

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
 Data File : VX000460.D
 Acq On : 27 Mar 2018 16:06
 Operator : JC/MD
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Quant Time: Mar 28 06:51:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	159308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	245984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	136886	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	97651	46.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.50	113	75873	47.39	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	8.72	98	295347	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
62) 4-Bromofluorobenzene	11.15	95	110488	40.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	33107	18.86	ug/l	100
3) Chloromethane	1.32	50	31295	16.92	ug/l	94
4) Vinyl Chloride	1.40	62	36956	18.91	ug/l	97
5) Bromomethane	1.64	94	25799	11.06	ug/l	98
6) Chloroethane	1.73	64	23904	21.44	ug/l	99
7) Trichlorofluoromethane	1.93	101	62477	17.71	ug/l	99
8) Diethyl Ether	2.19	74	21763	17.26	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28697	14.59	ug/l	95
10) Methyl Iodide	2.51	142	20144	13.73	ug/l	96
11) Tert butyl alcohol	3.04	59	48676	68.05	ug/l	100
12) 1,1-Dichloroethene	2.38	96	25948	15.03	ug/l	94
13) Acrolein	2.29	56	14935	76.16	ug/l	100
14) Allyl chloride	2.73	41	45753	14.93	ug/l	95
15) Acrylonitrile	3.14	53	111214	76.76	ug/l	99
16) Acetone	2.44	43	132102	76.36	ug/l	97
17) Carbon Disulfide	2.57	76	70998	15.47	ug/l	97
18) Methyl Acetate	2.78	43	52593	14.50	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	95136	14.90	ug/l	98
20) Methylene Chloride	2.86	84	30614	15.32	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	30435	15.80	ug/l	93
22) Diisopropyl ether	3.87	45	98433	18.24	ug/l	97
23) Vinyl Acetate	3.82	43	460352	89.96	ug/l	99
24) 1,1-Dichloroethane	3.70	63	54873	16.17	ug/l	97
25) 2-Butanone	4.68	43	194978	100.27	ug/l	99
26) 2,2-Dichloropropane	4.59	77	48887	20.55	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	36199	20.11	ug/l	96
28) Bromochloromethane	5.03	49	26607	19.01	ug/l	97
29) Tetrahydrofuran	5.15	42	119012	99.48	ug/l	98
30) Chloroform	5.22	83	65641	20.64	ug/l	97
31) Cyclohexane	5.59	56	53889	20.54	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	58700	20.46	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47808	20.08	ug/l	100
37) Ethyl Acetate	4.84	43	64369	19.80	ug/l	99
38) Carbon Tetrachloride	5.79	117	48998	19.62	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
 Data File : VX000460.D
 Acq On : 27 Mar 2018 16:06
 Operator : JC/MD
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Quant Time: Mar 28 06:51:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	61569	21.27	ug/l	92
40) Benzene	6.15	78	142064	20.55	ug/l	96
41) Methacrylonitrile	5.06	41	32468	18.94	ug/l	97
42) 1,2-Dichloroethane	6.20	62	55712	20.54	ug/l	99
43) Isopropyl Acetate	6.46	43	96459	19.93	ug/l	98
44) Trichloroethene	7.22	130	41131	20.77	ug/l	99
45) 1,2-Dichloropropane	7.52	63	35645	20.15	ug/l	96
46) Dibromomethane	7.67	93	27264	19.63	ug/l	95
47) Bromodichloromethane	7.90	83	50898	20.83	ug/l	97
48) Methyl methacrylate	7.78	41	46972	19.99	ug/l	97
49) 1,4-Dioxane	7.75	88	18949	383.65	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	366736	97.89	ug/l	99
52) Toluene	8.79	92	93740	19.40	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	57975	20.47	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	56234	20.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	38462	19.35	ug/l	93
56) Ethyl methacrylate	9.19	69	57124	18.97	ug/l	99
57) 1,3-Dichloropropane	9.38	76	63848	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	142706	98.74	ug/l	98
59) 2-Hexanone	9.50	43	312894	98.36	ug/l	99
60) Dibromochloromethane	9.59	129	40389	19.88	ug/l	97
61) 1,2-Dibromoethane	9.68	107	42796	20.08	ug/l	100
64) Tetrachloroethene	9.34	164	40378	21.15	ug/l	96
65) Chlorobenzene	10.15	112	108359	19.79	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	38003	20.44	ug/l	98
67) Ethyl Benzene	10.26	91	187678	20.22	ug/l	98
68) m/p-Xylenes	10.37	106	145015	39.71	ug/l	98
69) o-Xylene	10.71	106	68247	19.30	ug/l	98
70) Styrene	10.72	104	114468	19.57	ug/l	98
71) Bromoform	10.87	173	29517	18.55	ug/l #	100
73) Isopropylbenzene	11.02	105	191210	21.08	ug/l	99
74) N-amyl acetate	6.46	43	96459	22.59	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67871	21.16	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	77434	26.32	ug/l	82
77) Bromobenzene	11.26	156	48915	20.25	ug/l	98
78) n-propylbenzene	11.37	91	225101	20.81	ug/l	100
79) 2-Chlorotoluene	11.43	91	124868	19.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160748	21.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18300	20.14	ug/l	95
82) 4-Chlorotoluene	11.52	91	152138	20.40	ug/l	99
83) tert-Butylbenzene	11.78	119	155234	20.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	165989	20.76	ug/l	100
85) sec-Butylbenzene	11.95	105	201770	21.20	ug/l	99
86) p-Isopropyltoluene	12.07	119	176196	20.85	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	91222	19.97	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	95021	19.81	ug/l	97
89) n-Butylbenzene	12.40	91	170669	21.69	ug/l	98
90) Hexachloroethane	12.60	117	27960	21.02	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	89599	20.01	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17726	19.81	ug/l	98

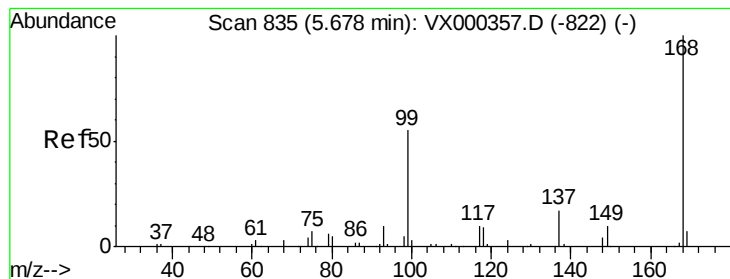
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
Data File : VX000460.D
Acq On : 27 Mar 2018 16:06
Operator : JC/MD
Sample : VX0327WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Quant Time: Mar 28 06:51:48 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67028	20.88	ug/l	100
94) Hexachlorobutadiene	13.79	225	29707	22.35	ug/l	100
95) Naphthalene	13.84	128	229595	20.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	65619	20.68	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

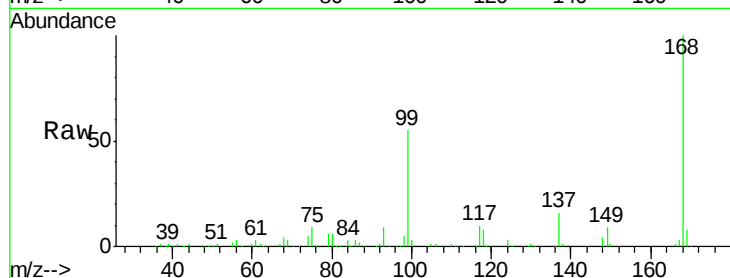
VX0327WBSD01

Tgt Ion:168 Resp: 159308

Ion Ratio Lower Upper

168 100

99 55.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

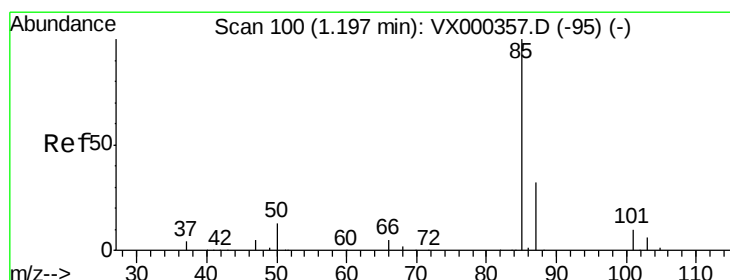
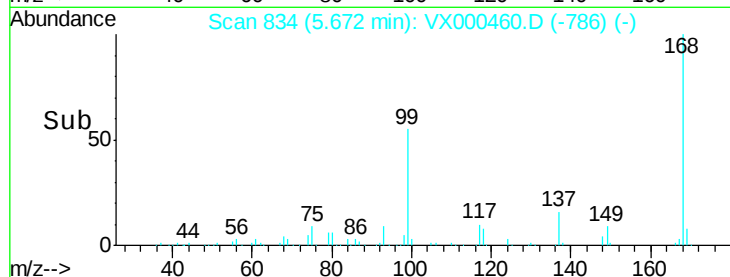
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.86 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000460.D

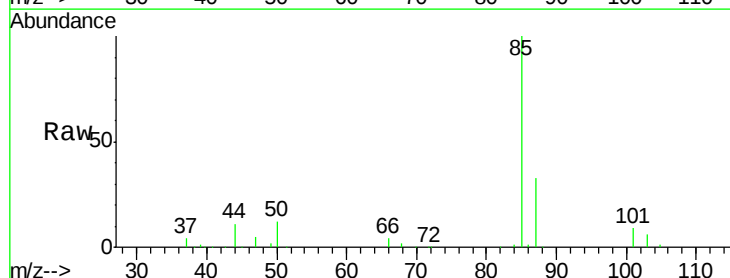
Acq: 27 Mar 2018 16:06

Tgt Ion: 85 Resp: 33107

Ion Ratio Lower Upper

85 100

87 33.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

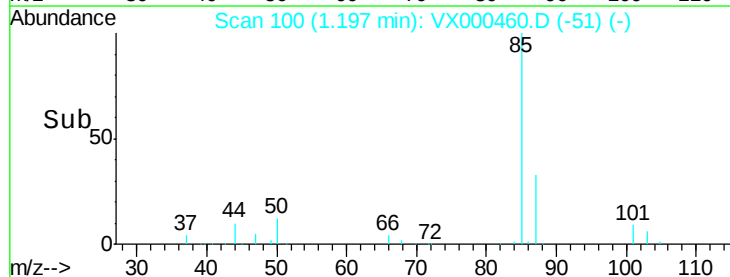
30000

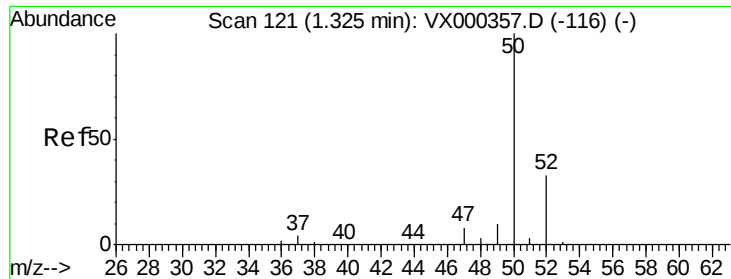
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 16.92 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

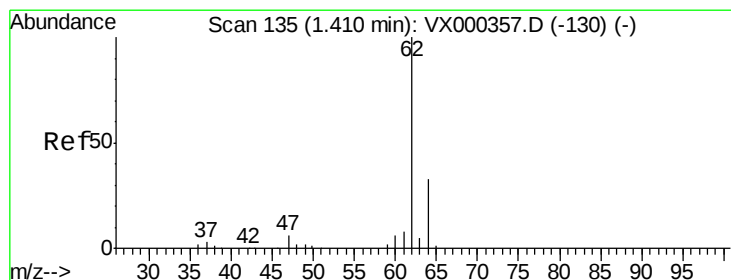
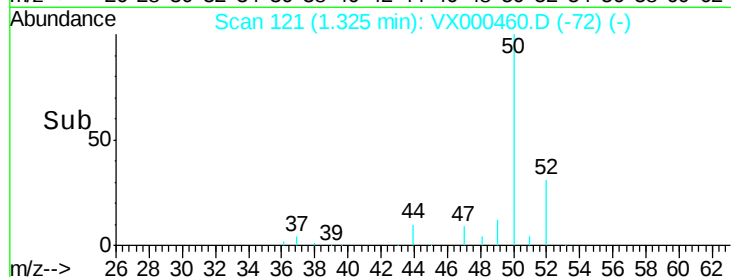
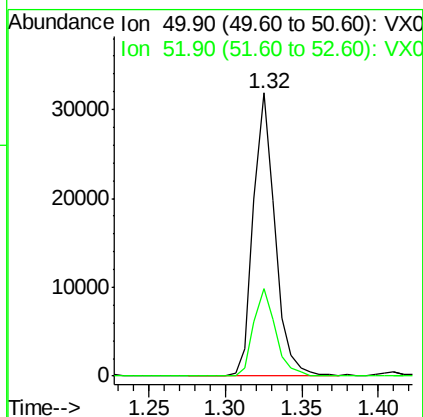
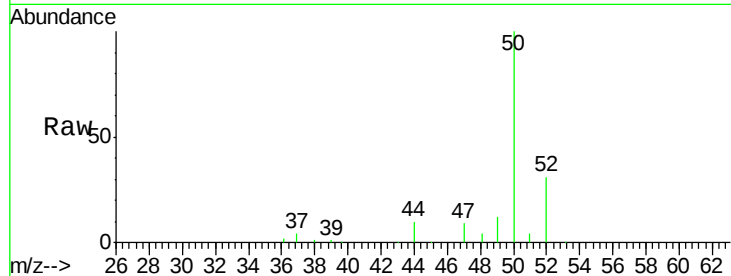
VX0327WBSD01

Tgt Ion: 50 Resp: 31295

Ion Ratio Lower Upper

50 100

52 31.1 27.5 41.3



#4

Vinyl Chloride

Concen: 18.91 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000460.D

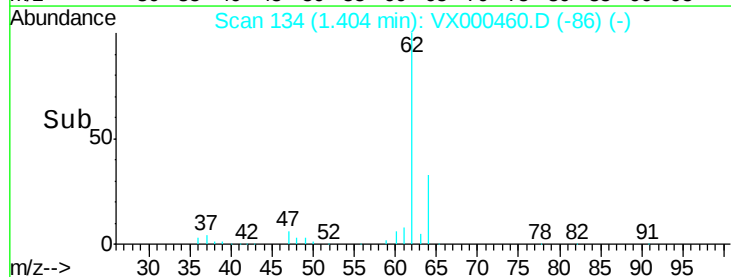
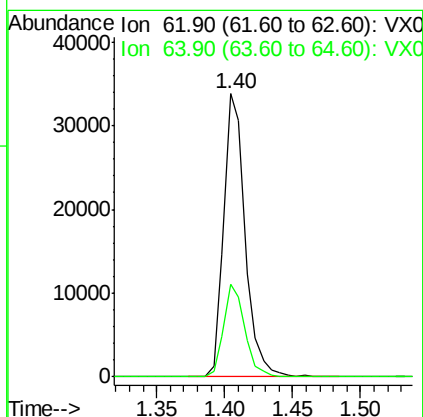
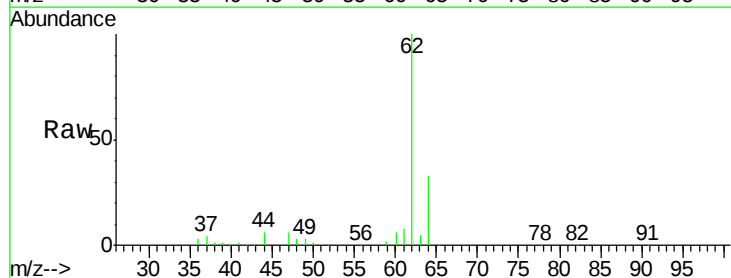
Acq: 27 Mar 2018 16:06

Tgt Ion: 62 Resp: 36956

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 11.06 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

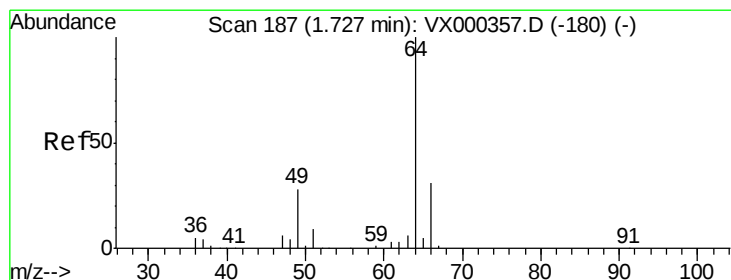
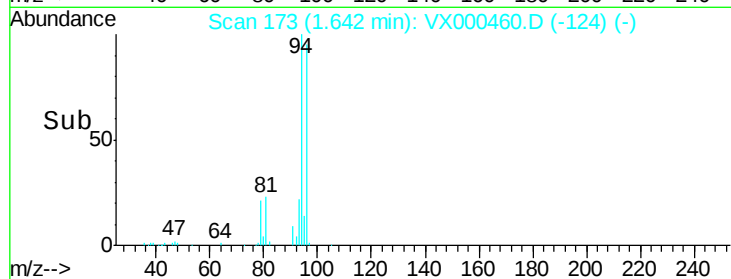
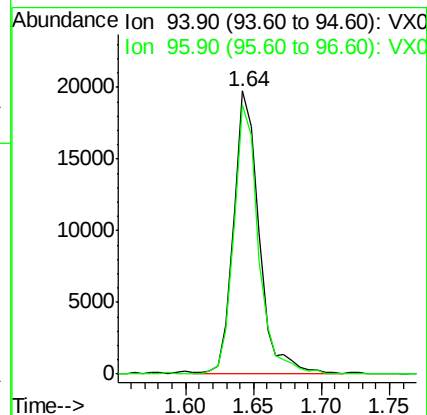
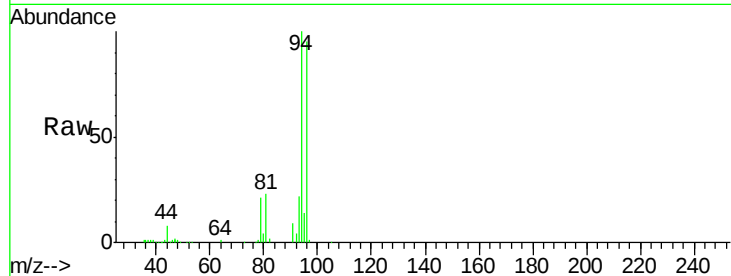
VX0327WBSD01

Tgt Ion: 94 Resp: 25799

Ion Ratio Lower Upper

94 100

96 95.0 77.7 116.5



#6

Chloroethane

Concen: 21.44 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000460.D

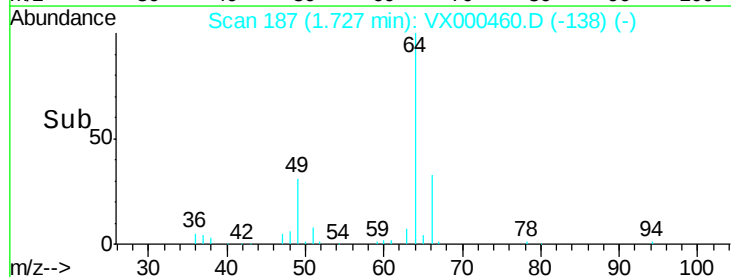
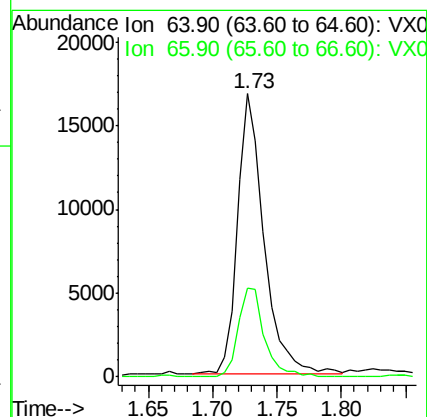
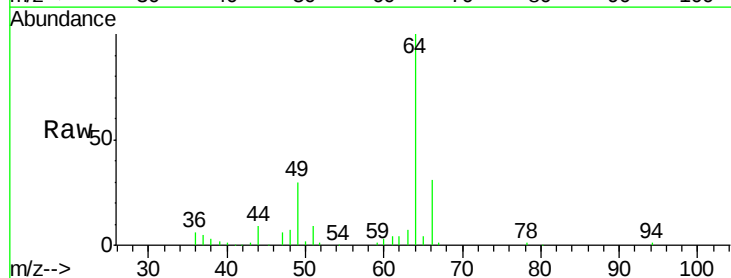
Acq: 27 Mar 2018 16:06

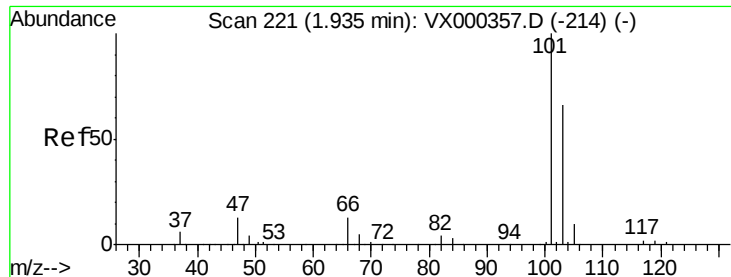
Tgt Ion: 64 Resp: 23904

Ion Ratio Lower Upper

64 100

66 31.8 24.8 37.2



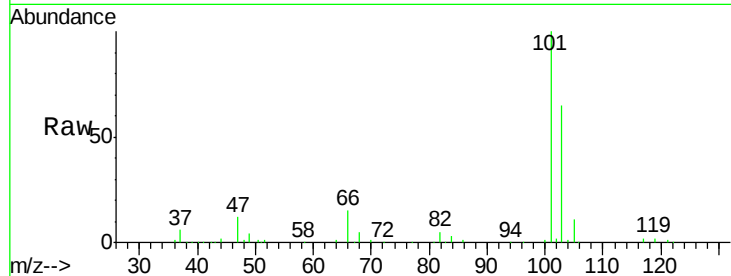


#7

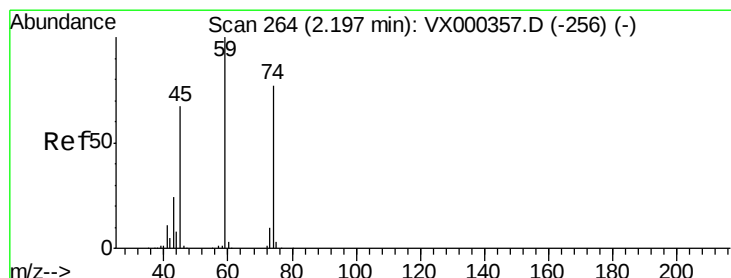
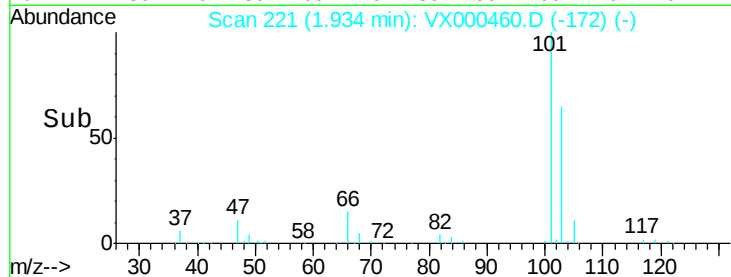
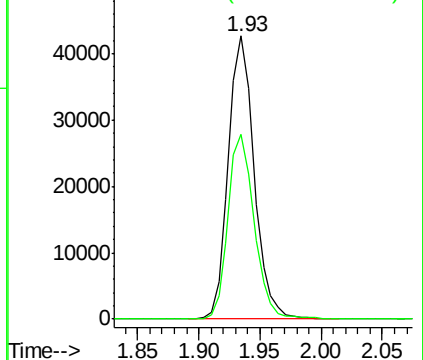
Trichlorofluoromethane
 Concen: 17.71 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tgt Ion:101 Resp: 62477
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.6 77.4



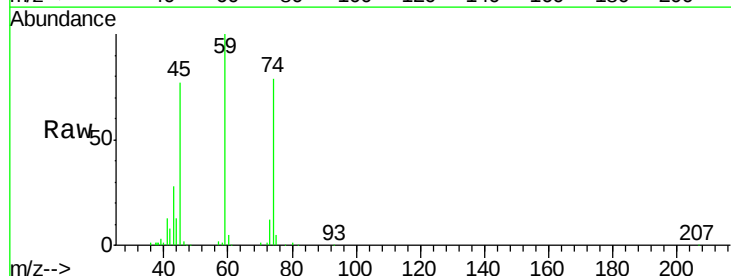
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



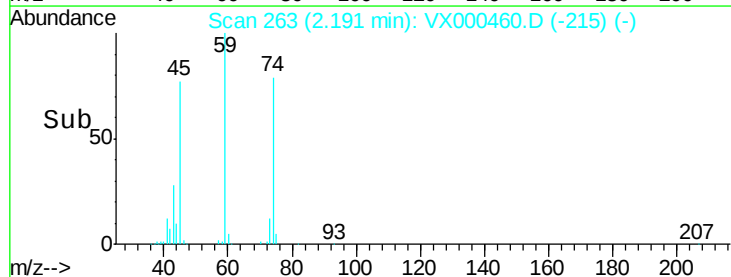
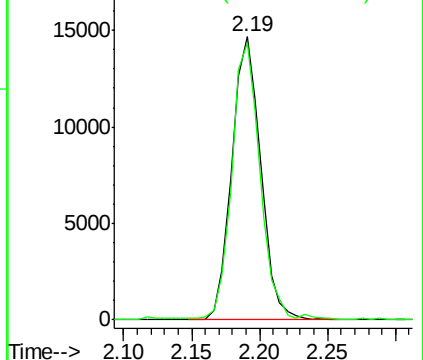
#8

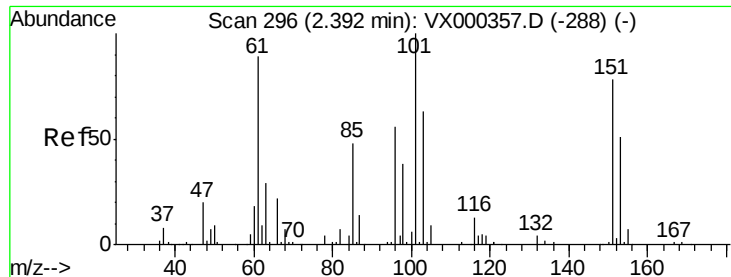
Diethyl Ether
 Concen: 17.26 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion: 74 Resp: 21763
 Ion Ratio Lower Upper
 74 100
 45 93.9 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

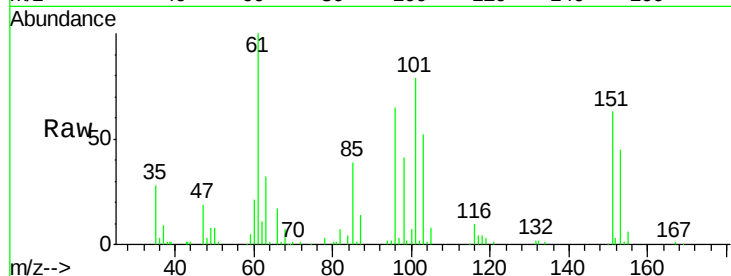
Tgt Ion:101 Resp: 28697

Ion Ratio Lower Upper

101 100

85 49.3 37.6 56.4

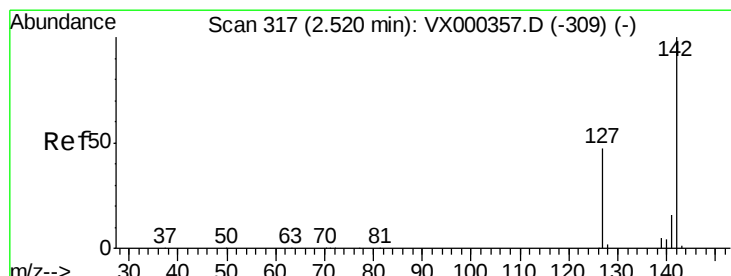
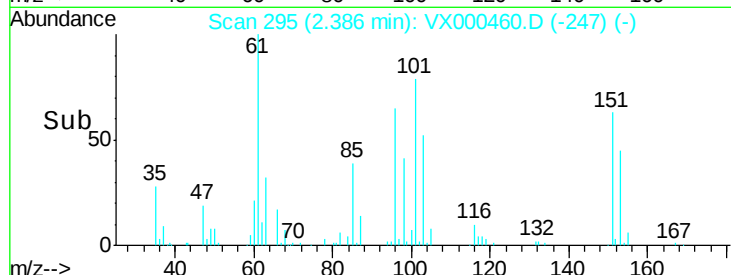
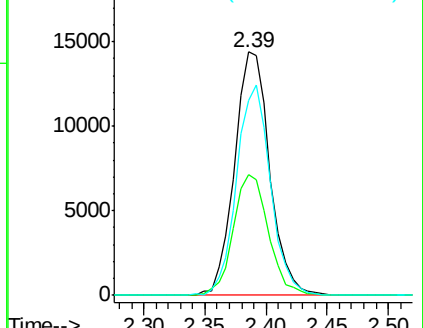
151 83.3 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.73 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

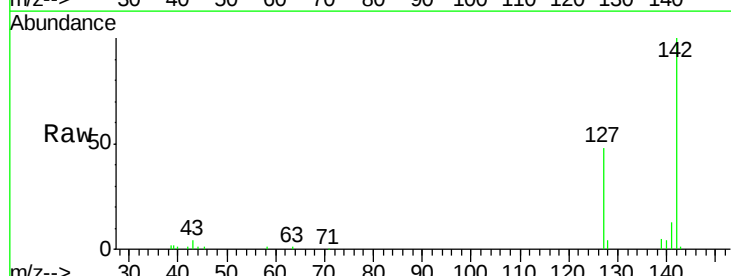
Tgt Ion:142 Resp: 20144

Ion Ratio Lower Upper

142 100

127 45.9 39.2 58.8

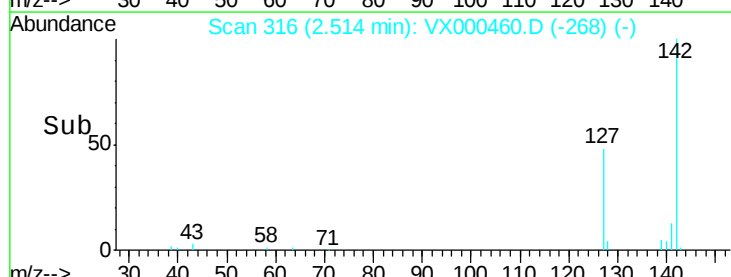
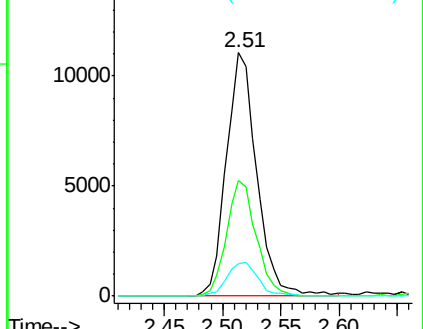
141 14.3 11.7 17.5

