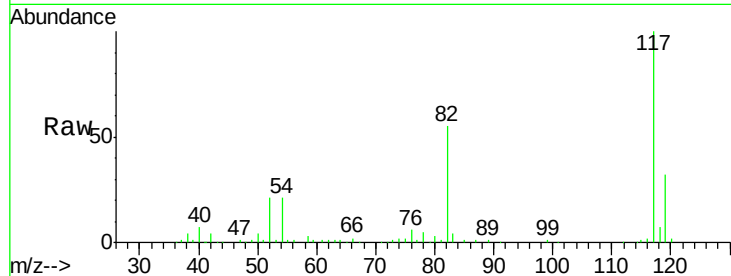




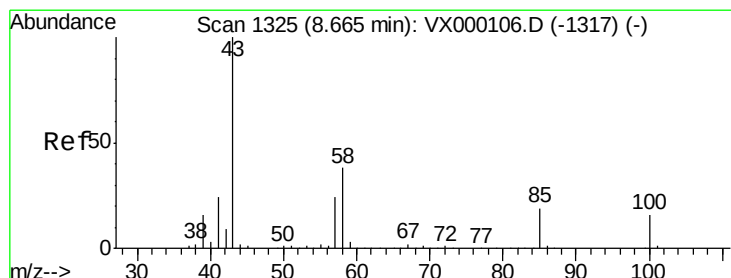
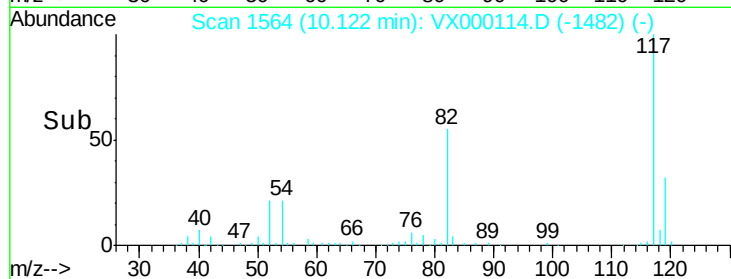
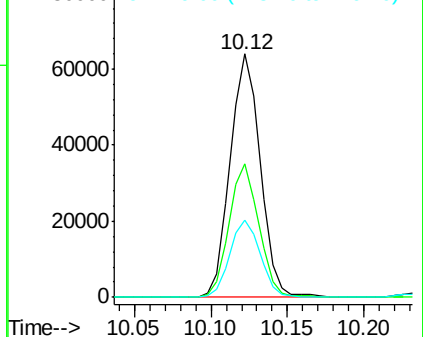
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

Tgt Ion: 117 Resp: 87546
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.3 25.8 38.8

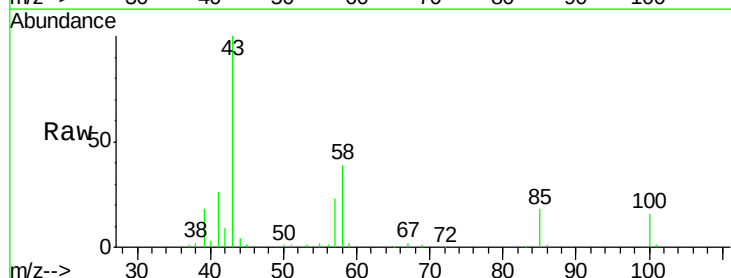


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

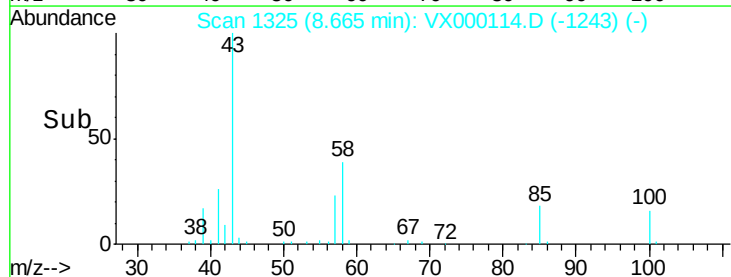
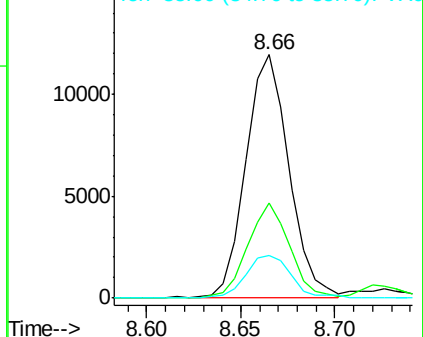


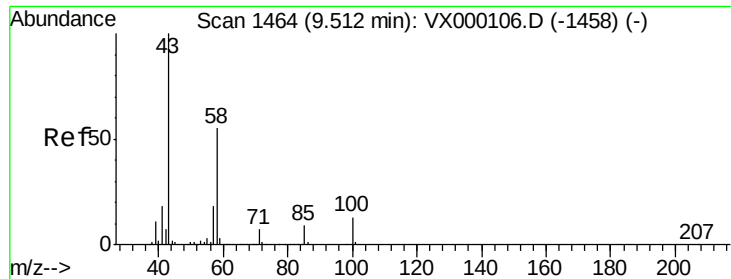
#58
4-Methyl-2-Pentanone
Concen: 9.90 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 43 Resp: 18991
Ion Ratio Lower Upper
43 100
58 37.7 29.8 44.8
85 18.4 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

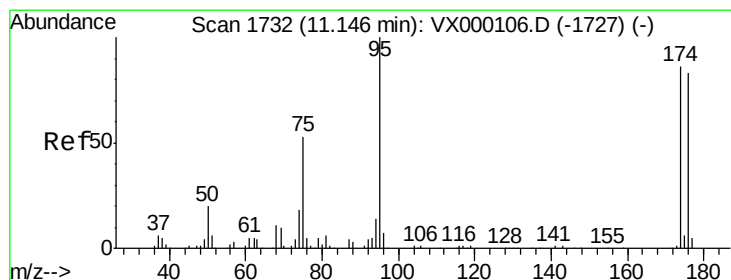
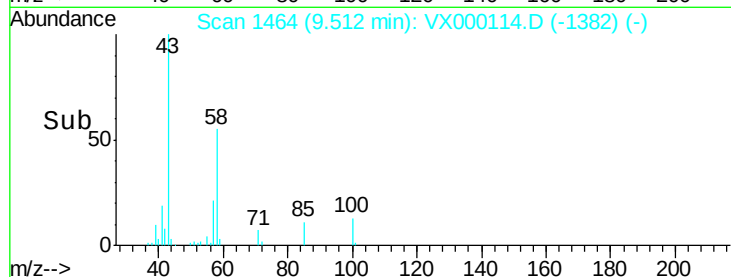
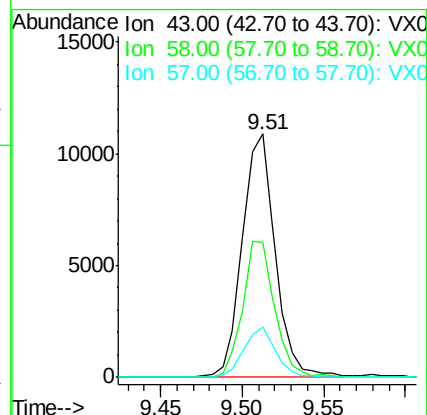
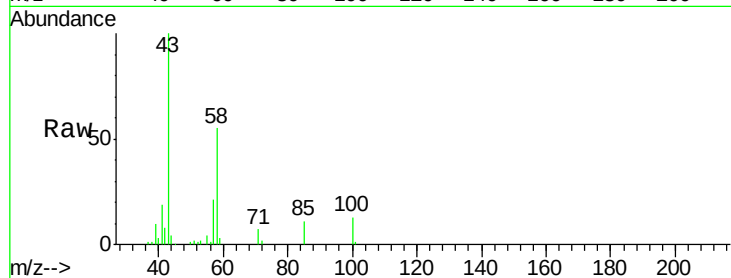




#59
2-Hexanone
Concen: 9.46 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

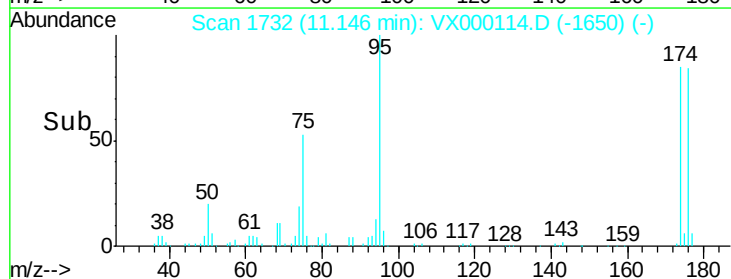
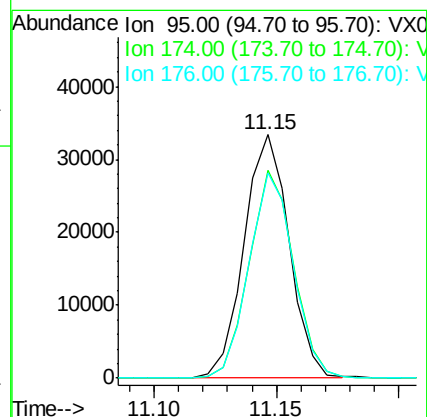
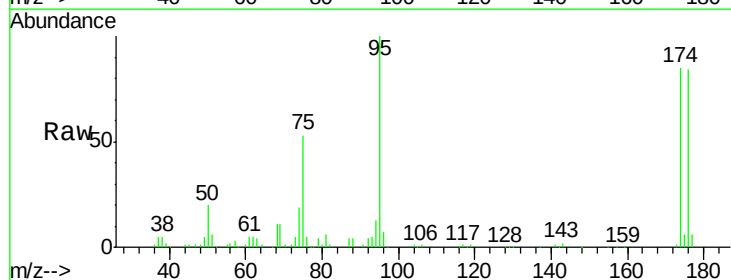
Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

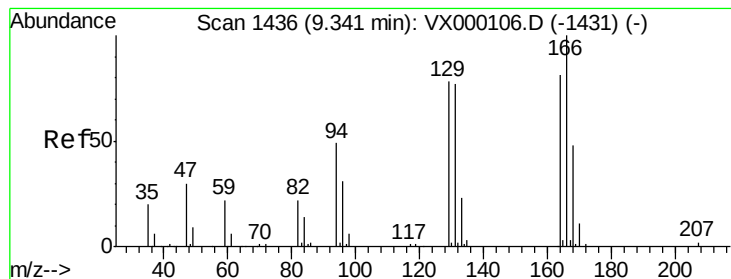
Tgt Ion: 43 Resp: 15365
Ion Ratio Lower Upper
43 100
58 54.4 43.0 64.6
57 20.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.76 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 95 Resp: 42621
Ion Ratio Lower Upper
95 100
174 84.3 71.1 106.7
176 83.3 69.3 103.9





#61

Tetrachloroethene

Concen: 2.13 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000114.D

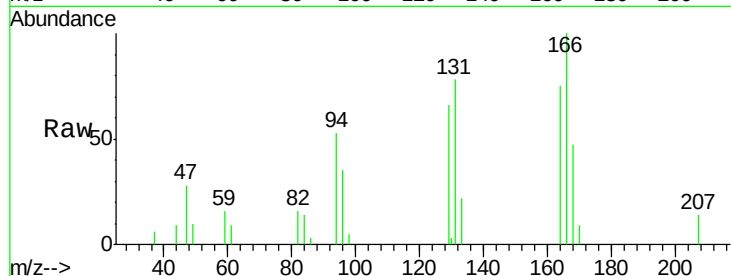
Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

