

Data File : VX001232.D

Acq On : 29 Apr 2018 00:03

Operator : JC/MD

Sample : VX0428WBSD02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

Quant Time: Apr 30 01:40:24 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	258365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	128092	43.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.60%	
35) Dibromofluoromethane	5.51	113	103727	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.72	98	389352	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	147671	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38704	19.34	ug/l	97
3) Chloromethane	1.32	50	37672	17.97	ug/l	100
4) Vinyl Chloride	1.40	62	43578	19.60	ug/l	100
5) Bromomethane	1.64	94	33752	23.63	ug/l	99
6) Chloroethane	1.73	64	27949	19.97	ug/l	98
7) Trichlorofluoromethane	1.93	101	76566	21.32	ug/l	100
8) Diethyl Ether	2.19	74	26565	19.24	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41249	20.85	ug/l	99
10) Methyl Iodide	2.51	142	41238	24.38	ug/l	99
11) Tert butyl alcohol	3.08	59	54739	93.84	ug/l	98
12) 1,1-Dichloroethene	2.37	96	39174	20.30	ug/l	97
13) Acrolein	2.30	56	17127	77.66	ug/l	99
14) Allyl chloride	2.73	41	69391	19.71	ug/l	98
15) Acrylonitrile	3.15	53	118078	94.79	ug/l	99
16) Acetone	2.45	43	110145	90.55	ug/l	99
17) Carbon Disulfide	2.57	76	92491	18.78	ug/l	96
18) Methyl Acetate	2.78	43	61892	20.33	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	139736	19.67	ug/l	97
20) Methylene Chloride	2.86	84	44262	19.54	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	42343	19.85	ug/l	98
22) Diisopropyl ether	3.88	45	129740	18.42	ug/l	94
23) Vinyl Acetate	3.83	43	548346	91.76	ug/l	99
24) 1,1-Dichloroethane	3.70	63	70677	19.09	ug/l	99
25) 2-Butanone	4.71	43	157929	86.77	ug/l	100
26) 2,2-Dichloropropane	4.59	77	41762	14.33	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	46401	19.87	ug/l	95
28) Bromochloromethane	5.03	49	30258	18.23	ug/l	96
29) Tetrahydrofuran	5.17	42	101631	86.84	ug/l	99
30) Chloroform	5.23	83	76657	19.47	ug/l	97
31) Cyclohexane	5.58	56	62399	19.84	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	66985	19.71	ug/l	100
36) 1,1-Dichloropropene	5.81	75	55286	19.42	ug/l	99
37) Ethyl Acetate	4.87	43	61460	18.03	ug/l	100
38) Carbon Tetrachloride	5.79	117	57986	19.86	ug/l	98

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

Quant Time: Apr 30 01:40:24 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	61710	19.58	ug/l	98
40) Benzene	6.15	78	167827	20.38	ug/l	100
41) Methacrylonitrile	5.07	41	34354	17.93	ug/l	99
42) 1,2-Dichloroethane	6.21	62	65095	19.61	ug/l	100
43) Isopropyl Acetate	6.48	43	98209	18.34	ug/l	100
44) Trichloroethene	7.22	130	50112	20.42	ug/l	94
45) 1,2-Dichloropropane	7.53	63	43010	19.85	ug/l	99
46) Dibromomethane	7.67	93	30078	20.05	ug/l	98
47) Bromodichloromethane	7.91	83	52696	19.33	ug/l	99
48) Methyl methacrylate	7.79	41	52244	18.36	ug/l	99
49) 1,4-Dioxane	7.76	88	20632	362.07	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	330062	93.84	ug/l	98
52) Toluene	8.79	92	110499	20.52	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	59201	18.68	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	54334	17.98	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	44825	19.67	ug/l	98
56) Ethyl methacrylate	9.19	69	63076	18.68	ug/l	98
57) 1,3-Dichloropropane	9.38	76	73576	19.96	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	150037	94.00	ug/l	100
59) 2-Hexanone	9.51	43	250532	90.91	ug/l	98
60) Dibromochloromethane	9.59	129	44269	18.86	ug/l	99
61) 1,2-Dibromoethane	9.68	107	47462	19.88	ug/l	99
64) Tetrachloroethene	9.34	164	57756	21.88	ug/l	99
65) Chlorobenzene	10.14	112	130163	20.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	45264	20.20	ug/l	99
67) Ethyl Benzene	10.26	91	210731	20.02	ug/l	99
68) m/p-Xylenes	10.37	106	167022	40.14	ug/l	99
69) o-Xylene	10.71	106	80336	19.91	ug/l	100
70) Styrene	10.72	104	131680	19.61	ug/l	99
71) Bromoform	10.87	173	35365	18.47	ug/l #	99
73) Isopropylbenzene	11.02	105	218340	20.23	ug/l	100
74) N-amyl acetate	6.48	43	98209	18.05	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	67433	18.83	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	69572	20.63	ug/l	90
77) Bromobenzene	11.26	156	64113	20.03	ug/l	97
78) n-propylbenzene	11.37	91	242452	20.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	148601	19.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	184037	20.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	11880	15.20	ug/l	87
82) 4-Chlorotoluene	11.52	91	174559	19.68	ug/l	99
83) tert-Butylbenzene	11.77	119	178674	19.59	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	191925	20.43	ug/l	100
85) sec-Butylbenzene	11.95	105	218446	20.50	ug/l	99
86) p-Isopropyltoluene	12.07	119	199617	20.14	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	114515	19.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118280	19.75	ug/l	100
89) n-Butylbenzene	12.40	91	167762	19.56	ug/l	99
90) Hexachloroethane	12.60	117	27353	19.32	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	115040	19.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13865	17.54	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\
Quantitation Report (Not Reviewed)