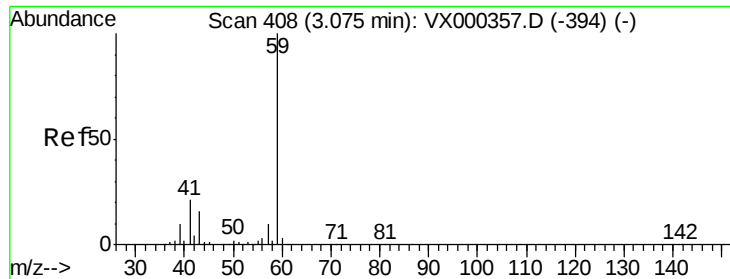


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

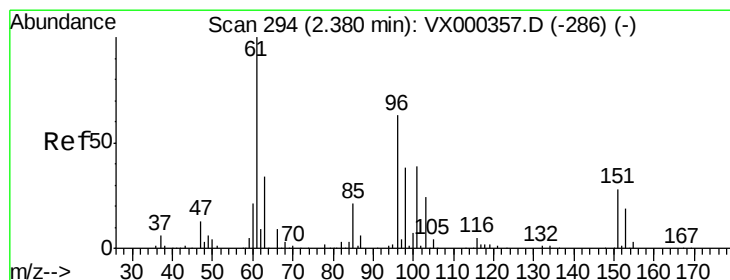
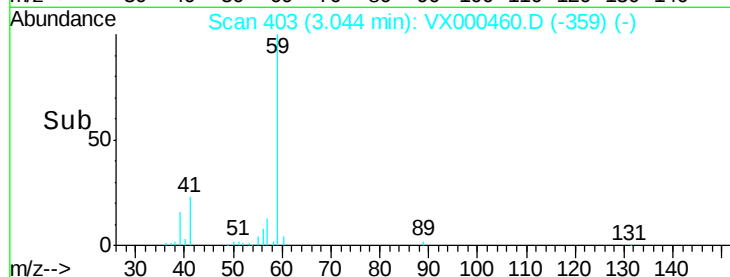
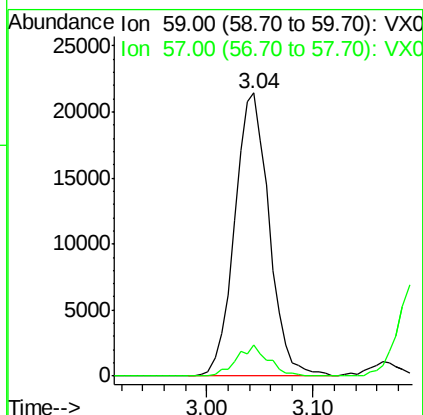
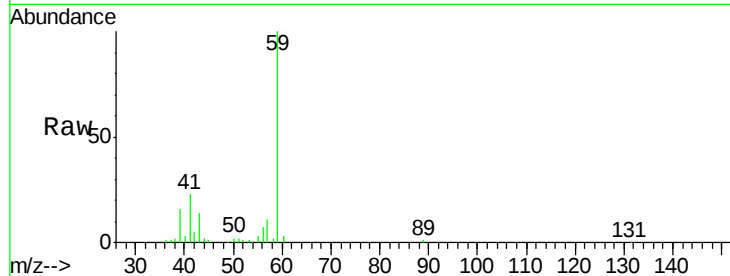




#11
Tert butyl alcohol
Concen: 68.05 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.03 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

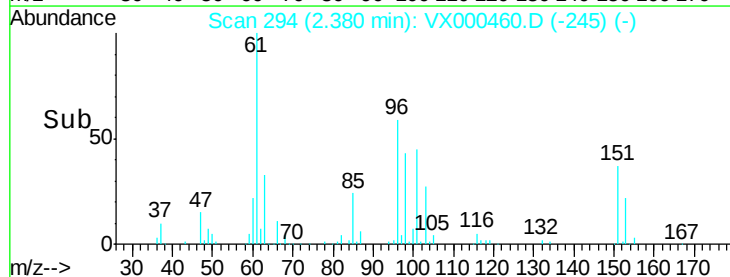
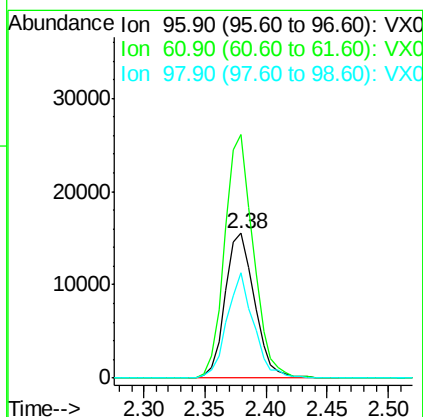
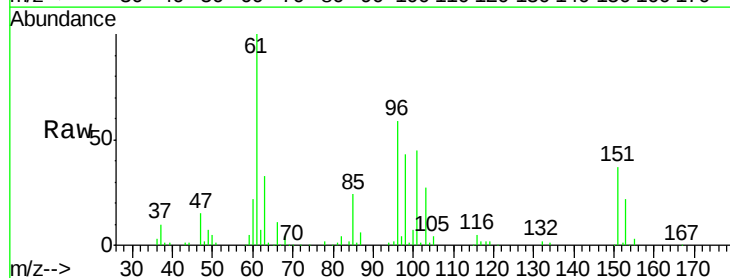
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

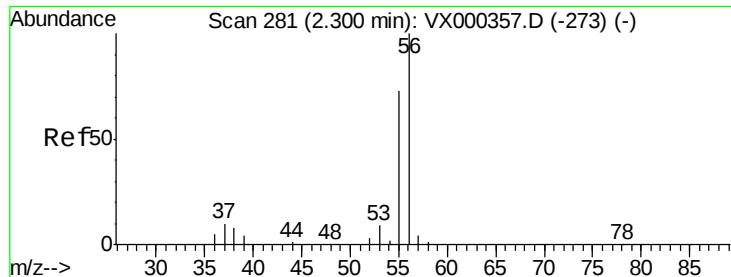
Tgt Ion: 59 Resp: 48676
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 15.03 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion: 96 Resp: 25948
Ion Ratio Lower Upper
96 100
61 168.1 131.2 196.8
98 72.4 49.8 74.8





#13

Acrolein

Concen: 76.16 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

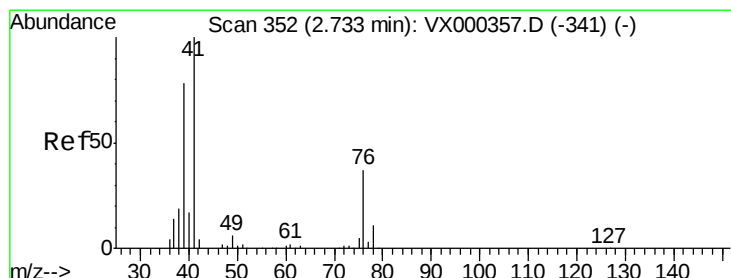
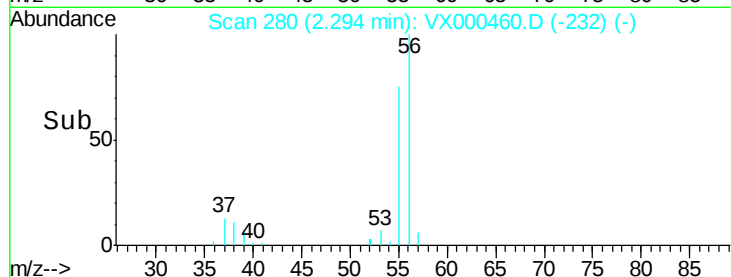
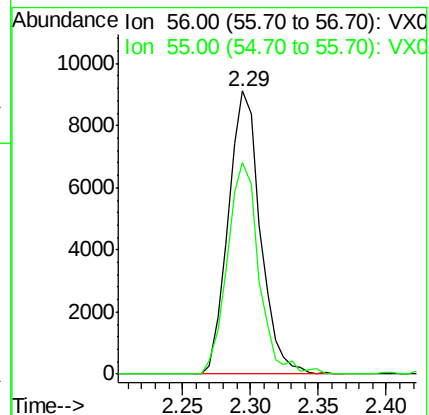
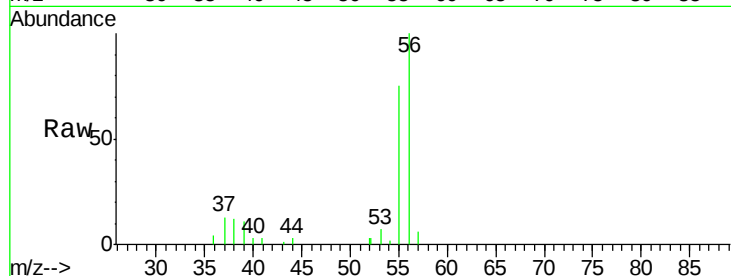
VX0327WBSD01

Tgt Ion: 56 Resp: 14935

Ion Ratio Lower Upper

56 100

55 73.7 58.8 88.2



#14

Allyl chloride

Concen: 14.93 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

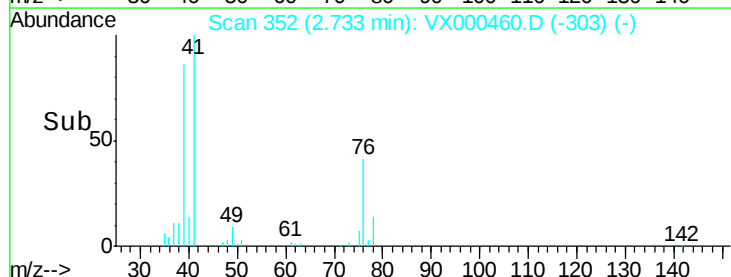
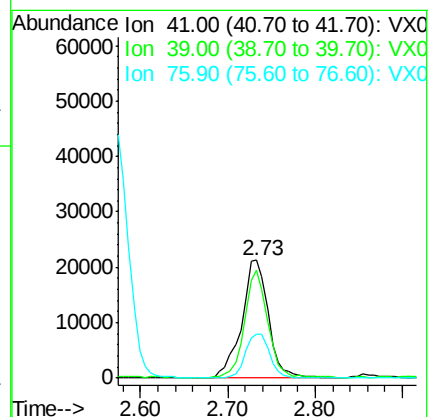
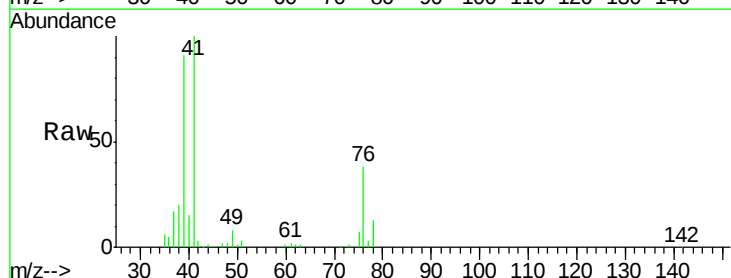
Tgt Ion: 41 Resp: 45753

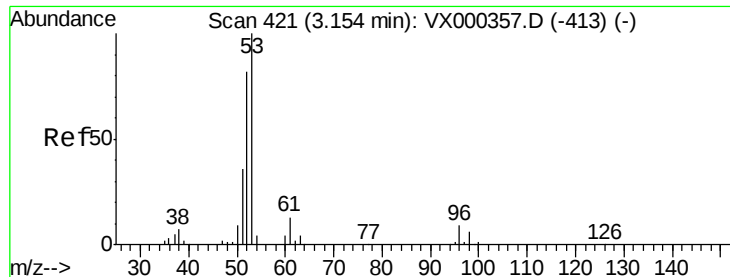
Ion Ratio Lower Upper

41 100

39 77.8 57.6 86.4

76 33.6 27.3 40.9





#15

Acrylonitrile

Concen: 76.76 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

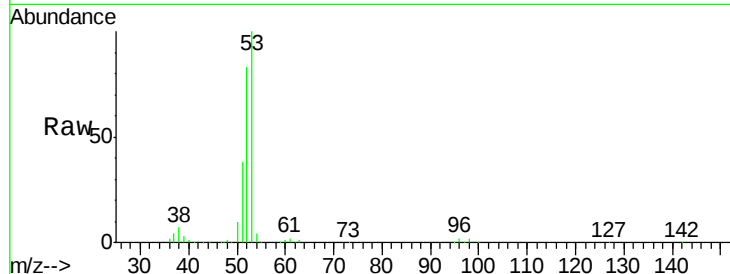
Tgt Ion: 53 Resp: 111214

Ion Ratio Lower Upper

53 100

52 82.1 66.6 99.8

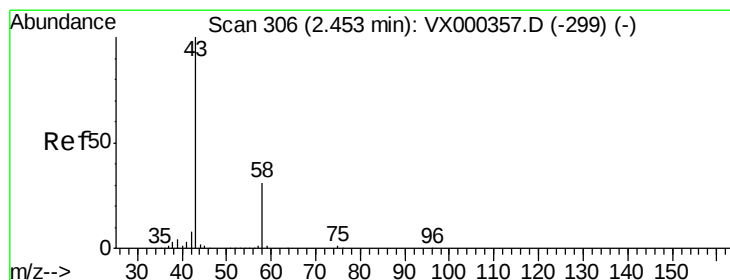
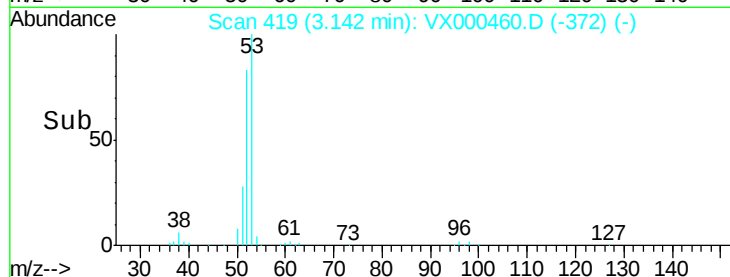
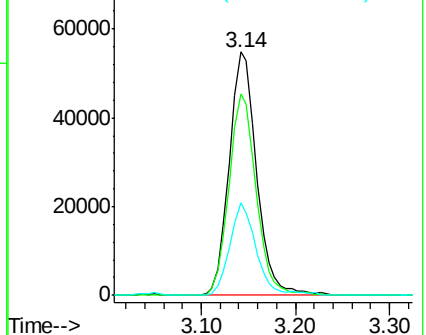
51 35.8 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 76.36 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX000460.D

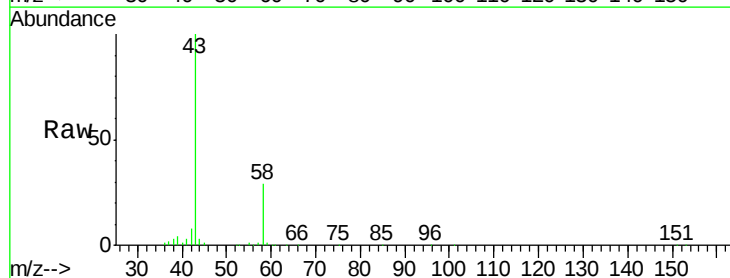
Acq: 27 Mar 2018 16:06

Tgt Ion: 43 Resp: 132102

Ion Ratio Lower Upper

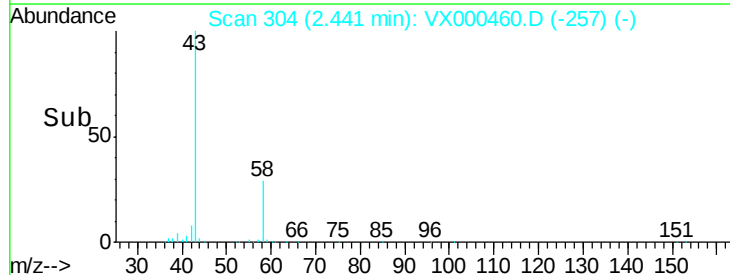
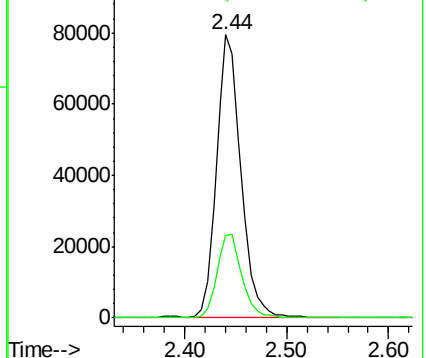
43 100

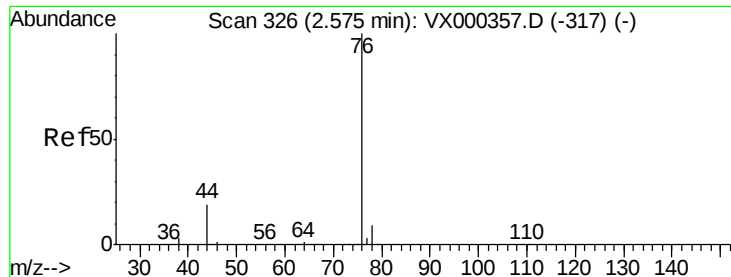
58 29.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

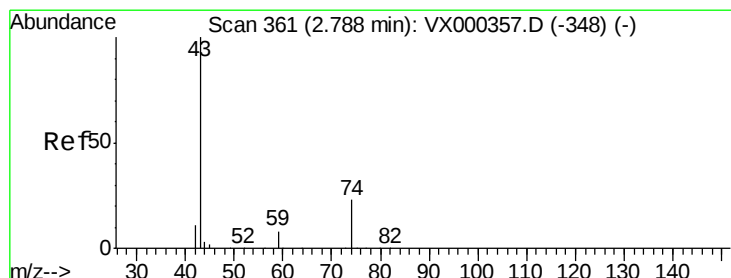
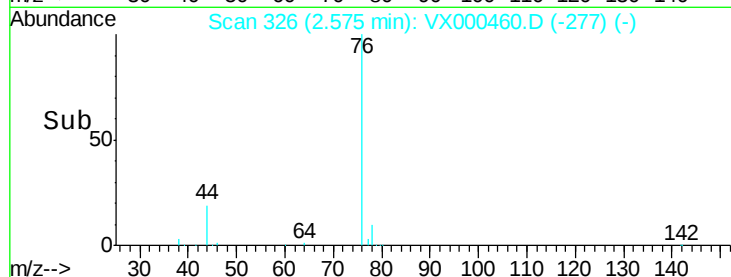
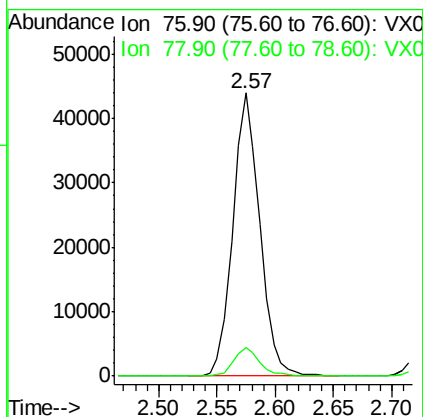
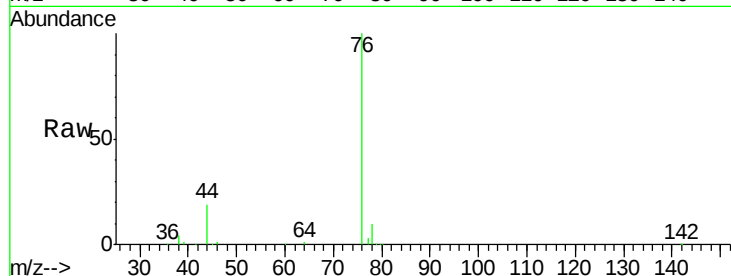




#17
Carbon Disulfide
Concen: 15.47 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

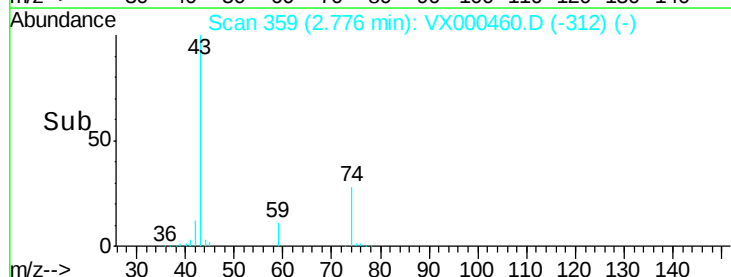
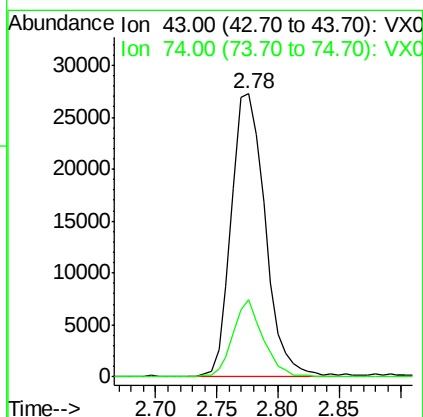
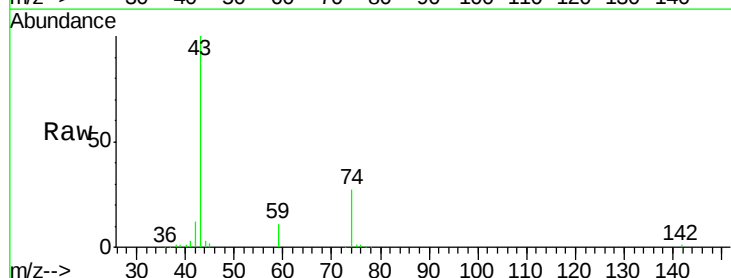
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

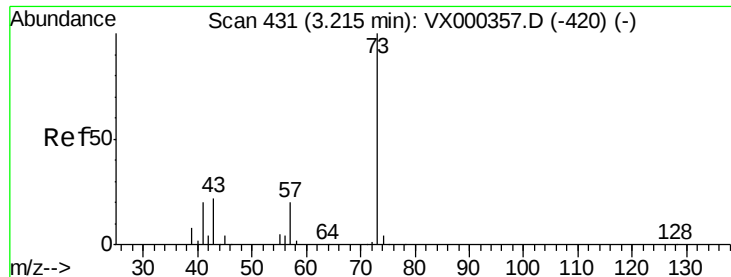
Tgt Ion: 76 Resp: 70998
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6



#18
Methyl Acetate
Concen: 14.50 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion: 43 Resp: 52593
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

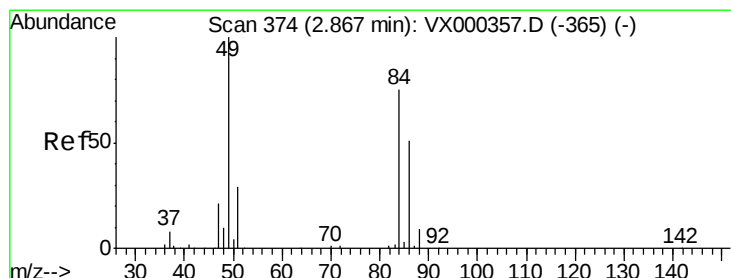
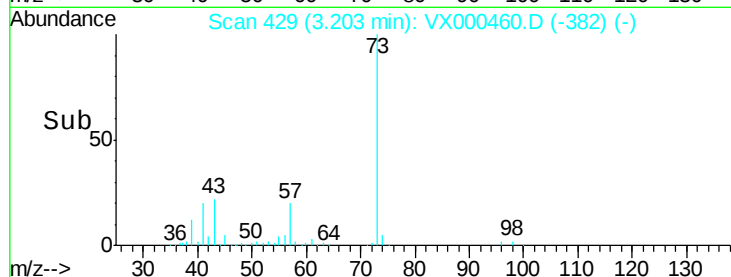
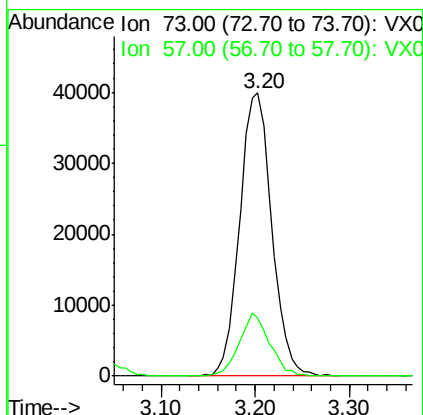
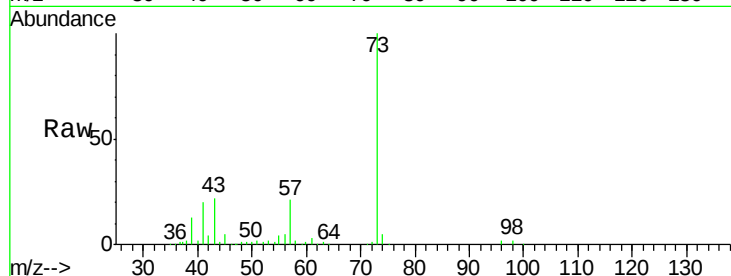




#19
Methyl tert-butyl Ether
Concen: 14.90 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

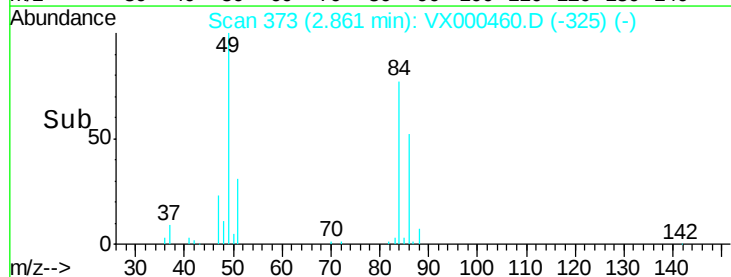
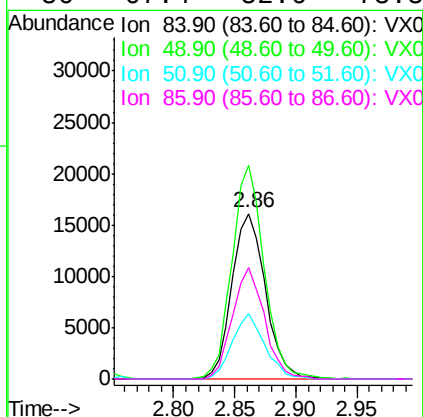
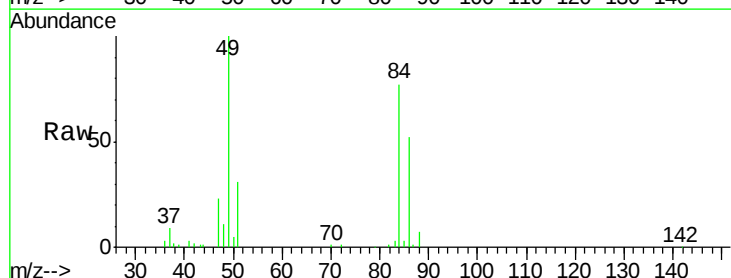
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 73 Resp: 95136
Ion Ratio Lower Upper
73 100
57 20.5 17.2 25.8



#20
Methylene Chloride
Concen: 15.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion: 84 Resp: 30614
Ion Ratio Lower Upper
84 100
49 129.2 100.6 151.0
51 39.8 31.6 47.4
86 67.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 15.80 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

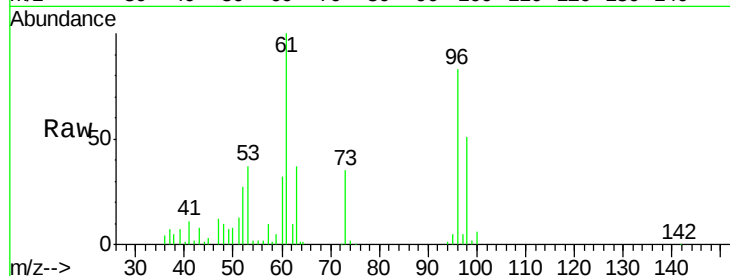
Tgt Ion: 96 Resp: 30435

Ion Ratio Lower Upper

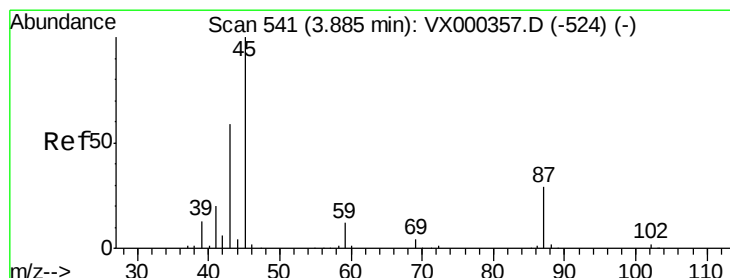
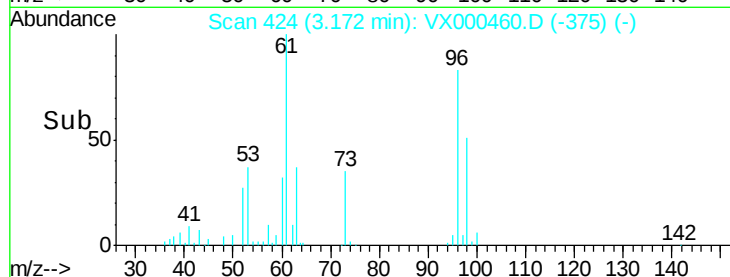
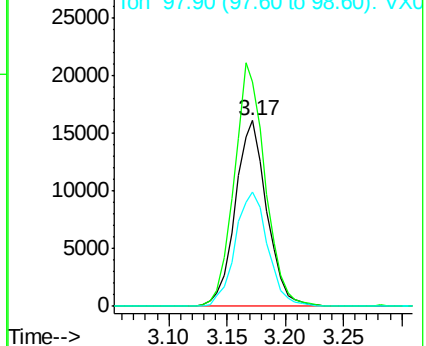
96 100

61 120.8 104.0 156.0

98 61.4 52.1 78.1



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



#22

Diisopropyl ether

Concen: 18.24 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.02 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion: 45 Resp: 98433

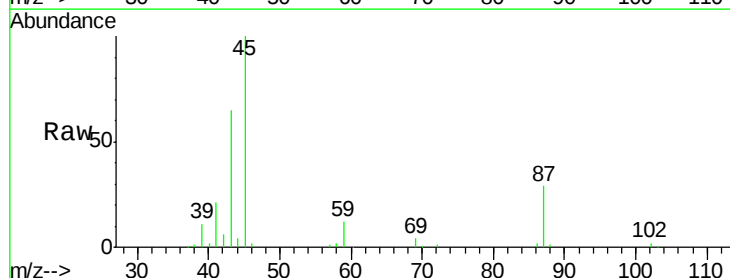
Ion Ratio Lower Upper

45 100

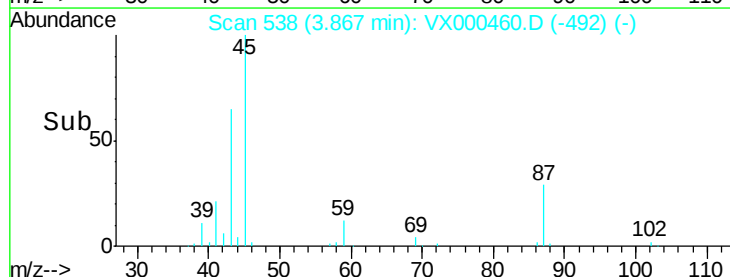
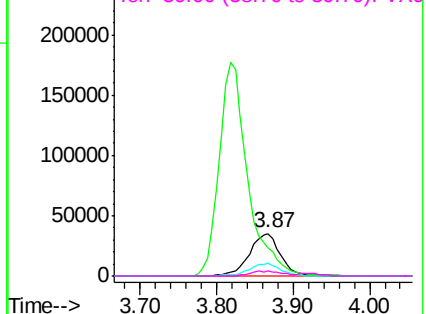
43 64.6 53.9 80.9

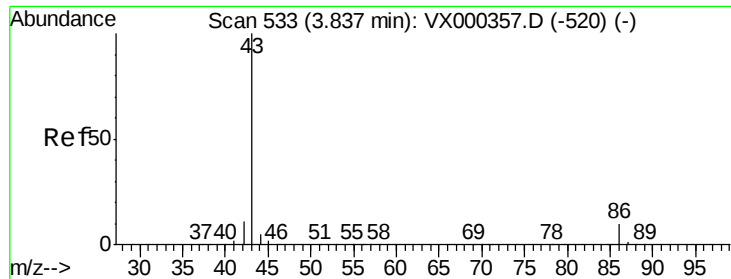
87 29.0 22.6 34.0

59 11.8 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 89.96 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.02 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