MDL01 2PPB



Tgt Ion:164 Resp: 2264

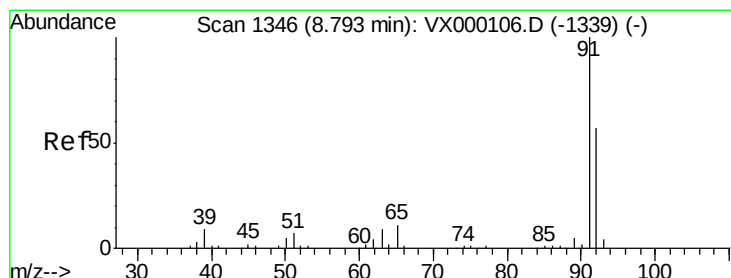
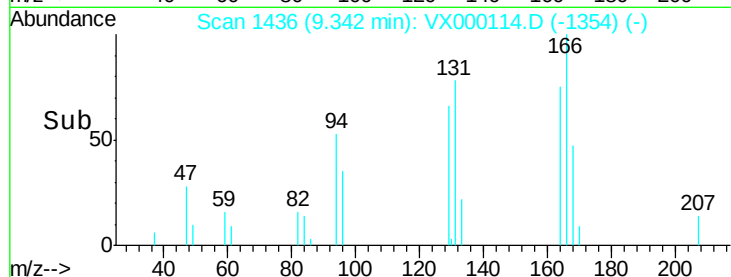
Ion Ratio Lower Upper

164 100

166 132.8 99.0 148.4

129 87.3 77.0 115.6

131 103.1 75.8 113.6



#62

Toluene

Concen: 2.14 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000114.D

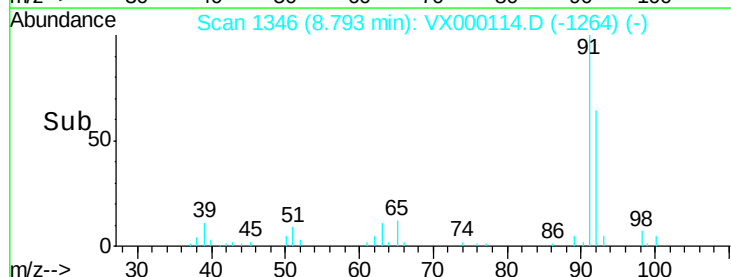
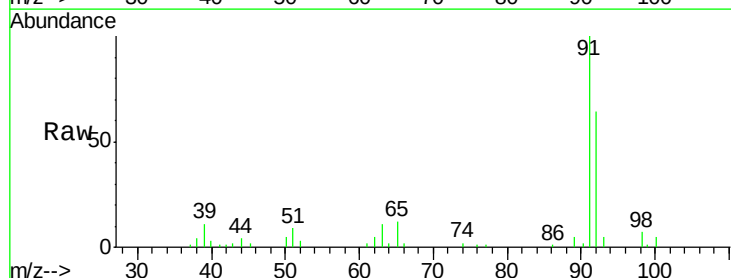
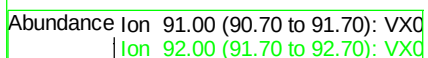
Acq: 20 Feb 2018 18:21

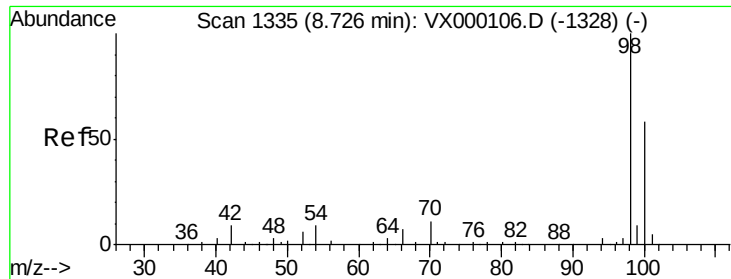
Tgt Ion: 91 Resp: 9749

Ion Ratio Lower Upper

91 100

92 58.8 45.4 68.0

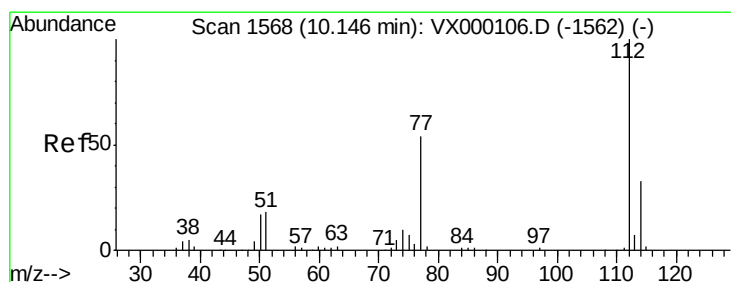
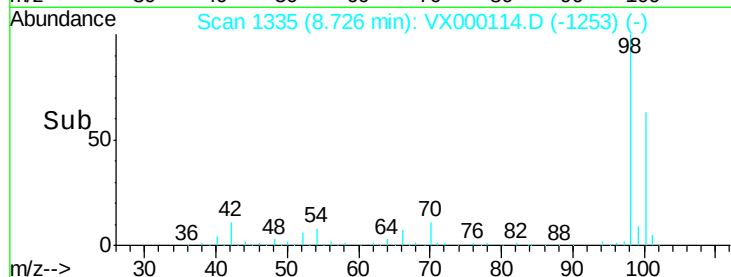
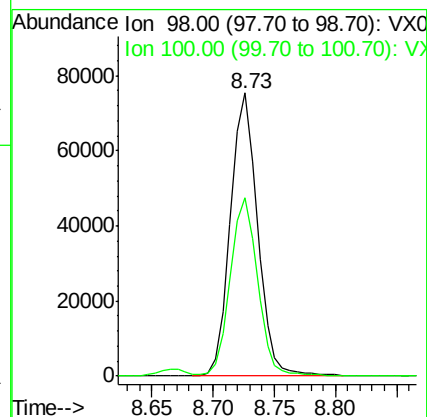
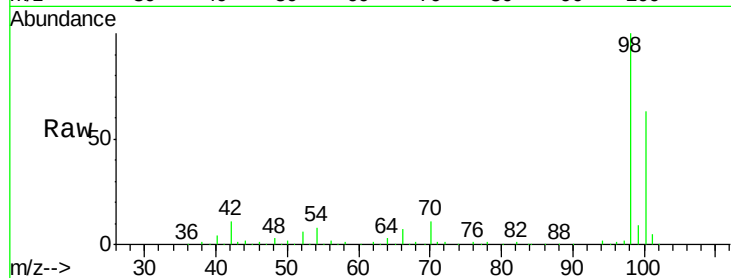




#63
Toluene-d8
Concen: 30.96 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

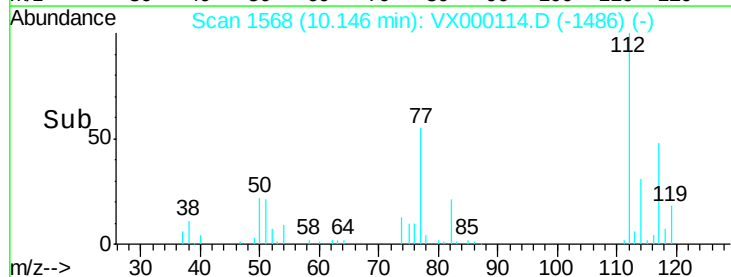
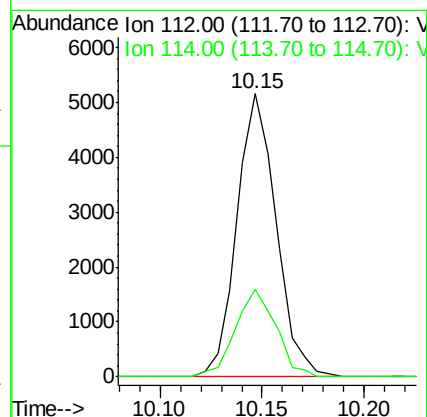
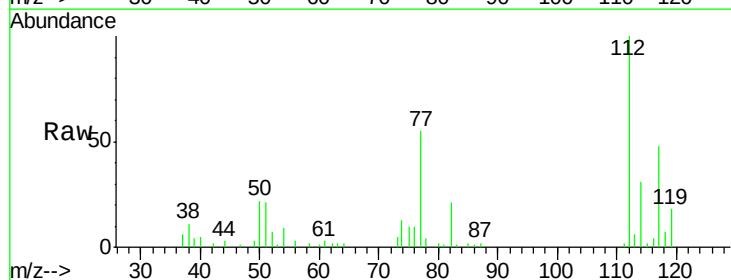
Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

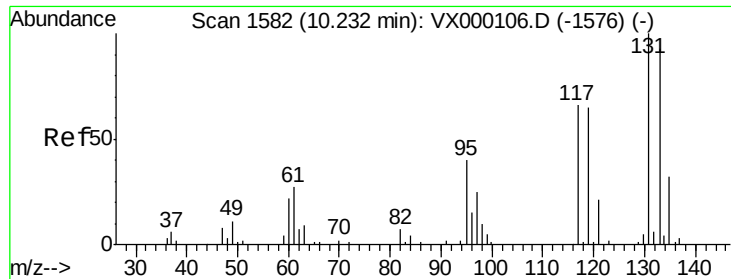
Tgt Ion: 98 Resp: 116113
Ion Ratio Lower Upper
98 100
100 63.4 50.0 75.0



#64
Chlorobenzene
Concen: 2.23 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 112 Resp: 6870
Ion Ratio Lower Upper
112 100
114 30.8 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 2.00 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

MDL01 2PPB

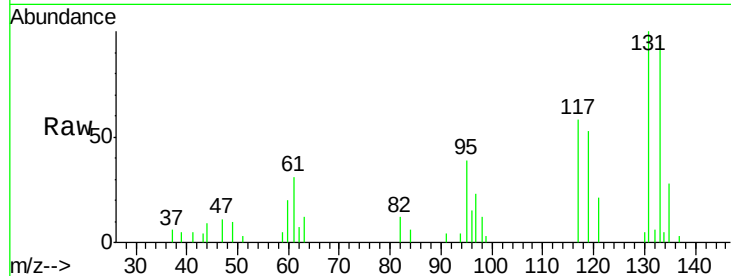
Tgt Ion:131 Resp: 2179

Ion Ratio Lower Upper

131 100

133 92.1 0.0 187.6

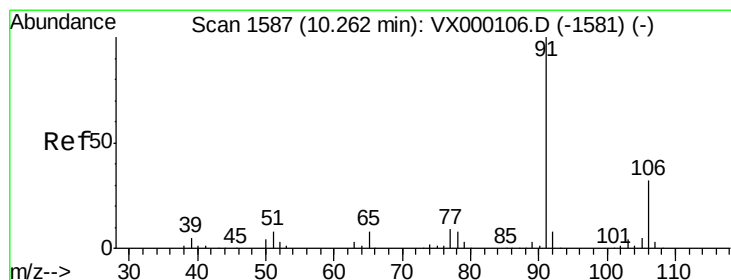
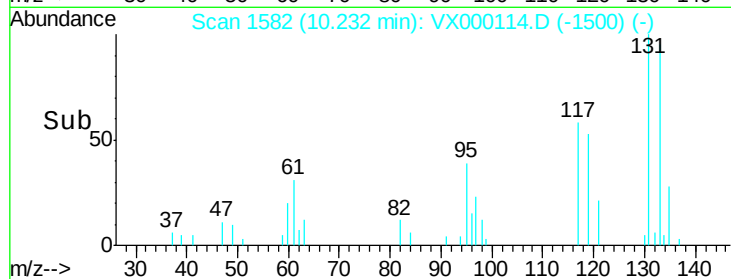
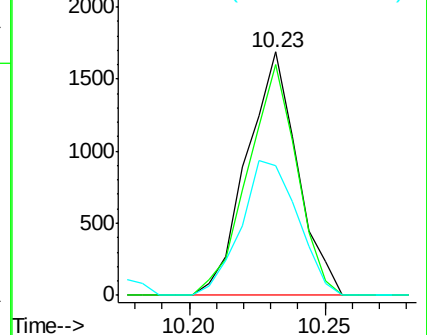
119 62.0 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 2.14 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000114.D