Data File : VX001232.D
Acq On : 29 Apr 2018 00:03
Operator : JC/MD
Sample : VX0428WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

Quant Time: Apr 30 01:40:24 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

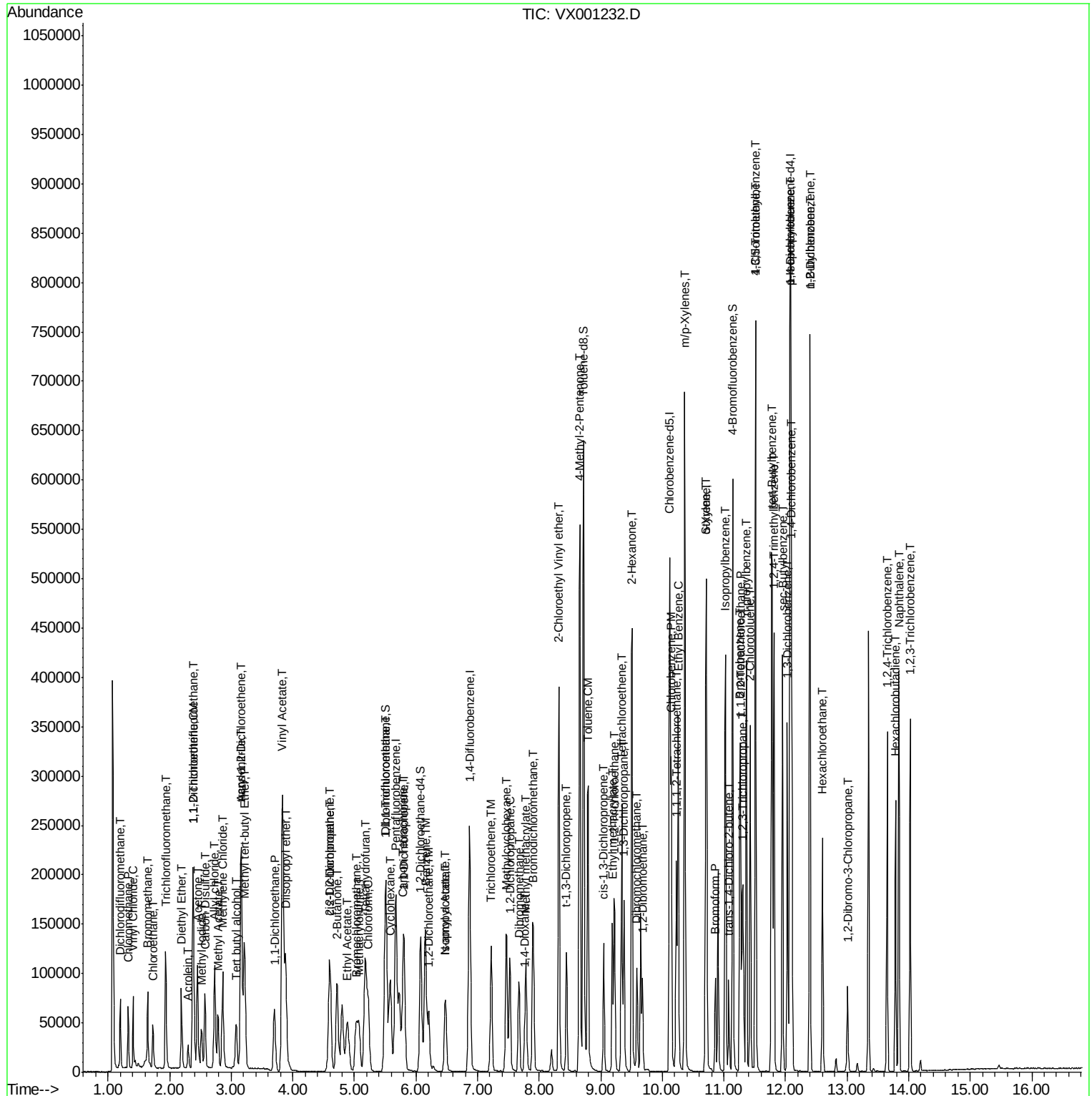
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87686	19.26	ug/l	99
94) Hexachlorobutadiene	13.79	225	42352	19.79	ug/l	99
95) Naphthalene	13.84	128	243016	19.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	90044	19.87	ug/l	99