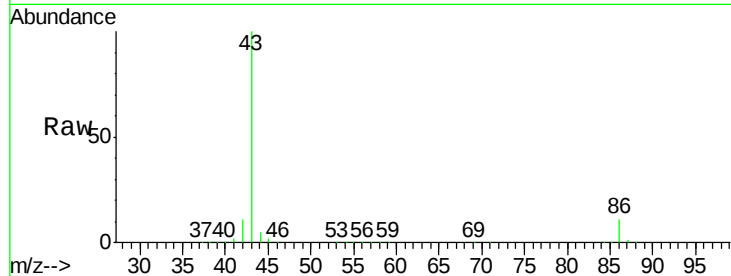
VX0327WBSD01

Tgt Ion: 43 Resp: 460352

Ion Ratio Lower Upper

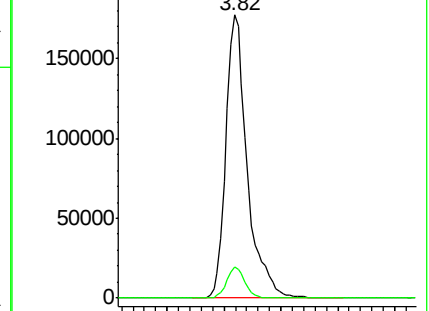
43 100

86 11.0 8.6 12.8

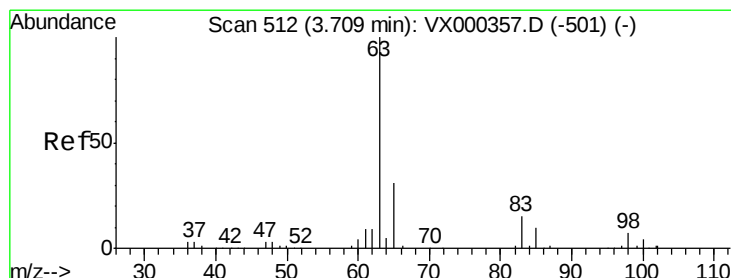
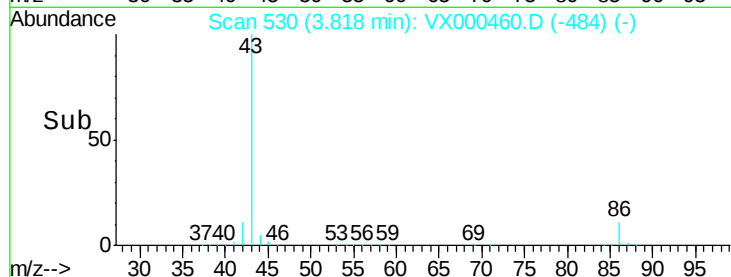


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 16.17 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

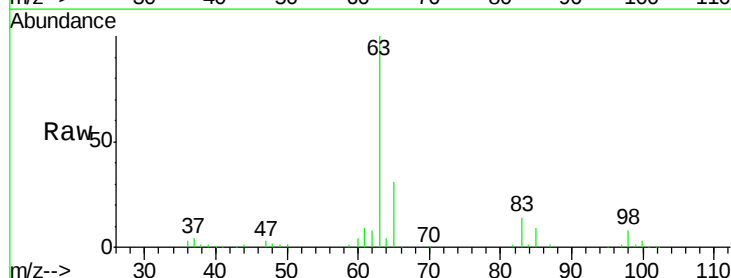
Tgt Ion: 63 Resp: 54873

Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.9

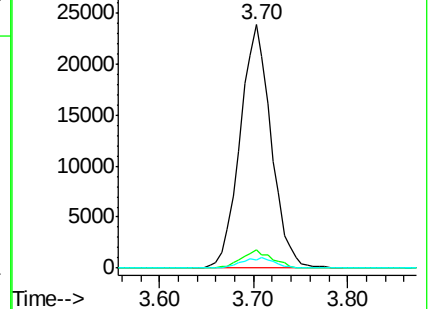
100 3.4 2.0 5.8



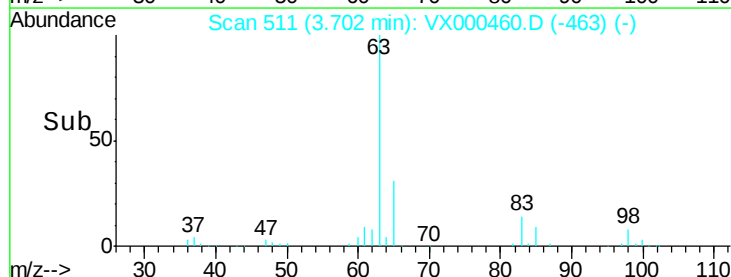
Abundance Ion 62.90 (62.60 to 63.60): VX0

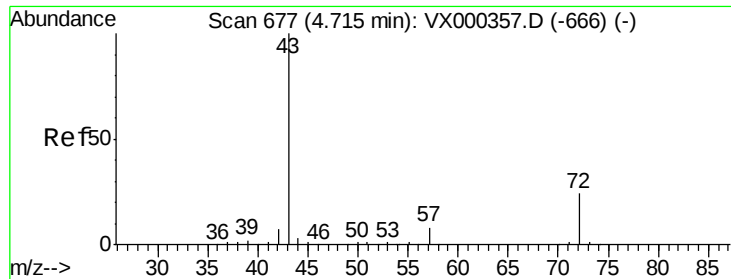
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 100.27 ug/l

RT: 4.68 min Scan# 672

Delta R.T. -0.03 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

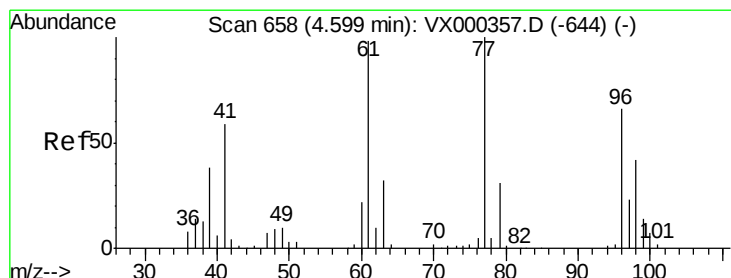
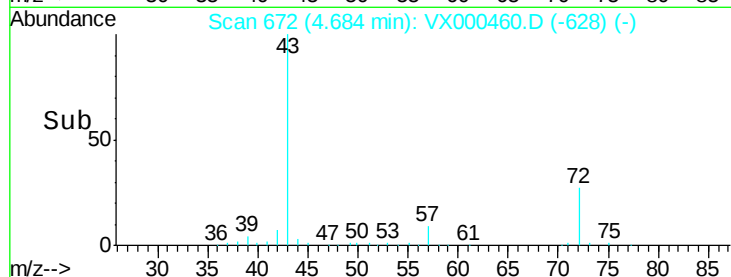
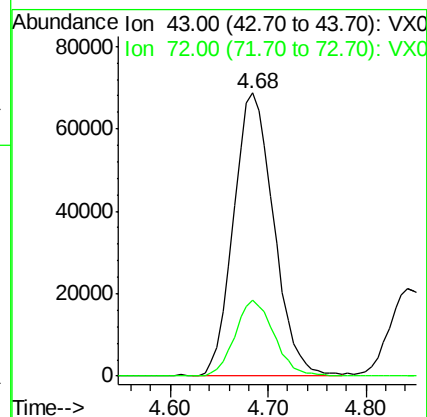
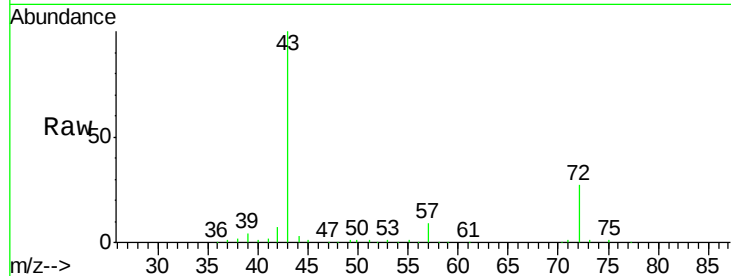
VX0327WBSD01

Tgt Ion: 43 Resp: 194978

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.55 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000460.D

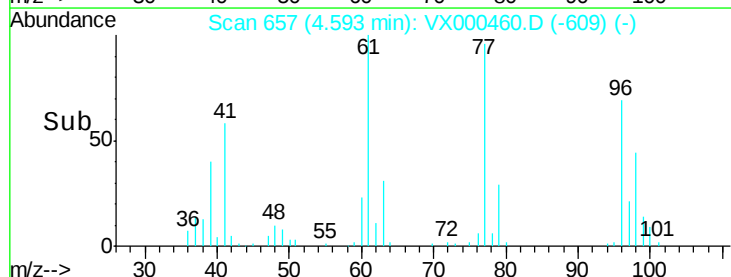
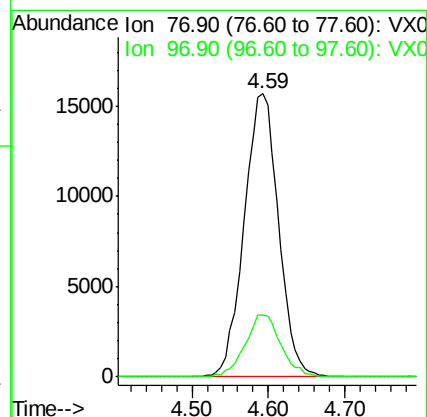
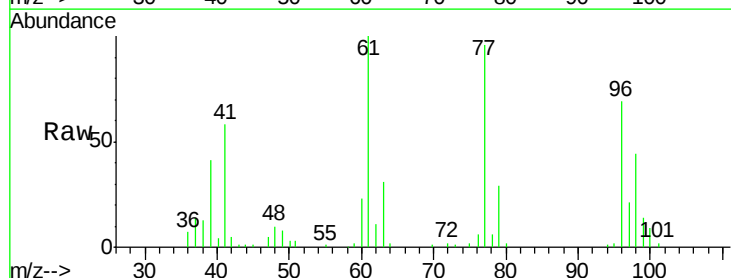
Acq: 27 Mar 2018 16:06

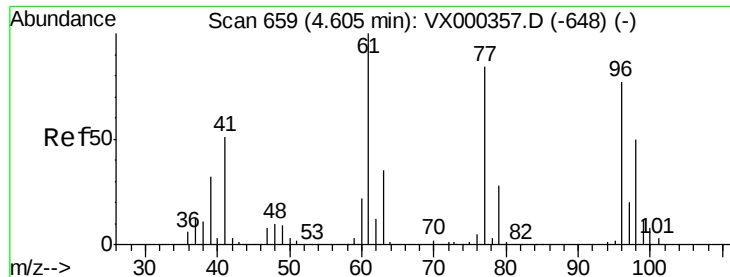
Tgt Ion: 77 Resp: 48887

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.11 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

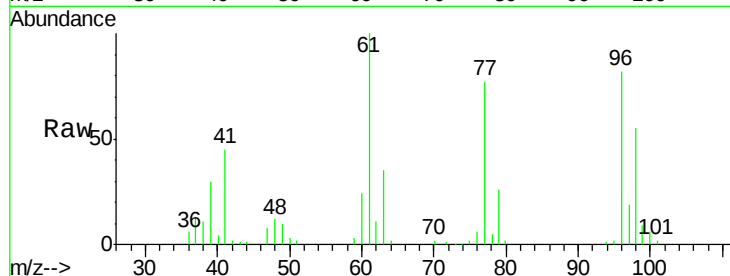
Tgt Ion: 96 Resp: 36199

Ion Ratio Lower Upper

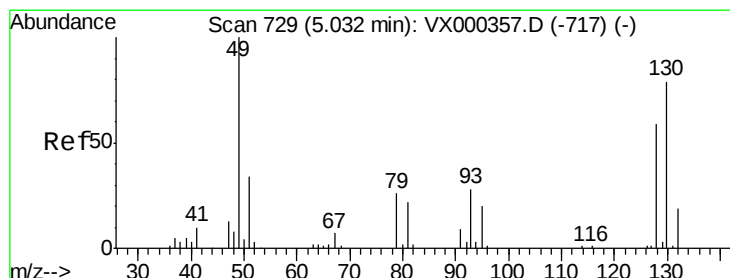
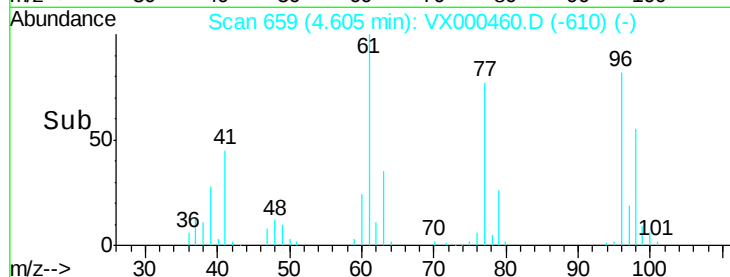
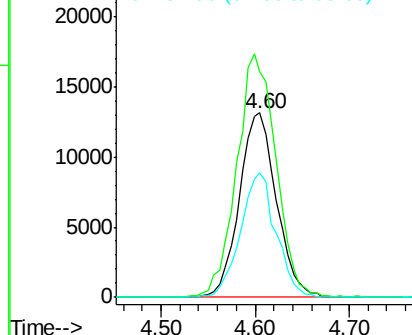
96 100

61 139.8 0.0 291.6

98 64.6 0.0 132.0



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



#28

Bromochloromethane

Concen: 19.01 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

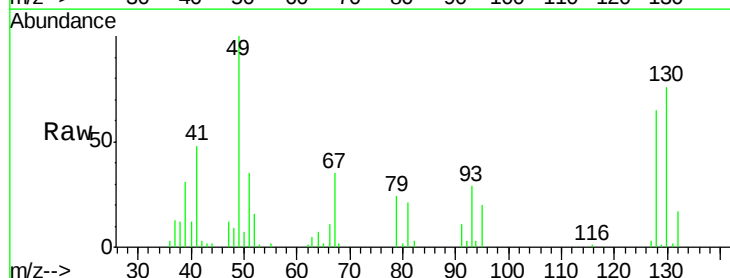
Tgt Ion: 49 Resp: 26607

Ion Ratio Lower Upper

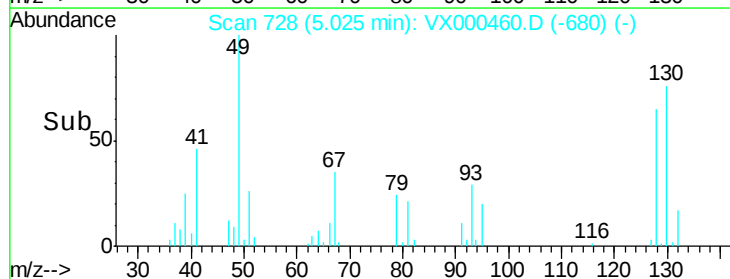
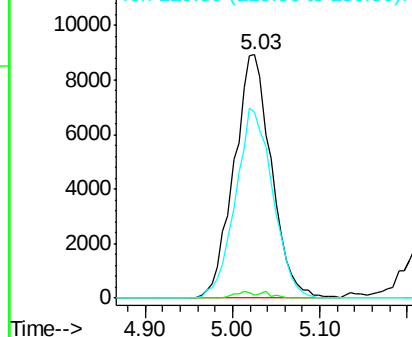
49 100

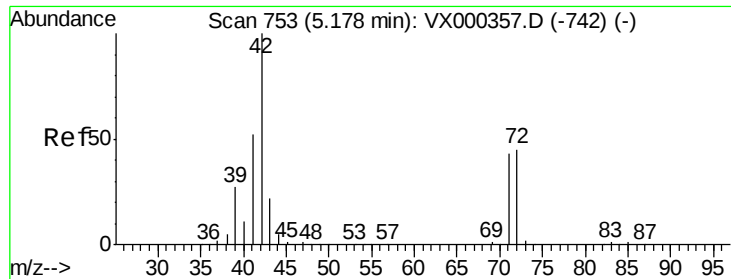
129 1.3 0.0 5.0

130 77.3 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 99.48 ug/l

RT: 5.15 min Scan# 748

Delta R.T. -0.03 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampled :

VX0327WBSD01

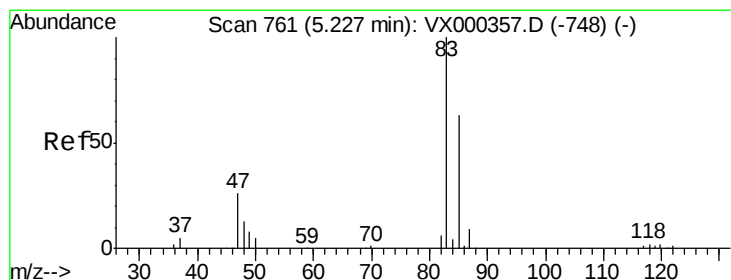
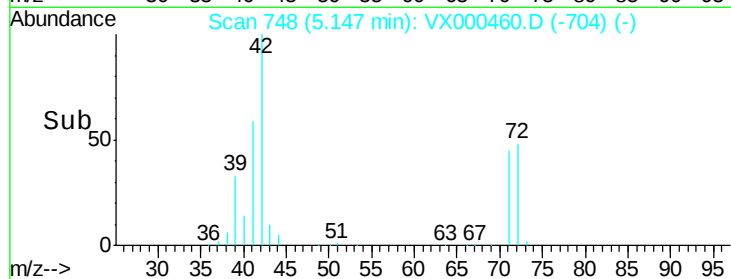
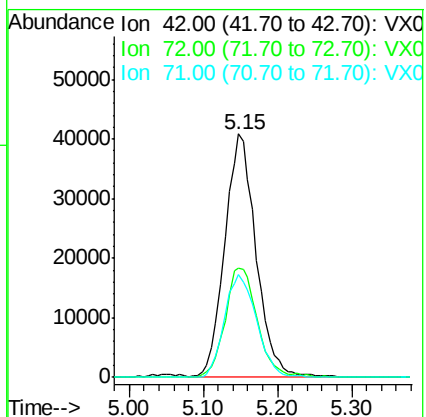
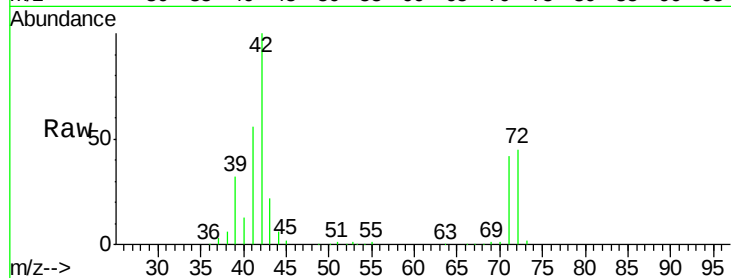
Tgt Ion: 42 Resp: 119012

Ion Ratio Lower Upper

42 100

72 46.3 37.9 56.9

71 43.9 34.4 51.6



#30

Chloroform

Concen: 20.64 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX000460.D

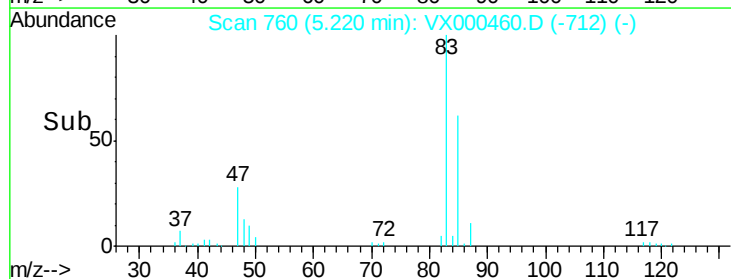
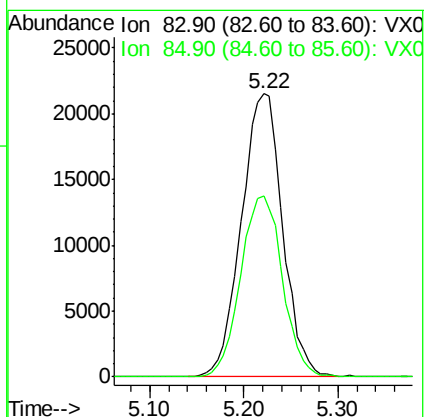
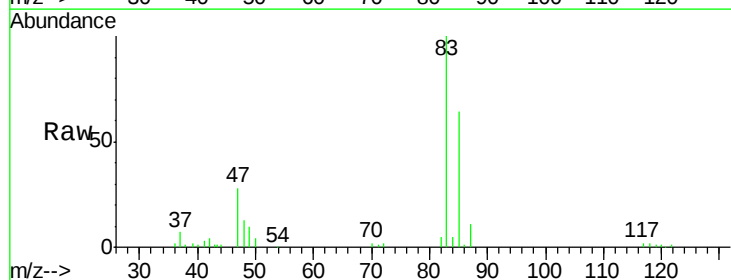
Acq: 27 Mar 2018 16:06

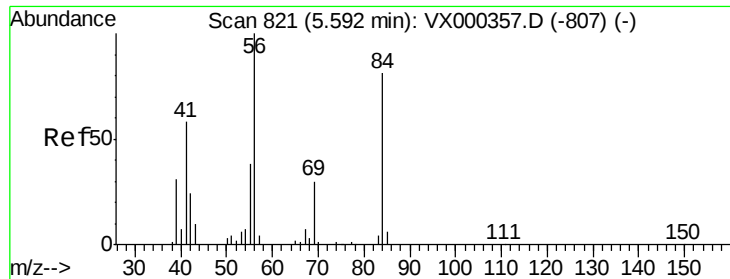
Tgt Ion: 83 Resp: 65641

Ion Ratio Lower Upper

83 100

85 63.9 53.3 79.9

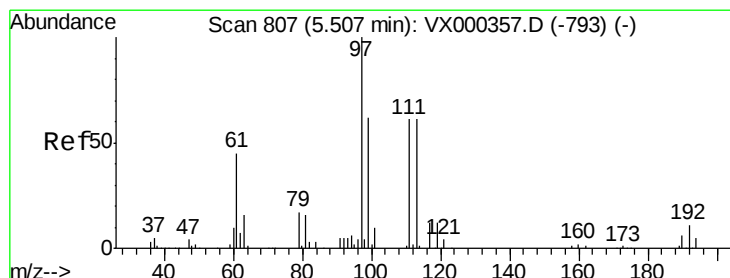
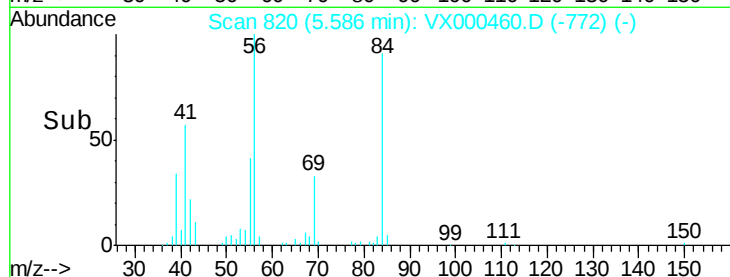
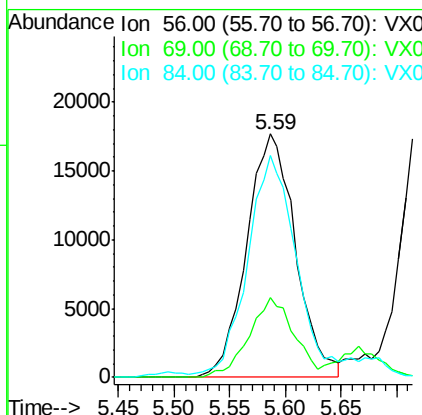
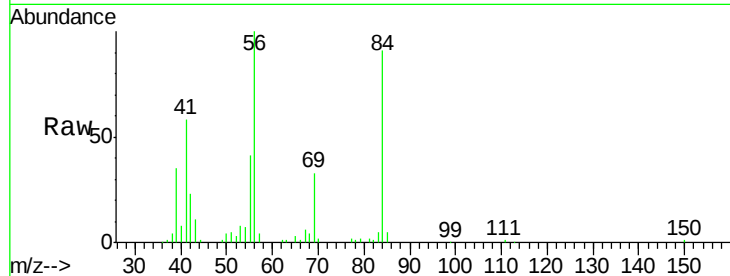




#31
Cyclohexane
Concen: 20.54 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

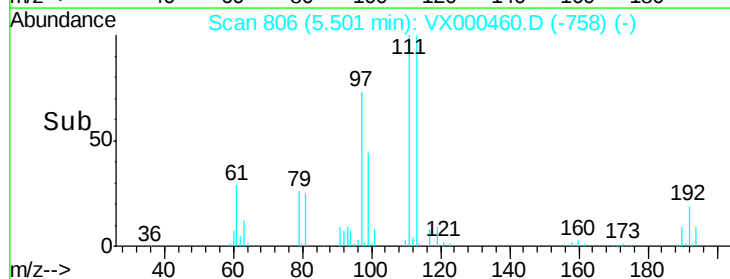
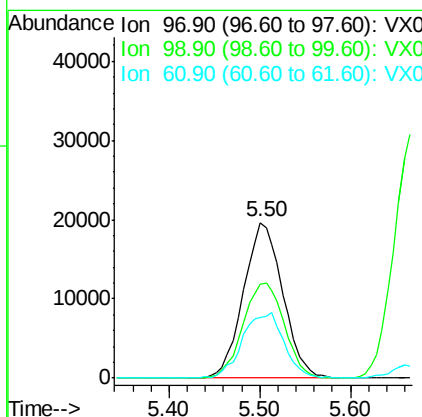
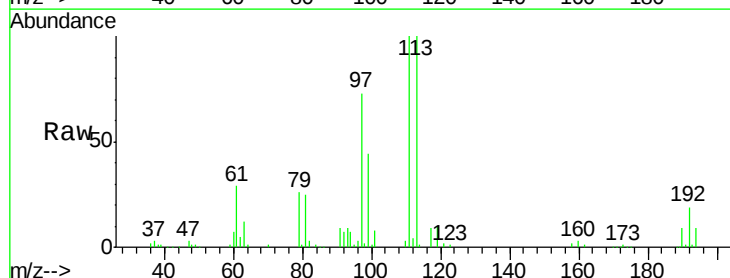
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

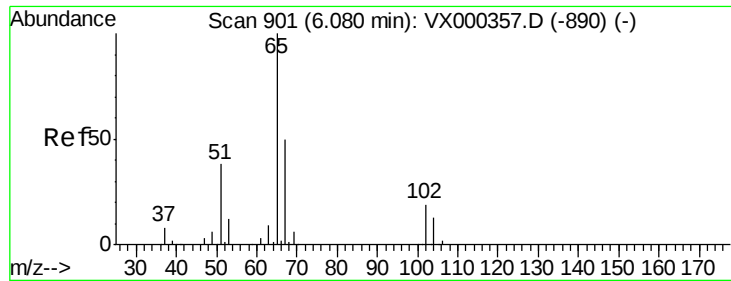
Tgt Ion: 56 Resp: 53889
Ion Ratio Lower Upper
56 100
69 32.5 23.4 35.0
84 89.5 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 20.46 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion: 97 Resp: 58700
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 44.6 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 46.96 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

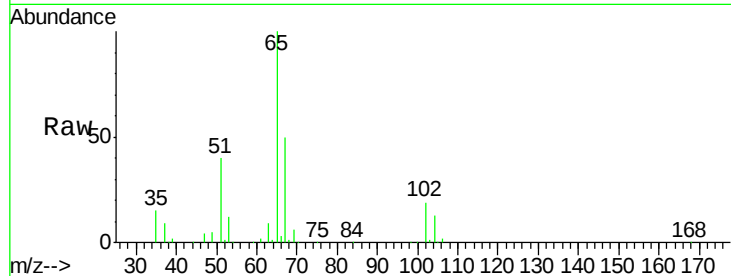
VX0327WBSD01

Tgt Ion: 65 Resp: 97651

Ion Ratio Lower Upper

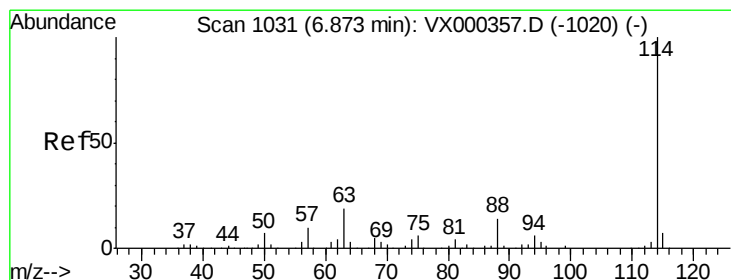
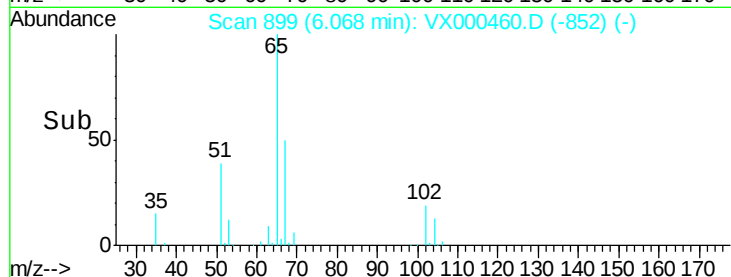
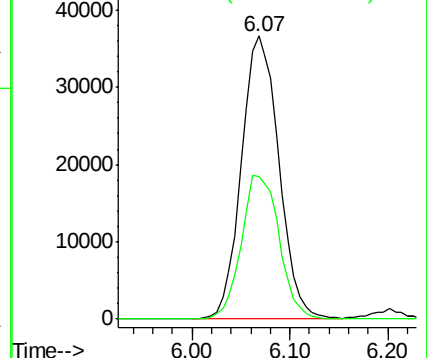
65 100

67 51.2 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

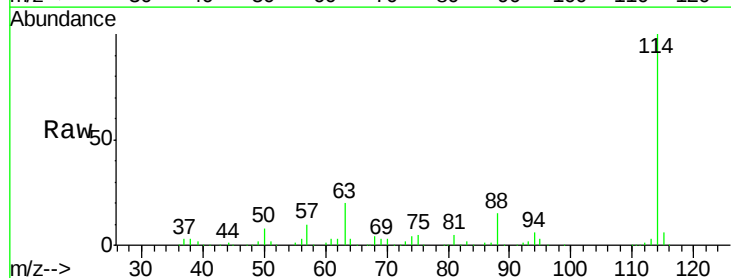
Tgt Ion: 114 Resp: 254116

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

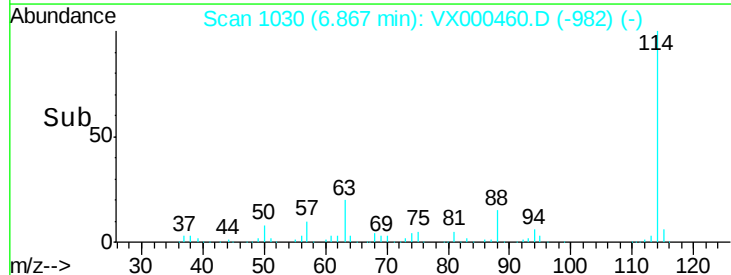
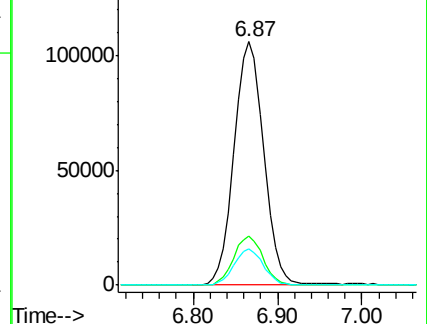
88 15.0 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.39 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