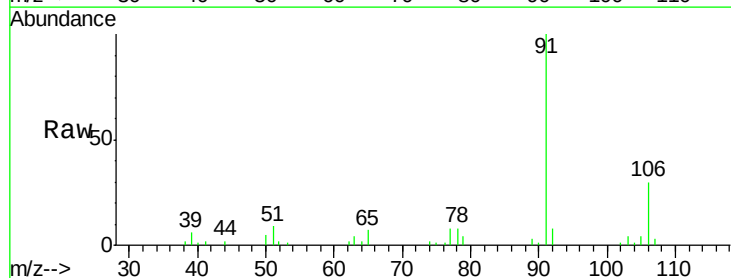
Acq: 20 Feb 2018 18:21

Tgt Ion: 91 Resp: 11137

Ion Ratio Lower Upper

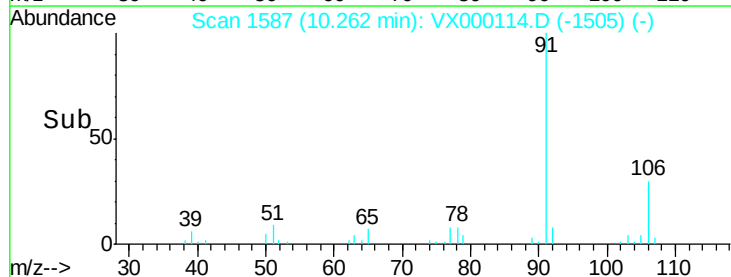
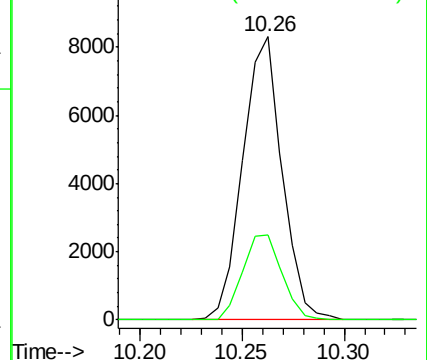
91 100

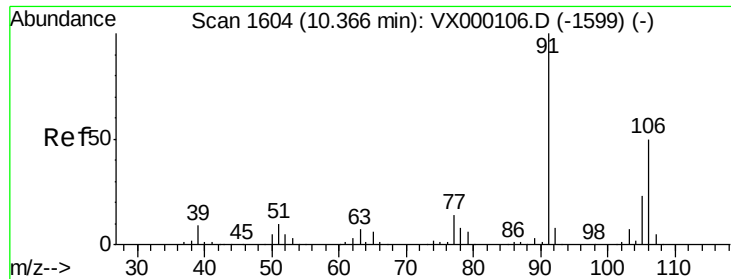
106 30.0 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 3.99 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

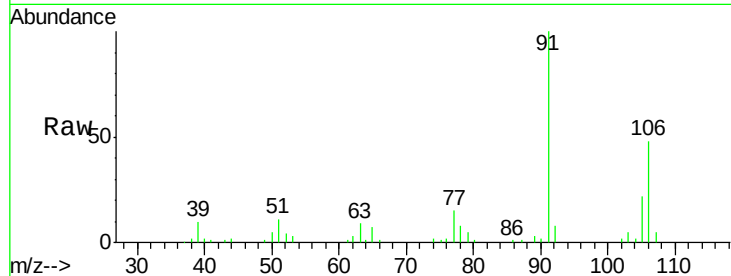
MDL01 2PPB

Tgt Ion:106 Resp: 8125

Ion Ratio Lower Upper

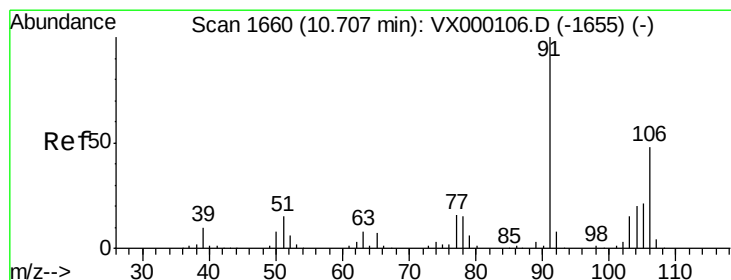
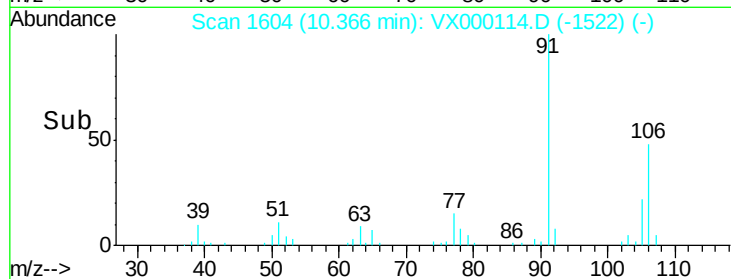
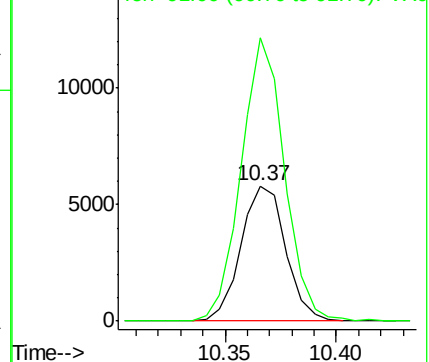
106 100

91 202.5 161.6 242.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 2.13 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX000114.D

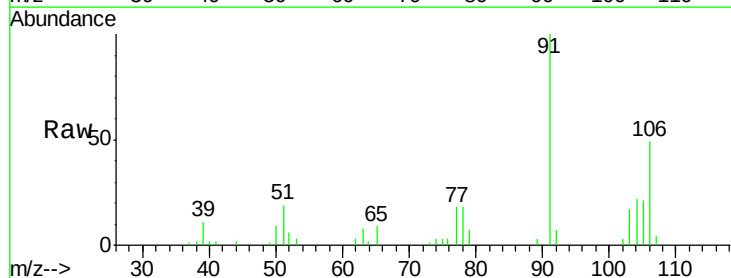
Acq: 20 Feb 2018 18:21

Tgt Ion:106 Resp: 4224

Ion Ratio Lower Upper

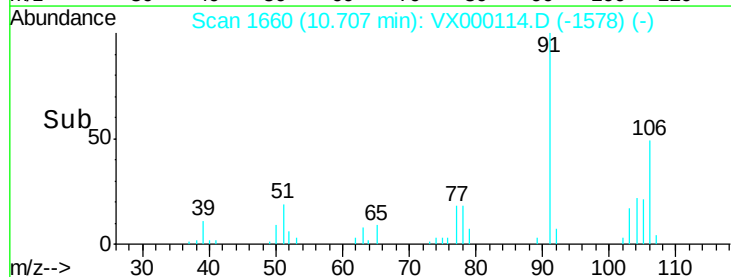
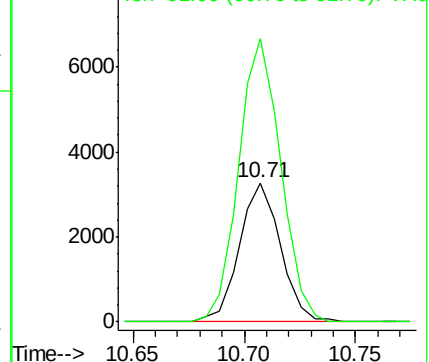
106 100

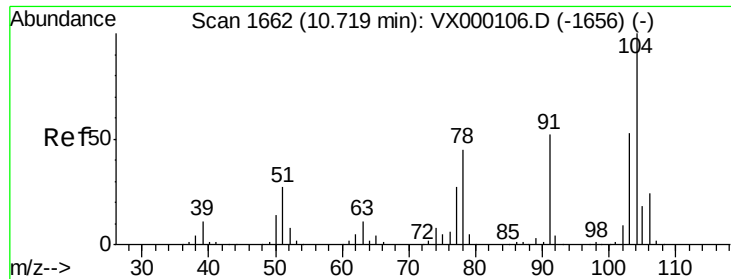
91 208.1 105.6 316.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

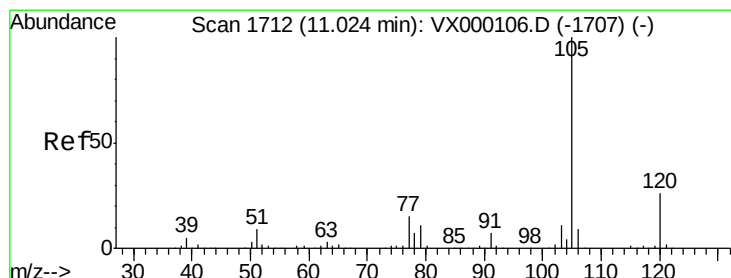
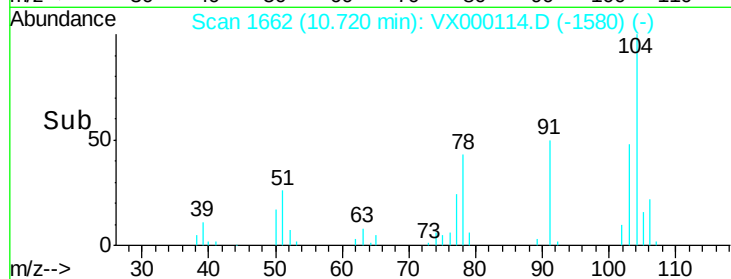
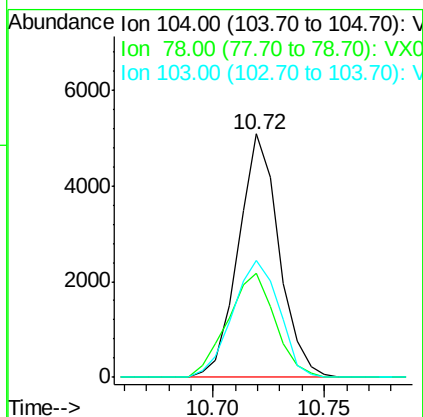
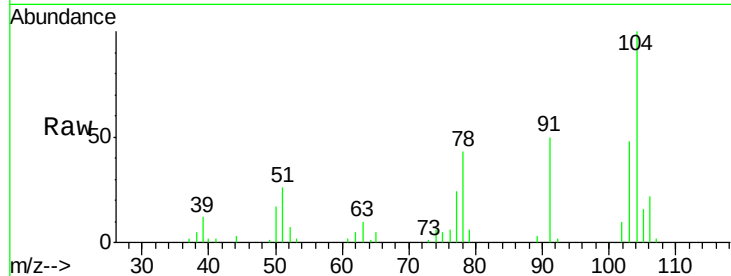




#69
Styrene
Concen: 1.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

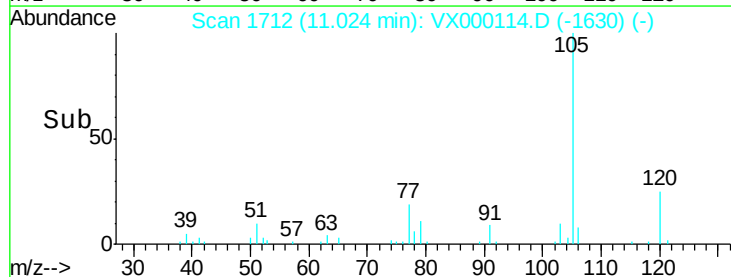
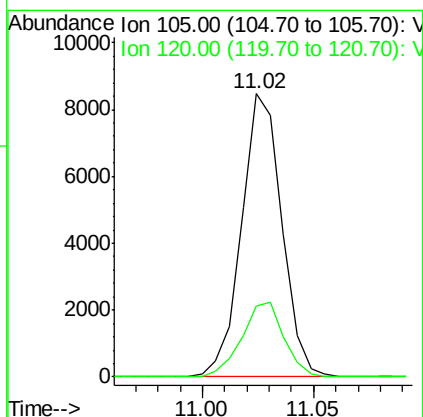
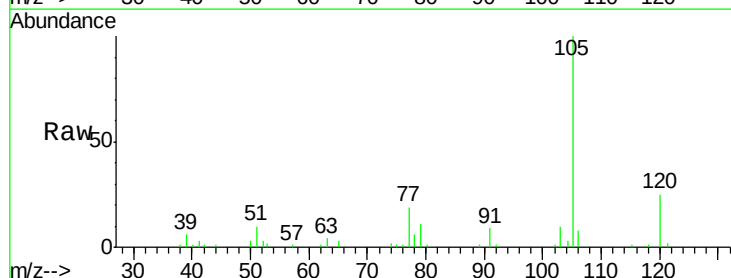
Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

