

Data File : VX000430.D

Acq On : 23 Mar 2018 15:57

Operator : JC/MD

Sample : VX0323WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

Quant Time: Mar 24 05:55:30 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	131146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	206268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	87469	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	5.51	113	68005	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
50) Toluene-d8	8.73	98	266959	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.15	95	97699	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27096	18.75	ug/l	97
3) Chloromethane	1.32	50	28597	18.78	ug/l	97
4) Vinyl Chloride	1.40	62	34851	21.66	ug/l	99
5) Bromomethane	1.64	94	23885	12.43	ug/l	98
6) Chloroethane	1.73	64	22140	24.26	ug/l	99
7) Trichlorofluoromethane	1.93	101	61427	21.15	ug/l	99
8) Diethyl Ether	2.19	74	21820	21.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35403	21.86	ug/l	96
10) Methyl Iodide	2.51	142	14983	12.82	ug/l	97
11) Tert butyl alcohol	3.07	59	63410	107.68	ug/l	99
12) 1,1-Dichloroethene	2.38	96	29654	20.86	ug/l	98
13) Acrolein	2.29	56	15685	93.14	ug/l	98
14) Allyl chloride	2.73	41	54746	21.75	ug/l	98
15) Acrylonitrile	3.15	53	123977	103.95	ug/l	99
16) Acetone	2.45	43	155641	109.29	ug/l	99
17) Carbon Disulfide	2.57	76	74878	19.81	ug/l	98
18) Methyl Acetate	2.78	43	66784	22.37	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	108553	20.65	ug/l	100
20) Methylene Chloride	2.86	84	36874	22.42	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	32310	20.38	ug/l	93
22) Diisopropyl ether	3.88	45	106017	23.86	ug/l	97
23) Vinyl Acetate	3.83	43	502044	119.18	ug/l	98
24) 1,1-Dichloroethane	3.70	63	62512	22.37	ug/l	98
25) 2-Butanone	4.71	43	163994	102.45	ug/l	97
26) 2,2-Dichloropropane	4.59	77	40227	20.54	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	31276	21.10	ug/l	96
28) Bromochloromethane	5.03	49	22093	19.18	ug/l	98
29) Tetrahydrofuran	5.18	42	97543	99.04	ug/l	99
30) Chloroform	5.22	83	54576	20.84	ug/l	95
31) Cyclohexane	5.58	56	42747	19.79	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47885	20.27	ug/l	99
36) 1,1-Dichloropropene	5.81	75	39814	21.09	ug/l	99
37) Ethyl Acetate	4.87	43	52386	20.31	ug/l	99
38) Carbon Tetrachloride	5.79	117	41103	20.75	ug/l	99

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Operator : JC/MD

Sample : VX0323WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

Quant Time: Mar 24 05:55:30 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	47789	20.81	ug/l	98
40) Benzene	6.15	78	117853	21.50	ug/l	97
41) Methacrylonitrile	5.07	41	27396	20.15	ug/l	97
42) 1,2-Dichloroethane	6.20	62	47941	22.29	ug/l	99
43) Isopropyl Acetate	6.48	43	79114	20.61	ug/l	99
44) Trichloroethene	7.22	130	33377	21.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	31040	22.12	ug/l	96
46) Dibromomethane	7.66	93	23373	21.22	ug/l	97
47) Bromodichloromethane	7.91	83	42196	21.77	ug/l	99
48) Methyl methacrylate	7.79	41	38627	20.73	ug/l	98
49) 1,4-Dioxane	7.77	88	16959	432.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	310967	104.66	ug/l	99
52) Toluene	8.79	92	79314	20.69	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	46248	20.59	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	45127	20.72	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	32960	20.91	ug/l	97
56) Ethyl methacrylate	9.19	69	49009	20.52	ug/l	97
57) 1,3-Dichloropropane	9.38	76	55317	21.94	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	112941	98.53	ug/l	98
59) 2-Hexanone	9.51	43	268957	106.61	ug/l	98
60) Dibromochloromethane	9.59	129	34426	21.05	ug/l	99
61) 1,2-Dibromoethane	9.68	107	34399	20.35	ug/l	100
64) Tetrachloroethene	9.34	164	32214	20.13	ug/l	99
65) Chlorobenzene	10.15	112	93779	20.43	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	32956	21.14	ug/l	97
67) Ethyl Benzene	10.26	91	161725	20.78	ug/l	98
68) m/p-Xylenes	10.37	106	124880	40.78	ug/l	99
69) o-Xylene	10.71	106	59730	20.15	ug/l	97
70) Styrene	10.72	104	100194	20.42	ug/l	99
71) Bromoform	10.87	173	26725	19.65	ug/l #	97
73) Isopropylbenzene	11.02	105	165652	21.98	ug/l	99
74) N-amyl acetate	6.48	43	79114	22.26	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	60033	22.52	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	67751	27.72	ug/l	83
77) Bromobenzene	11.26	156	42263	21.05	ug/l	97
78) n-propylbenzene	11.37	91	195652	21.78	ug/l	99
79) 2-Chlorotoluene	11.43	91	110468	21.28	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	140442	22.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15665	20.75	ug/l	94
82) 4-Chlorotoluene	11.52	91	131819	21.27	ug/l	99
83) tert-Butylbenzene	11.78	119	138161	21.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	143897	21.66	ug/l	98
85) sec-Butylbenzene	11.96	105	175981	22.26	ug/l	100
86) p-Isopropyltoluene	12.07	119	153191	21.82	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	80402	21.18	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	80381	20.17	ug/l	97
89) n-Butylbenzene	12.40	91	142839	21.85	ug/l	98
90) Hexachloroethane	12.60	117	24607	22.26	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	79718	21.42	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16136	21.71	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032318\
Quantitation Report (Not Reviewed)

Data File : VX000430.D
Acq On : 23 Mar 2018 15:57
Operator : JC/MD
Sample : VX0323WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

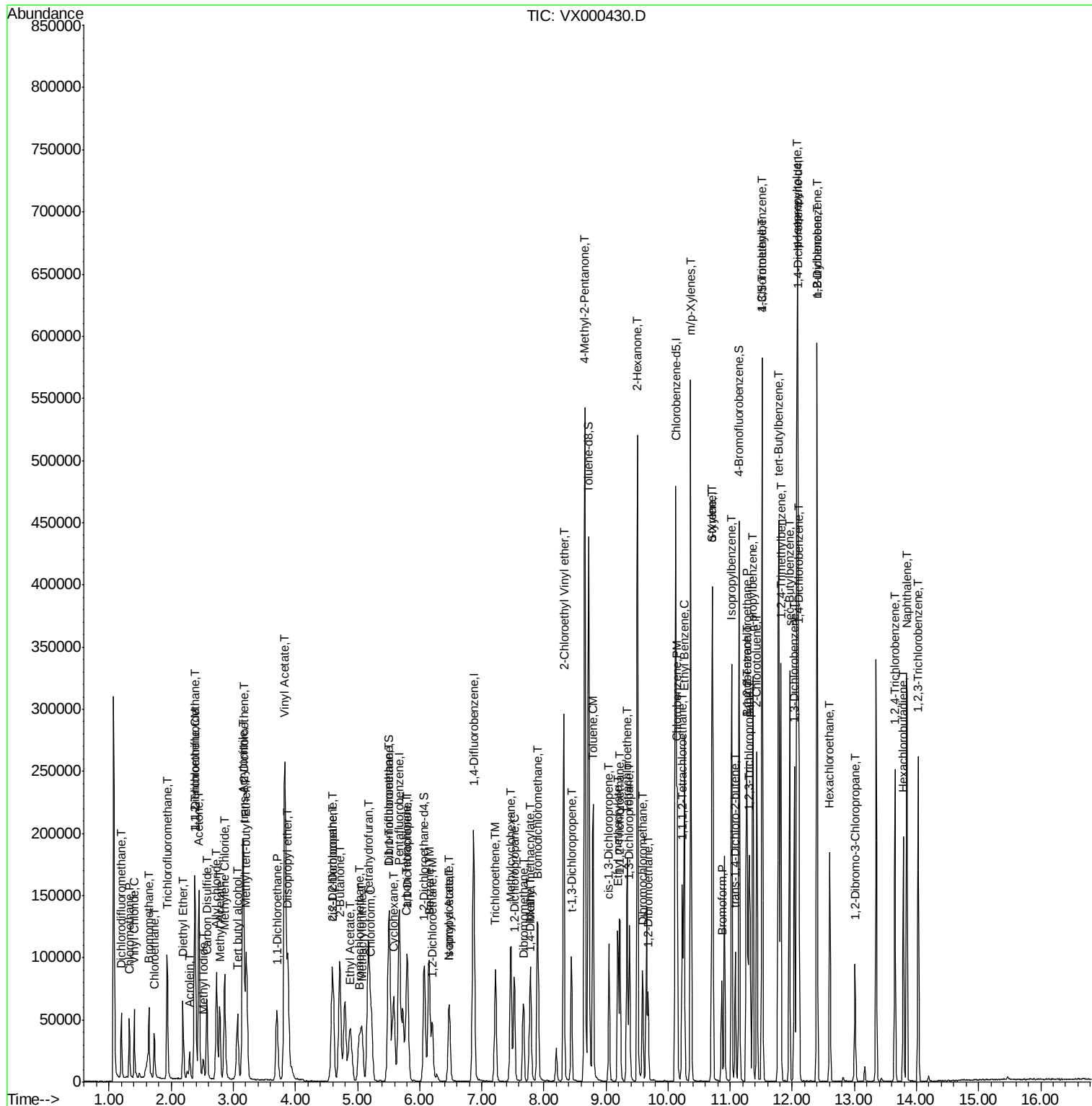
Quant Time: Mar 24 05:55:30 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

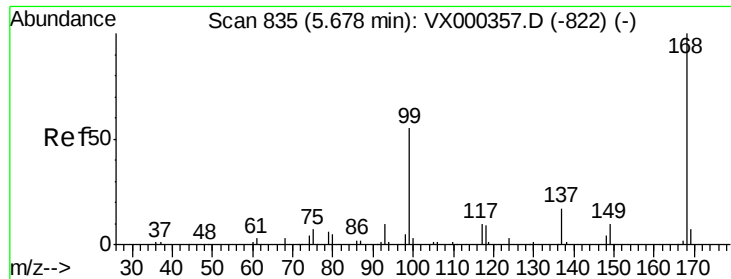
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54551	20.45	ug/l	99
94) Hexachlorobutadiene	13.79	225	25655	23.23	ug/l	98
95) Naphthalene	13.84	128	200215	21.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	58021	22.01	ug/l	99

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

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ALS Vial      : 10      Sample Multiplier: 1
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampled :

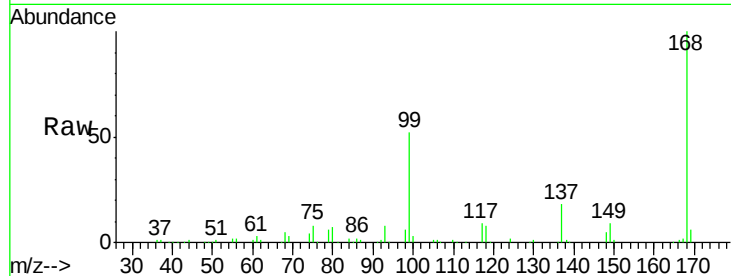
VX0323WBSD01

Tgt Ion:168 Resp: 131146

Ion Ratio Lower Upper

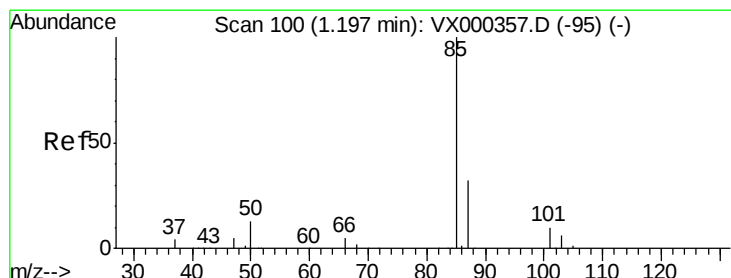
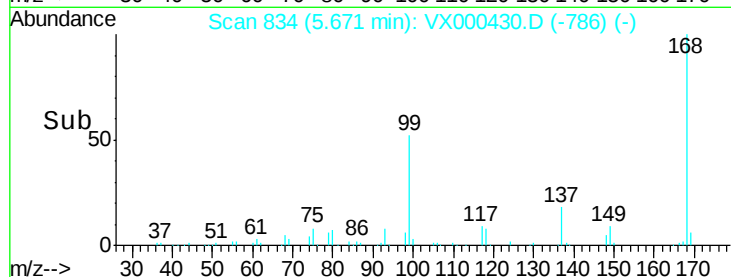
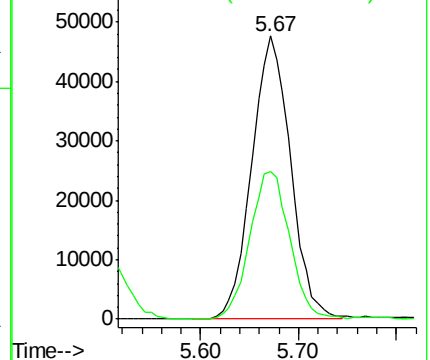
168 100

99 52.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000430.D

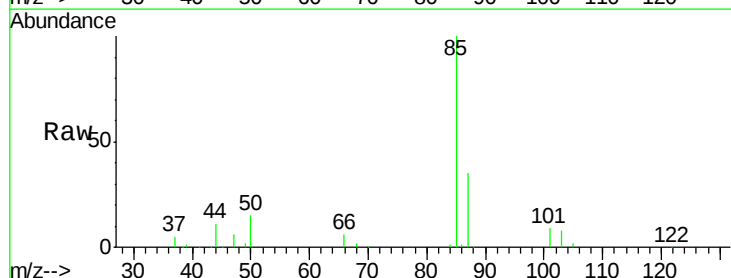
Acq: 23 Mar 2018 15:57

Tgt Ion: 85 Resp: 27096

Ion Ratio Lower Upper

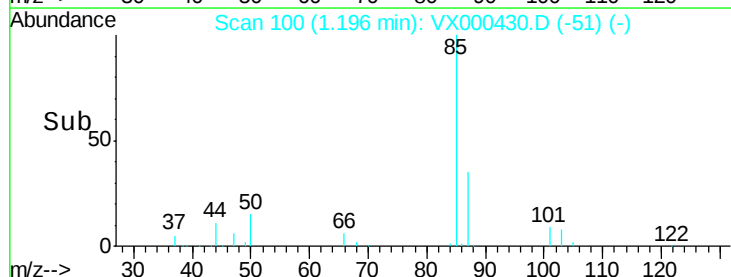
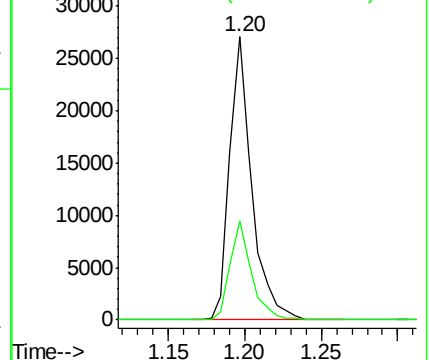
85 100

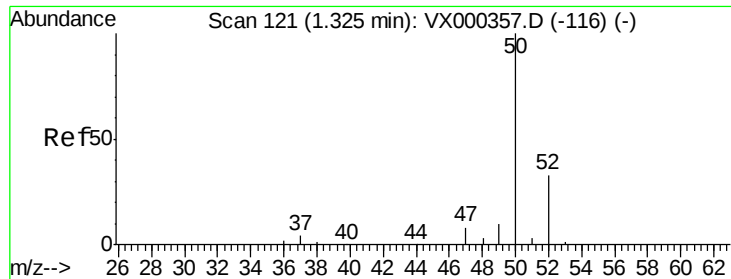
87 35.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

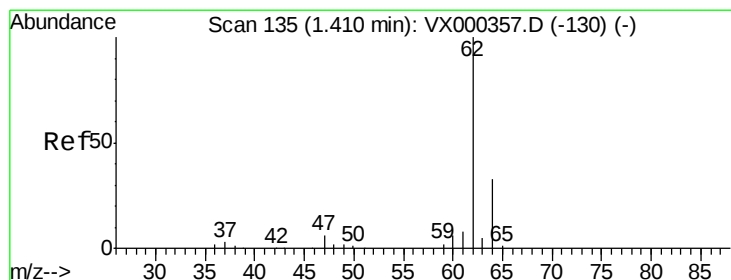
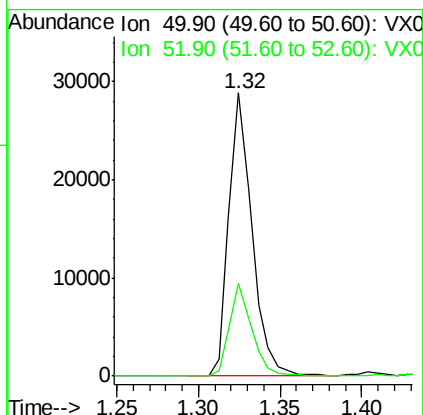
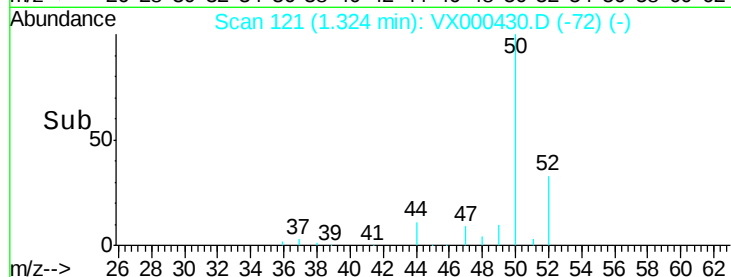
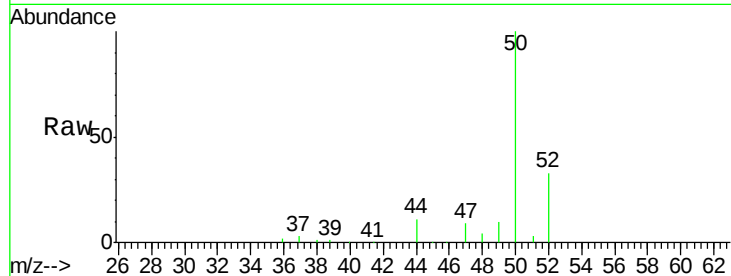




#3
Chloromethane
Concen: 18.78 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

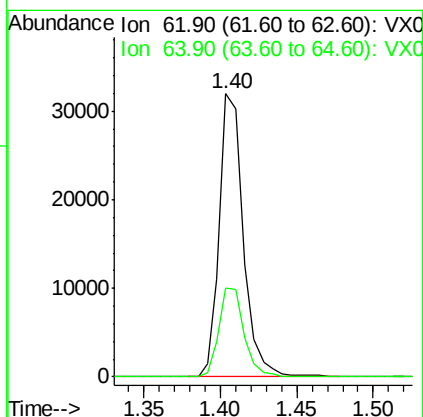
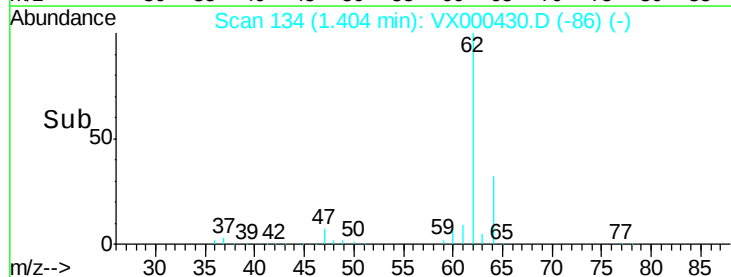
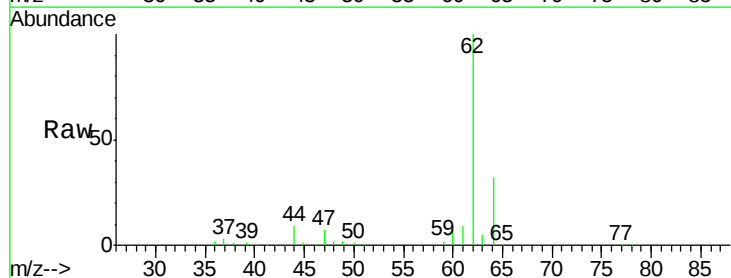
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

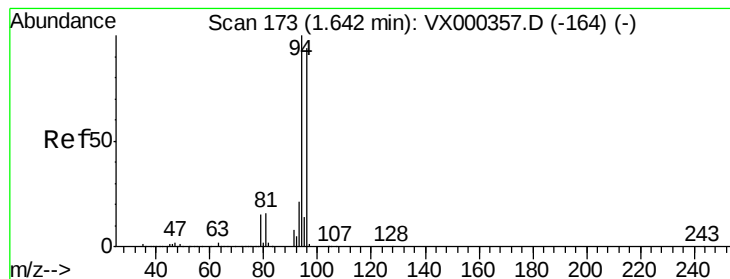
Tgt Ion: 50 Resp: 28597
Ion Ratio Lower Upper
50 100
52 32.6 27.5 41.3



#4
Vinyl Chloride
Concen: 21.66 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion: 62 Resp: 34851
Ion Ratio Lower Upper
62 100
64 31.6 24.8 37.2





#5

Bromomethane

Concen: 12.43 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

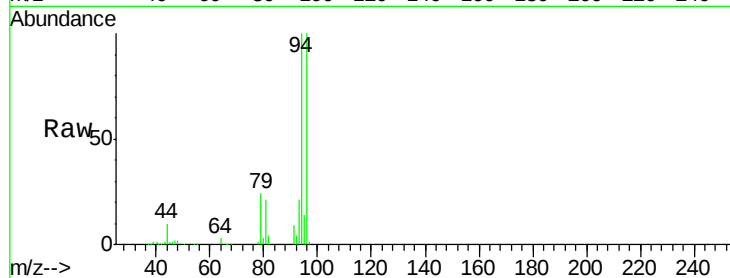
VX0323WBSD01

Tgt Ion: 94 Resp: 23885

Ion Ratio Lower Upper

94 100

96 99.4 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

20000

15000

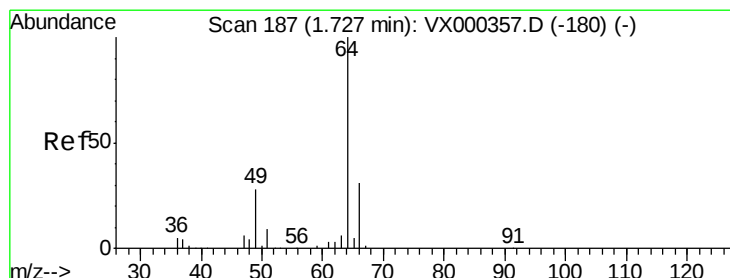
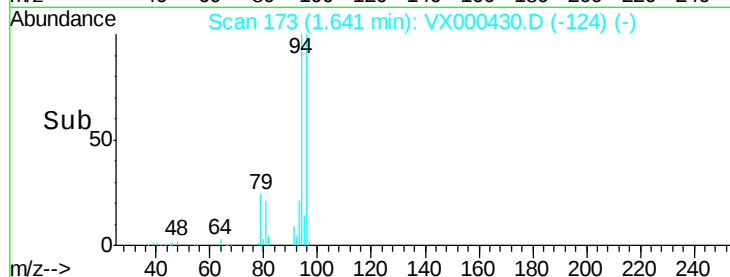
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 24.26 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000430.D

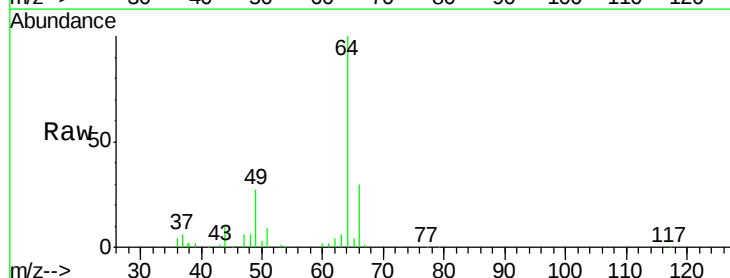
Acq: 23 Mar 2018 15:57

Tgt Ion: 64 Resp: 22140

Ion Ratio Lower Upper

64 100

66 30.5 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

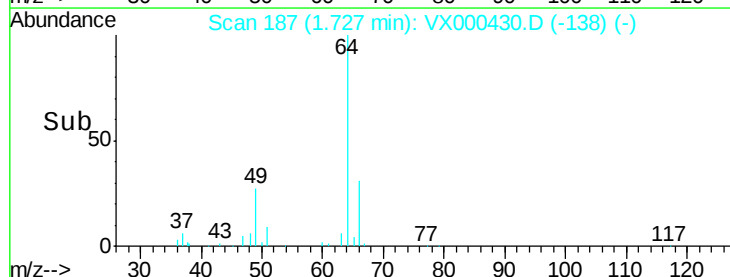
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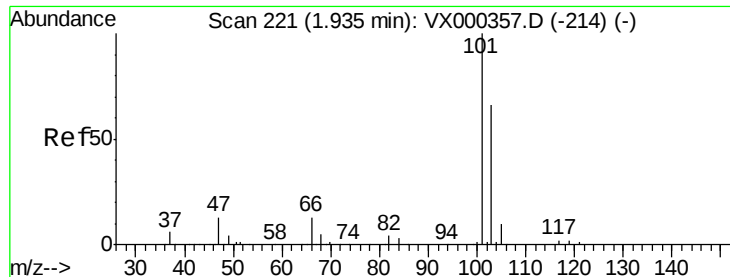
5000

0

1.65 1.70 1.75 1.80

Time-->



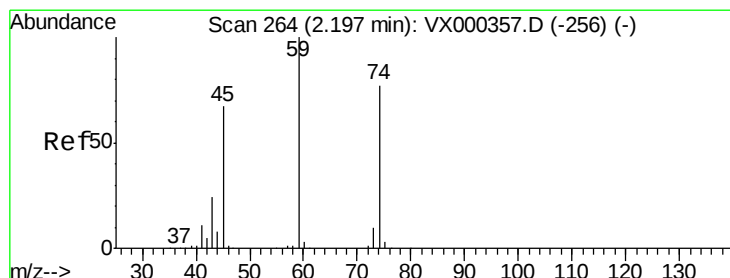
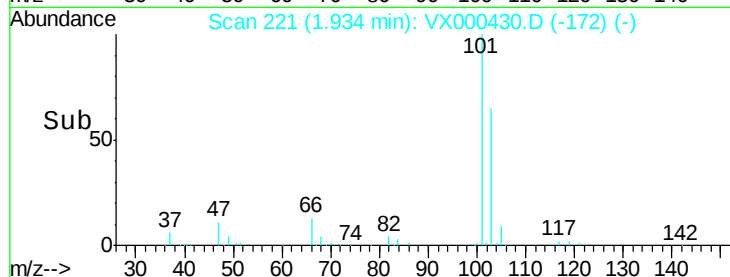
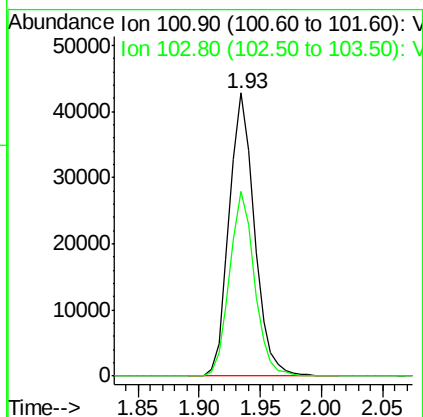
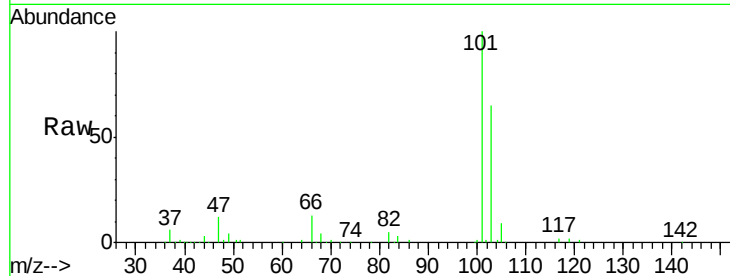


#7

Trichlorofluoromethane
 Concen: 21.15 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

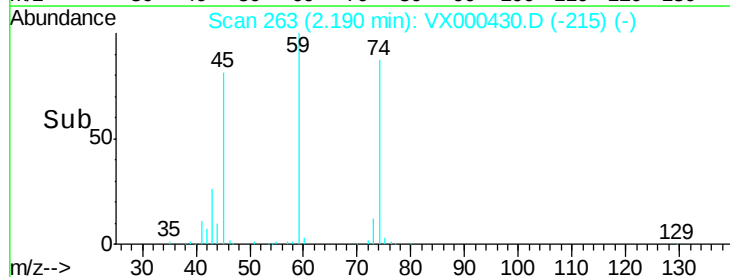
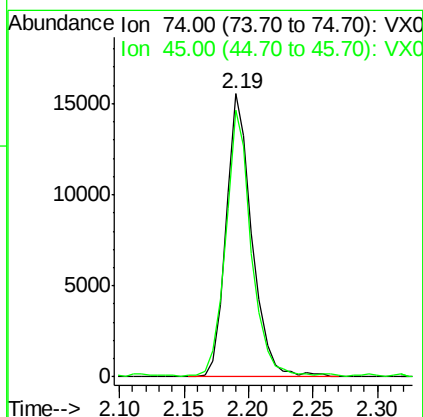
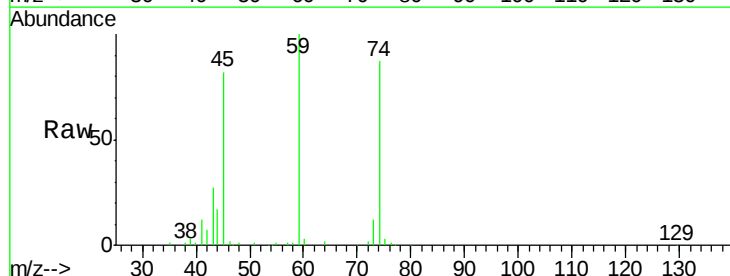
Tgt Ion:101 Resp: 61427
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.6 77.4

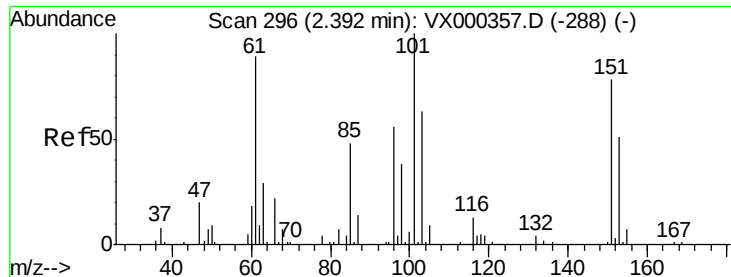


#8

Diethyl Ether
 Concen: 21.03 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Tgt Ion: 74 Resp: 21820
 Ion Ratio Lower Upper
 74 100
 45 92.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.86 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

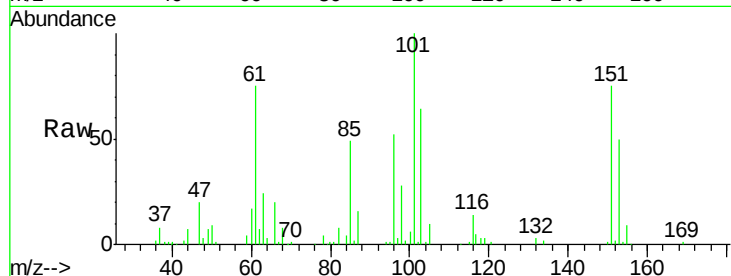
Tgt Ion:101 Resp: 35403

Ion Ratio Lower Upper

101 100

85 50.1 37.6 56.4

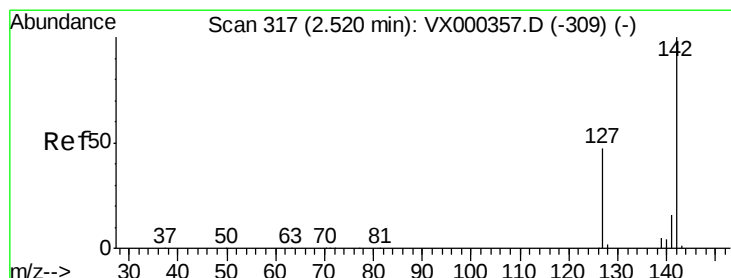
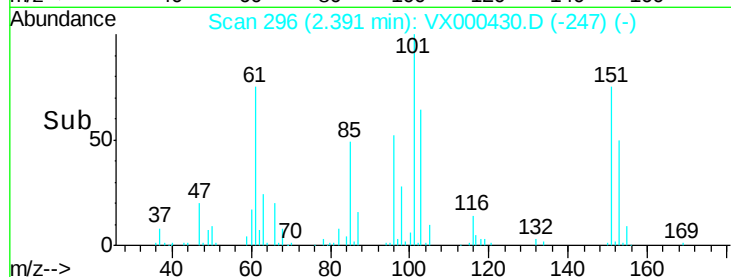
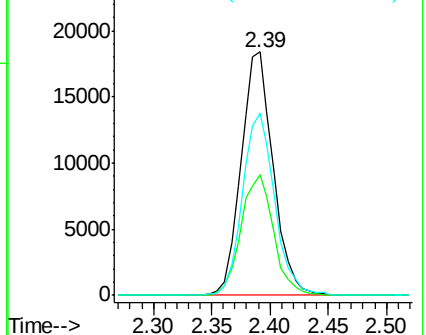
151 74.9 62.6 93.8