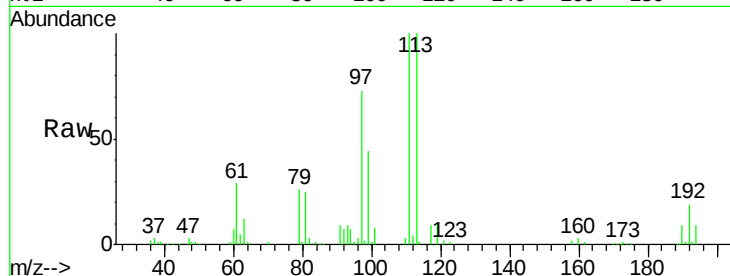
Tgt Ion:113 Resp: 75873

Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

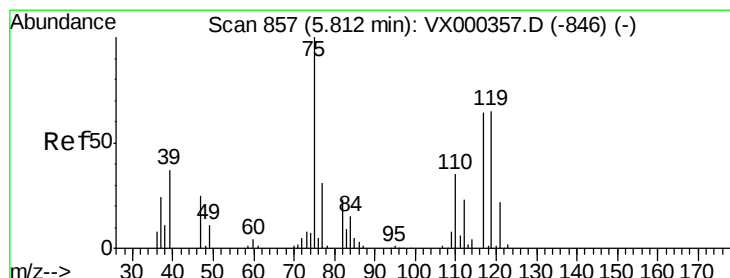
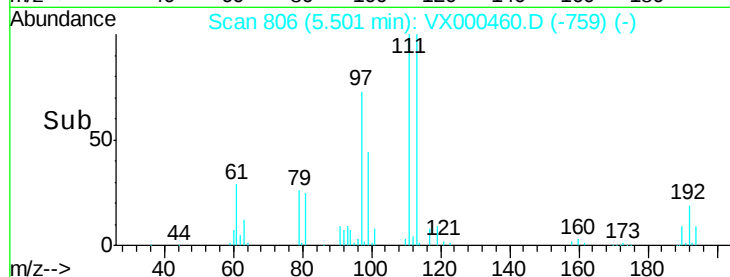
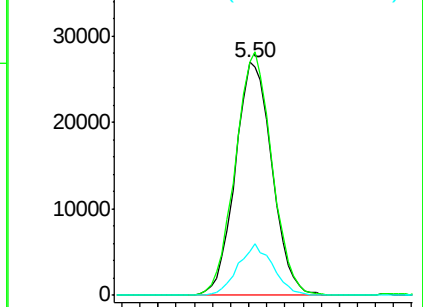
192 21.0 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.08 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

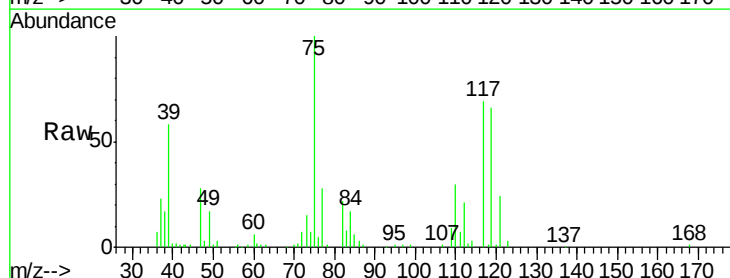
Tgt Ion: 75 Resp: 47808

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.7

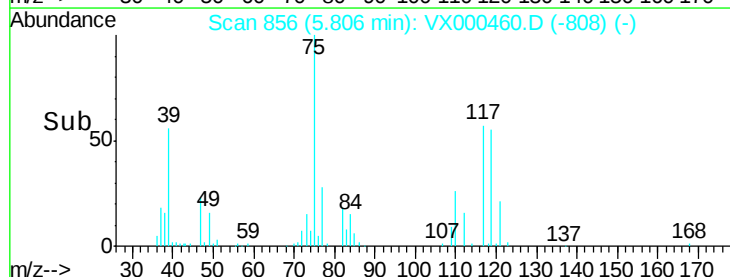
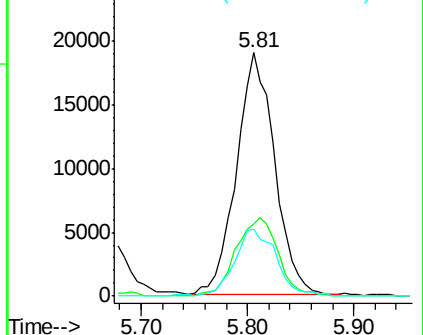
77 30.0 24.0 36.0

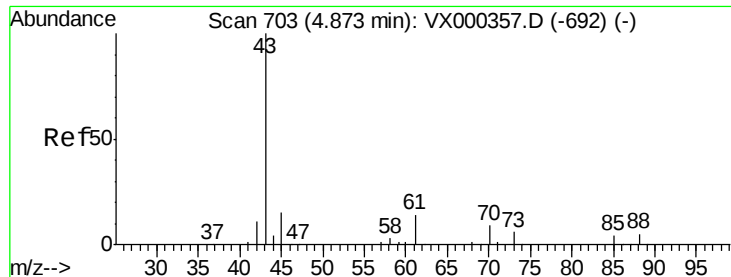


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

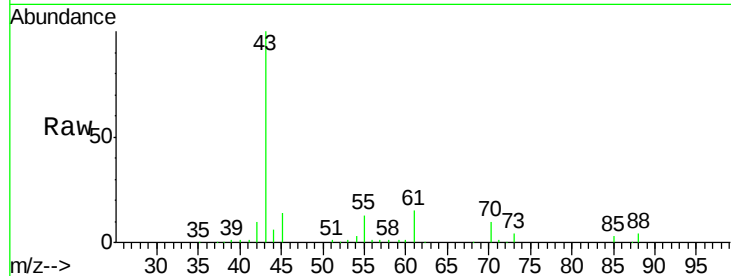




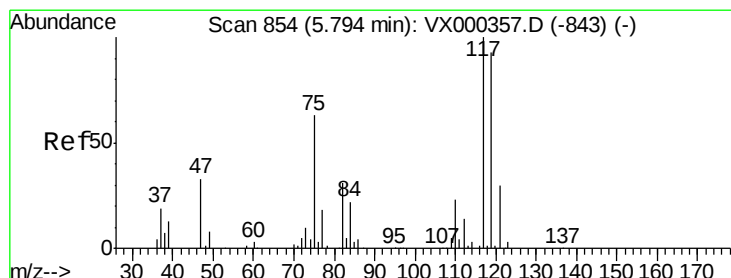
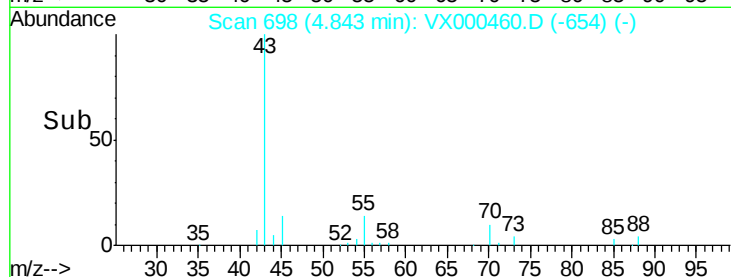
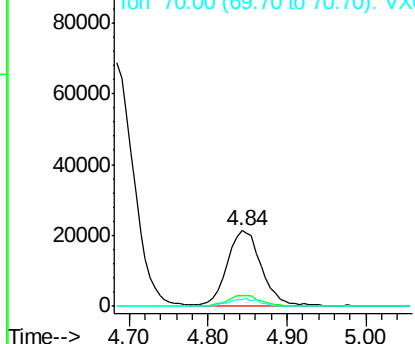
#37
Ethyl Acetate
Concen: 19.80 ug/l
RT: 4.84 min Scan# 698
Delta R.T. -0.03 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 43 Resp: 64369
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.0 7.7 11.5

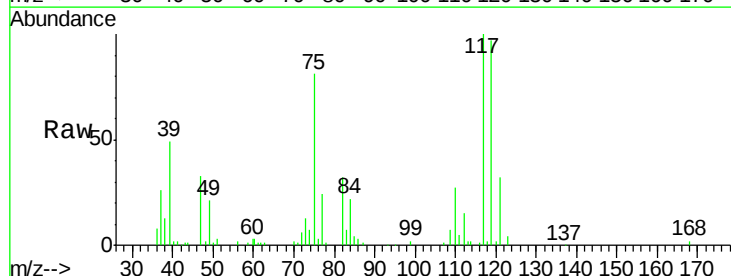


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

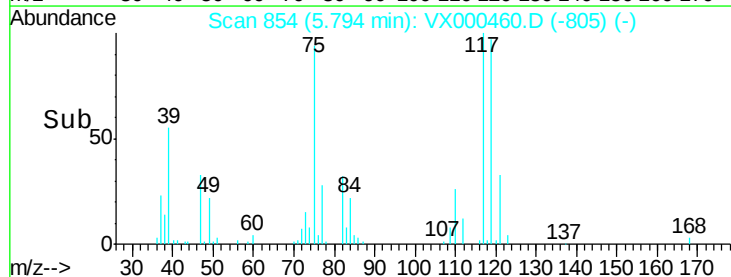
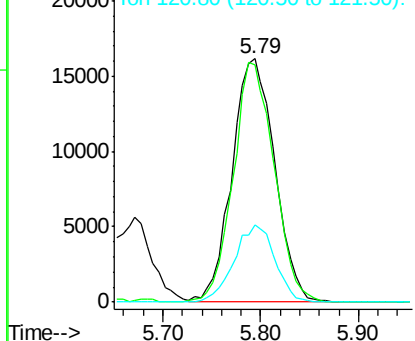


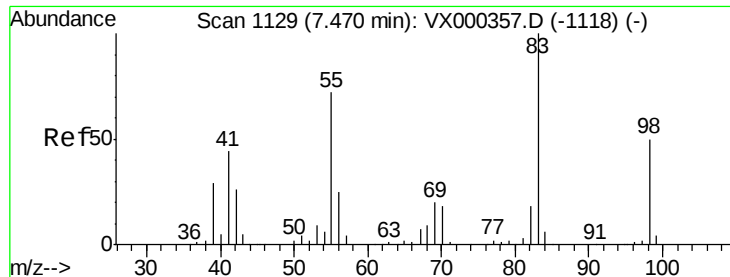
#38
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion: 117 Resp: 48998
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.2
121 31.6 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

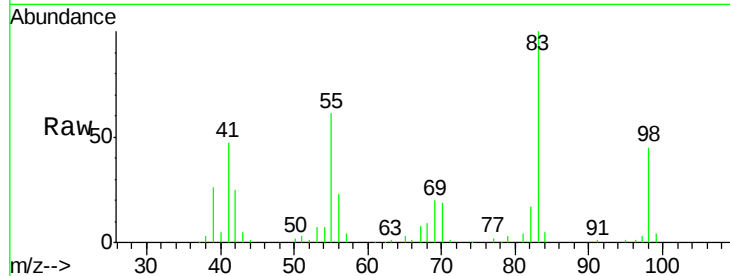




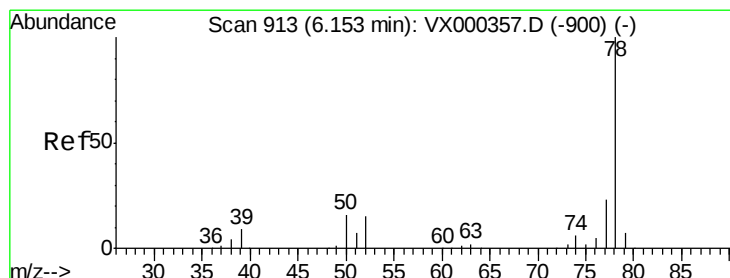
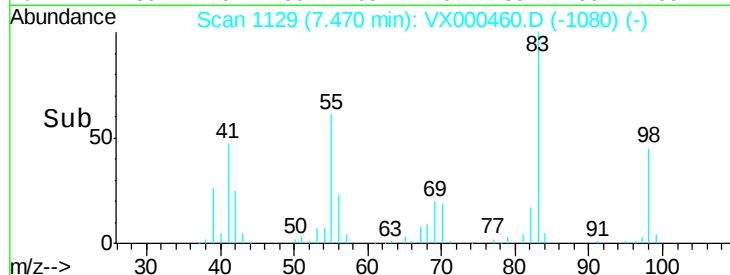
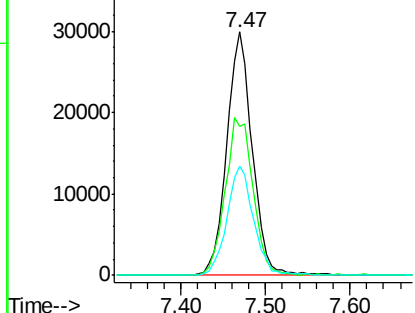
#39
Methylcyclohexane
Concen: 21.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 83 Resp: 61569
Ion Ratio Lower Upper
83 100
55 61.2 55.5 83.3
98 45.0 38.2 57.4

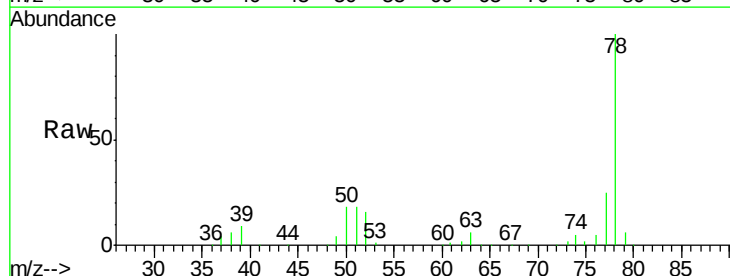


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

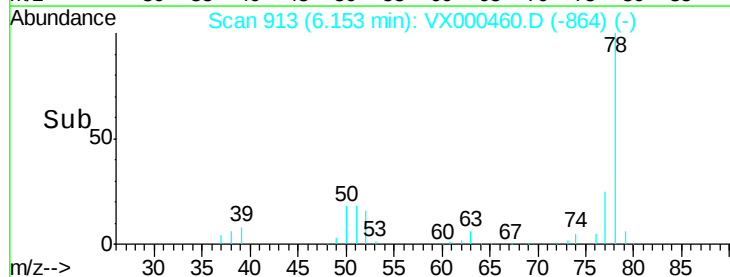
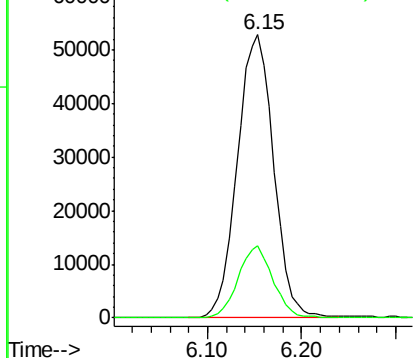


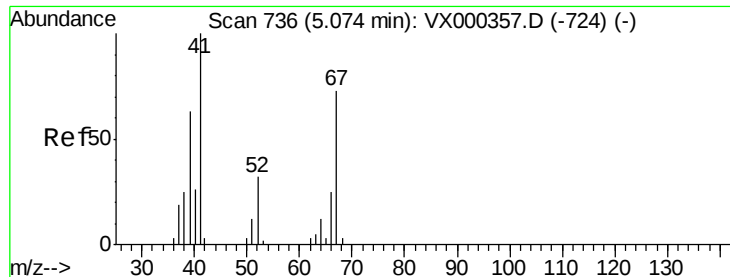
#40
Benzene
Concen: 20.55 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion: 78 Resp: 142064
Ion Ratio Lower Upper
78 100
77 25.4 18.7 28.1



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

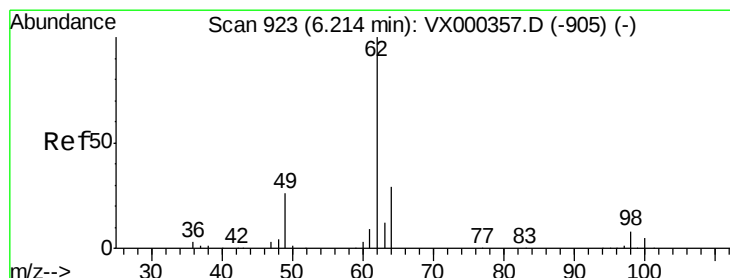
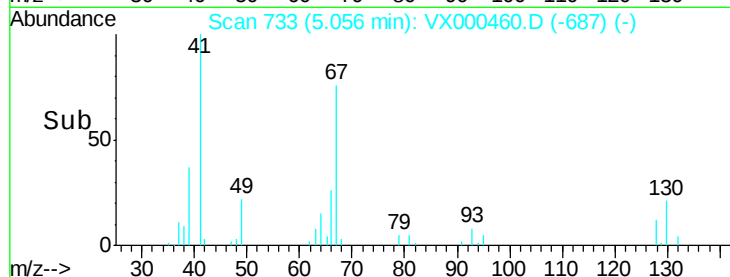
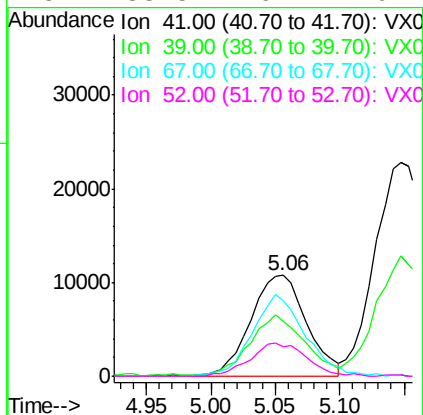
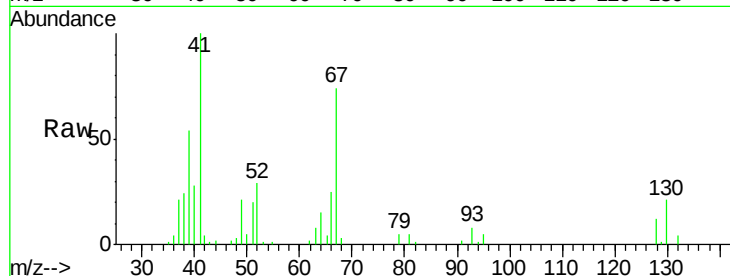




#41
Methacrylonitrile
Concen: 18.94 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.02 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

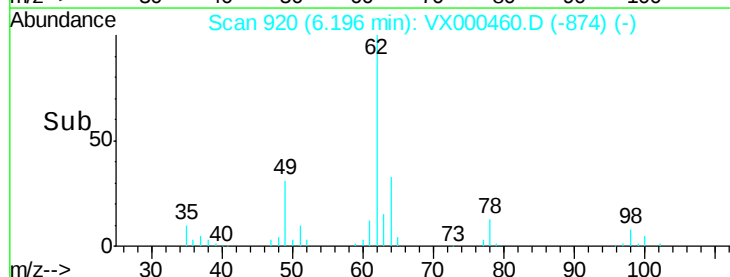
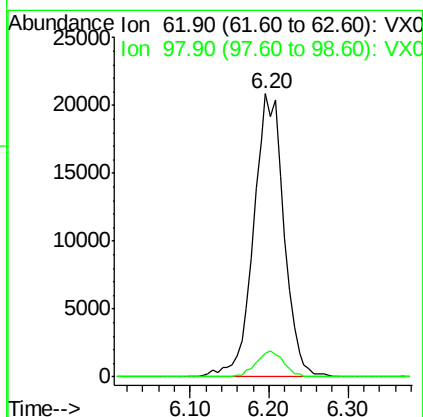
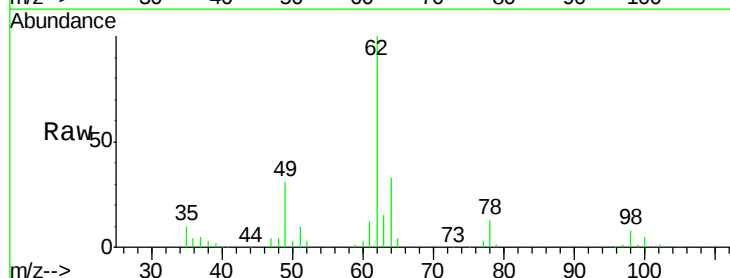
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion:	41	Resp:	32468
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.7	68.5
67	76.6	57.8	86.8
52	33.5	26.7	40.1



#42
1,2-Dichloroethane
Concen: 20.54 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.02 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion:	62	Resp:	55712
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.93 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.02 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

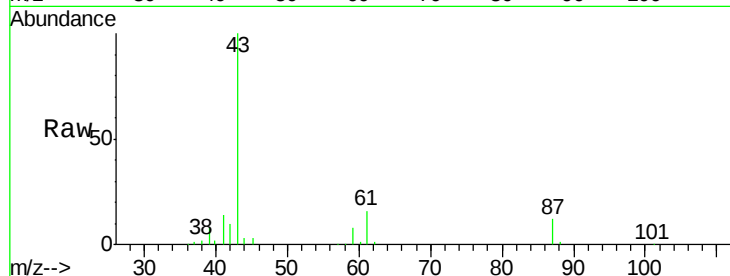
Tgt Ion: 43 Resp: 96459

Ion Ratio Lower Upper

43 100

61 18.6 14.4 21.6

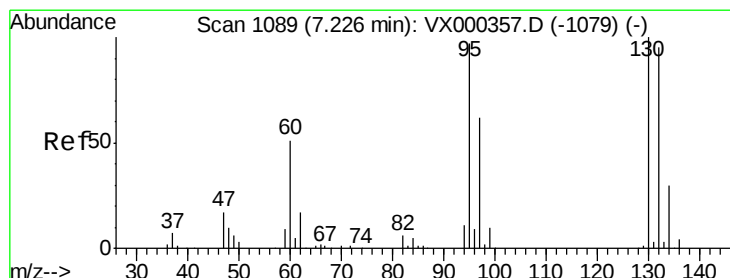
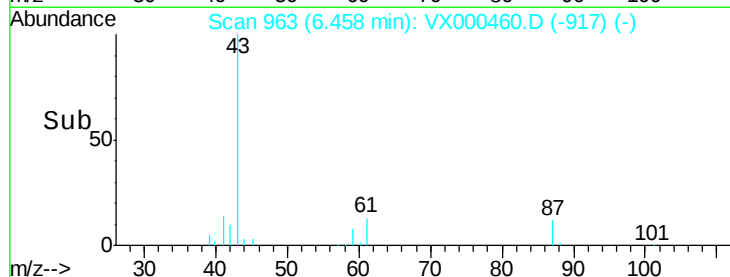
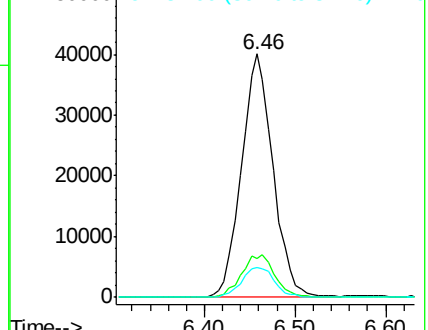
87 12.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.77 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000460.D

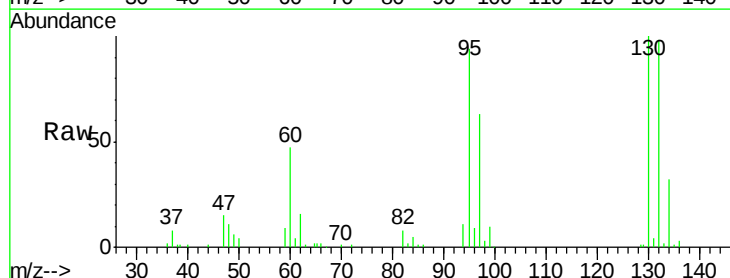
Acq: 27 Mar 2018 16:06

Tgt Ion: 130 Resp: 41131

Ion Ratio Lower Upper

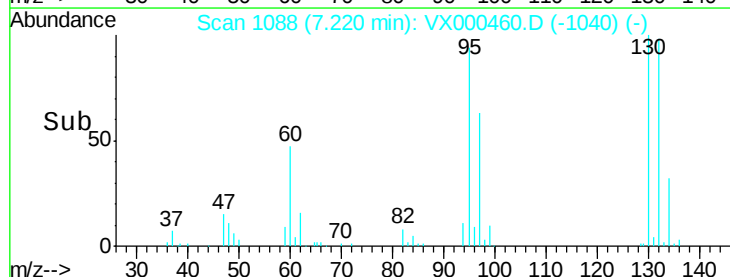
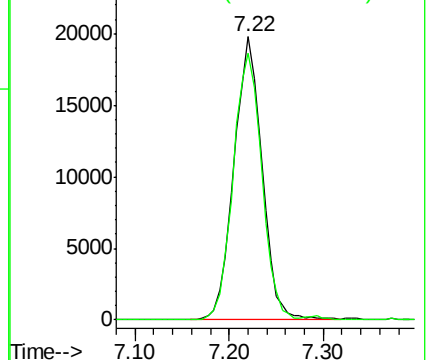
130 100

95 94.2 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.15 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

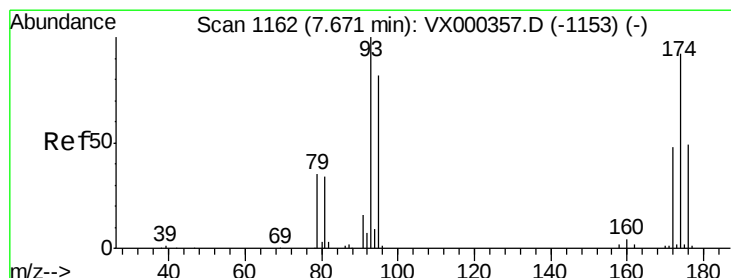
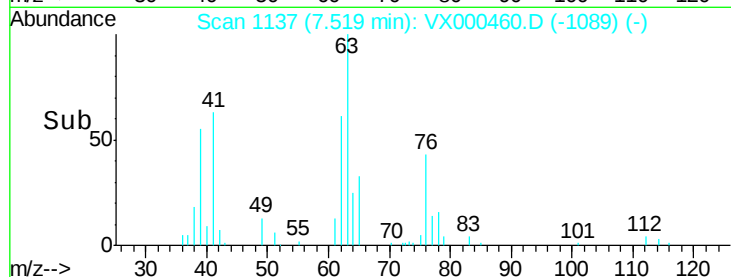
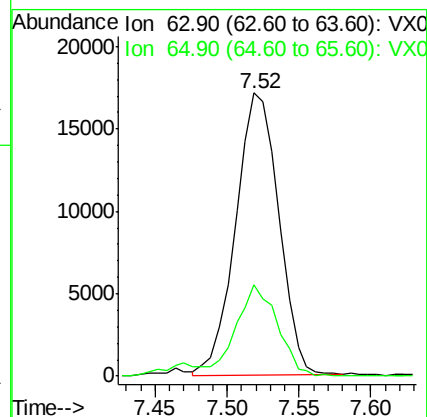
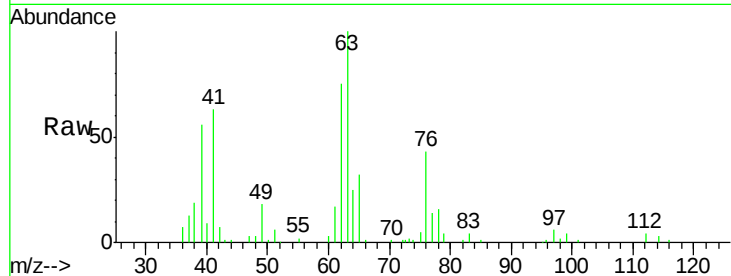
VX0327WBSD01

Tgt Ion: 63 Resp: 35645

Ion Ratio Lower Upper

63 100

65 32.6 24.6 36.8



#46

Dibromomethane

Concen: 19.63 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

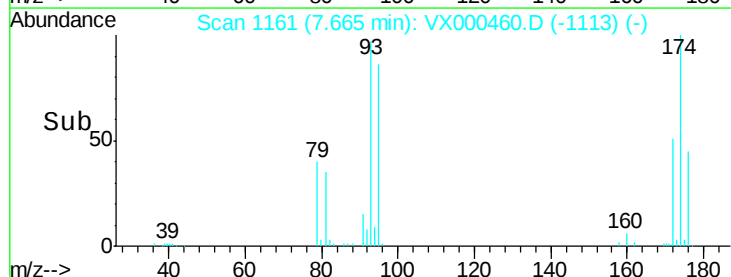
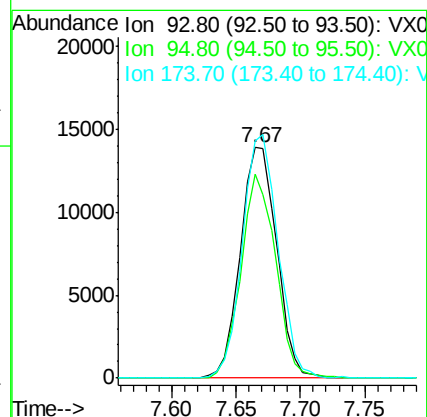
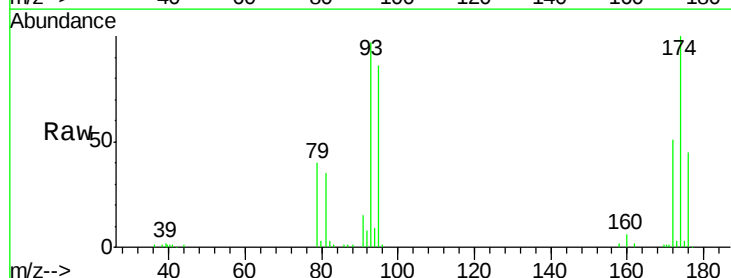
Tgt Ion: 93 Resp: 27264

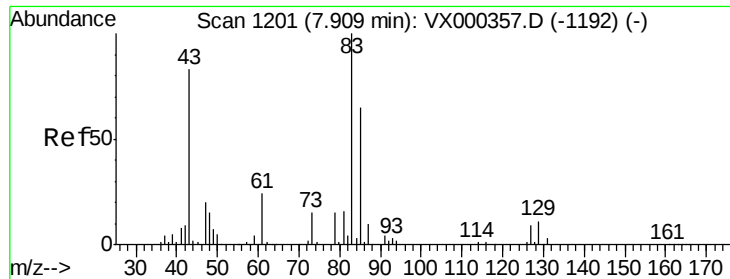
Ion Ratio Lower Upper

93 100

95 84.1 66.5 99.7

174 103.3 76.0 114.0





#47

Bromodichloromethane

Concen: 20.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

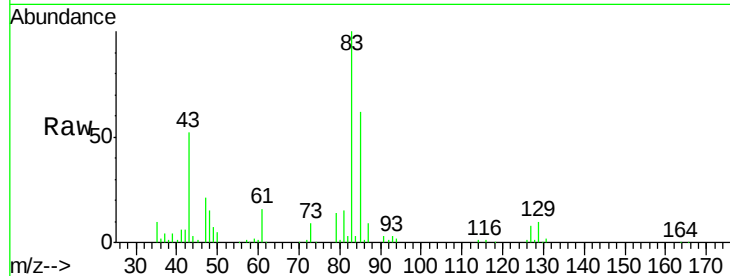
Tgt Ion: 83 Resp: 50898

Ion Ratio Lower Upper

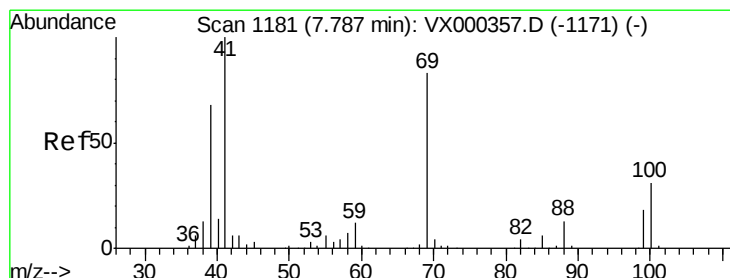
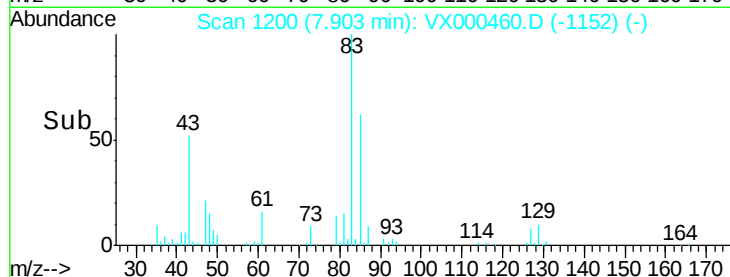
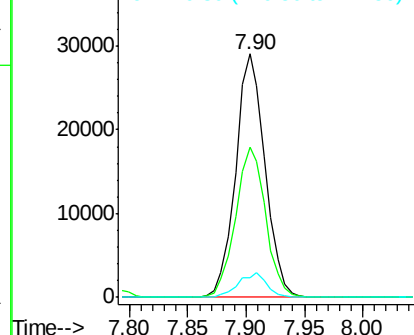
83 100

