

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022018\
 Data File : VX000115.D
 Acq On : 20 Feb 2018 18:46
 Operator : JC/MD
 Sample : MDL02 2PPB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Quant Time: Feb 21 06:19:32 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	16170	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	95489	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	89717	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	38669	30.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.00%
60) 4-Bromofluorobenzene	11.15	95	43257	29.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.23%
63) Toluene-d8	8.73	98	117879	30.67	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.23%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2052	2.04	ug/l	96
3) Chloromethane	1.32	50	2254	2.24	ug/l	89
4) Vinyl Chloride	1.40	62	2660	2.22	ug/l	97
5) Bromomethane	1.64	94	2782	2.52	ug/l	91
6) Chloroethane	1.73	64	1815	2.37	ug/l	94
7) Trichlorofluoromethane	1.93	101	4605	2.22	ug/l	100
8) Diethyl Ether	2.20	74	1584	2.19	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2309	2.04	ug/l	94
10) 1,1-Dichloroethene	2.37	96	2510	2.32	ug/l	97
11) Methyl Iodide	2.52	142	1653	1.57	ug/l	97
12) Methyl Acetate	2.78	43	4469	2.31	ug/l	98
13) Acrolein	2.30	56	2564	11.04	ug/l	85
14) Acrylonitrile	3.16	53	9120	10.90	ug/l	98
15) Acetone	2.45	58	2863	10.50	ug/l	82
16) Carbon Disulfide	2.57	76	6616	2.14	ug/l #	95
17) Allyl chloride	2.73	41	3957	2.15	ug/l	89
18) Methylene Chloride	2.87	84	3029	2.57	ug/l #	80
19) trans-1,2-Dichloroethene	3.17	96	2451	2.09	ug/l	98
20) Diisopropyl ether	3.89	45	5765	1.98	ug/l #	92
21) 1,1-Dichloroethane	3.70	63	3986	2.08	ug/l #	93
22) cis-1,2-Dichloroethene	4.61	96	2317	2.12	ug/l	95
23) tert-Butyl Alcohol	3.09	59	5172	10.82	ug/l #	100
24) Methyl tert-Butyl Ether	3.23	73	8117	2.18	ug/l	93
25) Chloroform	5.23	83	3844	2.02	ug/l	85
26) Cyclohexane	5.57	56	1257	0.84	ug/l #	1
29) 1,1-Dichloropropene	5.81	75	2788	2.00	ug/l	85
30) 2-Butanone	4.73	43	11067	10.34	ug/l #	80
31) 2,2-Dichloropropane	4.59	77	2877	1.92	ug/l #	63
32) 1,1,1-Trichloroethane	5.51	97	1706	1.01	ug/l #	23
33) Carbon Tetrachloride	5.78	117	1663	1.11	ug/l	93
34) Benzene	6.16	78	8281	2.07	ug/l	95
35) Methacrylonitrile	5.07	41	1273	1.29	ug/l	84
36) 1,2-Dichloroethane	6.21	62	3086	2.03	ug/l #	86
37) Trichloroethene	7.23	130	2313	1.96	ug/l	87
38) Methylcyclohexane	7.47	83	3462	2.08	ug/l	97
39) 1,2-Dichloropropane	7.52	63	2059	2.06	ug/l #	88
40) Dibromomethane	7.68	93	1591	2.07	ug/l	92

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 MDL02 2PPB

Quant Time: Feb 21 06:19:32 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	2800	1.91	ug/l	96
42) Vinyl Acetate	3.84	43	25689	9.42	ug/l	100
43) Ethyl Acetate	4.88	43	4136	2.20	ug/l #	77
44) Isopropyl Acetate	6.49	43	5795	2.10	ug/l	96
45) 1,4-Dioxane	7.78	88	1454	41.91	ug/l #	34
46) Methyl methacrylate	7.79	41	2755	2.05	ug/l	96
47) n-amyl Acetate	10.91	43	4568	1.90	ug/l	100
48) t-1,3-Dichloropropene	8.45	75	2813	1.65	ug/l #	79
49) cis-1,3-Dichloropropene	9.05	75	3013	1.82	ug/l	96
50) 1,1,2-Trichloroethane	9.23	97	2205	1.95	ug/l	89
51) Ethyl methacrylate	9.19	69	3299	1.91	ug/l	96
52) 1,3-Dichloropropane	9.38	76	3696	2.04	ug/l	97
53) Dibromochloromethane	9.59	129	2115	1.68	ug/l	93
54) 1,2-Dibromoethane	9.68	107	2280	1.81	ug/l	92
55) 2-Chloroethyl vinyl ether	8.32	63	8043	10.64	ug/l	98
56) Bromoform	10.87	173	1497	1.47	ug/l	98
58) 4-Methyl-2-Pentanone	8.66	43	20298	10.33	ug/l	98
59) 2-Hexanone	9.51	43	16450	9.89	ug/l	97
61) Tetrachloroethene	9.34	164	2013	1.85	ug/l	89
62) Toluene	8.79	91	9497	2.03	ug/l	98
64) Chlorobenzene	10.15	112	6359	2.02	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	1935	1.73	ug/l	94
66) Ethyl Benzene	10.26	91	10608	1.99	ug/l	98
67) m/p-Xylenes	10.37	106	8250	3.95	ug/l	97
68) o-Xylene	10.71	106	3910	1.93	ug/l	99
69) Styrene	10.72	104	6142	1.83	ug/l	98
70) Isopropylbenzene	11.03	105	10546	1.92	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	3614	1.92	ug/l	97
72) 1,2,3-Trichloropropane	11.30	75	4115	2.43	ug/l	87
73) Bromobenzene	11.26	156	2565	1.78	ug/l	87
74) n-propylbenzene	11.37	91	12722	1.98	ug/l	97
75) 2-Chlorotoluene	11.43	91	7230	1.96	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	8694	1.87	ug/l	66
77) t-1,4-Dichloro-2-butene	11.09	75	960	1.60	ug/l	98
78) 4-Chlorotoluene	11.52	91	8252	1.86	ug/l	99
79) tert-butylbenzene	12.07	119	9175	1.98	ug/l	97
80) 1,2,4-Trimethylbenzene	11.82	105	8870	1.87	ug/l	98
81) sec-Butylbenzene	11.96	105	11113	1.94	ug/l	96
82) p-Isopropyltoluene	12.07	119	9175	1.80	ug/l	97
83) 1,3-Dichlorobenzene	12.04	146	5257	1.92	ug/l	97
84) 1,4-Dichlorobenzene	12.11	146	5299	1.86	ug/l	98
85) n-Butylbenzene	12.40	91	8580	1.79	ug/l	95
86) Hexachloroethane	12.60	117	1315	1.54	ug/l	82
87) 1,2-Dichlorobenzene	12.40	146	5181	1.91	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	1037	1.97	ug/l #	78
89) 1,2,4-Trichlorobenzene	13.66	180	3608	1.81	ug/l	98
90) Hexachlorobutadiene	13.79	225	1491	1.74	ug/l	91
91) Naphthalene	13.84	128	12645	1.82	ug/l	98
92) 1,2,3-Trichlorobenzene	14.03	180	3523	1.76	ug/l	91

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Quant Time: Feb 21 06:19:32 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

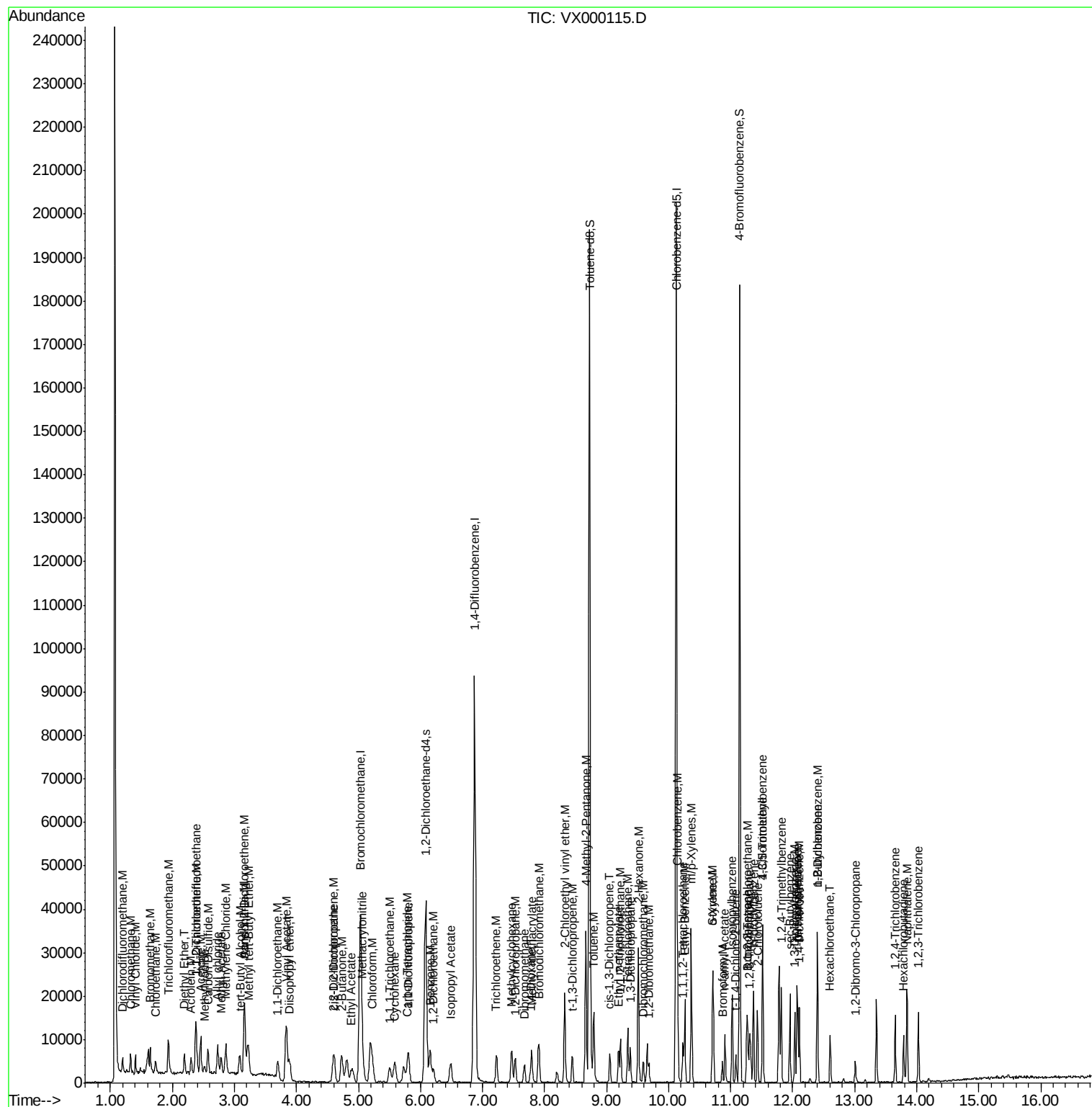
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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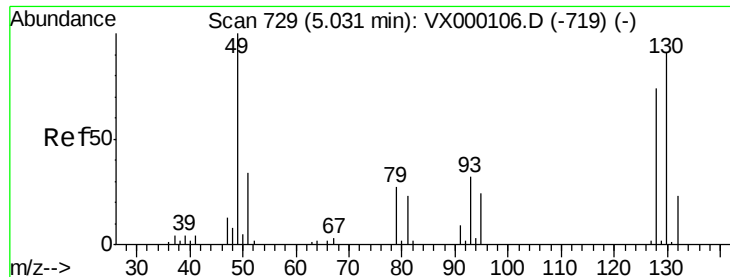
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JC/MD
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Quant Time: Feb 21 06:19:32 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





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

MDL02 2PPB

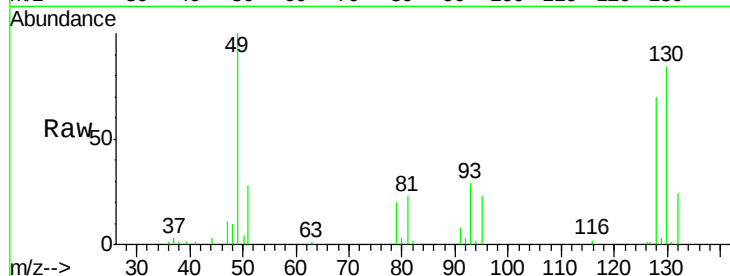
Tgt Ion:128 Resp: 16170

Ion Ratio Lower Upper

128 100

49 149.4 0.0 378.3

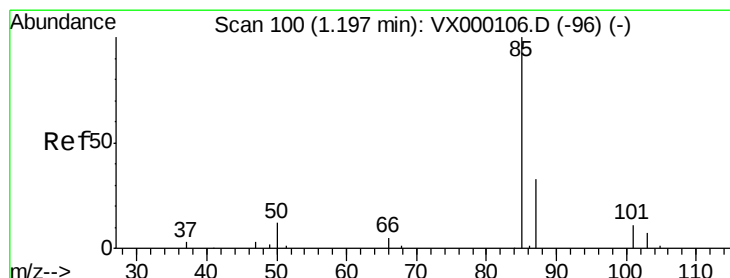
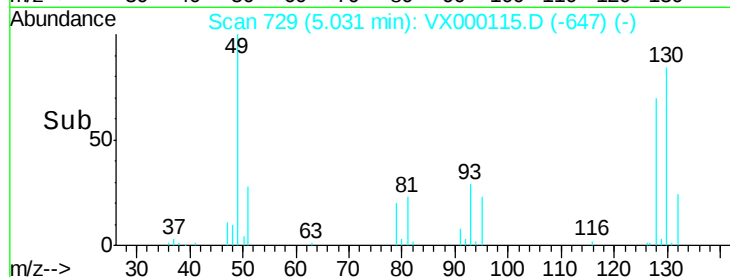
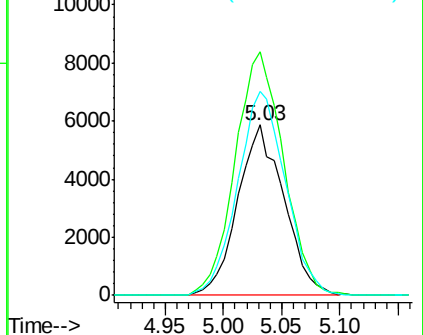
130 124.4 0.0 324.3



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: 2.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000115.D

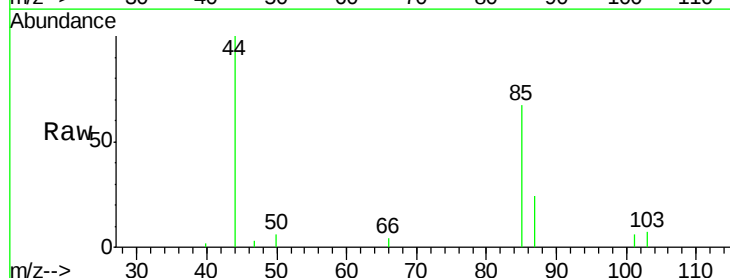
Acq: 20 Feb 2018 18:46

Tgt Ion: 85 Resp: 2052

Ion Ratio Lower Upper

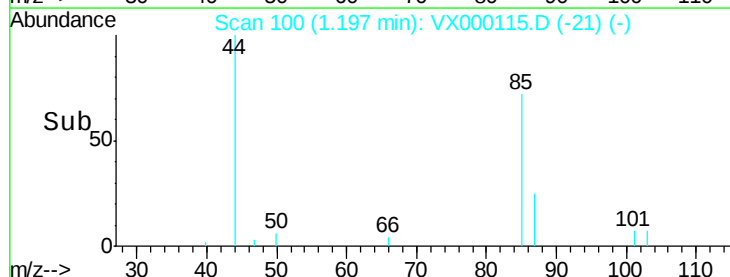
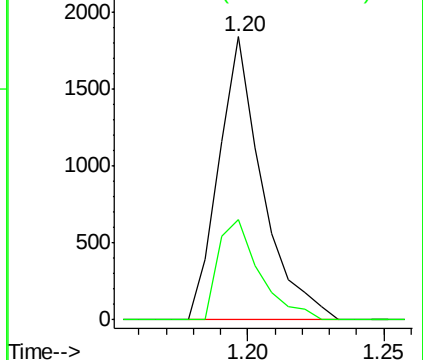
85 100

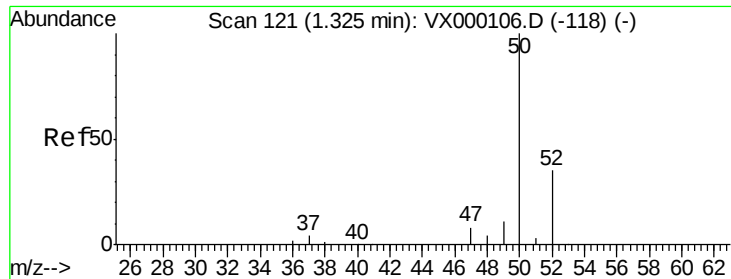
87 35.2 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 2.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

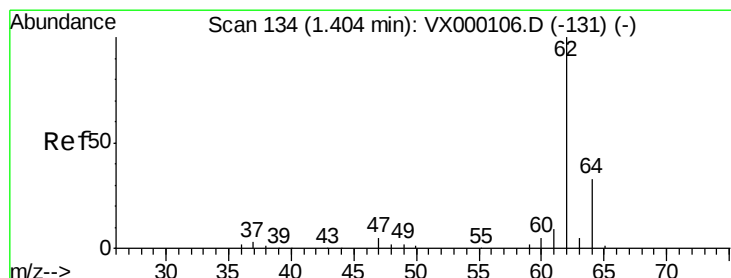
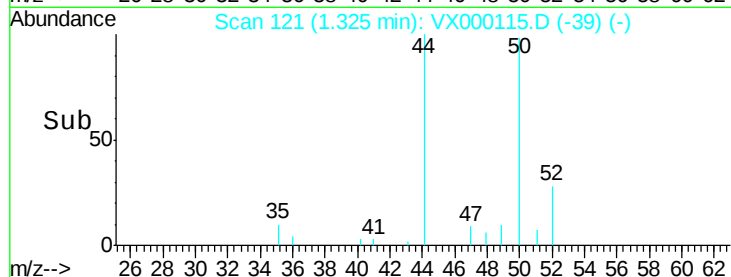
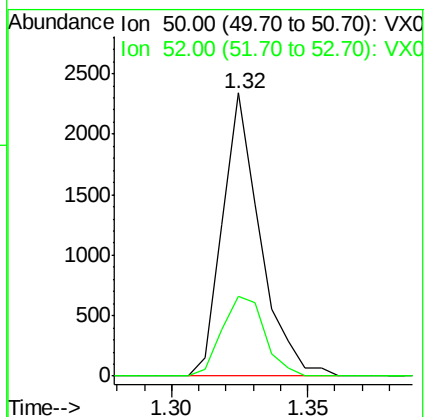
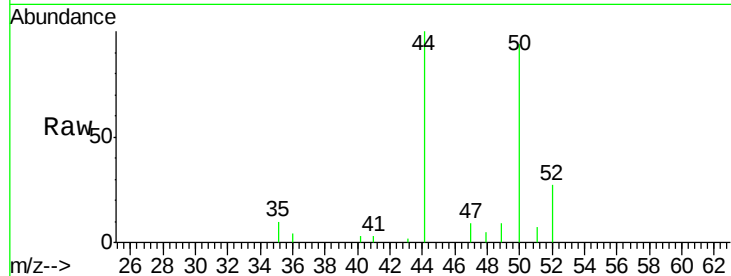
MDL02 2PPB

Tgt Ion: 50 Resp: 2254

Ion Ratio Lower Upper

50 100

52 28.4 27.8 41.6



#4

Vinyl Chloride

Concen: 2.22 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000115.D

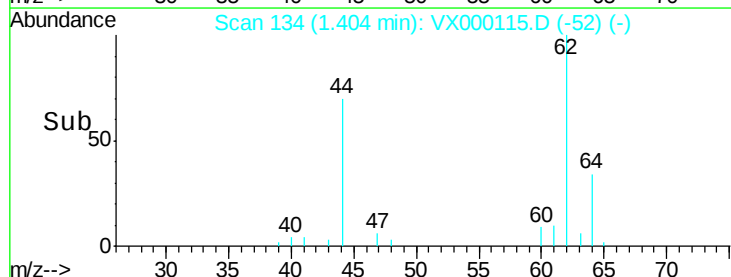
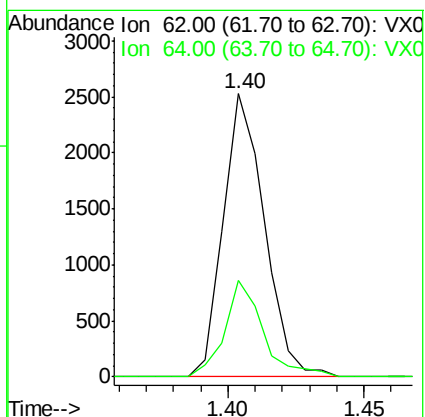
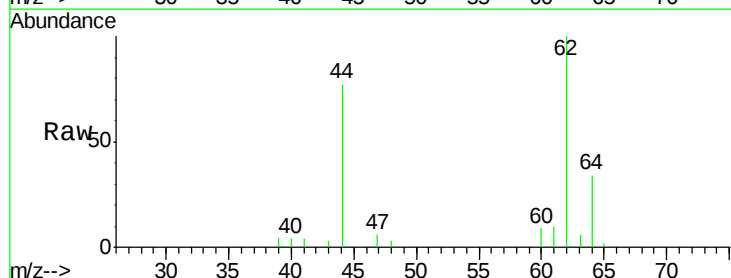
Acq: 20 Feb 2018 18:46

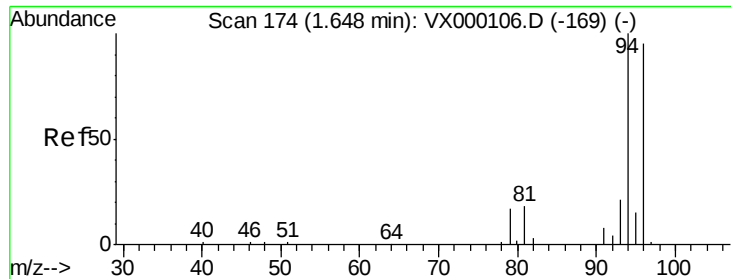
Tgt Ion: 62 Resp: 2660

Ion Ratio Lower Upper

62 100

64 34.1 26.0 39.0





#5

Bromomethane

Concen: 2.52 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

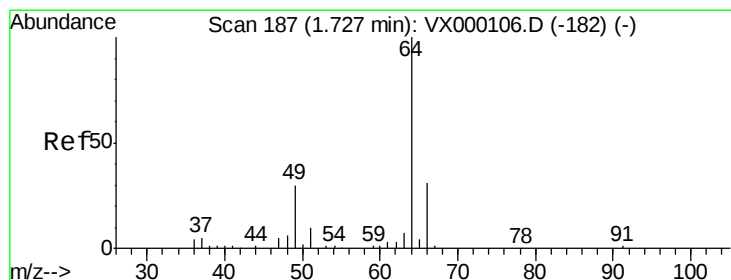
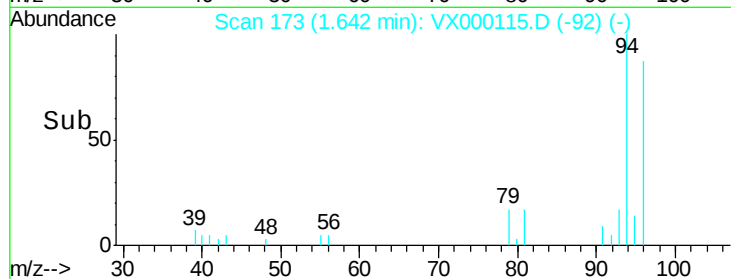
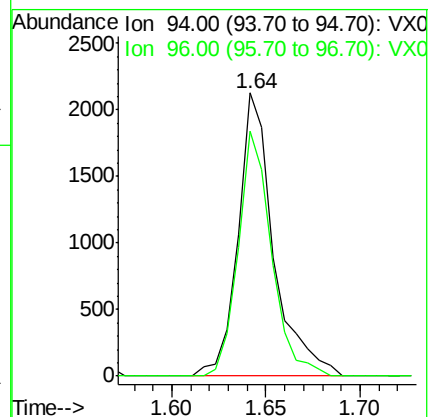
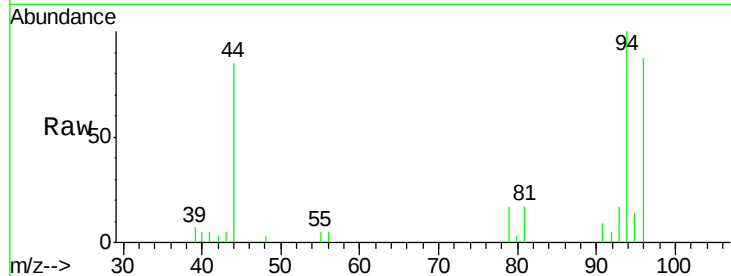
MDL02 2PPB

Tgt Ion: 94 Resp: 2782

Ion Ratio Lower Upper

94 100

96 86.5 76.2 114.2



#6

Chloroethane

Concen: 2.37 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000115.D

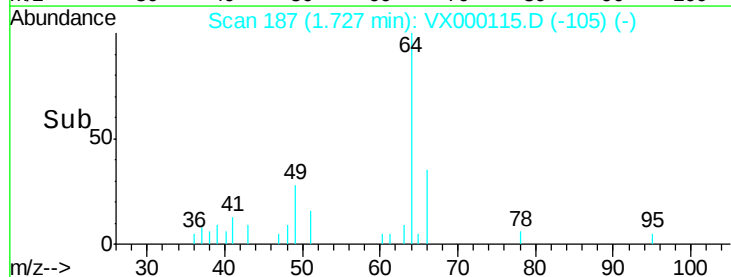
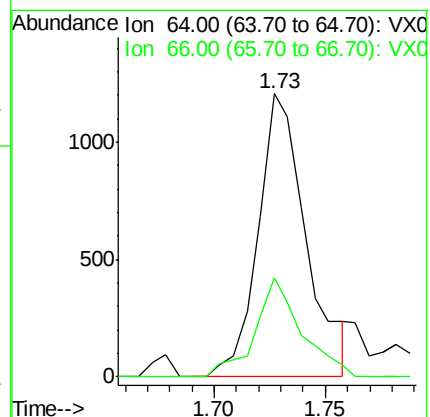
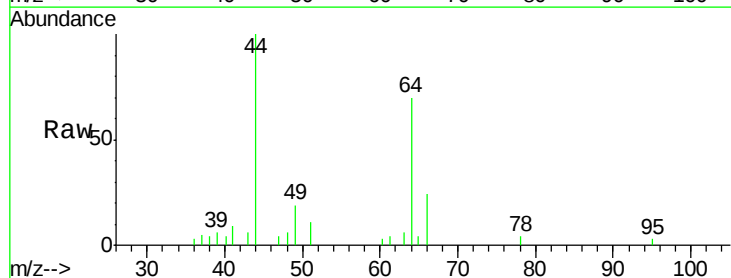
Acq: 20 Feb 2018 18:46

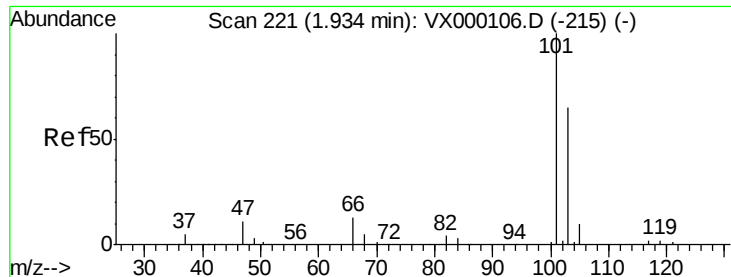
Tgt Ion: 64 Resp: 1815

Ion Ratio Lower Upper

64 100

66 34.9 25.2 37.8



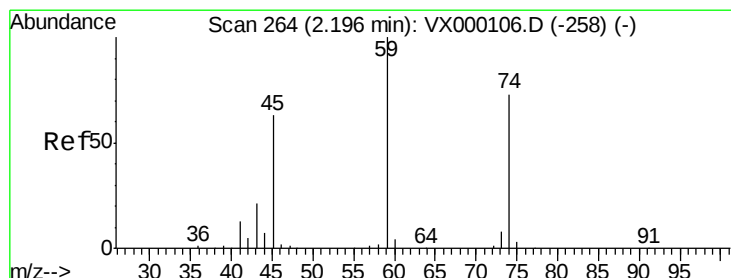
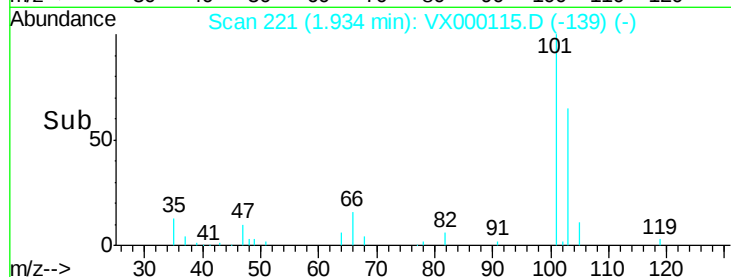
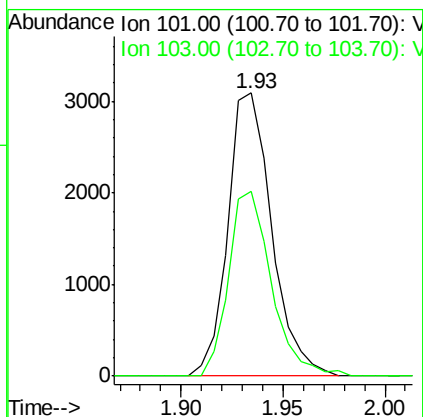
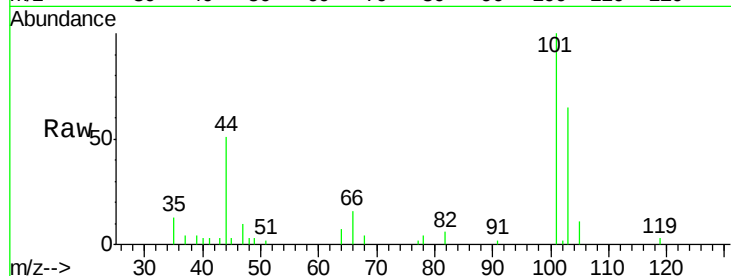


#7

Trichlorofluoromethane
 Concen: 2.22 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

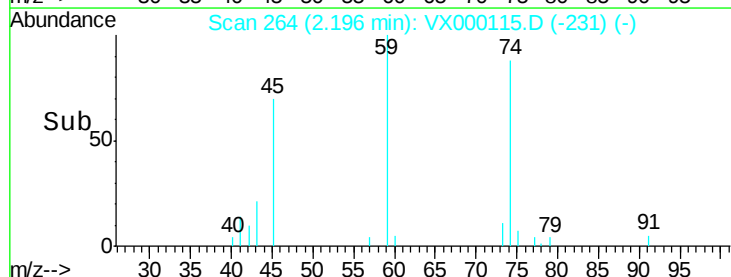
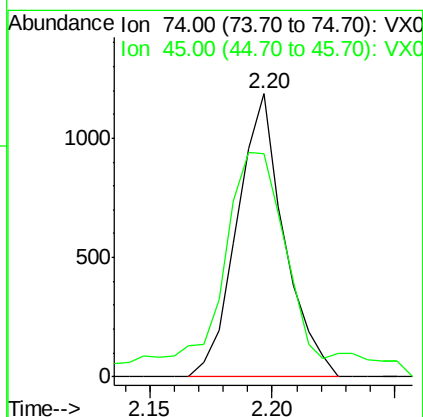
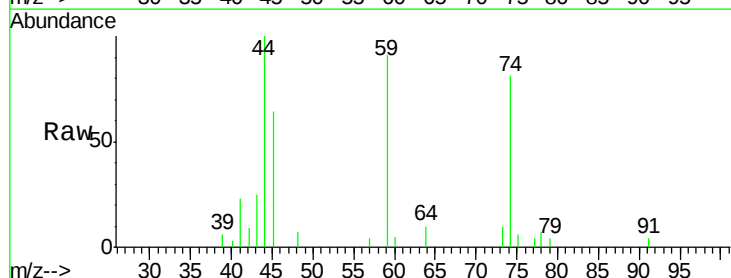
Tgt Ion: 101 Resp: 4605
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.4