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: 12.82 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

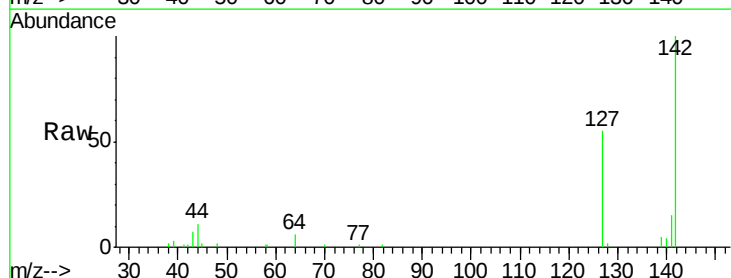
Tgt Ion:142 Resp: 14983

Ion Ratio Lower Upper

142 100

127 51.7 39.2 58.8

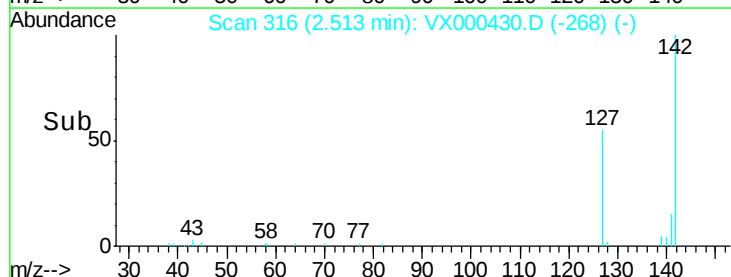
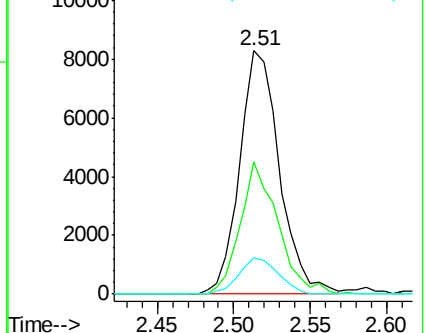
141 14.9 11.7 17.5

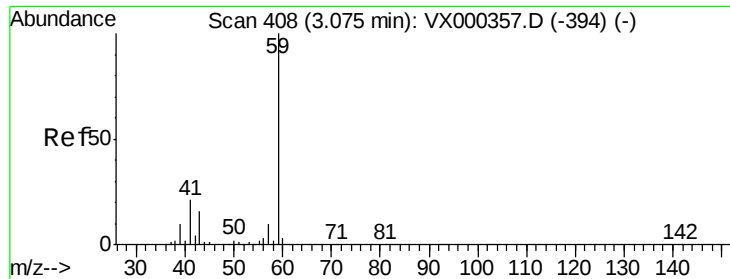


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

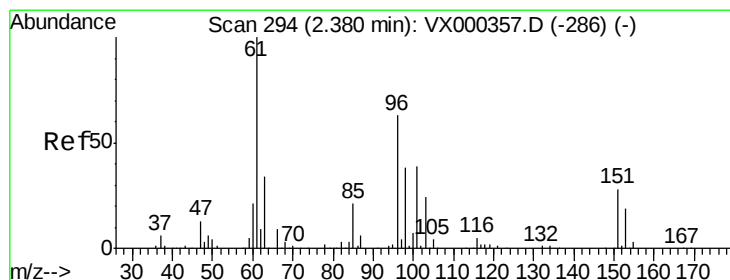
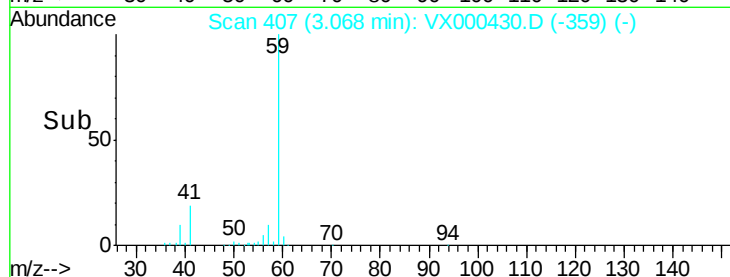
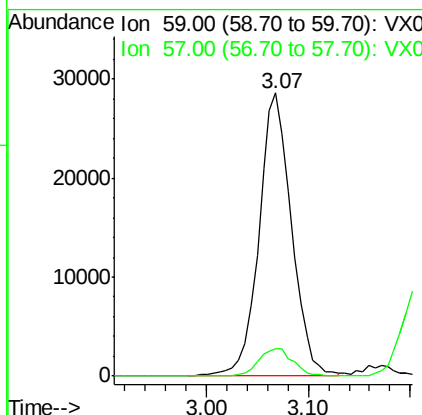
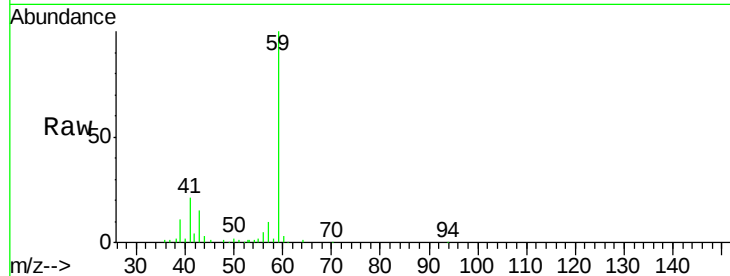




#11
Tert butyl alcohol
Concen: 107.68 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

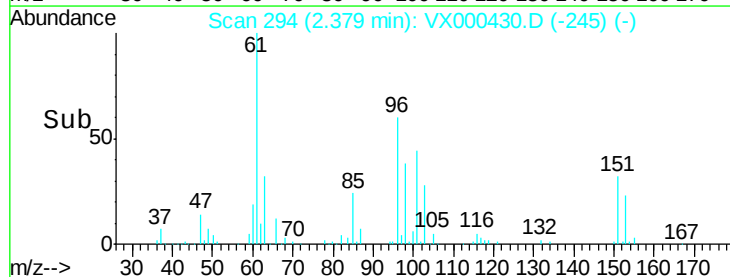
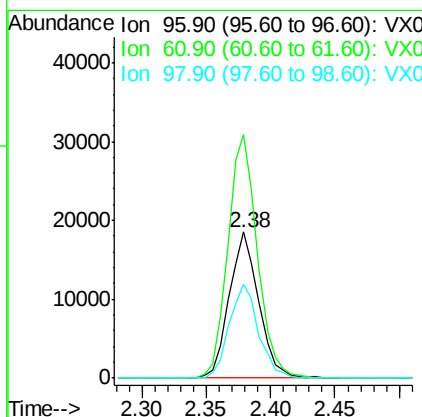
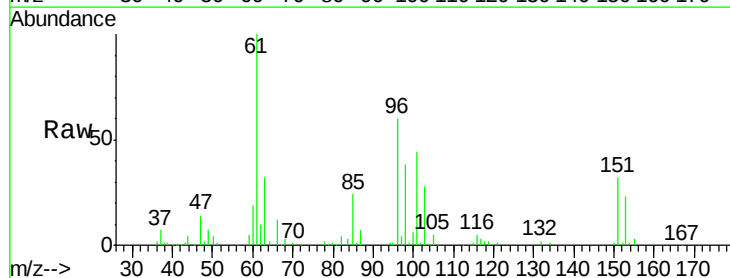
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

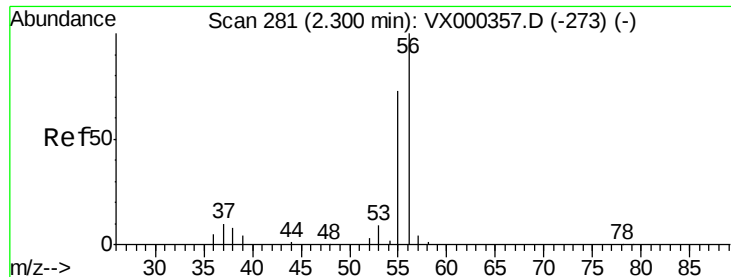
Tgt Ion: 59 Resp: 63410
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.86 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion: 96 Resp: 29654
Ion Ratio Lower Upper
96 100
61 166.8 131.2 196.8
98 64.1 49.8 74.8





#13

Acrolein

Concen: 93.14 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

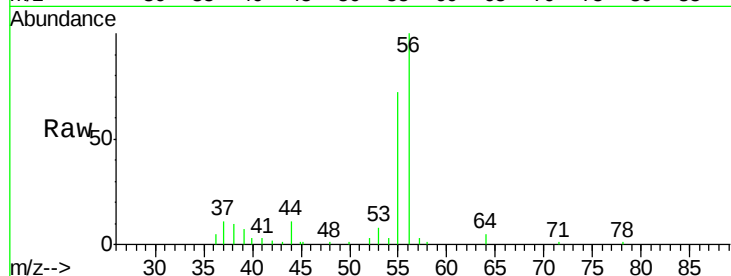
VX0323WBSD01

Tgt Ion: 56 Resp: 15685

Ion Ratio Lower Upper

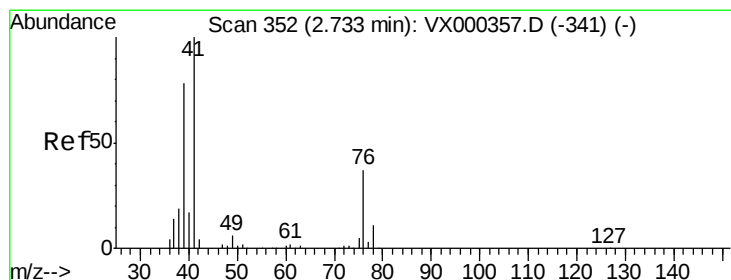
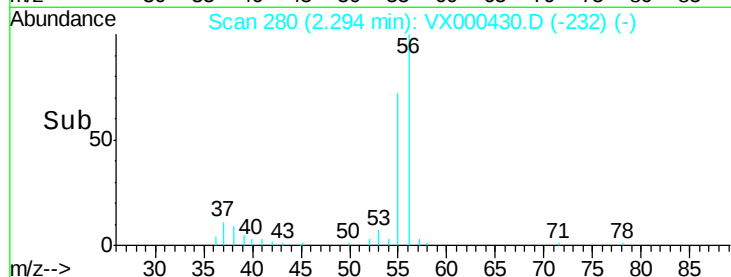
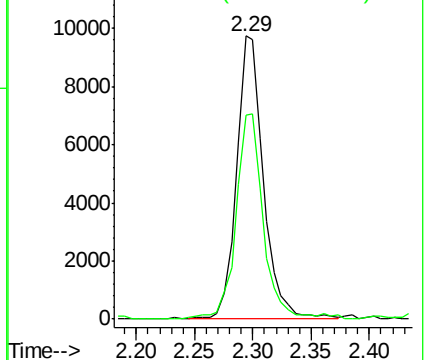
56 100

55 72.2 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.75 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

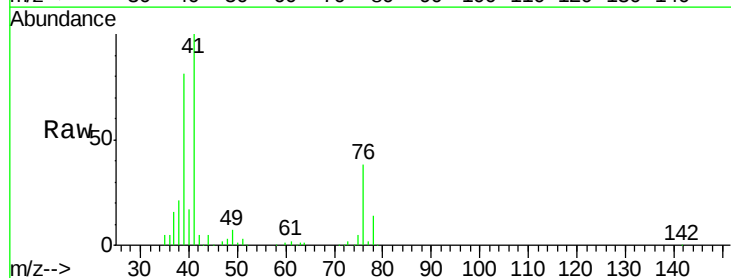
Tgt Ion: 41 Resp: 54746

Ion Ratio Lower Upper

41 100

39 70.7 57.6 86.4

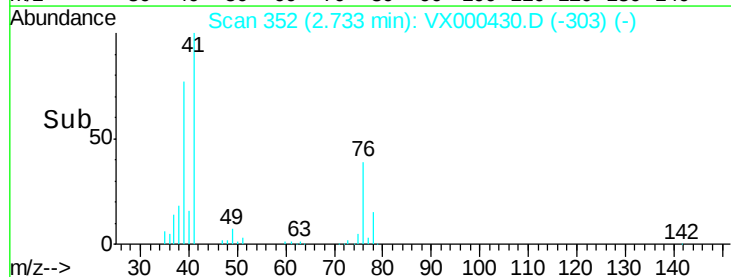
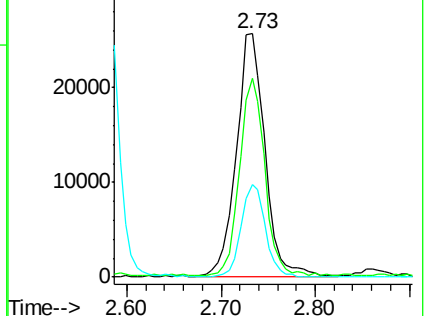
76 32.0 27.3 40.9

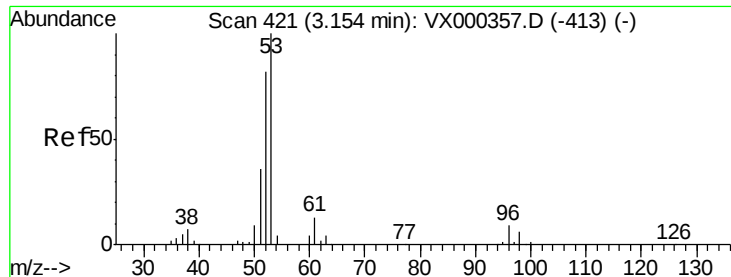


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.95 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

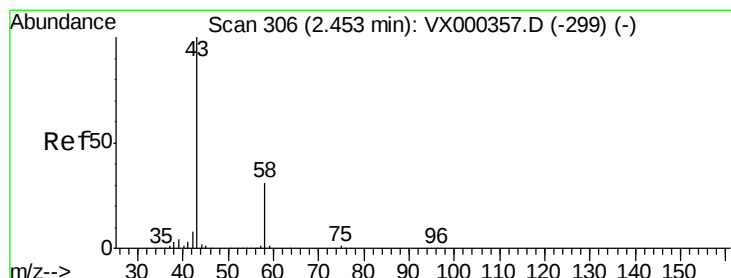
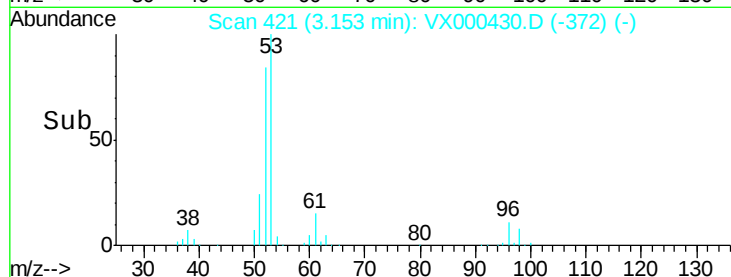
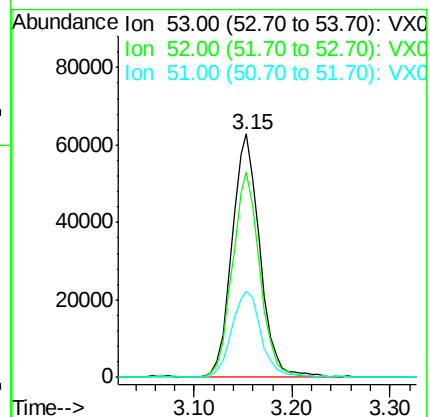
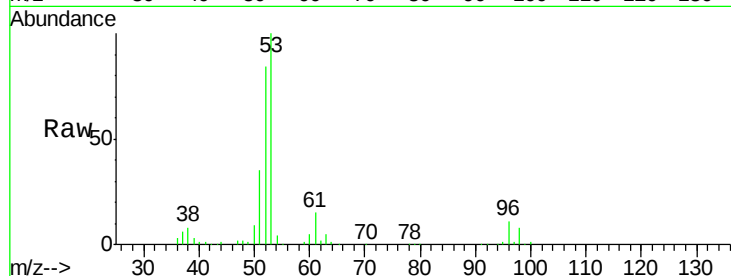
Tgt Ion: 53 Resp: 123977

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

51 37.7 29.3 43.9



#16

Acetone

Concen: 109.29 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000430.D

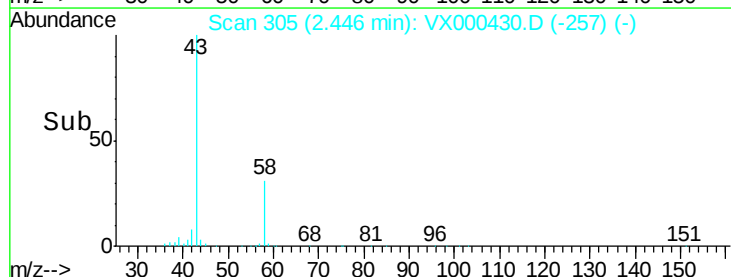
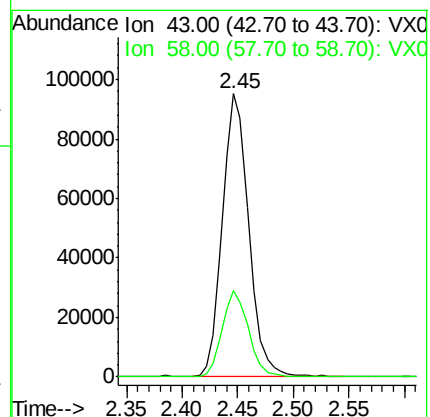
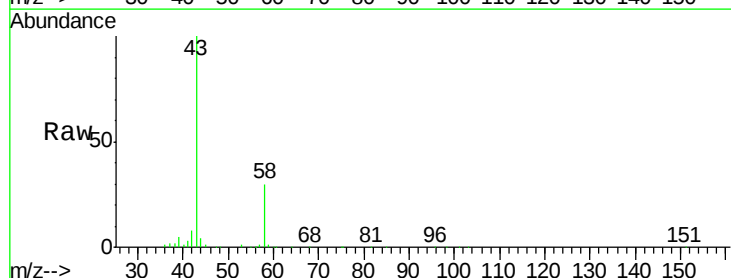
Acq: 23 Mar 2018 15:57

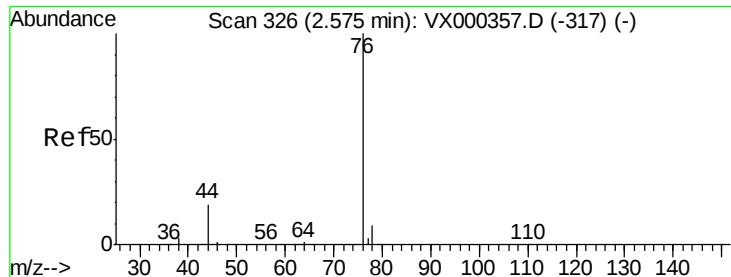
Tgt Ion: 43 Resp: 155641

Ion Ratio Lower Upper

43 100

58 30.5 24.7 37.1

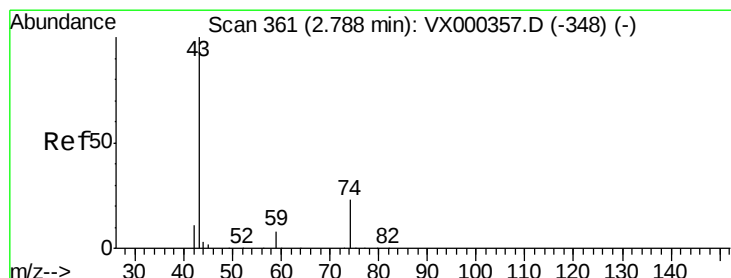
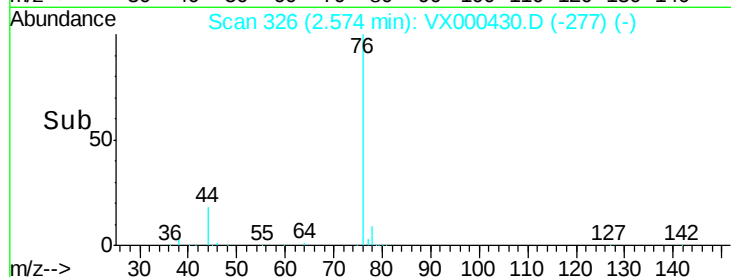
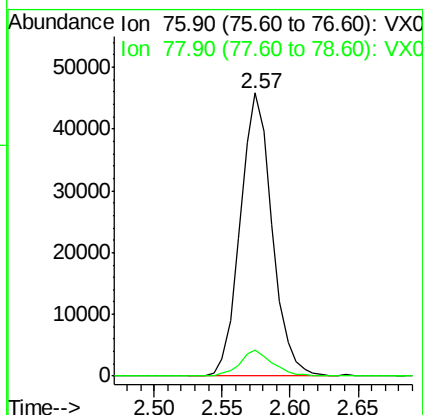
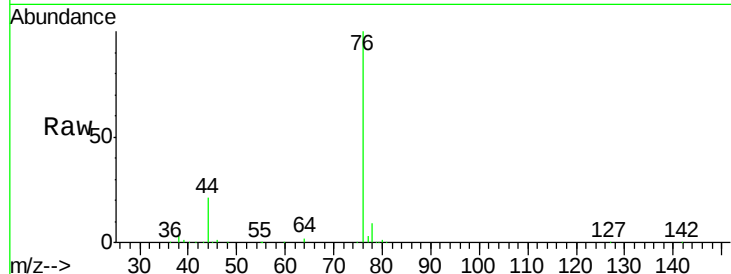




#17
 Carbon Disulfide
 Concen: 19.81 ug/l
 RT: 2.57 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

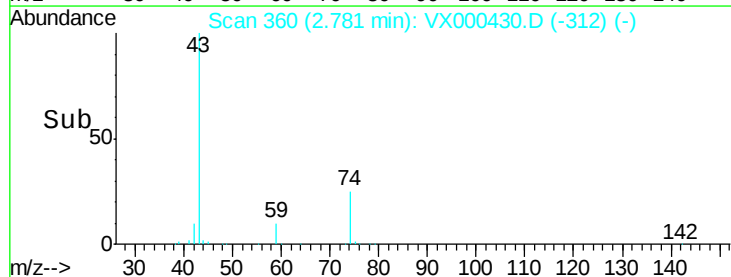
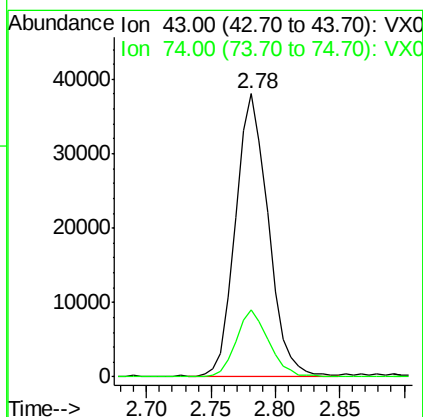
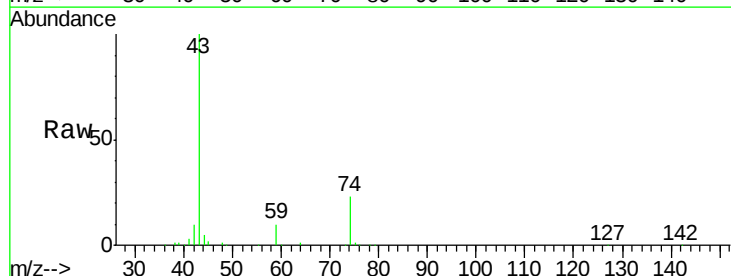
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

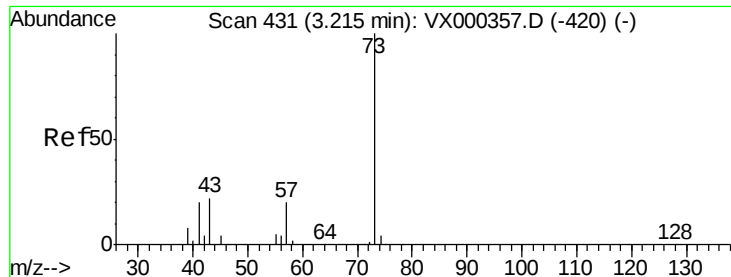
Tgt Ion: 76 Resp: 74878
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.0 10.6



#18
 Methyl Acetate
 Concen: 22.37 ug/l
 RT: 2.78 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Tgt Ion: 43 Resp: 66784
 Ion Ratio Lower Upper
 43 100
 74 24.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.65 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

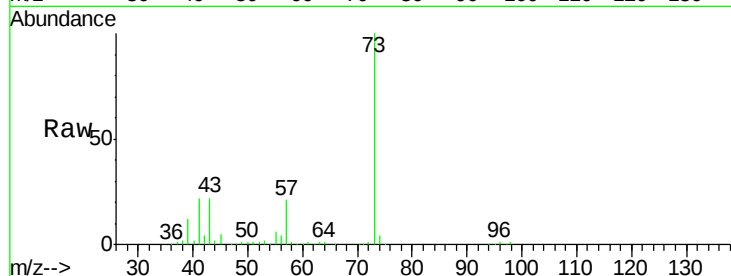
VX0323WBSD01

Tgt Ion: 73 Resp: 108553

Ion Ratio Lower Upper

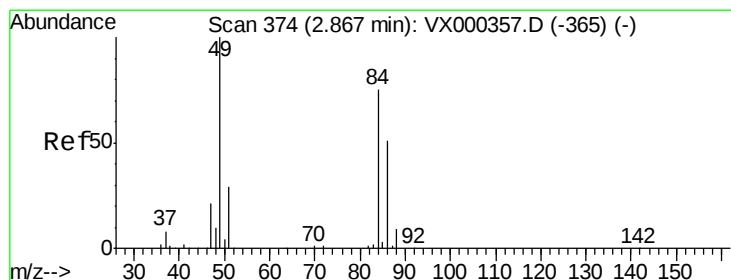
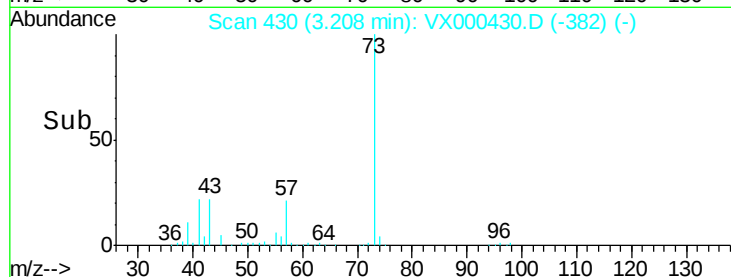
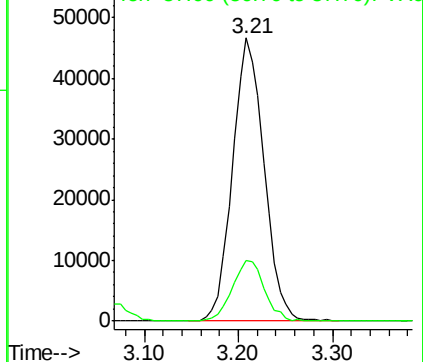
73 100

57 21.4 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 22.42 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Tgt Ion: 84 Resp: 36874

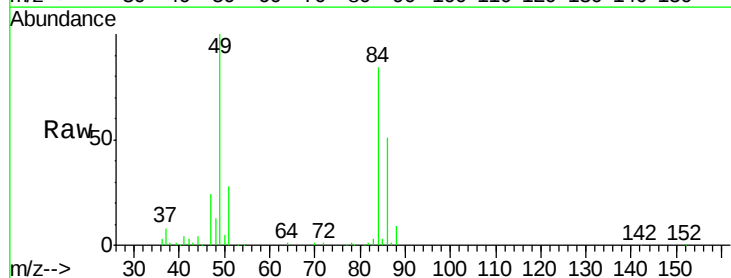
Ion Ratio Lower Upper

84 100

49 118.4 100.6 151.0

51 33.3 31.6 47.4

86 60.3 52.6 78.8

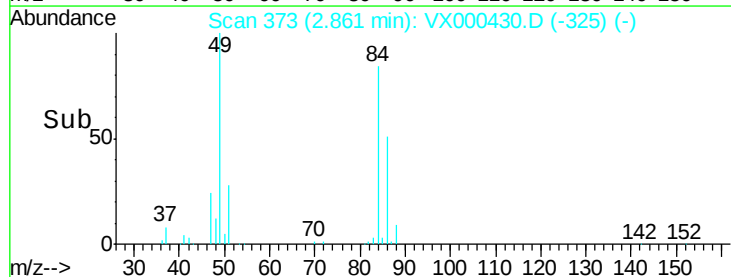
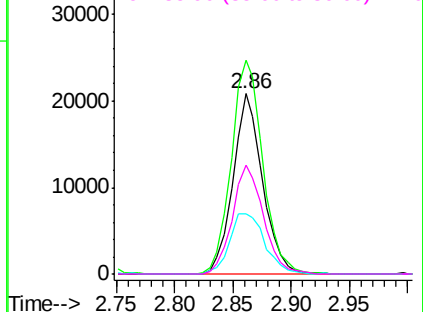


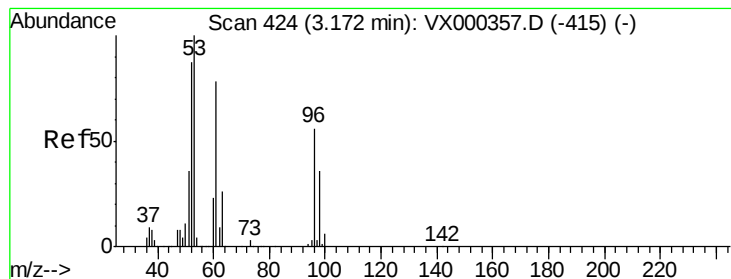
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 20.38 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

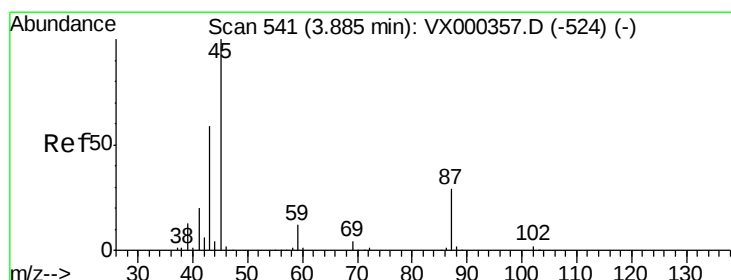
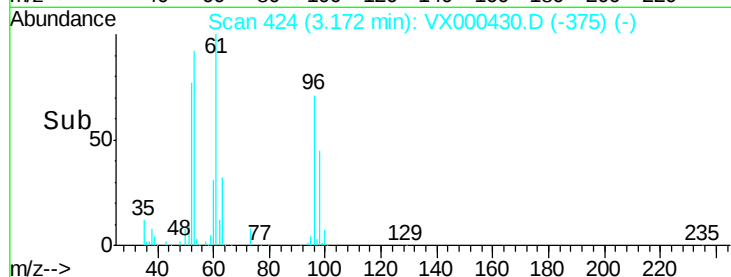
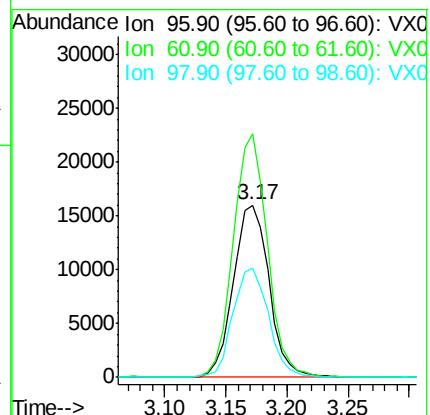
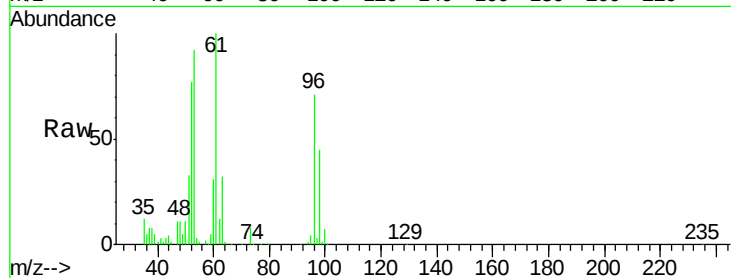
Tgt Ion: 96 Resp: 32310