85 61.9 51.4 77.0

127 8.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.99 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

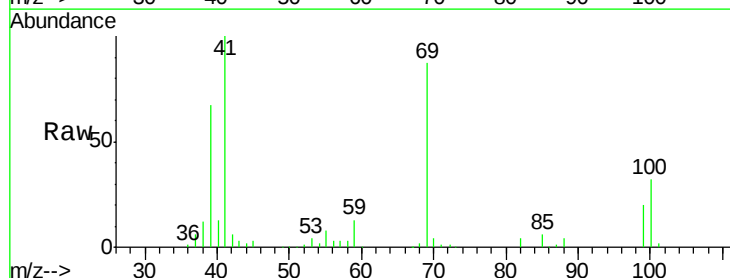
Tgt Ion: 41 Resp: 46972

Ion Ratio Lower Upper

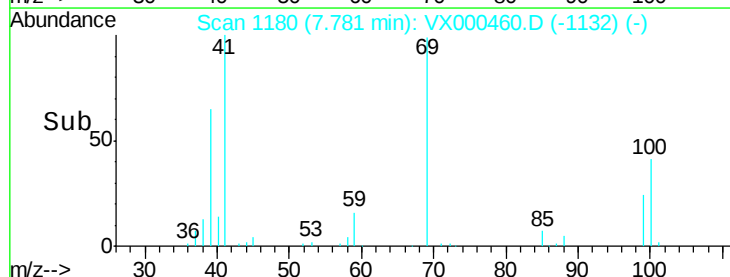
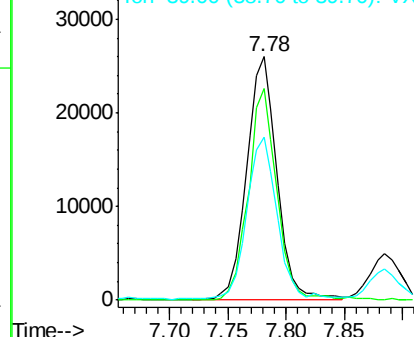
41 100

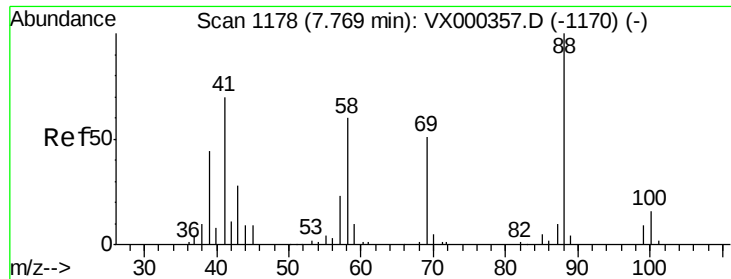
69 82.1 68.2 102.4

39 66.2 54.6 81.8



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

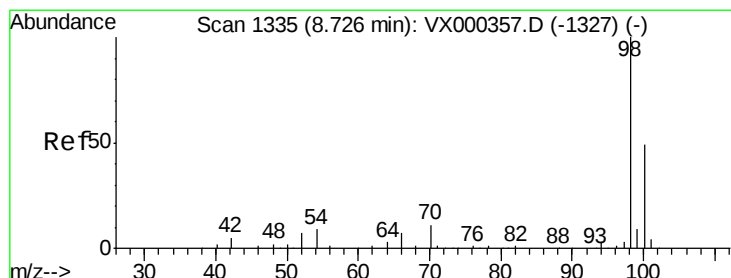
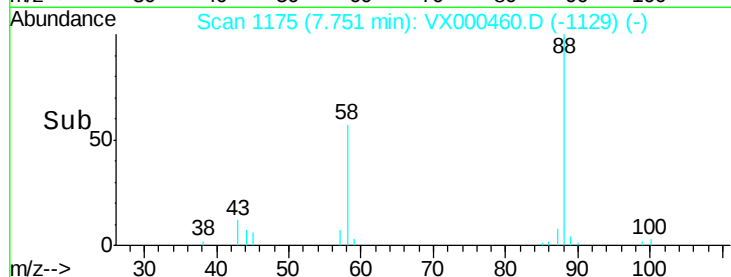
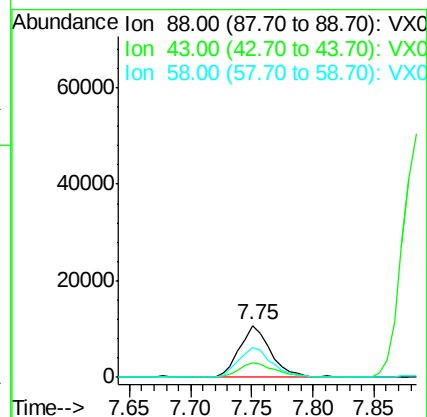
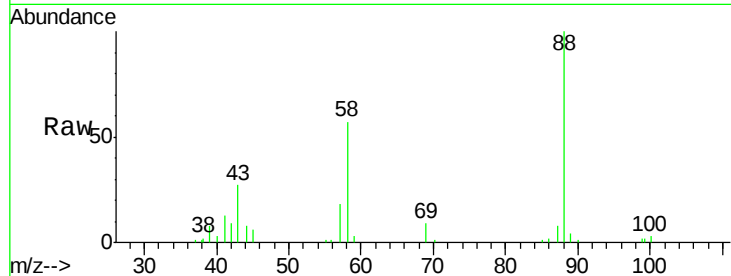




#49
1,4-Dioxane
Concen: 383.65 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.02 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

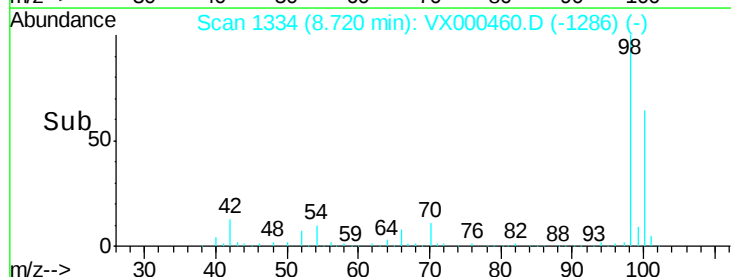
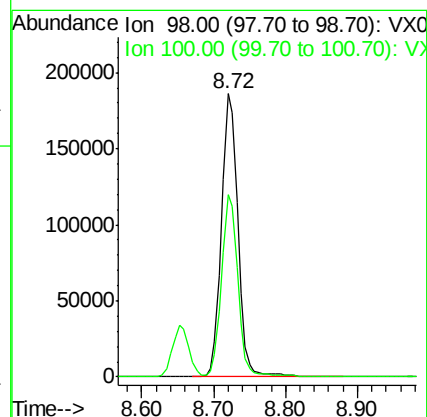
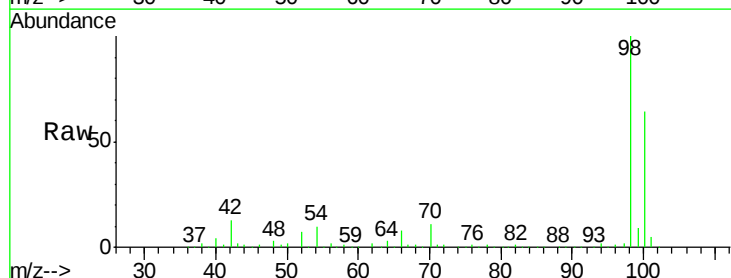
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

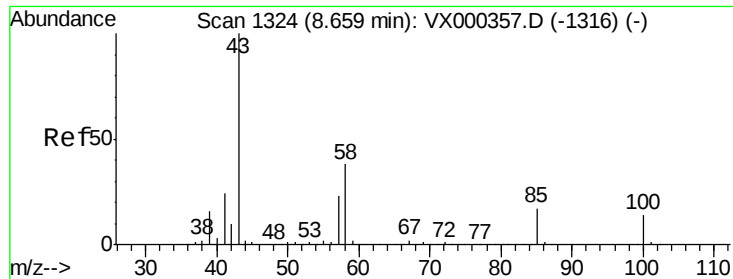
Tgt Ion: 88 Resp: 18949
Ion Ratio Lower Upper
88 100
43 32.6 26.8 40.2
58 61.5 52.2 78.2



#50
Toluene-d8
Concen: 44.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion: 98 Resp: 295347
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 97.89 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

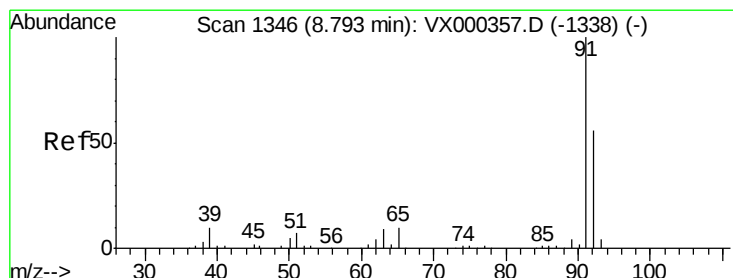
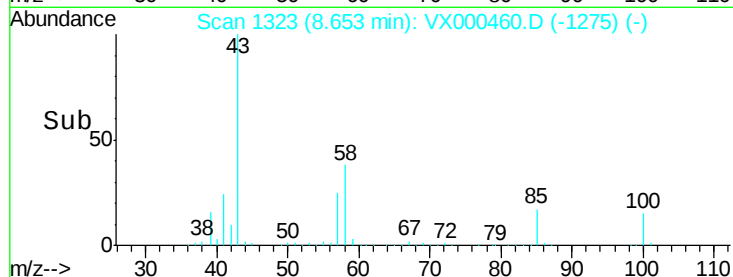
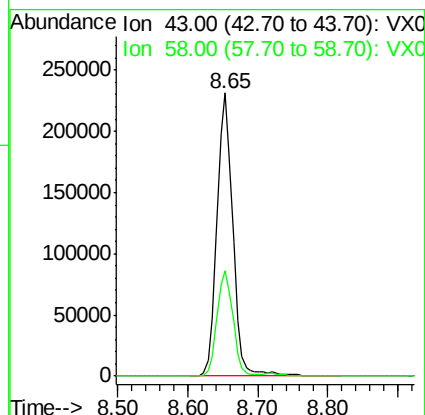
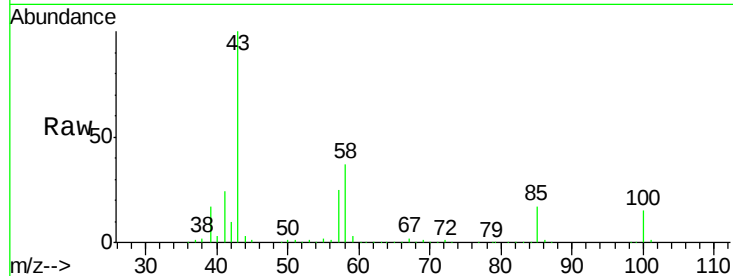
VX0327WBSD01

Tgt Ion: 43 Resp: 366736

Ion Ratio Lower Upper

43 100

58 37.1 30.3 45.5



#52

Toluene

Concen: 19.40 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000460.D

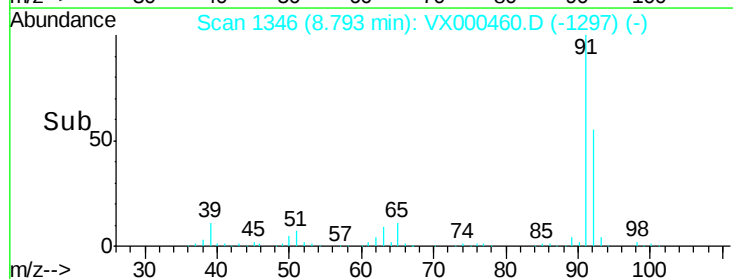
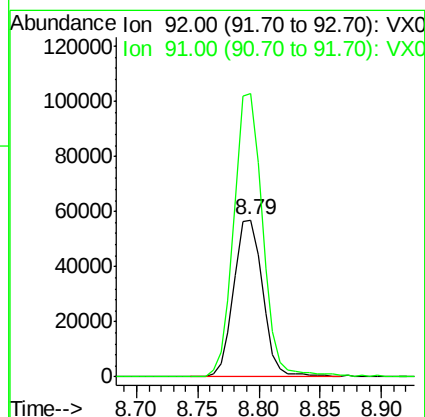
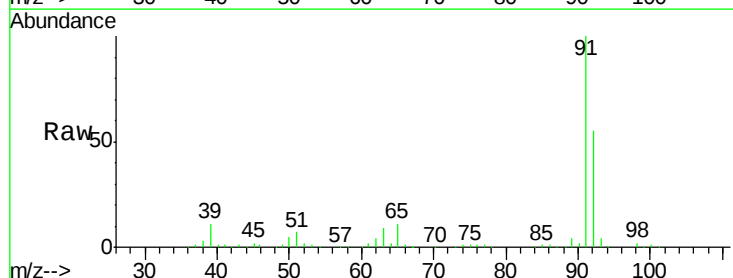
Acq: 27 Mar 2018 16:06

Tgt Ion: 92 Resp: 93740

Ion Ratio Lower Upper

92 100

91 179.2 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 20.47 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

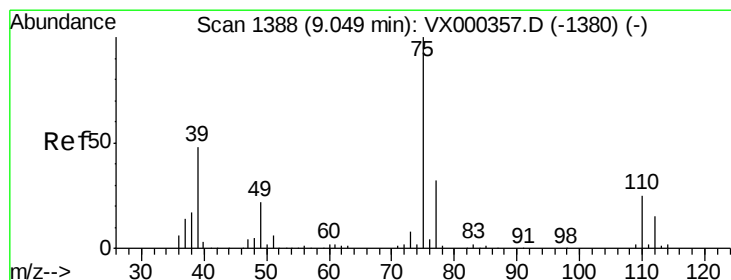
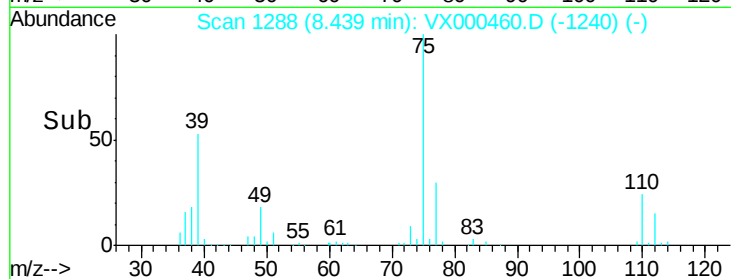
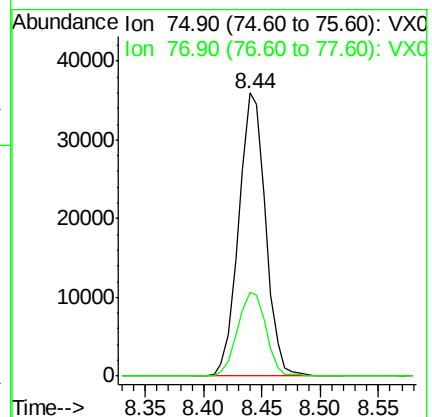
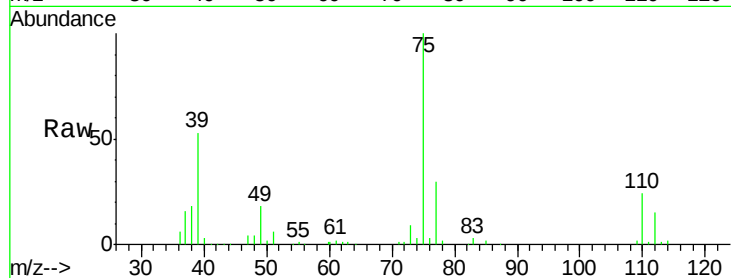
VX0327WBSD01

Tgt Ion: 75 Resp: 57975

Ion Ratio Lower Upper

75 100

77 29.8 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 20.47 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

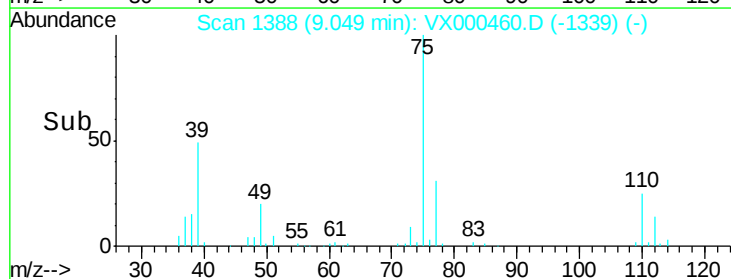
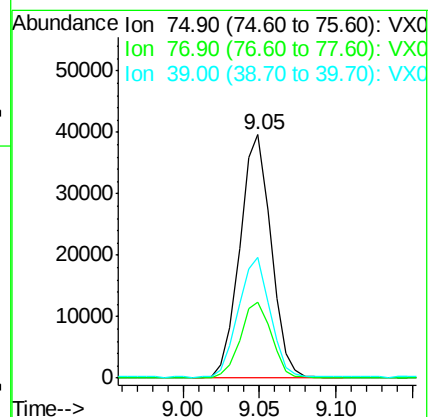
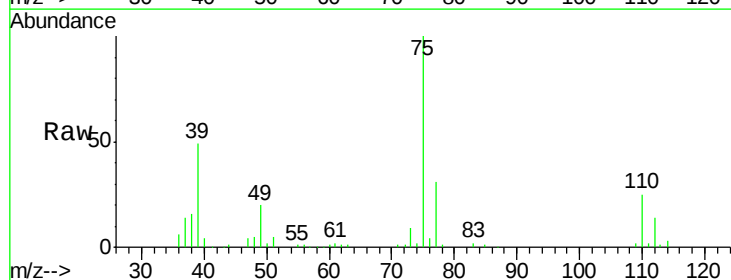
Tgt Ion: 75 Resp: 56234

Ion Ratio Lower Upper

75 100

77 31.2 26.1 39.1

39 49.0 39.8 59.6

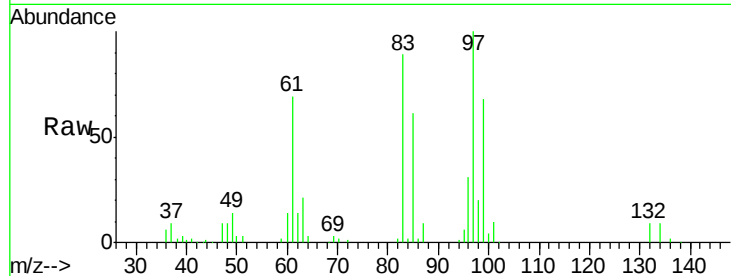




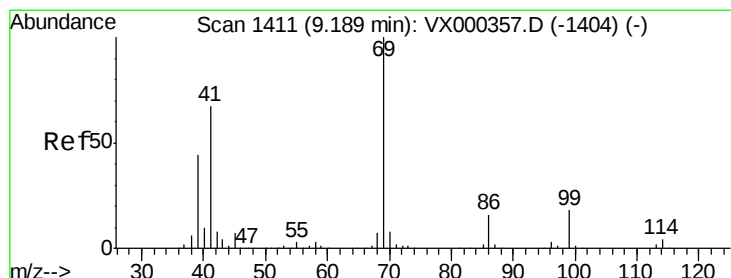
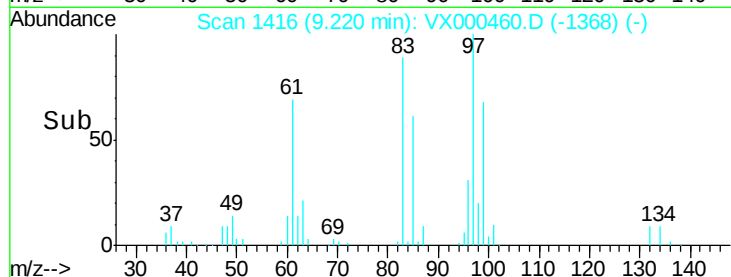
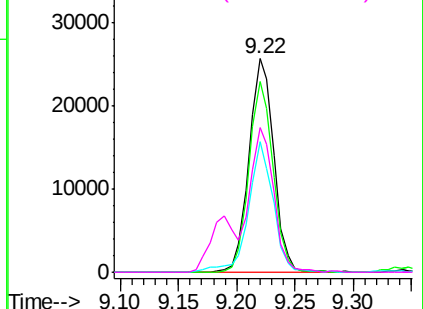
#55
 1,1,2-Trichloroethane
 Concen: 19.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tgt Ion: 97 Resp: 38462
 Ion Ratio Lower Upper
 97 100
 83 89.4 67.9 101.9
 85 60.9 42.8 64.2
 99 67.6 49.4 74.2

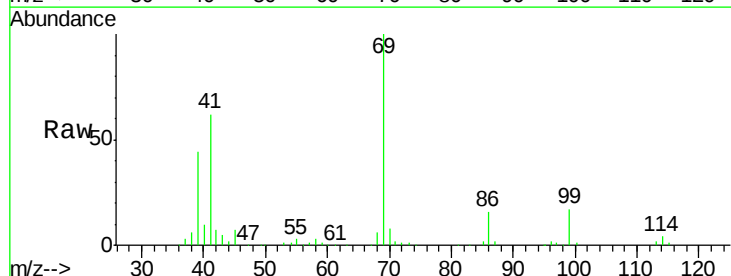


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

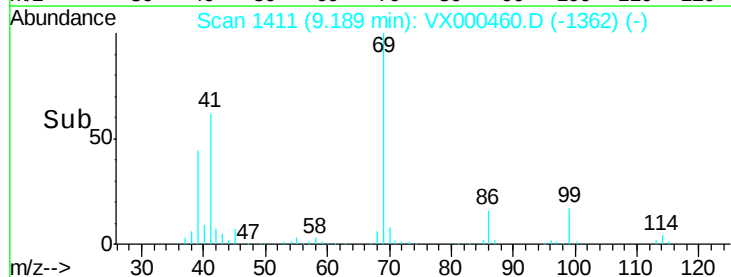
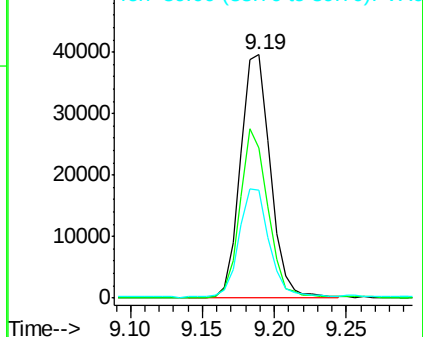


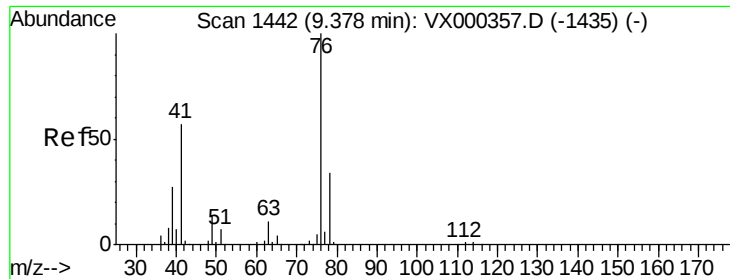
#56
 Ethyl methacrylate
 Concen: 18.97 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion: 69 Resp: 57124
 Ion Ratio Lower Upper
 69 100
 41 65.1 53.0 79.6
 39 44.4 35.3 52.9



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





#57

1,3-Dichloropropane

Concen: 20.09 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

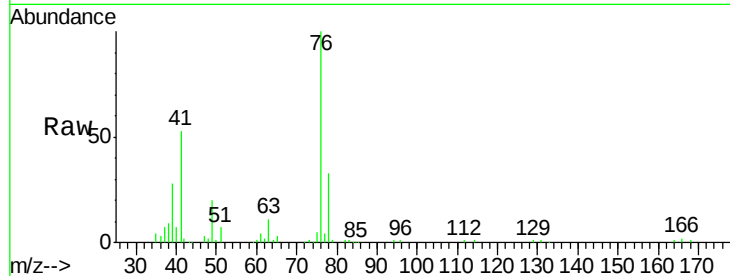
VX0327WBSD01

Tgt Ion: 76 Resp: 63848

Ion Ratio Lower Upper

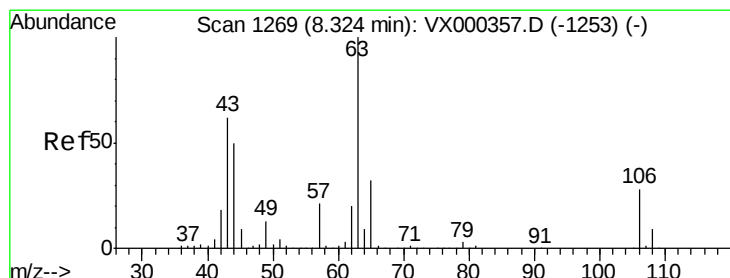
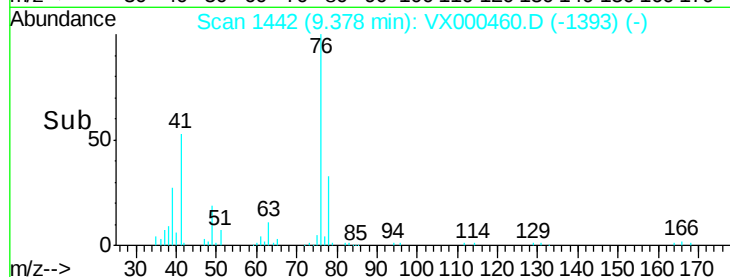
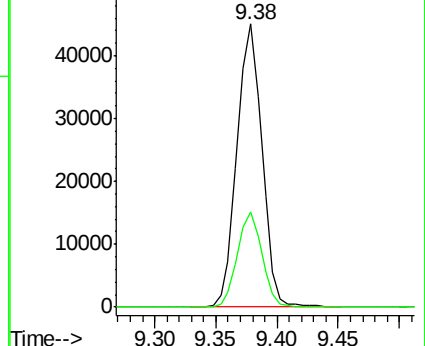
76 100

78 33.0 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.74 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000460.D

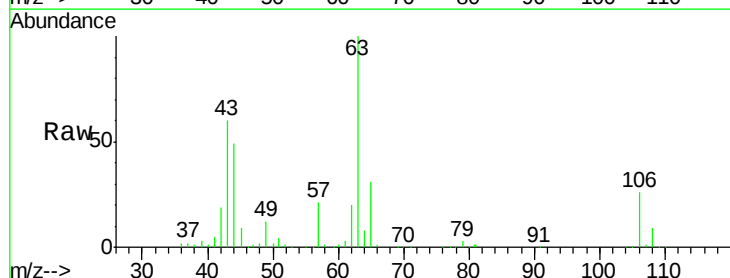
Acq: 27 Mar 2018 16:06

Tgt Ion: 63 Resp: 142706

Ion Ratio Lower Upper

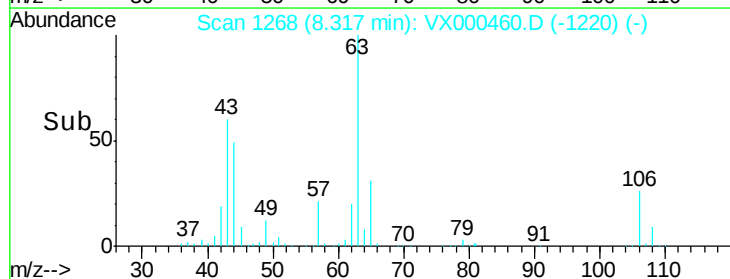
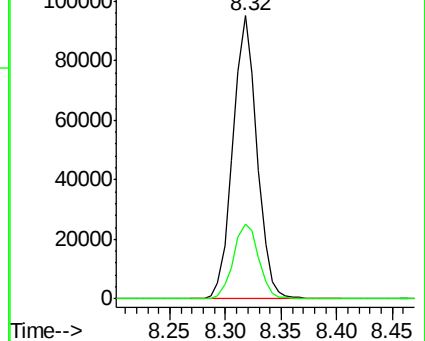
63 100

106 27.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

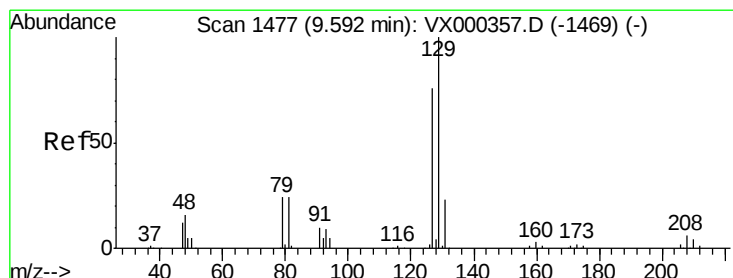
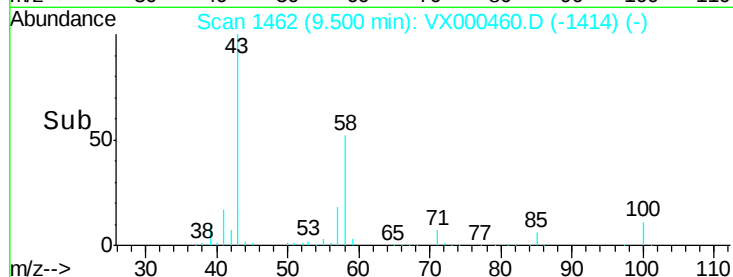
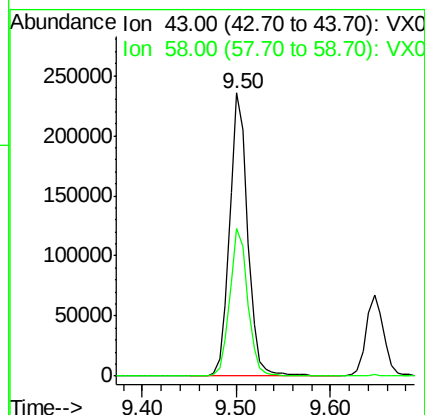
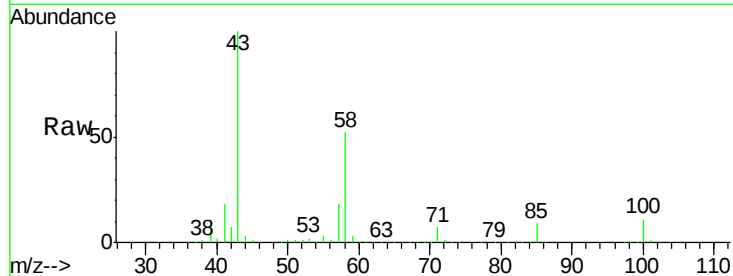