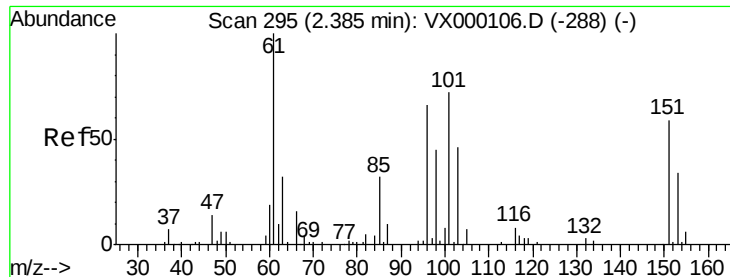


#8

Diethyl Ether
 Concen: 2.19 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 74 Resp: 1584
 Ion Ratio Lower Upper
 74 100
 45 93.8 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.04 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

MDL02 2PPB

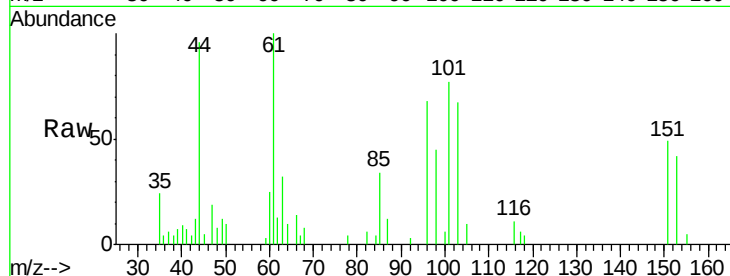
Tgt Ion: 101 Resp: 2309

Ion Ratio Lower Upper

101 100

85 49.3 0.0 90.4

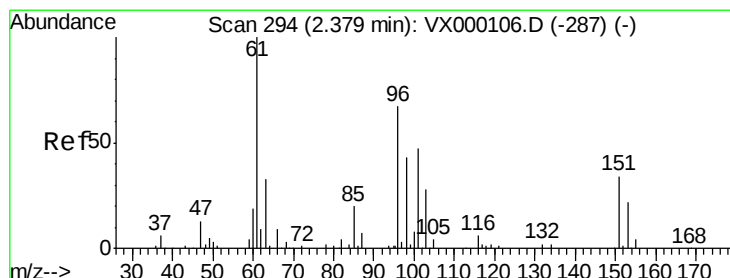
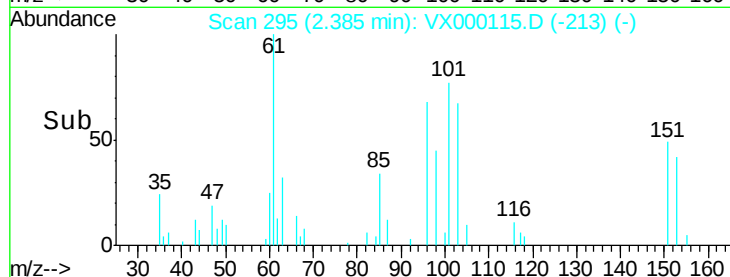
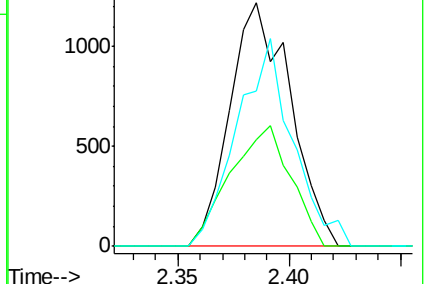
151 78.4 0.0 167.6



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: 2.32 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

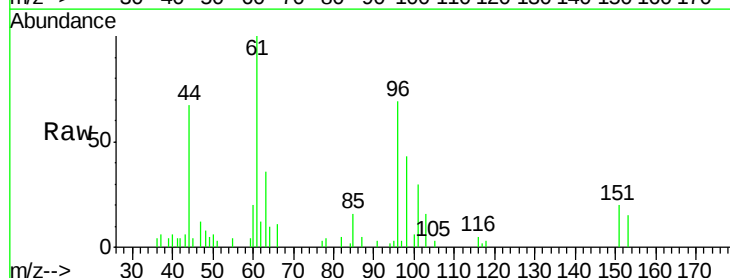
Tgt Ion: 96 Resp: 2510

Ion Ratio Lower Upper

96 100

61 143.9 118.6 178.0

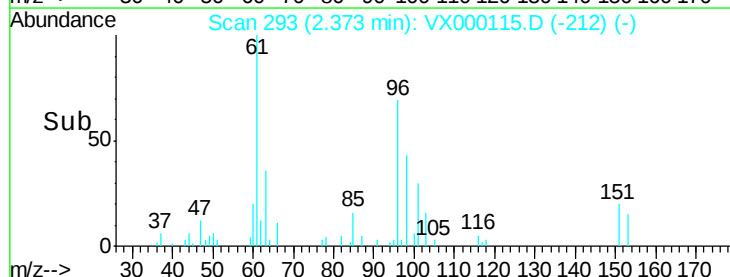
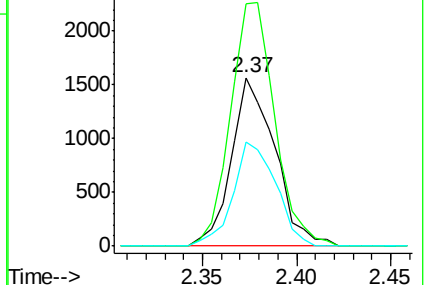
98 62.2 51.0 76.6

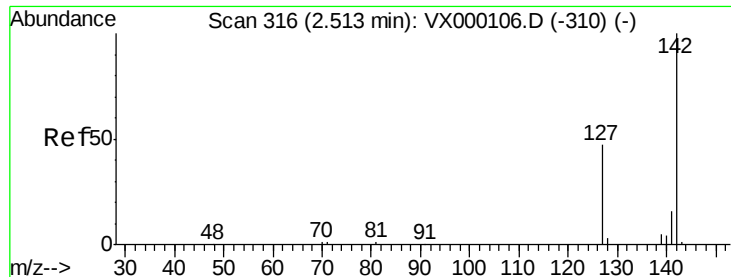


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

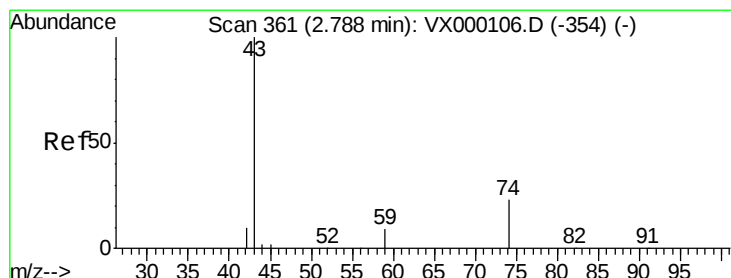
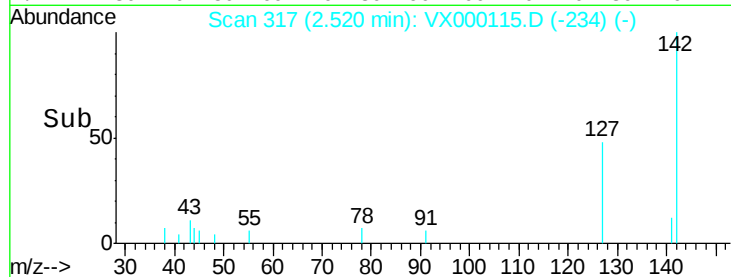
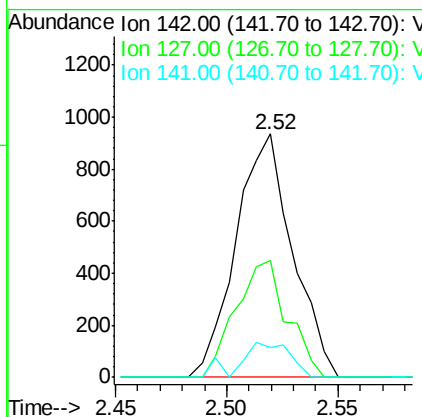
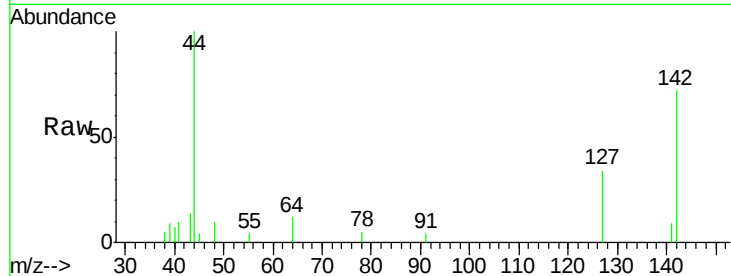




#11
Methyl Iodide
Concen: 1.57 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

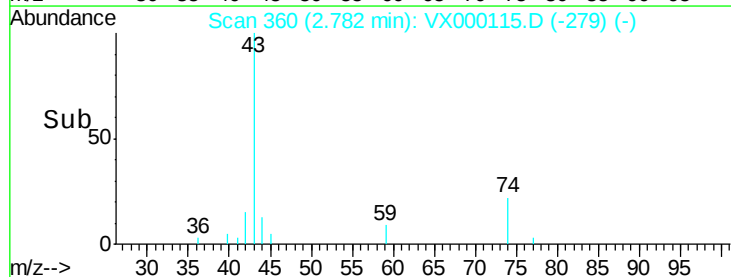
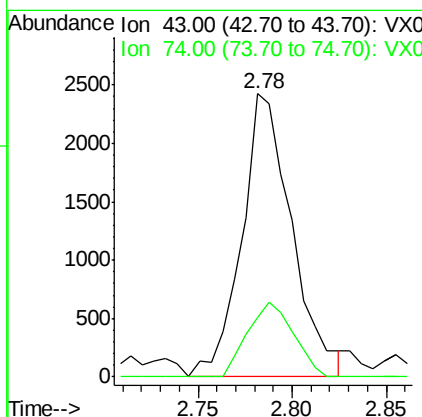
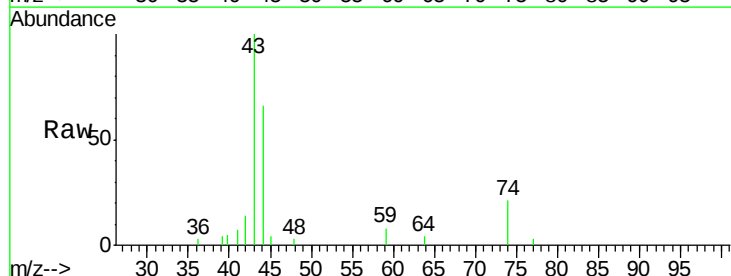
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

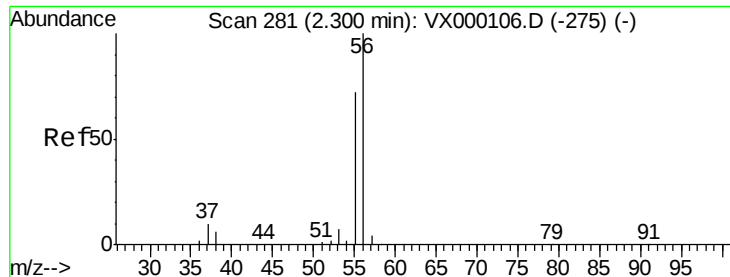
Tgt Ion: 142 Resp: 1653
Ion Ratio Lower Upper
142 100
127 47.8 23.8 71.5
141 12.2 8.2 24.4



#12
Methyl Acetate
Concen: 2.31 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 43 Resp: 4469
Ion Ratio Lower Upper
43 100
74 22.0 18.6 27.8





#13

Acrolein

Concen: 11.04 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

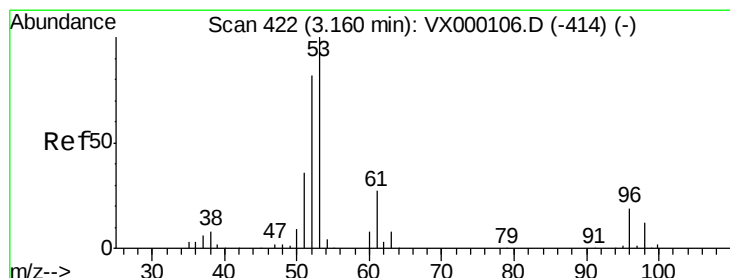
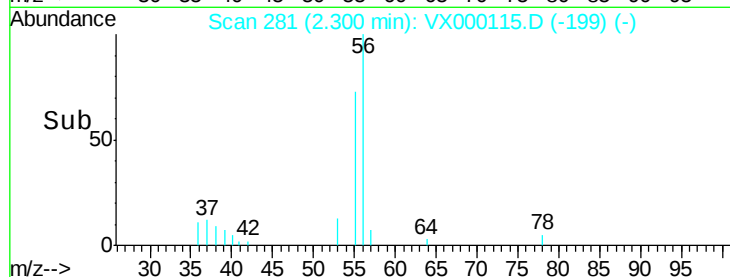
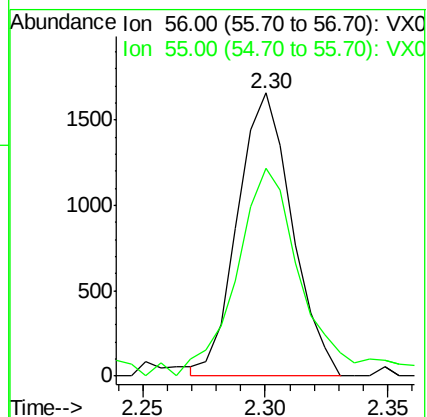
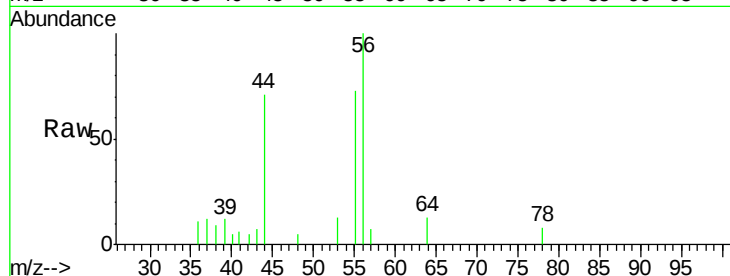
MDL02 2PPB

Tgt Ion: 56 Resp: 2564

Ion Ratio Lower Upper

56 100

55 83.9 57.3 85.9



#14

Acrylonitrile

Concen: 10.90 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

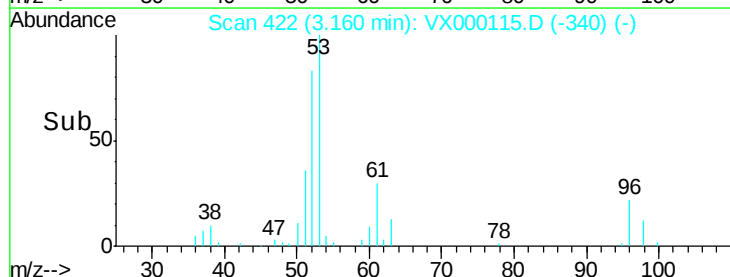
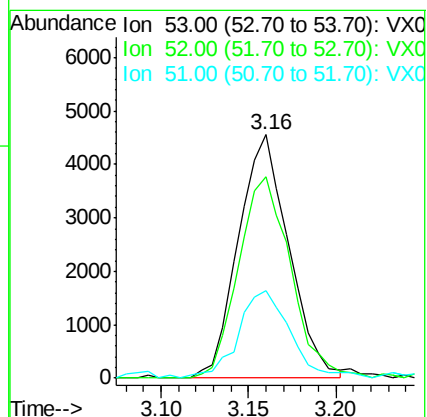
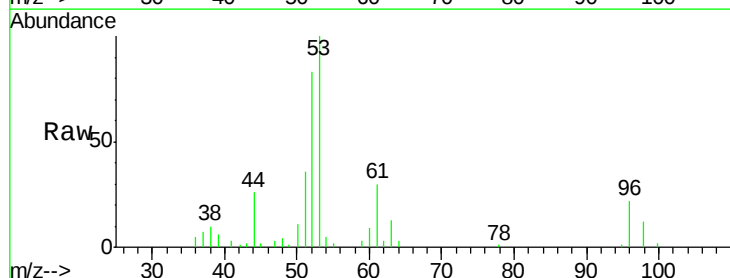
Tgt Ion: 53 Resp: 9120

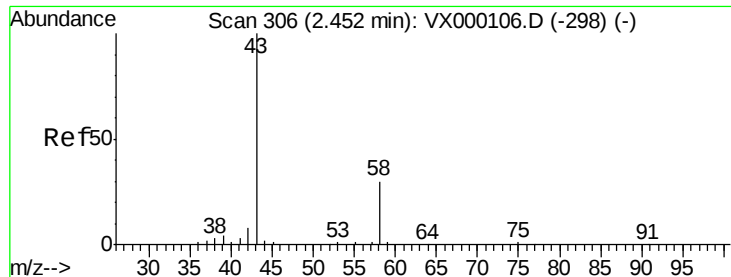
Ion Ratio Lower Upper

53 100

52 85.7 41.9 125.8

51 36.5 18.8 56.3





#15

Acetone

Concen: 10.50 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

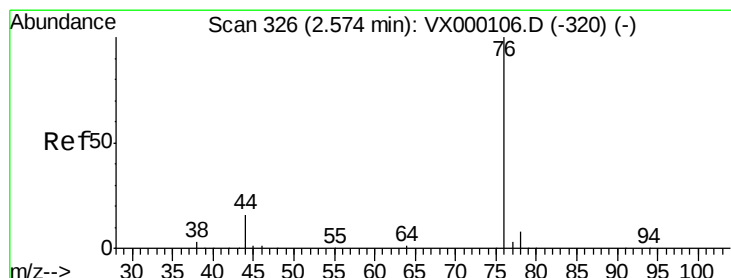
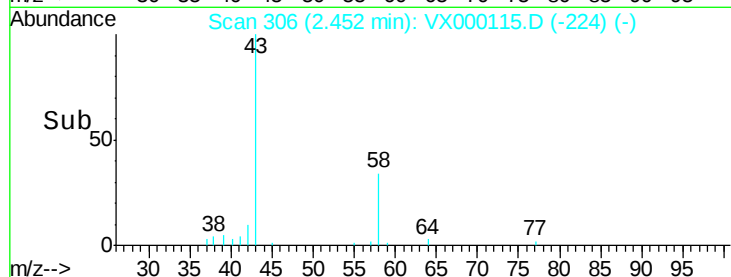
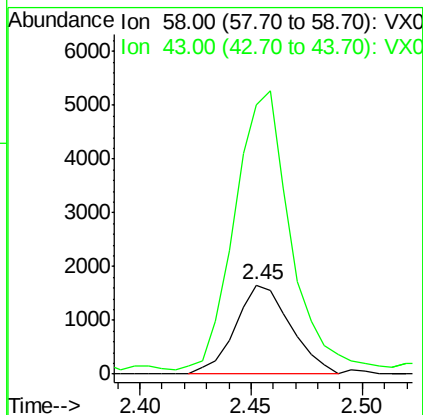
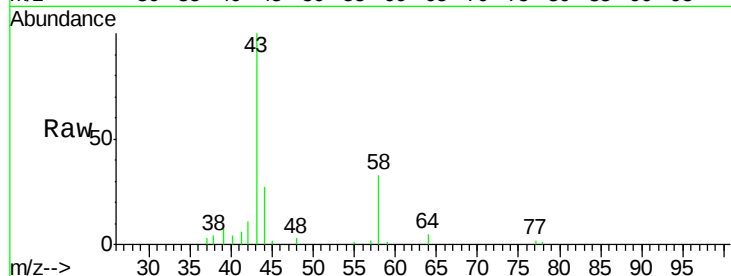
MDL02 2PPB

Tgt Ion: 58 Resp: 2863

Ion Ratio Lower Upper

58 100

43 292.3 264.6 396.8



#16

Carbon Disulfide

Concen: 2.14 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000115.D

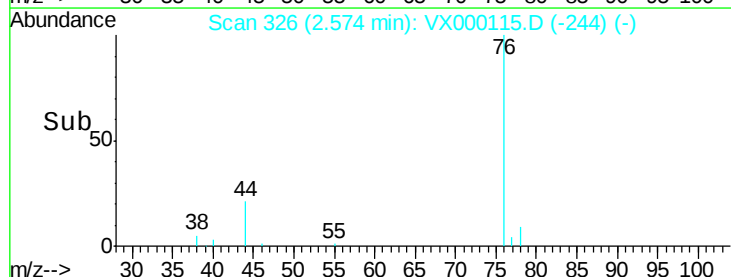
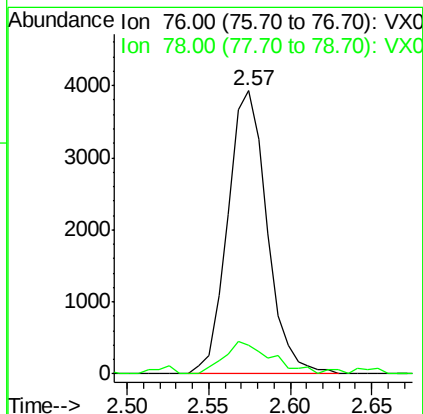
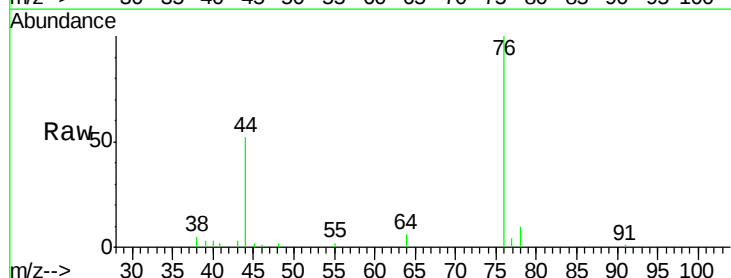
Acq: 20 Feb 2018 18:46

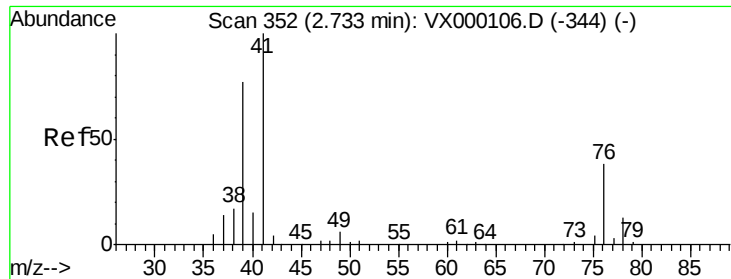
Tgt Ion: 76 Resp: 6616

Ion Ratio Lower Upper

76 100

78 10.3 6.8 10.2#

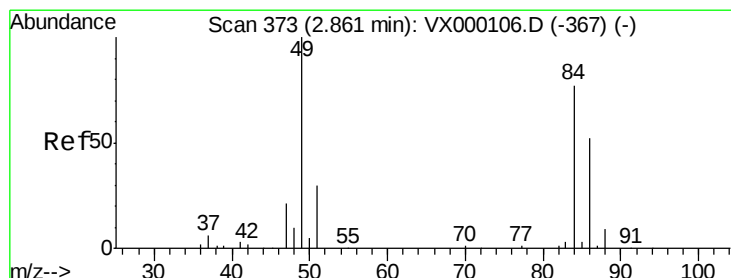
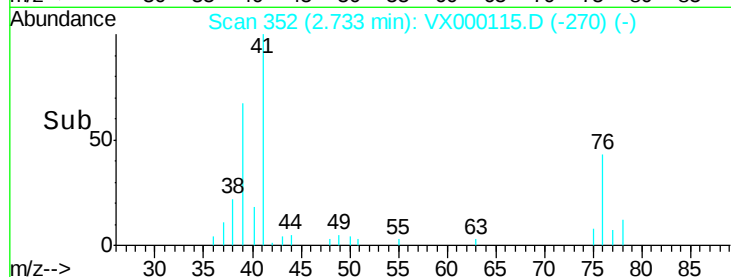
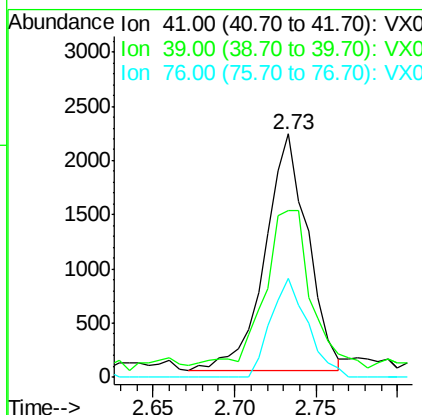
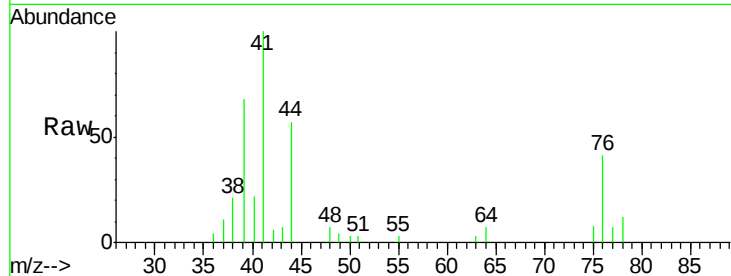




#17
 Allyl chloride
 Concen: 2.15 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

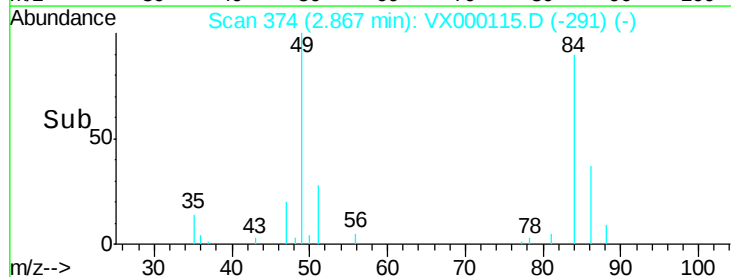
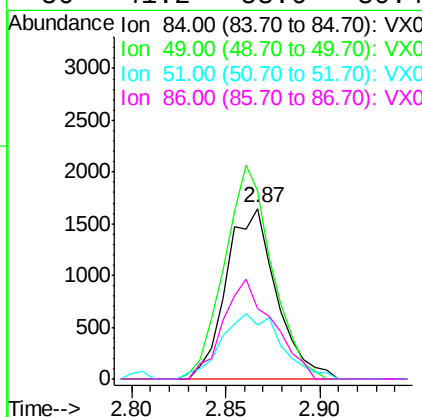
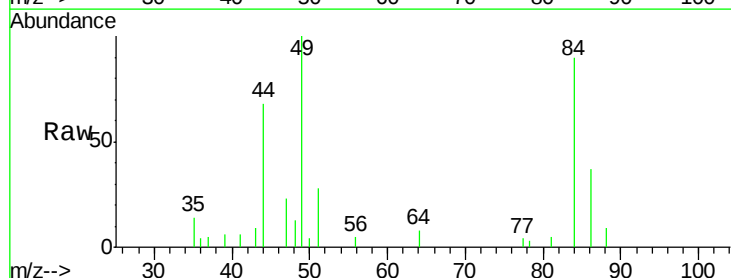
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

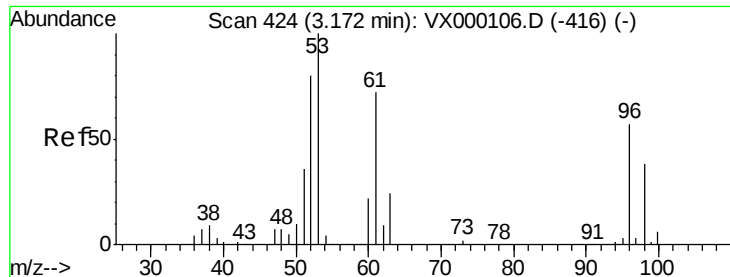
Tgt Ion: 41 Resp: 3957
 Ion Ratio Lower Upper
 41 100
 39 65.5 38.5 115.5
 76 41.9 18.7 56.1



#18
 Methylene Chloride
 Concen: 2.57 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 84 Resp: 3029
 Ion Ratio Lower Upper
 84 100
 49 110.7 103.3 154.9
 51 31.4 31.2 46.8
 86 41.2 53.6 80.4#

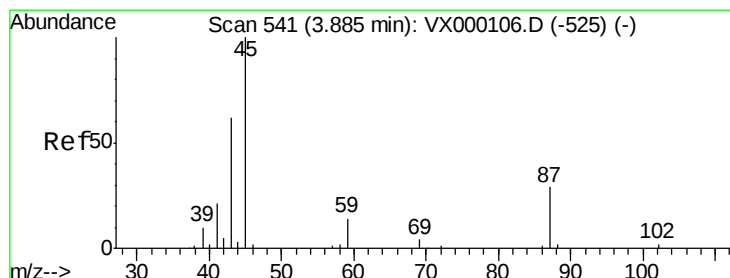
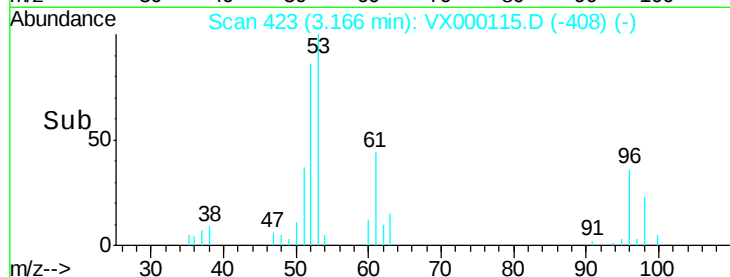
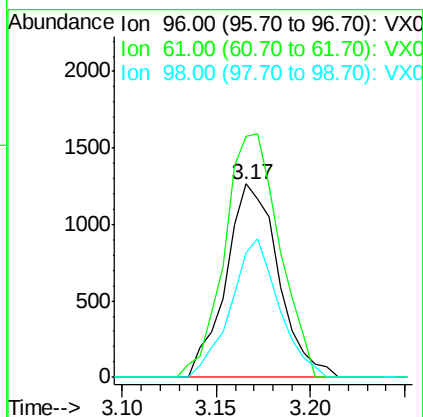
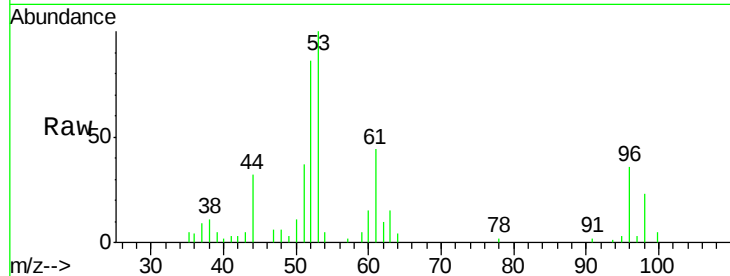




#19
trans-1,2-Dichloroethene
Concen: 2.09 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

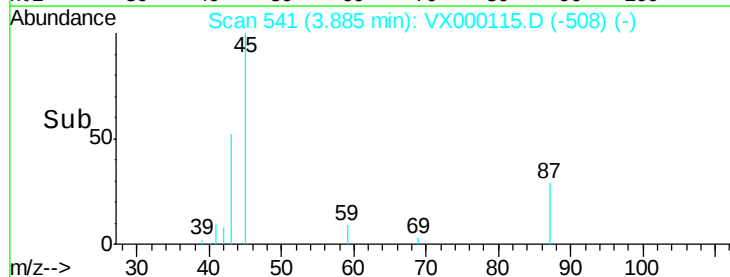
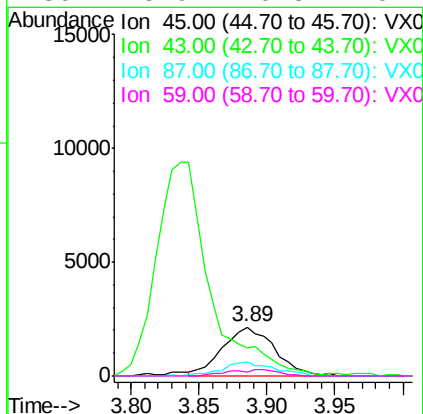
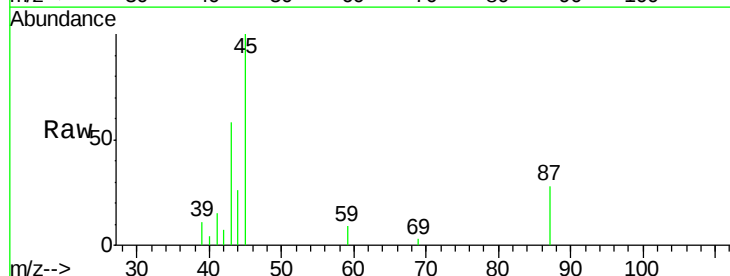
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