Ion Ratio Lower Upper

96 100

61 141.3 104.0 156.0

98 63.6 52.1 78.1



#22

Diisopropyl ether

Concen: 23.86 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Tgt Ion: 45 Resp: 106017

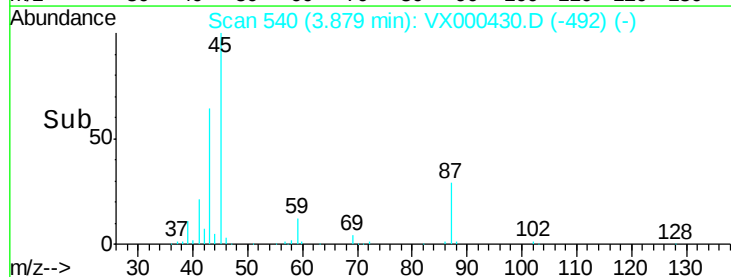
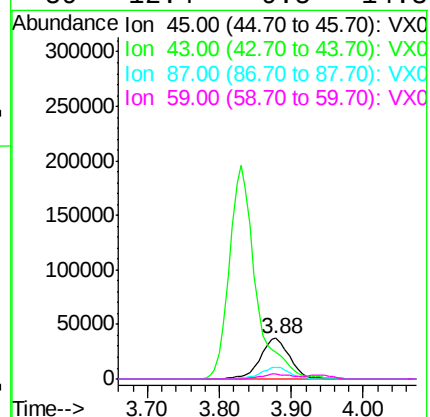
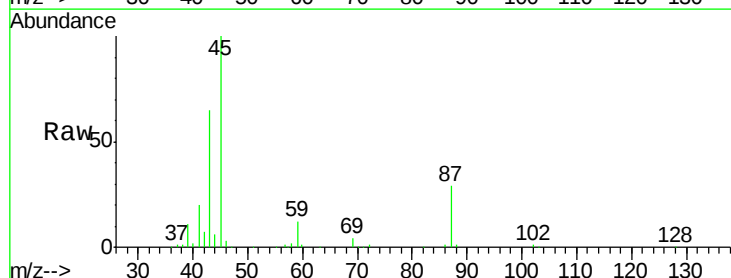
Ion Ratio Lower Upper

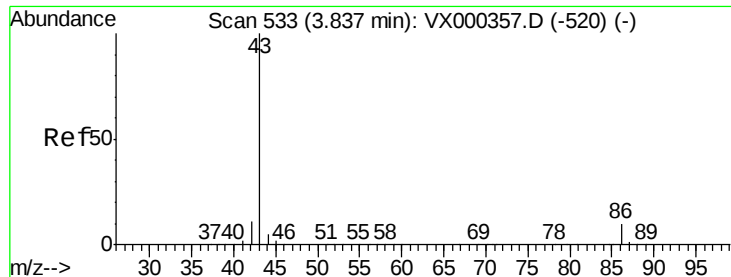
45 100

43 64.3 53.9 80.9

87 28.6 22.6 34.0

59 12.4 9.5 14.3





#23

Vinyl Acetate

Concen: 119.18 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

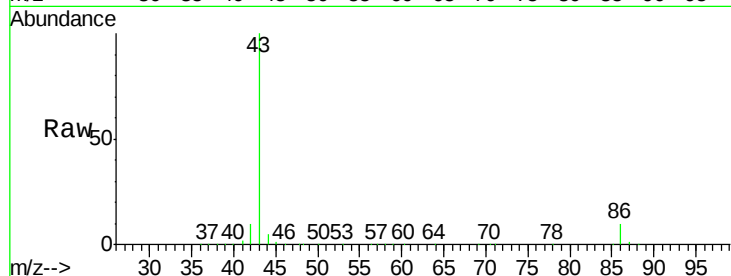
VX0323WBSD01

Tgt Ion: 43 Resp: 502044

Ion Ratio Lower Upper

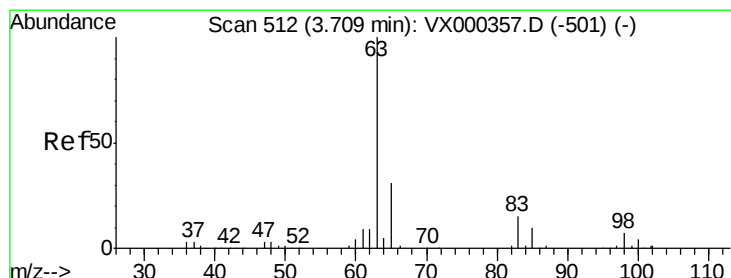
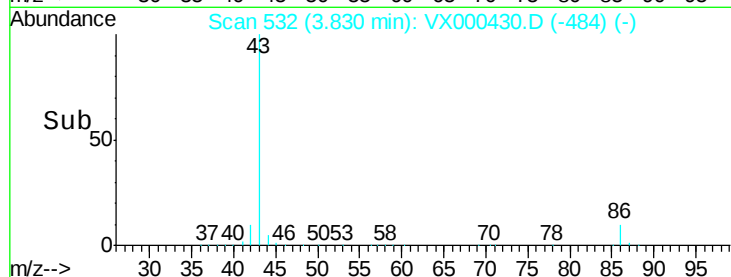
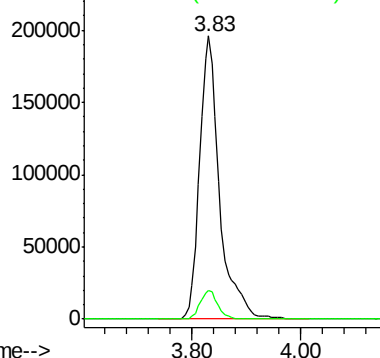
43 100

86 9.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

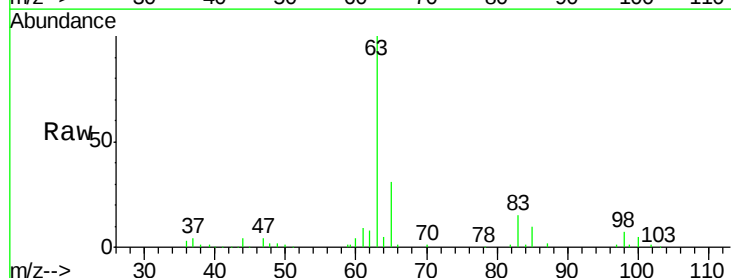
Tgt Ion: 63 Resp: 62512

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

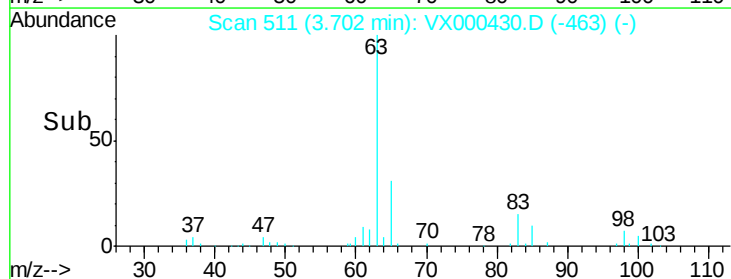
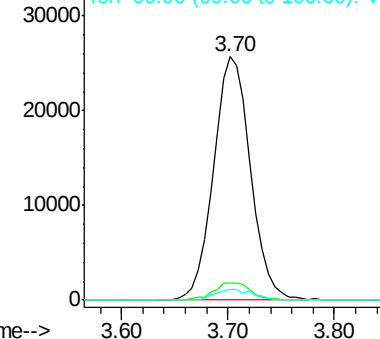
100 4.5 2.0 5.8

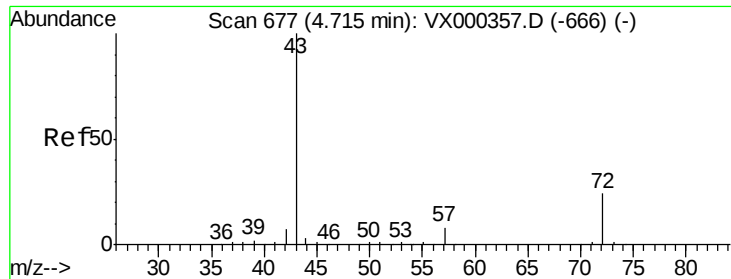


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.45 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

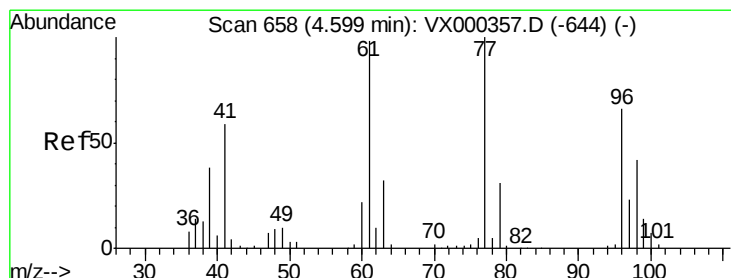
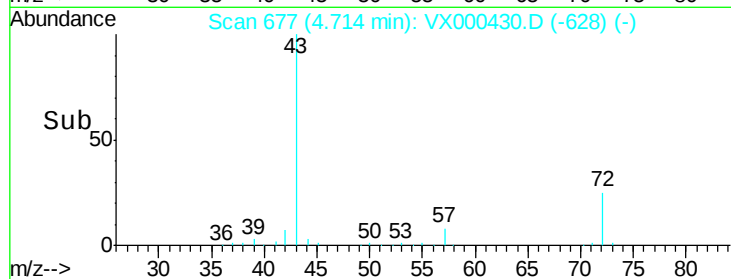
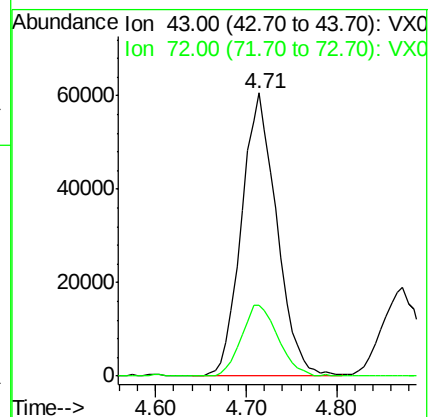
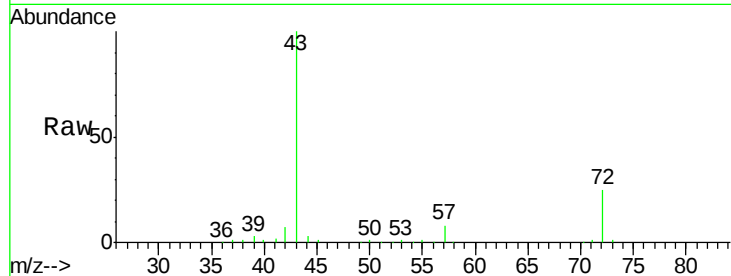
VX0323WBSD01

Tgt Ion: 43 Resp: 163994

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.54 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000430.D

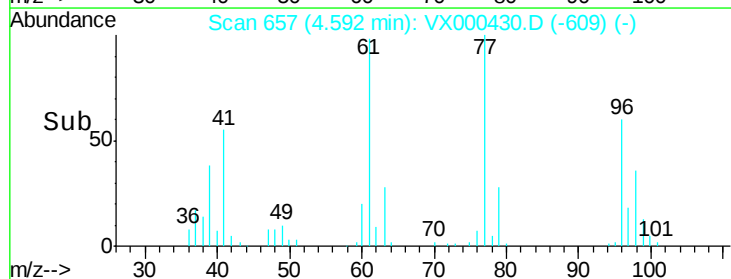
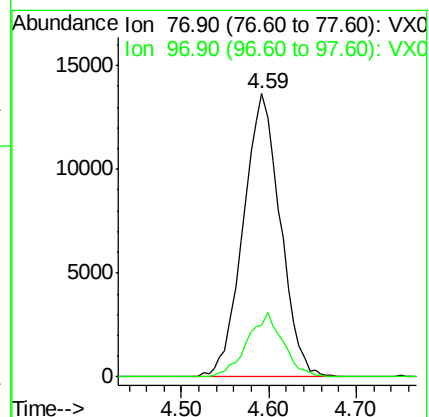
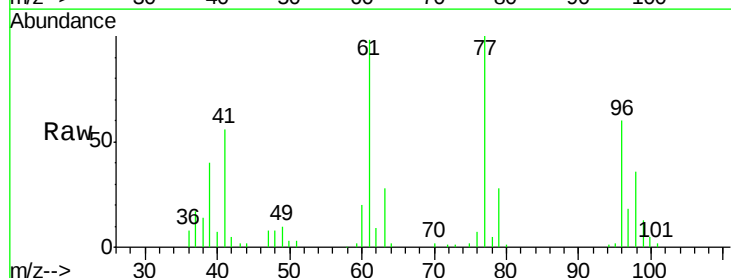
Acq: 23 Mar 2018 15:57

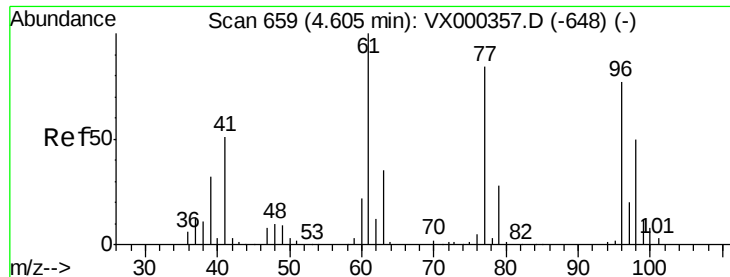
Tgt Ion: 77 Resp: 40227

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.10 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

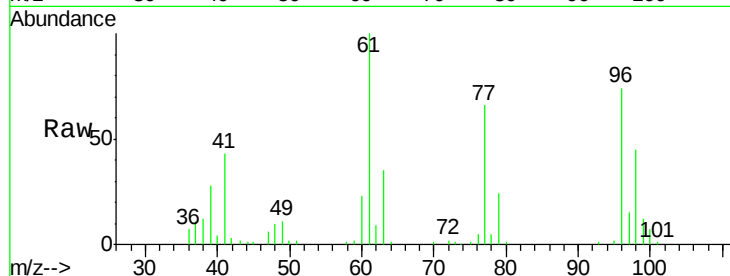
Tgt Ion: 96 Resp: 31276

Ion Ratio Lower Upper

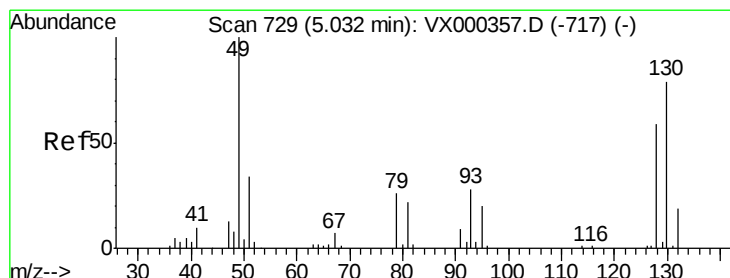
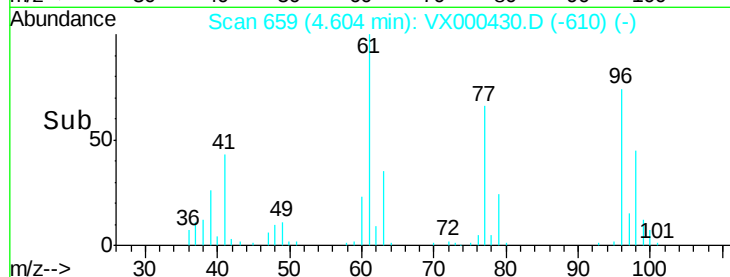
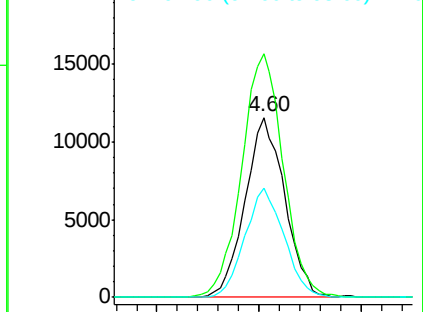
96 100

61 142.1 0.0 291.6

98 59.9 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: 19.18 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

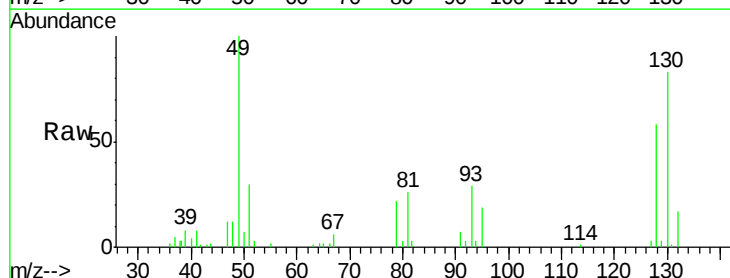
Tgt Ion: 49 Resp: 22093

Ion Ratio Lower Upper

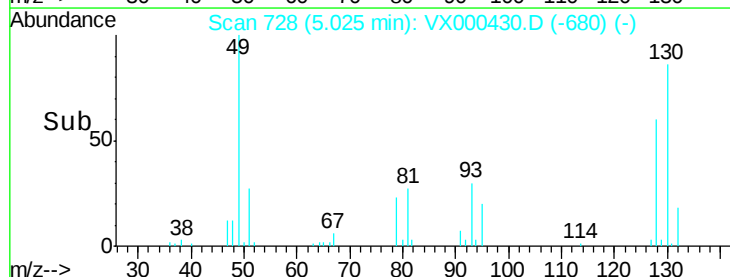
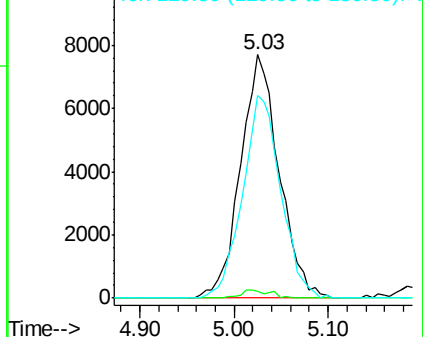
49 100

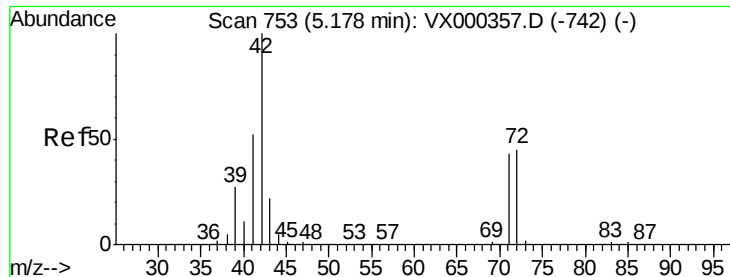
129 2.6 0.0 5.0

130 82.2 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

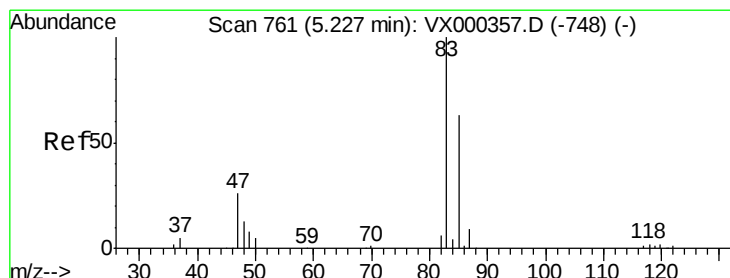
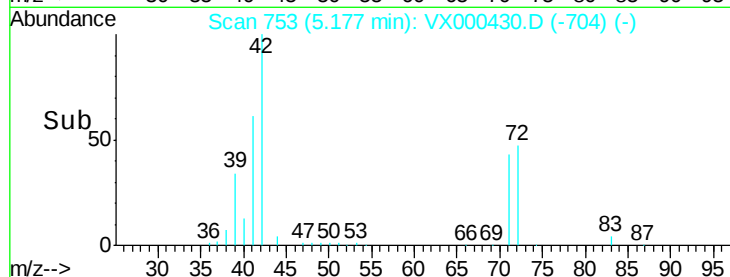
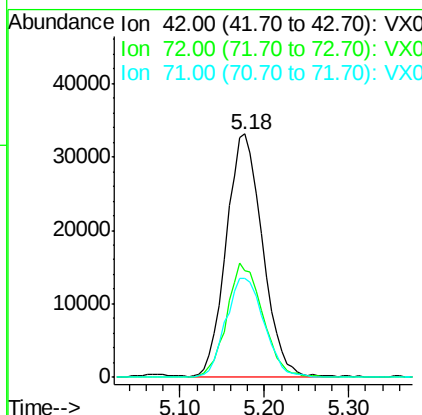
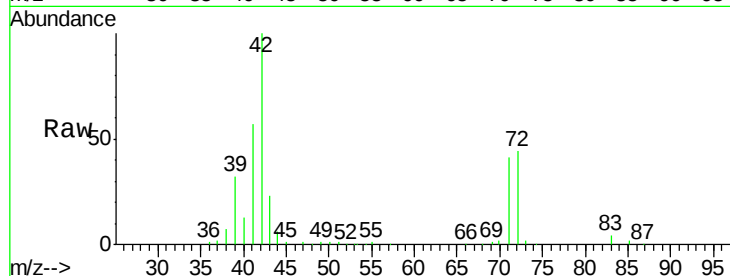




#29
Tetrahydrofuran
Concen: 99.04 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

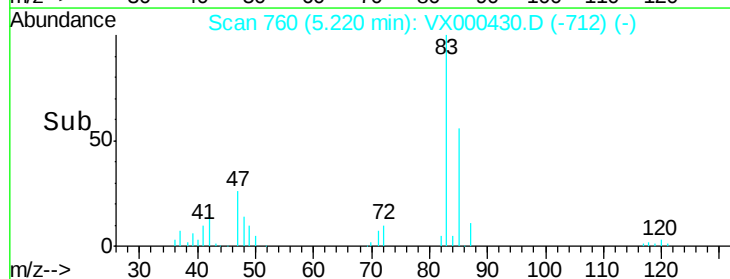
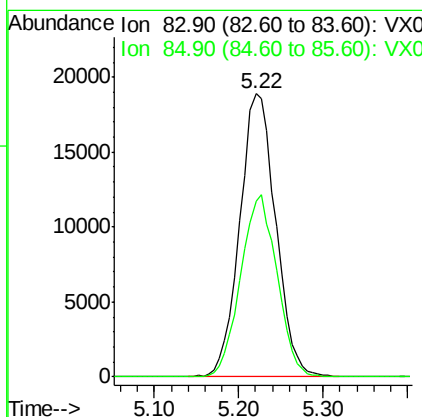
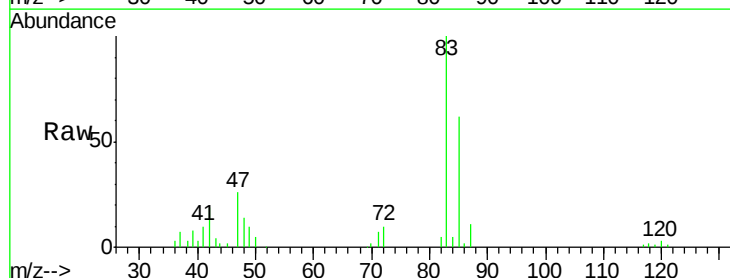
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

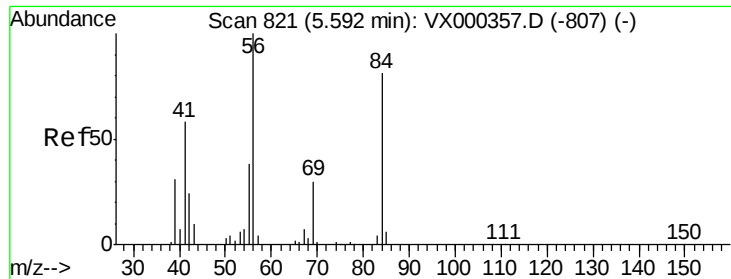
Tgt Ion: 42 Resp: 97543
Ion Ratio Lower Upper
42 100
72 46.1 37.9 56.9
71 42.8 34.4 51.6



#30
Chloroform
Concen: 20.84 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion: 83 Resp: 54576
Ion Ratio Lower Upper
83 100
85 62.2 53.3 79.9

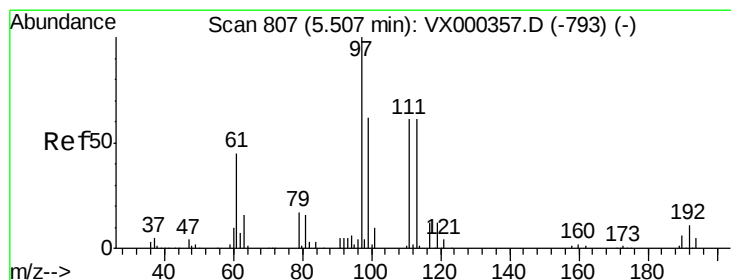
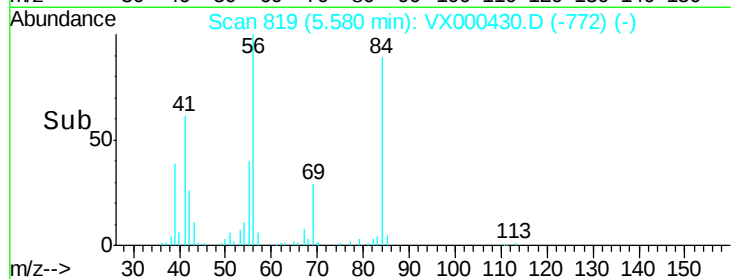
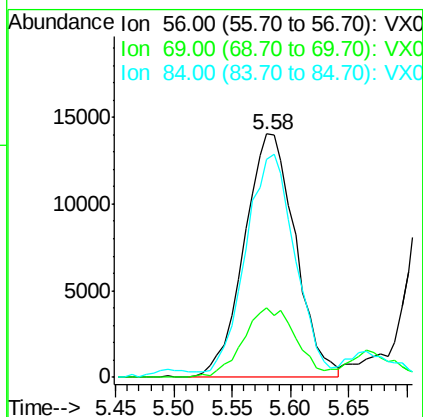
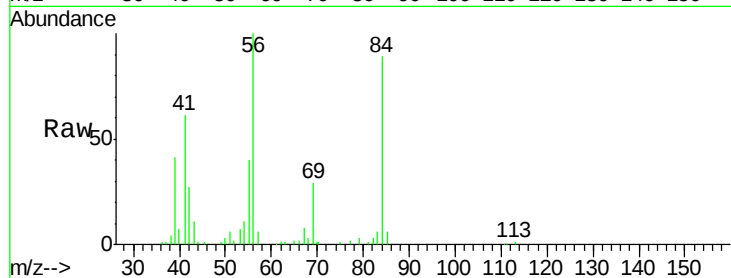




#31
Cyclohexane
Concen: 19.79 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

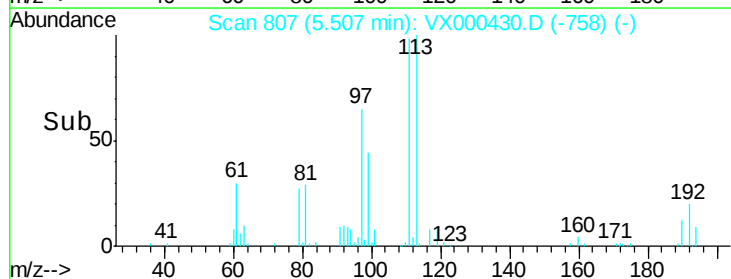
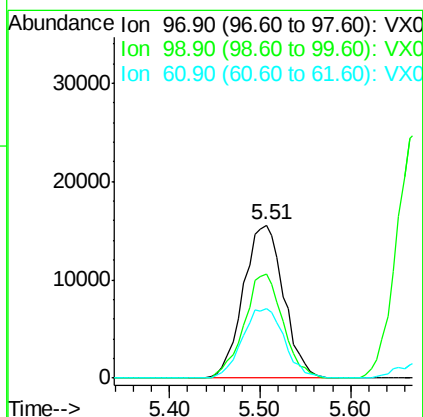
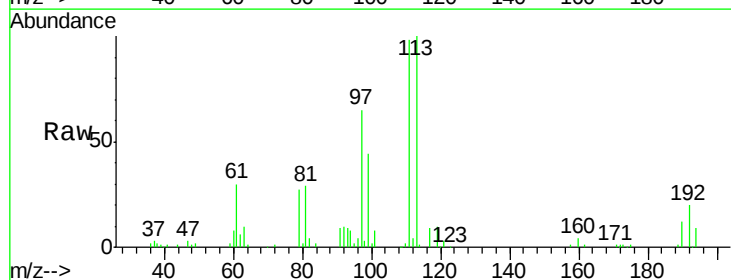
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

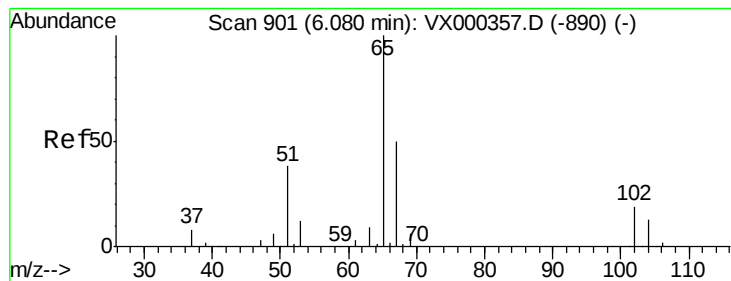
Tgt Ion: 56 Resp: 42747
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.0
84 87.0 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 20.27 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion: 97 Resp: 47885
Ion Ratio Lower Upper
97 100
99 65.2 52.1 78.1
61 47.2 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.09 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

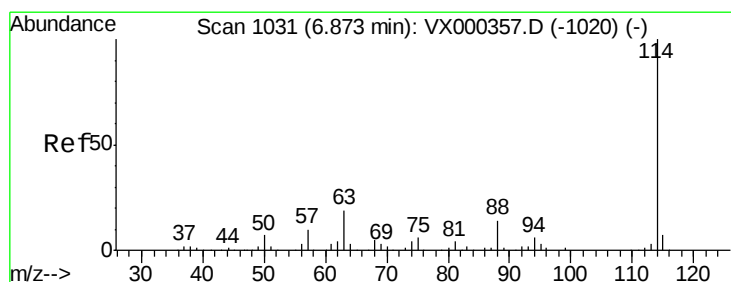
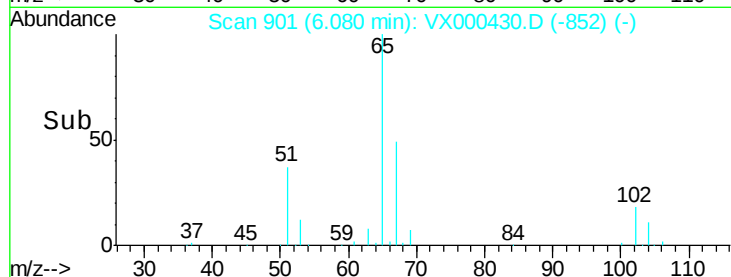
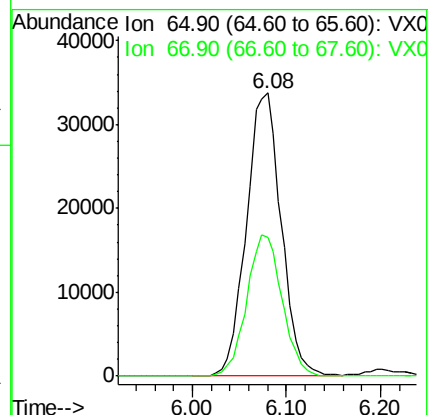
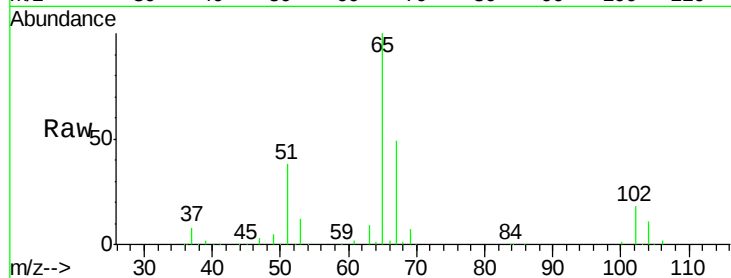
VX0323WBSD01