#59
 2-Hexanone
 Concen: 98.36 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

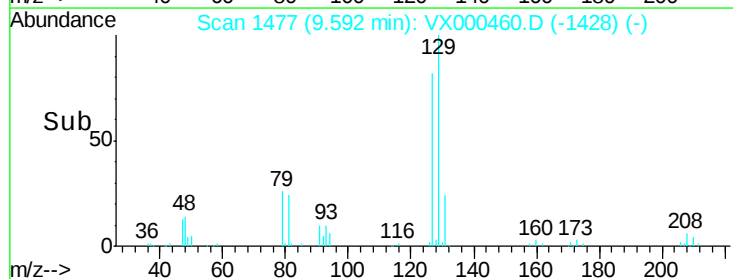
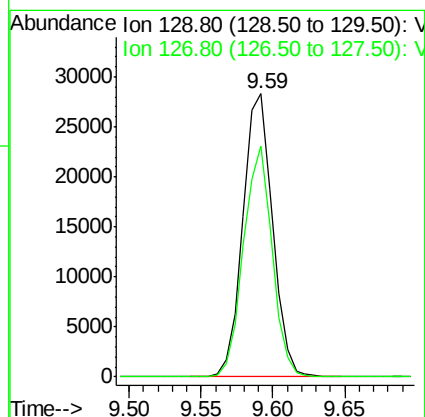
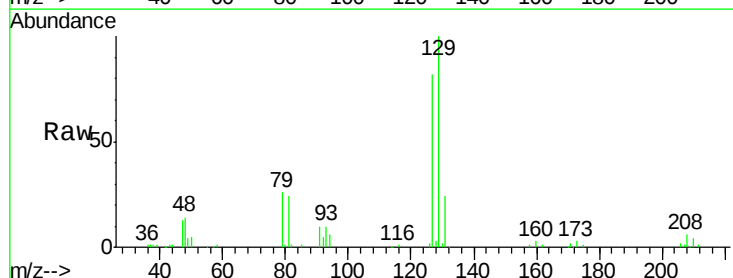
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

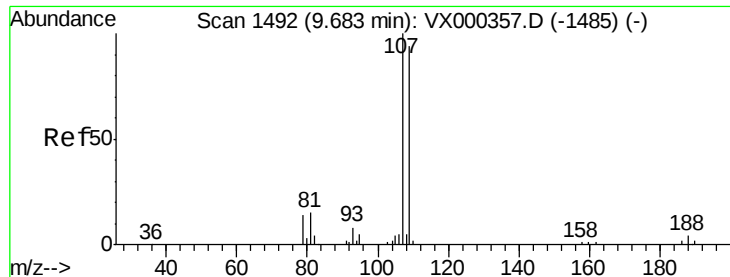
Tgt Ion: 43 Resp: 312894
 Ion Ratio Lower Upper
 43 100
 58 52.2 26.6 79.7



#60
 Dibromochloromethane
 Concen: 19.88 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion: 129 Resp: 40389
 Ion Ratio Lower Upper
 129 100
 127 78.3 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.08 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

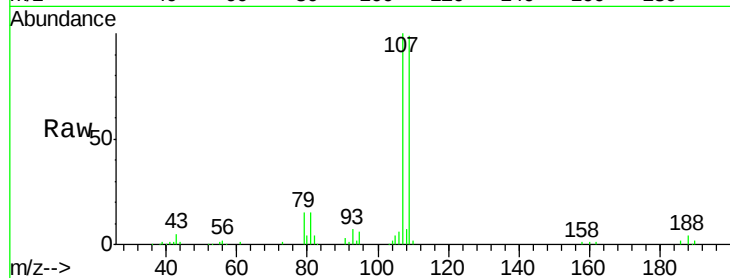
VX0327WBSD01

Tgt Ion: 107 Resp: 42796

Ion Ratio Lower Upper

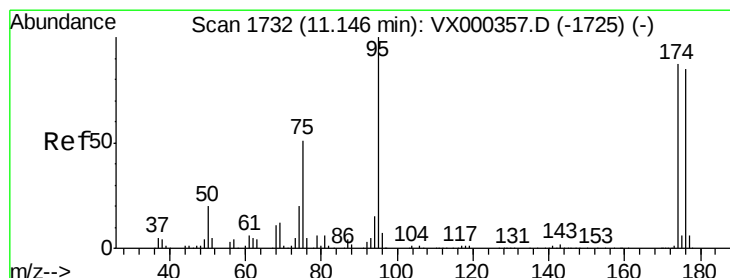
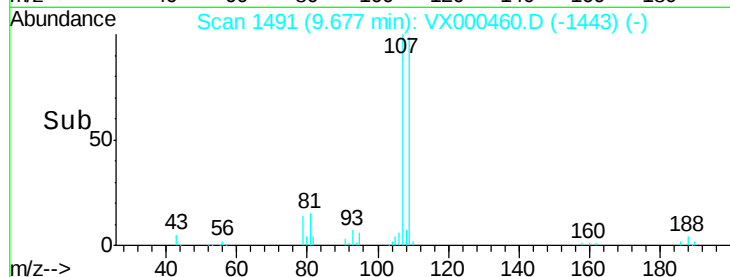
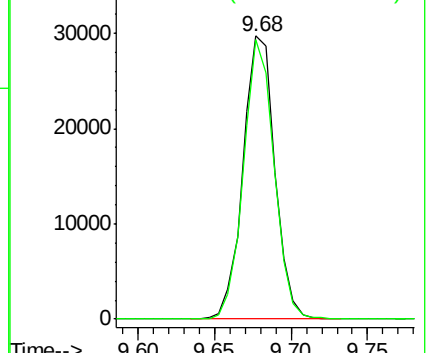
107 100

109 94.9 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.74 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

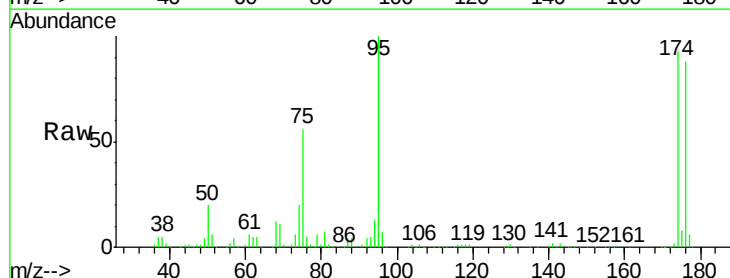
Tgt Ion: 95 Resp: 110488

Ion Ratio Lower Upper

95 100

174 88.1 0.0 173.6

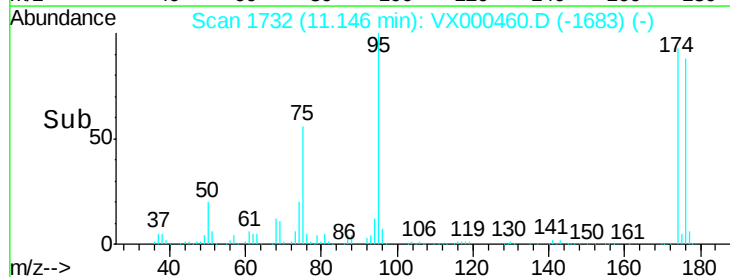
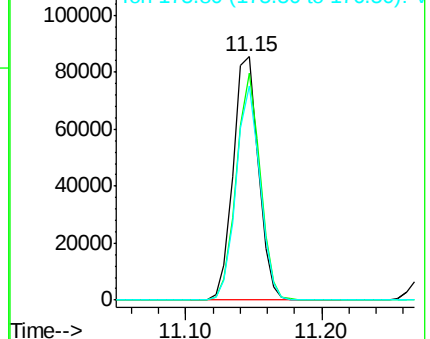
176 83.6 0.0 164.6

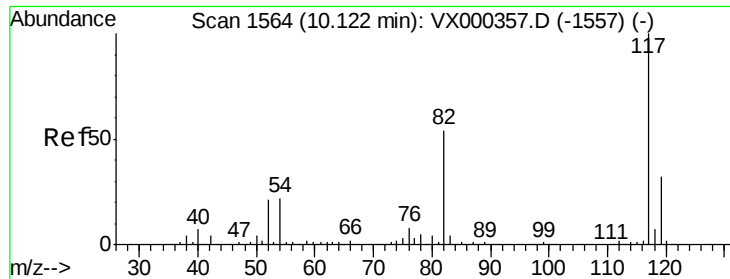


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

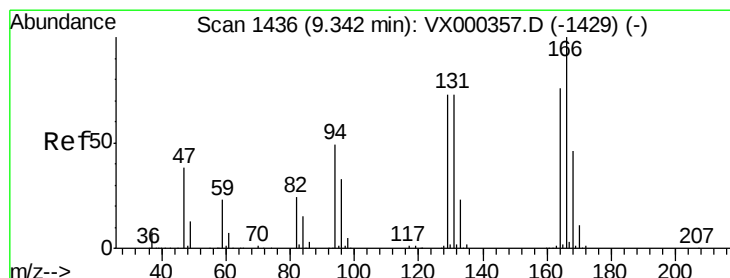
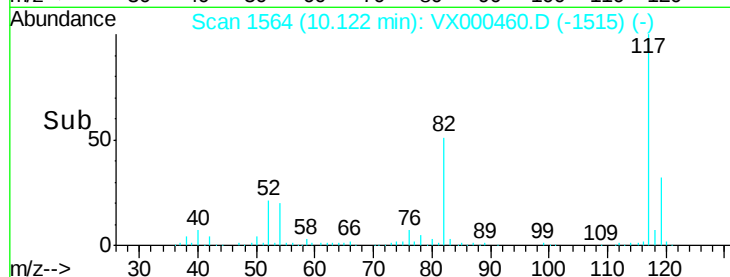
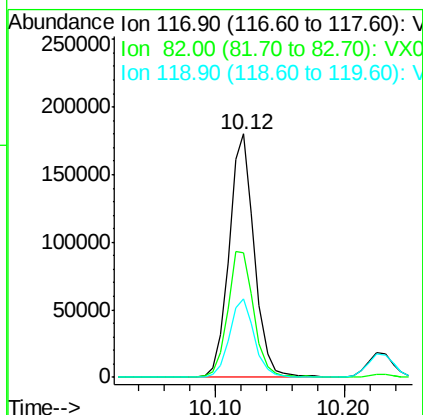
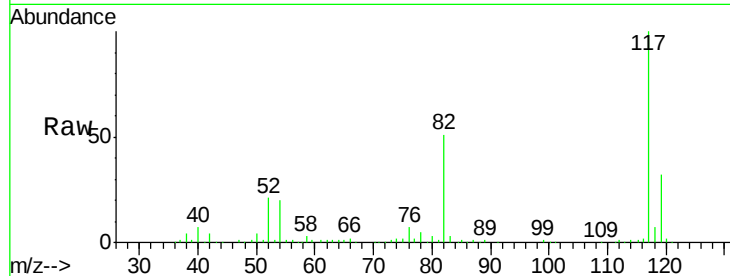




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

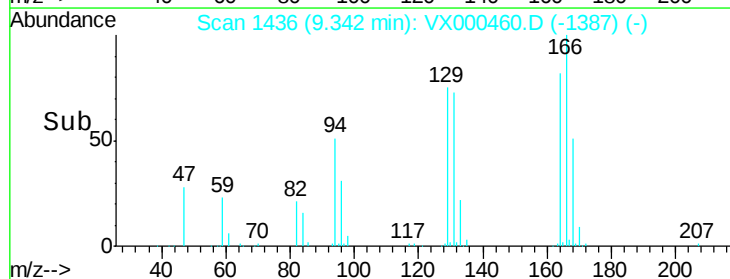
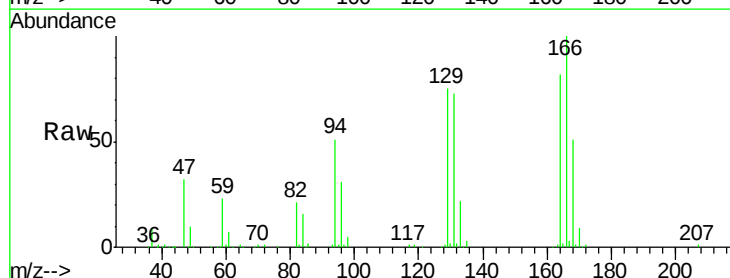
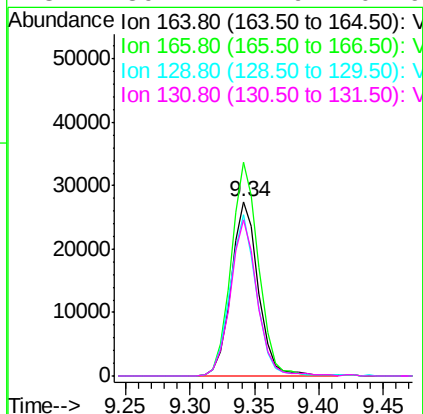
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

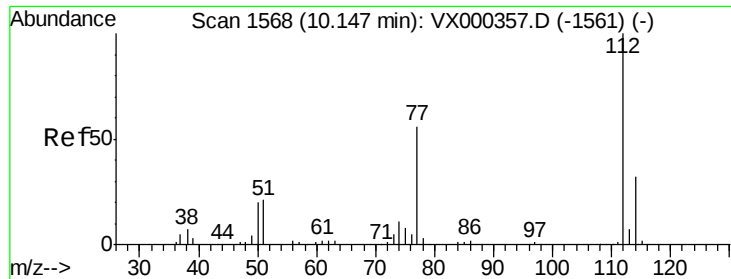
Tgt Ion:117 Resp: 245984
Ion Ratio Lower Upper
117 100
82 51.1 43.8 65.8
119 32.1 24.9 37.3



#64
Tetrachloroethene
Concen: 21.15 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion:164 Resp: 40378
Ion Ratio Lower Upper
164 100
166 122.3 101.0 151.6
129 92.0 79.0 118.4
131 89.7 71.9 107.9

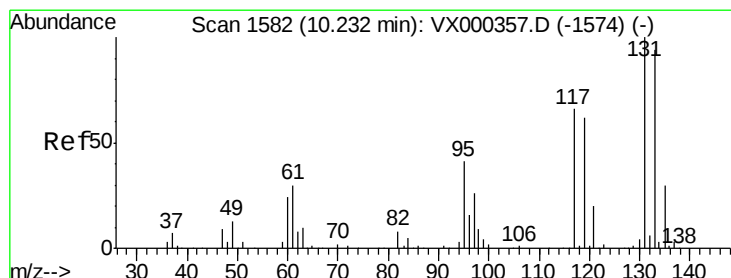
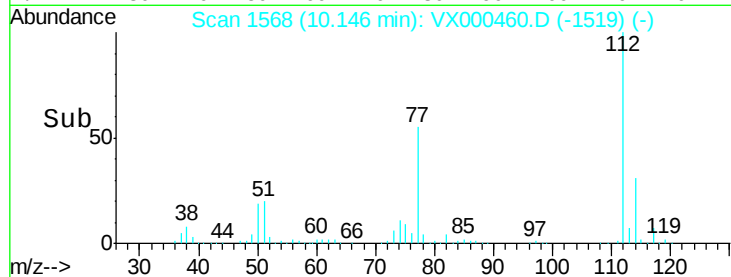
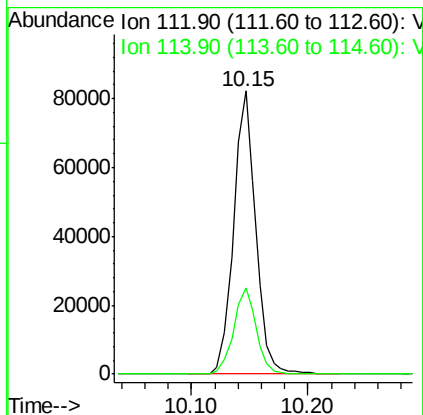
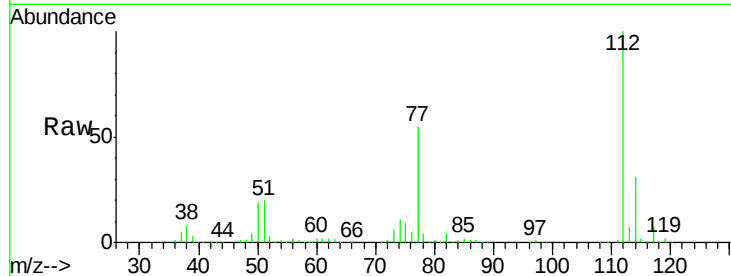




#65
Chlorobenzene
Concen: 19.79 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

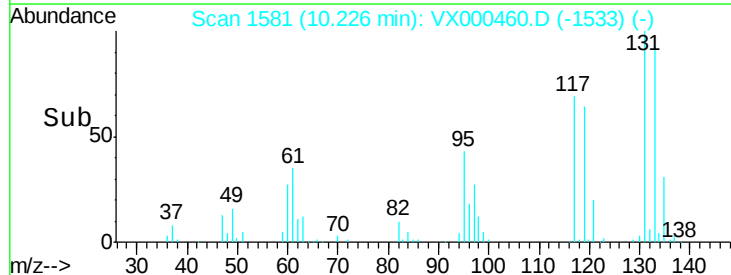
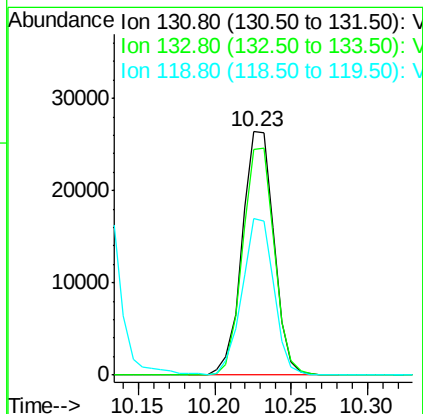
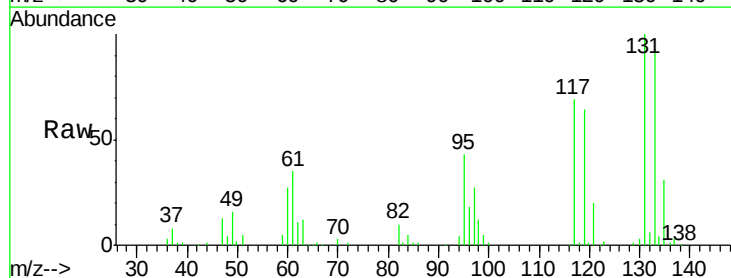
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

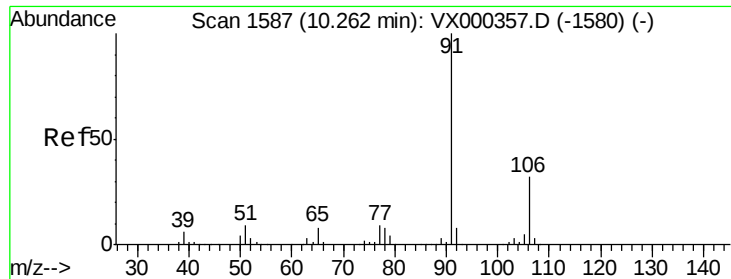
Tgt Ion:112 Resp: 108359
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.44 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion:131 Resp: 38003
Ion Ratio Lower Upper
131 100
133 93.0 47.1 141.3
119 64.4 33.1 99.2





#67

Ethyl Benzene

Concen: 20.22 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

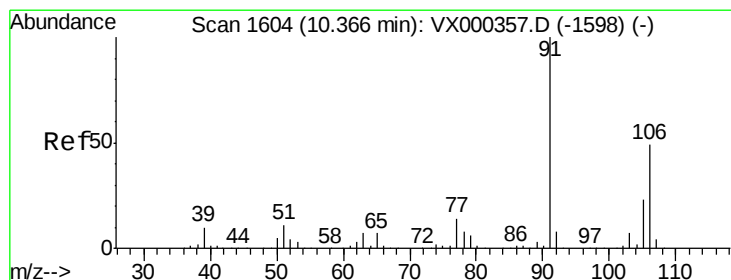
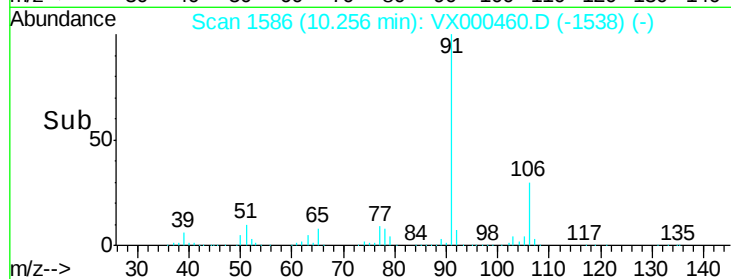
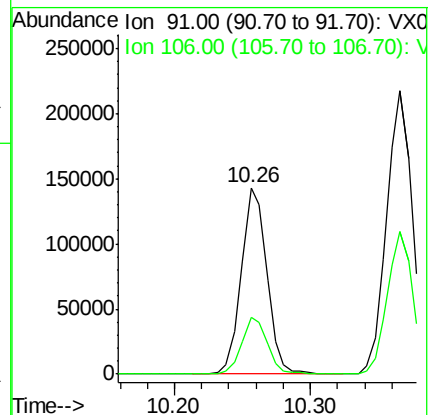
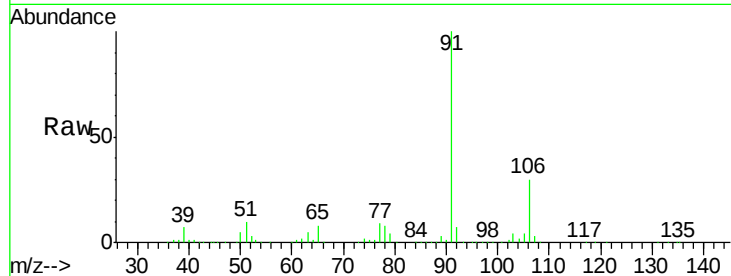
VX0327WBSD01

Tgt Ion: 91 Resp: 187678

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.6



#68

m/p-Xylenes

Concen: 39.71 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000460.D

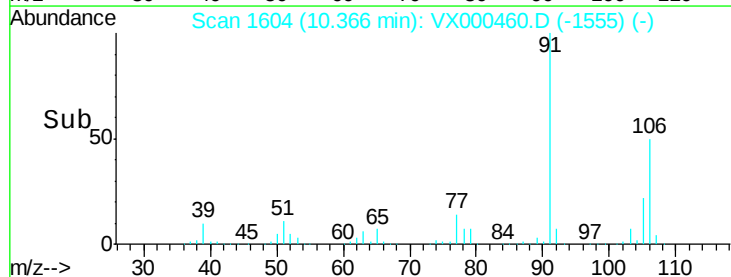
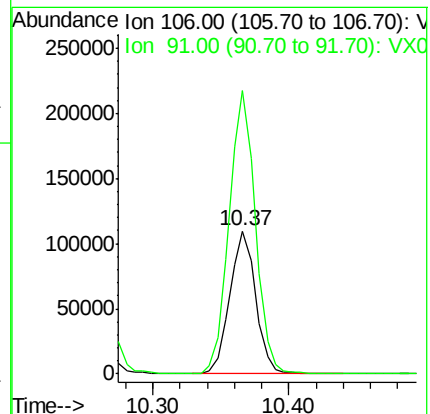
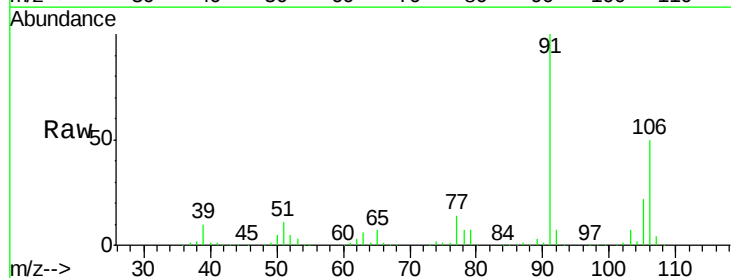
Acq: 27 Mar 2018 16:06

Tgt Ion: 106 Resp: 145015

Ion Ratio Lower Upper

106 100

91 200.5 163.4 245.2

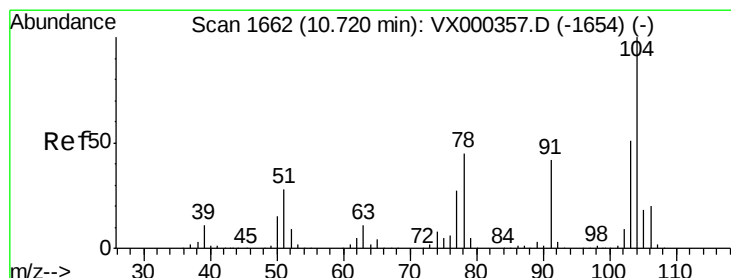
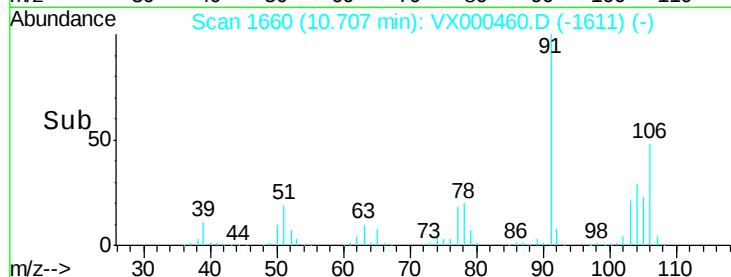
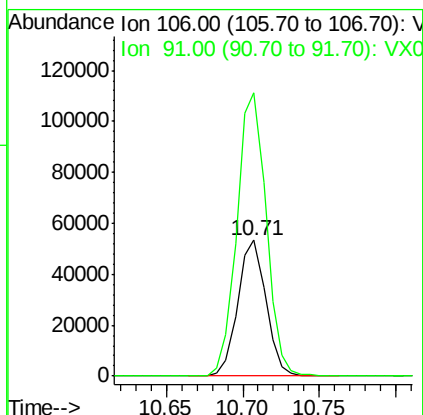
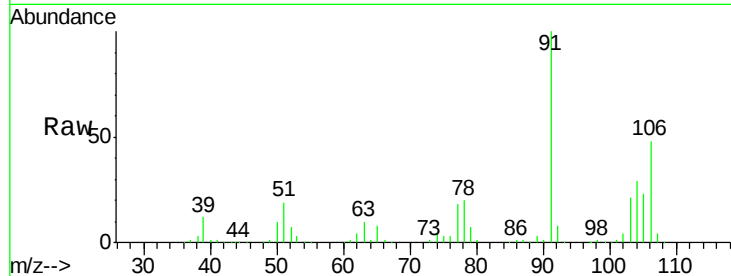




#69
o-Xylene
Concen: 19.30 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

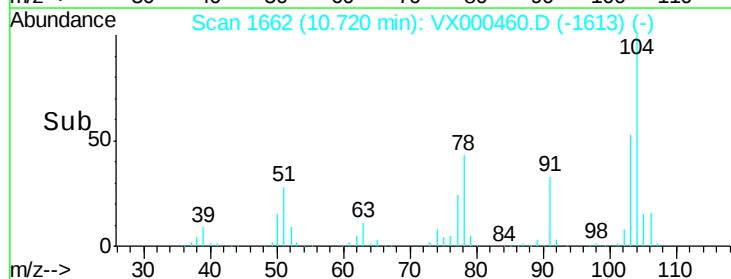
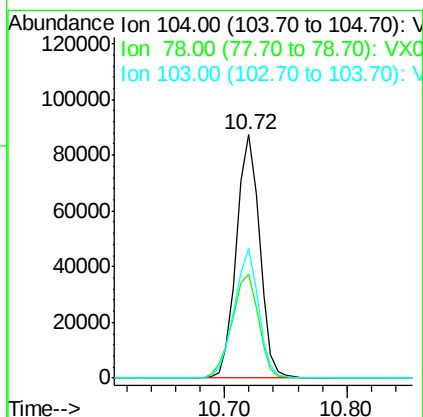
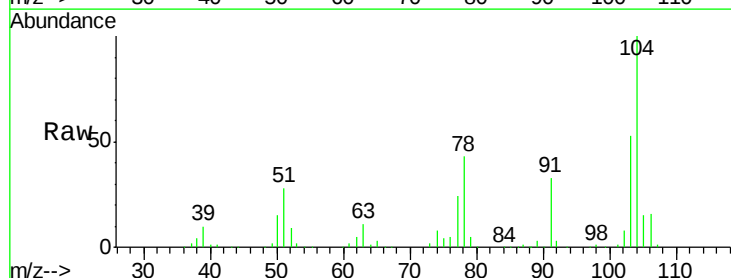
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

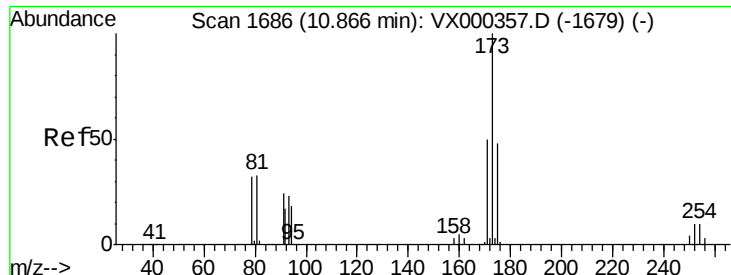
Tgt Ion:106 Resp: 68247
Ion Ratio Lower Upper
106 100
91 216.2 106.5 319.6



#70
Styrene
Concen: 19.57 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion:104 Resp: 114468
Ion Ratio Lower Upper
104 100
78 48.7 40.5 60.7
103 56.1 45.7 68.5





#71

Bromoform

Concen: 18.55 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

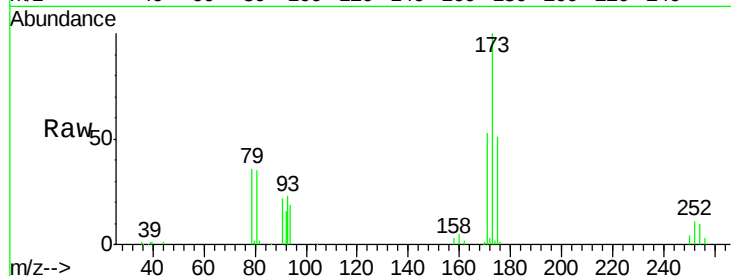
Tgt Ion:173 Resp: 29517

Ion Ratio Lower Upper

173 100

175 51.2 25.4 76.4

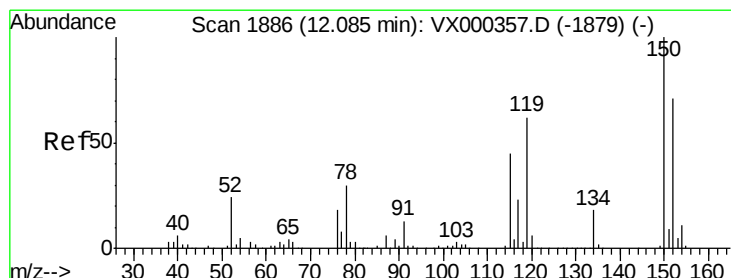
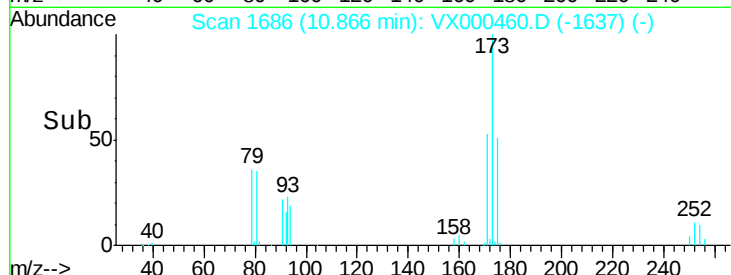
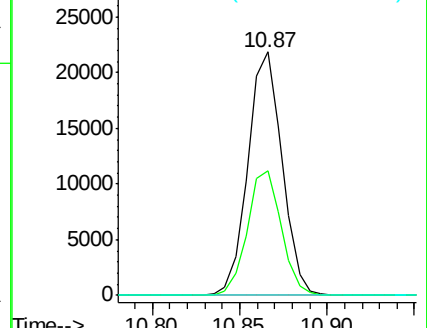
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