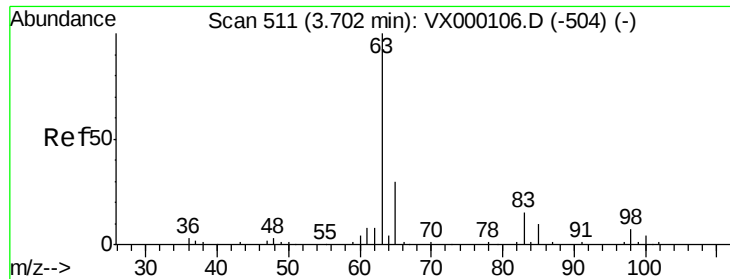
Tgt Ion: 96 Resp: 2451
Ion Ratio Lower Upper
96 100
61 124.7 101.0 151.6
98 64.3 53.3 79.9



#20
Diisopropyl ether
Concen: 1.98 ug/l
RT: 3.89 min Scan# 541
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 45 Resp: 5765
Ion Ratio Lower Upper
45 100
43 54.0 49.6 74.4
87 27.9 23.1 34.7
59 8.9 10.8 16.2#





#21

1,1-Dichloroethane

Concen: 2.08 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

MDL02 2PPB

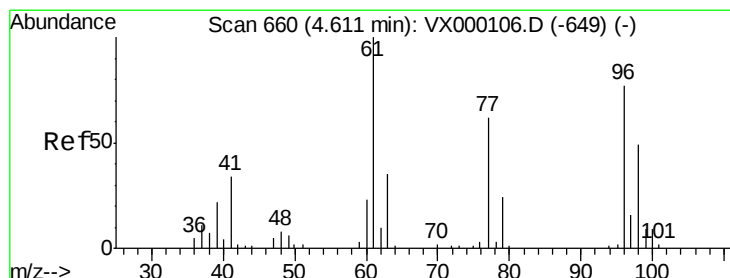
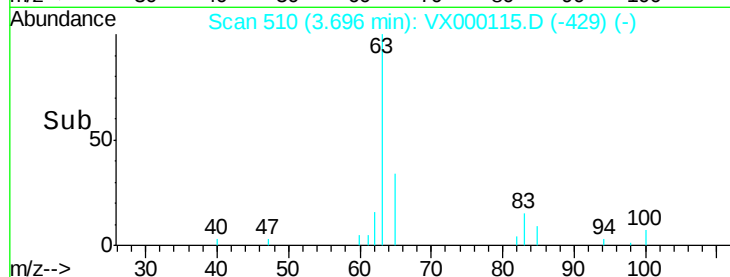
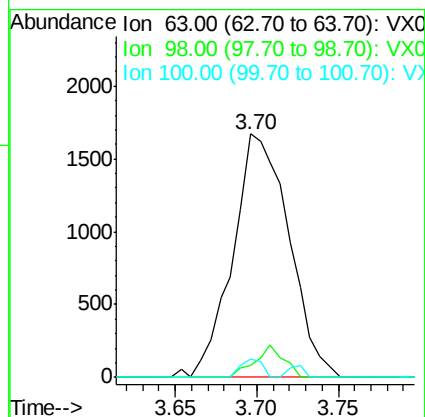
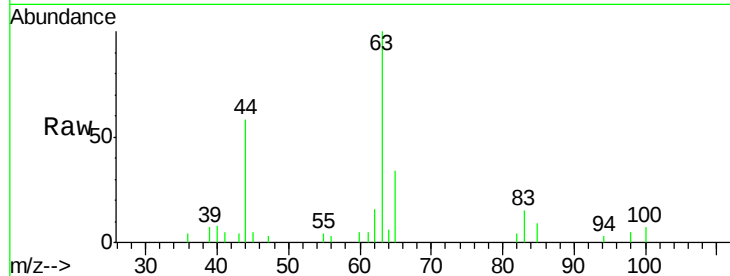
Tgt Ion: 63 Resp: 3986

Ion Ratio Lower Upper

63 100

98 5.0 3.3 9.9

100 7.5 2.1 6.5#



#22

cis-1,2-Dichloroethene

Concen: 2.12 ug/l

RT: 4.61 min Scan# 660

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

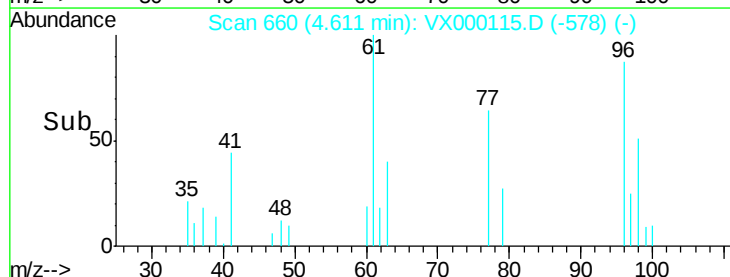
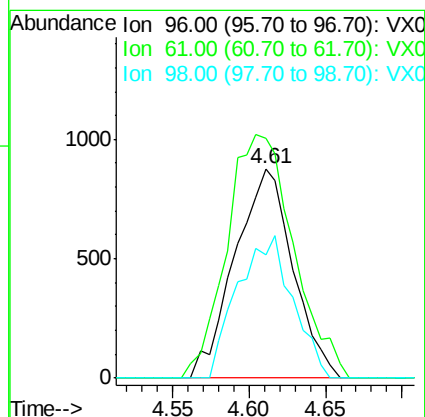
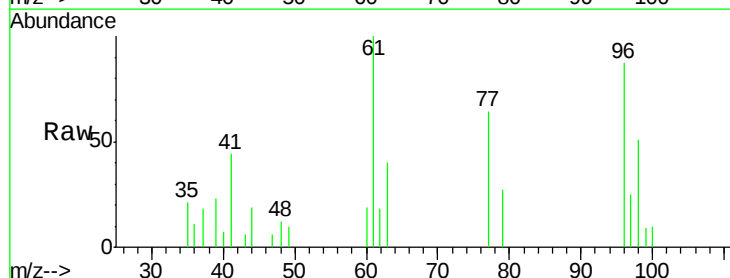
Tgt Ion: 96 Resp: 2317

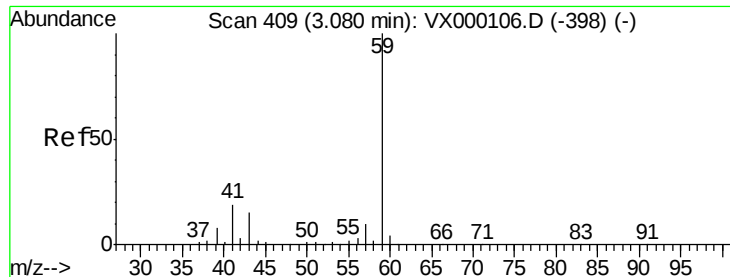
Ion Ratio Lower Upper

96 100

61 133.3 113.5 170.3

98 64.2 51.8 77.8



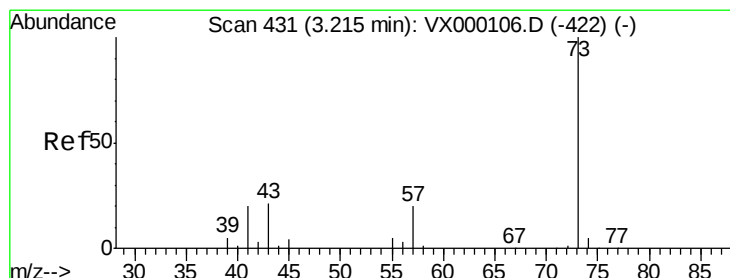
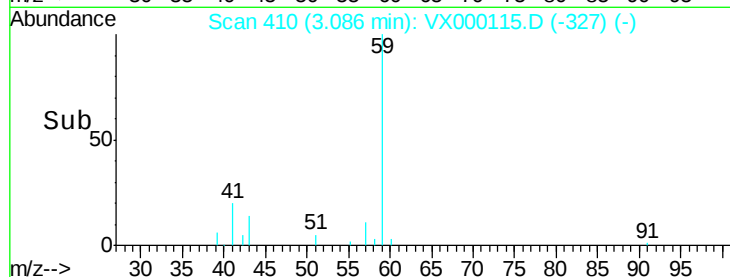
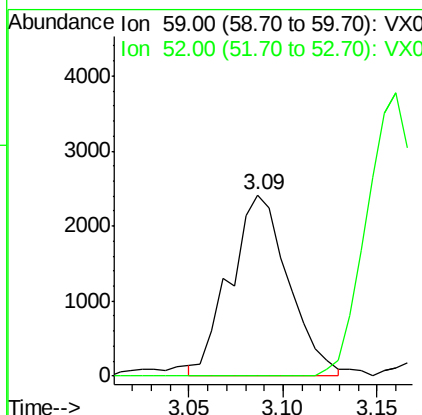
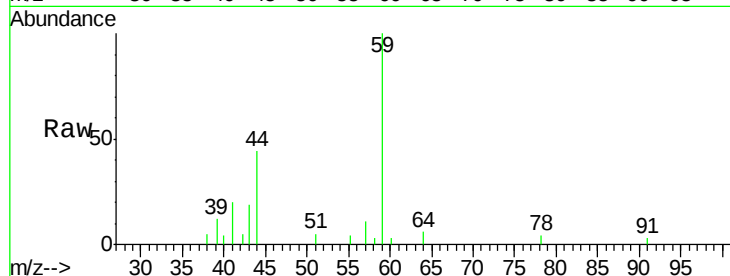


#23

tert-Butyl Alcohol
Concen: 10.82 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

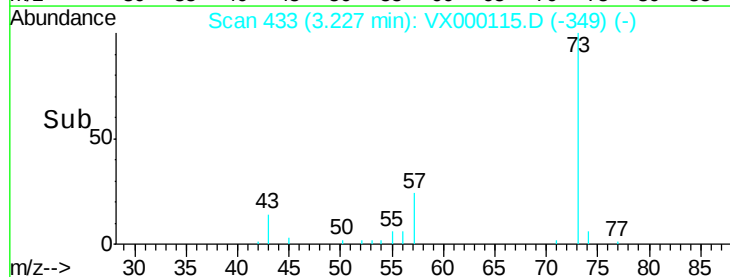
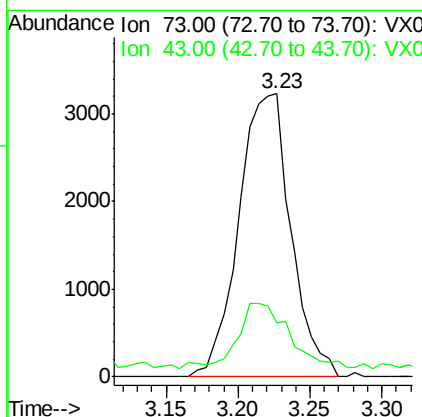
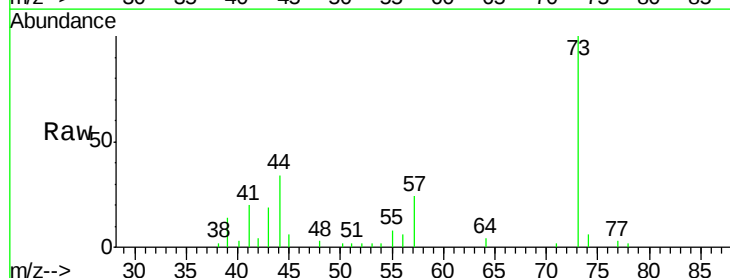
Tgt Ion: 59 Resp: 5172
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

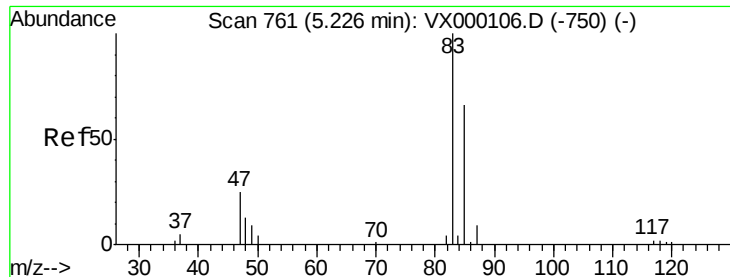


#24

Methyl tert-Butyl Ether
Concen: 2.18 ug/l
RT: 3.23 min Scan# 433
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 73 Resp: 8117
Ion Ratio Lower Upper
73 100
43 24.0 16.5 24.7





#25

Chloroform

Concen: 2.02 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

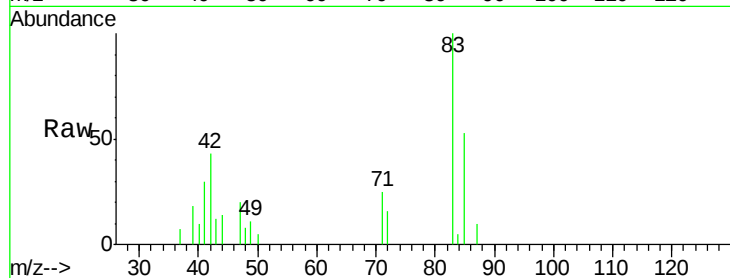
MDL02 2PPB

Tgt Ion: 83 Resp: 3844

Ion Ratio Lower Upper

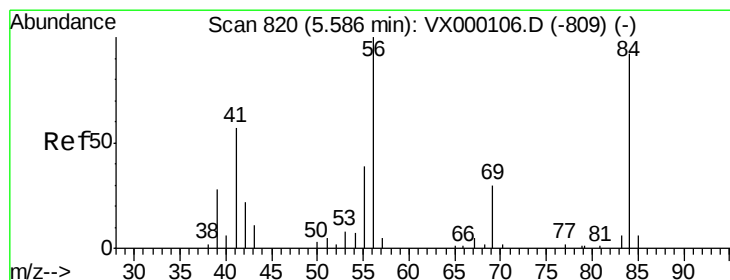
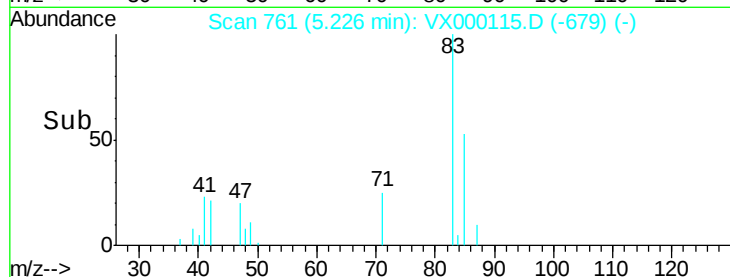
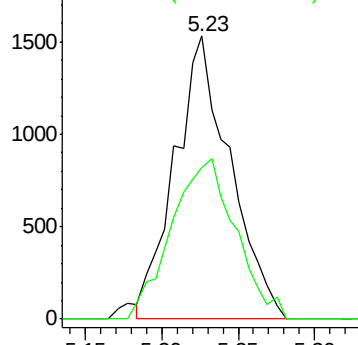
83 100

85 53.3 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 0.84 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.02 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

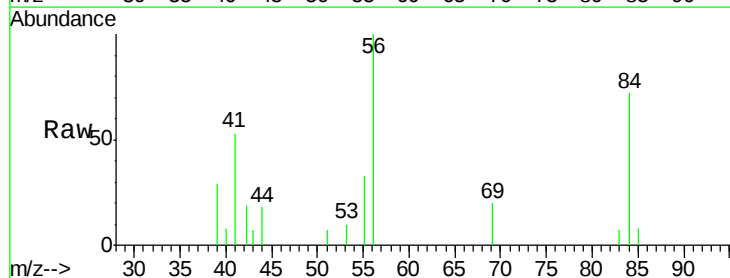
Tgt Ion: 56 Resp: 1257

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

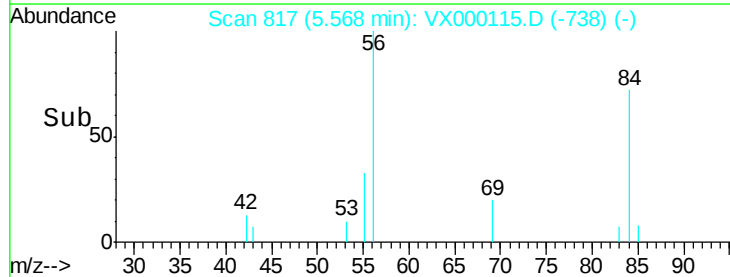
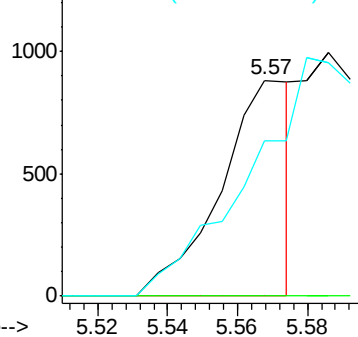
84 228.2 74.8 112.2#

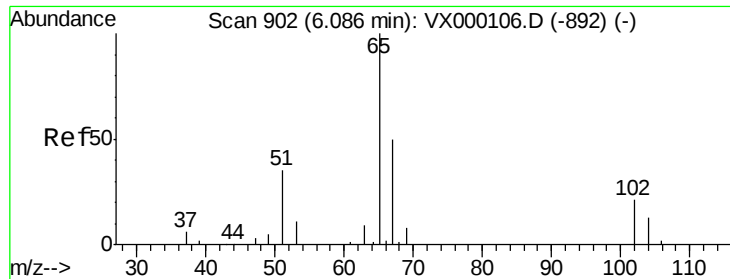


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.90 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

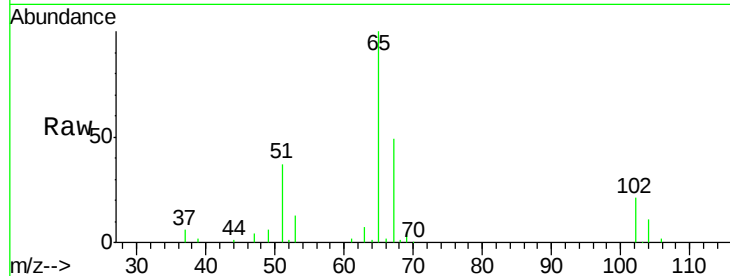
MDL02 2PPB

Tgt Ion: 65 Resp: 38669

Ion Ratio Lower Upper

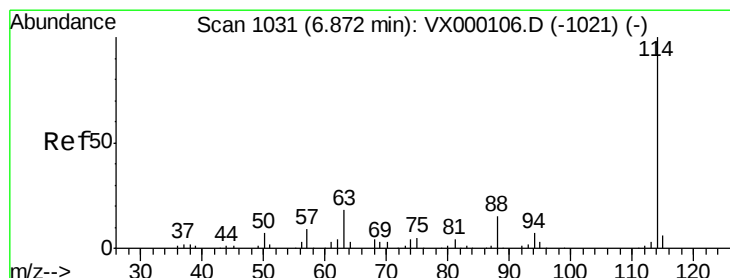
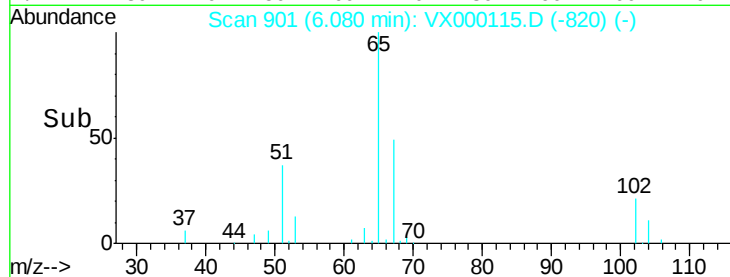
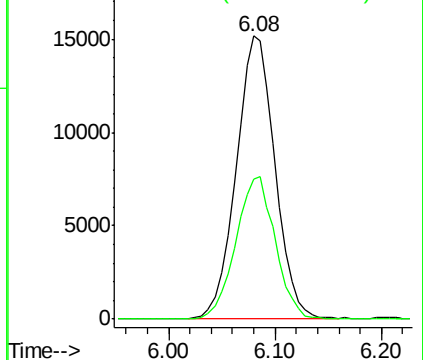
65 100

67 50.9 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: VX000115.D

Acq: 20 Feb 2018 18:46

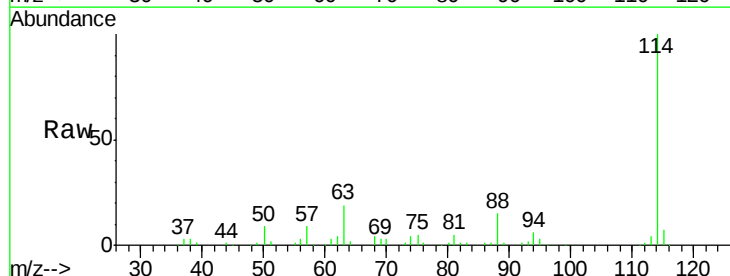
Tgt Ion: 114 Resp: 95489

Ion Ratio Lower Upper

114 100

63 18.9 15.0 22.4

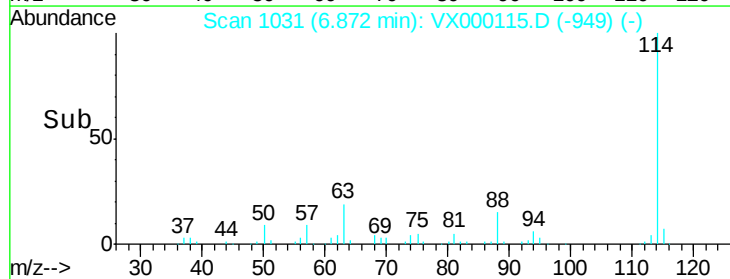
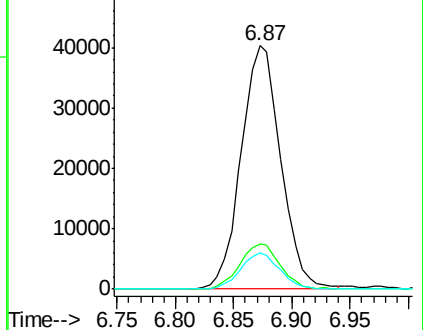
88 14.7 11.8 17.8

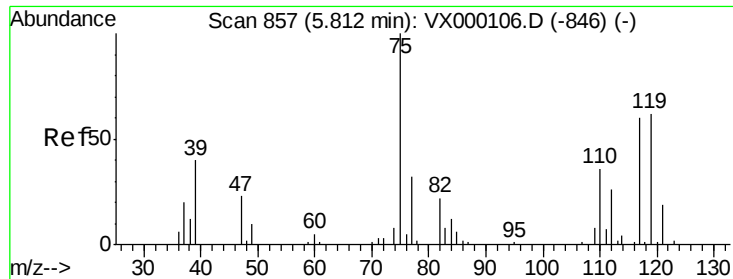


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

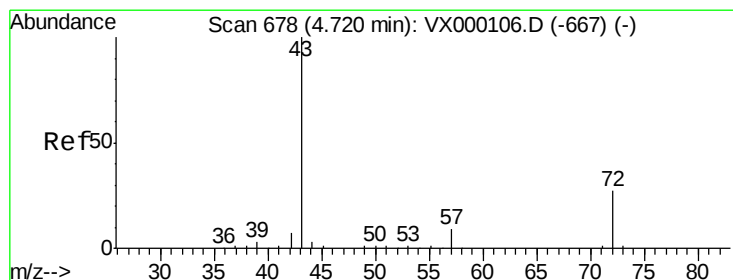
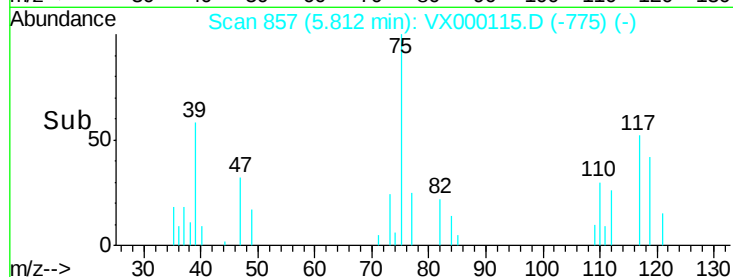
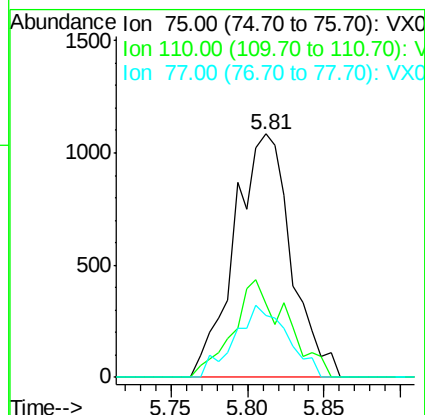
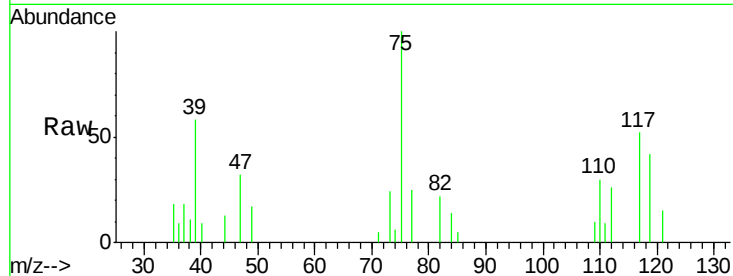




#29
 1,1-Dichloropropene
 Concen: 2.00 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

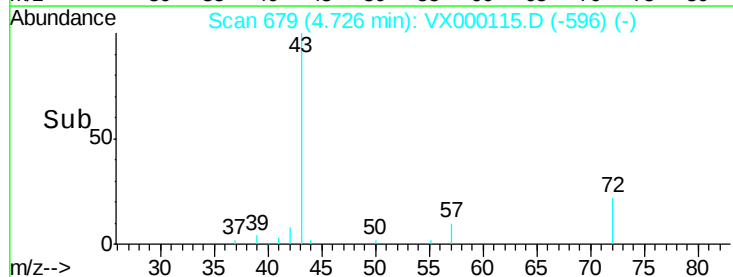
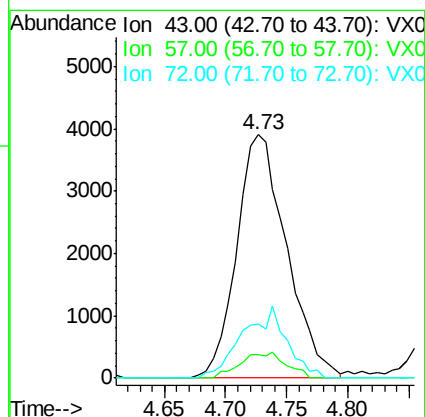
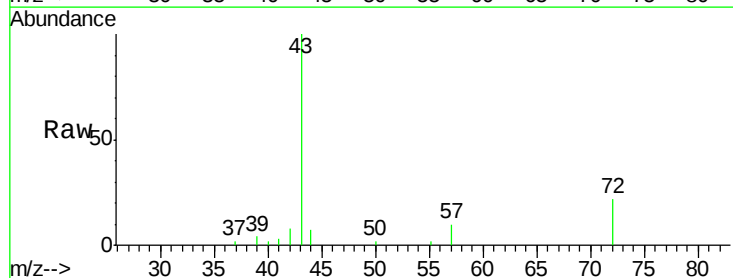
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

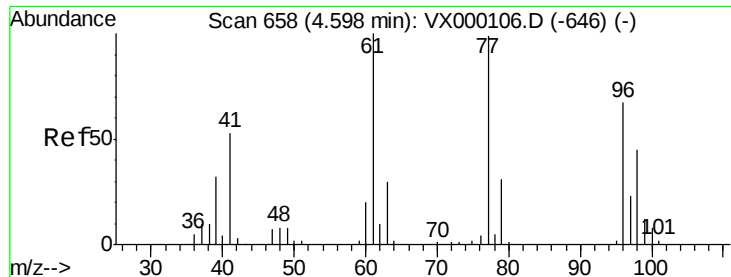
Tgt Ion: 75 Resp: 2788
 Ion Ratio Lower Upper
 75 100
 110 26.6 0.0 75.6
 77 25.4 0.0 62.6



#30
 2-Butanone
 Concen: 10.34 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 43 Resp: 11067
 Ion Ratio Lower Upper
 43 100
 57 5.8 6.6 10.0#
 72 15.1 21.8 32.6#

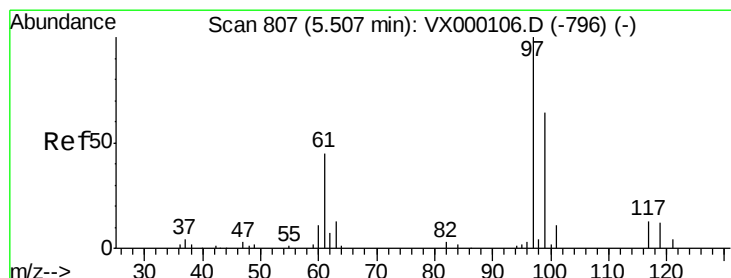
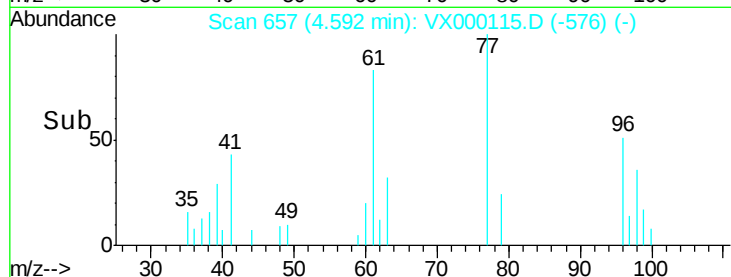
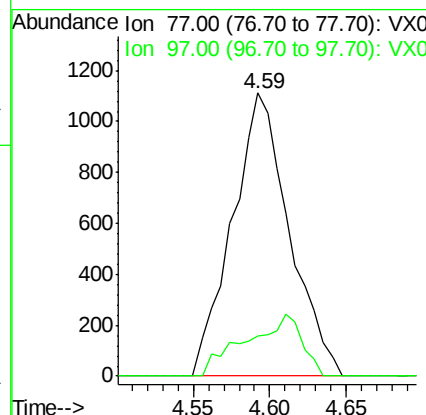
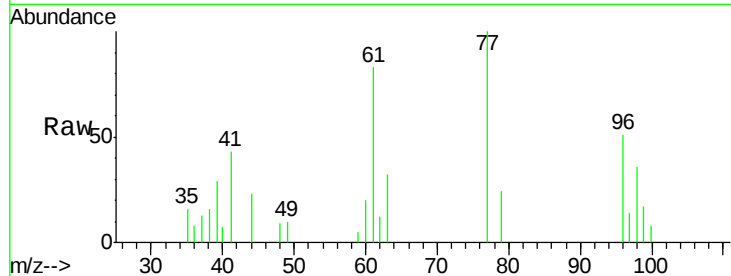




#31
 2,2-Dichloropropane
 Concen: 1.92 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