Tgt Ion: 65 Resp: 87469

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

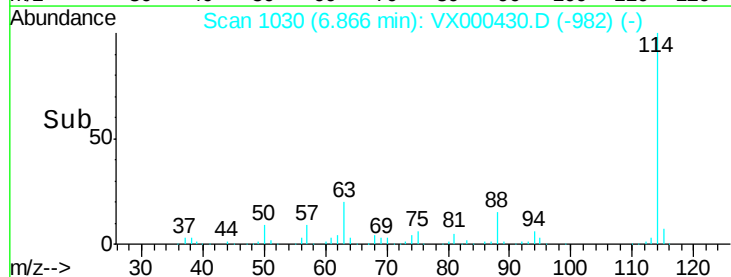
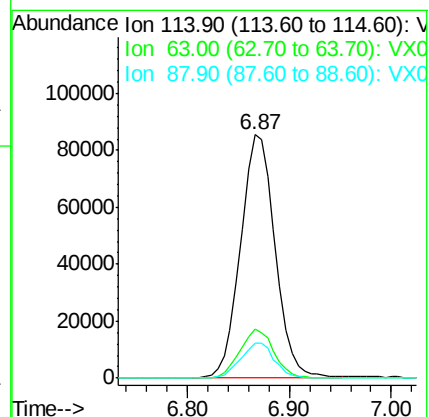
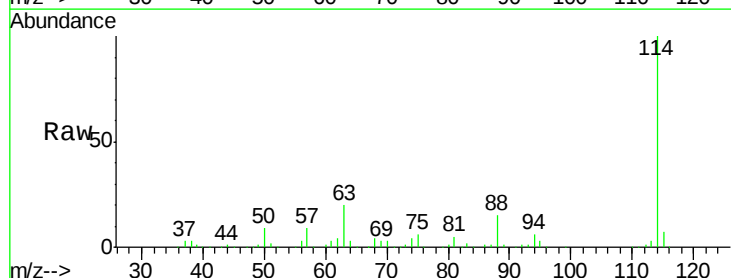
Tgt Ion: 114 Resp: 201538

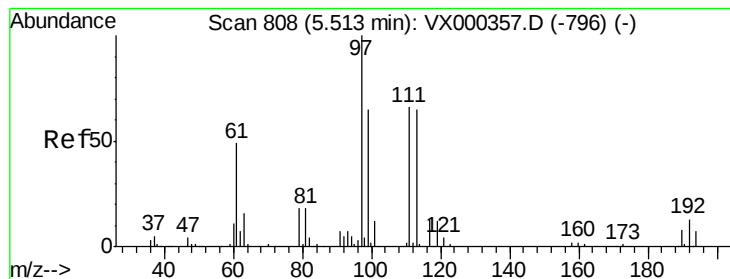
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 14.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 53.55 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

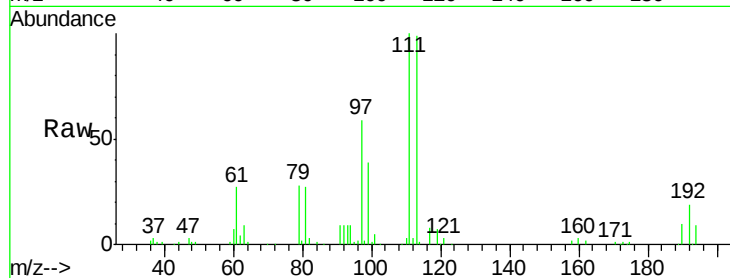
Tgt Ion:113 Resp: 68005

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

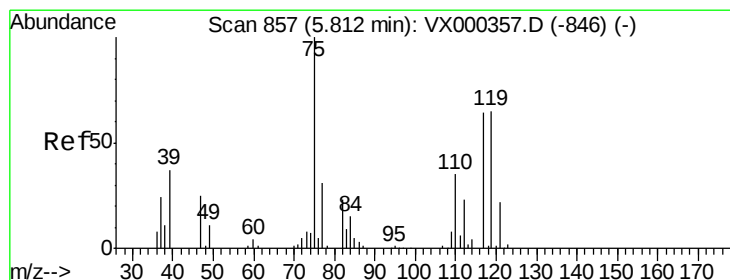
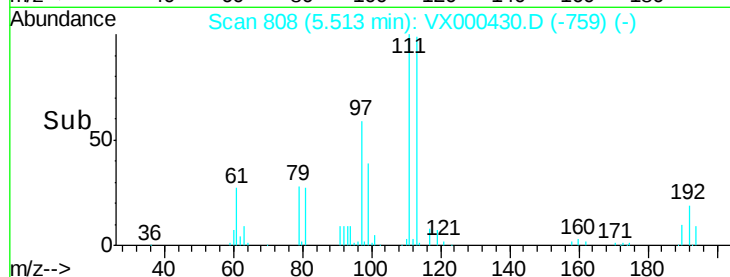
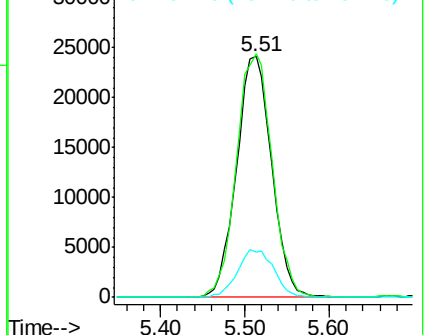
192 20.5 15.8 23.6



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: 21.09 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

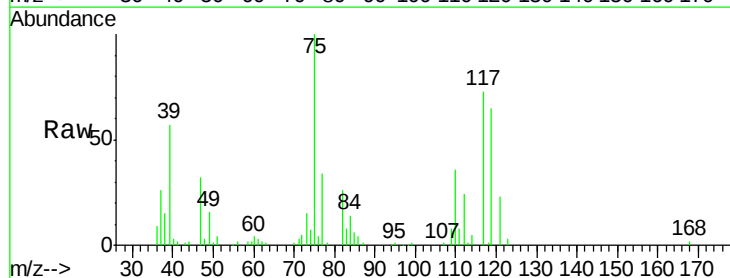
Tgt Ion: 75 Resp: 39814

Ion Ratio Lower Upper

75 100

110 35.0 17.9 53.7

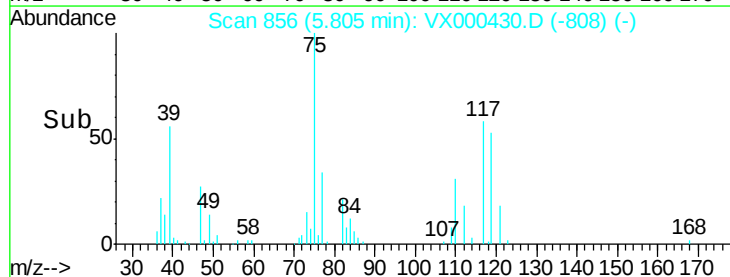
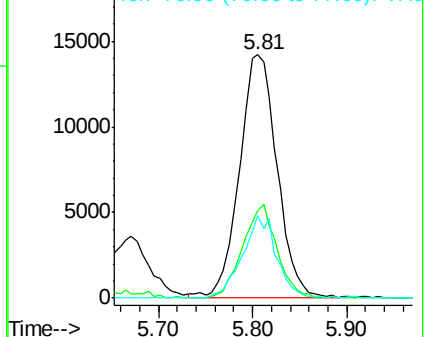
77 30.8 24.0 36.0

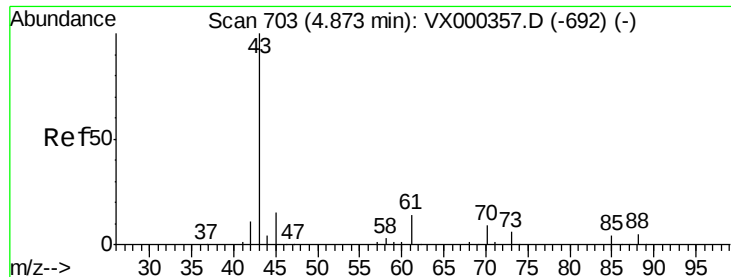


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.31 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampled :

VX0323WBSD01

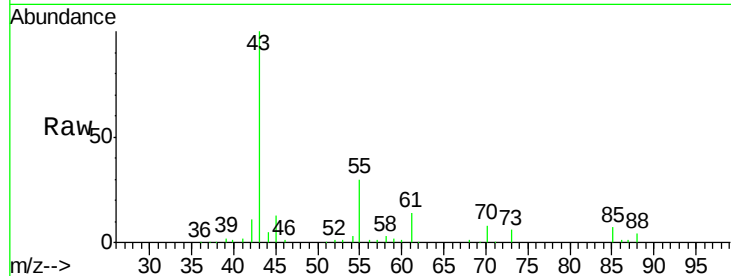
Tgt Ion: 43 Resp: 52386

Ion Ratio Lower Upper

43 100

61 13.5 11.1 16.7

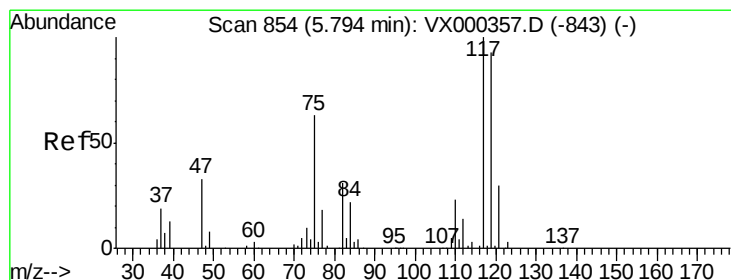
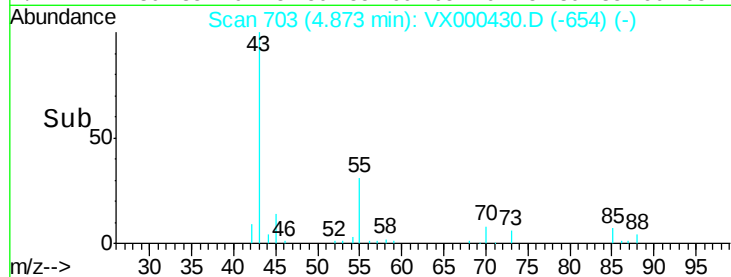
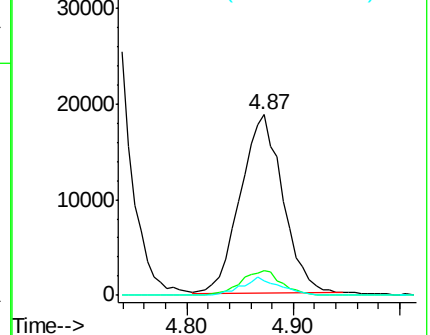
70 9.2 7.7 11.5



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: 20.75 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

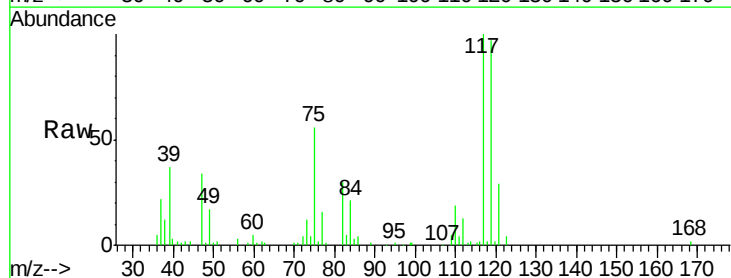
Tgt Ion: 117 Resp: 41103

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.2

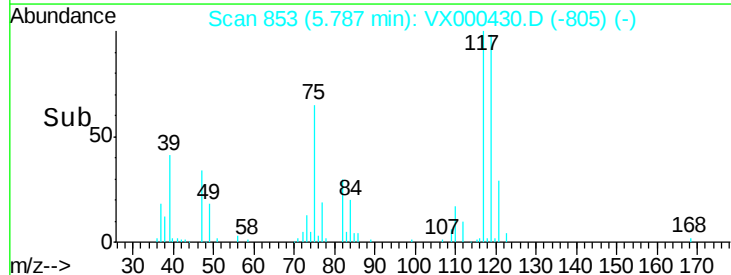
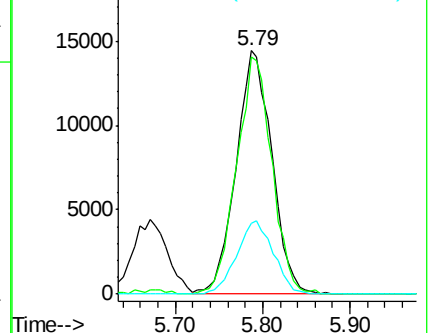
121 29.0 24.8 37.2

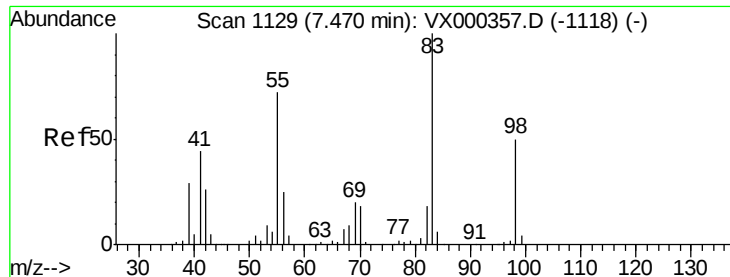


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

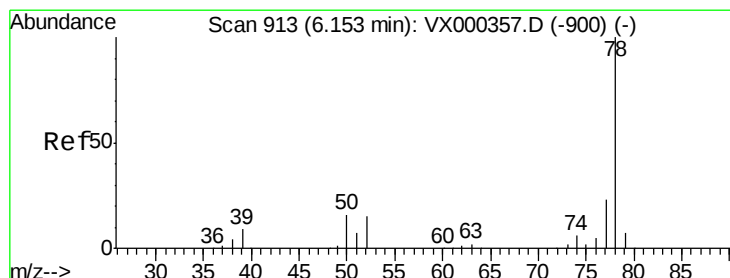
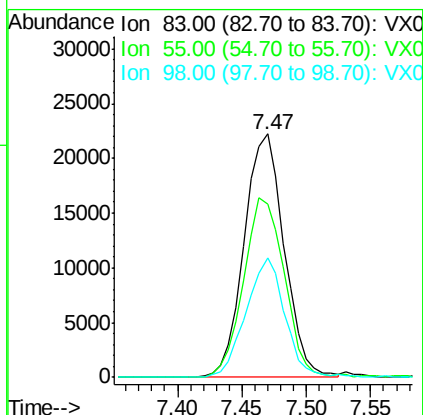
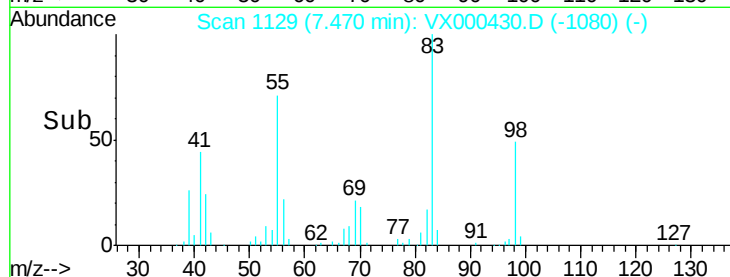
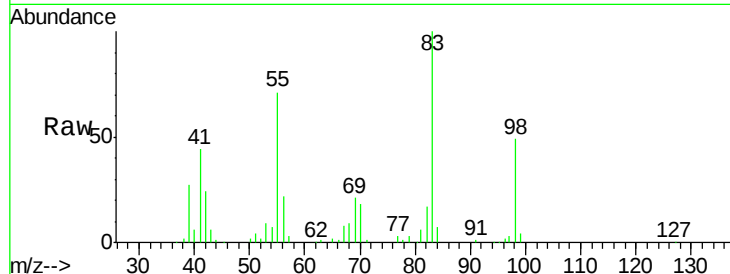




#39
Methylcyclohexane
Concen: 20.81 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

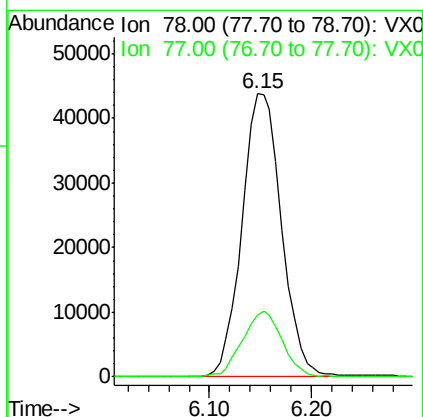
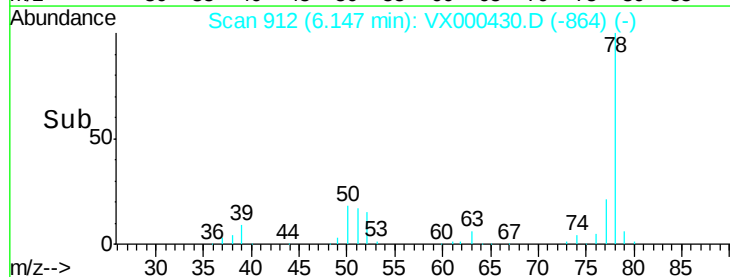
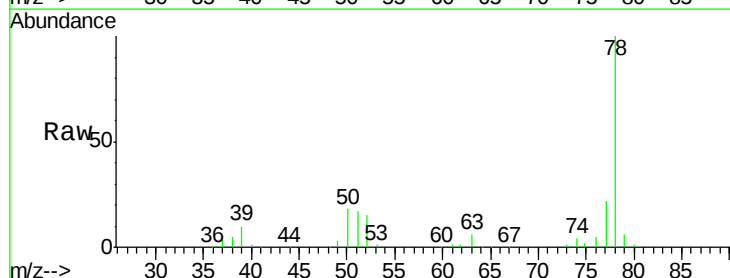
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

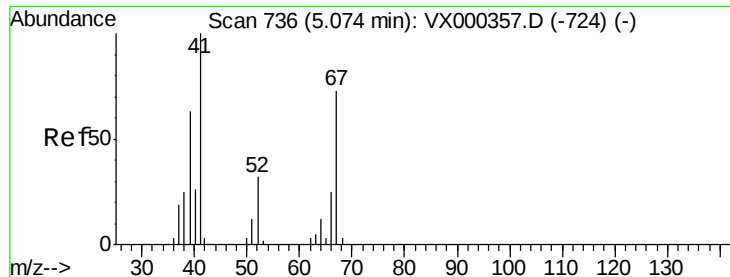
Tgt Ion: 83 Resp: 47789
Ion Ratio Lower Upper
83 100
55 71.2 55.5 83.3
98 49.0 38.2 57.4



#40
Benzene
Concen: 21.50 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion: 78 Resp: 117853
Ion Ratio Lower Upper
78 100
77 21.9 18.7 28.1





#41

Methacrylonitrile

Concen: 20.15 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

Tgt Ion: 41 Resp: 27396

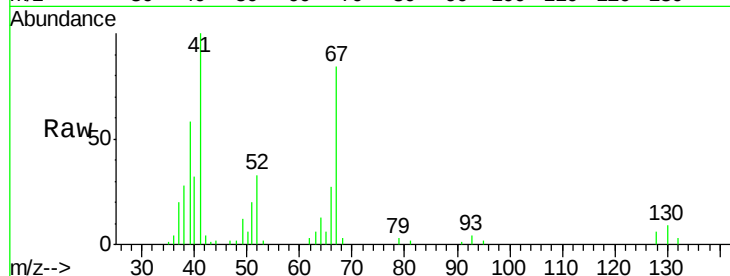
Ion Ratio Lower Upper

41 100

39 57.3 45.7 68.5

67 76.6 57.8 86.8

52 35.4 26.7 40.1

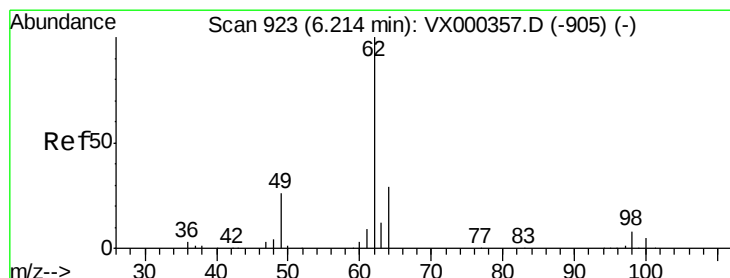
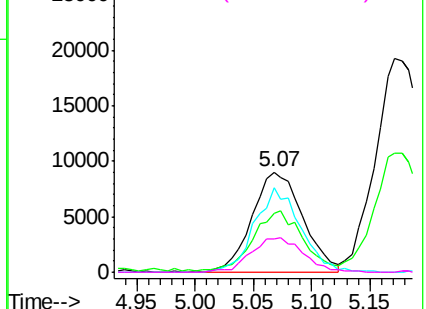
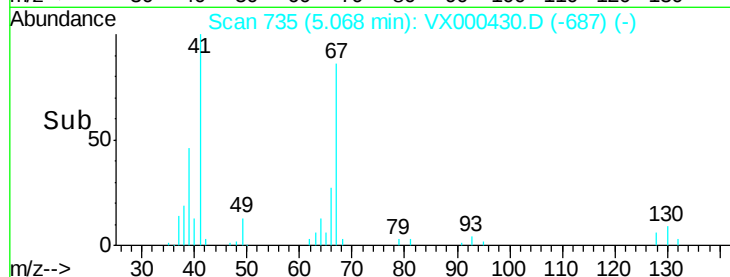


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.29 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000430.D

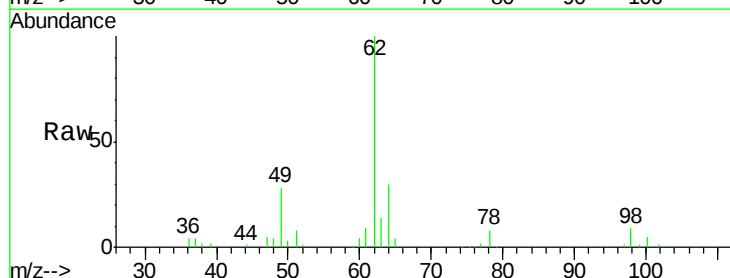
Acq: 23 Mar 2018 15:57

Tgt Ion: 62 Resp: 47941

Ion Ratio Lower Upper

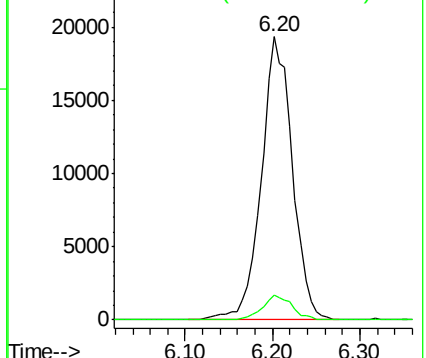
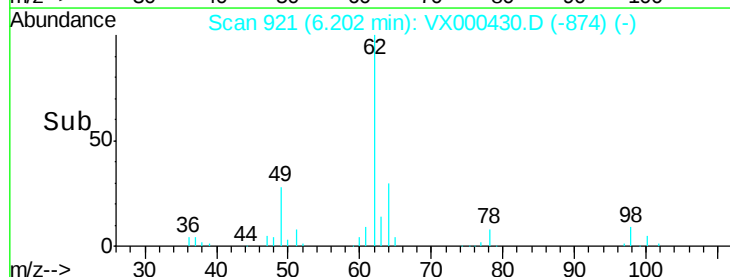
62 100

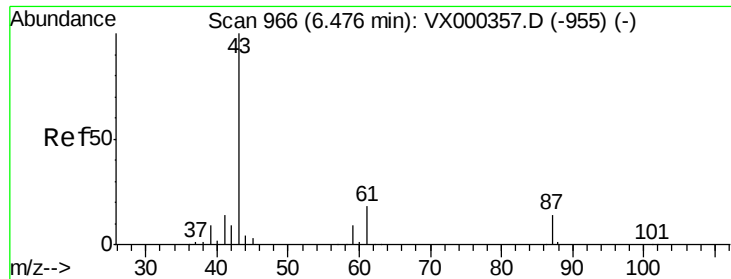
98 8.3 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.61 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

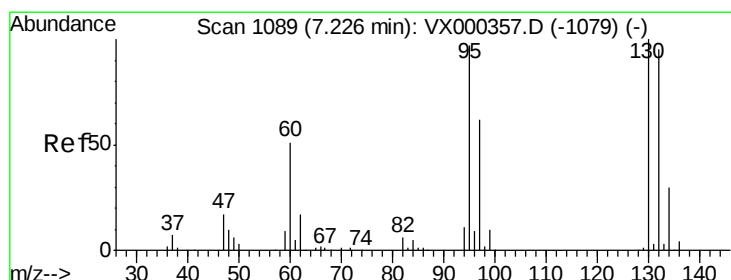
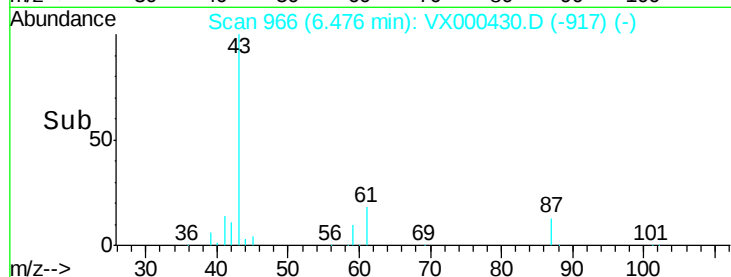
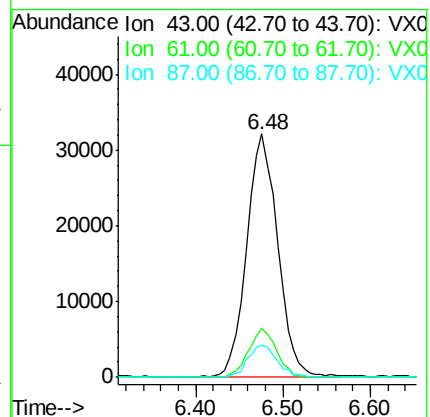
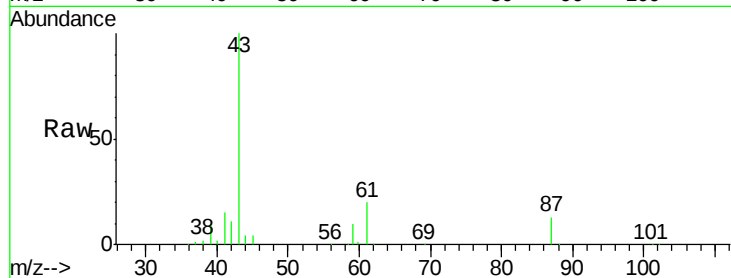
Tgt Ion: 43 Resp: 79114

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

87 12.7 11.0 16.4



#44

Trichloroethene

Concen: 21.25 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000430.D

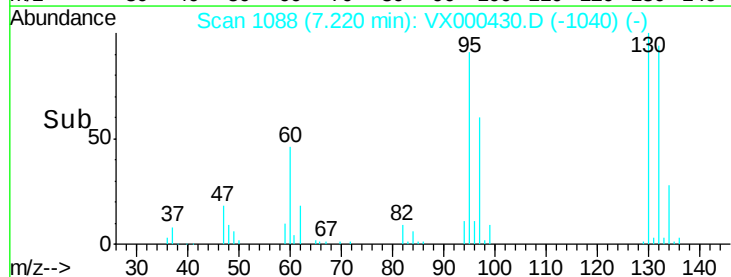
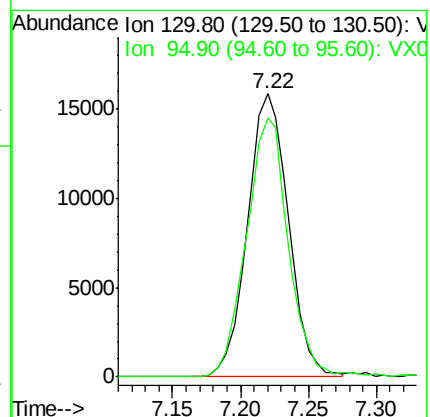
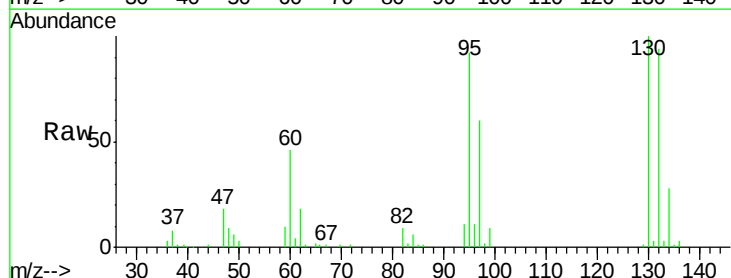
Acq: 23 Mar 2018 15:57

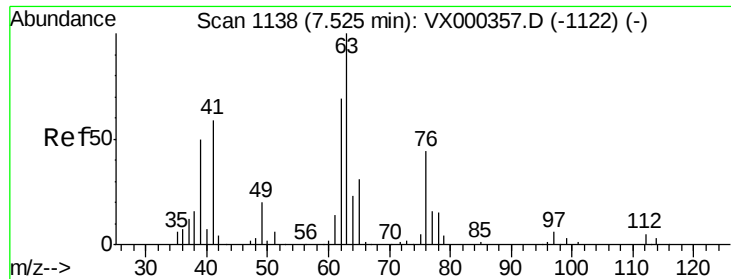
Tgt Ion: 130 Resp: 33377

Ion Ratio Lower Upper

130 100

95 91.5 0.0 186.0

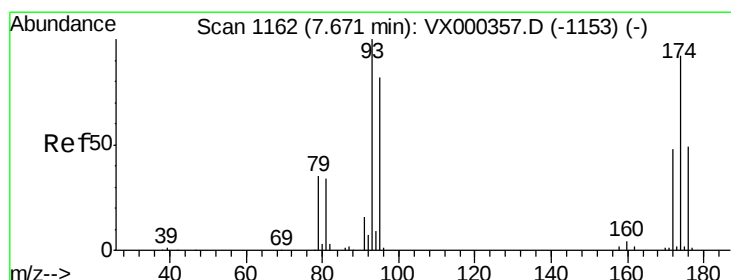
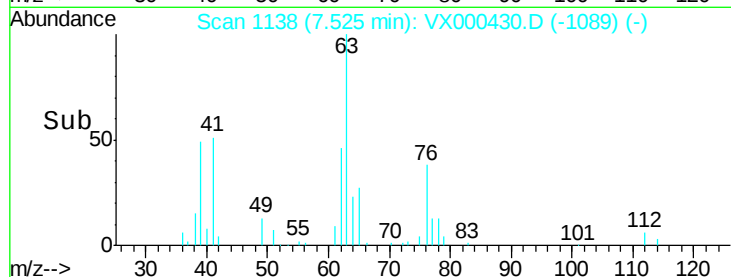
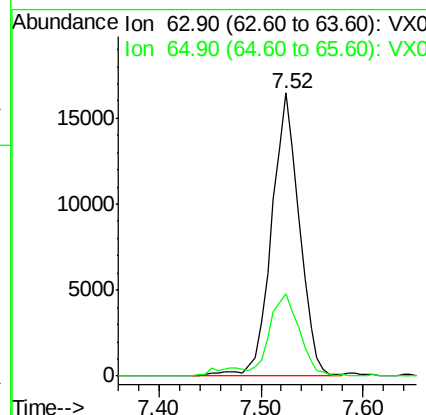
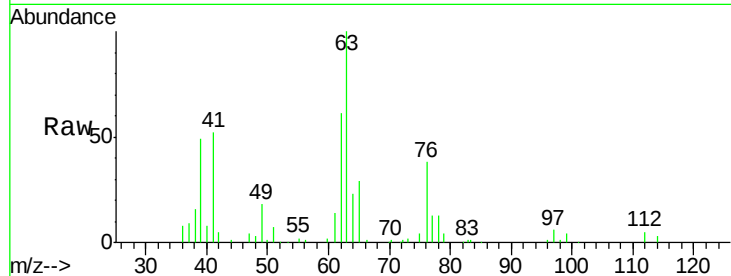




#45
 1,2-Dichloropropane
 Concen: 22.12 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

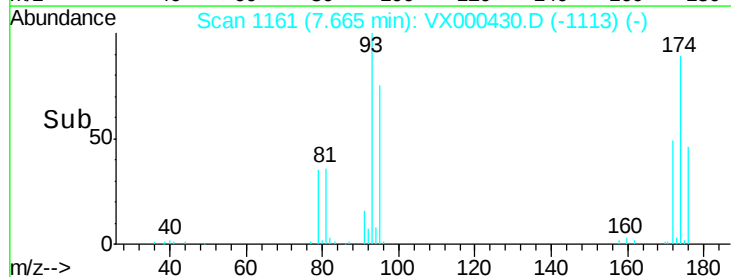
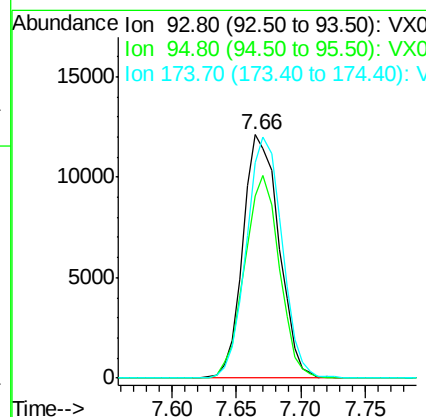
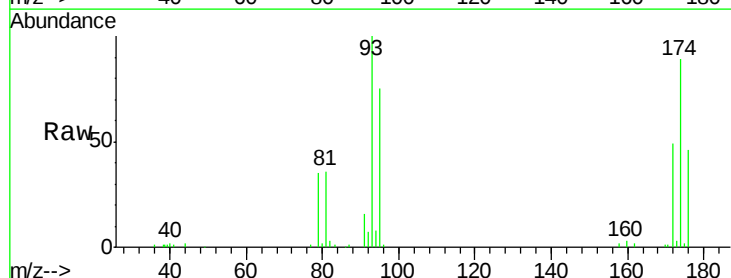
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