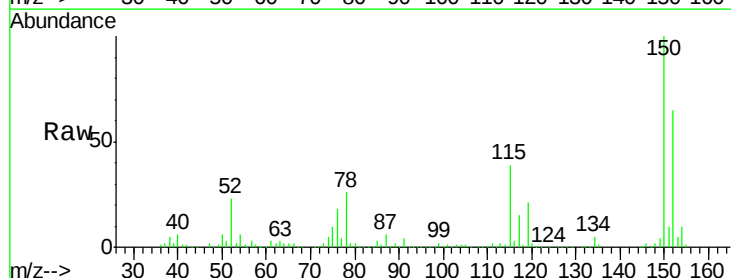
Tgt Ion:152 Resp: 136886

Ion Ratio Lower Upper

152 100

115 67.6 39.8 119.3

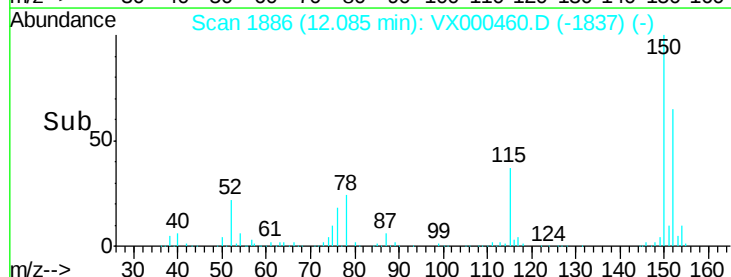
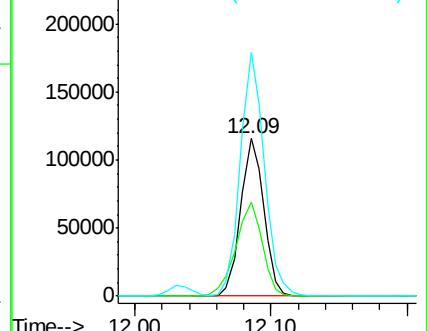
150 161.6 0.0 344.4

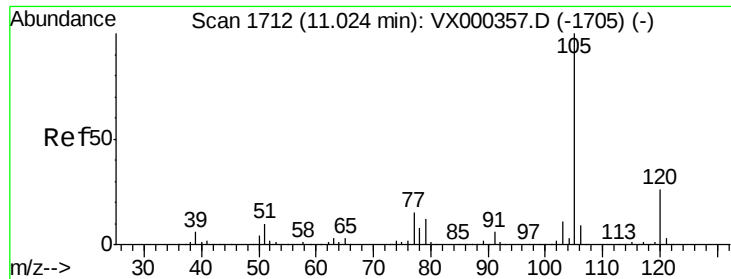


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.08 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

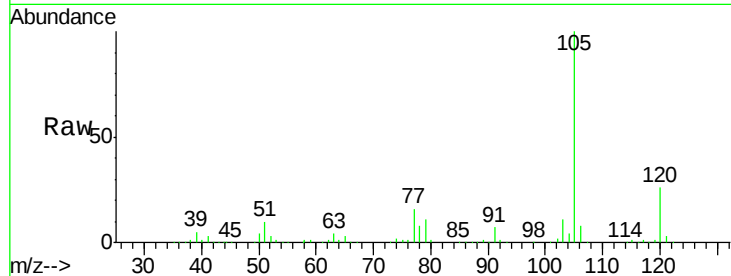
VX0327WBSD01

Tgt Ion:105 Resp: 191210

Ion Ratio Lower Upper

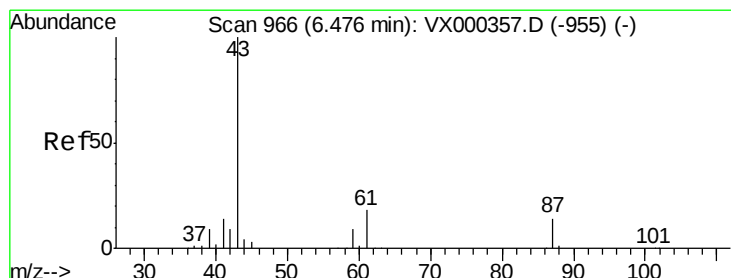
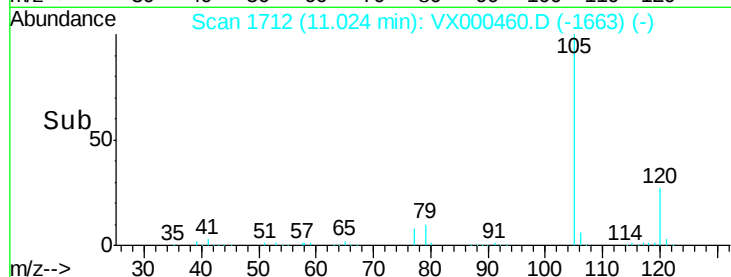
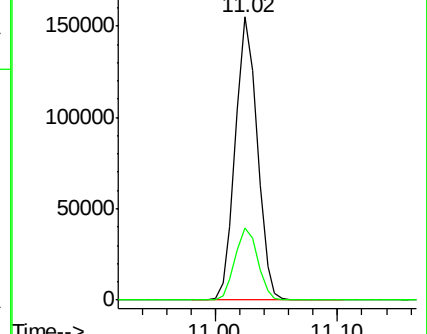
105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.59 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.02 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion: 43 Resp: 96459

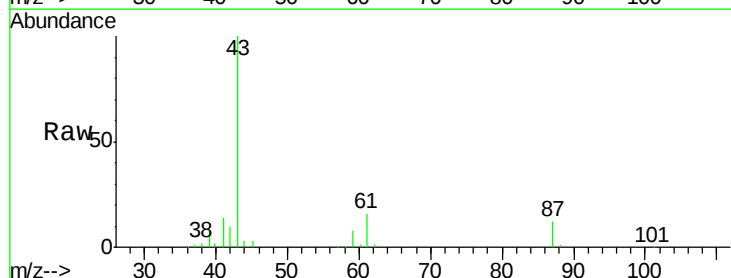
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.6 14.4 21.6

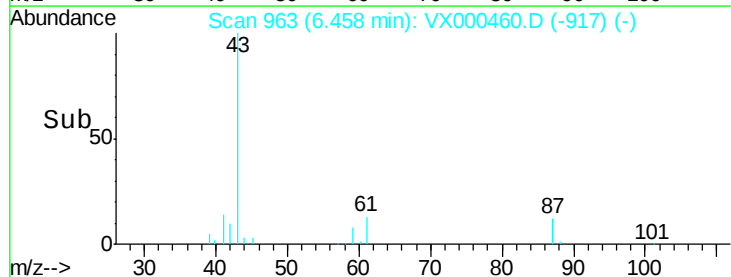
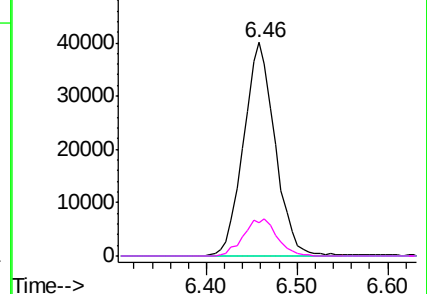


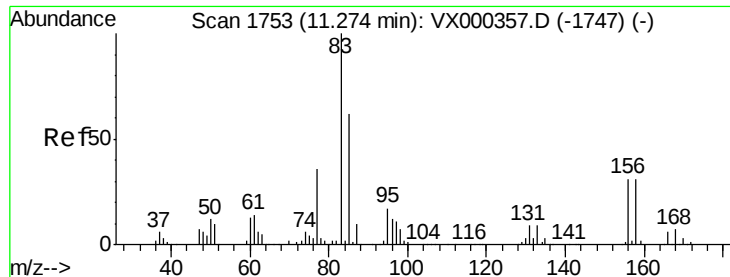
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.16 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampled :

VX0327WBSD01

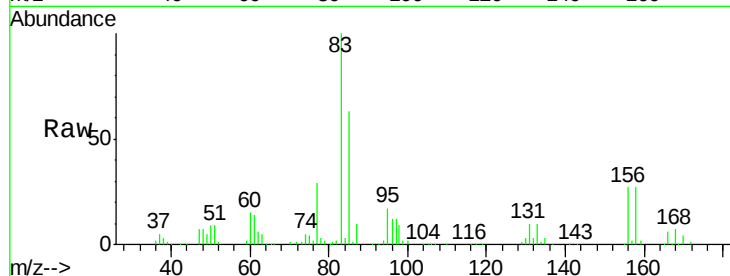
Tgt Ion: 83 Resp: 67871

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

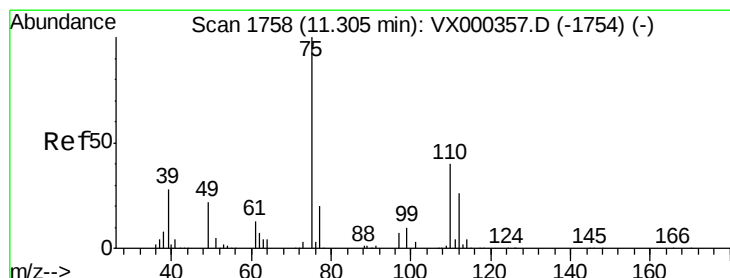
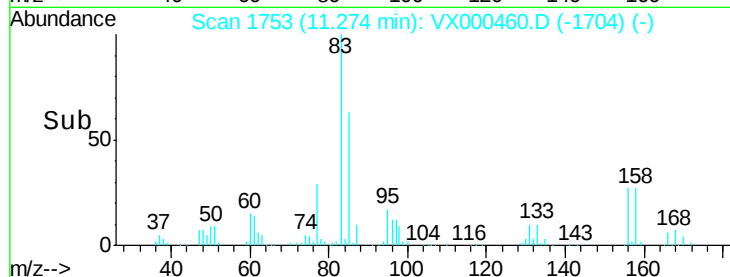
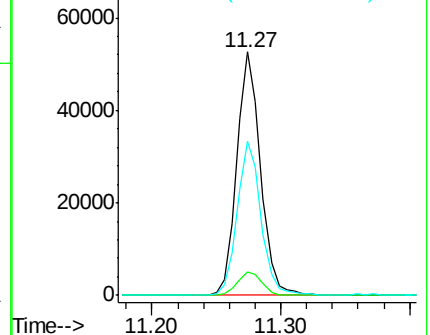
85 63.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.32 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000460.D

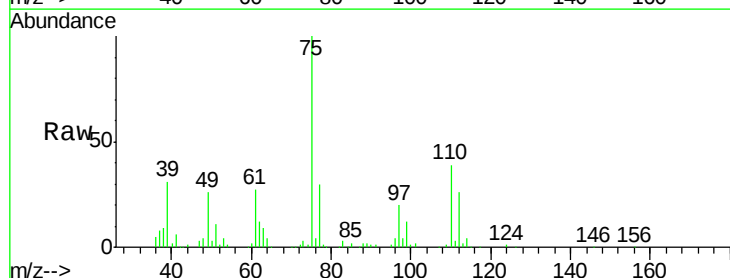
Acq: 27 Mar 2018 16:06

Tgt Ion: 75 Resp: 77434

Ion Ratio Lower Upper

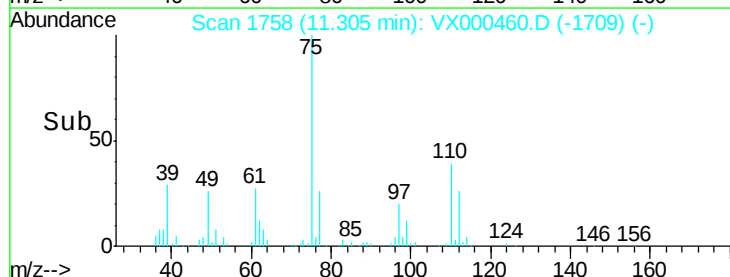
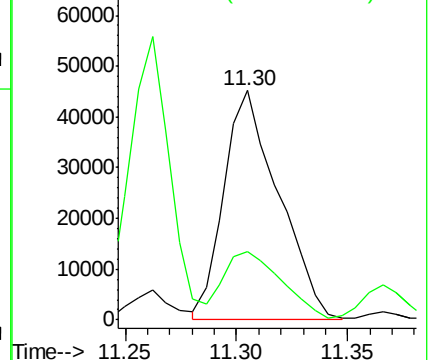
75 100

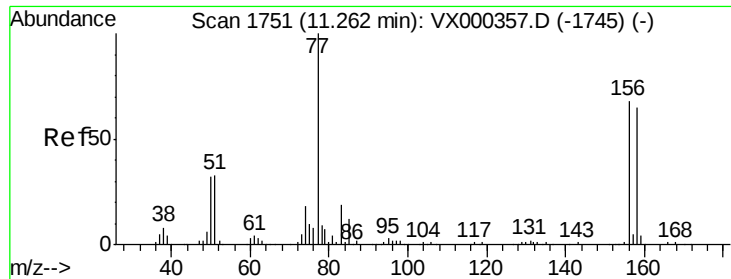
77 31.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.25 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampled :

VX0327WBSD01

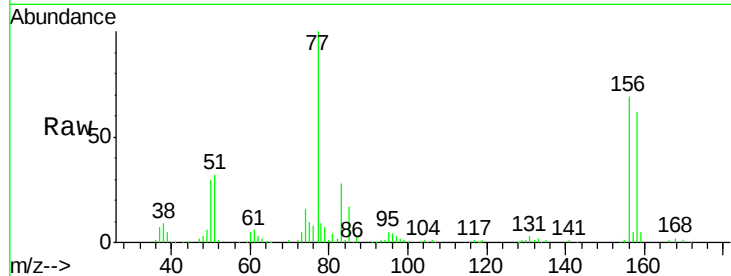
Tgt Ion:156 Resp: 48915

Ion Ratio Lower Upper

156 100

77 144.9 73.4 220.2

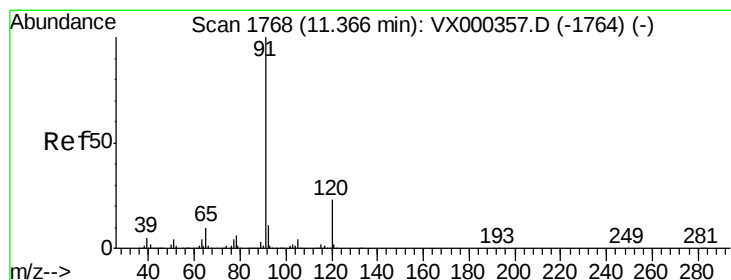
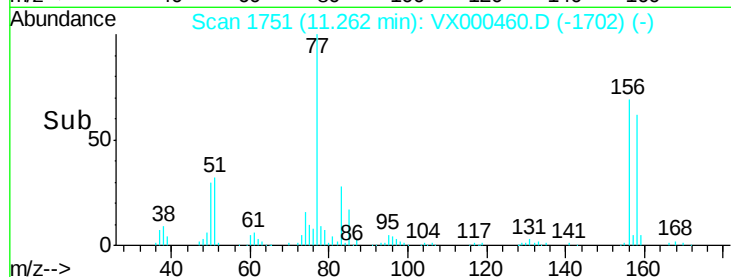
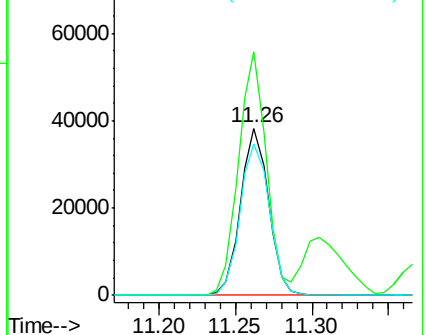
158 94.2 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.81 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000460.D

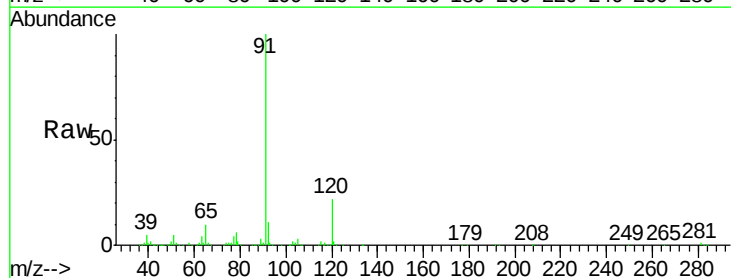
Acq: 27 Mar 2018 16:06

Tgt Ion: 91 Resp: 225101

Ion Ratio Lower Upper

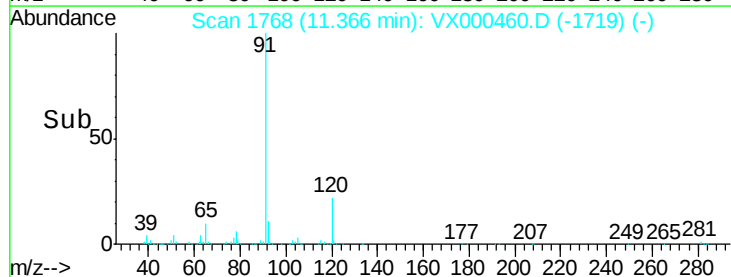
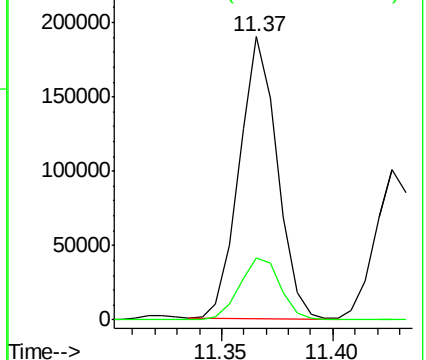
91 100

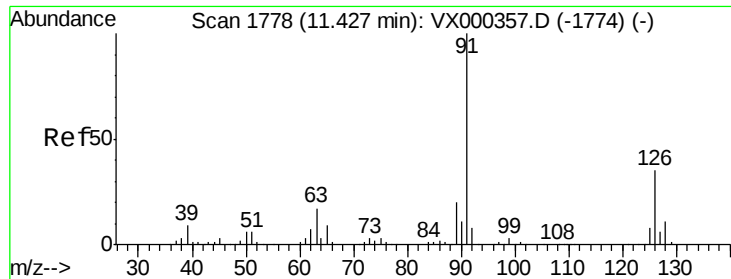
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

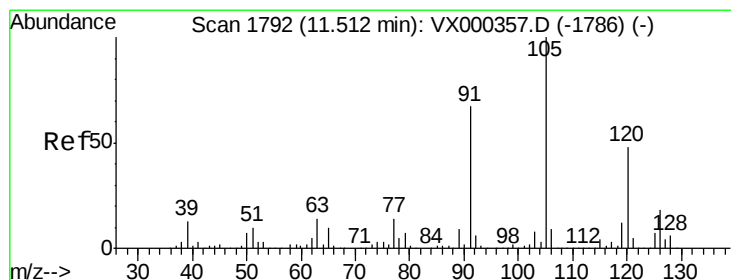
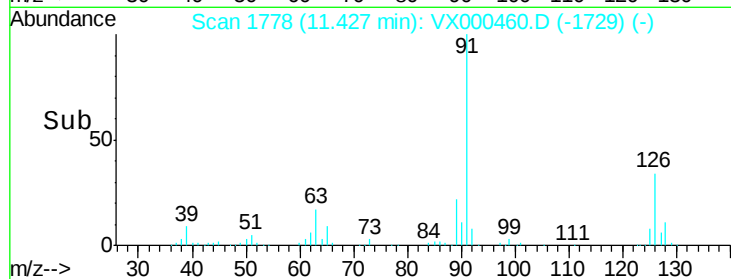
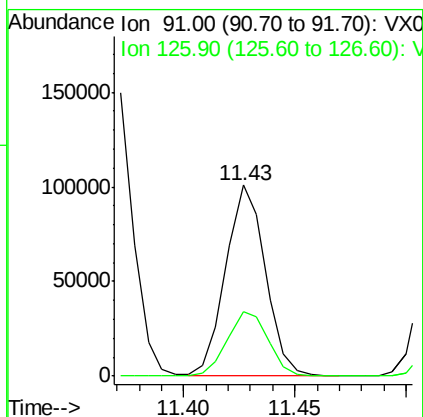
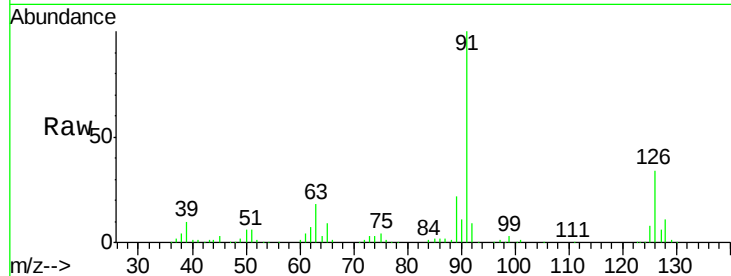




#79
 2-Chlorotoluene
 Concen: 19.99 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

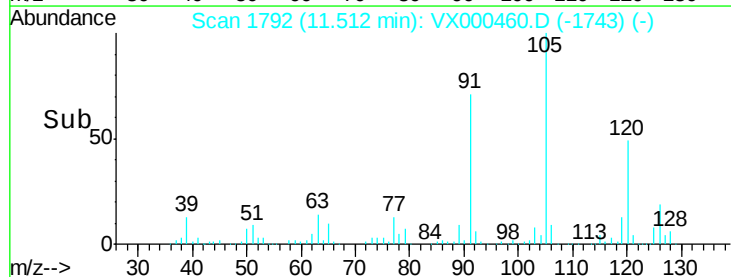
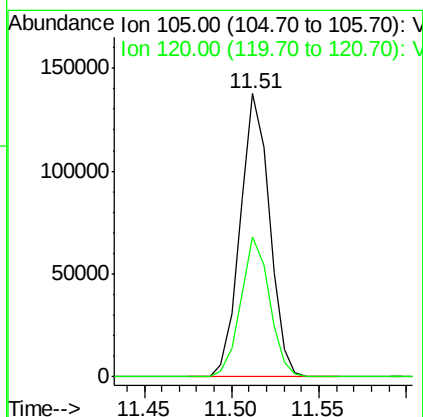
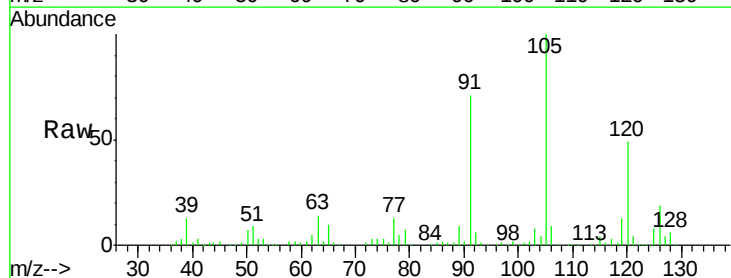
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

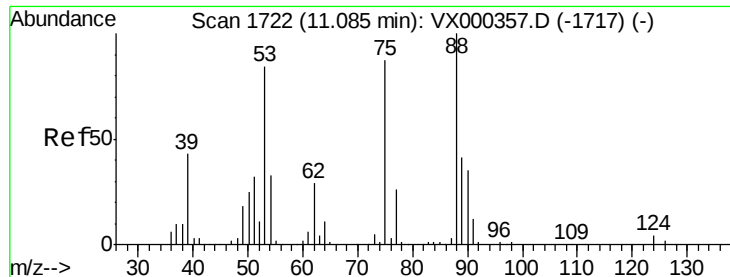
Tgt Ion: 91 Resp: 124868
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.08 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion: 105 Resp: 160748
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.14 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

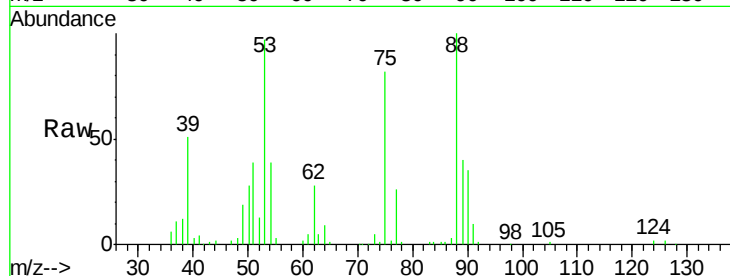
Tgt Ion: 75 Resp: 18300

Ion Ratio Lower Upper

75 100

53 108.8 80.7 121.1

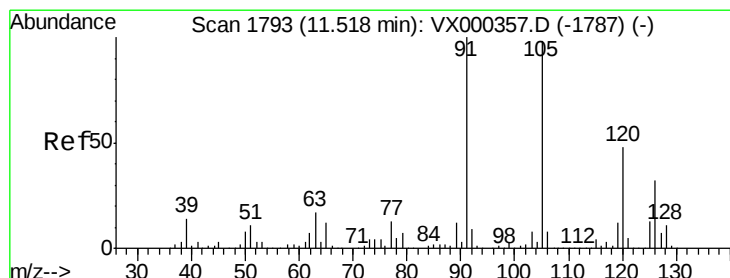
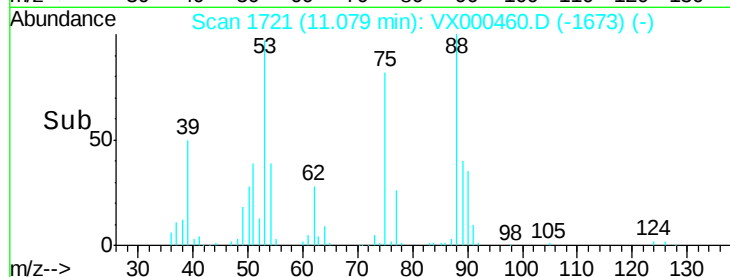
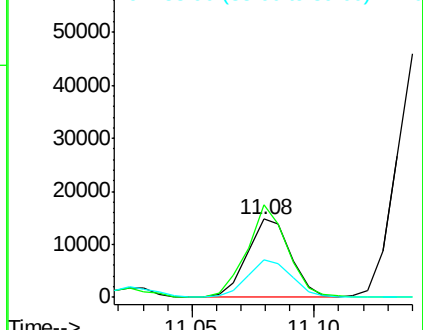
89 48.9 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.40 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000460.D

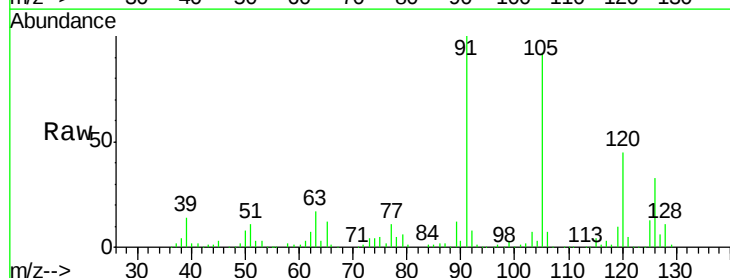
Acq: 27 Mar 2018 16:06

Tgt Ion: 91 Resp: 152138

Ion Ratio Lower Upper

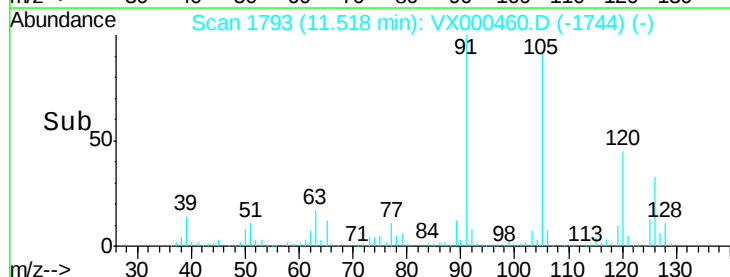
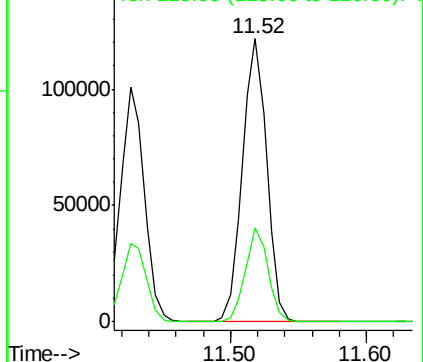
91 100

126 31.1 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

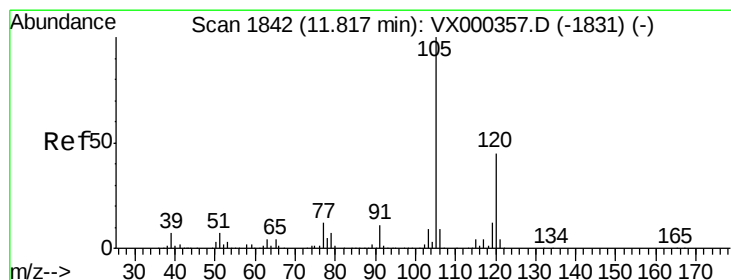
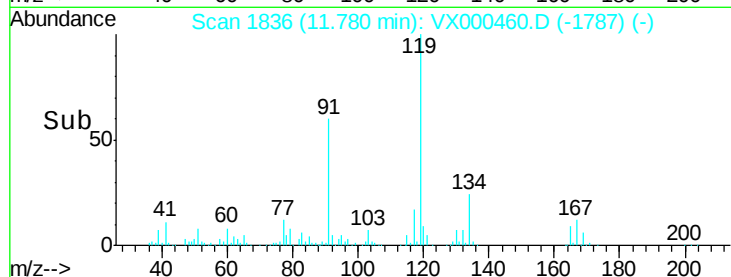
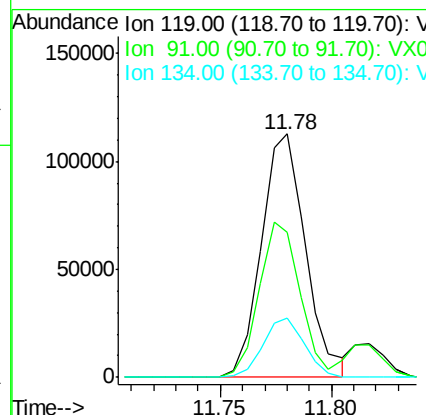
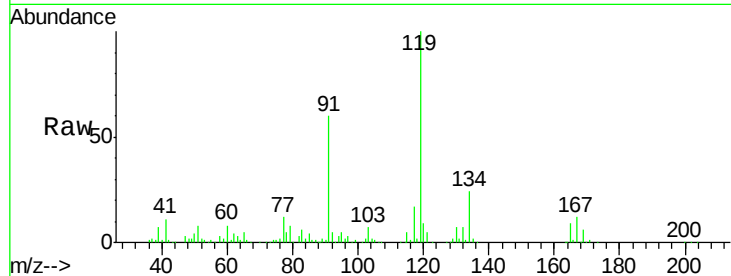




#83
 tert-Butylbenzene
 Concen: 20.18 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