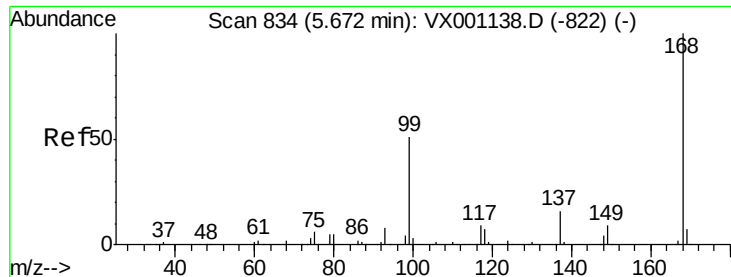
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 29 Sample Multiplier: 1

VX0428WBSD02

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

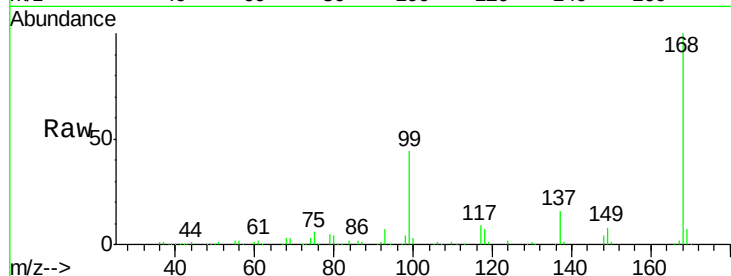
VX0428WBSD02

Tgt Ion:168 Resp: 190833

Ion Ratio Lower Upper

168 100

99 44.3 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

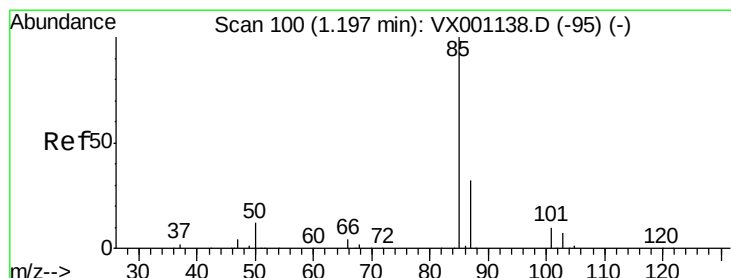
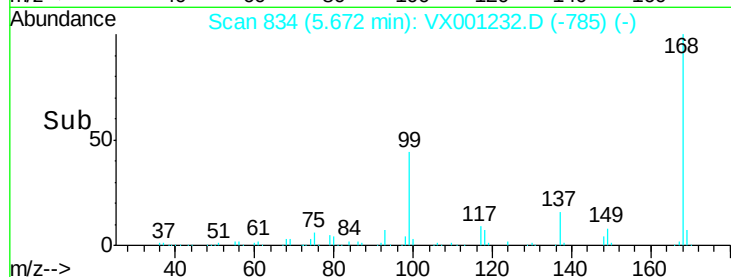
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001232.D