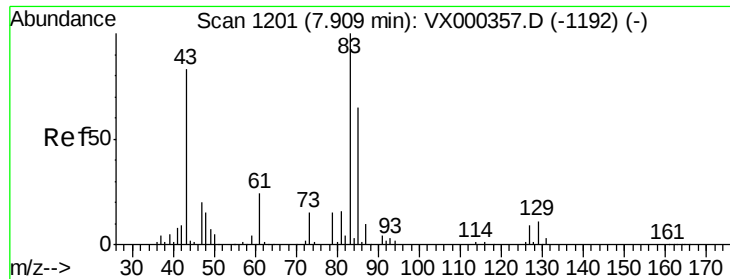
Tgt Ion: 63 Resp: 31040
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.6 36.8



#46
 Dibromomethane
 Concen: 21.22 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Tgt Ion: 93 Resp: 23373
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.5 99.7
 174 98.4 76.0 114.0





#47

Bromodichloromethane

Concen: 21.77 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

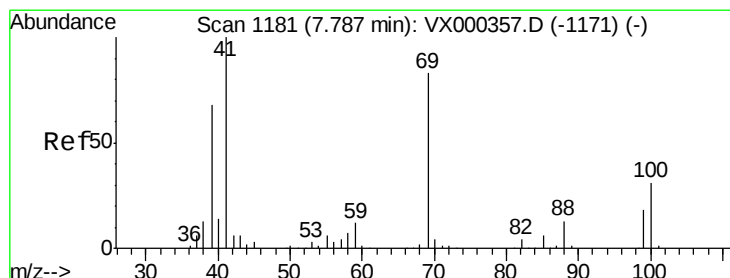
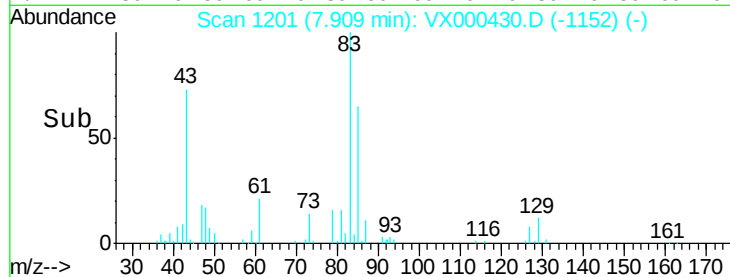
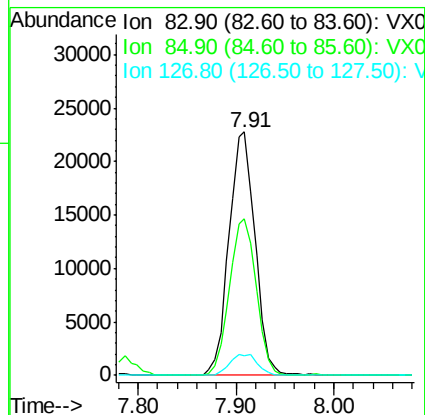
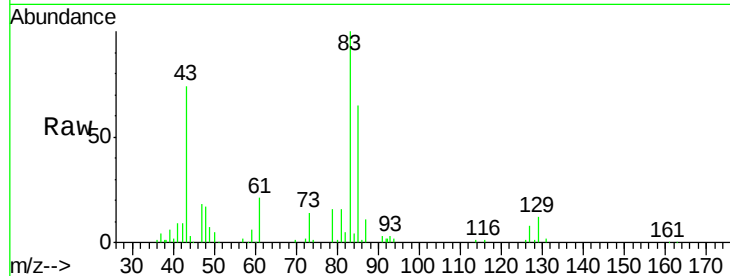
Tgt Ion: 83 Resp: 42196

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

127 8.3 7.0 10.6



#48

Methyl methacrylate

Concen: 20.73 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

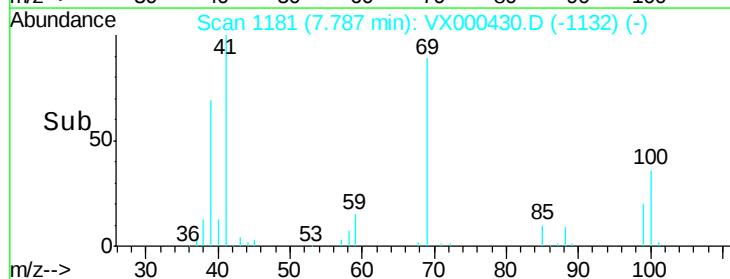
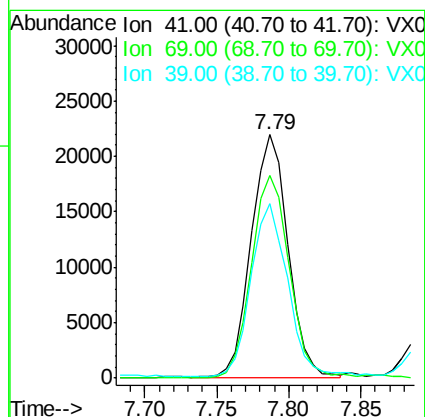
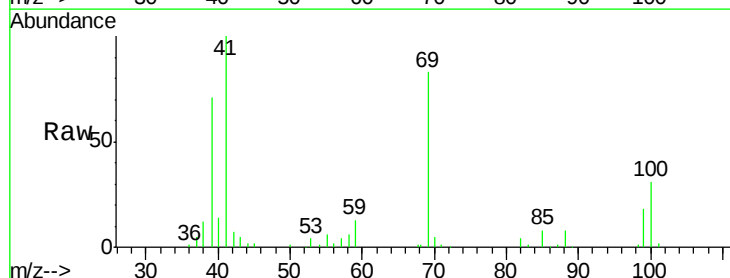
Tgt Ion: 41 Resp: 38627

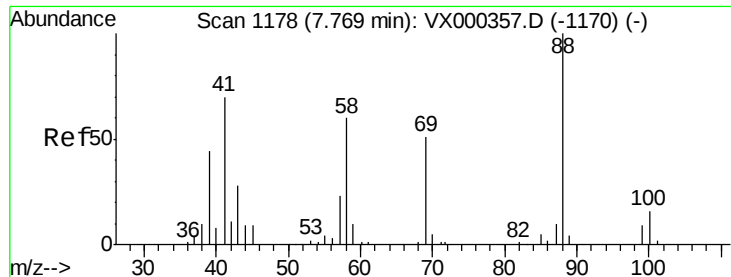
Ion Ratio Lower Upper

41 100

69 86.3 68.2 102.4

39 71.5 54.6 81.8

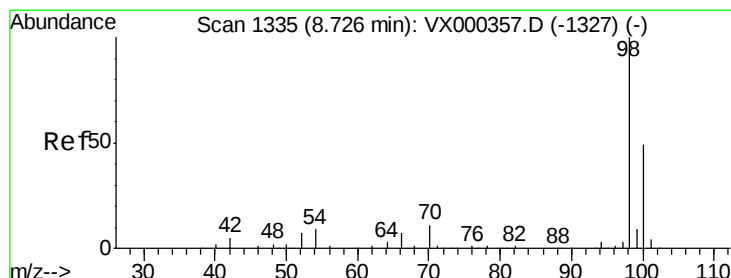
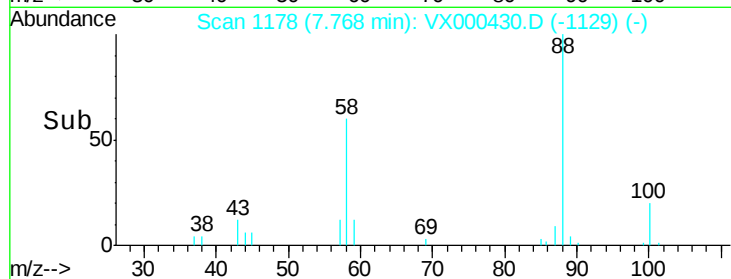
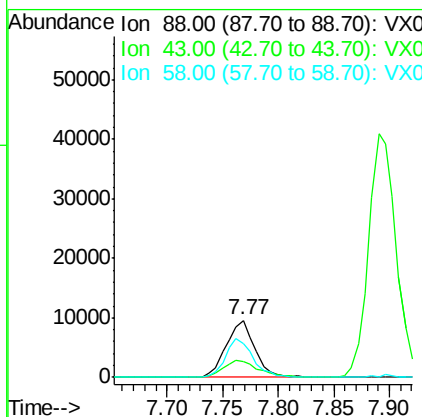
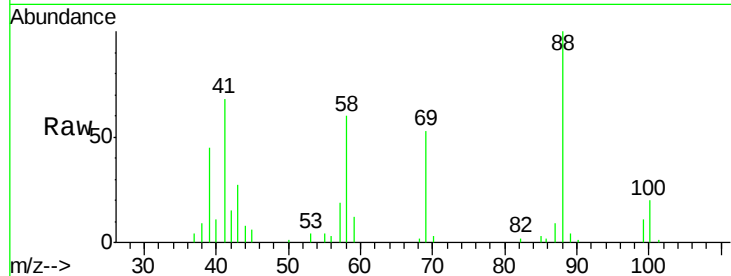




#49
1,4-Dioxane
Concen: 432.94 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

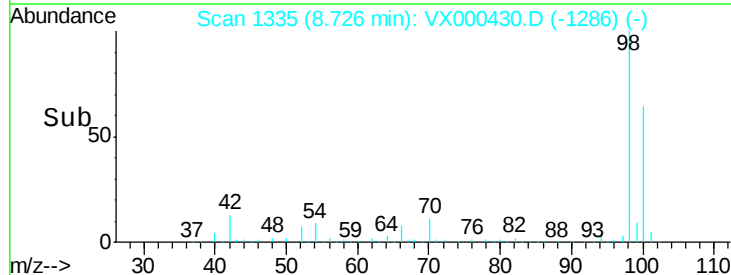
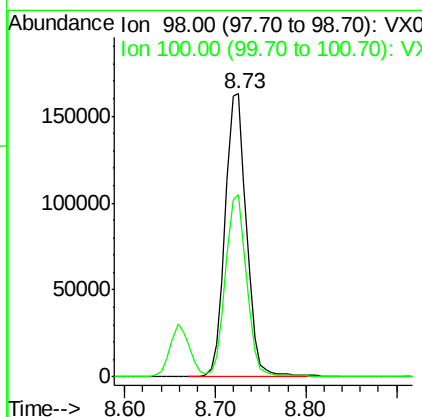
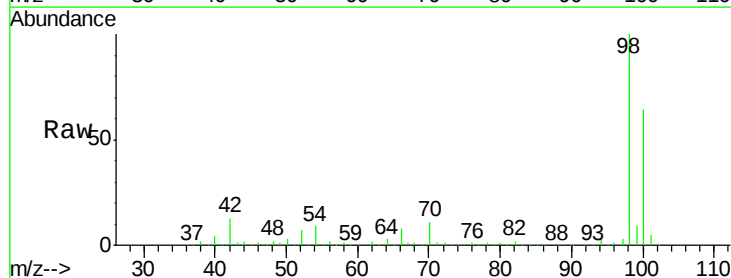
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

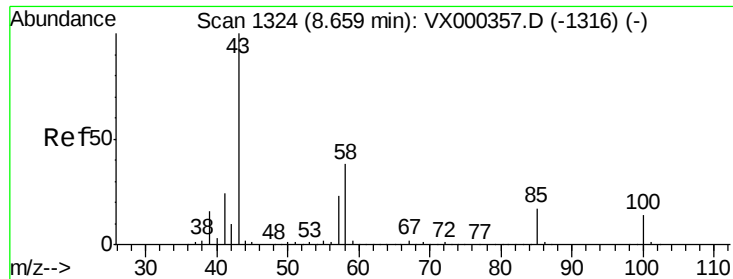
Tgt Ion: 88 Resp: 16959
Ion Ratio Lower Upper
88 100
43 35.6 26.8 40.2
58 66.2 52.2 78.2



#50
Toluene-d8
Concen: 50.76 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion: 98 Resp: 266959
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 104.66 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

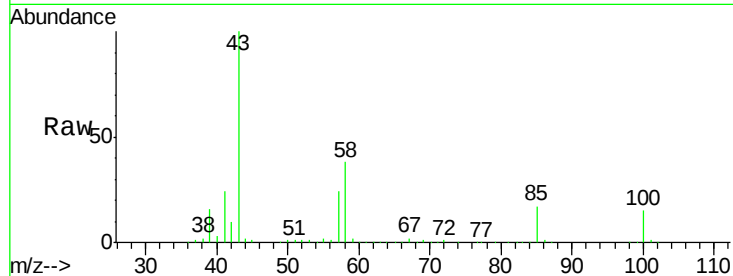
VX0323WBSD01

Tgt Ion: 43 Resp: 310967

Ion Ratio Lower Upper

43 100

58 37.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

150000

100000

50000

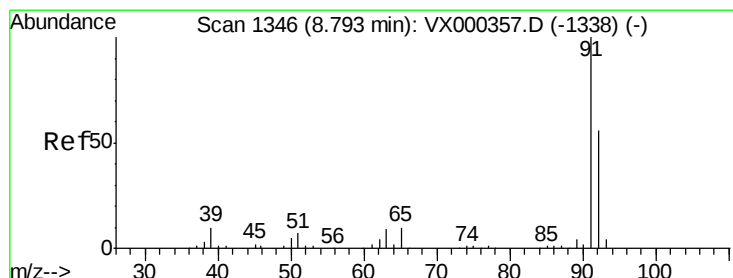
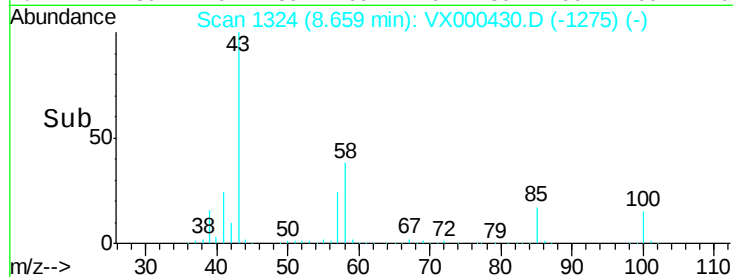
0

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 20.69 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000430.D

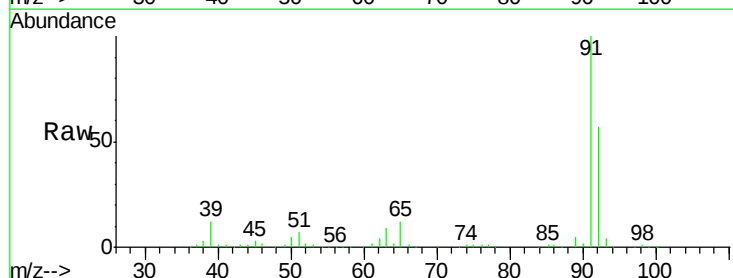
Acq: 23 Mar 2018 15:57

Tgt Ion: 92 Resp: 79314

Ion Ratio Lower Upper

92 100

91 177.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

60000

40000

20000

0

8.70

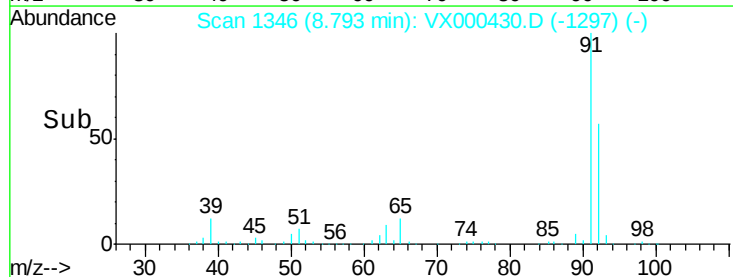
8.75

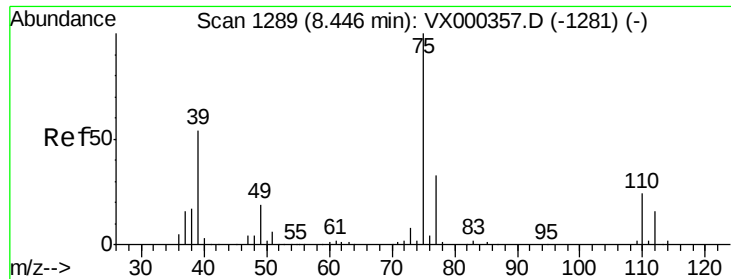
8.80

8.85

8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.59 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

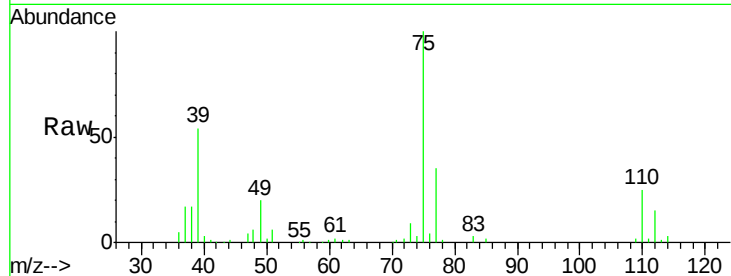
VX0323WBSD01

Tgt Ion: 75 Resp: 46248

Ion Ratio Lower Upper

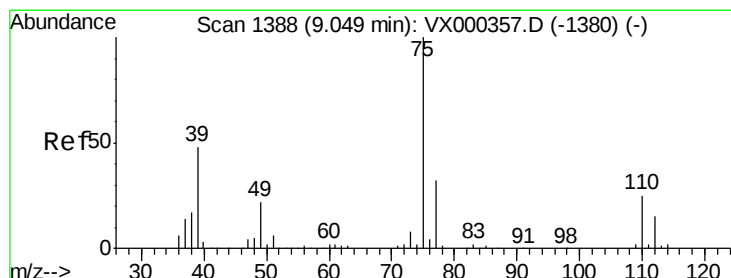
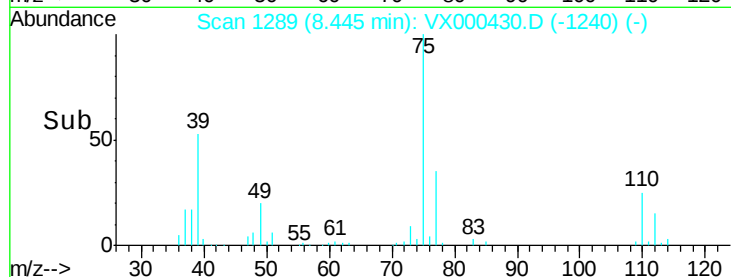
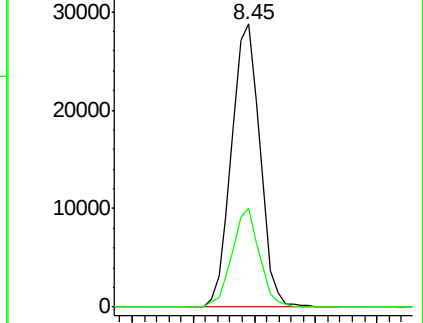
75 100

77 35.2 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.72 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

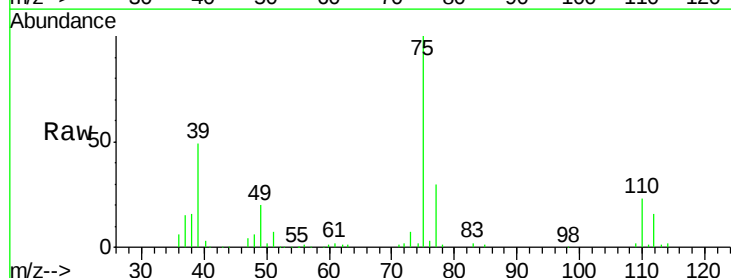
Tgt Ion: 75 Resp: 45127

Ion Ratio Lower Upper

75 100

77 30.4 26.1 39.1

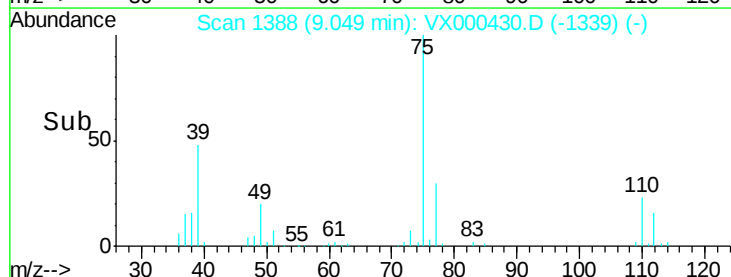
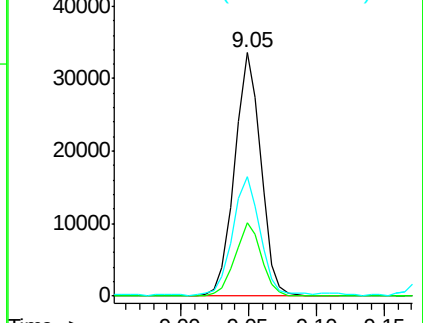
39 48.8 39.8 59.6

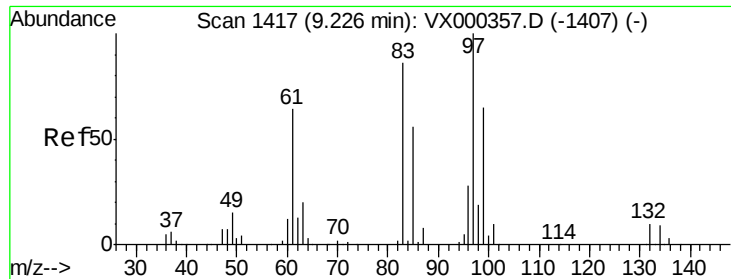


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

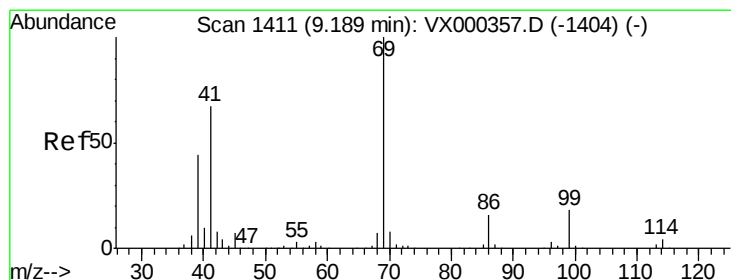
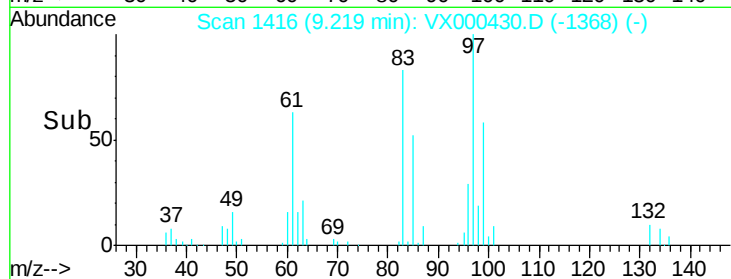
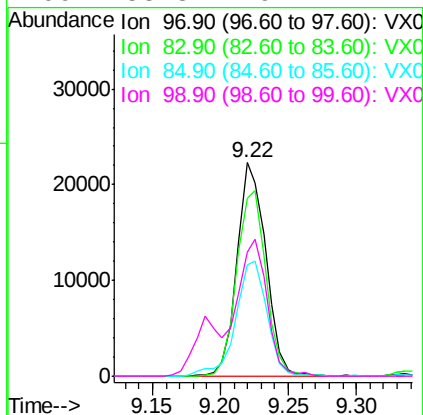
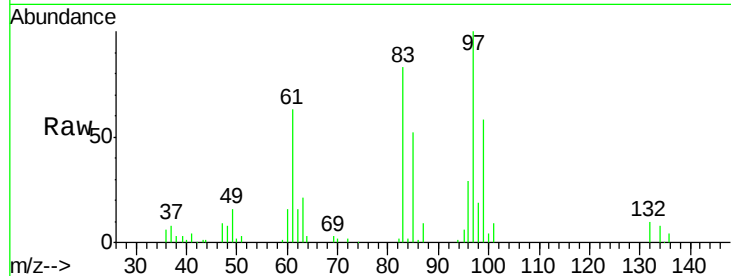




#55
 1,1,2-Trichloroethane
 Concen: 20.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

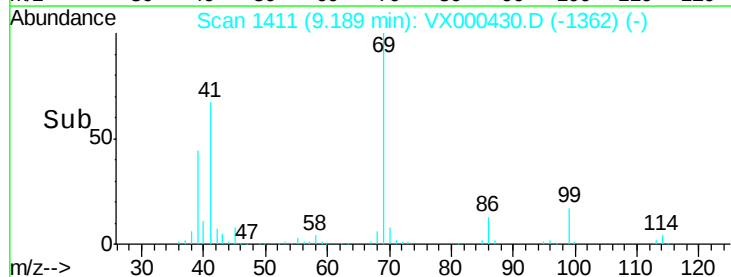
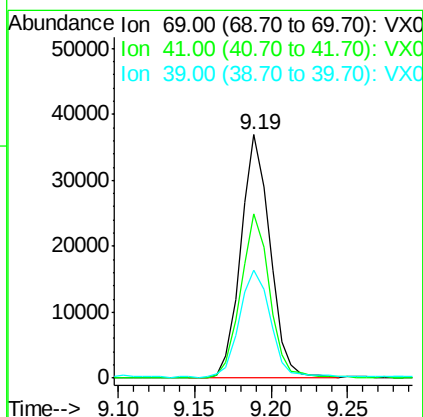
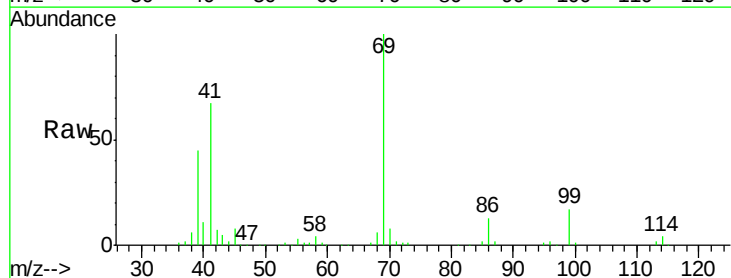
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

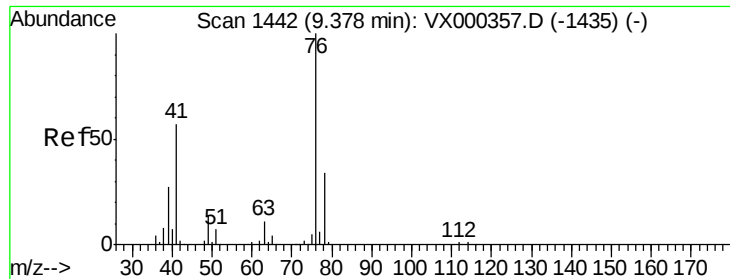
Tgt Ion:	97	Resp:	32960
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.9	101.9
85	52.2	42.8	64.2
99	58.3	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.52 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Tgt Ion:	69	Resp:	49009
Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.0	79.6
39	47.2	35.3	52.9





#57

1,3-Dichloropropane

Concen: 21.94 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

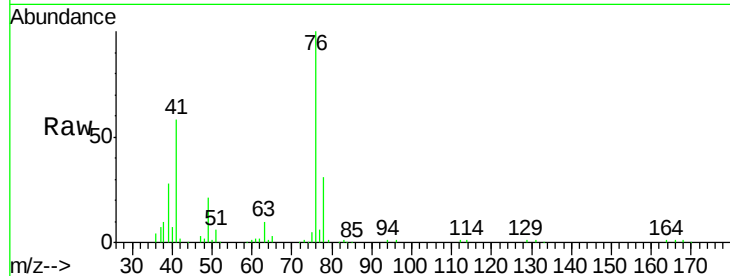
VX0323WBSD01

Tgt Ion: 76 Resp: 55317

Ion Ratio Lower Upper

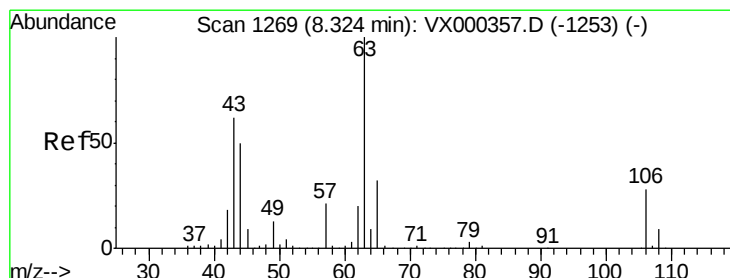
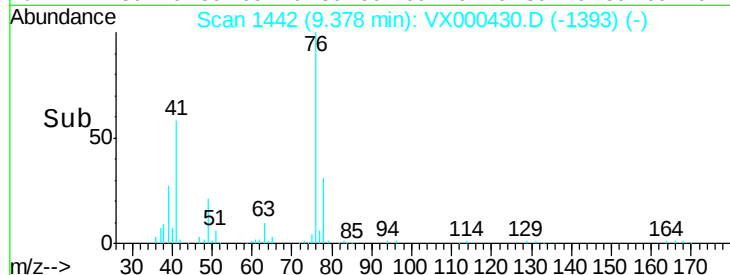
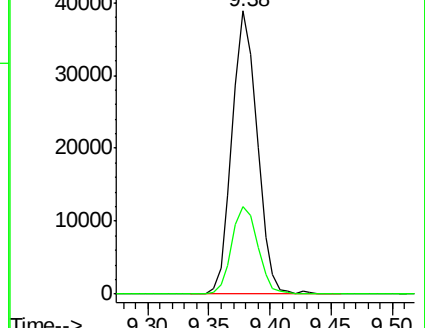
76 100

78 32.0 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: 98.53 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000430.D

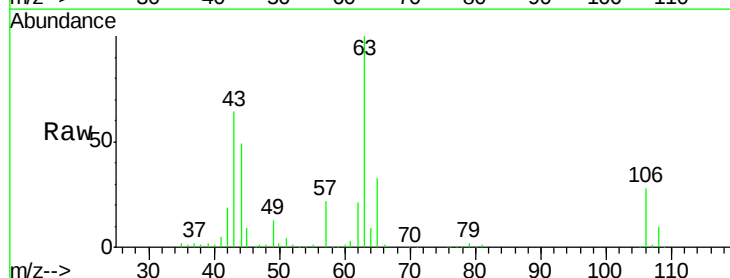
Acq: 23 Mar 2018 15:57

Tgt Ion: 63 Resp: 112941

Ion Ratio Lower Upper

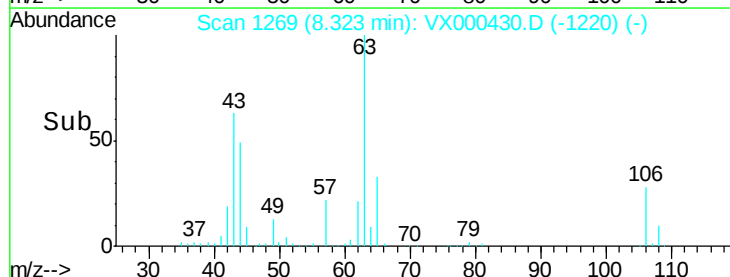
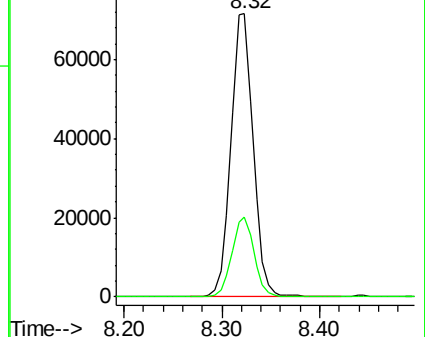
63 100

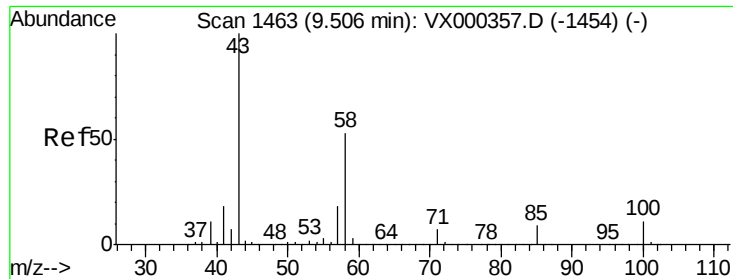
106 28.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