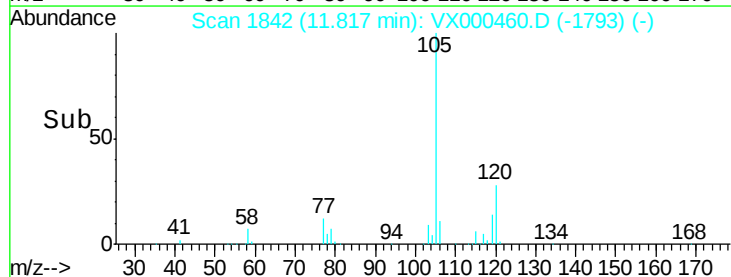
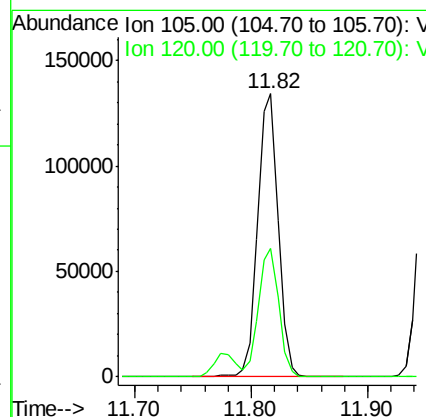
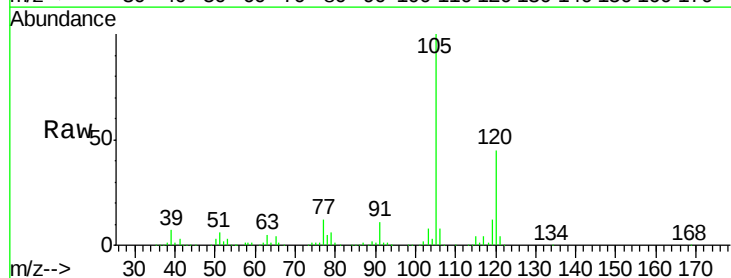
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

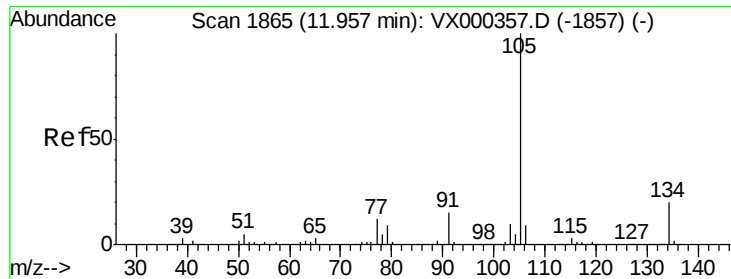
Tgt Ion:119 Resp: 155234
 Ion Ratio Lower Upper
 119 100
 91 59.3 28.8 86.4
 134 23.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.76 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion:105 Resp: 165989
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

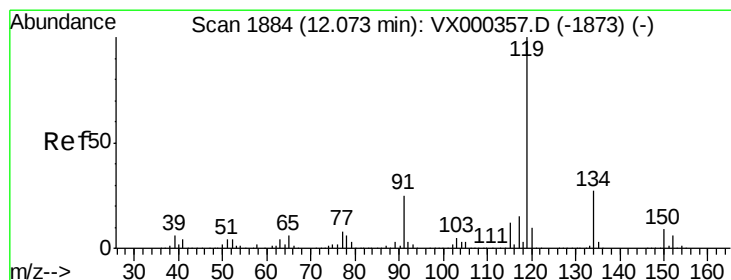
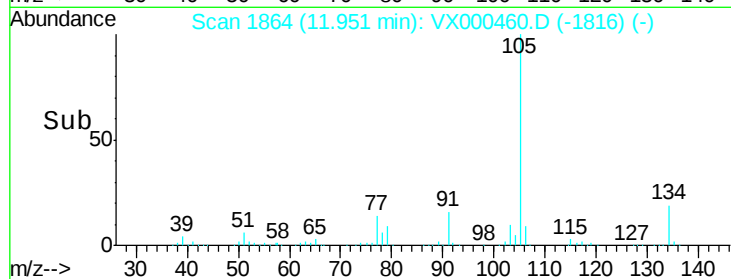
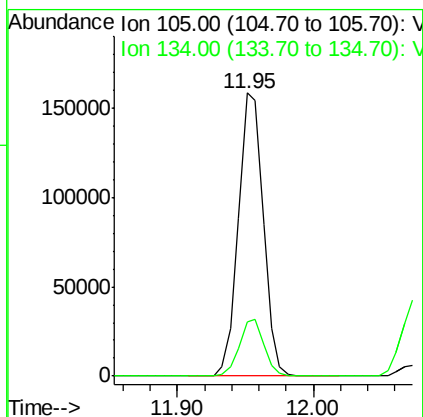
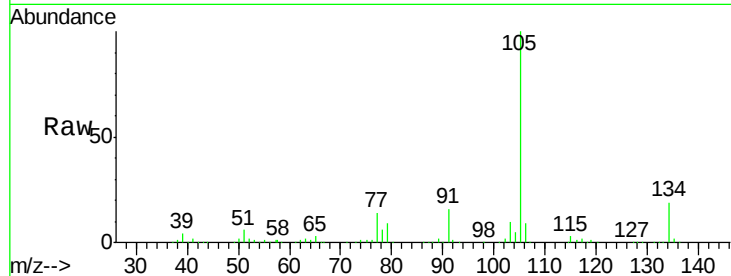




#85
 sec-Butylbenzene
 Concen: 21.20 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

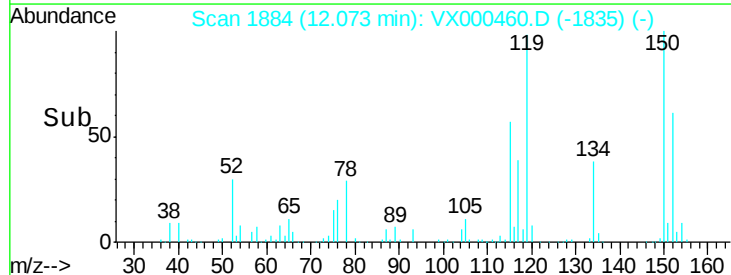
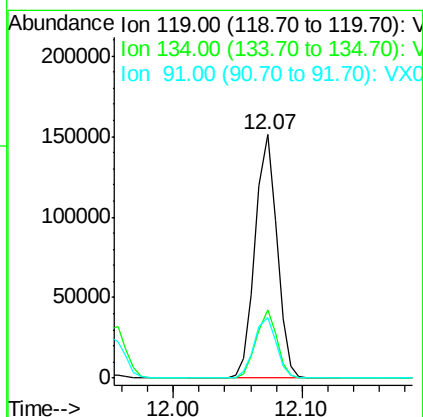
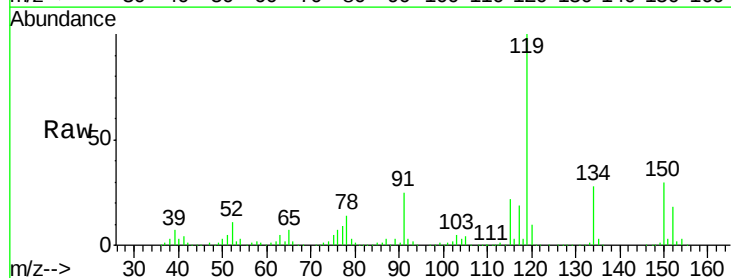
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

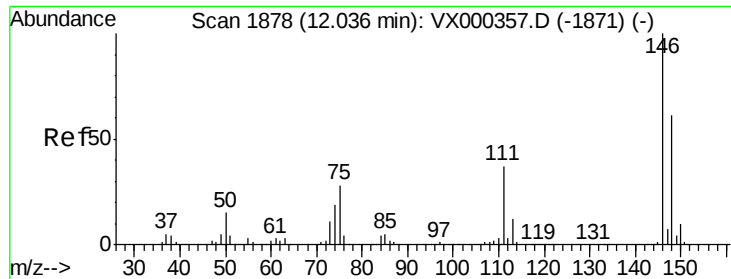
Tgt Ion:105 Resp: 201770
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.85 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion:119 Resp: 176196
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 25.5 12.0 36.1

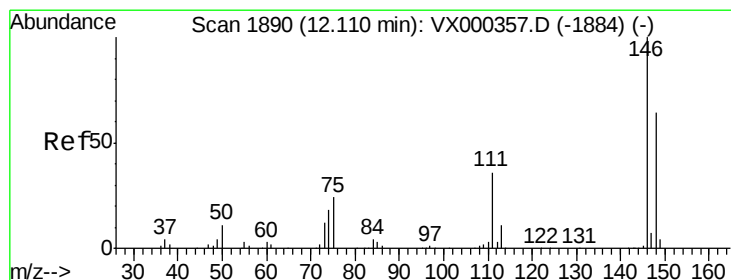
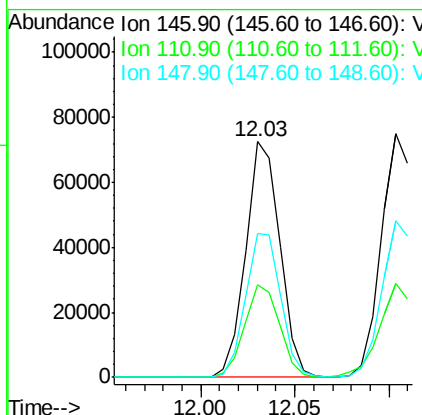
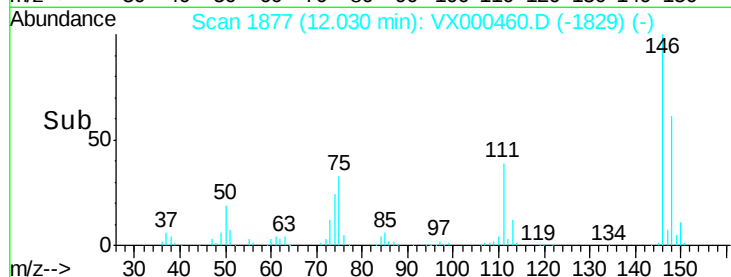
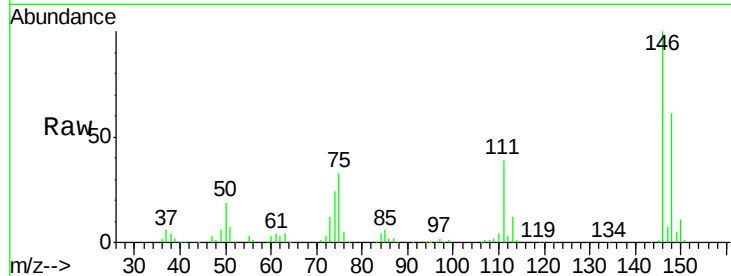




#87
 1,3-Dichlorobenzene
 Concen: 19.97 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

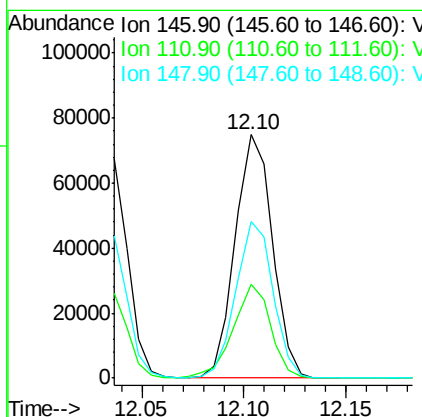
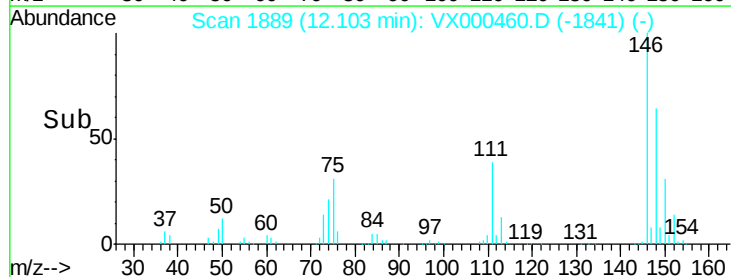
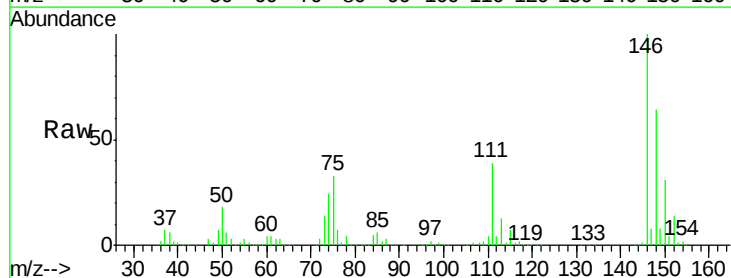
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

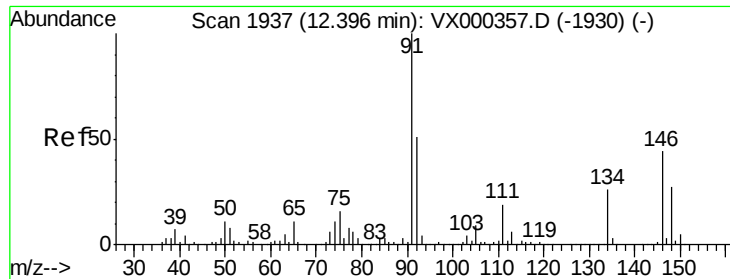
Tgt Ion:146 Resp: 91222
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.5 58.5
 148 62.6 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.81 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion:146 Resp: 95021
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.9
 148 64.5 31.0 93.0





#89

n-Butylbenzene

Concen: 21.69 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

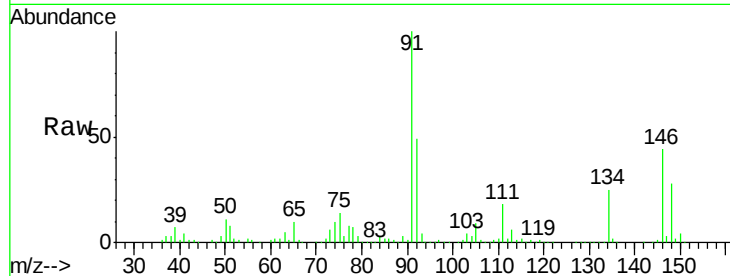
Tgt Ion: 91 Resp: 170669

Ion Ratio Lower Upper

91 100

92 50.2 25.9 77.8

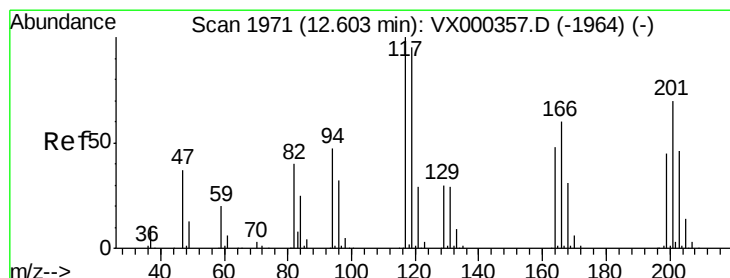
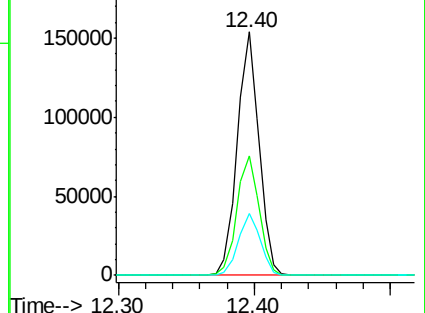
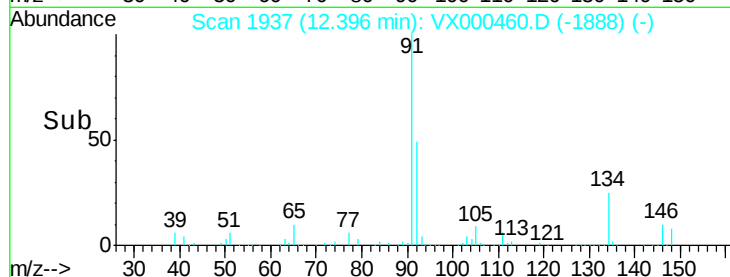
134 25.6 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.02 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000460.D

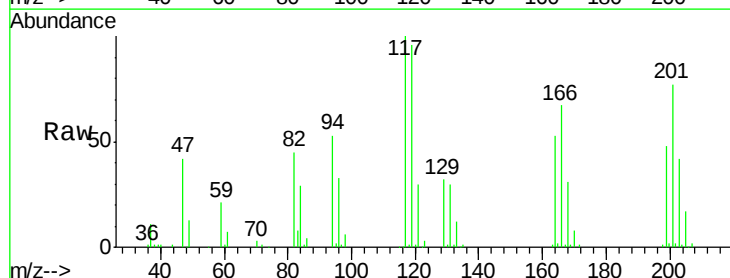
Acq: 27 Mar 2018 16:06

Tgt Ion: 117 Resp: 27960

Ion Ratio Lower Upper

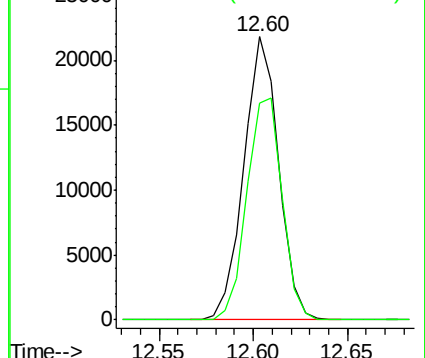
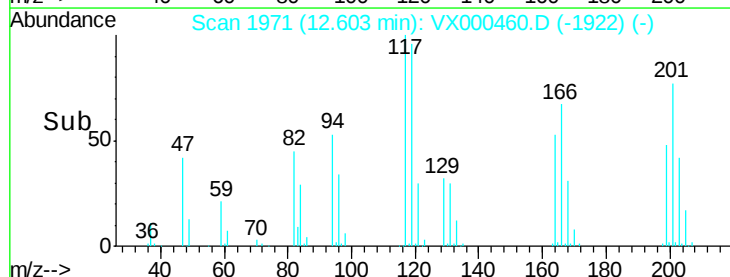
117 100

201 79.4 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.01 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

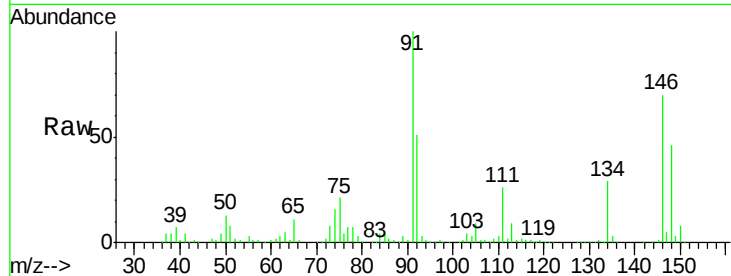
Tgt Ion:146 Resp: 89599

Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.2

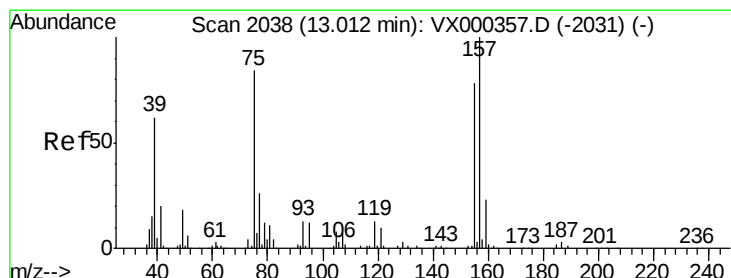
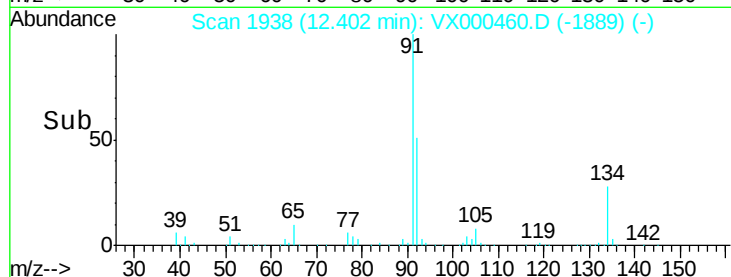
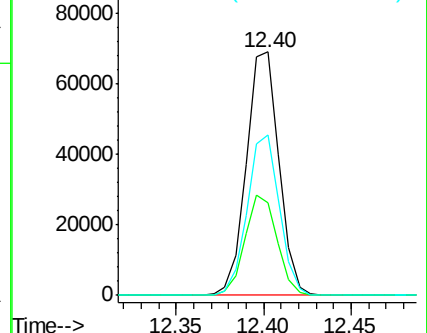
148 64.9 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.81 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

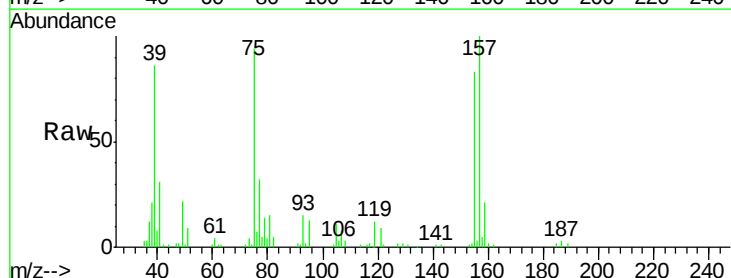
Tgt Ion: 75 Resp: 17726

Ion Ratio Lower Upper

75 100

155 87.9 45.0 134.8

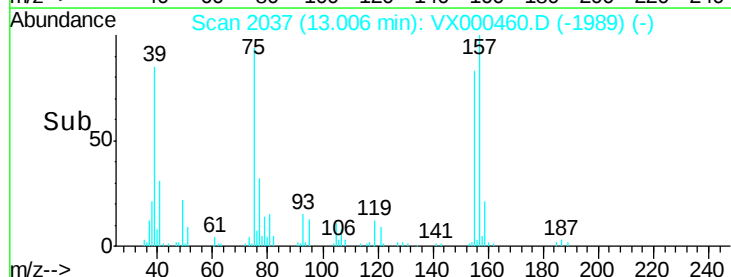
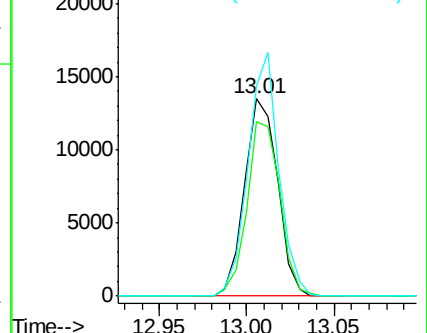
157 114.1 58.1 174.2

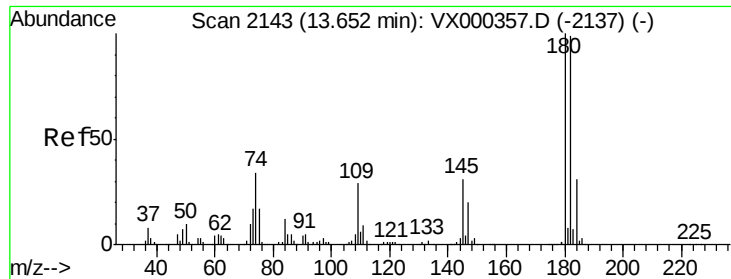


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

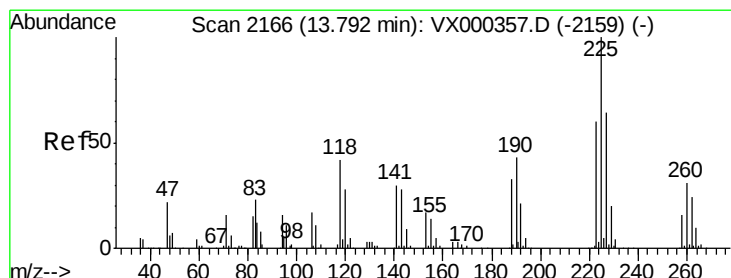
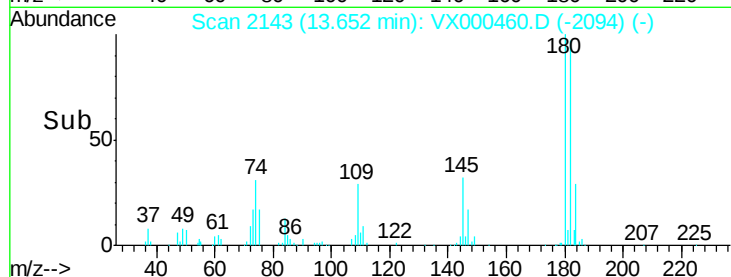
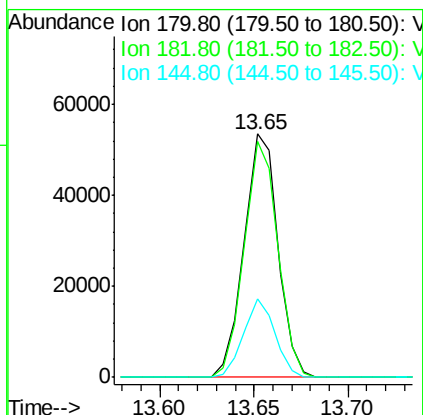
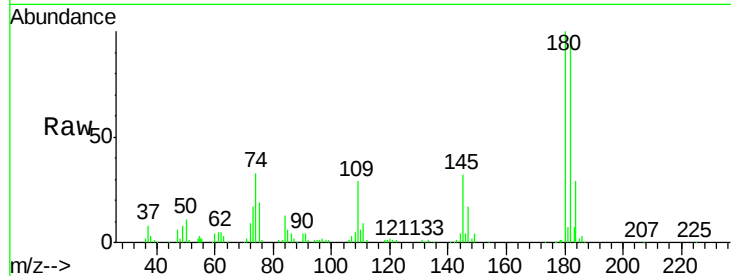




#93
 1,2,4-Trichlorobenzene
 Concen: 20.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

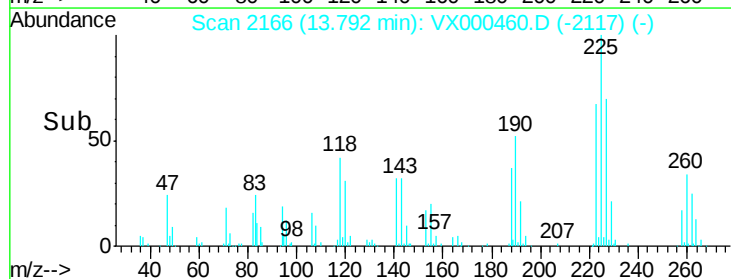
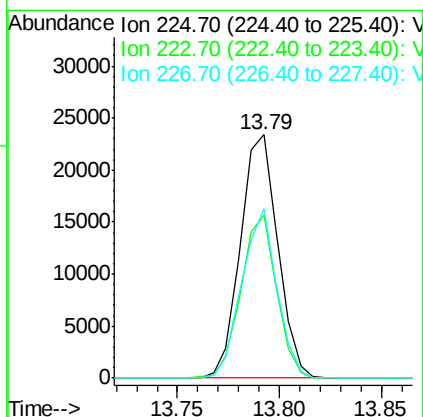
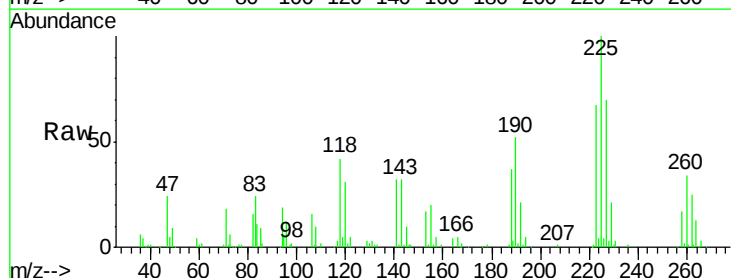
Instrument :
 MSVOA_X
 ClientSampled :
 VX0327WBSD01

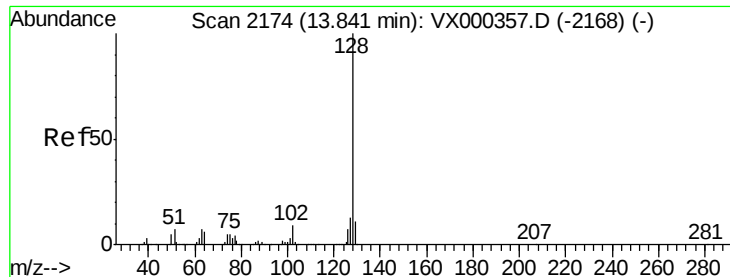
Tgt Ion:180 Resp: 67028
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 30.0 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 22.35 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion:225 Resp: 29707
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.0 96.0
 227 65.2 32.6 98.0





#95

Naphthalene

Concen: 20.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

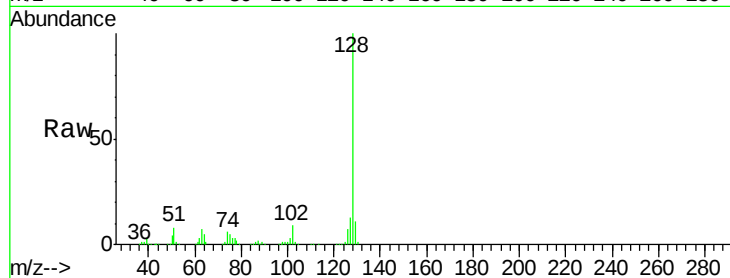
Tgt Ion:128 Resp: 229595

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

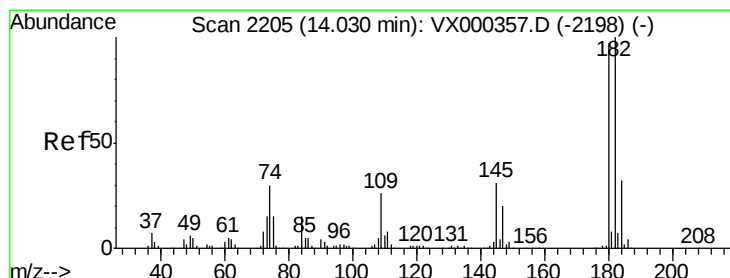
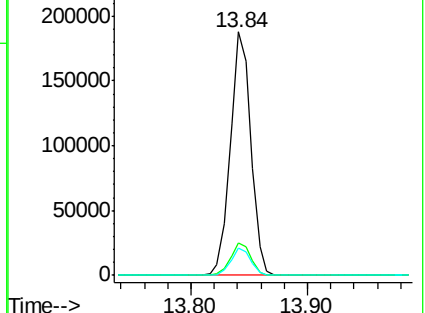
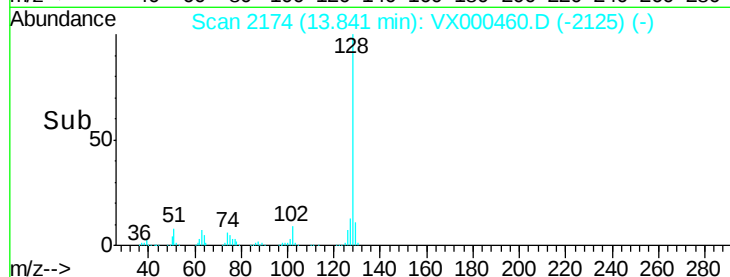
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.68 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

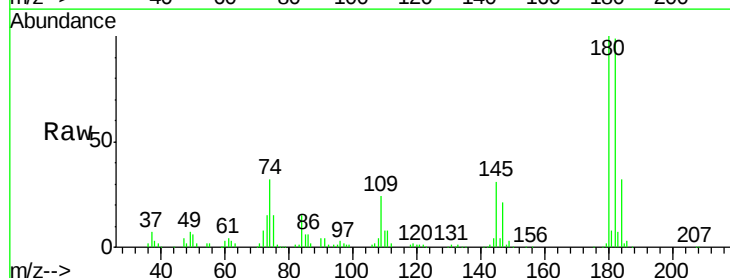
Tgt Ion:180 Resp: 65619

Ion Ratio Lower Upper

180 100

182 99.1 47.4 142.3

145 31.7 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