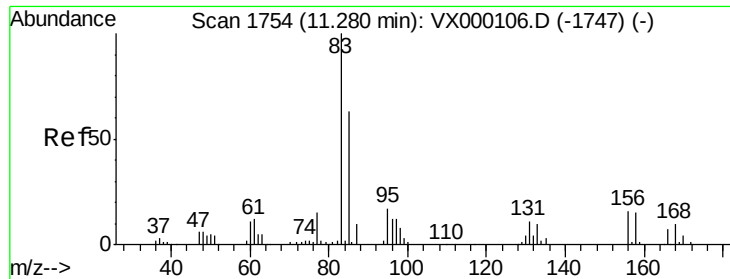
Tgt Ion:104 Resp: 6476
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.4
103 55.0 44.7 67.1



#70
Isopropylbenzene
Concen: 2.00 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion:105 Resp: 10688
Ion Ratio Lower Upper
105 100
120 27.8 18.8 35.0

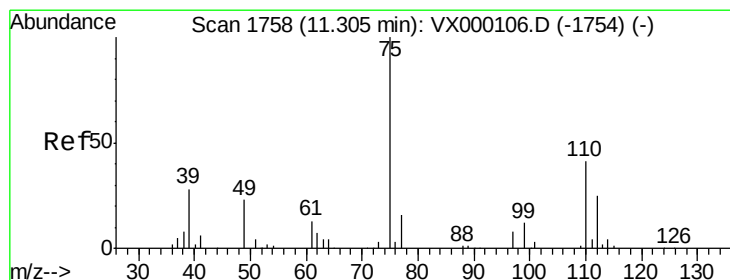
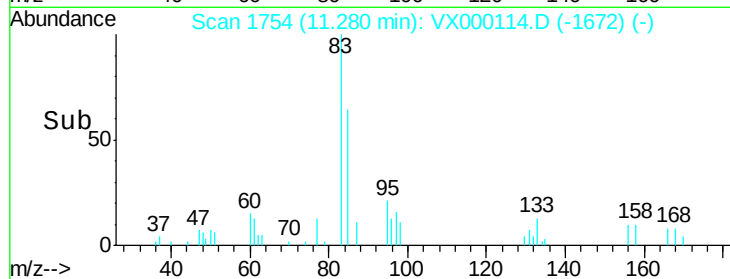
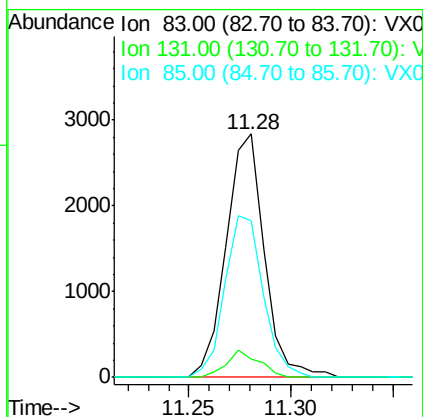
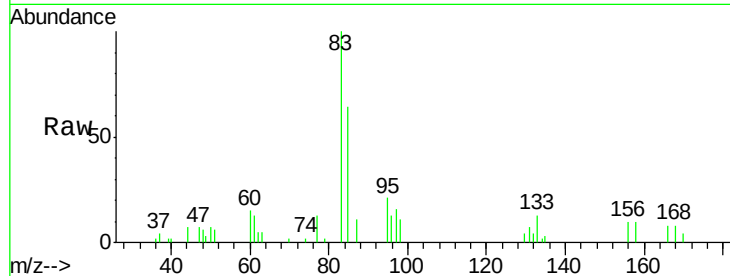




#71
 1,1,2,2-Tetrachloroethane
 Concen: 1.99 ug/l
 RT: 11.28 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

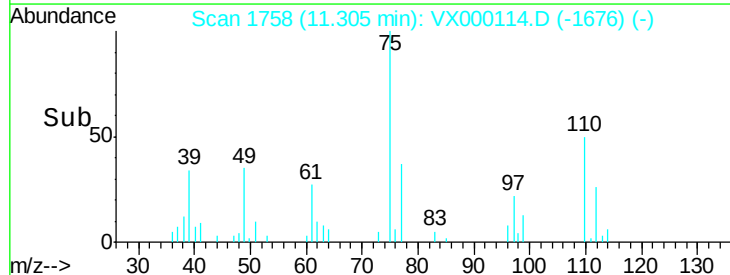
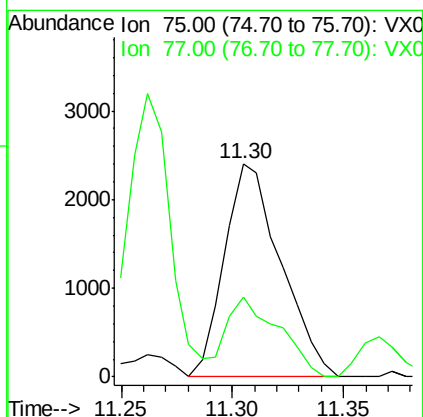
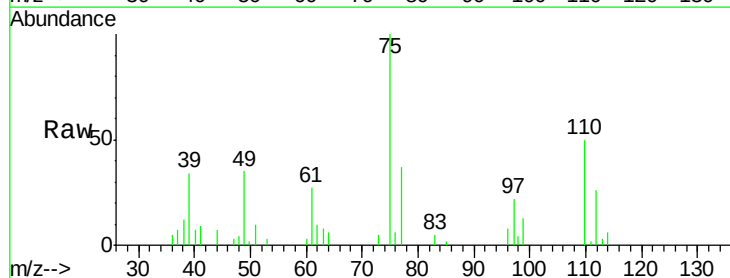
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

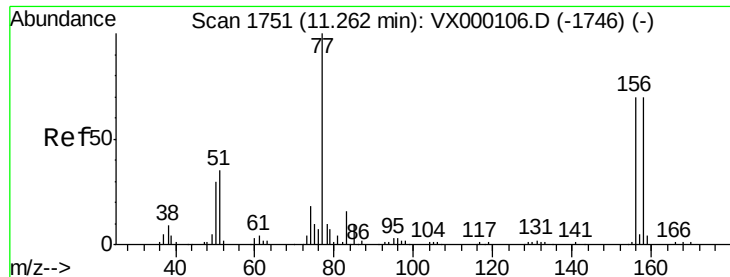
Tgt Ion: 83 Resp: 3668
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.3 16.1
 85 67.1 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 2.56 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion: 75 Resp: 4234
 Ion Ratio Lower Upper
 75 100
 77 35.3 0.0 85.8





#73

Bromobenzene

Concen: 2.15 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

MDL01 2PPB

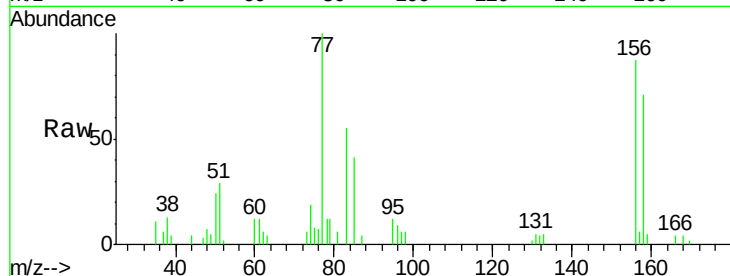
Tgt Ion:156 Resp: 3014

Ion Ratio Lower Upper

156 100

77 140.8 0.0 280.2

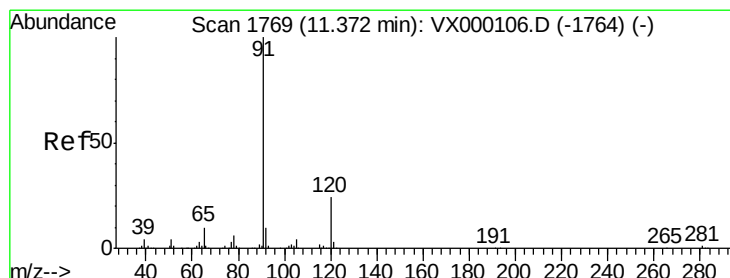
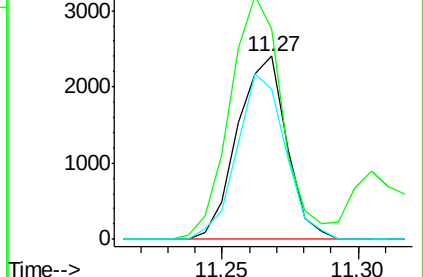
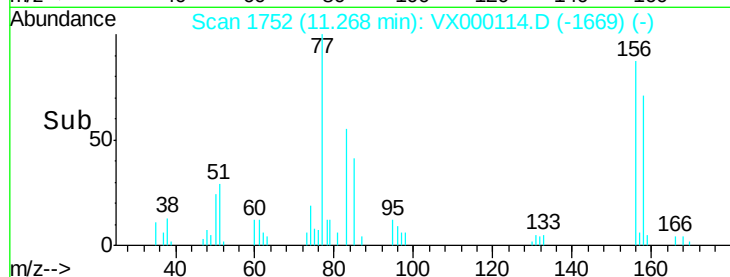
158 89.4 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 2.07 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000114.D

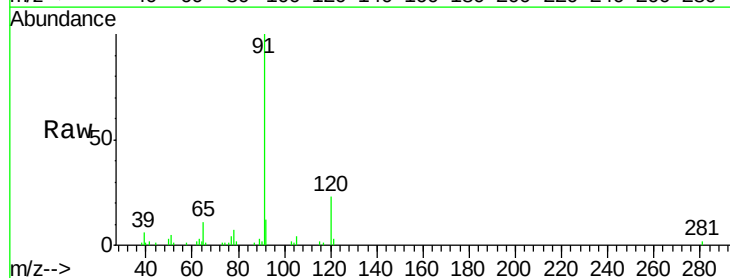
Acq: 20 Feb 2018 18:21

Tgt Ion: 91 Resp: 13003

Ion Ratio Lower Upper

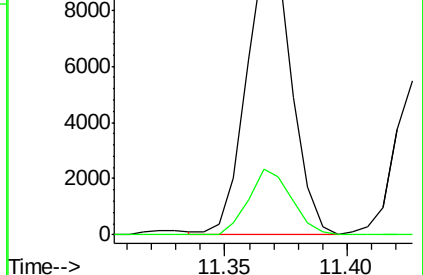
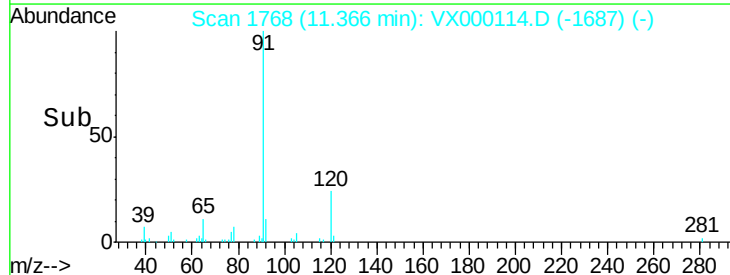
91 100