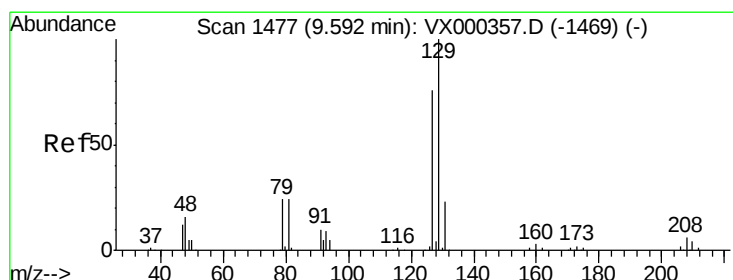
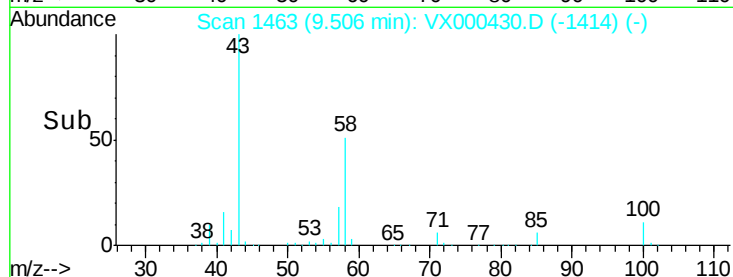
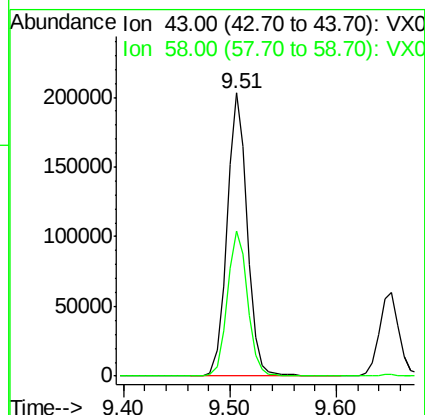
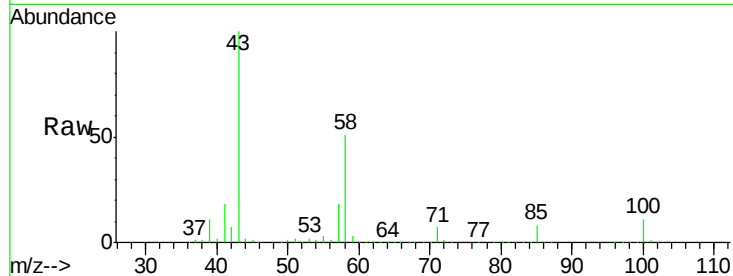




#59
2-Hexanone
Concen: 106.61 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

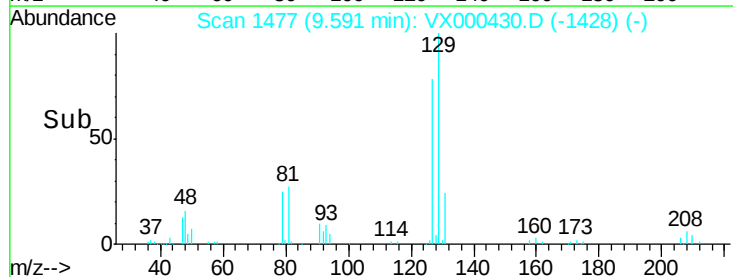
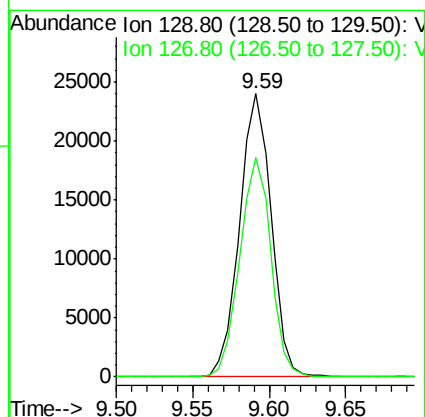
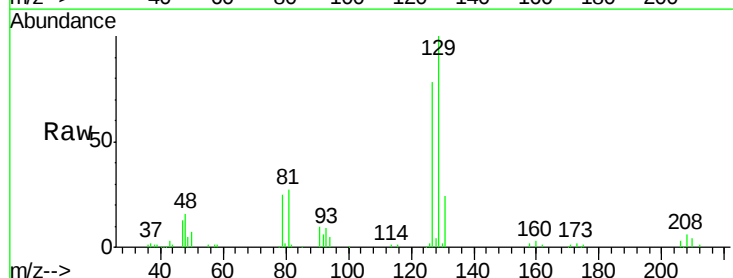
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

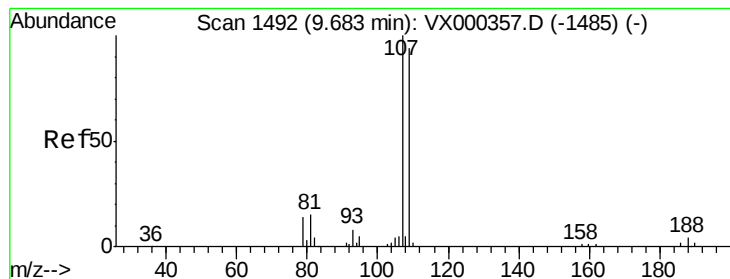
Tgt Ion: 43 Resp: 268957
Ion Ratio Lower Upper
43 100
58 51.9 26.6 79.7



#60
Dibromochloromethane
Concen: 21.05 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion: 129 Resp: 34426
Ion Ratio Lower Upper
129 100
127 76.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.35 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

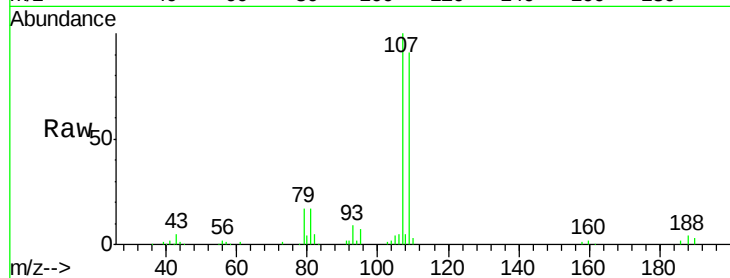
VX0323WBSD01

Tgt Ion: 107 Resp: 34399

Ion Ratio Lower Upper

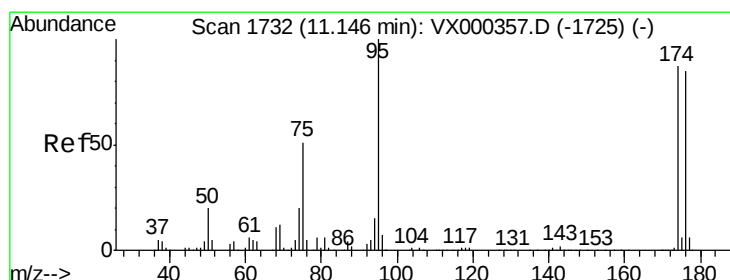
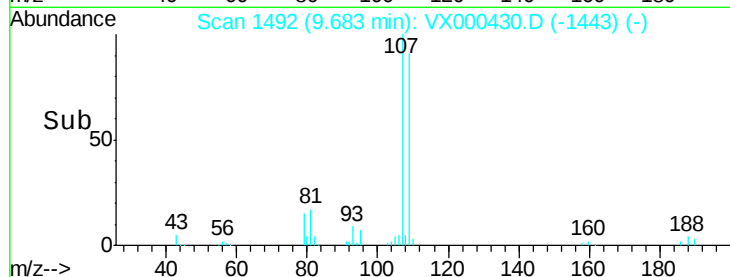
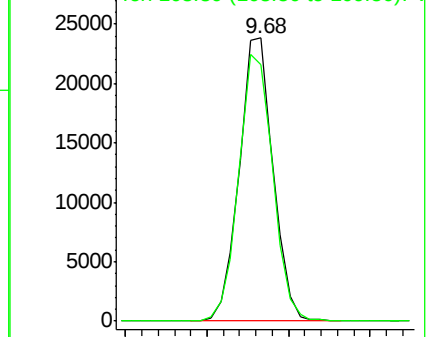
107 100

109 95.3 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: 44.70 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

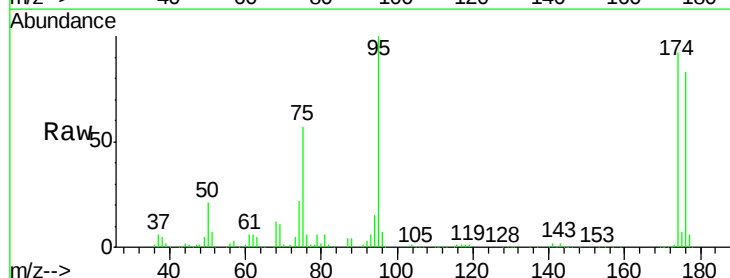
Tgt Ion: 95 Resp: 97699

Ion Ratio Lower Upper

95 100

174 92.9 0.0 173.6

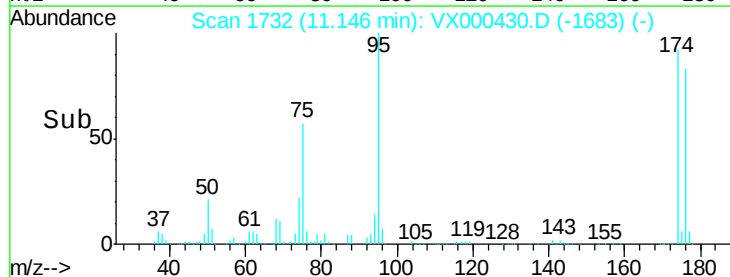
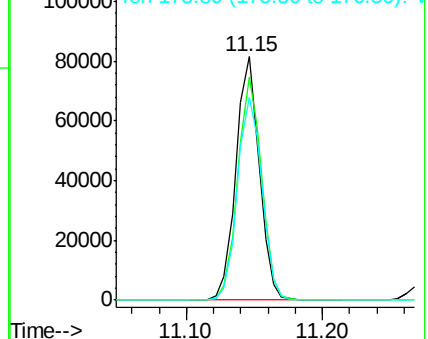
176 86.8 0.0 164.6

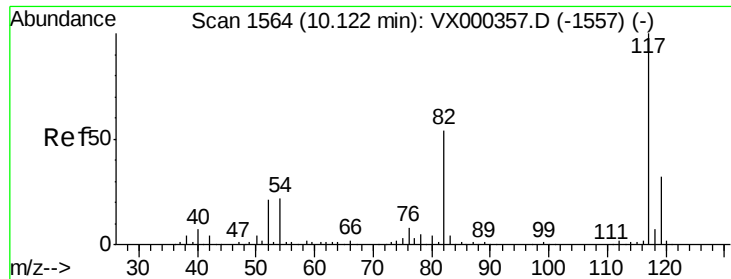


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

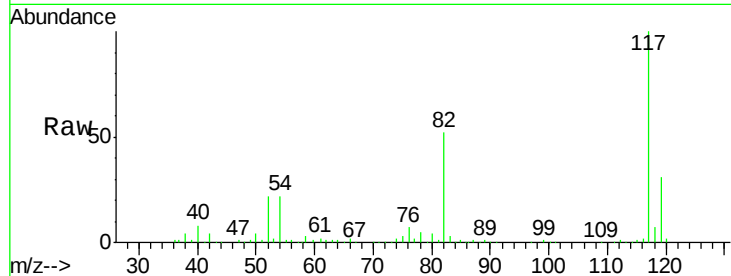




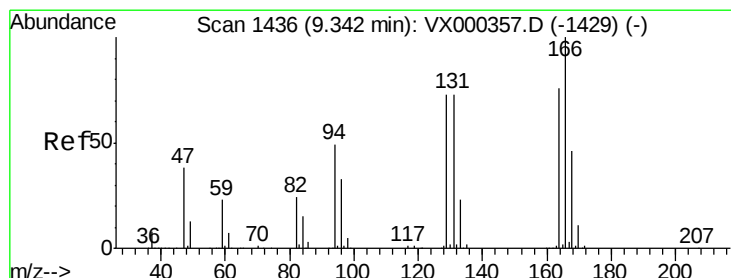
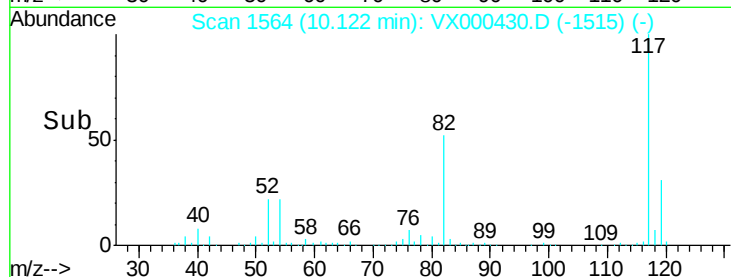
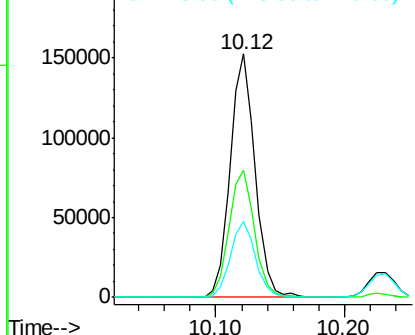
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

Tgt Ion:117 Resp: 206268
Ion Ratio Lower Upper
117 100
82 52.3 43.8 65.8
119 31.1 24.9 37.3

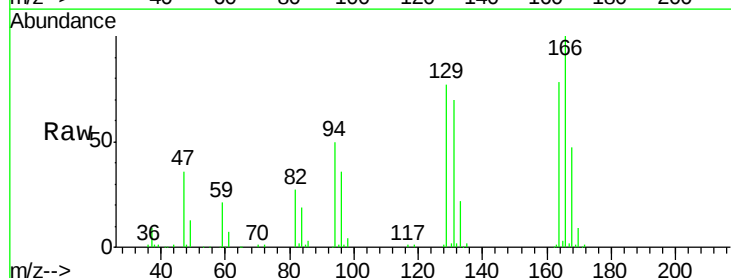


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

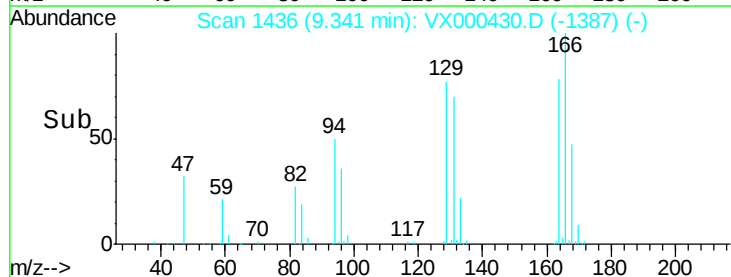
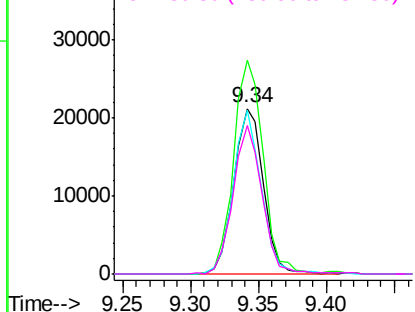


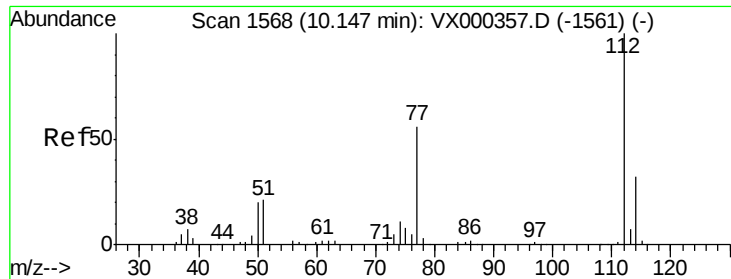
#64
Tetrachloroethene
Concen: 20.13 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion:164 Resp: 32214
Ion Ratio Lower Upper
164 100
166 128.9 101.0 151.6
129 98.6 79.0 118.4
131 89.7 71.9 107.9



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

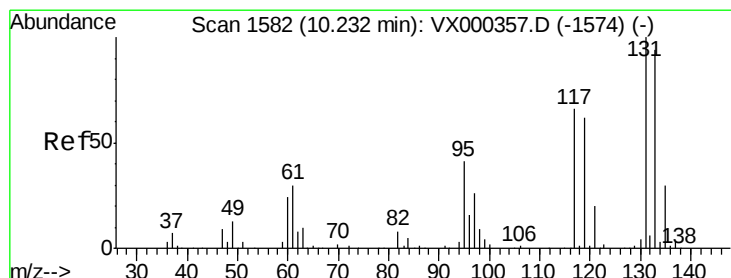
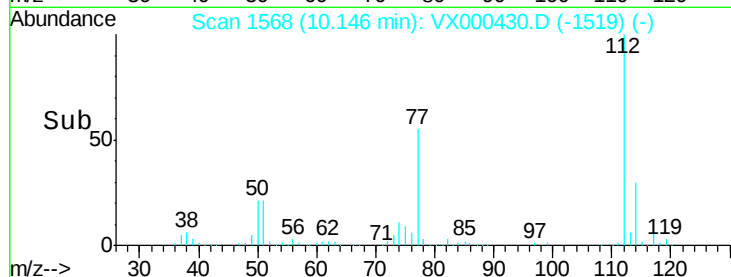
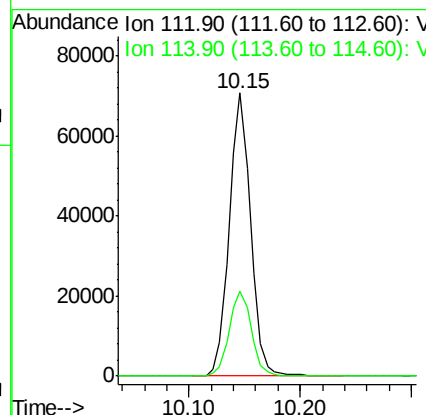
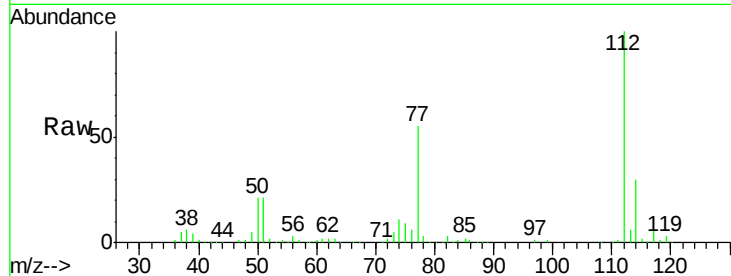




#65
Chlorobenzene
Concen: 20.43 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

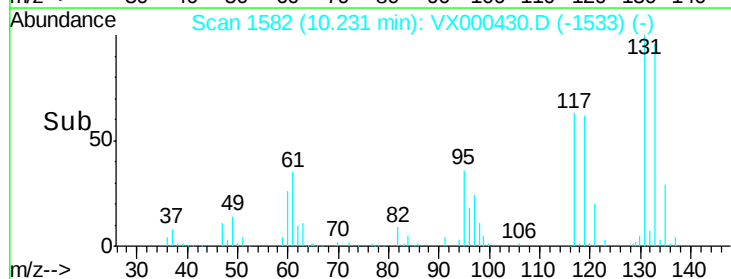
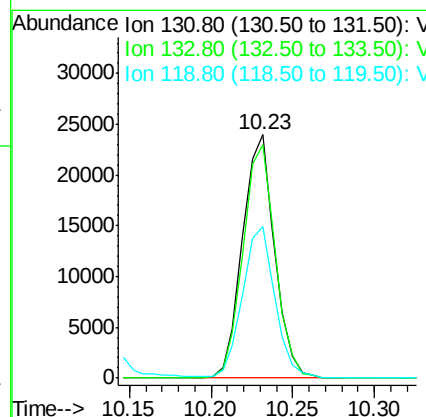
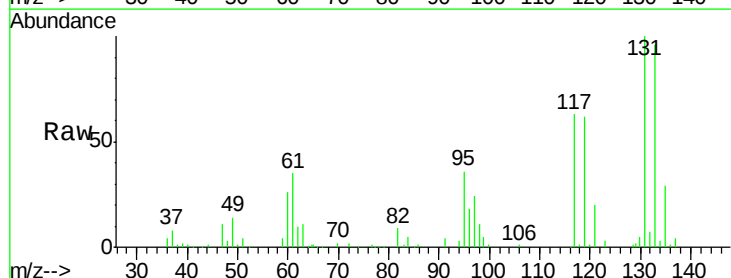
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

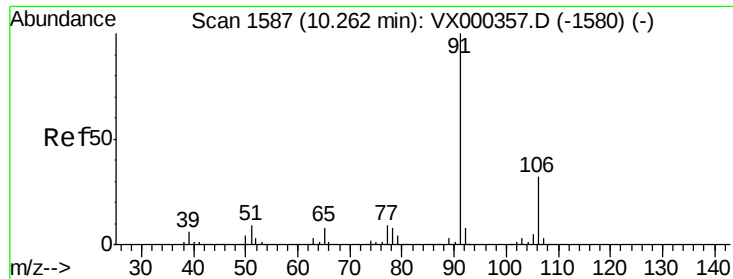
Tgt Ion:112 Resp: 93779
Ion Ratio Lower Upper
112 100
114 29.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.14 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion:131 Resp: 32956
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.3
119 63.1 33.1 99.2

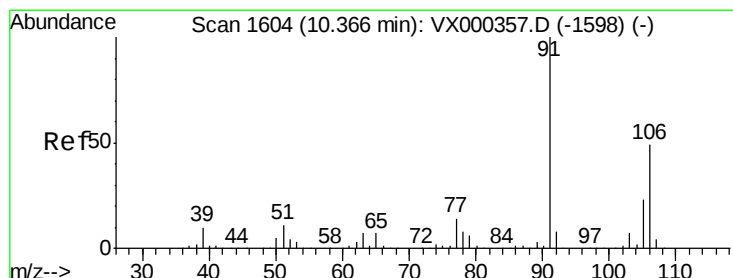
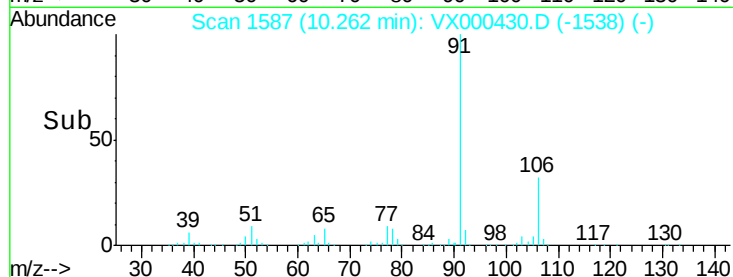
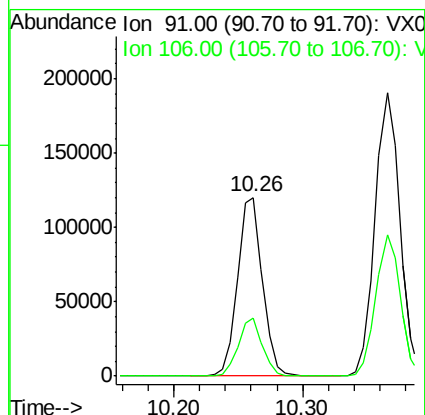
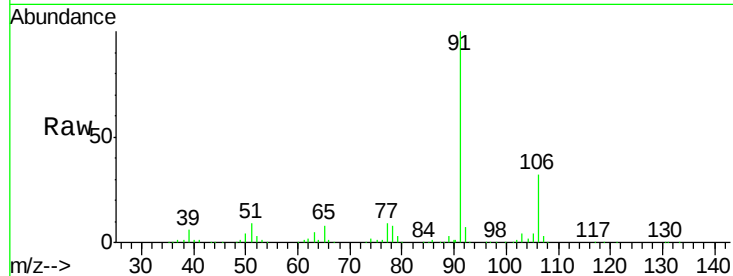




#67
Ethyl Benzene
Concen: 20.78 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

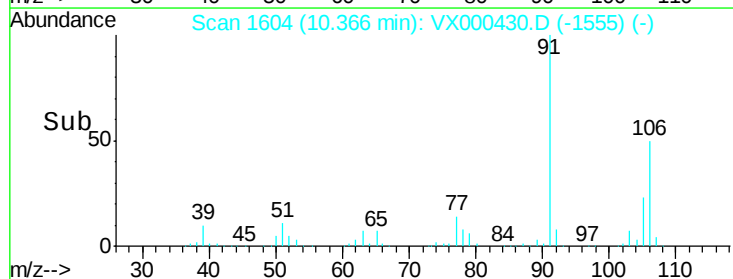
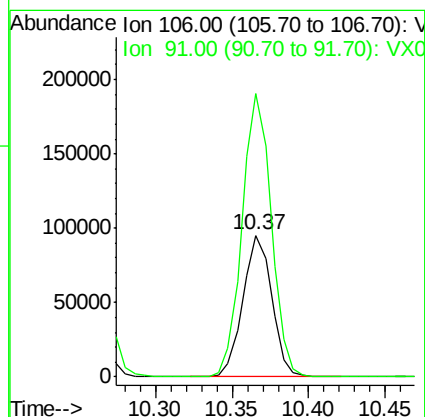
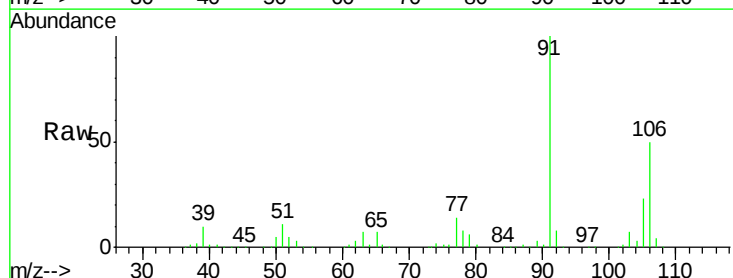
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

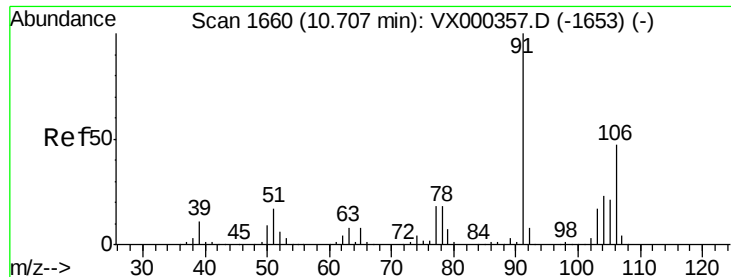
Tgt Ion: 91 Resp: 161725
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6



#68
m/p-Xylenes
Concen: 40.78 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion: 106 Resp: 124880
Ion Ratio Lower Upper
106 100
91 202.3 163.4 245.2

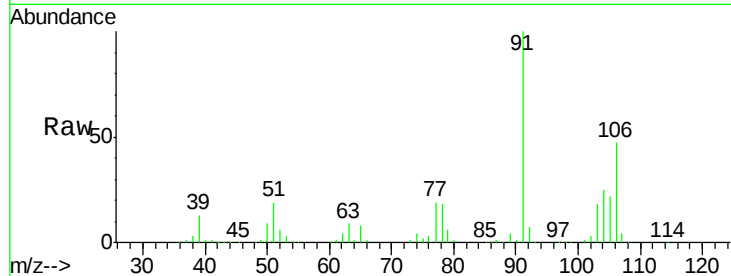




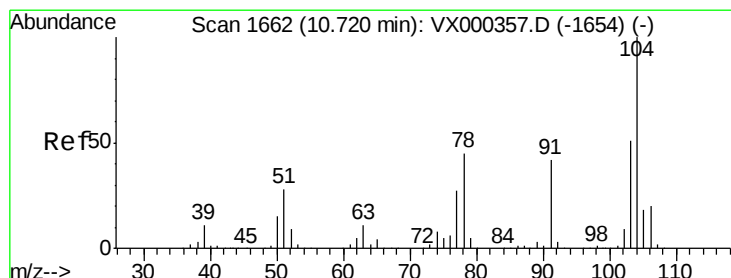
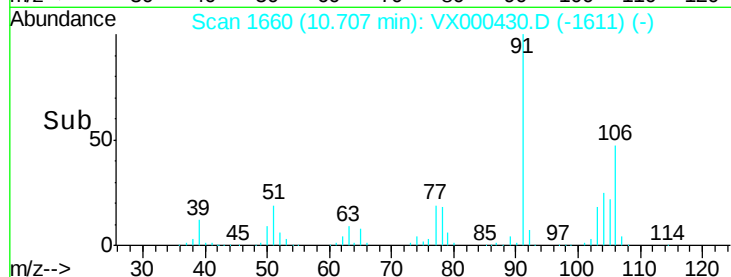
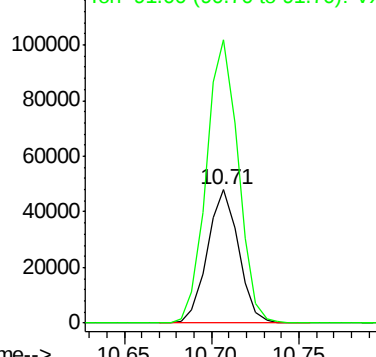
#69
o-Xylene
Concen: 20.15 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

Tgt Ion:106 Resp: 59730
Ion Ratio Lower Upper
106 100
91 217.2 106.5 319.6

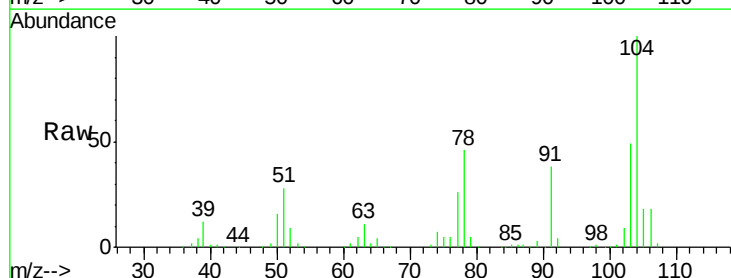


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

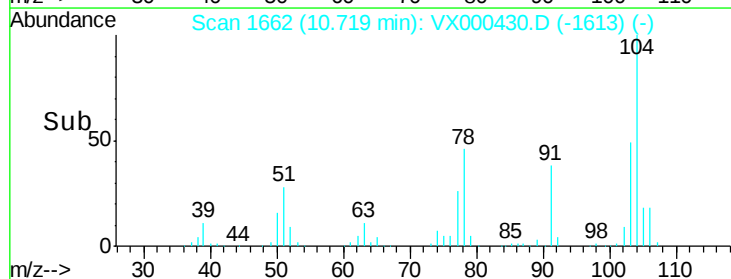
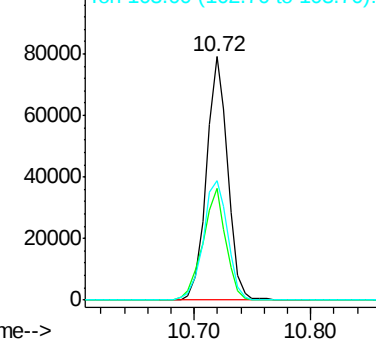


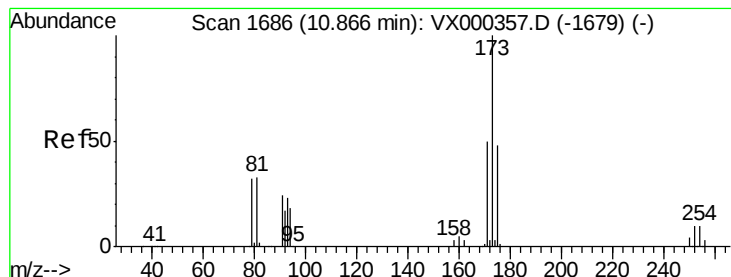
#70
Styrene
Concen: 20.42 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion:104 Resp: 100194
Ion Ratio Lower Upper
104 100
78 49.6 40.5 60.7
103 56.2 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.65 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

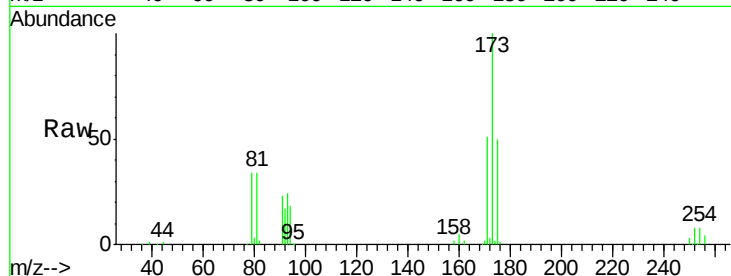
Tgt Ion:173 Resp: 26725

Ion Ratio Lower Upper

173 100

175 48.9 25.4 76.4

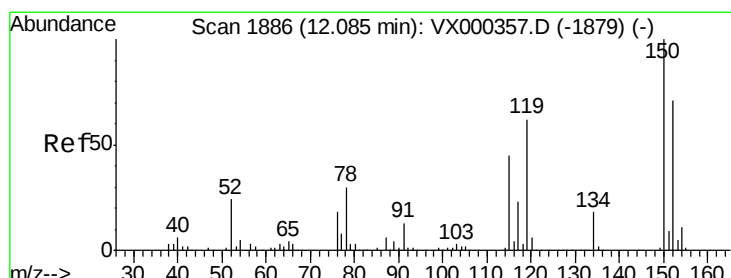
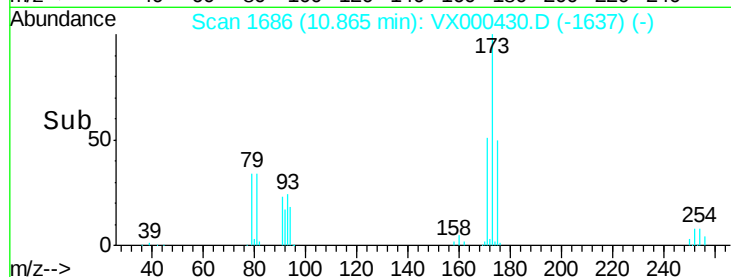
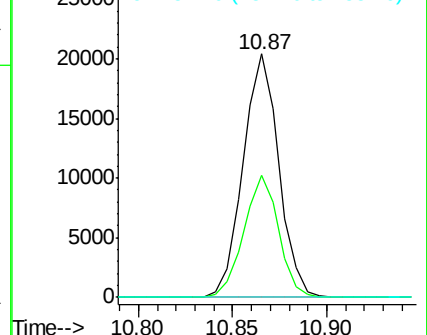
254 0.0 0.0 0.0