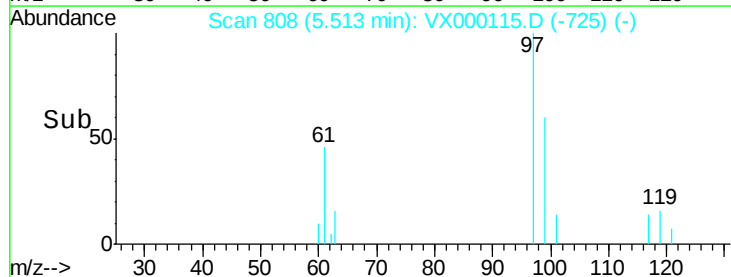
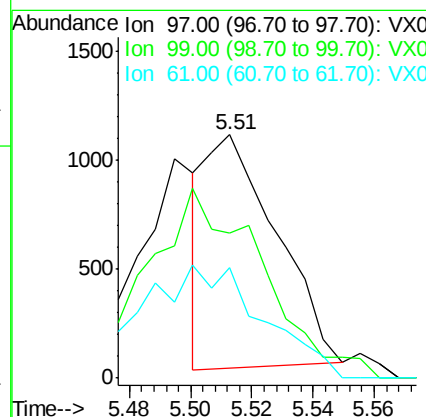
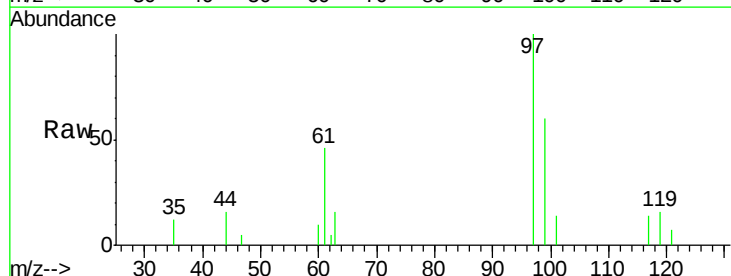
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tgt Ion: 77 Resp: 2877
 Ion Ratio Lower Upper
 77 100
 97 5.4 18.6 27.8#



#32
 1,1,1-Trichloroethane
 Concen: 1.01 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 97 Resp: 1706
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.3 78.5#
 61 0.0 34.3 51.5#





#33

Carbon Tetrachloride

Concen: 1.11 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

MDL02 2PPB

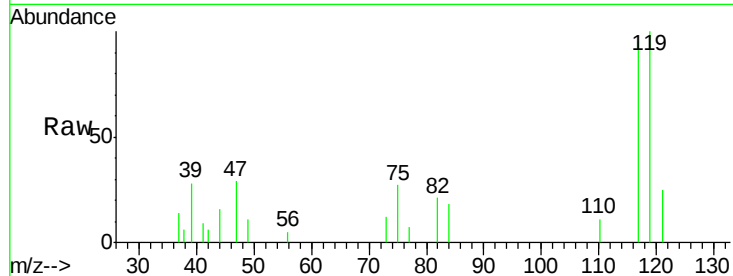
Tgt Ion:117 Resp: 1663

Ion Ratio Lower Upper

117 100

119 97.8 73.5 110.3

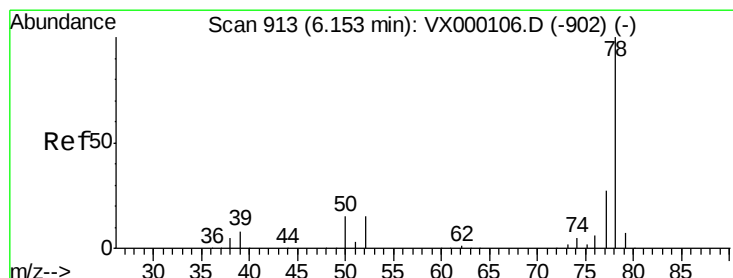
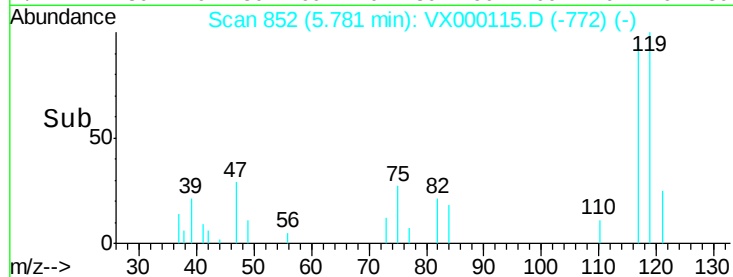
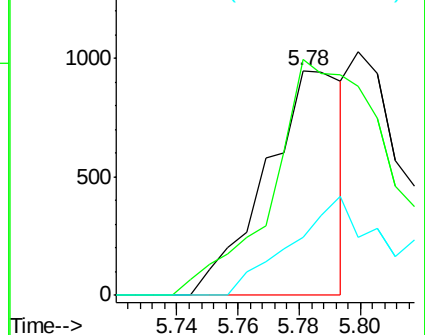
121 25.8 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 2.07 ug/l

RT: 6.16 min Scan# 914

Delta R.T. 0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

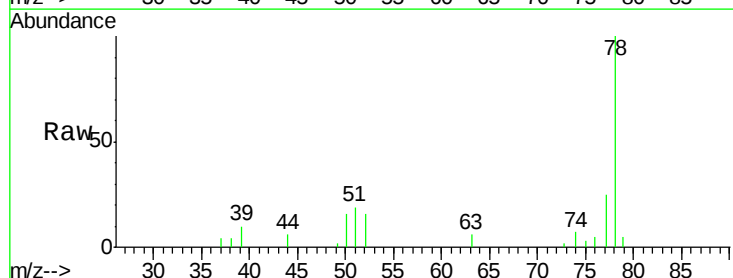
Tgt Ion: 78 Resp: 8281

Ion Ratio Lower Upper

78 100

77 25.2 21.7 32.5

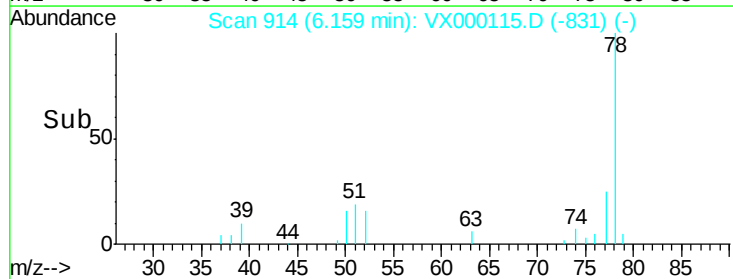
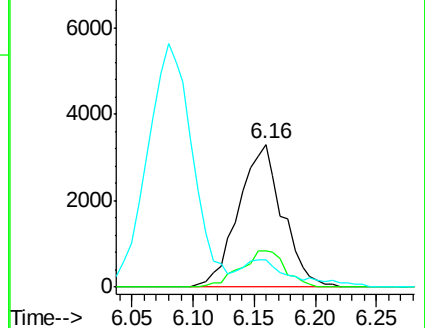
51 15.6 14.9 22.3

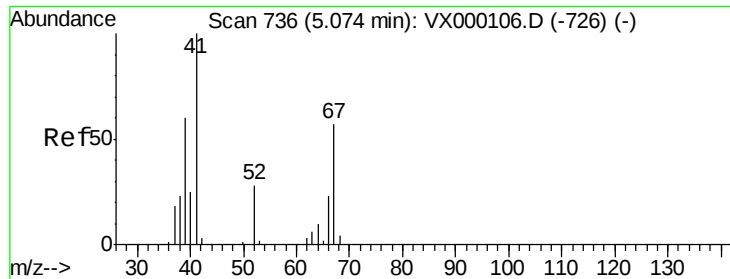


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 1.29 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

MDL02 2PPB

Tgt Ion: 41 Resp: 1273

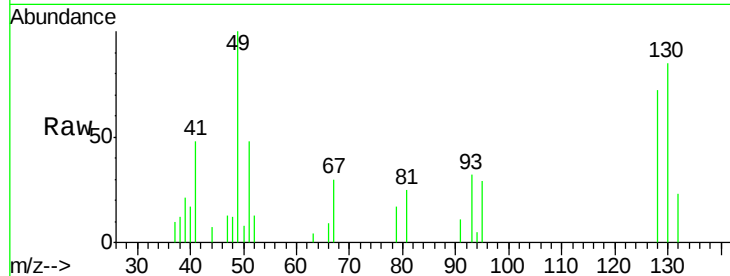
Ion Ratio Lower Upper

41 100

39 35.4 29.8 89.3

67 62.3 28.7 86.3

52 27.5 14.0 41.9

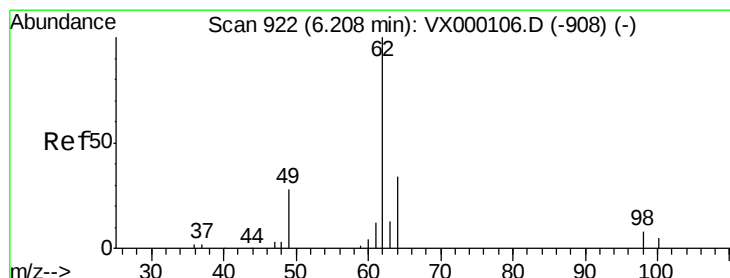
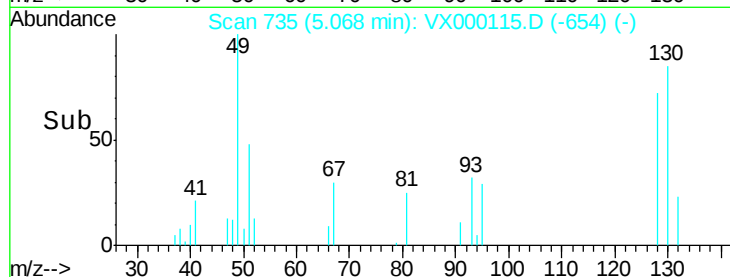
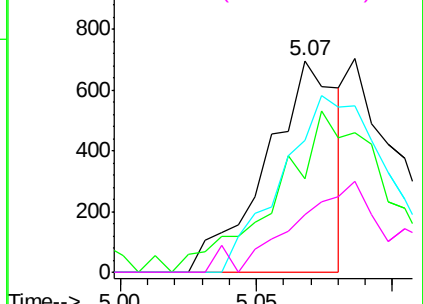


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 2.03 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000115.D

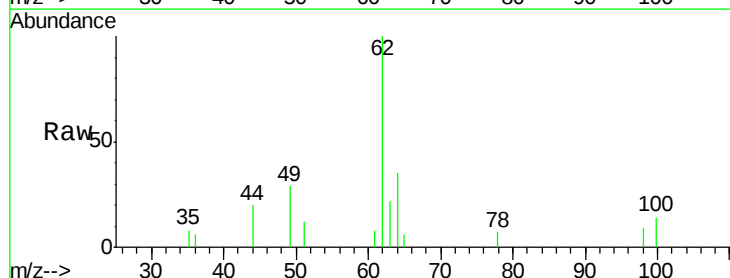
Acq: 20 Feb 2018 18:46

Tgt Ion: 62 Resp: 3086

Ion Ratio Lower Upper

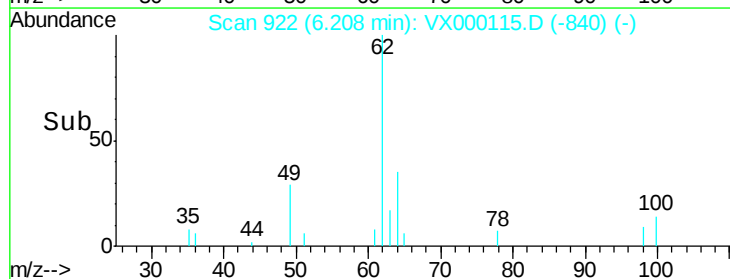
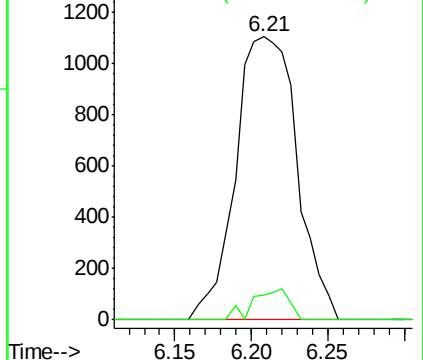
62 100

98 3.5 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

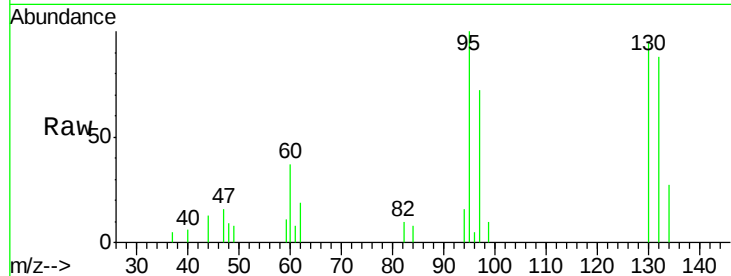




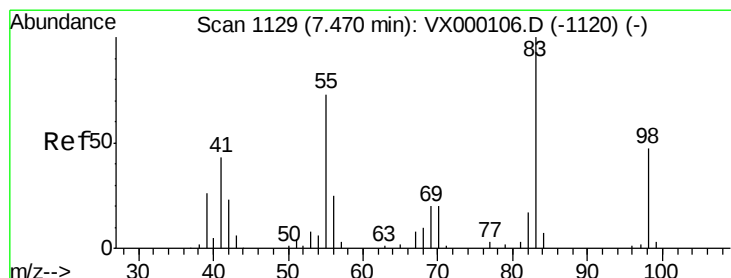
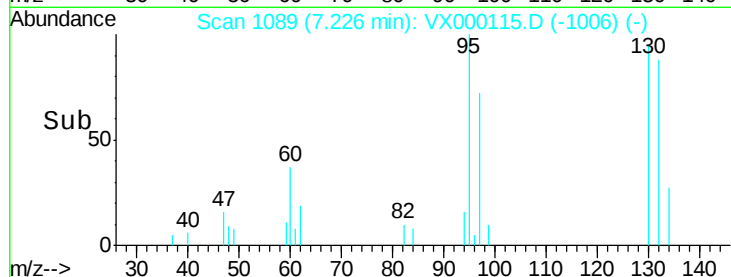
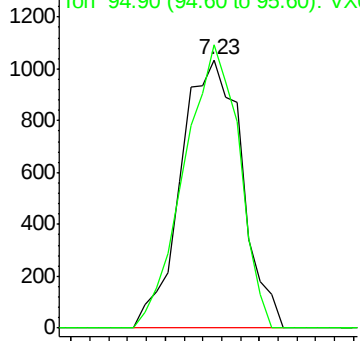
#37
 Trichloroethene
 Concen: 1.96 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tgt Ion:130 Resp: 2313
 Ion Ratio Lower Upper
 130 100
 95 105.6 74.6 112.0

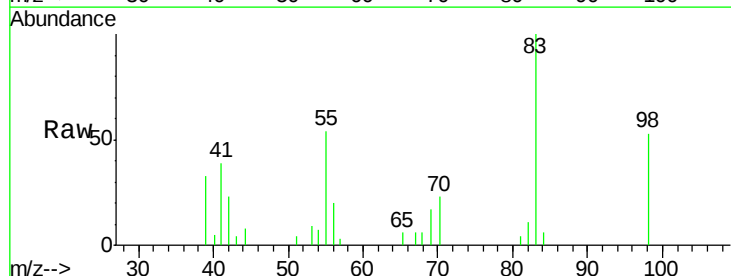


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

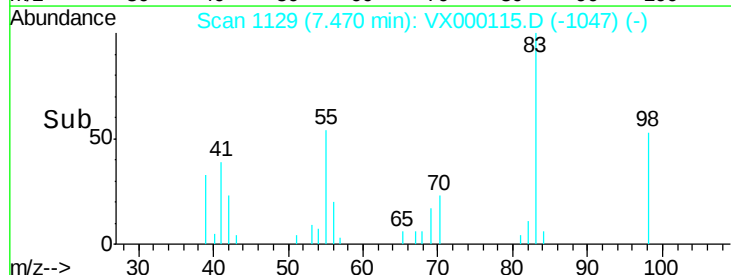
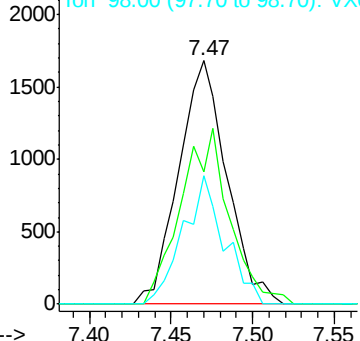


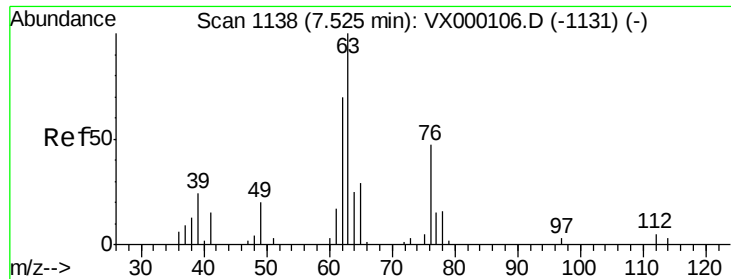
#38
 Methylcyclohexane
 Concen: 2.08 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 83 Resp: 3462
 Ion Ratio Lower Upper
 83 100
 55 72.8 35.9 107.7
 98 45.6 24.6 74.0



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

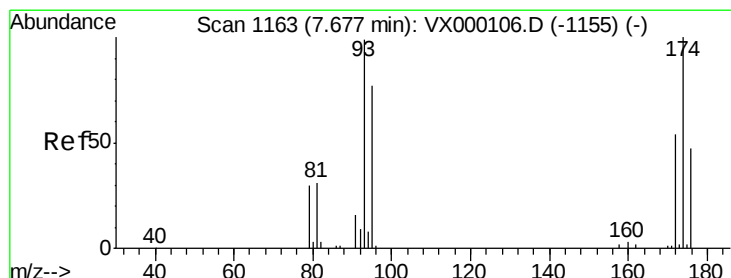
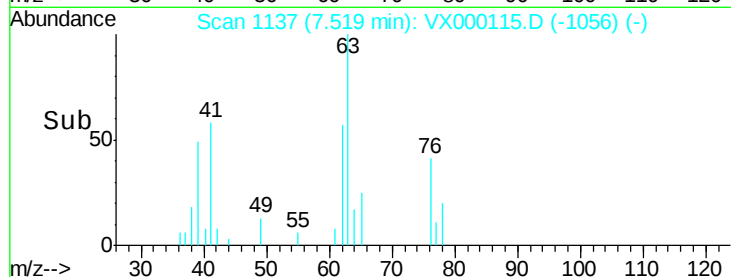
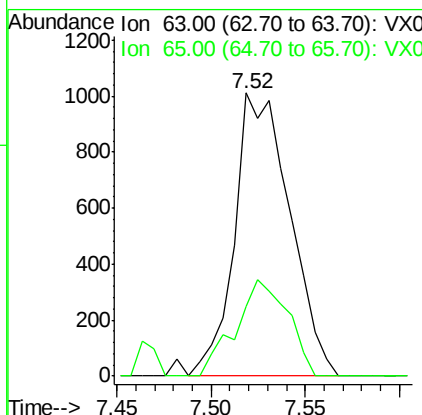
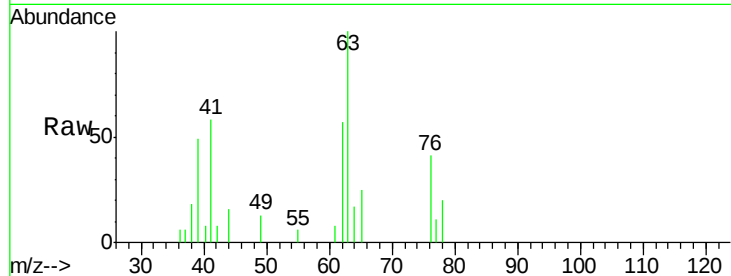




#39
 1,2-Dichloropropane
 Concen: 2.06 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

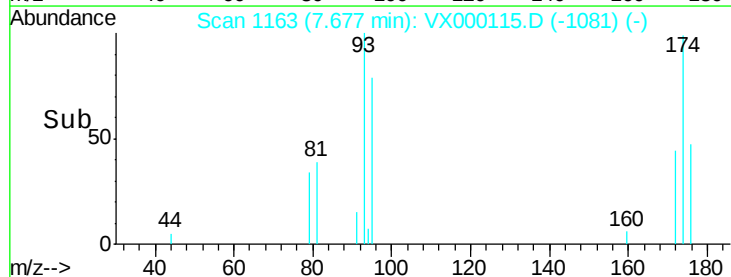
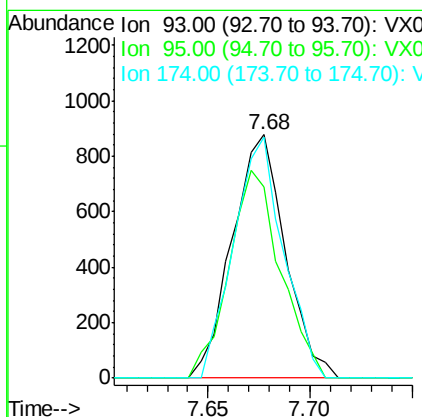
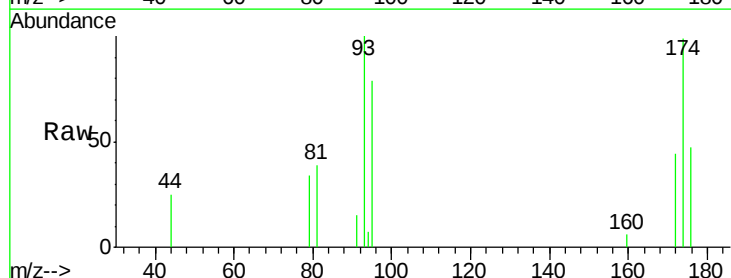
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

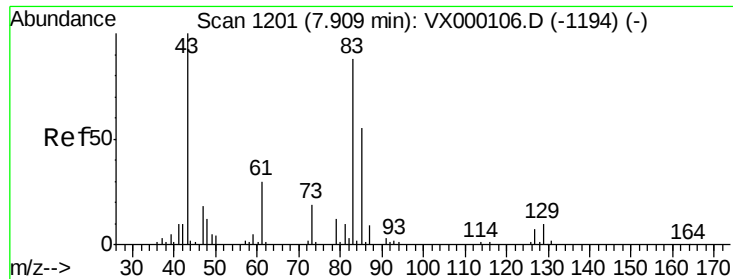
Tgt Ion: 63 Resp: 2059
 Ion Ratio Lower Upper
 63 100
 65 24.7 25.0 37.6#



#40
 Dibromomethane
 Concen: 2.07 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 93 Resp: 1591
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 170.6
 174 92.7 0.0 210.4





#41

Bromodichloromethane

Concen: 1.91 ug/l

RT: 7.91 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

MDL02 2PPB

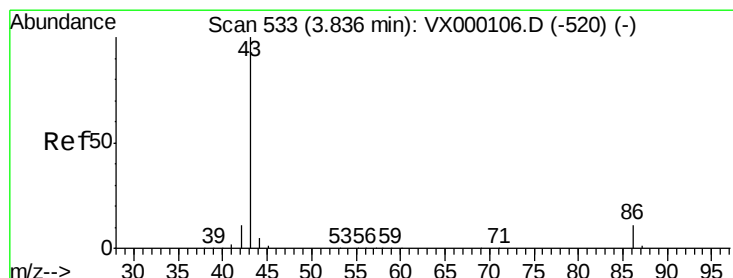
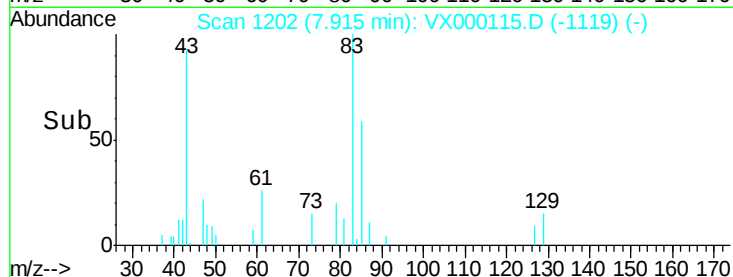
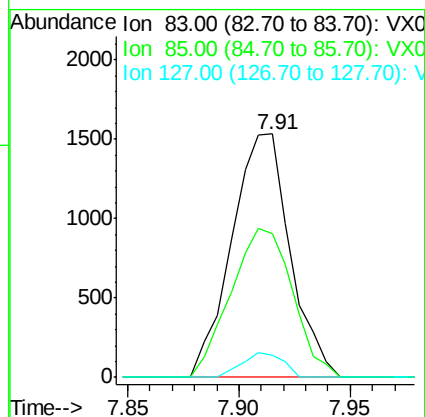
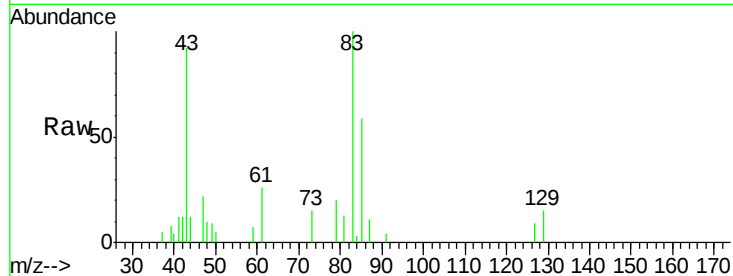
Tgt Ion: 83 Resp: 2800

Ion Ratio Lower Upper

83 100

85 59.3 50.0 75.0

127 8.9 6.6 10.0



#42

Vinyl Acetate

Concen: 9.42 ug/l

RT: 3.84 min Scan# 534

Delta R.T. 0.01 min

Lab File: VX000115.D

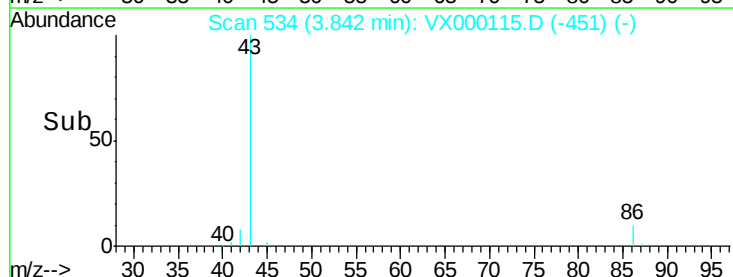
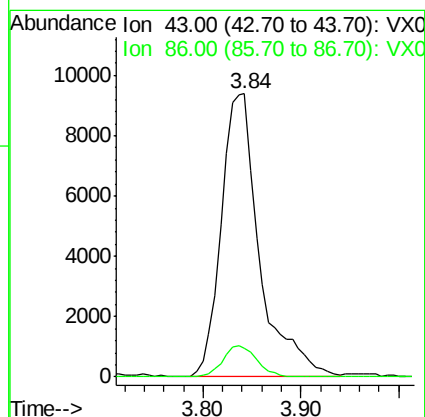
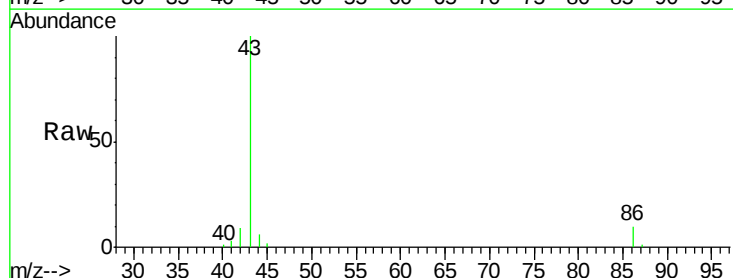
Acq: 20 Feb 2018 18:46

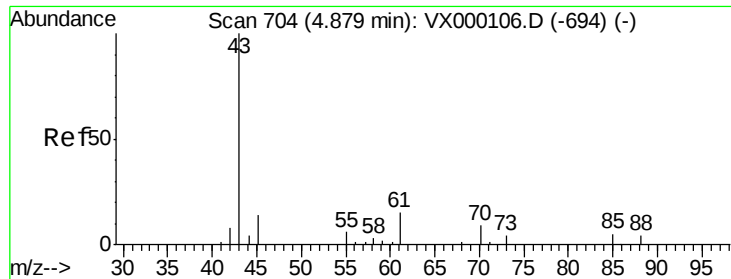
Tgt Ion: 43 Resp: 25689

Ion Ratio Lower Upper

43 100

86 9.6 7.8 11.6

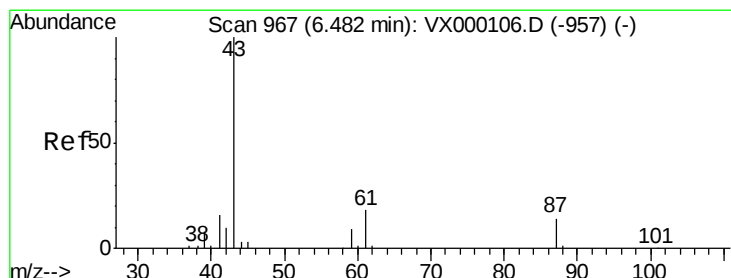
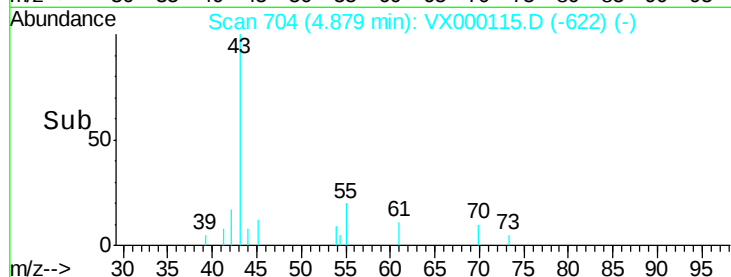
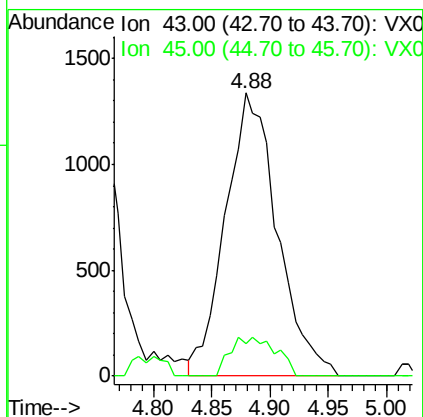
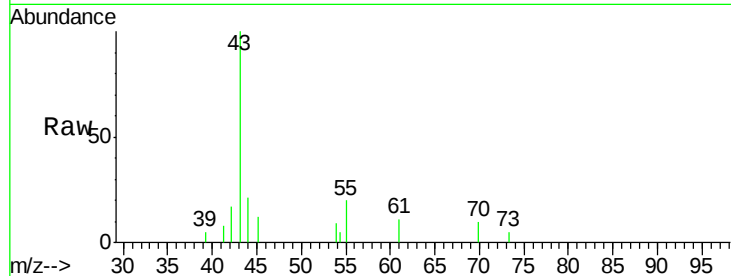




#43
Ethyl Acetate
Concen: 2.20 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

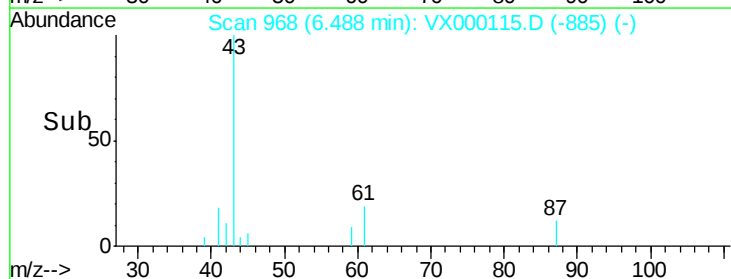
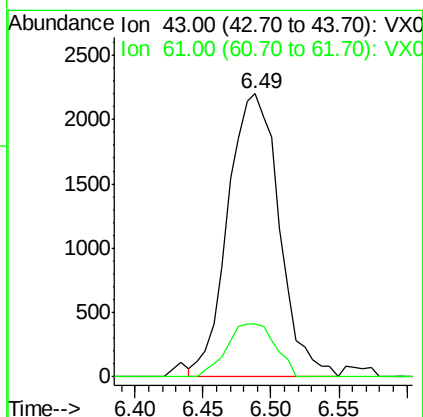
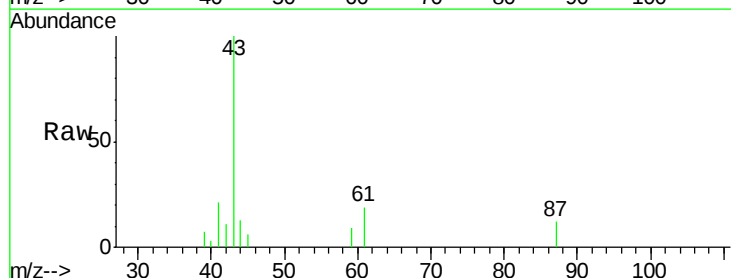
Instrument :
MSVOA_X
ClientSampled :
MDL02 2PPB