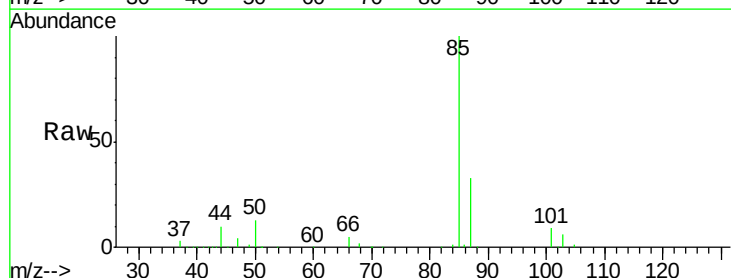
Acq: 29 Apr 2018 00:03

Tgt Ion: 85 Resp: 38704

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

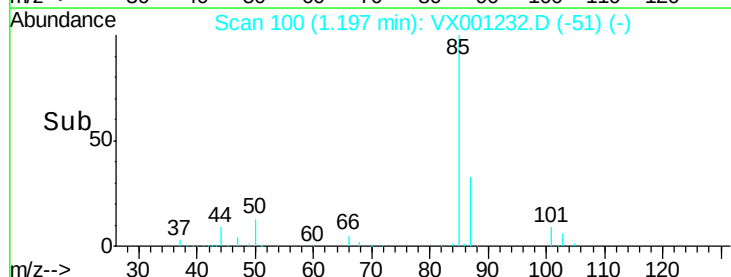
20000

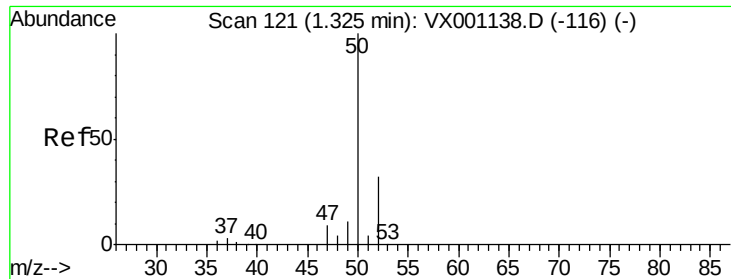
10000

0

1.15 1.20 1.25 1.30

Time-->

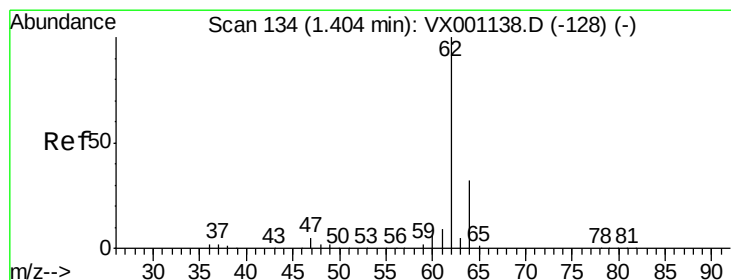
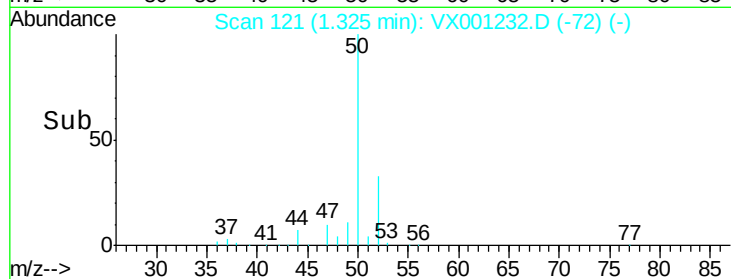
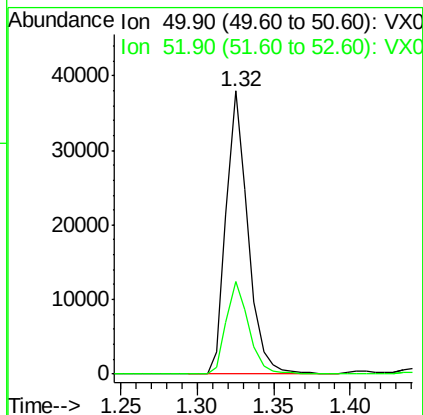
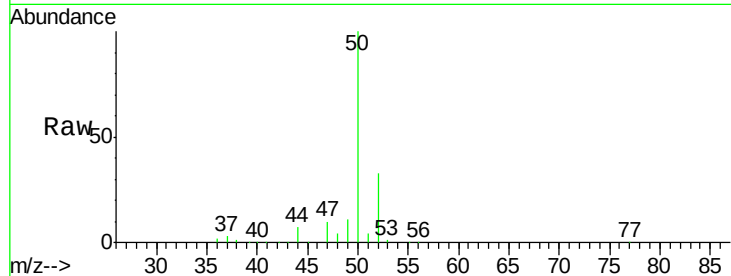