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

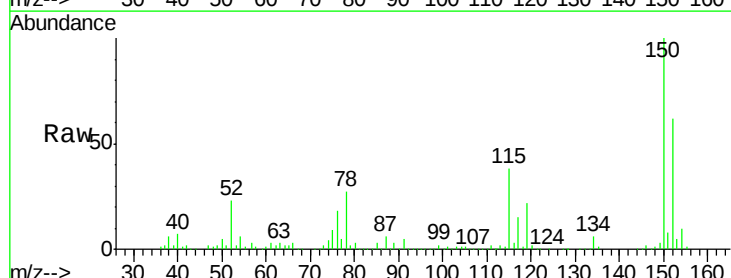
Tgt Ion:152 Resp: 113727

Ion Ratio Lower Upper

152 100

115 67.9 39.8 119.3

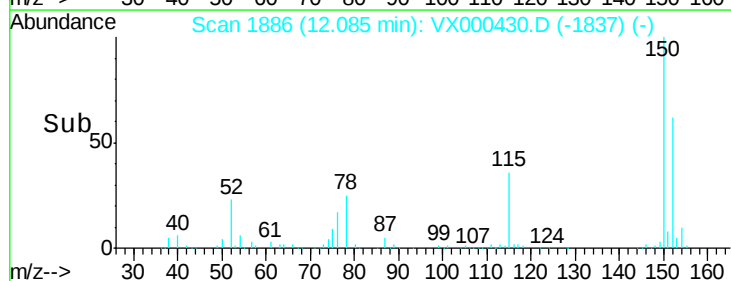
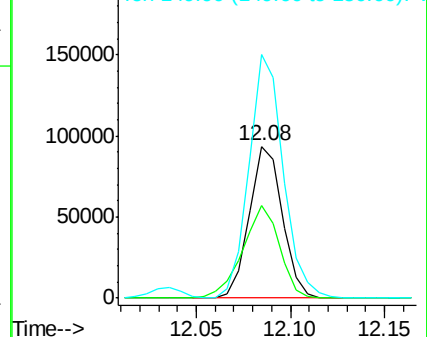
150 166.6 0.0 344.4

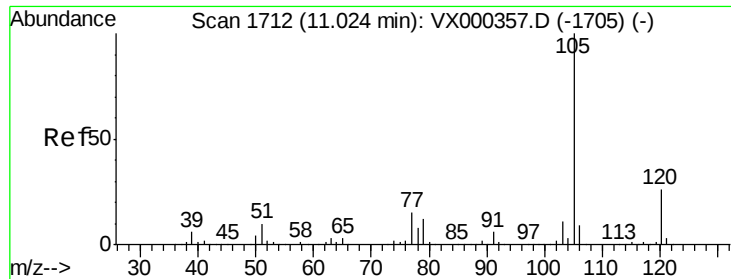


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

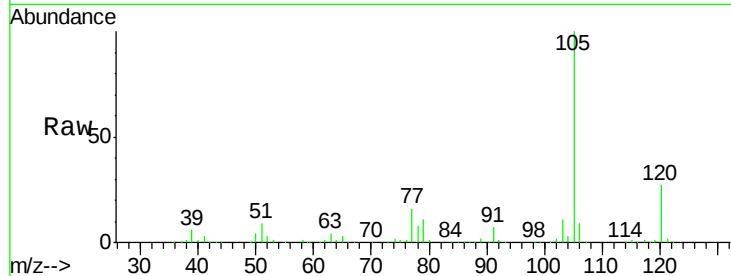
VX0323WBSD01

Tgt Ion:105 Resp: 165652

Ion Ratio Lower Upper

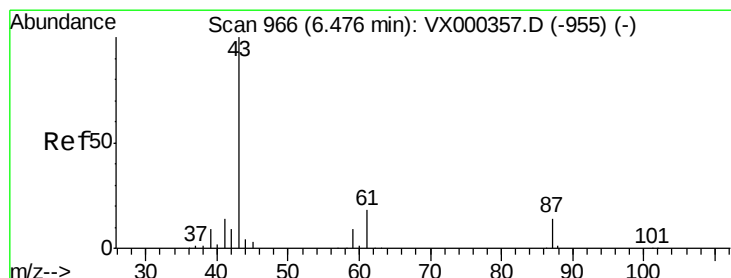
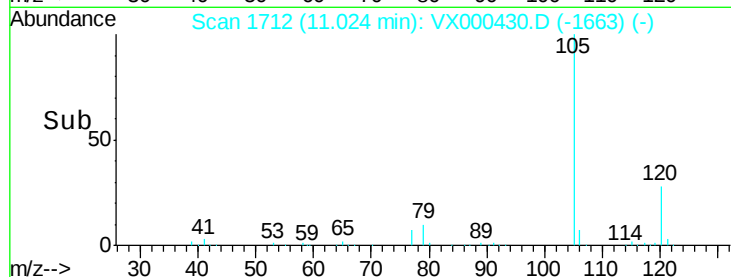
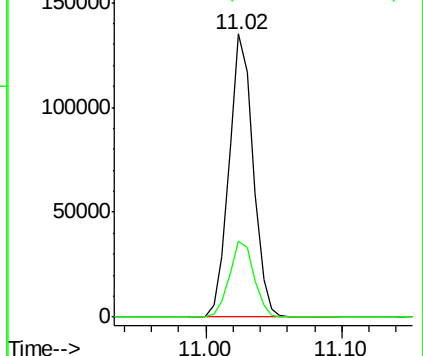
105 100

120 27.7 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: 22.26 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Tgt Ion: 43 Resp: 79114

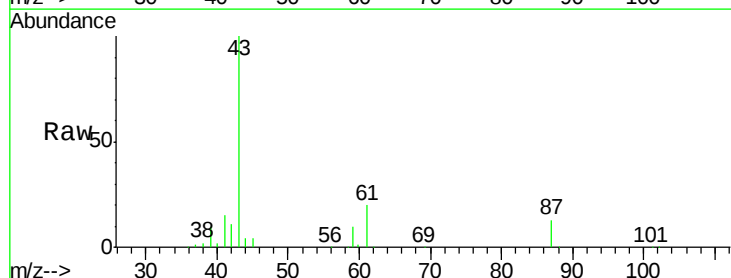
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.3 14.4 21.6

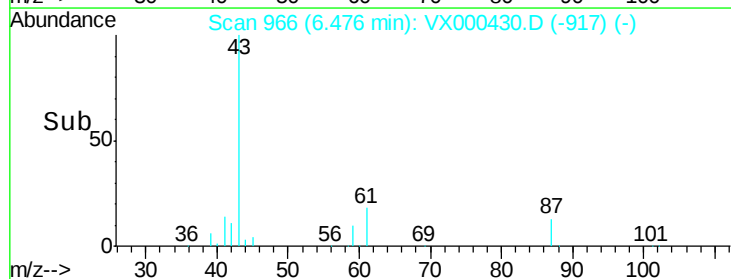
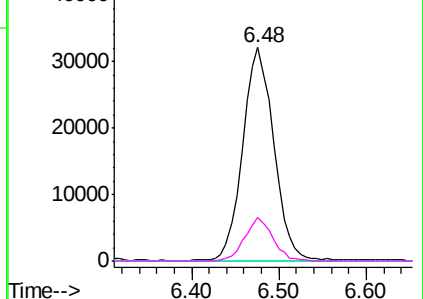


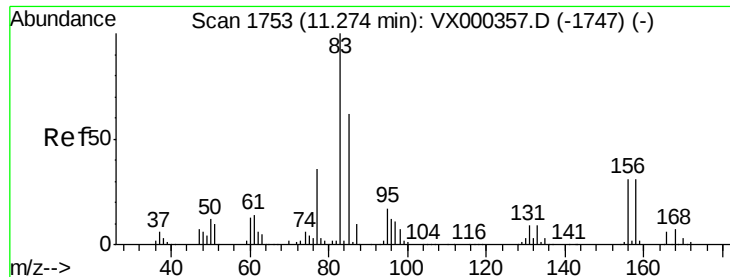
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.52 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

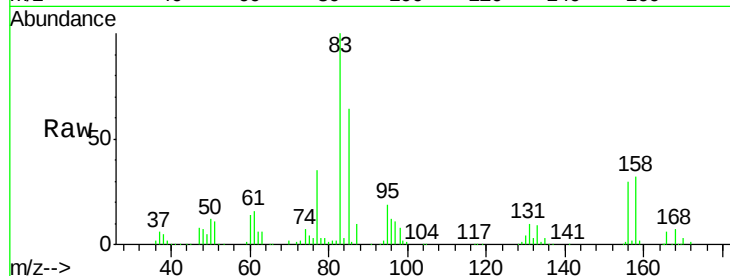
Tgt Ion: 83 Resp: 60033

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

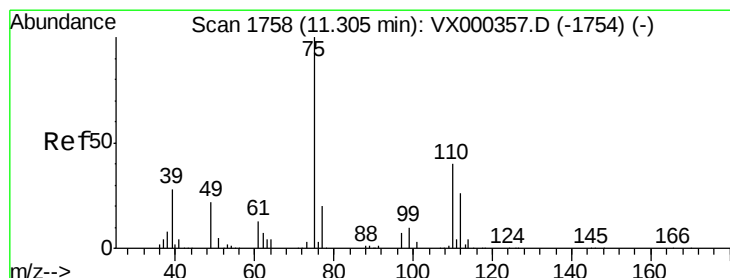
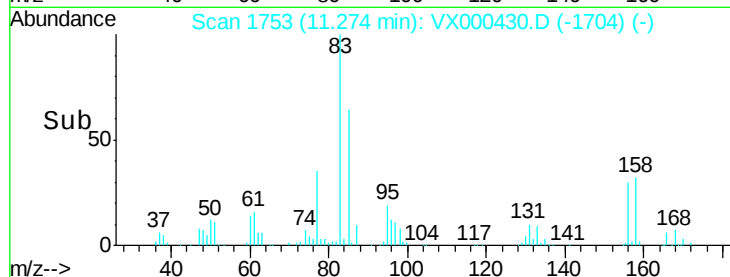
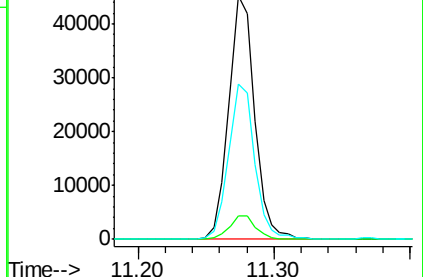
85 64.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.72 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000430.D

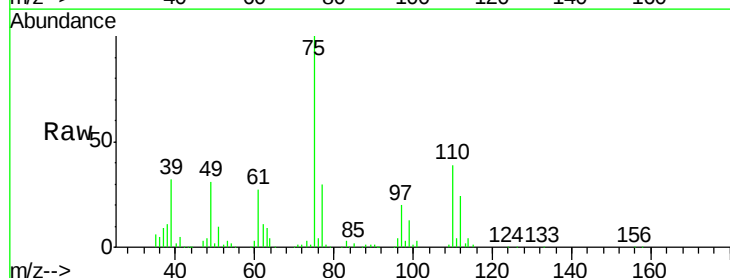
Acq: 23 Mar 2018 15:57

Tgt Ion: 75 Resp: 67751

Ion Ratio Lower Upper

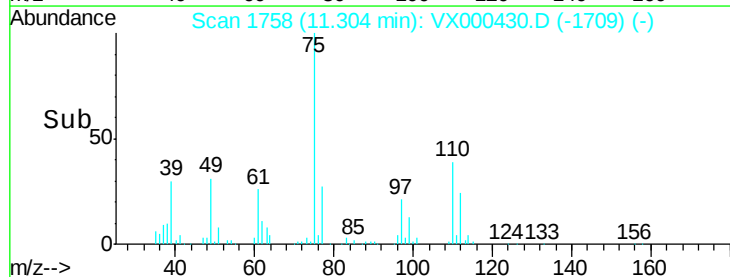
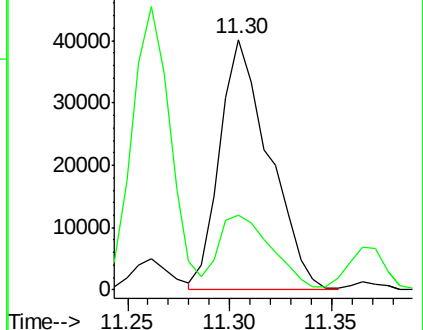
75 100

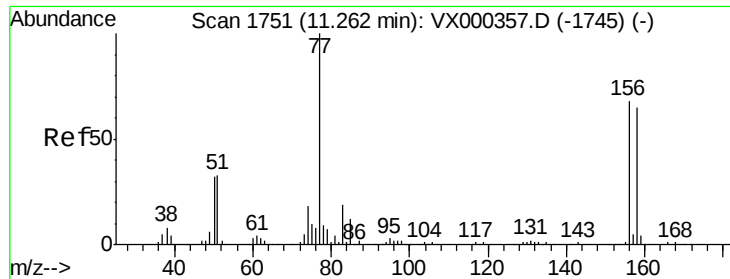
77 31.8 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.05 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

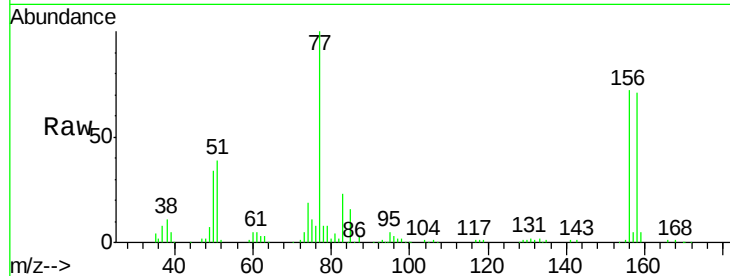
Tgt Ion:156 Resp: 42263

Ion Ratio Lower Upper

156 100

77 140.6 73.4 220.2

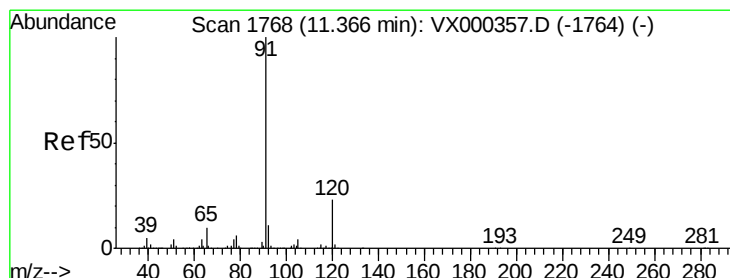
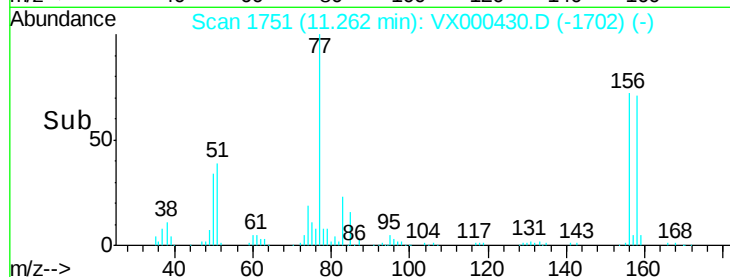
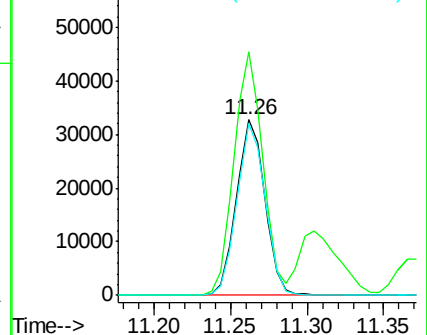
158 97.2 48.5 145.6



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: 21.78 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000430.D

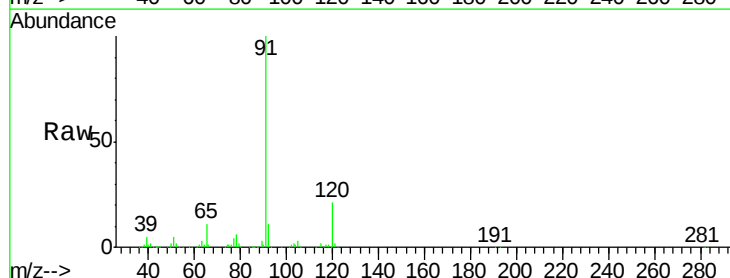
Acq: 23 Mar 2018 15:57

Tgt Ion: 91 Resp: 195652

Ion Ratio Lower Upper

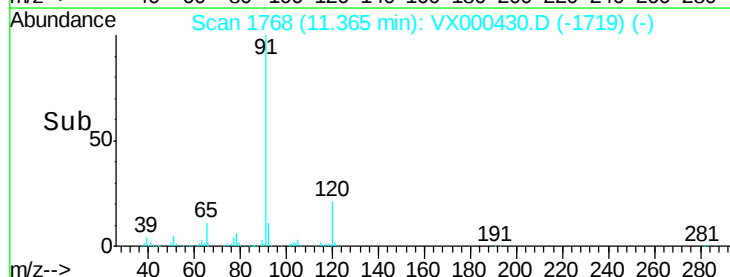
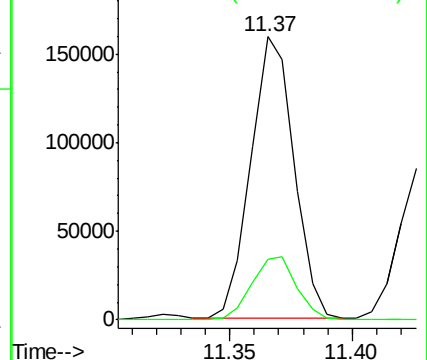
91 100

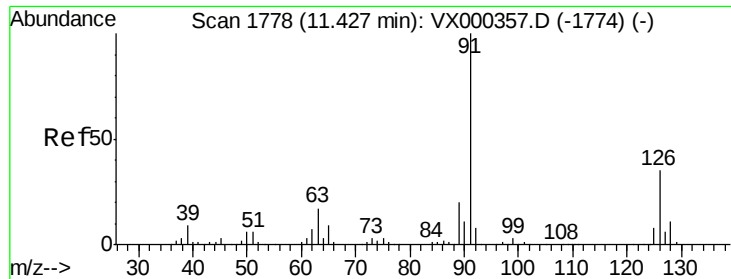
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

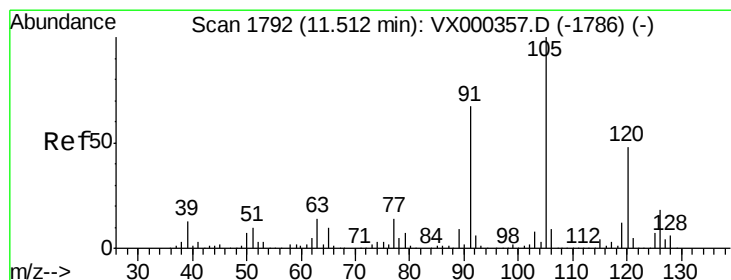
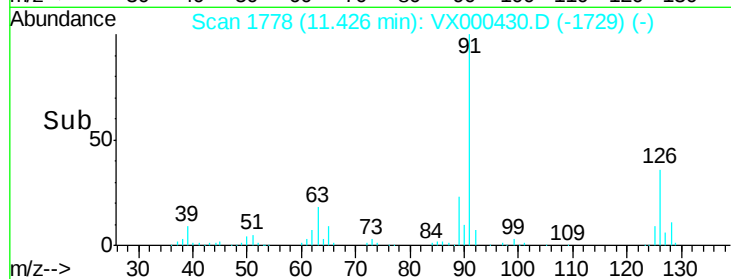
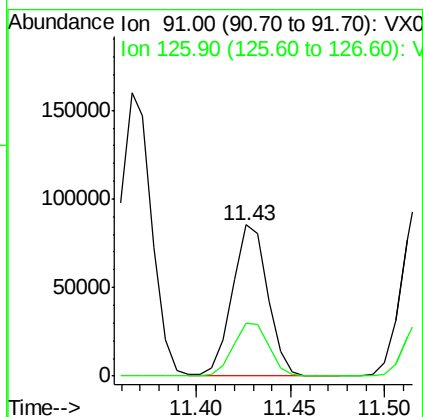
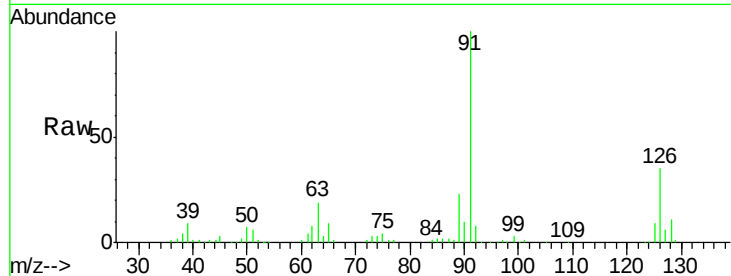




#79
 2-Chlorotoluene
 Concen: 21.28 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

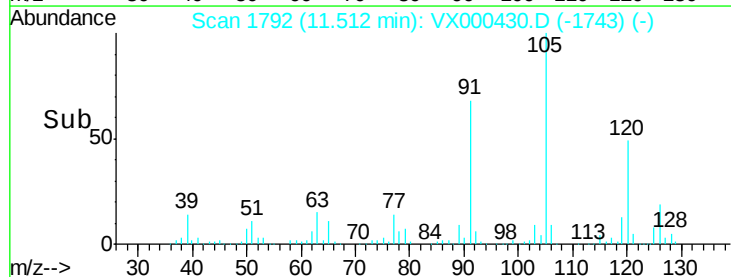
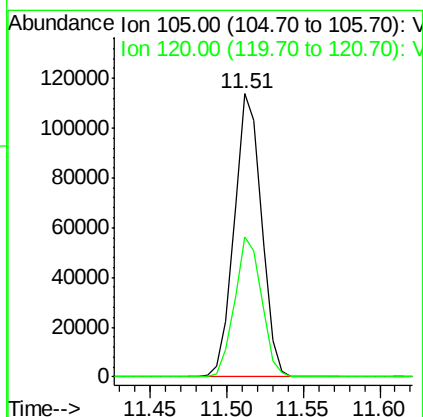
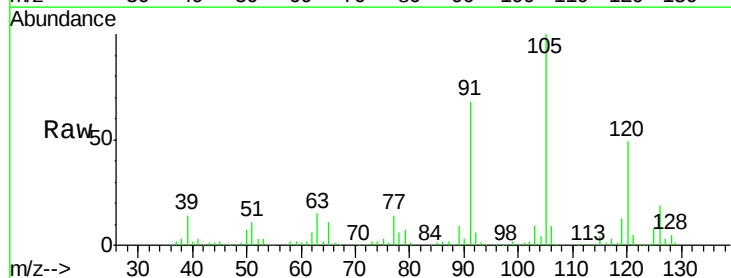
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

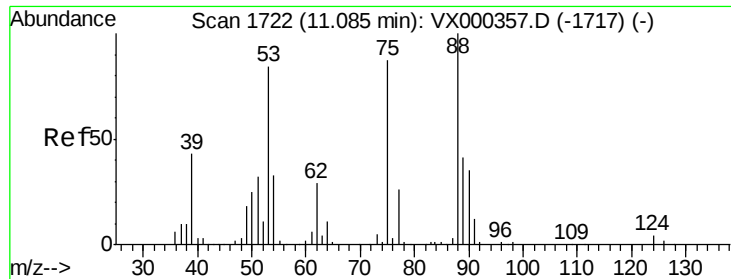
Tgt Ion: 91 Resp: 110468
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 22.17 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Tgt Ion: 105 Resp: 140442
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.75 ug/l

RT: 11.08 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

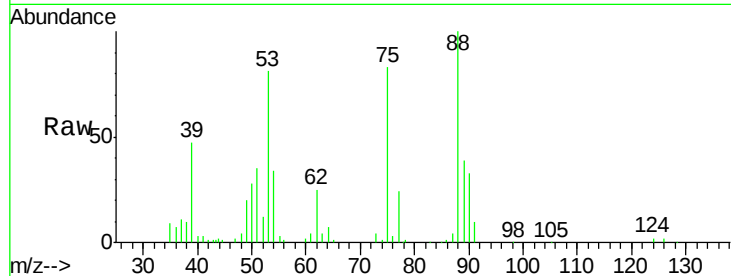
Tgt Ion: 75 Resp: 15665

Ion Ratio Lower Upper

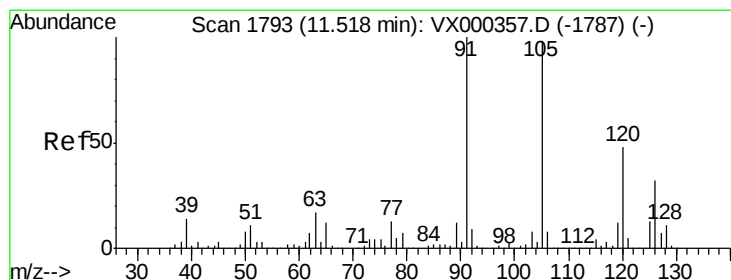
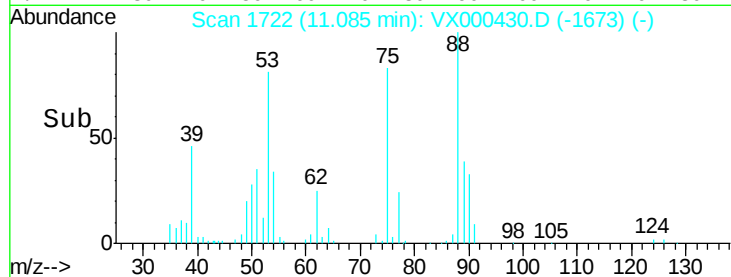
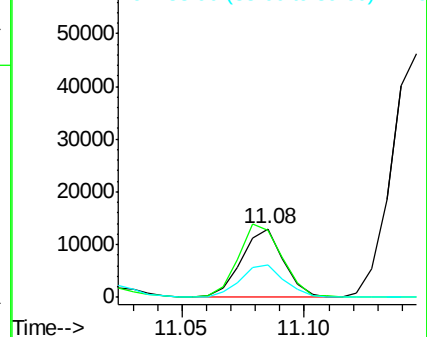
75 100

53 110.4 80.7 121.1

89 49.1 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: 21.27 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000430.D

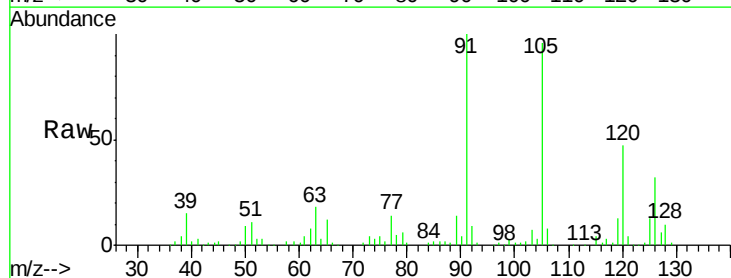
Acq: 23 Mar 2018 15:57

Tgt Ion: 91 Resp: 131819

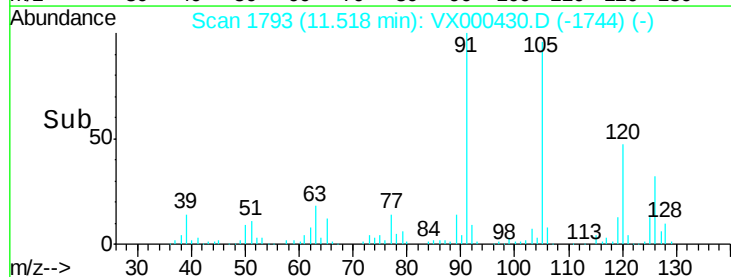
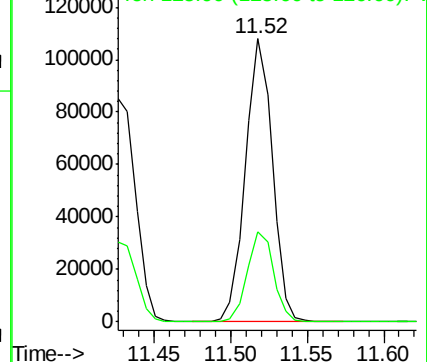
Ion Ratio Lower Upper

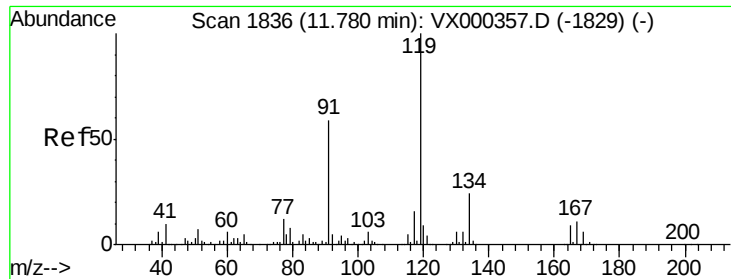
91 100

126 31.2 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

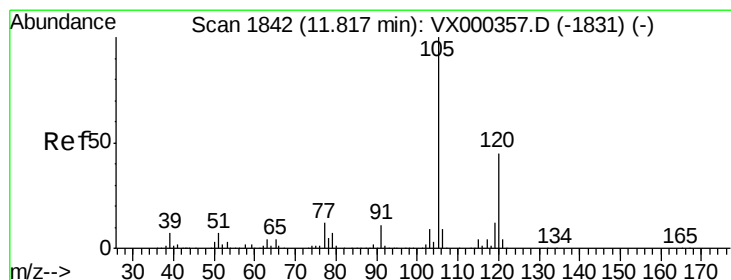
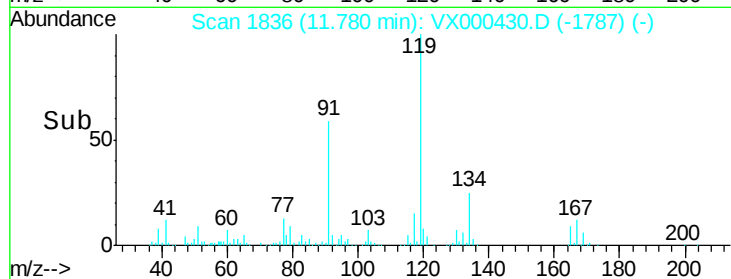
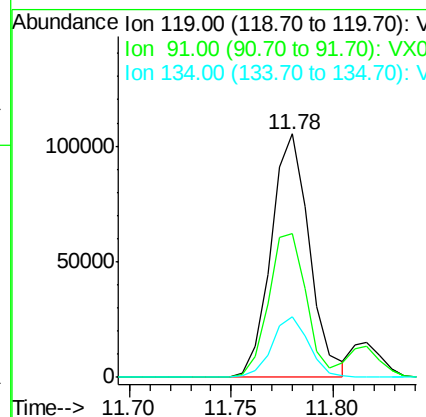
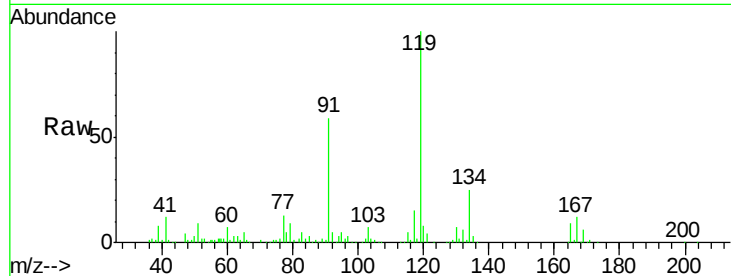




#83
 tert-Butylbenzene
 Concen: 21.62 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