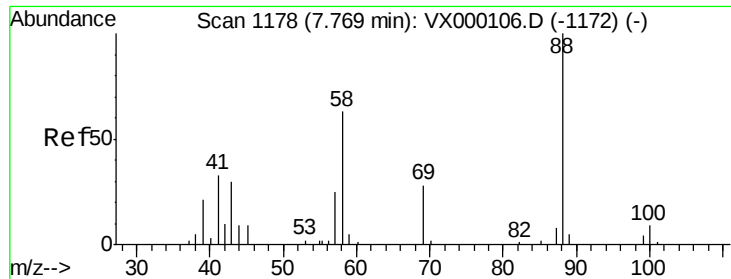
Tgt Ion: 43 Resp: 4136
Ion Ratio Lower Upper
43 100
45 4.8 11.4 17.0#



#44
Isopropyl Acetate
Concen: 2.10 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 43 Resp: 5795
Ion Ratio Lower Upper
43 100
61 17.7 15.7 23.5

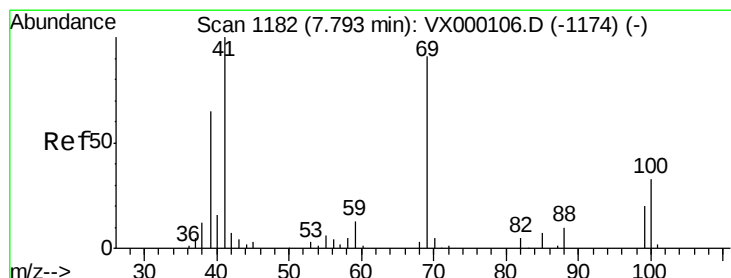
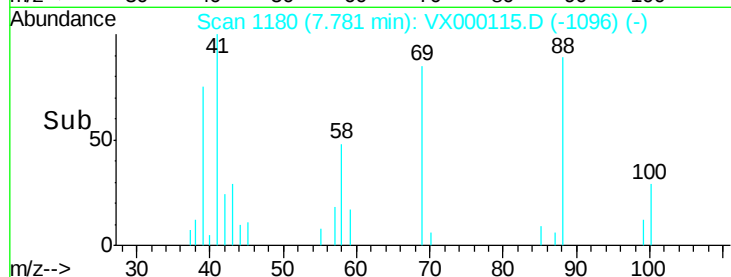
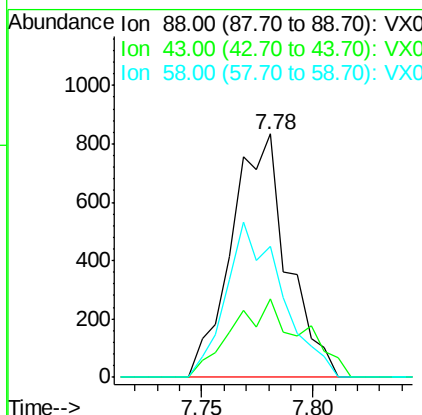
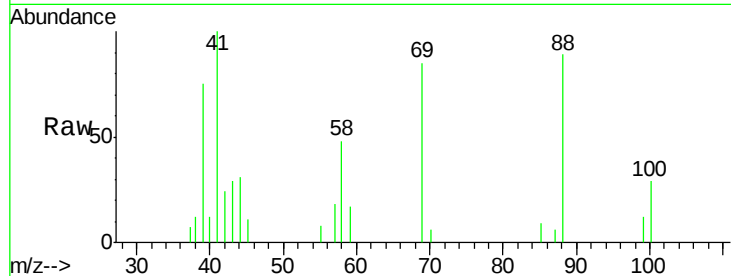




#45
1,4-Dioxane
Concen: 41.91 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

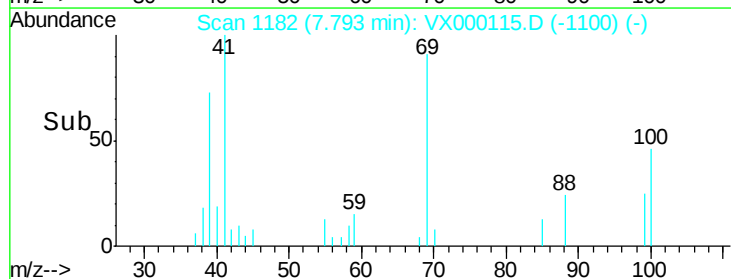
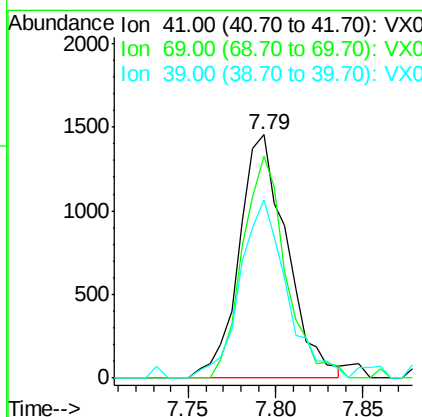
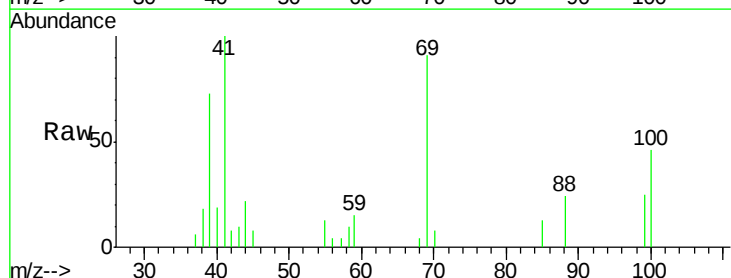
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

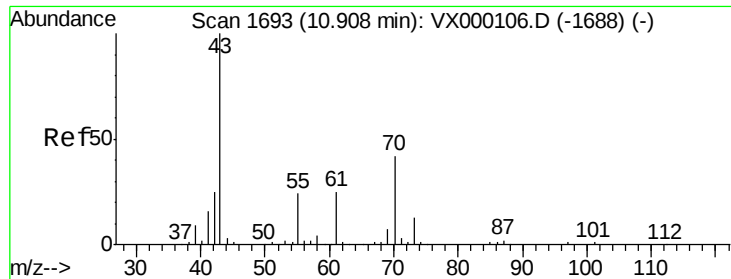
Tgt Ion: 88 Resp: 1454
Ion Ratio Lower Upper
88 100
43 14.2 26.8 40.2#
58 0.0 52.1 78.1#



#46
Methyl methacrylate
Concen: 2.05 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 41 Resp: 2755
Ion Ratio Lower Upper
41 100
69 91.1 45.5 136.5
39 73.3 32.5 97.5

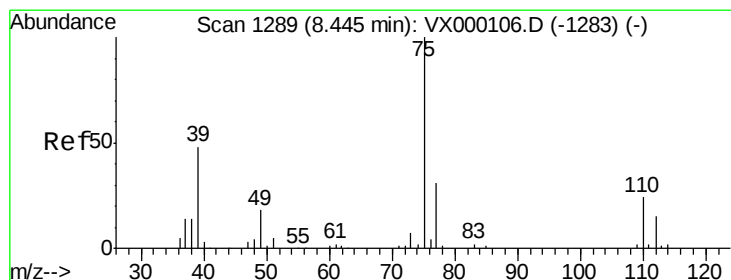
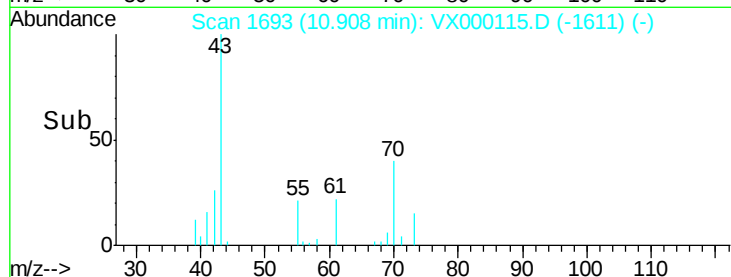
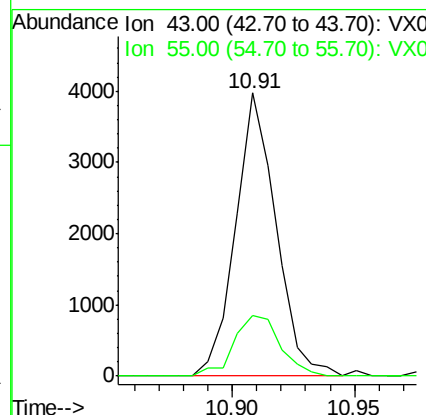
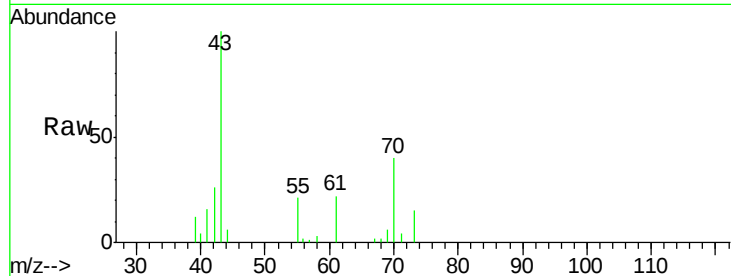




#47
n-amy1 Acetate
Concen: 1.90 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

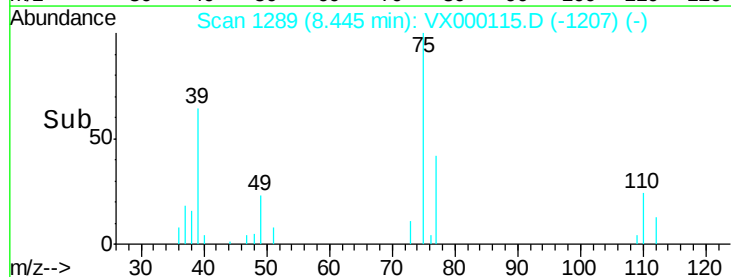
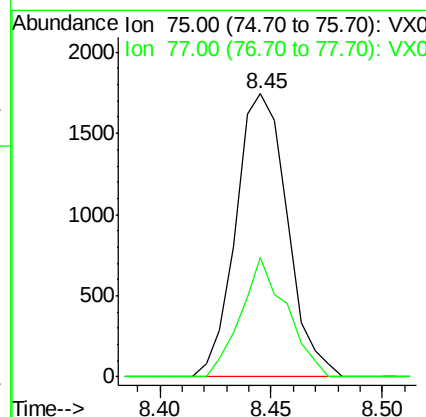
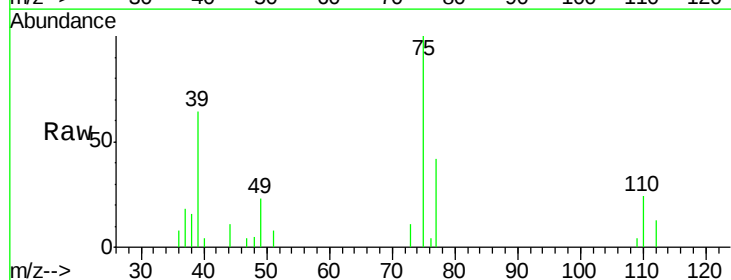
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

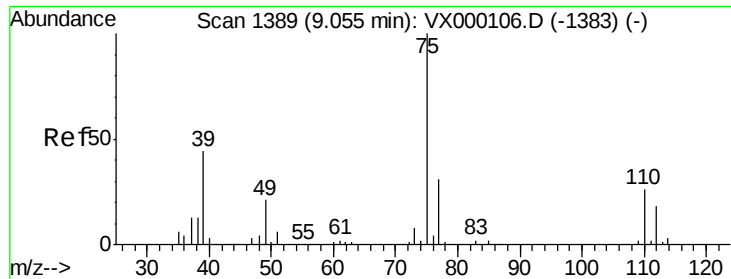
Tgt Ion: 43 Resp: 4568
Ion Ratio Lower Upper
43 100
55 24.5 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 1.65 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 75 Resp: 2813
Ion Ratio Lower Upper
75 100
77 42.2 24.6 37.0#

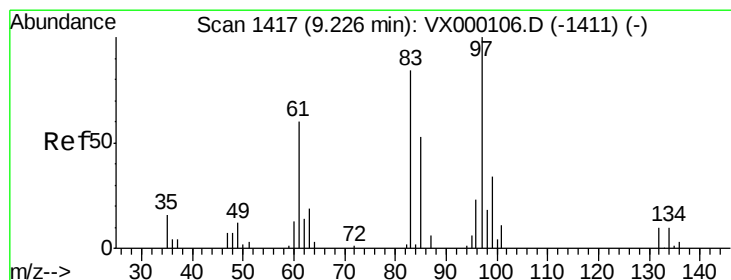
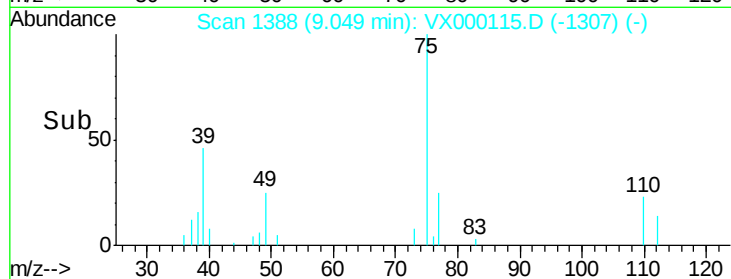
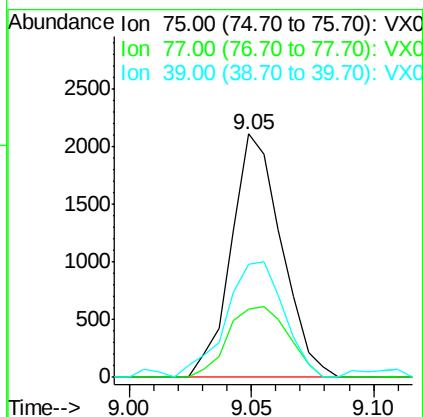
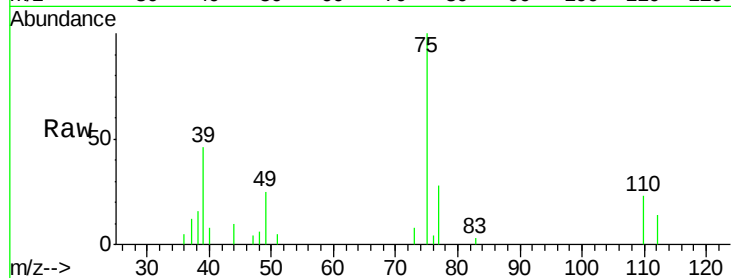




#49
 cis-1,3-Dichloropropene
 Concen: 1.82 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

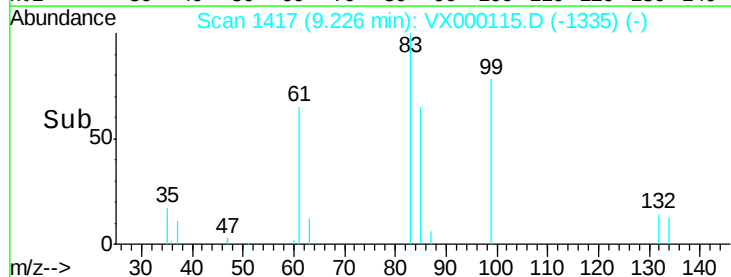
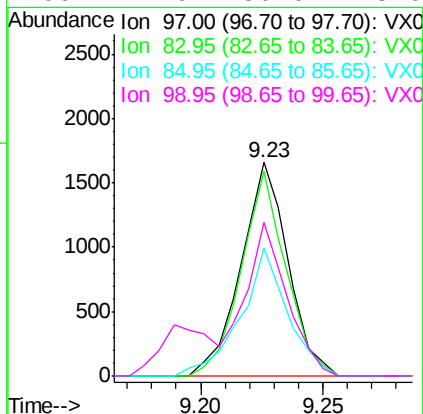
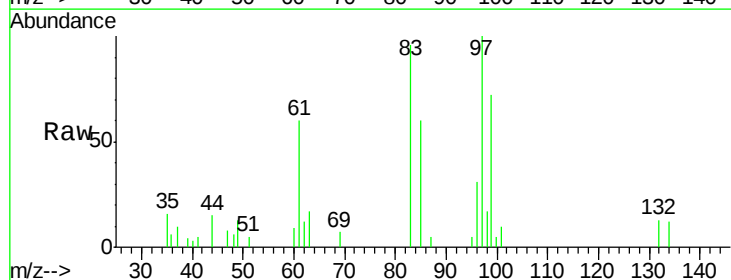
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02 2PPB

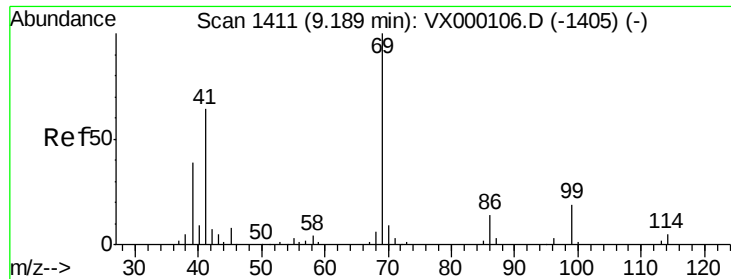
Tgt Ion: 75 Resp: 3013
 Ion Ratio Lower Upper
 75 100
 77 28.0 24.5 36.7
 39 46.4 35.6 53.4



#50
 1,1,2-Trichloroethane
 Concen: 1.95 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 97 Resp: 2205
 Ion Ratio Lower Upper
 97 100
 83 96.1 66.9 100.3
 85 60.2 44.4 66.6
 99 71.9 50.0 75.0

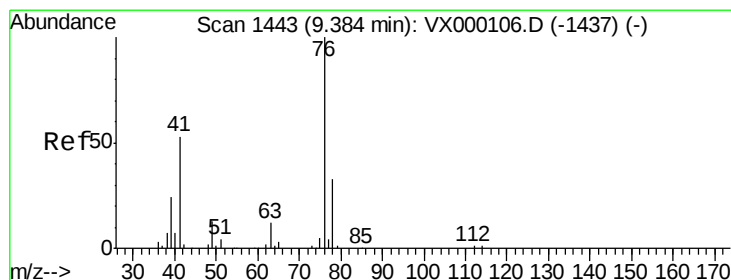
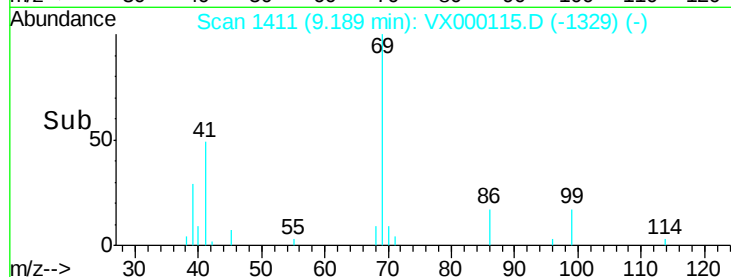
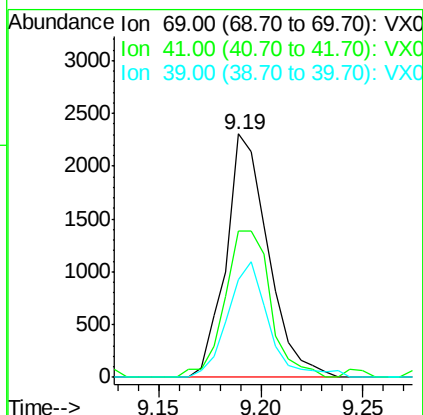
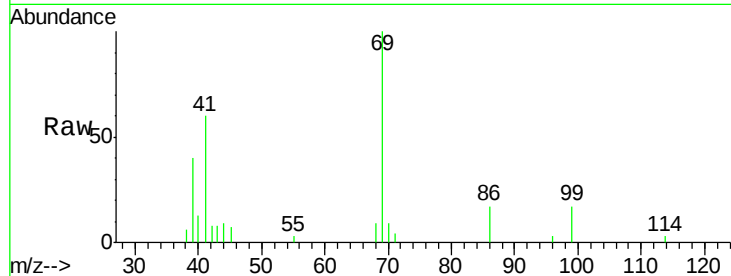




#51
Ethyl methacrylate
Concen: 1.91 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

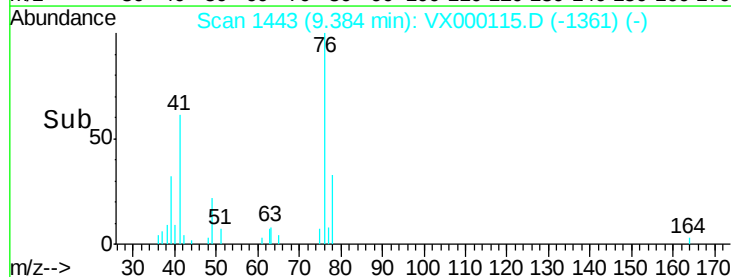
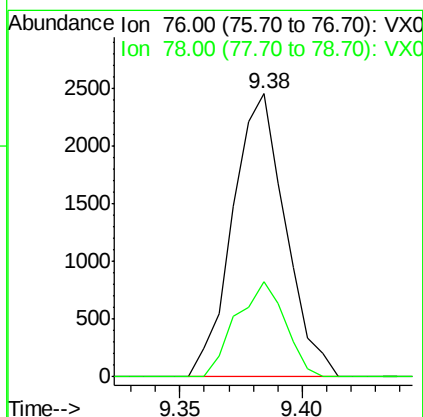
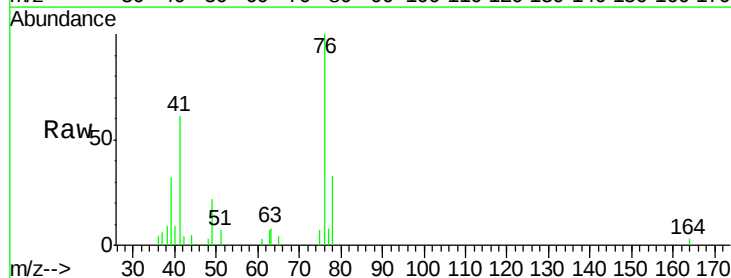
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

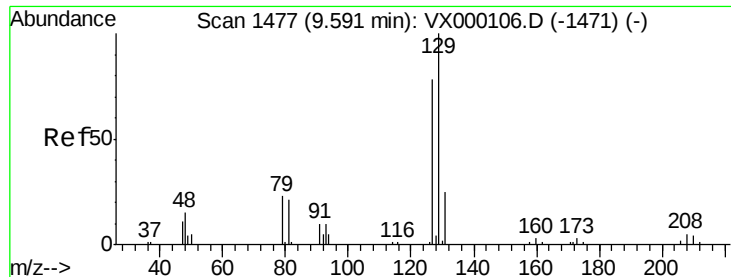
Tgt Ion: 69 Resp: 3299
Ion Ratio Lower Upper
69 100
41 60.3 32.1 96.3
39 40.3 19.6 58.7



#52
1,3-Dichloropropane
Concen: 2.04 ug/l
RT: 9.38 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 76 Resp: 3696
Ion Ratio Lower Upper
76 100
78 31.1 0.0 65.0

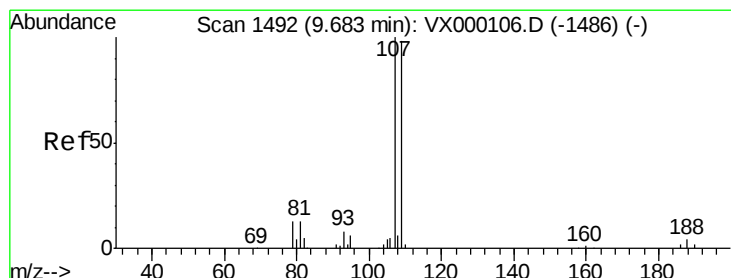
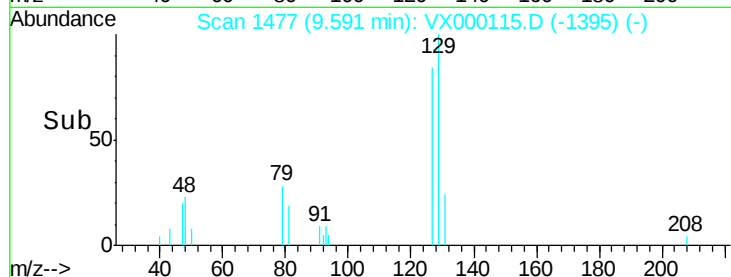
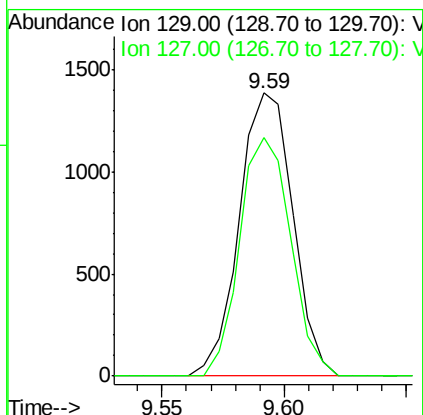
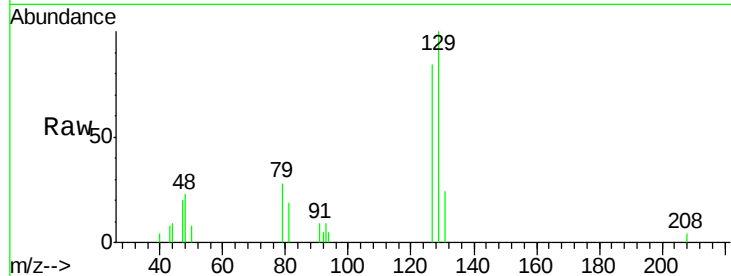




#53
Dibromochloromethane
Concen: 1.68 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

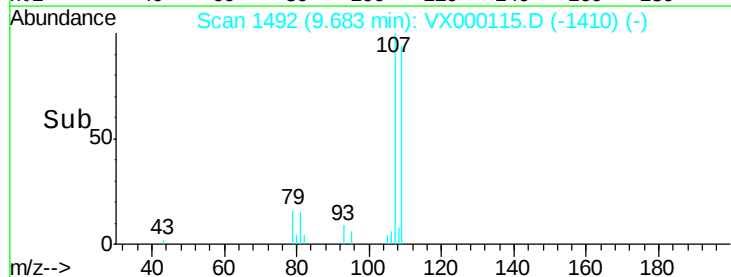
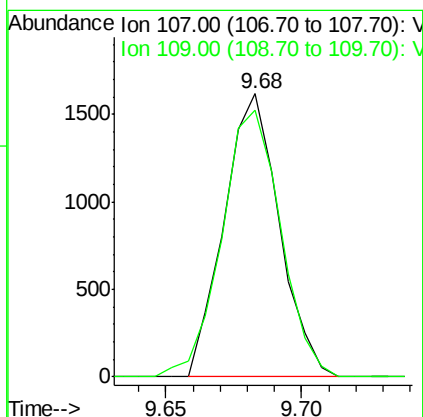
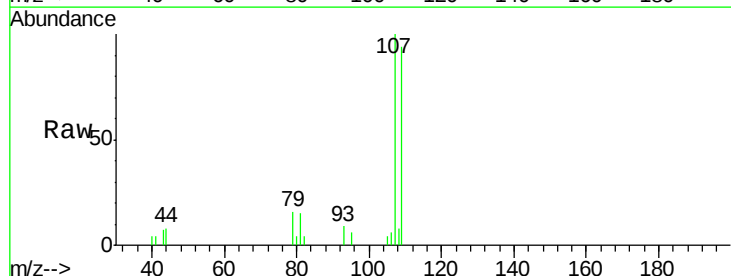
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

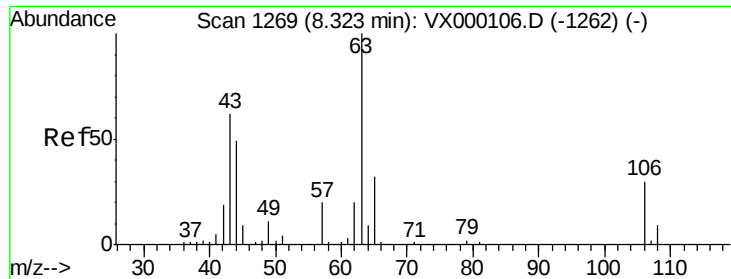
Tgt Ion:129 Resp: 2115
Ion Ratio Lower Upper
129 100
127 80.6 37.5 112.5



#54
1,2-Dibromoethane
Concen: 1.81 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion:107 Resp: 2280
Ion Ratio Lower Upper
107 100
109 100.7 74.5 111.7

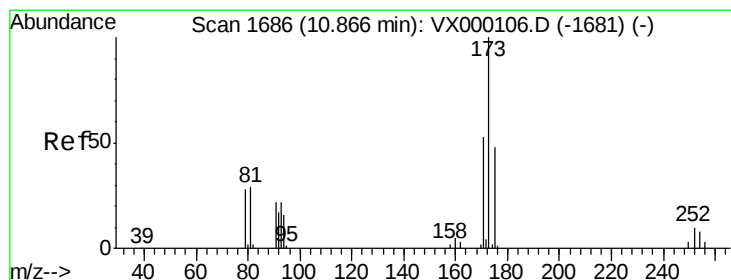
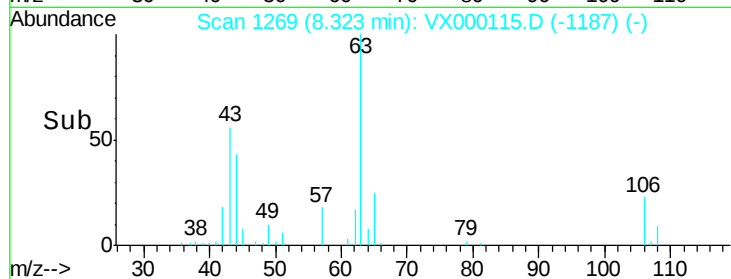
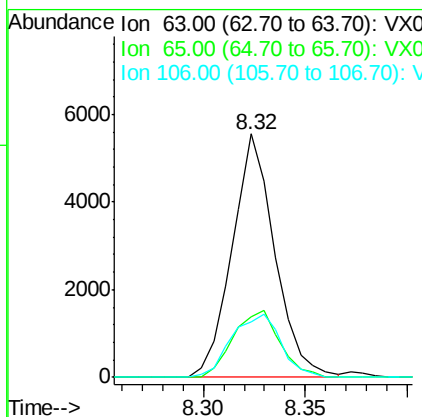
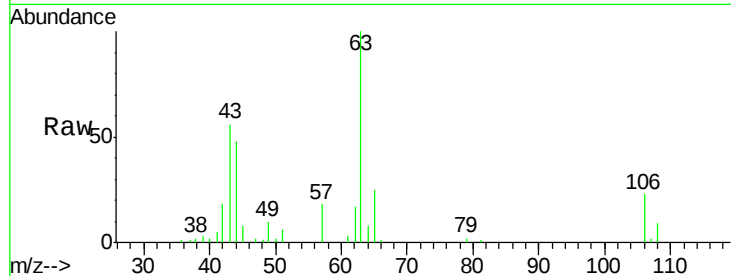




#55
2-Chloroethyl vinyl ether
Concen: 10.64 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