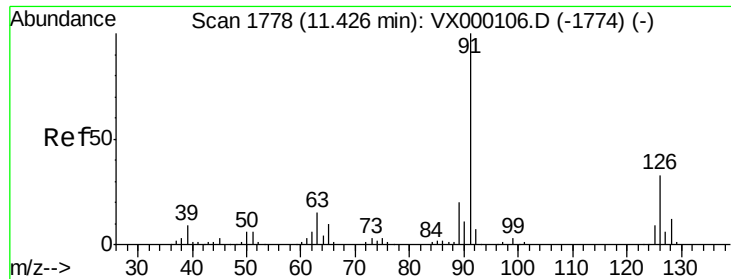
120 21.8 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 2.05 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

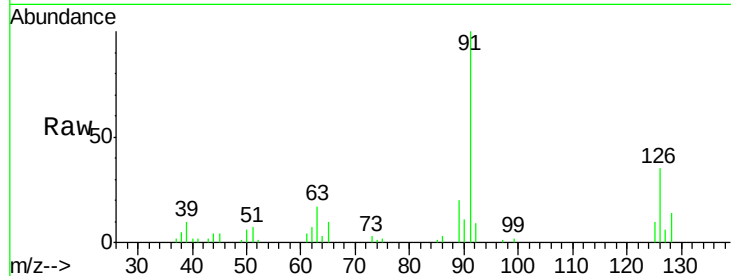
MDL01 2PPB

Tgt Ion: 91 Resp: 7409

Ion Ratio Lower Upper

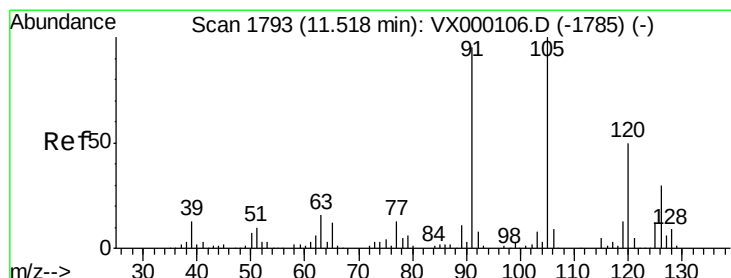
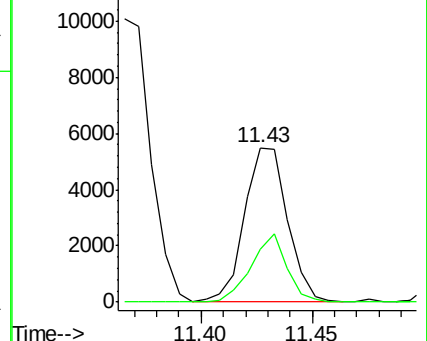
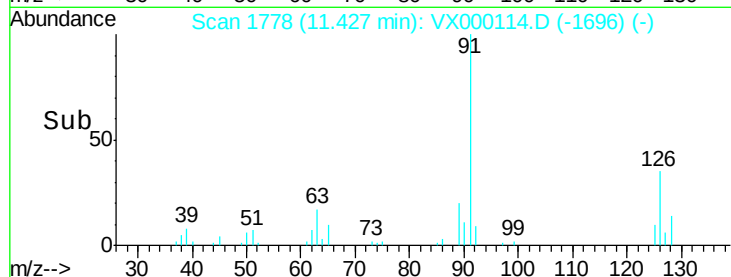
91 100

126 37.0 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 1.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000114.D

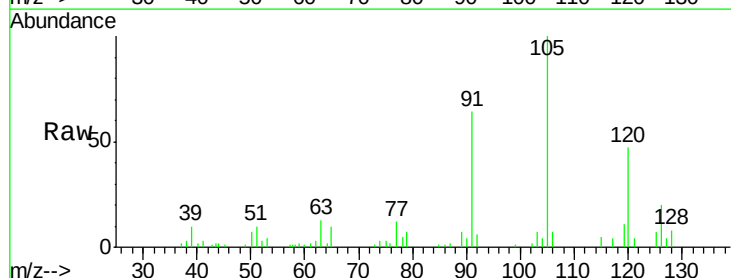
Acq: 20 Feb 2018 18:21

Tgt Ion: 105 Resp: 9031

Ion Ratio Lower Upper

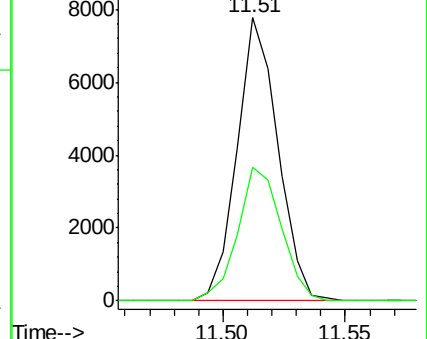
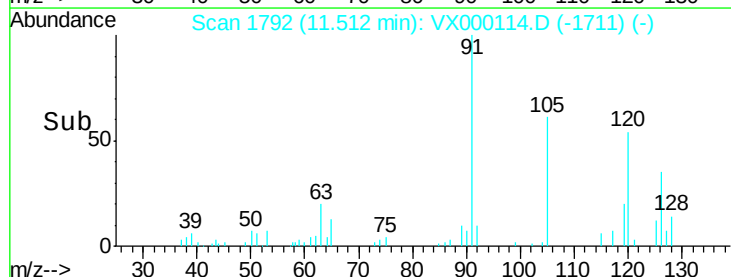
105 100

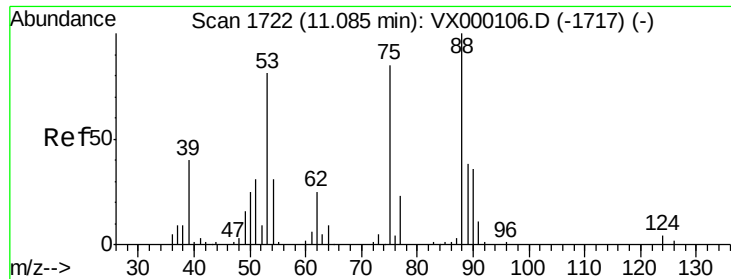
120 50.4 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

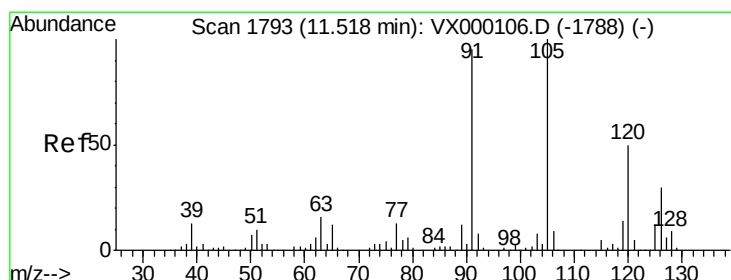
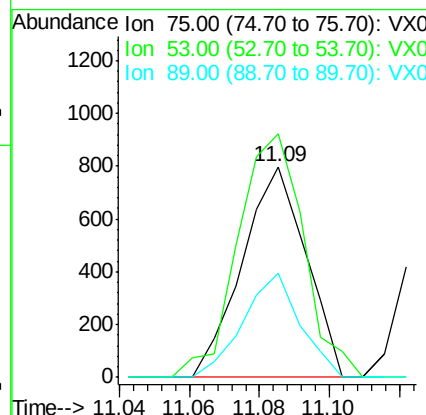
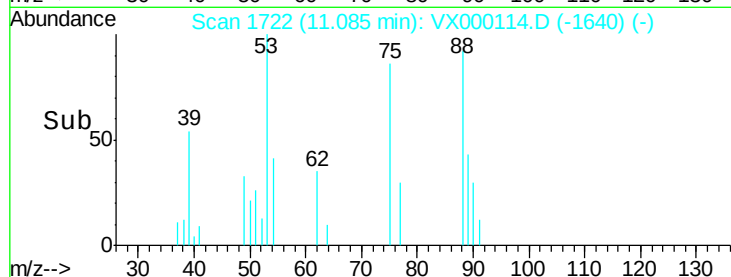
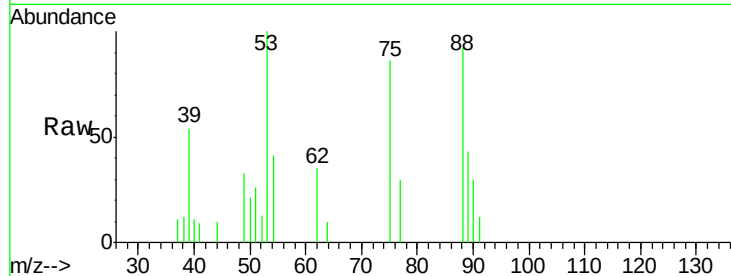




#77
t-1,4-Dichloro-2-butene
Concen: 1.73 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

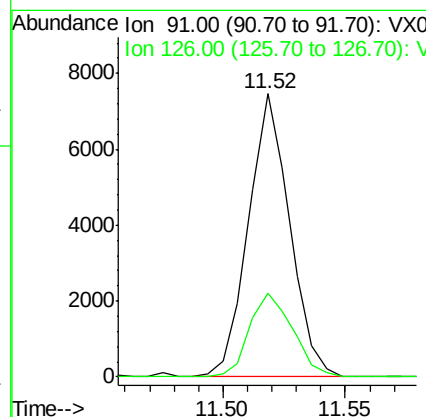
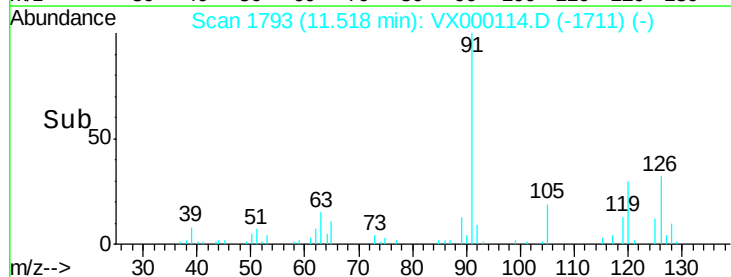
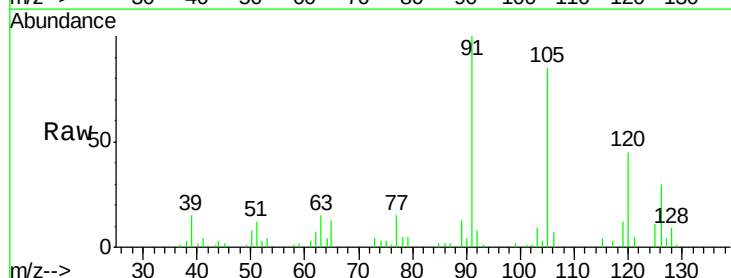
Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

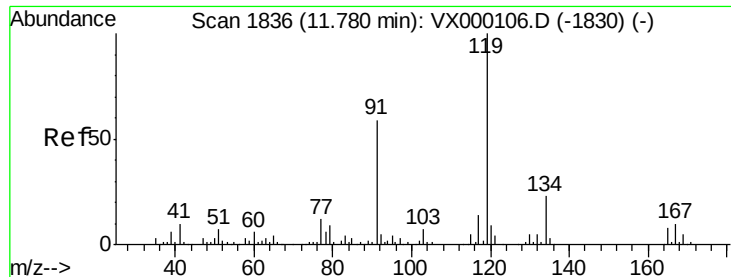
Tgt Ion: 75 Resp: 1011
Ion Ratio Lower Upper
75 100
53 106.5 47.8 143.3
89 49.6 22.3 66.8



#78
4-Chlorotoluene
Concen: 2.03 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 91 Resp: 8781
Ion Ratio Lower Upper
91 100
126 31.0 0.0 63.4