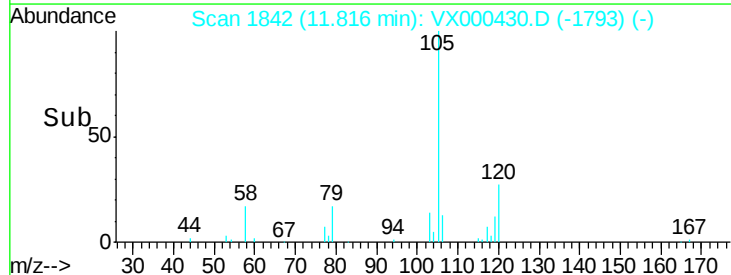
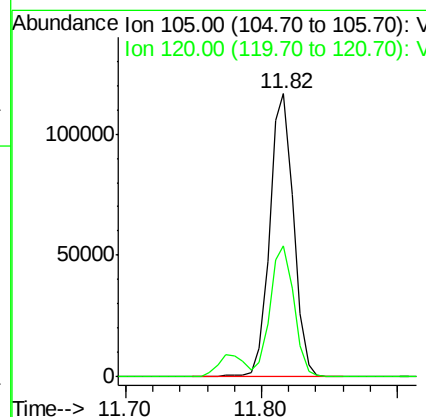
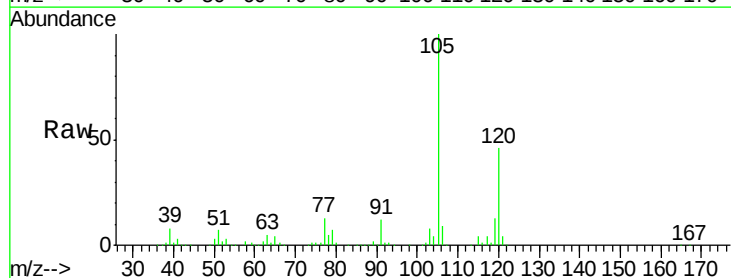
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

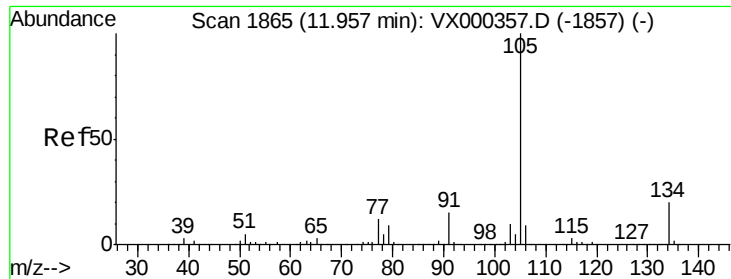
Tgt Ion:119 Resp: 138161
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.8 86.4
 134 23.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.66 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Tgt Ion:105 Resp: 143897
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.4 67.3

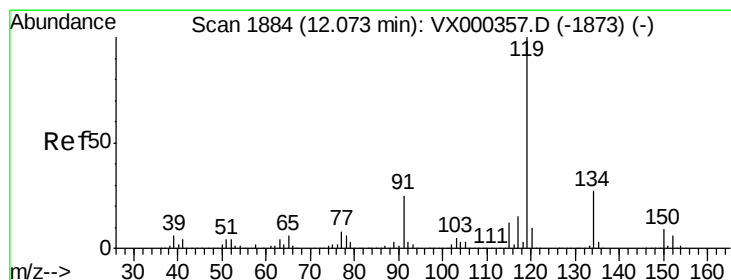
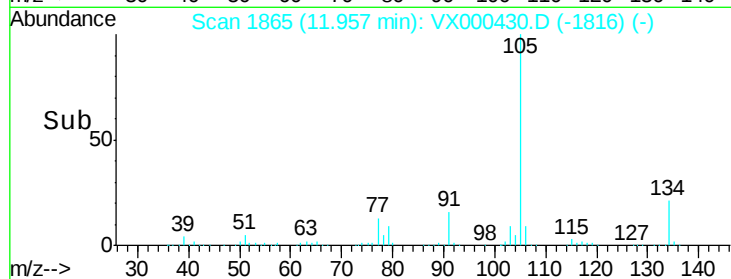
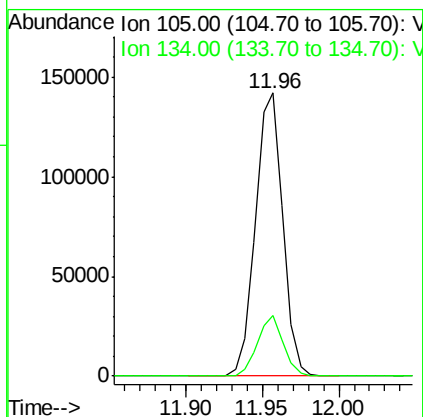
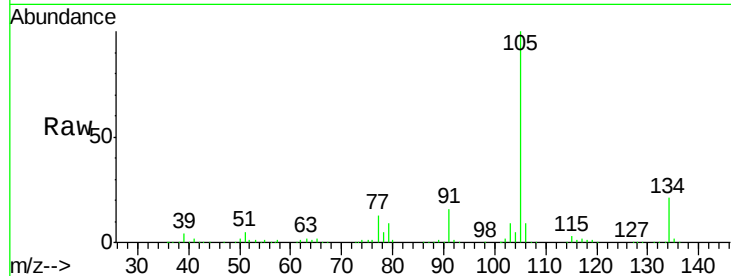




#85
 sec-Butylbenzene
 Concen: 22.26 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

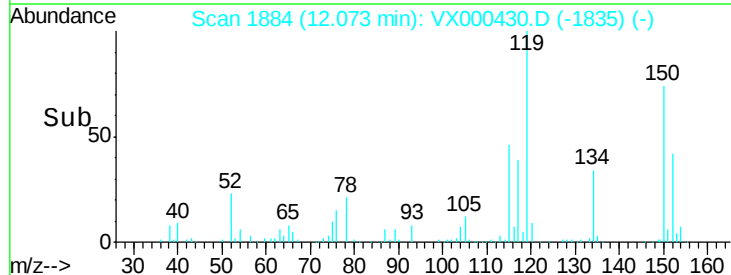
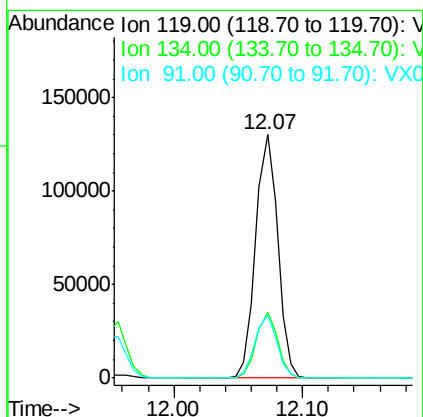
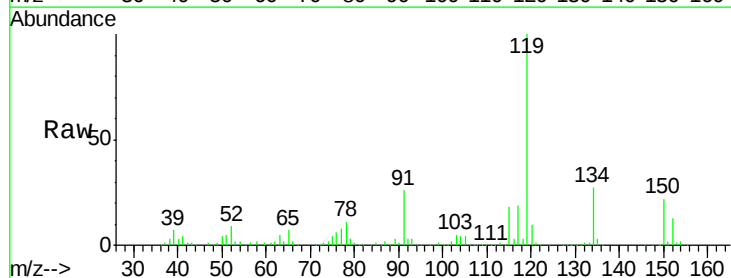
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

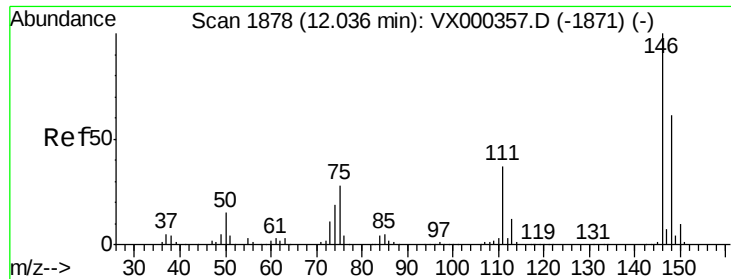
Tgt Ion:105 Resp: 175981
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.82 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Tgt Ion:119 Resp: 153191
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 25.9 12.0 36.1

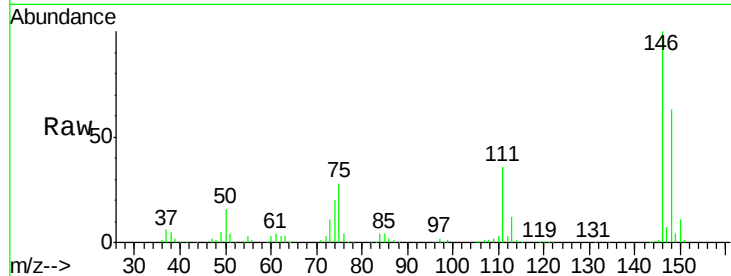




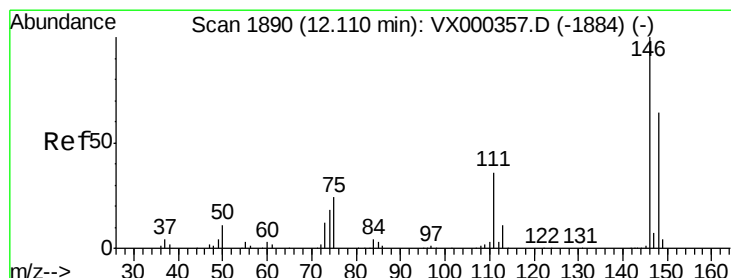
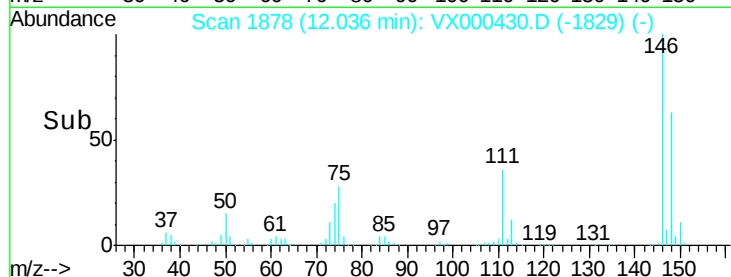
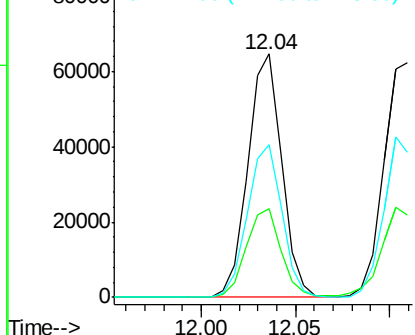
#87
 1,3-Dichlorobenzene
 Concen: 21.18 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

Tgt Ion:146 Resp: 80402
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.5 58.5
 148 63.6 32.4 97.0

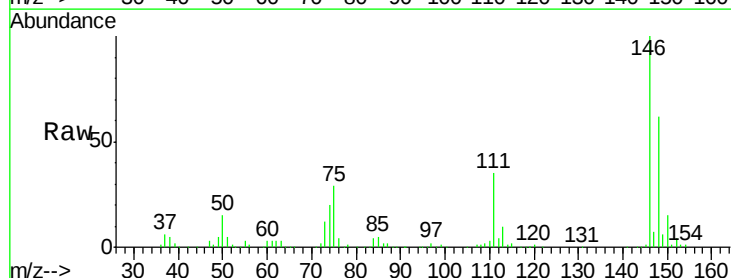


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

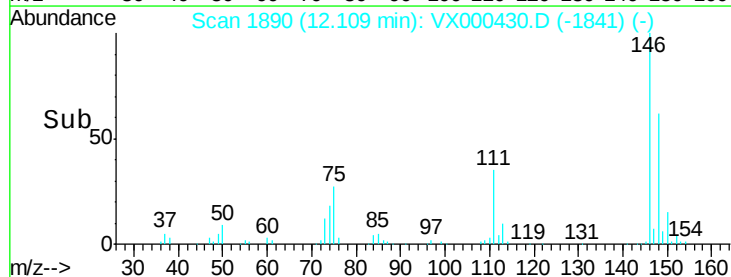
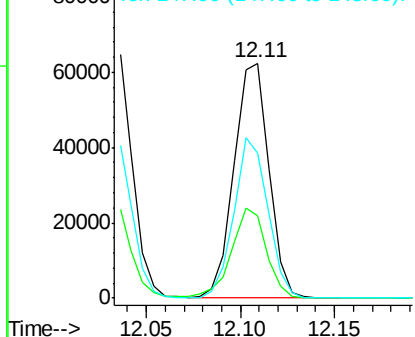


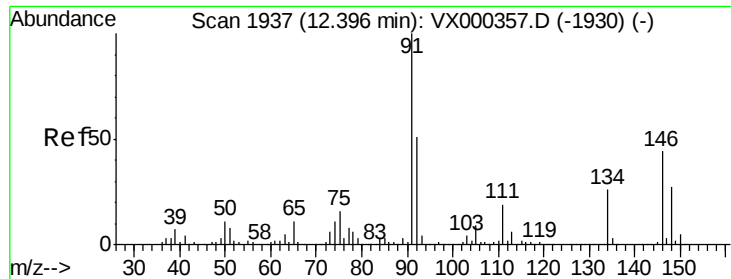
#88
 1,4-Dichlorobenzene
 Concen: 20.17 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Tgt Ion:146 Resp: 80381
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.9
 148 65.9 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.85 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

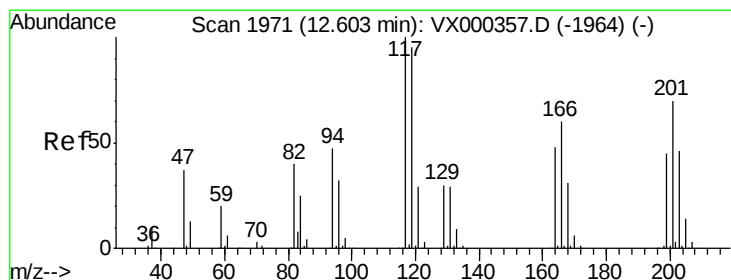
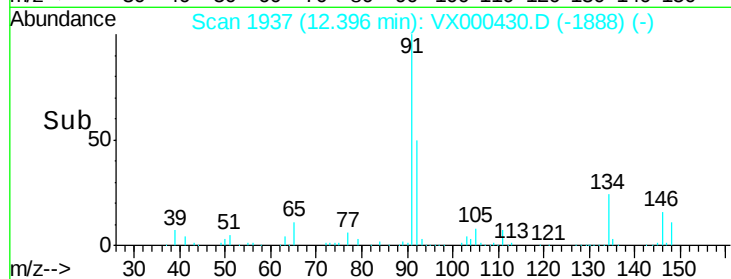
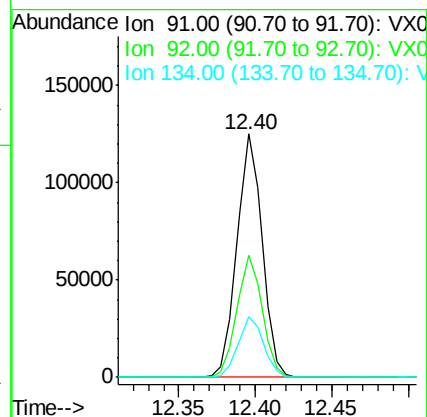
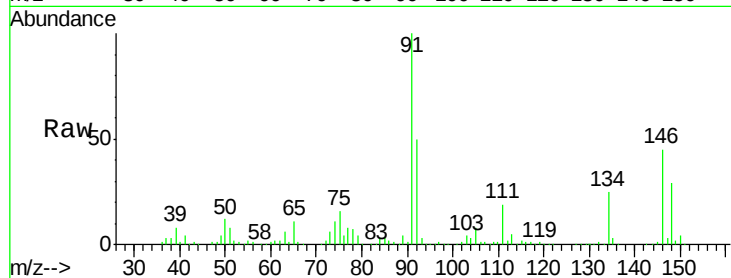
Tgt Ion: 91 Resp: 142839

Ion Ratio Lower Upper

91 100

92 50.2 25.9 77.8

134 25.1 13.1 39.3



#90

Hexachloroethane

Concen: 22.26 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000430.D

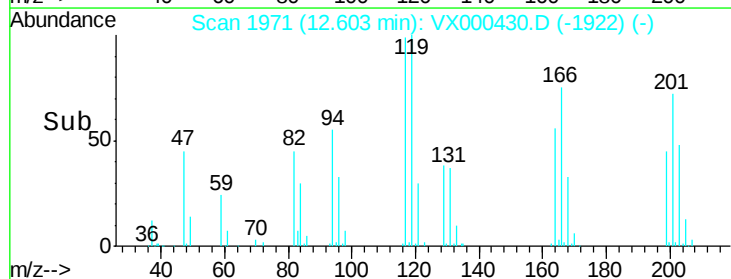
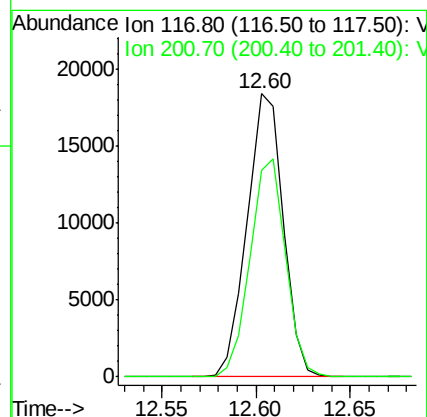
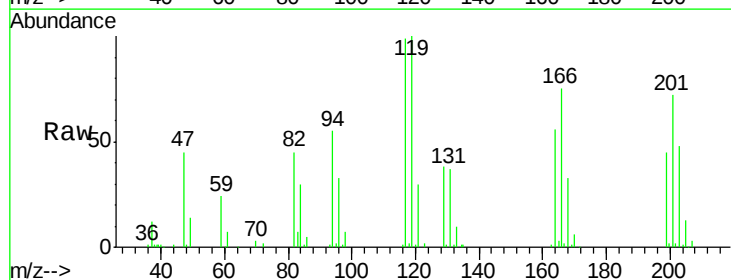
Acq: 23 Mar 2018 15:57

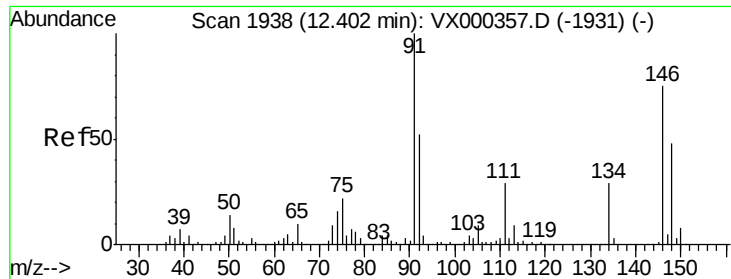
Tgt Ion: 117 Resp: 24607

Ion Ratio Lower Upper

117 100

201 75.6 37.9 113.6

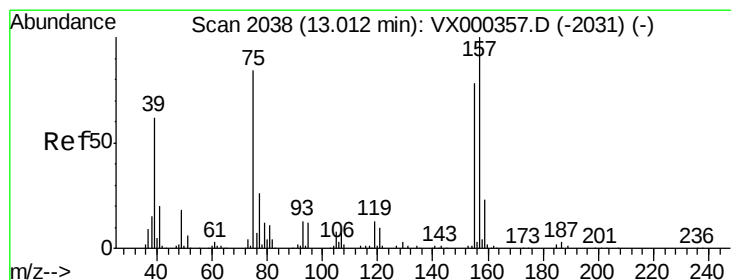
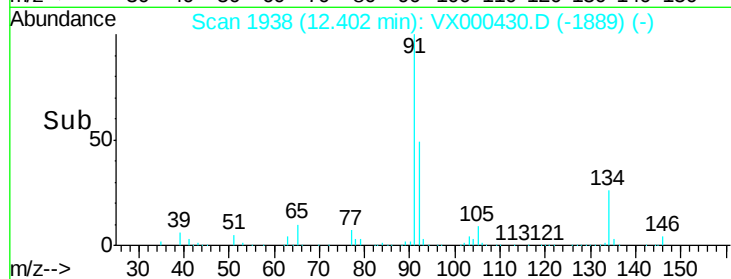
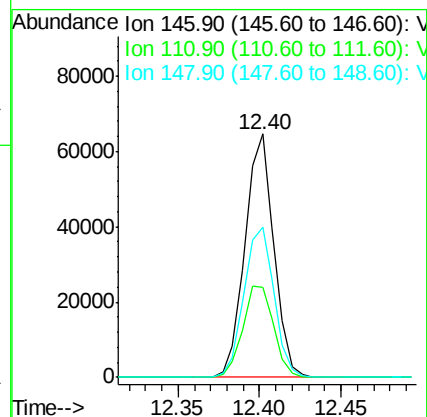
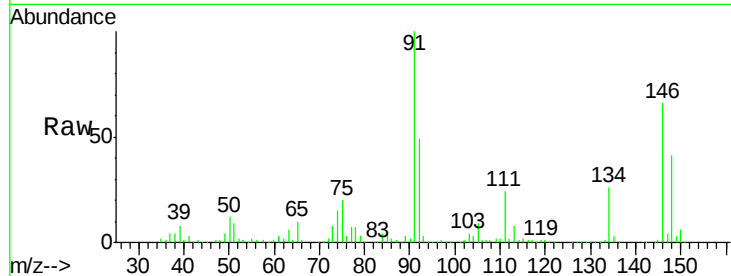




#91
1,2-Dichlorobenzene
Concen: 21.42 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

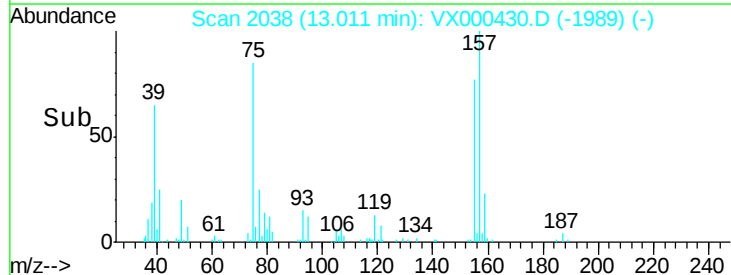
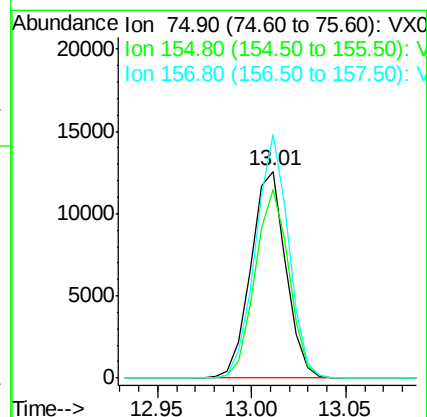
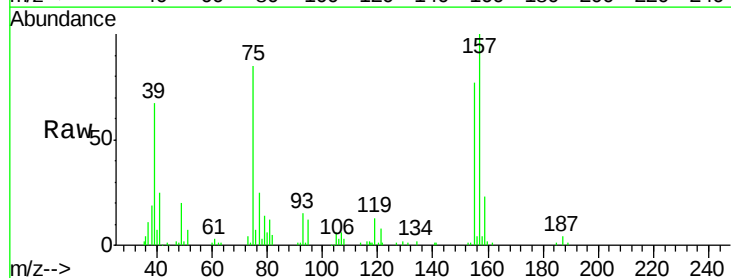
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

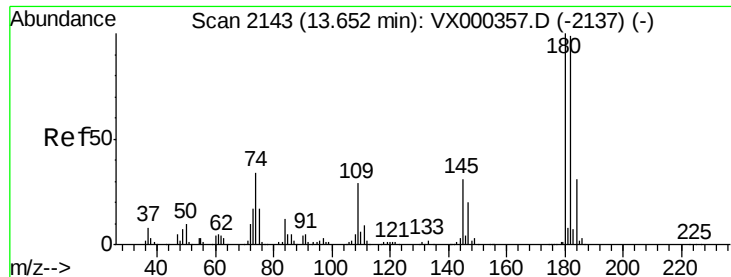
Tgt Ion:146 Resp: 79718
Ion Ratio Lower Upper
146 100
111 40.1 20.1 60.2
148 64.3 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.71 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000430.D
Acq: 23 Mar 2018 15:57

Tgt Ion: 75 Resp: 16136
Ion Ratio Lower Upper
75 100
155 88.2 45.0 134.8
157 110.6 58.1 174.2

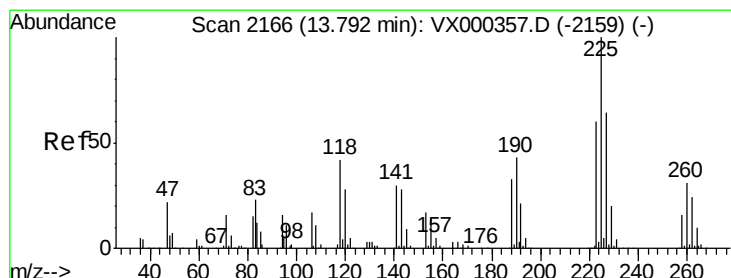
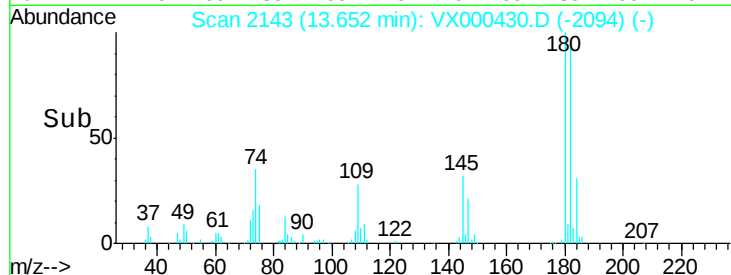
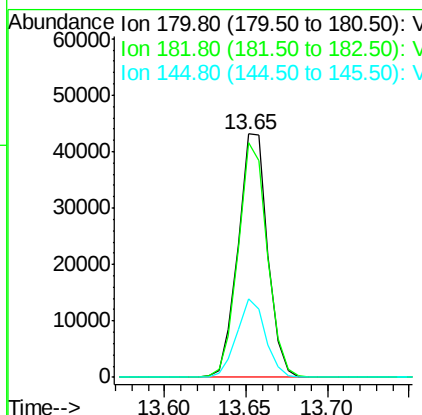
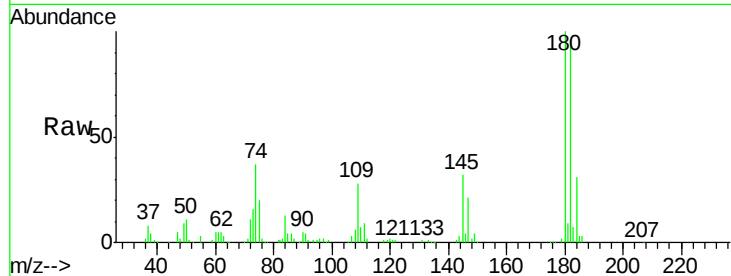




#93
 1,2,4-Trichlorobenzene
 Concen: 20.45 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

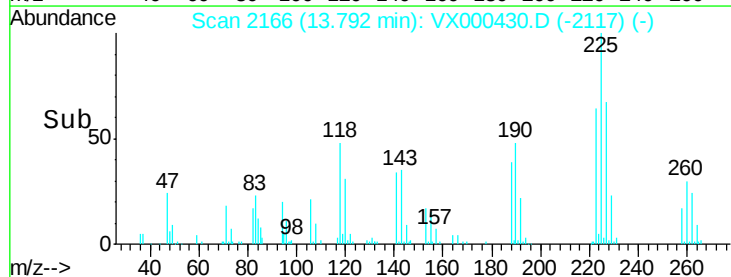
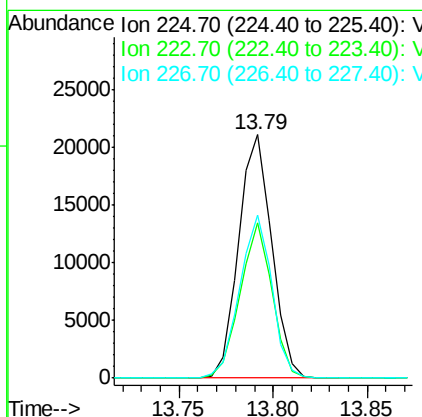
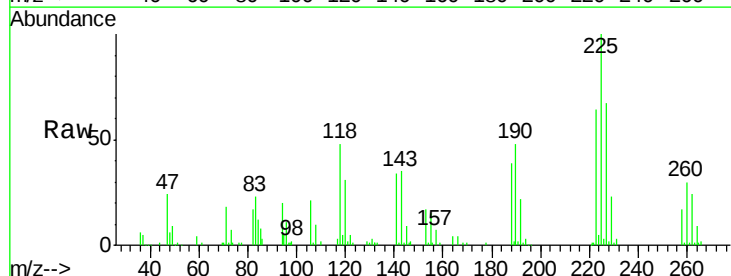
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

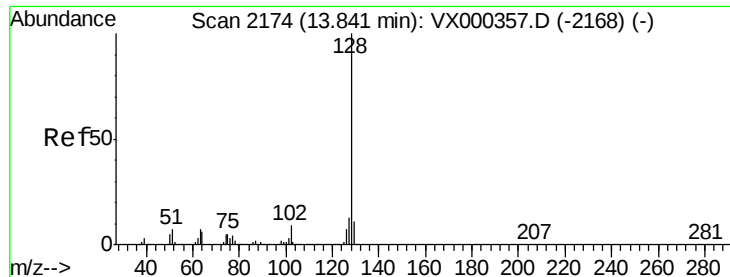
Tgt Ion:180 Resp: 54551
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.9
 145 31.3 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 23.23 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000430.D
 Acq: 23 Mar 2018 15:57

Tgt Ion:225 Resp: 25655
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.0 96.0
 227 65.1 32.6 98.0





#95

Naphthalene

Concen: 21.55 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBSD01

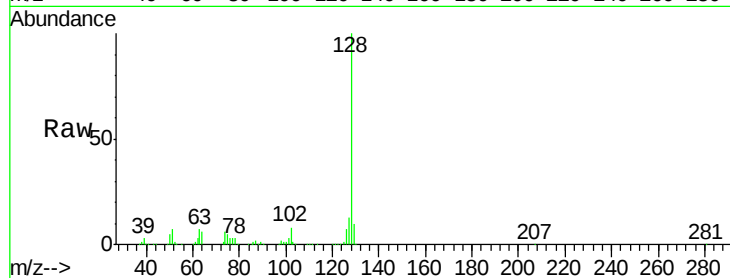
Tgt Ion:128 Resp: 200215

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

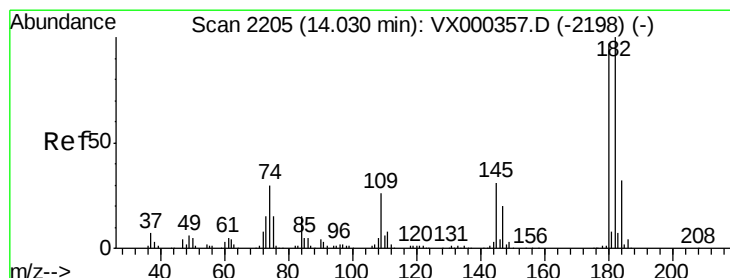
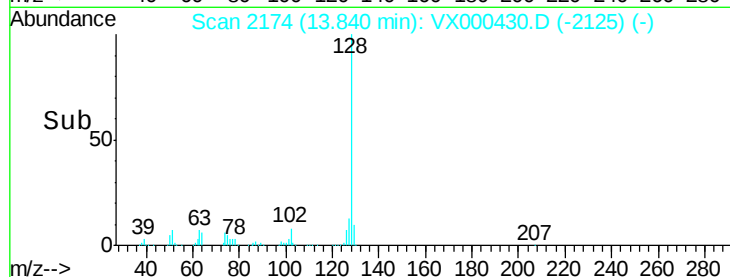
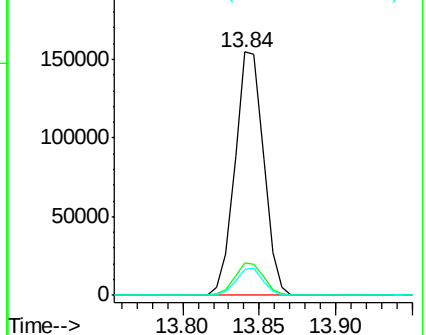
129 10.7 8.9 13.3



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: 22.01 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000430.D

Acq: 23 Mar 2018 15:57

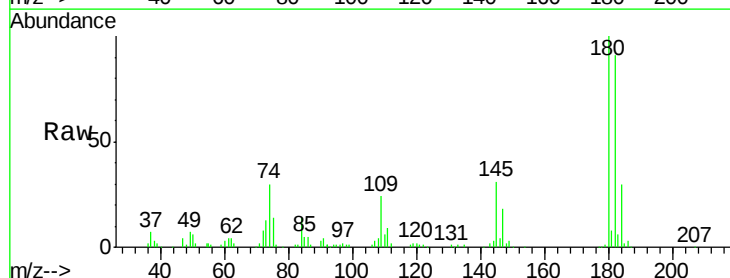
Tgt Ion:180 Resp: 58021

Ion Ratio Lower Upper

180 100

182 93.1 47.4 142.3

145 31.6 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