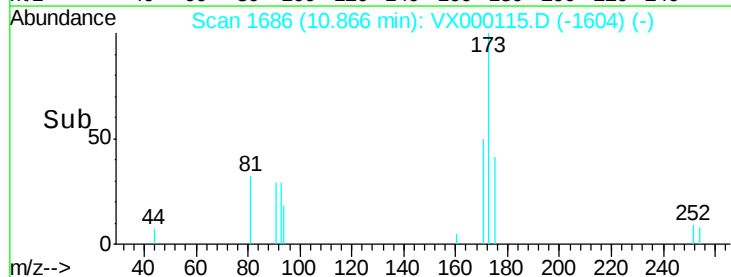
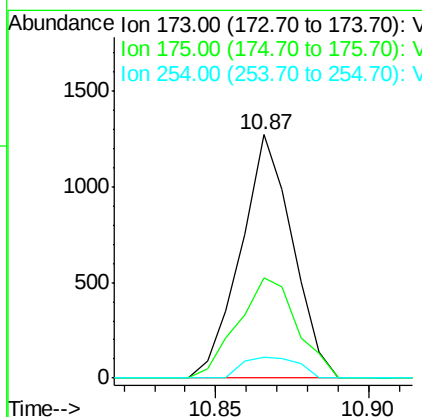
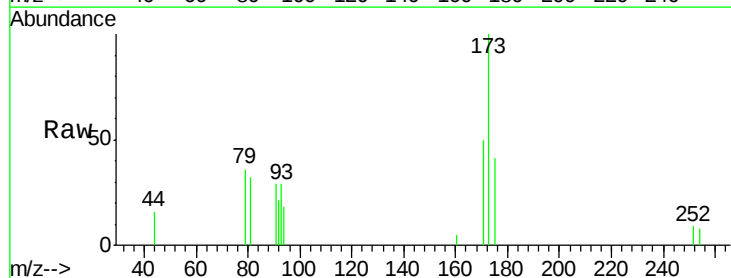
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

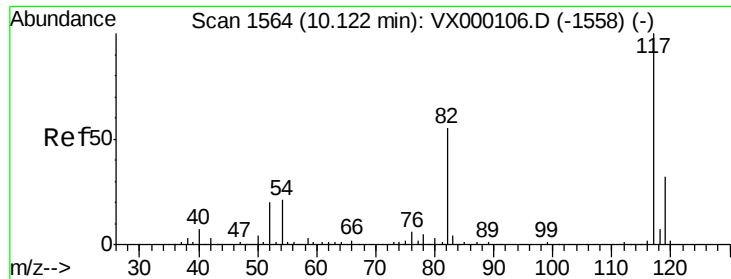
Tgt Ion: 63 Resp: 8043
Ion Ratio Lower Upper
63 100
65 30.2 25.8 38.8
106 30.1 23.8 35.6



#56
Bromoform
Concen: 1.47 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 173 Resp: 1497
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.4
254 9.1 7.0 10.4

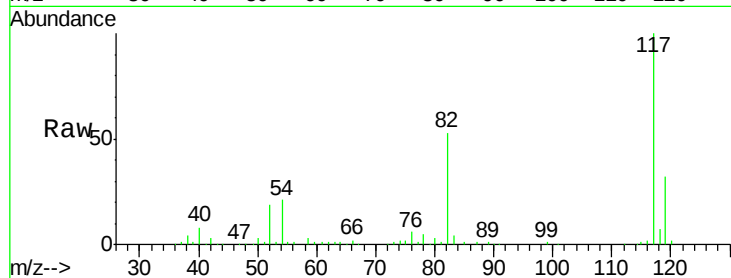




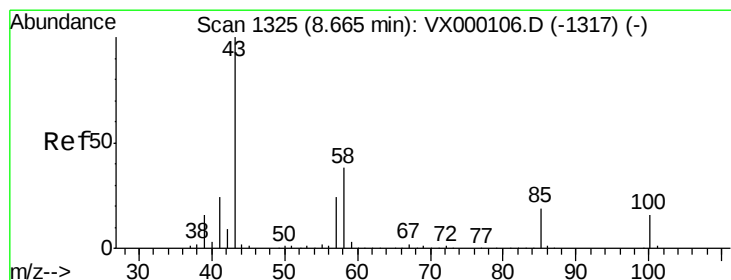
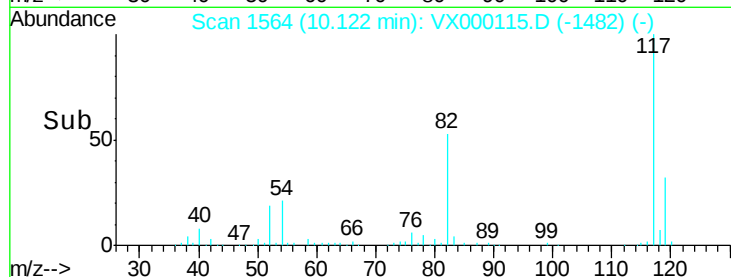
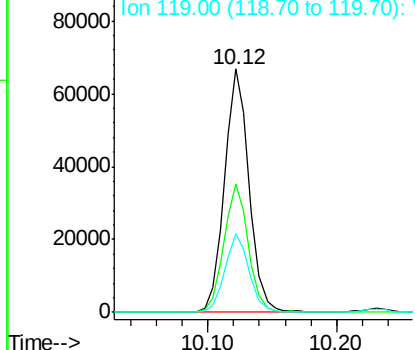
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tgt Ion: 117 Resp: 89717
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.9 25.8 38.8

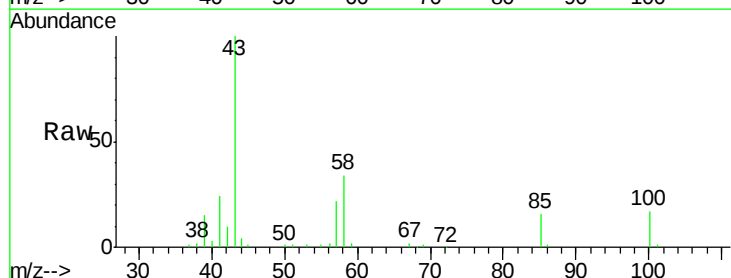


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

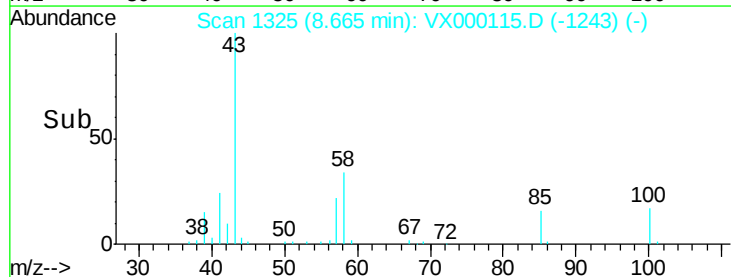
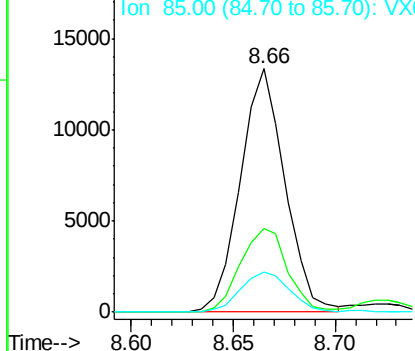


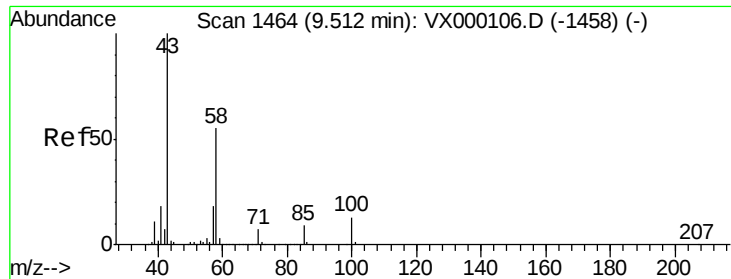
#58
4-Methyl-2-Pentanone
Concen: 10.33 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 43 Resp: 20298
Ion Ratio Lower Upper
43 100
58 35.9 29.8 44.8
85 17.8 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

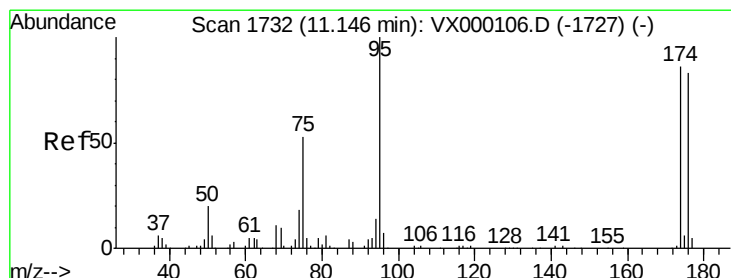
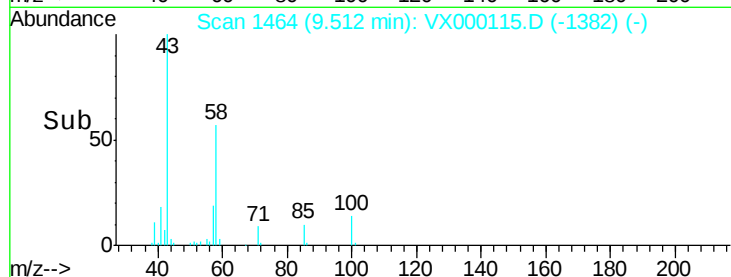
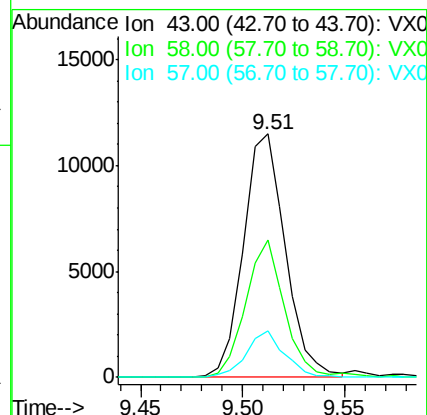
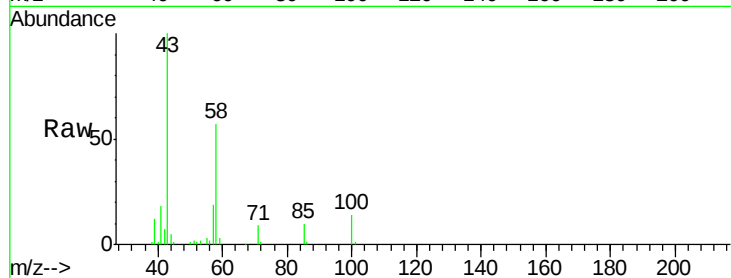




#59
2-Hexanone
Concen: 9.89 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

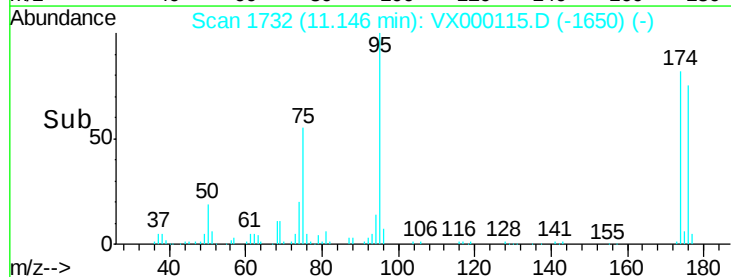
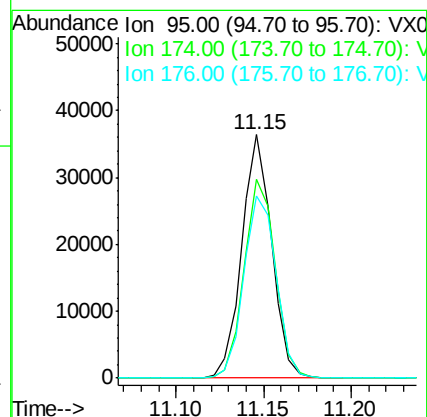
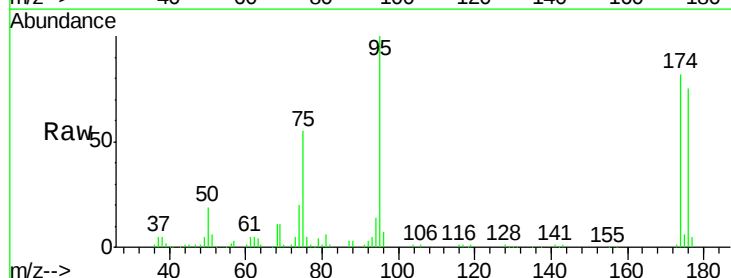
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

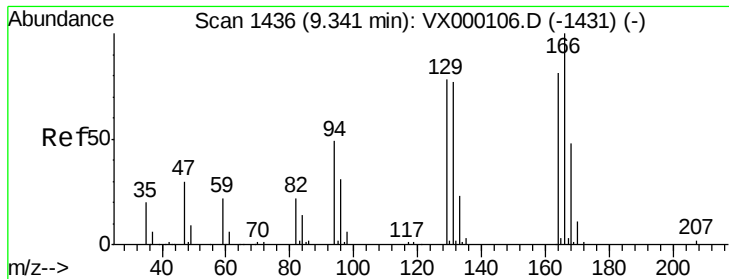
Tgt Ion: 43 Resp: 16450
Ion Ratio Lower Upper
43 100
58 51.6 43.0 64.6
57 17.4 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.47 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 95 Resp: 43257
Ion Ratio Lower Upper
95 100
174 85.2 71.1 106.7
176 81.2 69.3 103.9

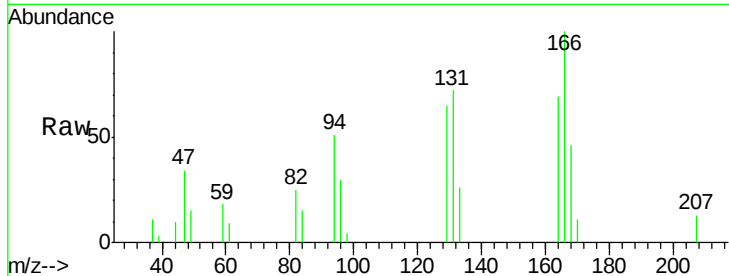




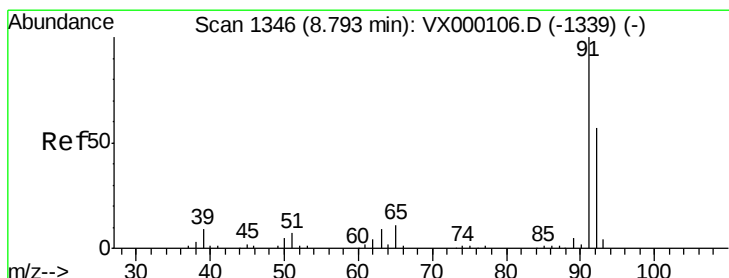
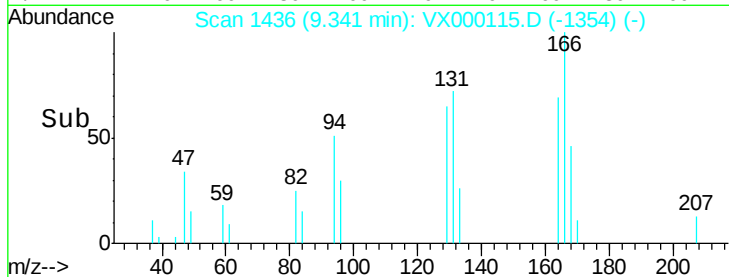
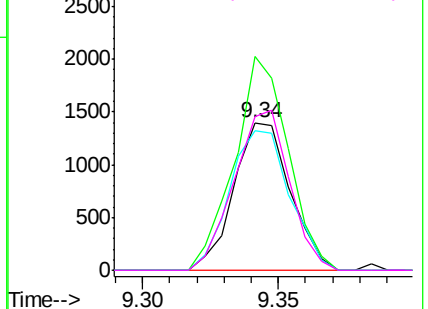
#61
Tetrachloroethene
Concen: 1.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tgt Ion: 164 Resp: 2013
Ion Ratio Lower Upper
164 100
166 145.0 99.0 148.4
129 94.8 77.0 115.6
131 104.2 75.8 113.6

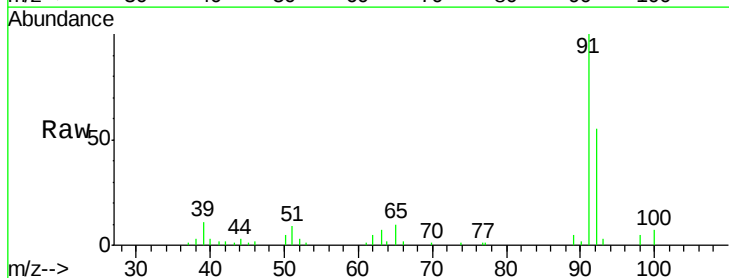


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

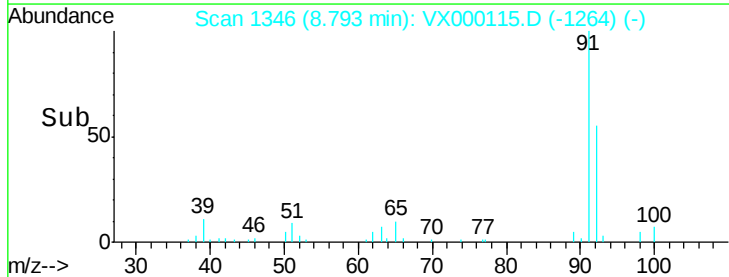
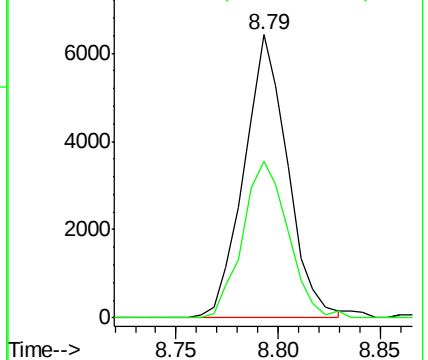


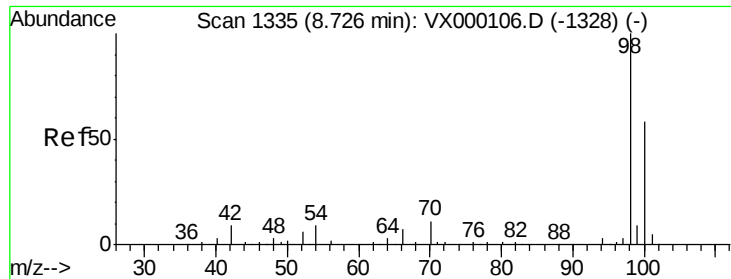
#62
Toluene
Concen: 2.03 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 91 Resp: 9497
Ion Ratio Lower Upper
91 100
92 58.0 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.67 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

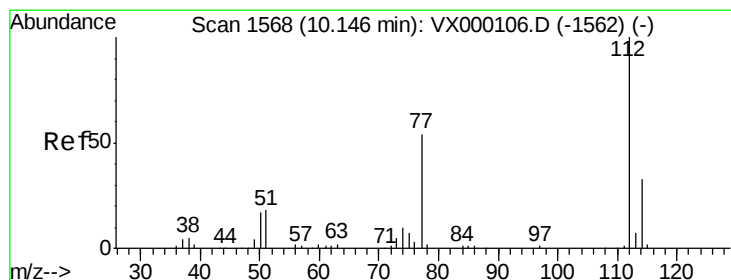
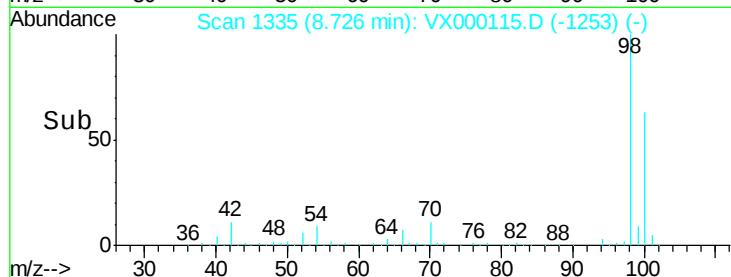
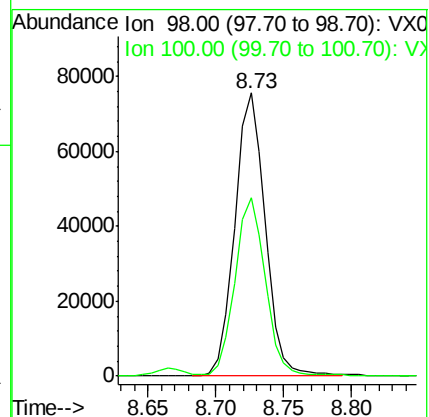
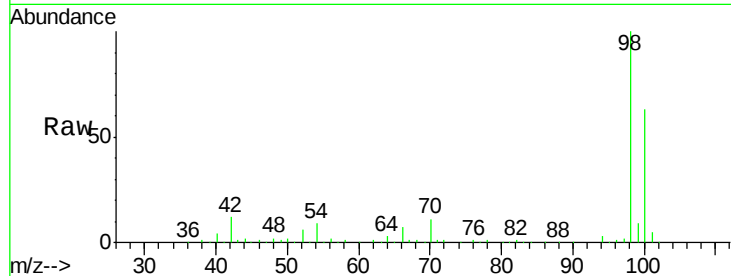
MDL02 2PPB

Tgt Ion: 98 Resp: 117879

Ion Ratio Lower Upper

98 100

100 61.7 50.0 75.0



#64

Chlorobenzene

Concen: 2.02 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000115.D

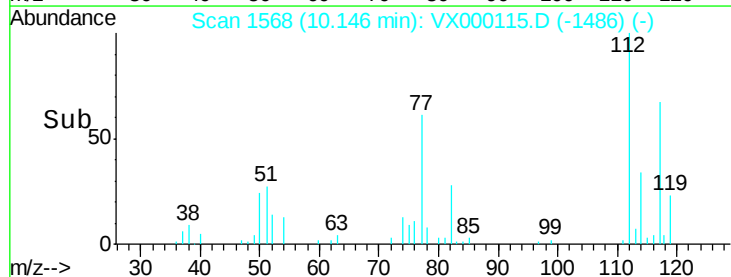
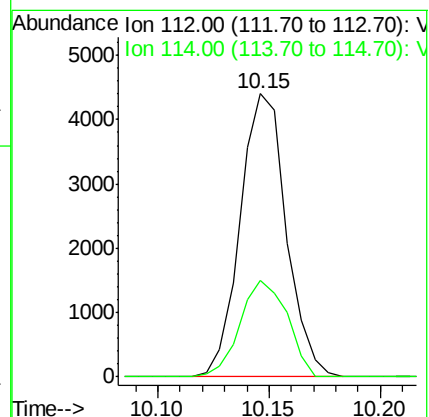
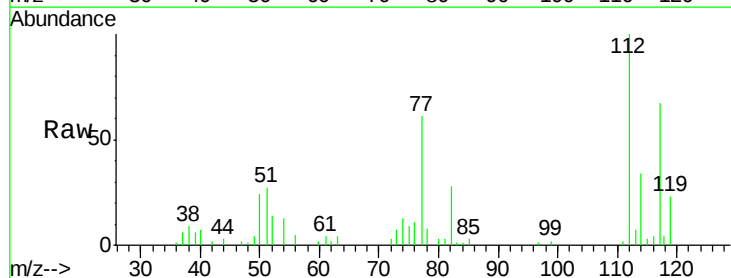
Acq: 20 Feb 2018 18:46

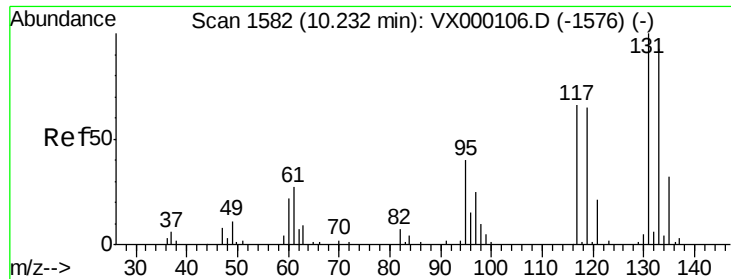
Tgt Ion: 112 Resp: 6359

Ion Ratio Lower Upper

112 100

114 34.3 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 1.73 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

MDL02 2PPB

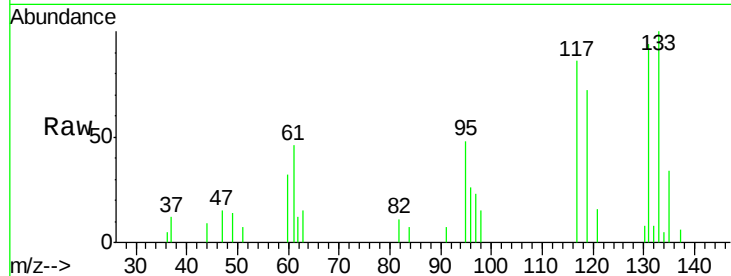
Tgt Ion:131 Resp: 1935

Ion Ratio Lower Upper

131 100

133 100.7 0.0 187.6

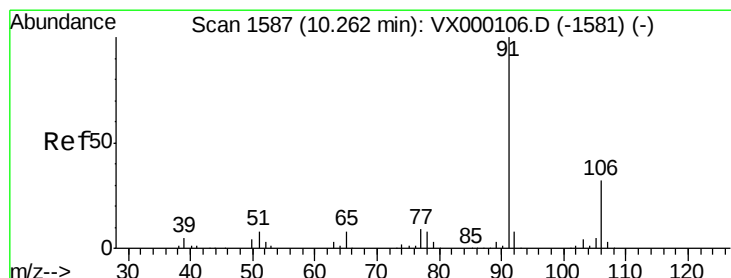
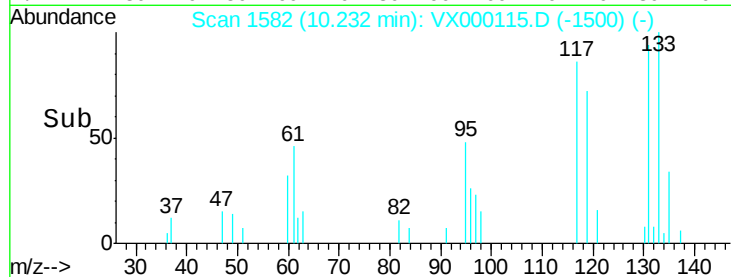
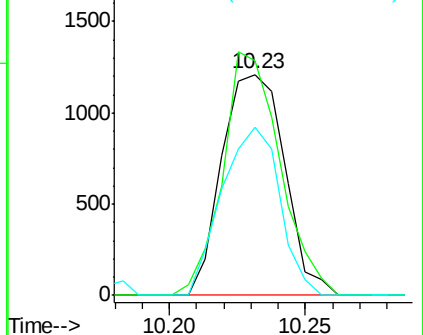
119 70.4 0.0 134.0



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: 1.99 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000115.D

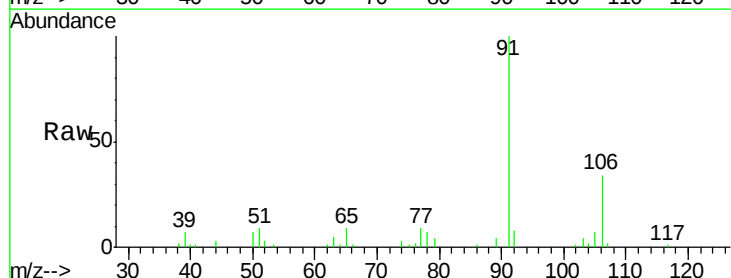
Acq: 20 Feb 2018 18:46

Tgt Ion: 91 Resp: 10608

Ion Ratio Lower Upper

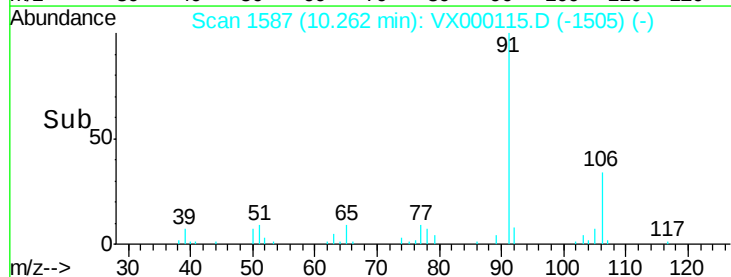
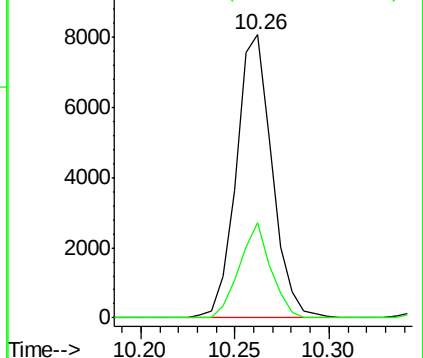
91 100

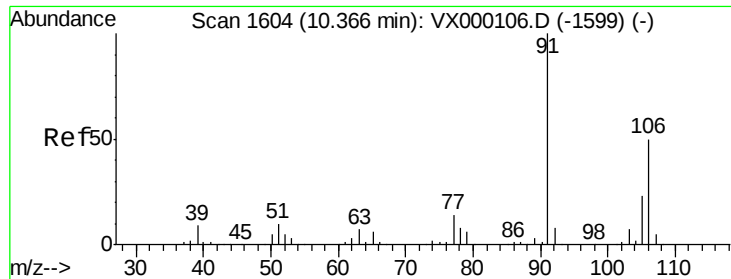
106 33.8 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

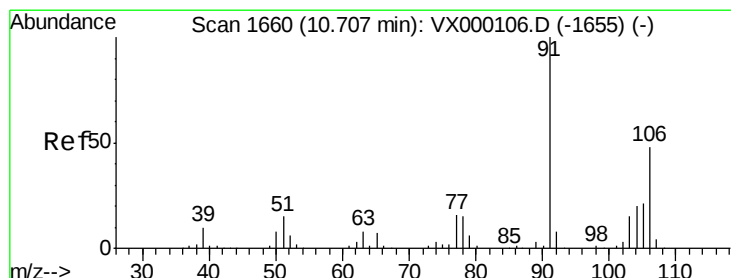
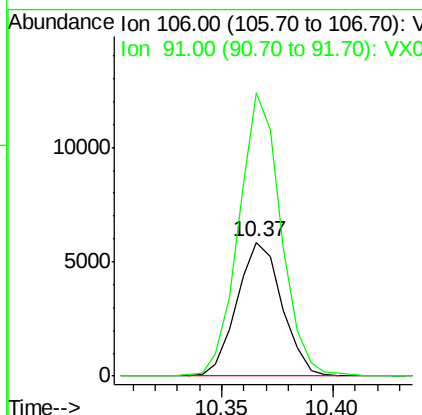
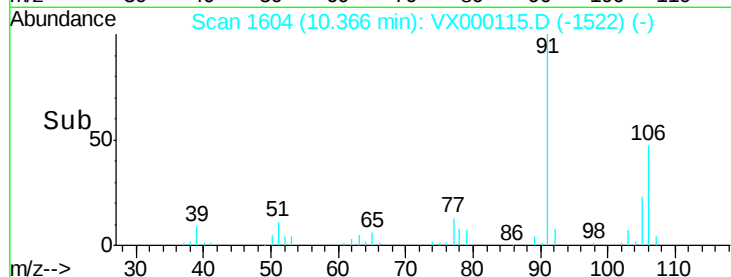
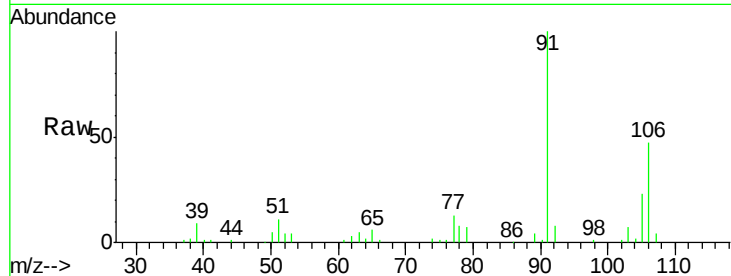