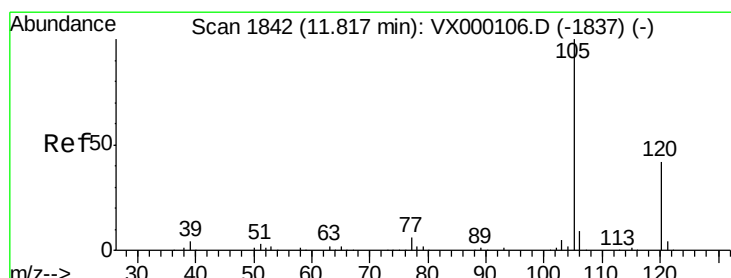
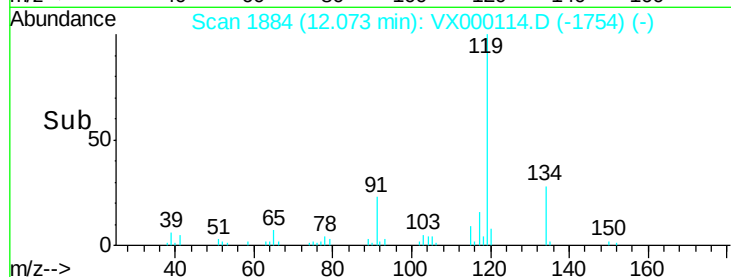
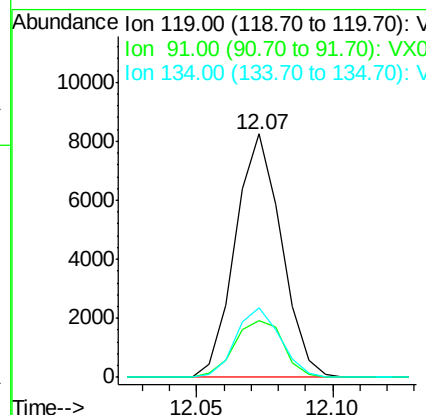
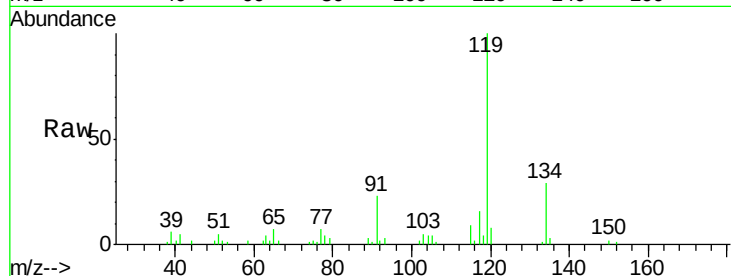




#79
tert-butylbenzene
Concen: 2.15 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.29 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

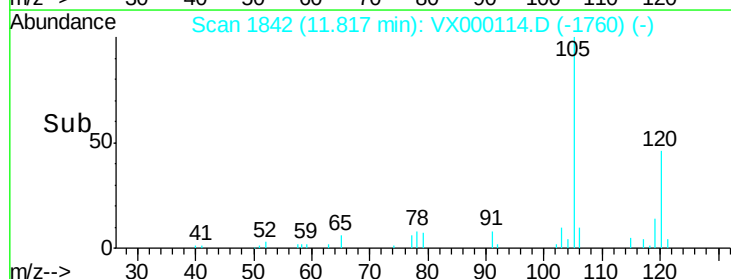
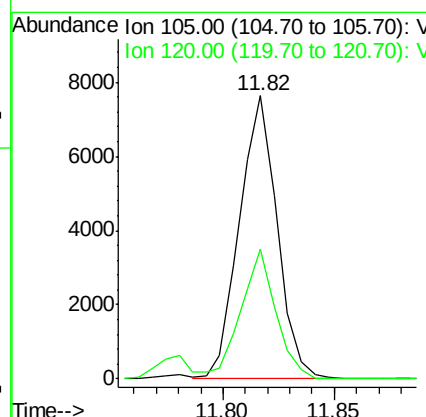
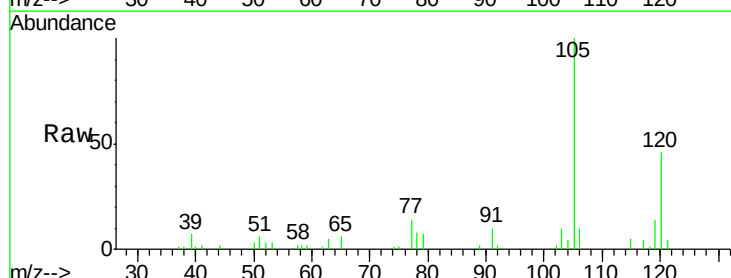
Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

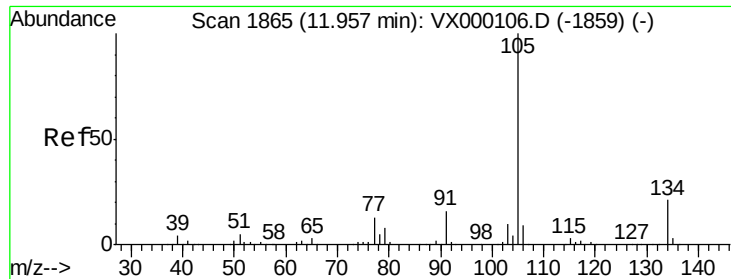
Tgt Ion:119 Resp: 9705
Ion Ratio Lower Upper
119 100
91 24.9 0.0 51.6
134 27.6 0.0 60.2



#80
1,2,4-Trimethylbenzene
Concen: 1.95 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion:105 Resp: 9032
Ion Ratio Lower Upper
105 100
120 42.2 0.0 93.0

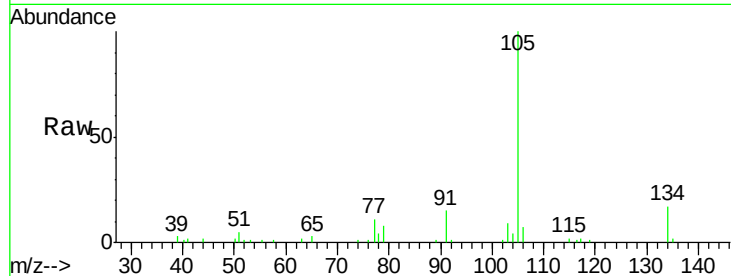




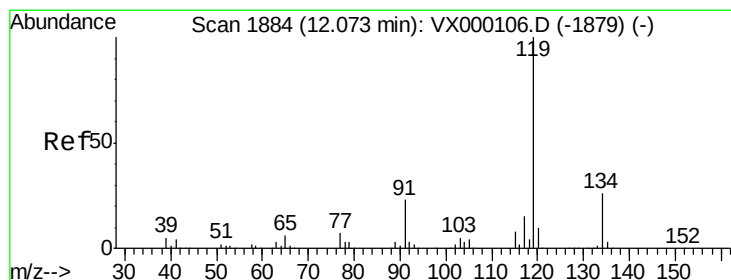
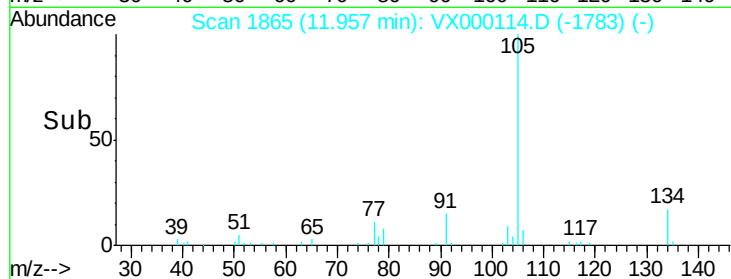
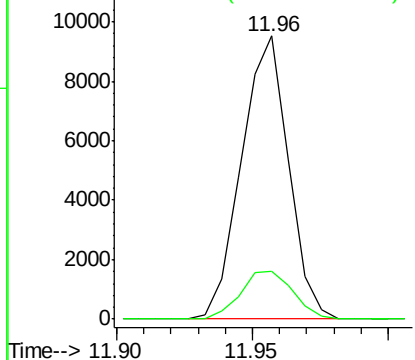
#81
 sec-Butylbenzene
 Concen: 2.04 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01 2PPB

Tgt Ion:105 Resp: 11378
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 41.8

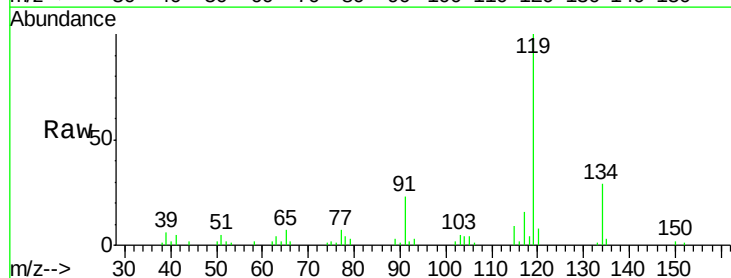


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

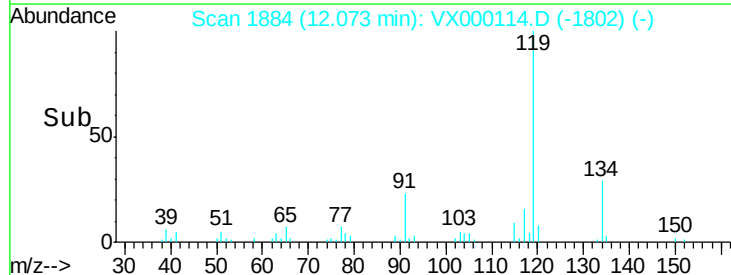
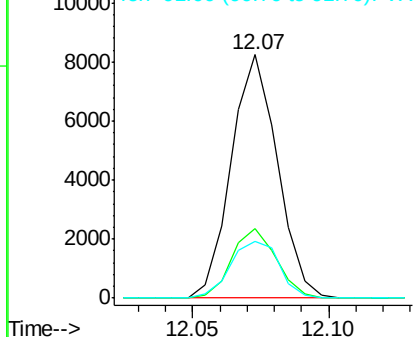


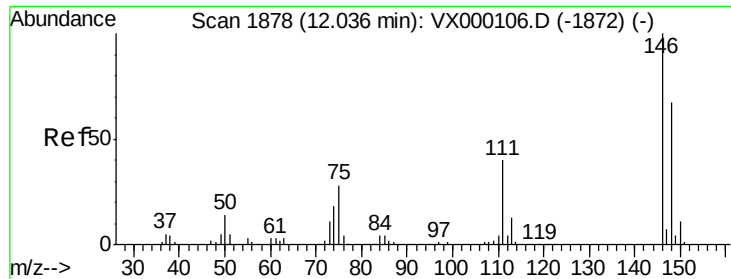
#82
 p-Isopropyltoluene
 Concen: 1.95 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion:119 Resp: 9705
 Ion Ratio Lower Upper
 119 100
 134 27.6 0.0 54.4
 91 24.9 0.0 46.6