#3
Chloromethane
Concen: 17.97 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

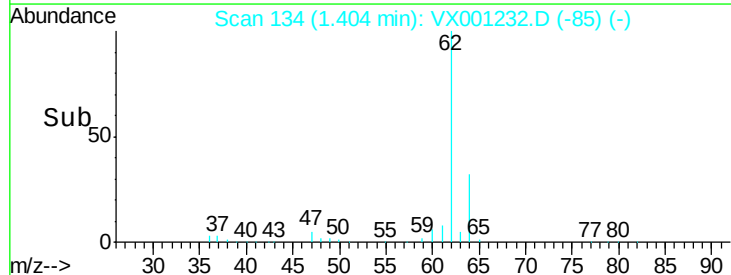
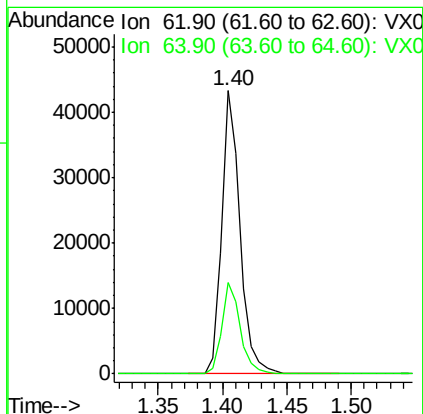
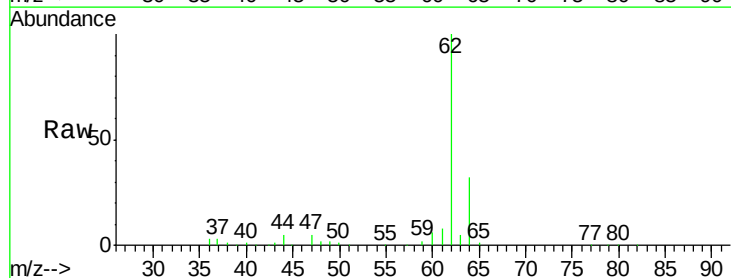
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

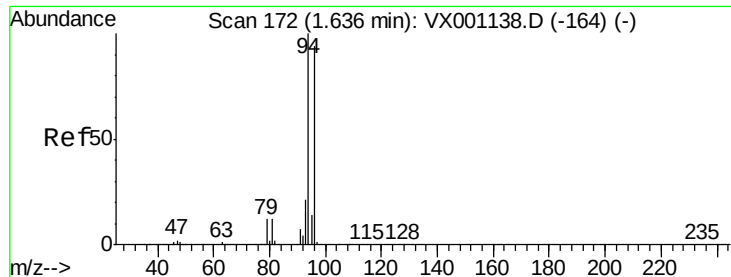
Tgt Ion: 50 Resp: 37672
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 19.60 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion: 62 Resp: 43578
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4