#67
m/p-Xylenes
Concen: 3.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

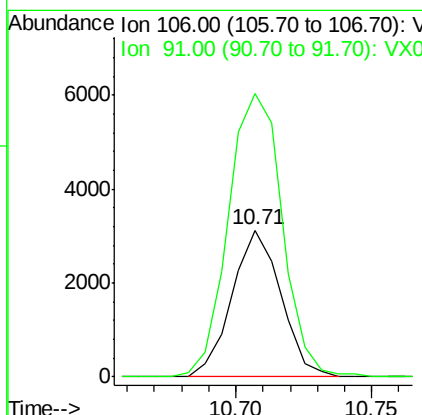
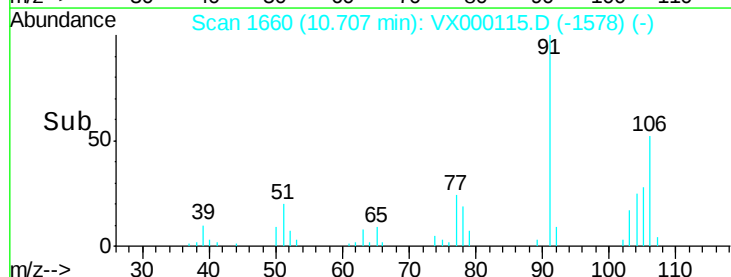
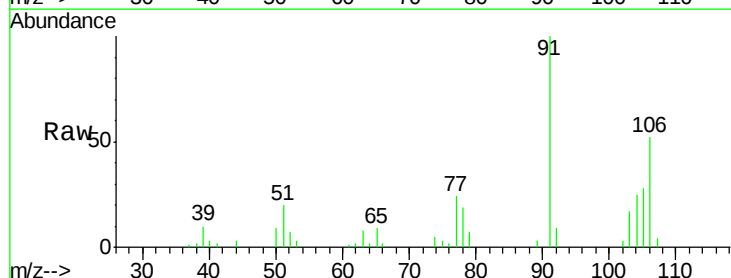
Instrument :
MSVOA_X
ClientSampled :
MDL02 2PPB

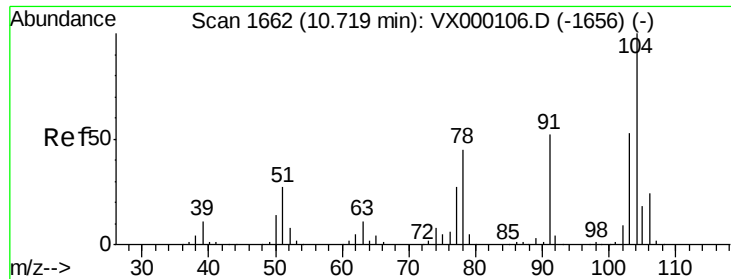
Tgt Ion:106 Resp: 8250
Ion Ratio Lower Upper
106 100
91 198.1 161.6 242.4



#68
o-Xylene
Concen: 1.93 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion:106 Resp: 3910
Ion Ratio Lower Upper
106 100
91 212.1 105.6 316.8

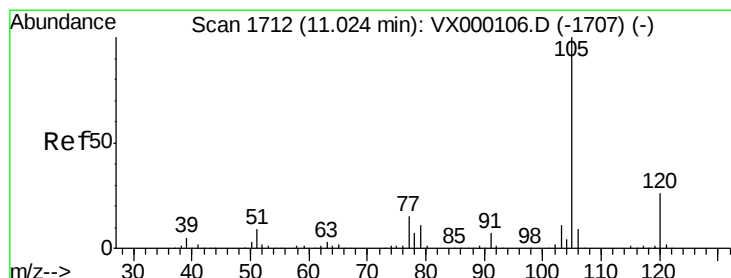
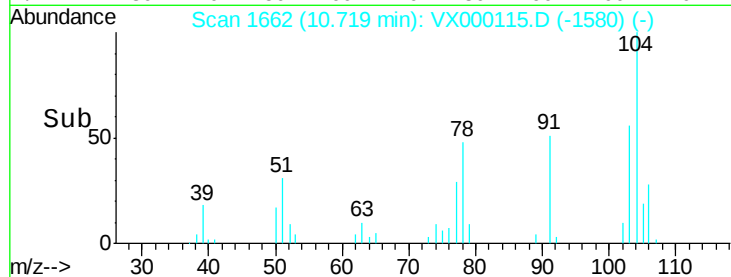
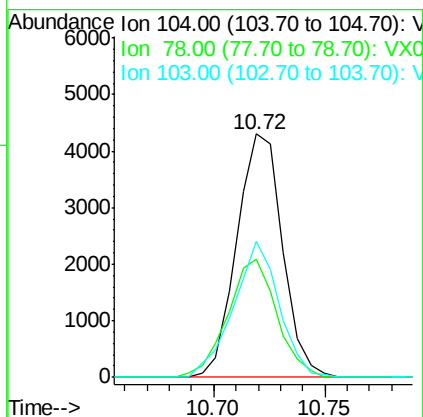
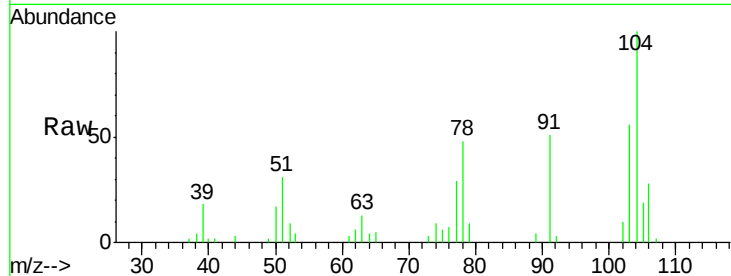




#69
Styrene
Concen: 1.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

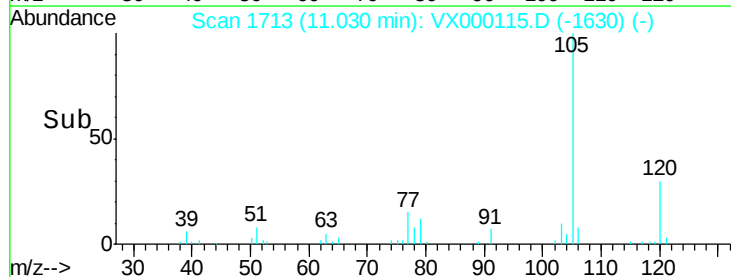
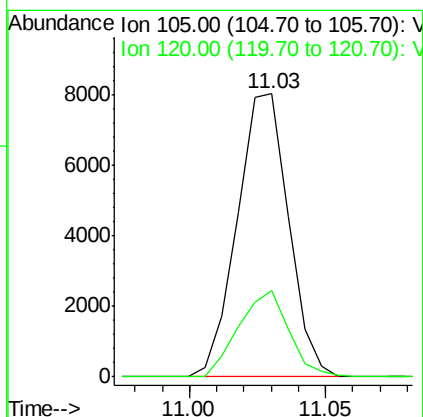
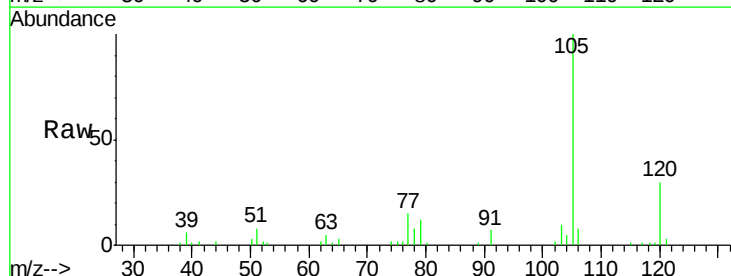
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

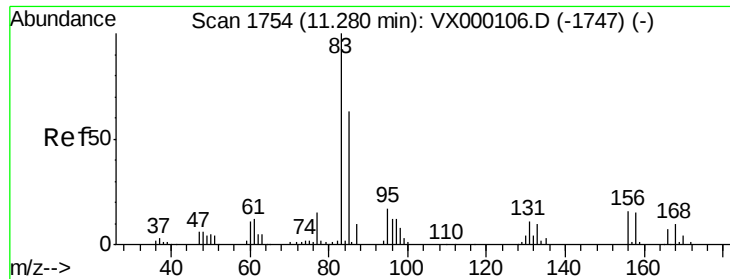
Tgt Ion:104 Resp: 6142
Ion Ratio Lower Upper
104 100
78 52.1 39.0 58.4
103 56.0 44.7 67.1



#70
Isopropylbenzene
Concen: 1.92 ug/l
RT: 11.03 min Scan# 1713
Delta R.T. 0.01 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion:105 Resp: 10546
Ion Ratio Lower Upper
105 100
120 29.6 18.8 35.0

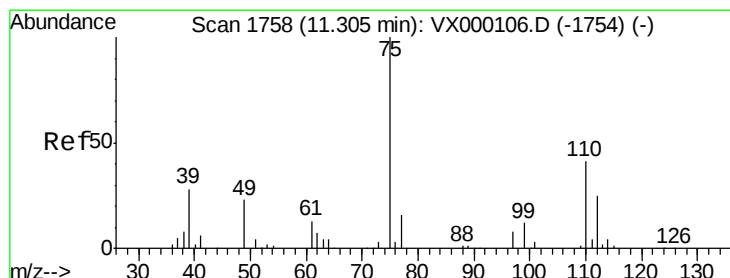
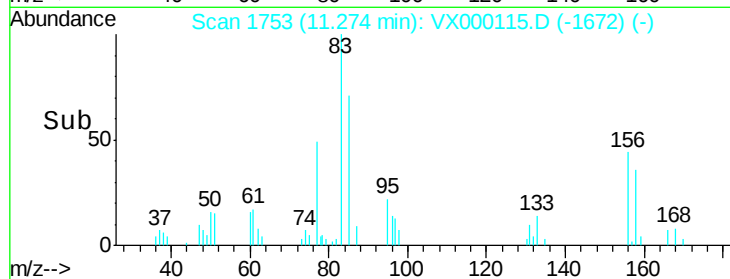
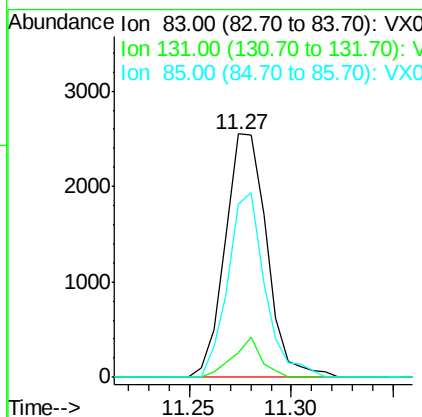
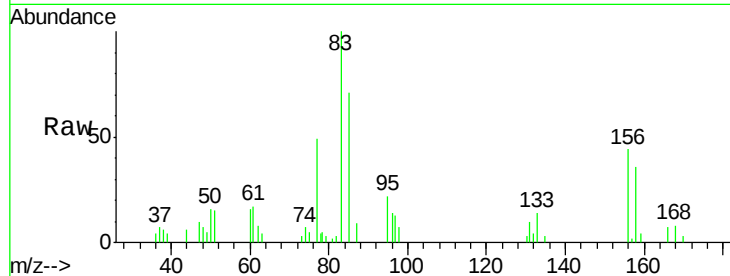




#71
 1,1,2,2-Tetrachloroethane
 Concen: 1.92 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

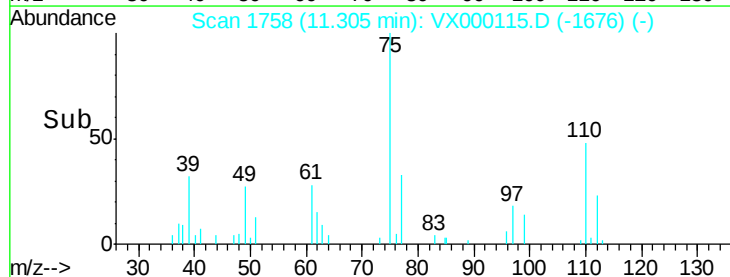
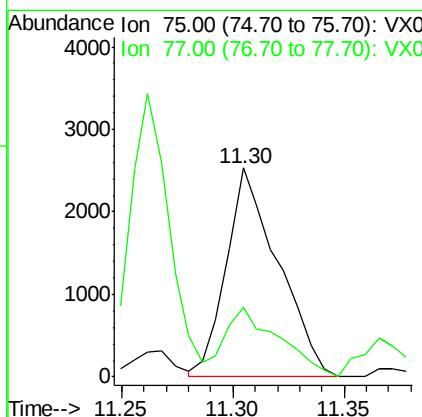
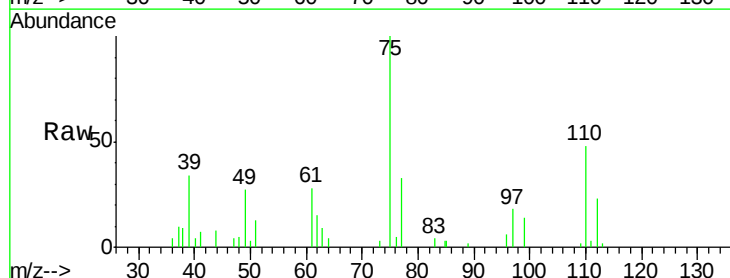
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

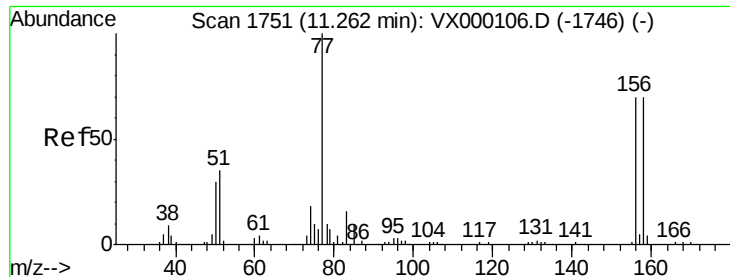
Tgt Ion: 83 Resp: 3614
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.3 16.1
 85 67.5 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 2.43 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 75 Resp: 4115
 Ion Ratio Lower Upper
 75 100
 77 34.6 0.0 85.8





#73

Bromobenzene

Concen: 1.78 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

MDL02 2PPB

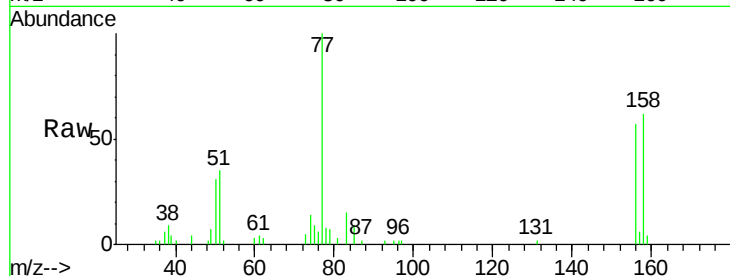
Tgt Ion:156 Resp: 2565

Ion Ratio Lower Upper

156 100

77 165.5 0.0 280.2

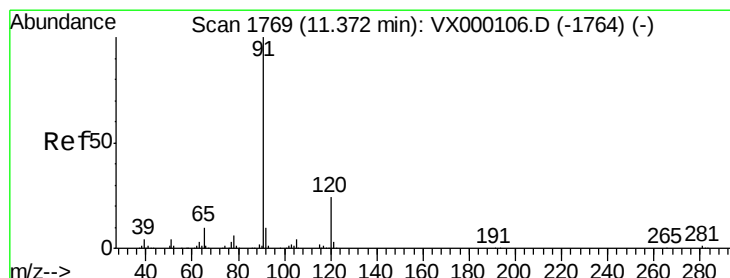
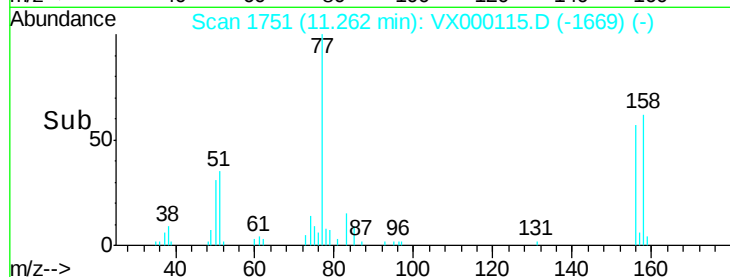
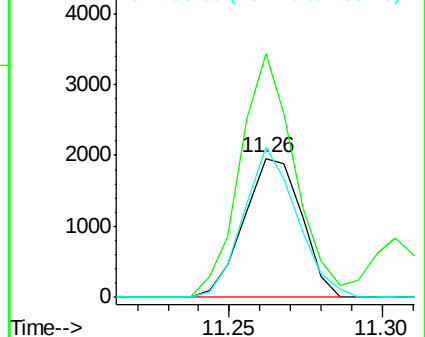
158 99.7 0.0 197.2



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: 1.98 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. -0.00 min

Lab File: VX000115.D

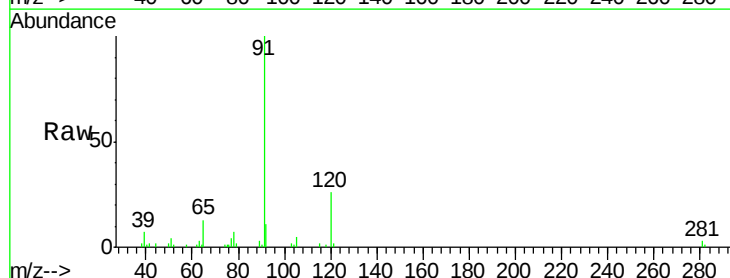
Acq: 20 Feb 2018 18:46

Tgt Ion: 91 Resp: 12722

Ion Ratio Lower Upper

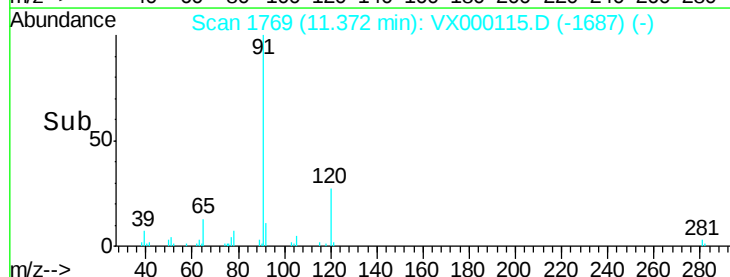
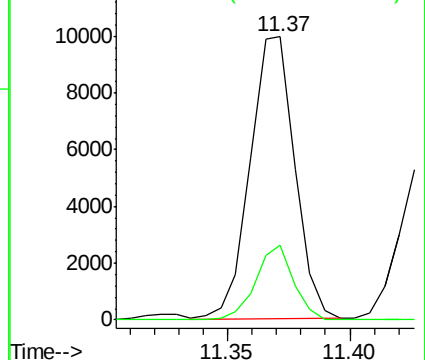
91 100

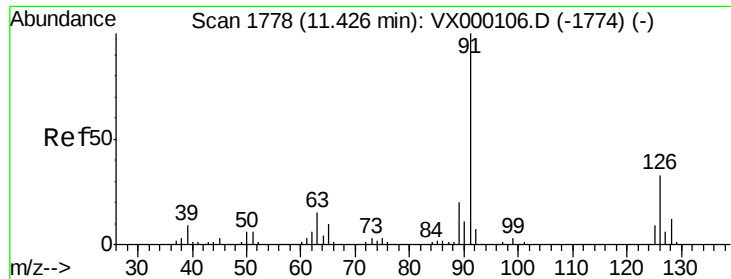
120 22.3 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 1.96 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX000115.D

Acq: 20 Feb 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

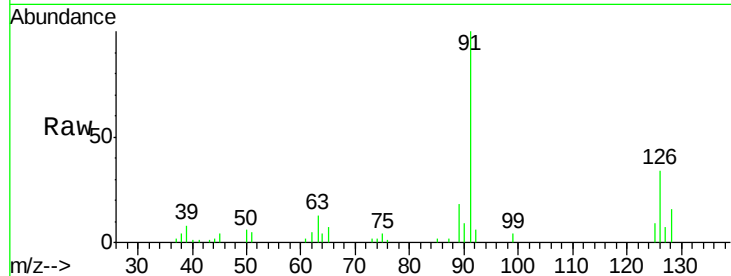
MDL02 2PPB

Tgt Ion: 91 Resp: 7230

Ion Ratio Lower Upper

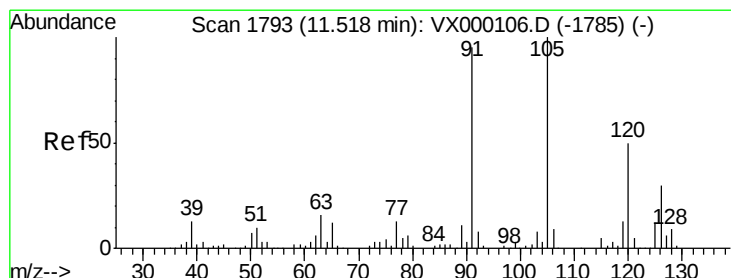
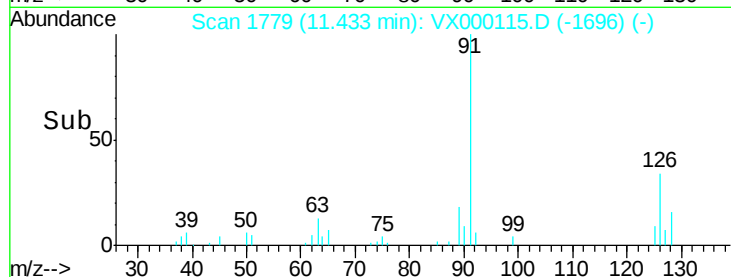
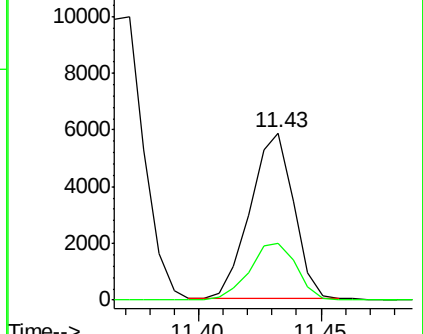
91 100

126 37.2 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX000106.D (-1774) (-)

Ion 126.00 (125.70 to 126.70): VX000106.D (-1774) (-)



#76

1,3,5-Trimethylbenzene

Concen: 1.87 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000115.D

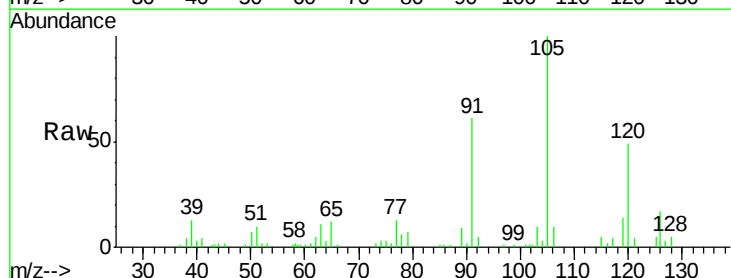
Acq: 20 Feb 2018 18:46

Tgt Ion: 105 Resp: 8694

Ion Ratio Lower Upper

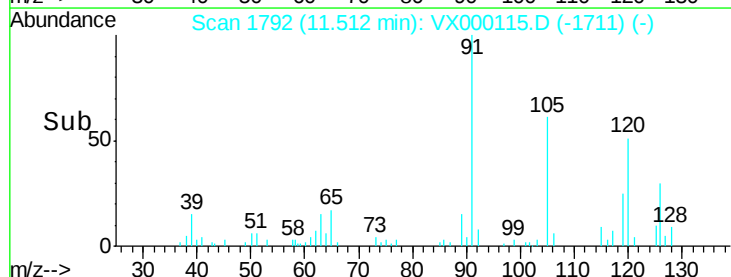
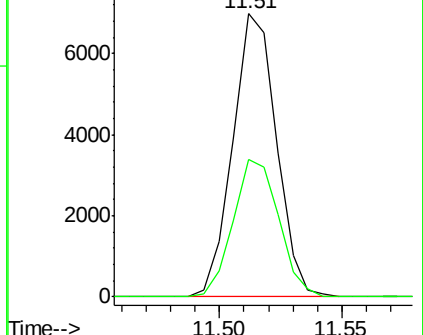
105 100

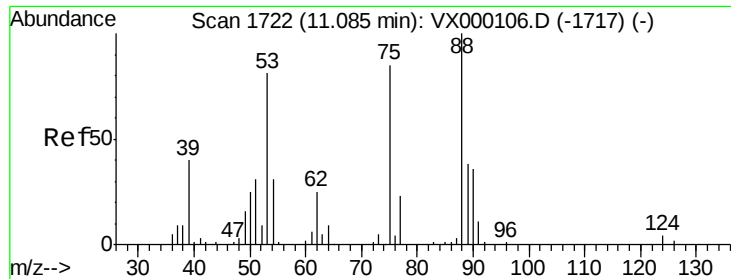
120 50.6 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX000106.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX000106.D (-1785) (-)

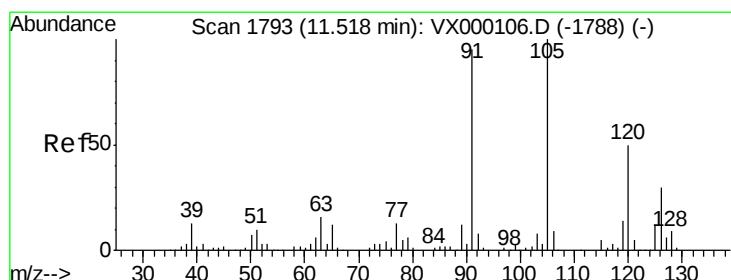
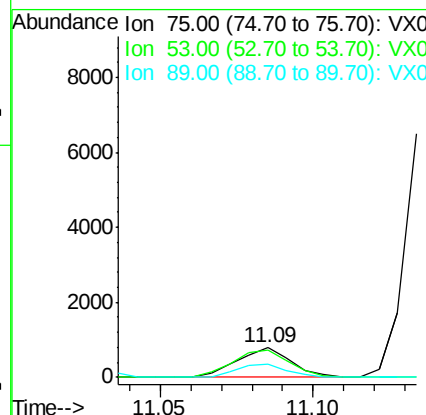
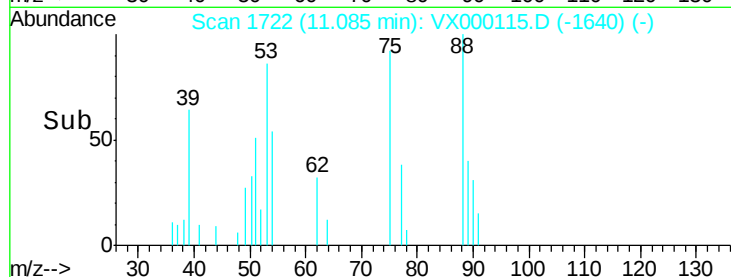
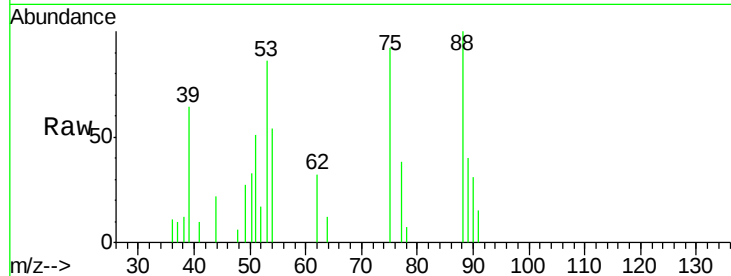




#77
t-1,4-Dichloro-2-butene
Concen: 1.60 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

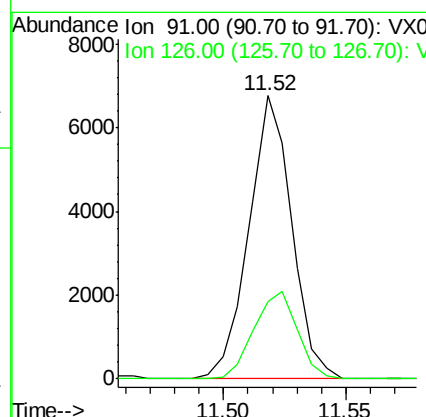
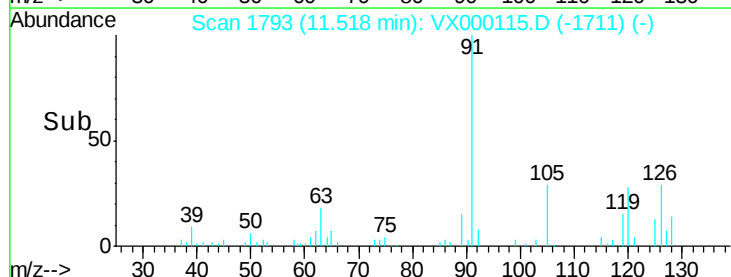
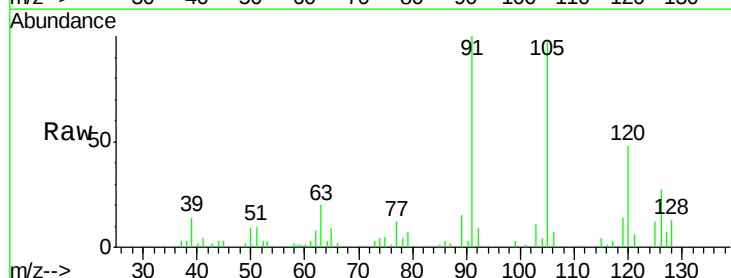
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

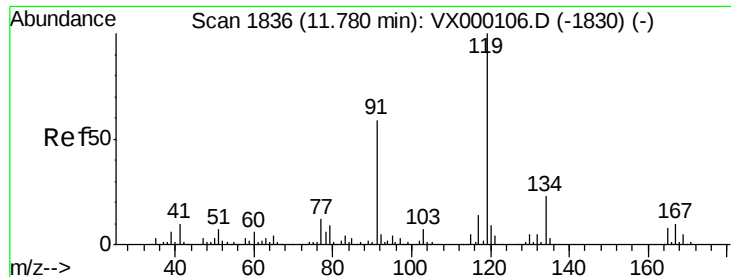
Tgt Ion: 75 Resp: 960
Ion Ratio Lower Upper
75 100
53 92.7 47.8 143.3
89 43.7 22.3 66.8



#78
4-Chlorotoluene
Concen: 1.86 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 91 Resp: 8252
Ion Ratio Lower Upper
91 100
126 31.4 0.0 63.4

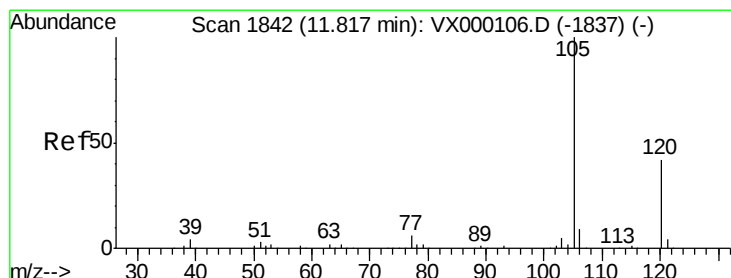
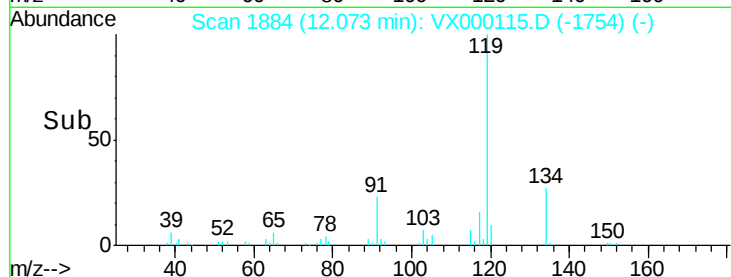
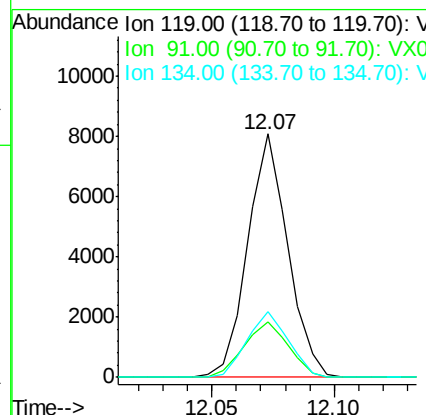
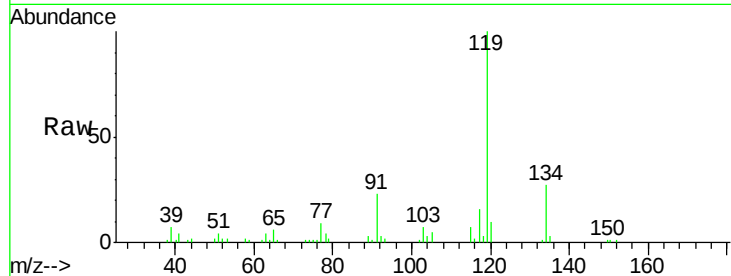




#79
tert-butylbenzene
Concen: 1.98 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.29 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