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

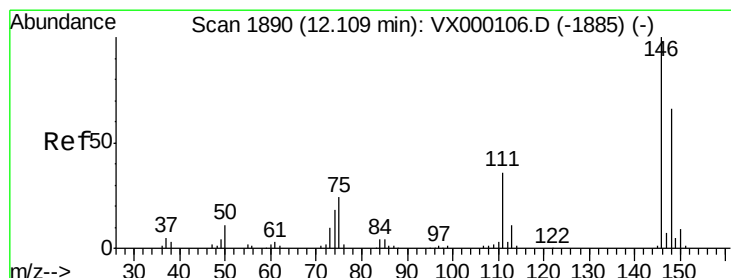
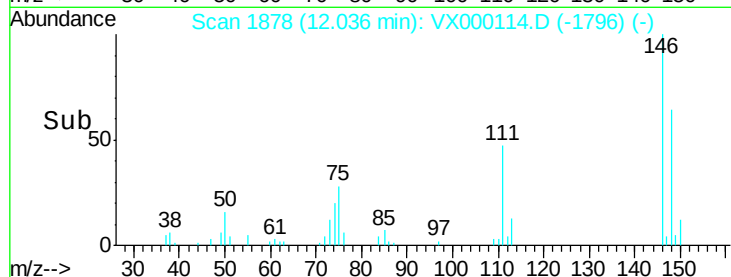
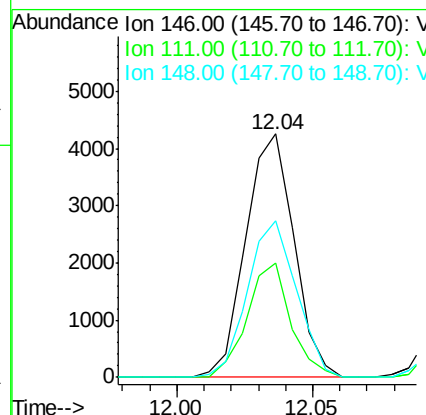
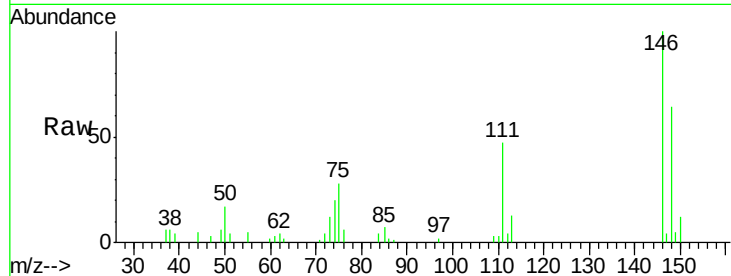




#83
 1,3-Dichlorobenzene
 Concen: 1.96 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

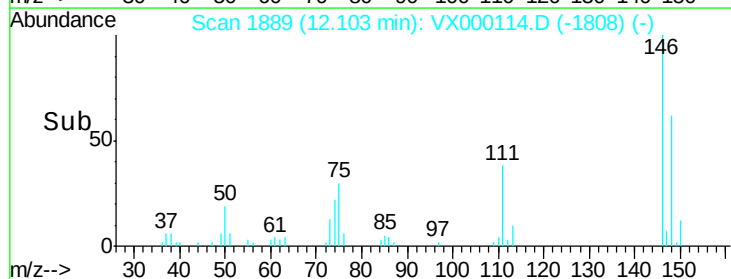
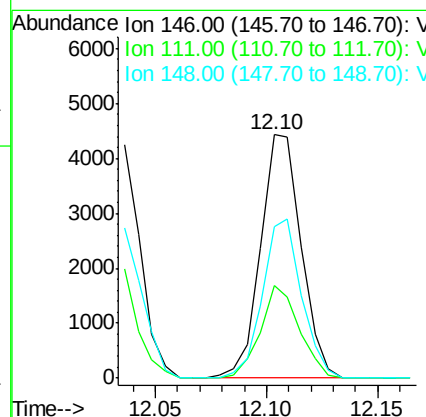
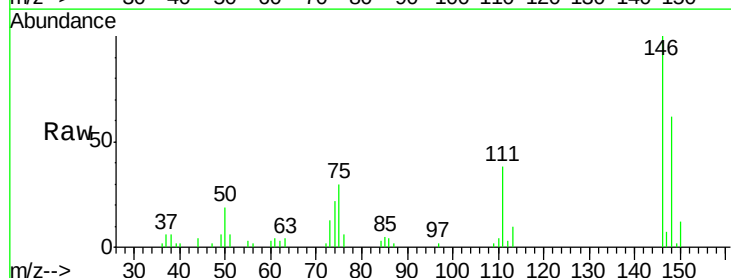
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01 2PPB

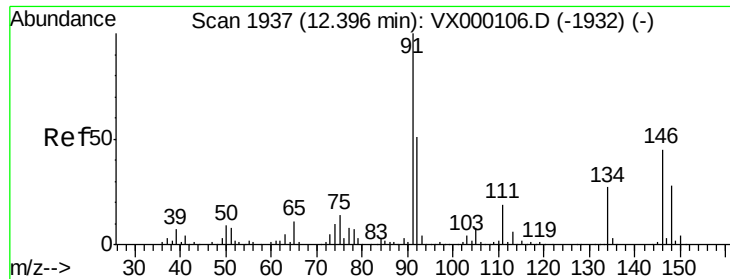
Tgt Ion:146 Resp: 5243
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.4 58.2
 148 65.3 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 2.02 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion:146 Resp: 5622
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.0
 148 63.1 31.9 95.7

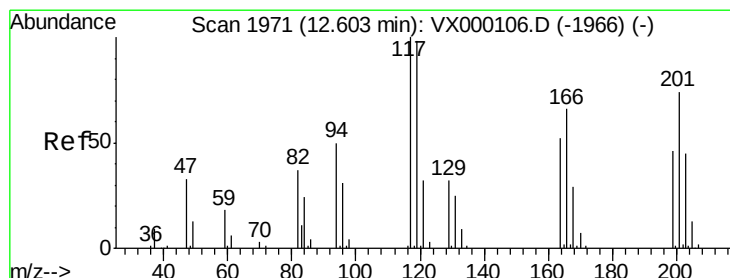
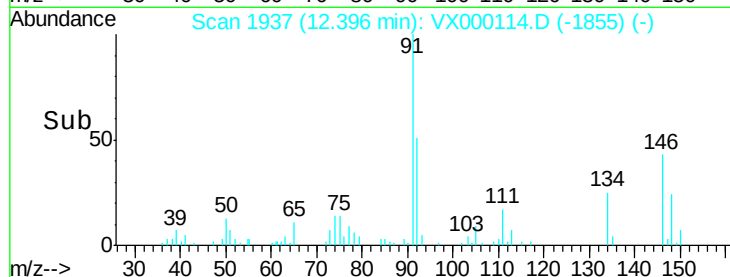
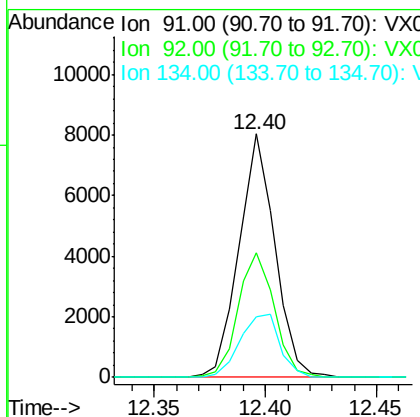
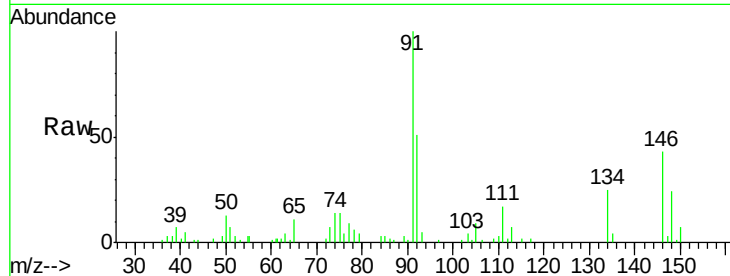




#85
n-Butylbenzene
Concen: 1.94 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

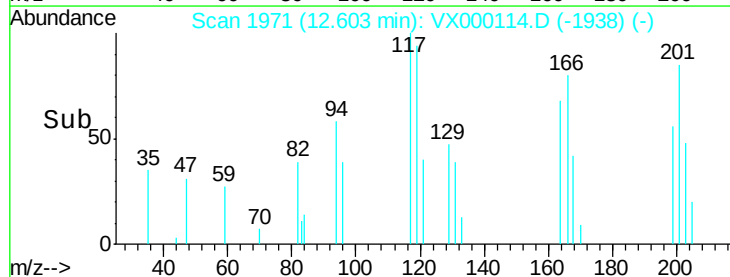
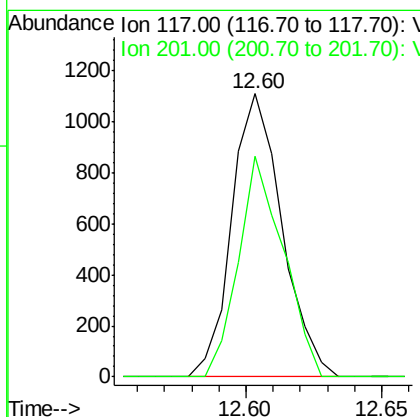
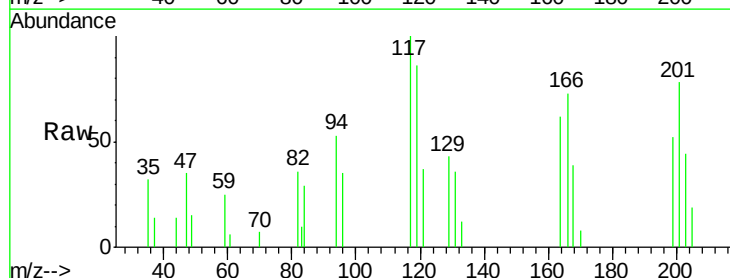
Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

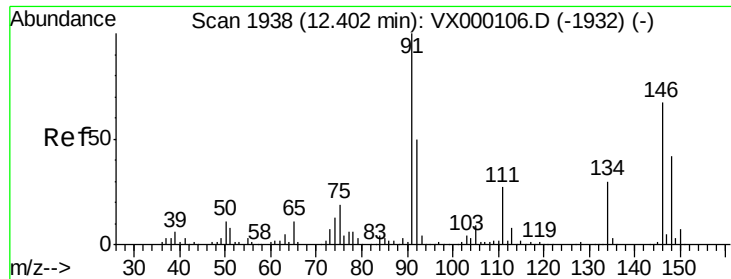
Tgt Ion: 91 Resp: 9067
Ion Ratio Lower Upper
91 100
92 51.7 0.0 102.0
134 28.5 0.0 54.2



#86
Hexachloroethane
Concen: 1.70 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 117 Resp: 1417
Ion Ratio Lower Upper
117 100
201 69.8 38.9 116.6

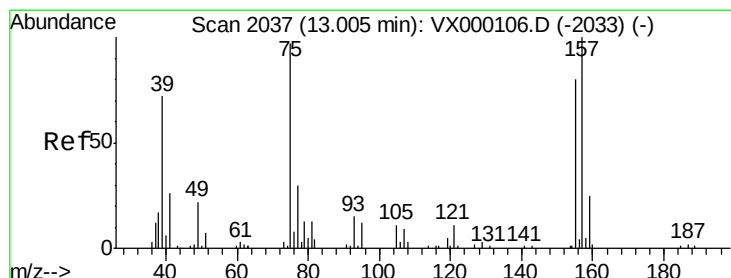
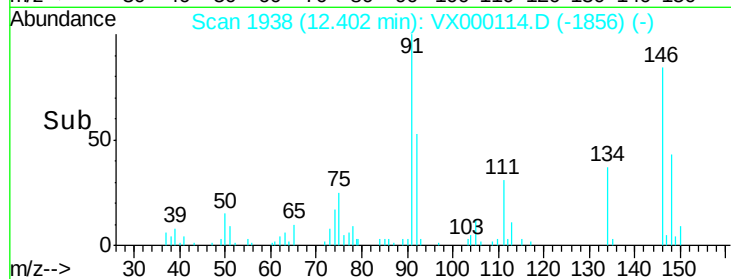
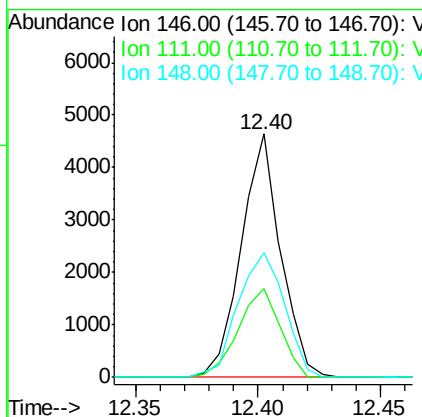
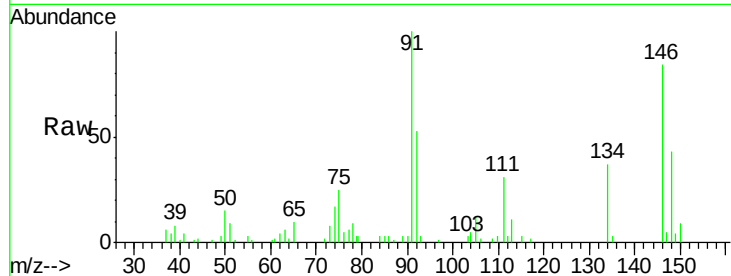




#87
 1,2-Dichlorobenzene
 Concen: 1.97 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

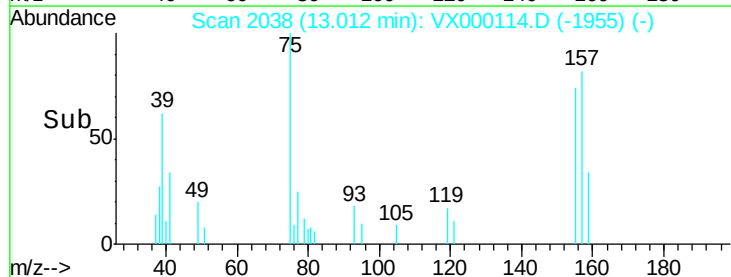
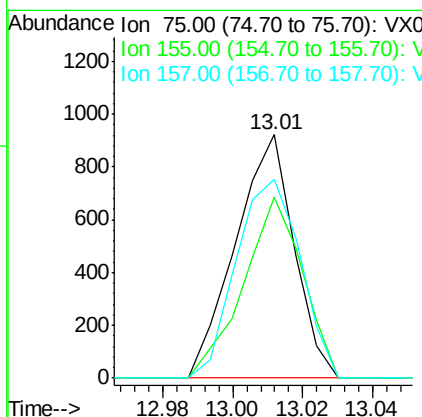
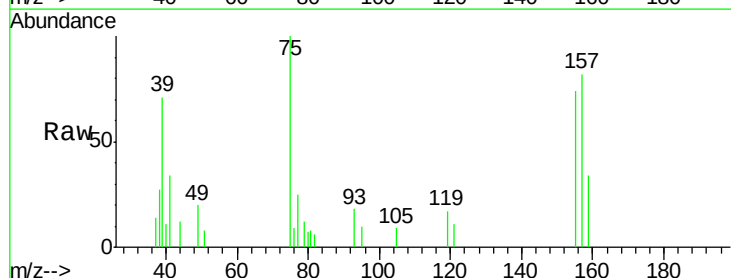
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

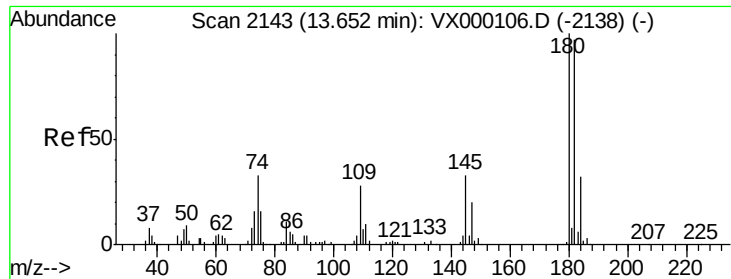
Tgt Ion: 146 Resp: 5228
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.0 60.0
 148 60.5 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.07 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion: 75 Resp: 1067
 Ion Ratio Lower Upper
 75 100
 155 75.0 75.1 112.7#
 157 89.4 99.0 148.4#

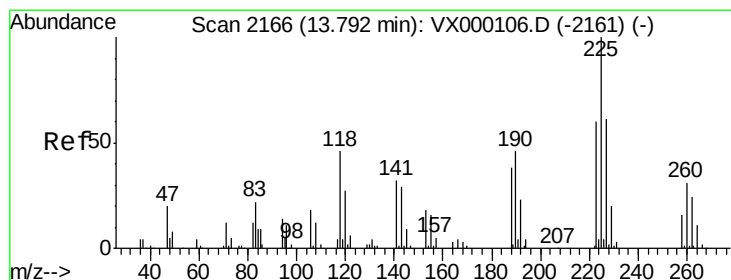
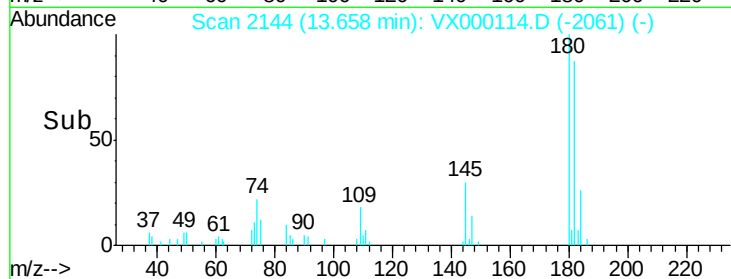
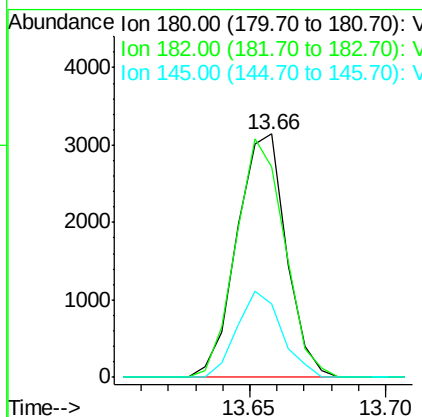
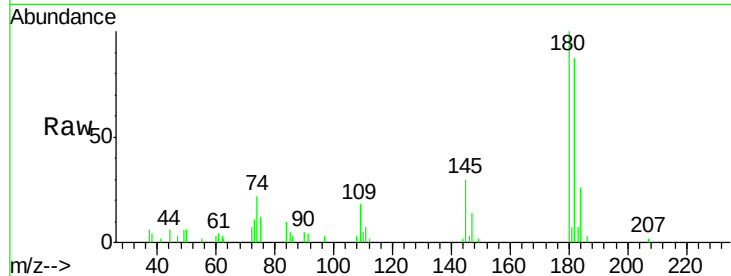




#89
 1,2,4-Trichlorobenzene
 Concen: 2.03 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

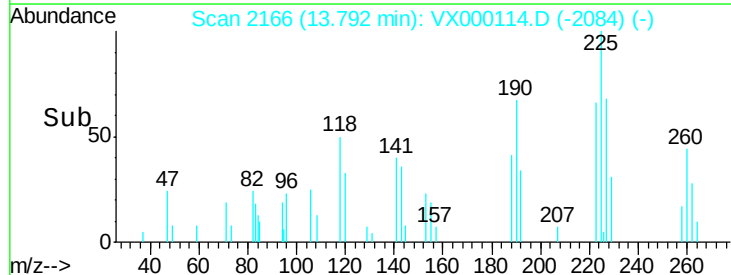
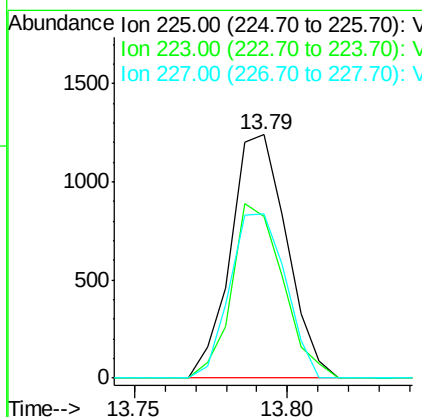
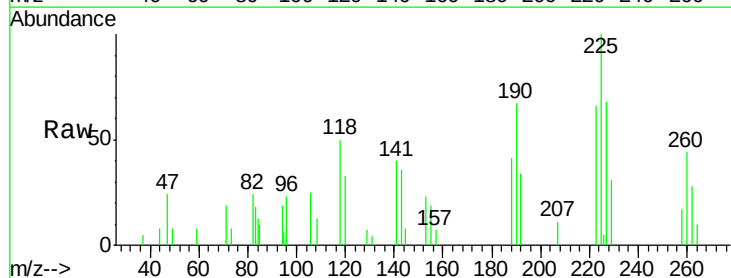
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

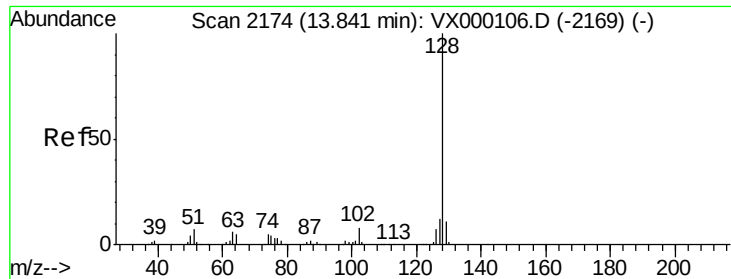
Tgt Ion:180 Resp: 3950
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.3 114.5
 145 32.1 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 1.88 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion:225 Resp: 1578
 Ion Ratio Lower Upper
 225 100
 223 65.3 0.0 131.2
 227 66.5 0.0 127.6

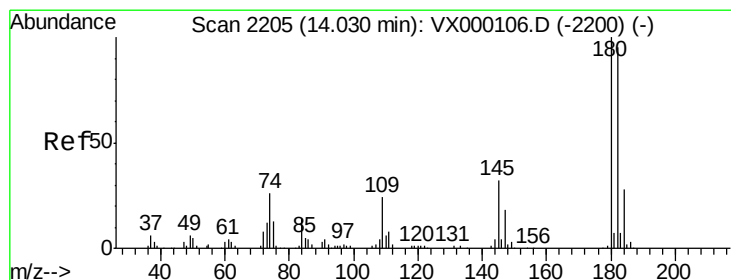
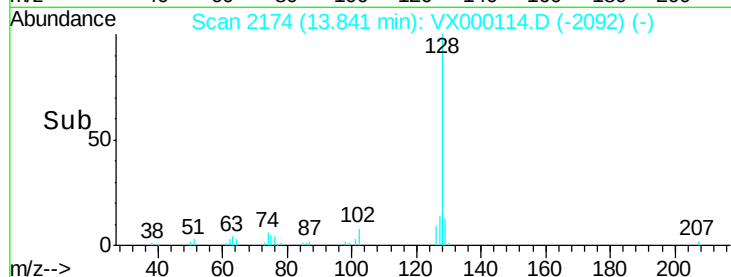
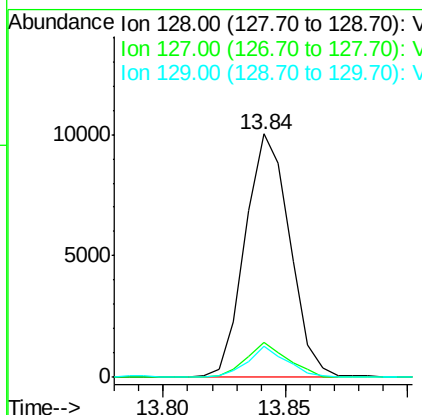
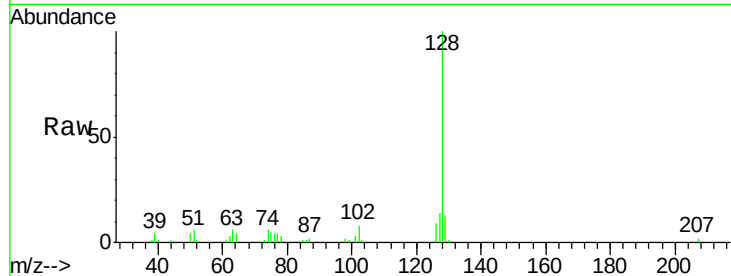




#91
Naphthalene
Concen: 1.88 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

Tgt Ion:128 Resp: 12799
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.2 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 1.79 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion:180 Resp: 3490
Ion Ratio Lower Upper
180 100
182 101.6 0.0 188.6
145 34.2 0.0 65.8