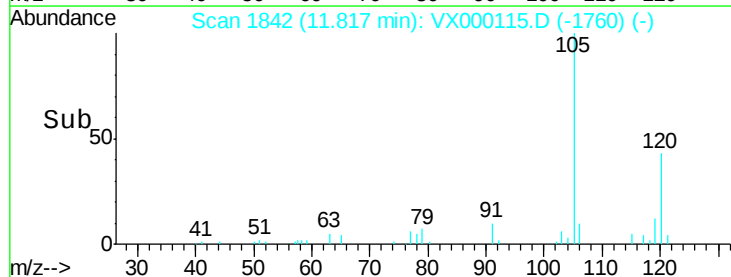
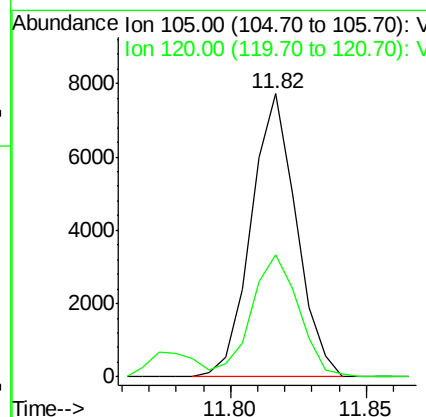
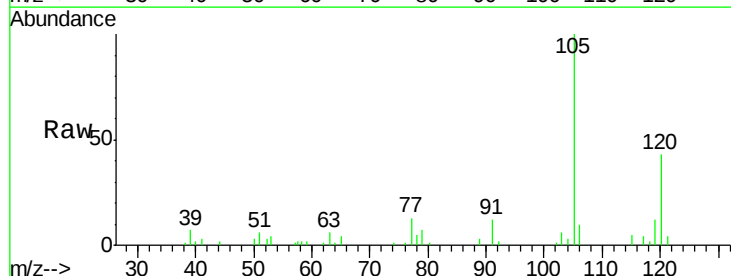
Instrument :
MSVOA_X
ClientSampled :
MDL02 2PPB

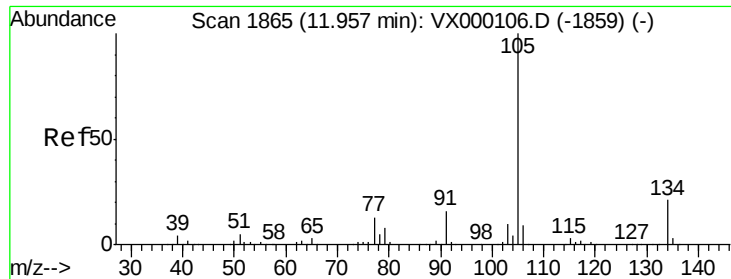
Tgt Ion:119 Resp: 9175
Ion Ratio Lower Upper
119 100
91 25.2 0.0 51.6
134 28.0 0.0 60.2



#80
1,2,4-Trimethylbenzene
Concen: 1.87 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion:105 Resp: 8870
Ion Ratio Lower Upper
105 100
120 45.1 0.0 93.0

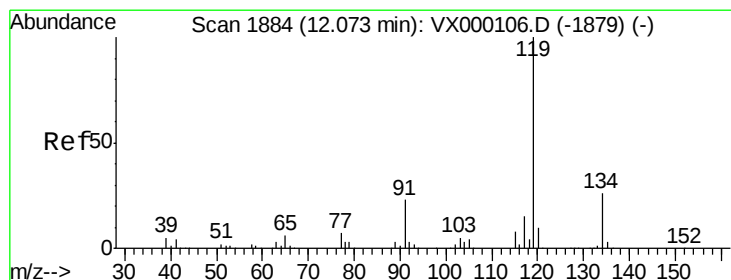
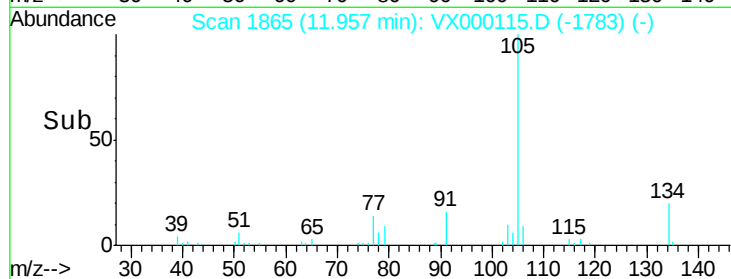
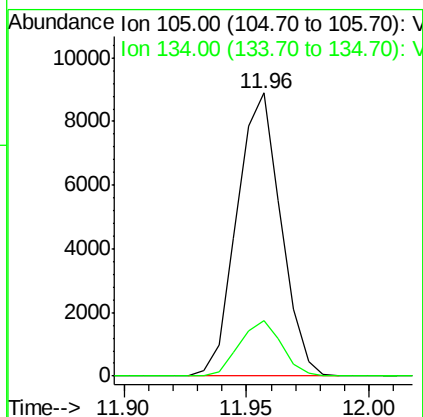
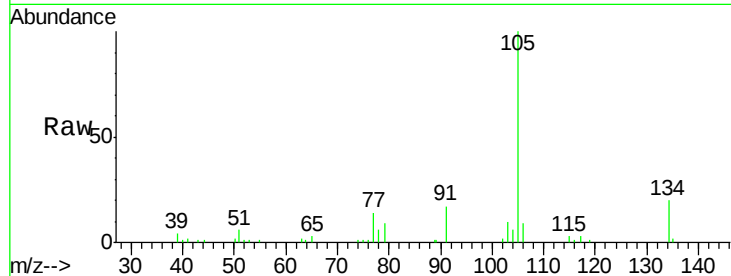




#81
 sec-Butylbenzene
 Concen: 1.94 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

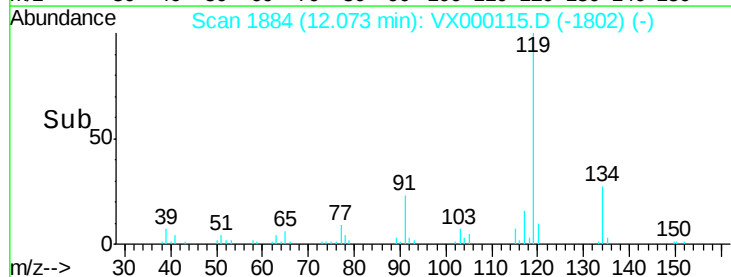
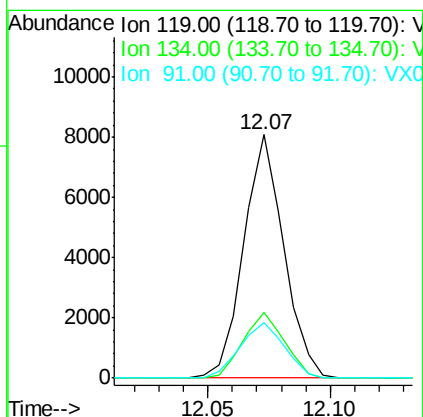
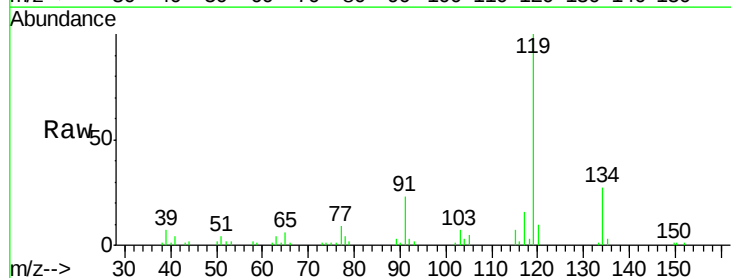
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

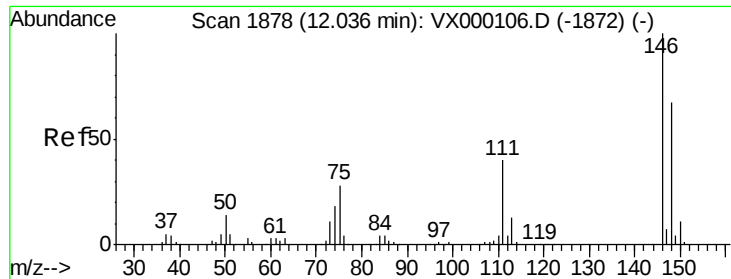
Tgt Ion:105 Resp: 11113
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 1.80 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion:119 Resp: 9175
 Ion Ratio Lower Upper
 119 100
 134 28.0 0.0 54.4
 91 25.2 0.0 46.6

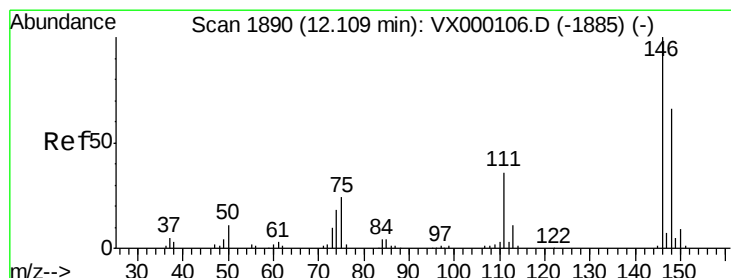
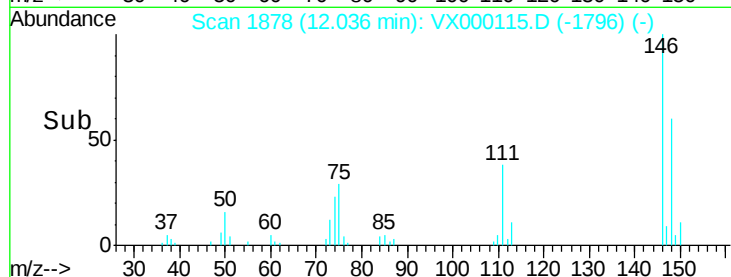
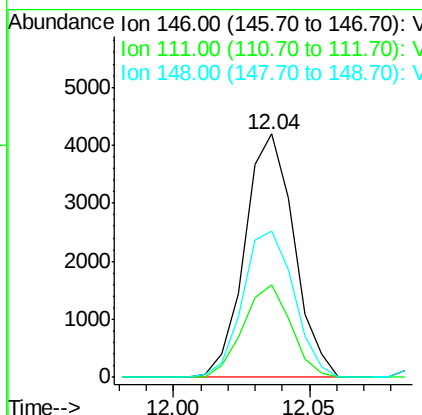
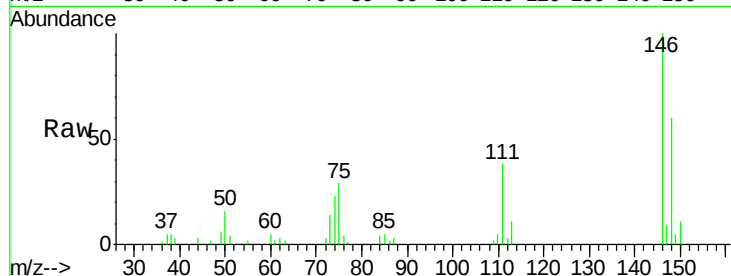




#83
 1,3-Dichlorobenzene
 Concen: 1.92 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

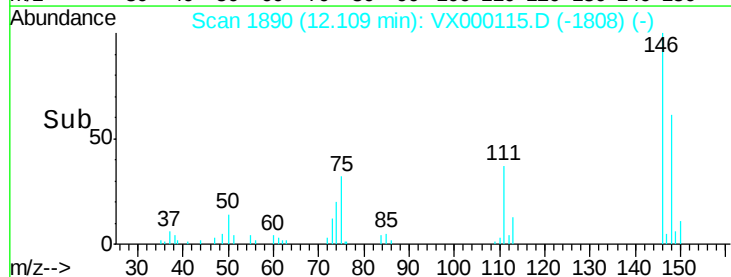
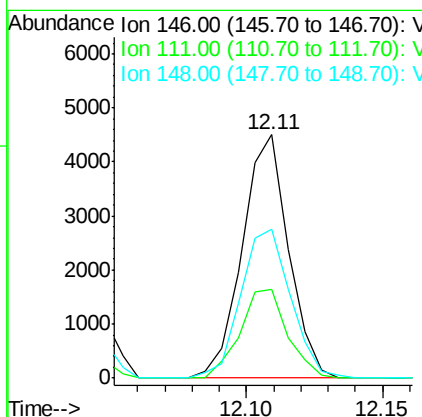
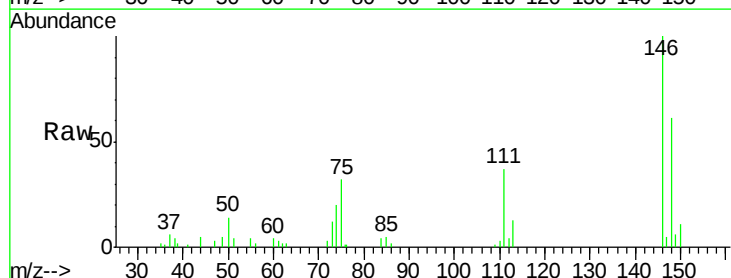
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02 2PPB

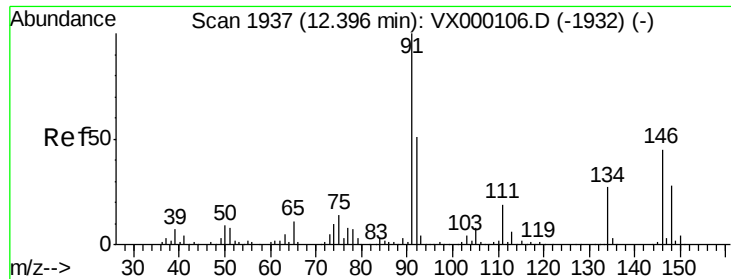
Tgt Ion:146 Resp: 5257
 Ion Ratio Lower Upper
 146 100
 111 36.7 19.4 58.2
 148 62.4 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 1.86 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion:146 Resp: 5299
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.0
 148 66.2 31.9 95.7

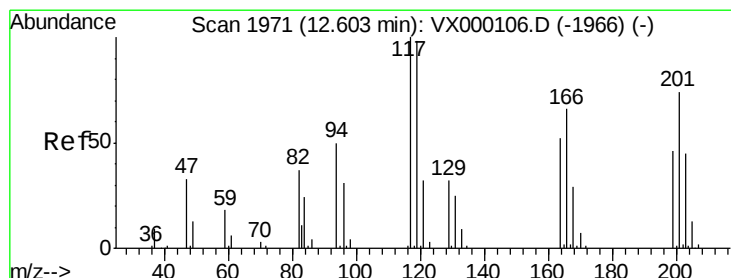
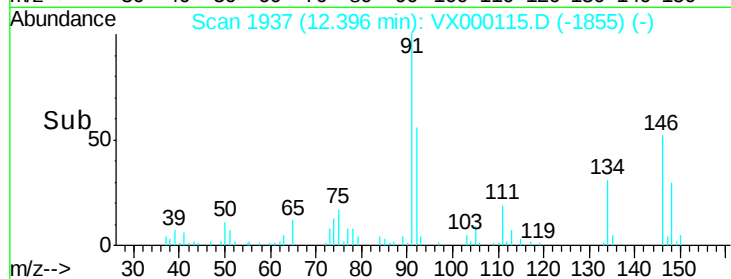
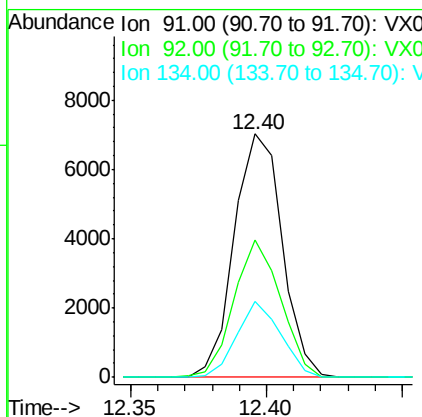
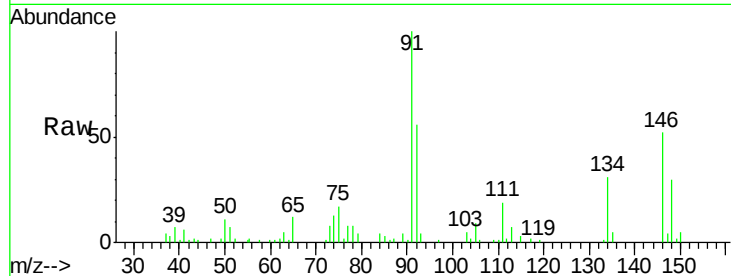




#85
n-Butylbenzene
Concen: 1.79 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

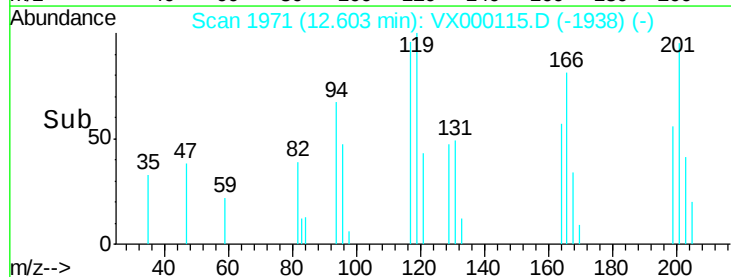
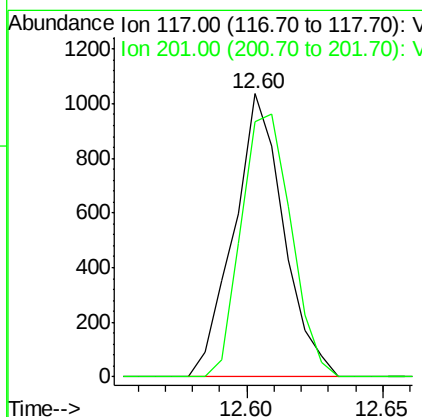
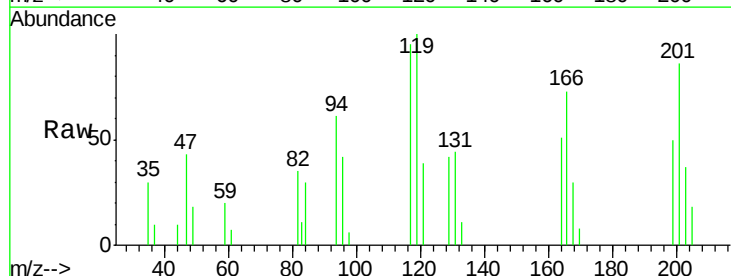
Instrument :
MSVOA_X
ClientSampleId :
MDL02 2PPB

Tgt Ion: 91 Resp: 8580
Ion Ratio Lower Upper
91 100
92 55.0 0.0 102.0
134 28.8 0.0 54.2



#86
Hexachloroethane
Concen: 1.54 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion: 117 Resp: 1315
Ion Ratio Lower Upper
117 100
201 93.3 38.9 116.6

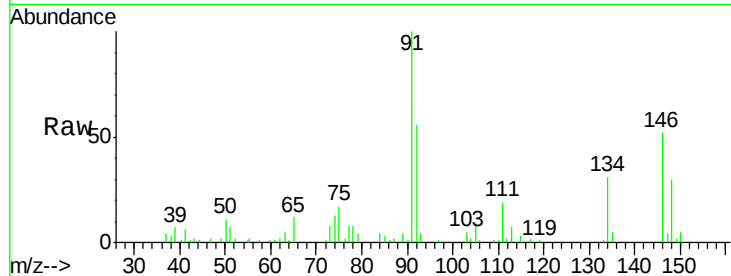




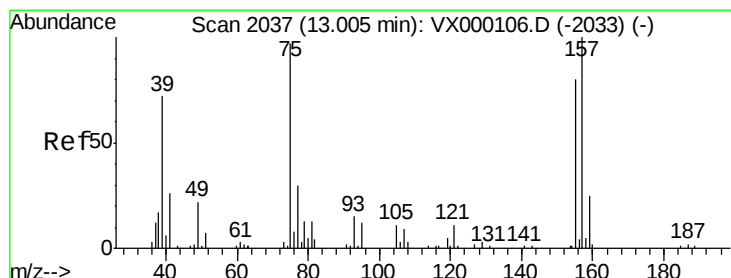
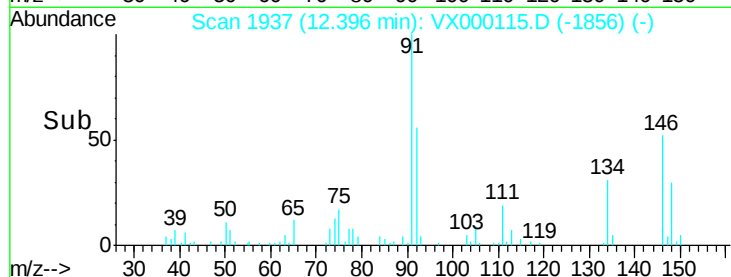
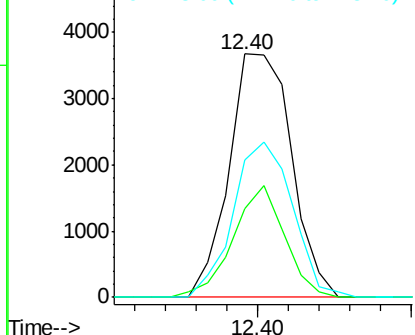
#87
 1,2-Dichlorobenzene
 Concen: 1.91 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

Tgt Ion: 146 Resp: 5181
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.0 60.0
 148 61.4 31.6 95.0

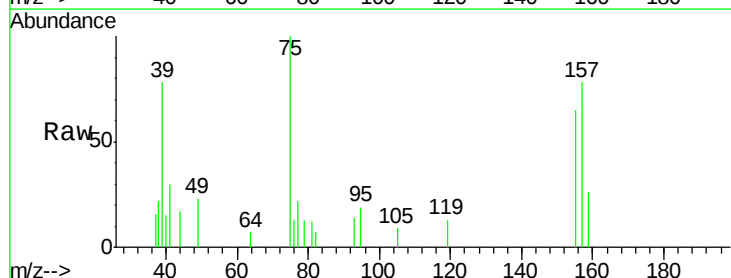


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

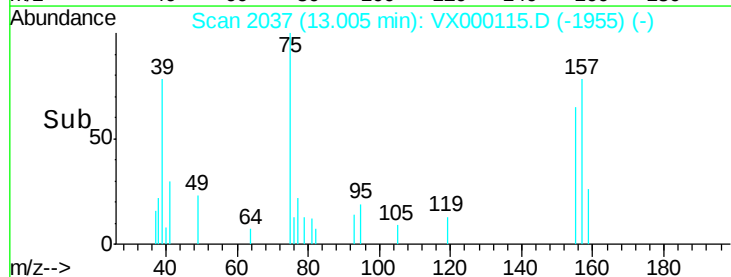
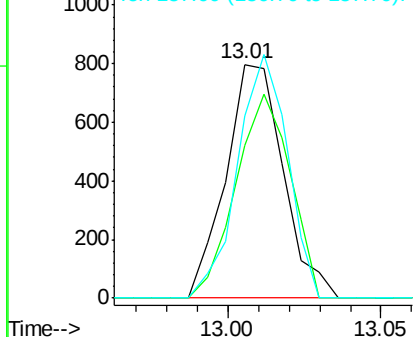


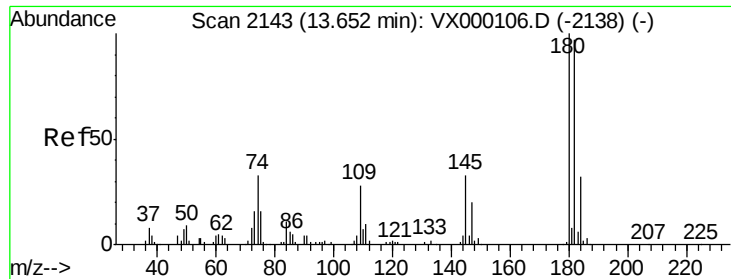
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 1.97 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion: 75 Resp: 1037
 Ion Ratio Lower Upper
 75 100
 155 82.8 75.1 112.7
 157 90.3 99.0 148.4#



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

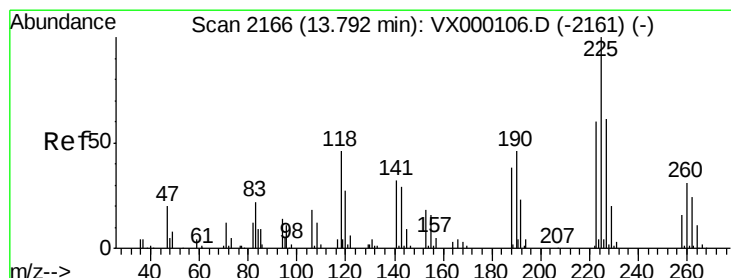
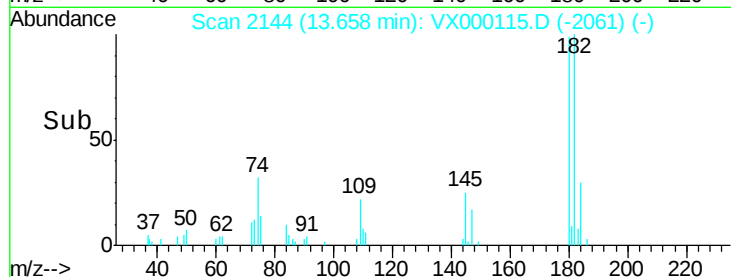
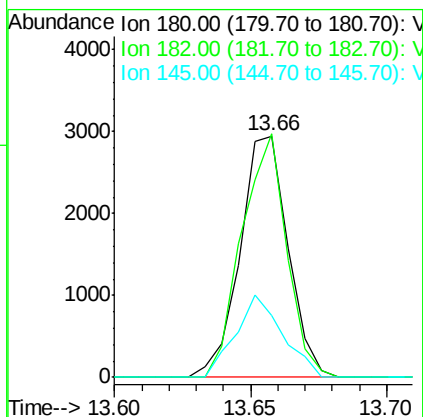
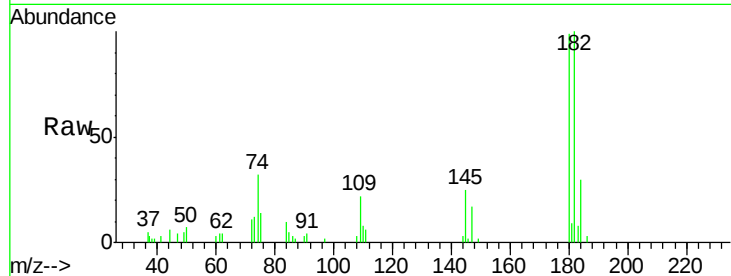




#89
 1,2,4-Trichlorobenzene
 Concen: 1.81 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

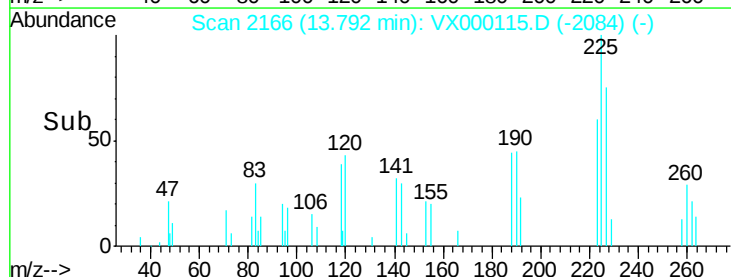
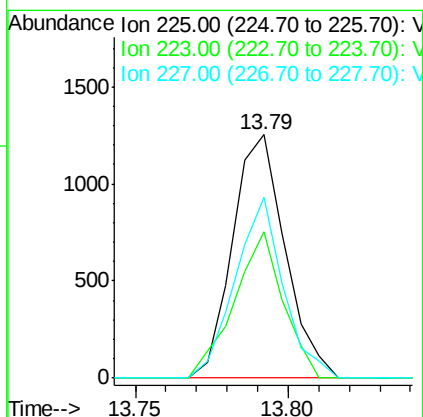
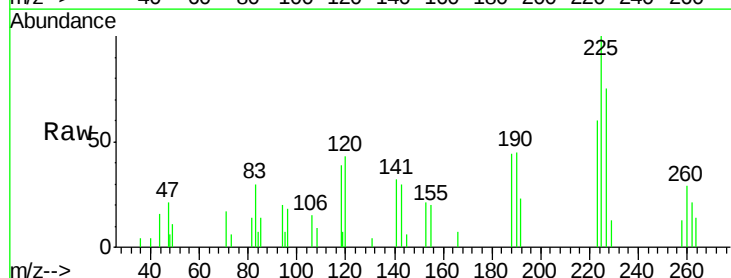
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02 2PPB

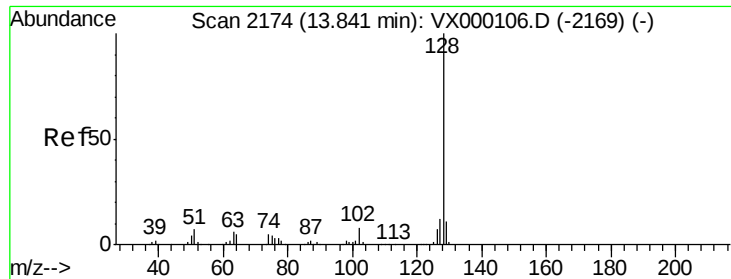
Tgt Ion:180 Resp: 3608
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.3 114.5
 145 33.2 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 1.74 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000115.D
 Acq: 20 Feb 2018 18:46

Tgt Ion:225 Resp: 1491
 Ion Ratio Lower Upper
 225 100
 223 55.9 0.0 131.2
 227 68.2 0.0 127.6

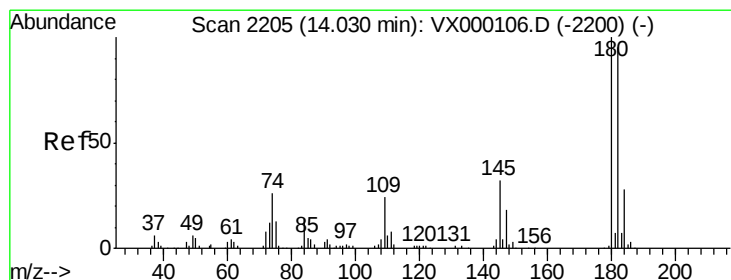
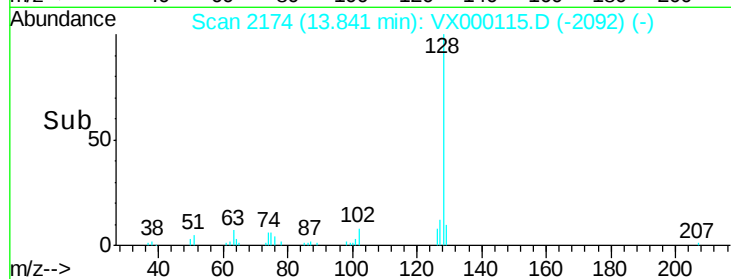
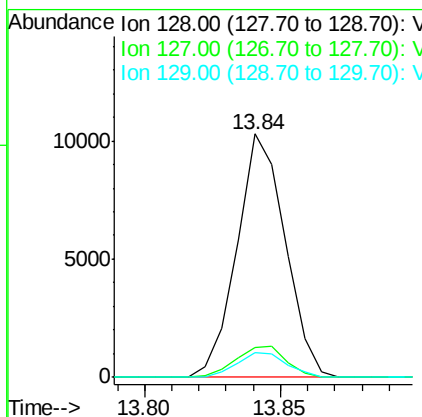
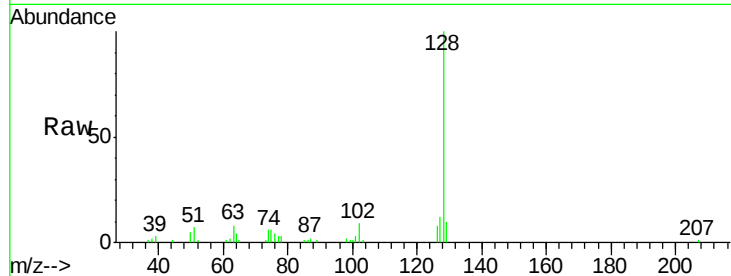




#91
Naphthalene
Concen: 1.82 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Instrument :
MSVOA_X
ClientSampled :
MDL02 2PPB

Tgt Ion:128 Resp: 12645
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.4 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 1.76 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000115.D
Acq: 20 Feb 2018 18:46

Tgt Ion:180 Resp: 3523
Ion Ratio Lower Upper
180 100
182 105.3 0.0 188.6
145 33.6 0.0 65.8