#5

Bromomethane

Concen: 23.63 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

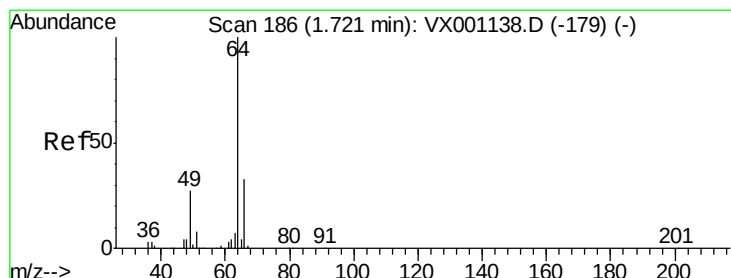
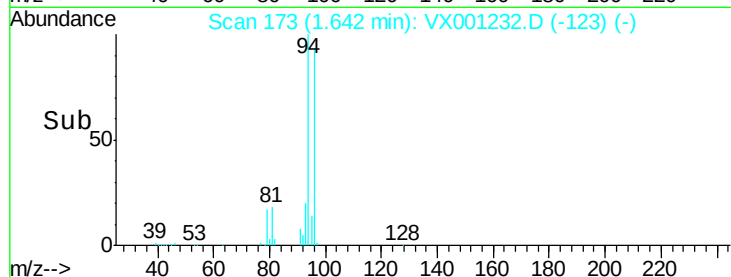
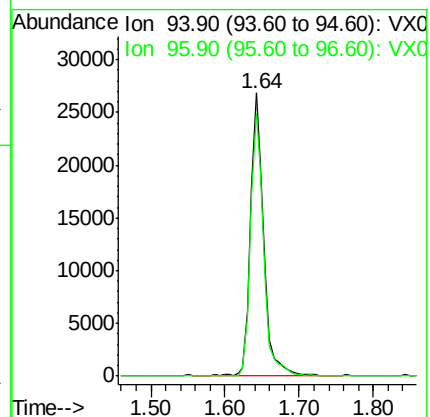
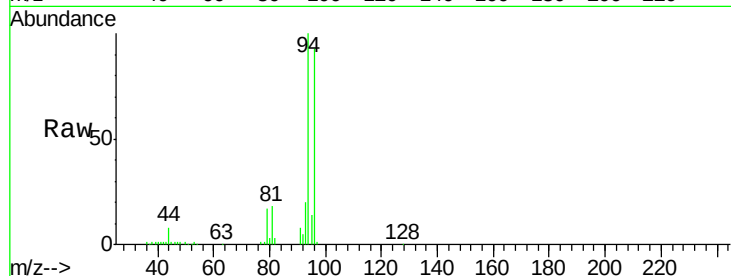
VX0428WBSD02

Tgt Ion: 94 Resp: 33752

Ion Ratio Lower Upper

94 100

96 93.1 75.3 112.9



#6

Chloroethane

Concen: 19.97 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001232.D

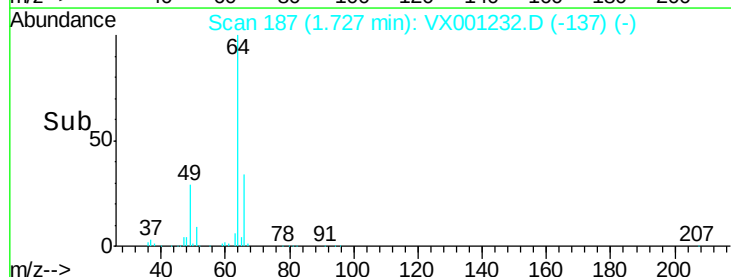
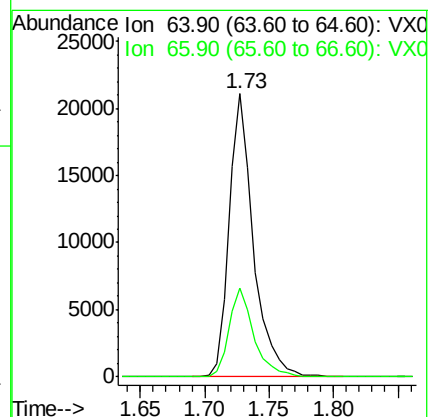
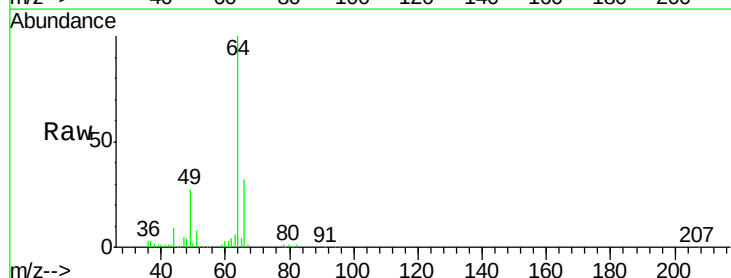
Acq: 29 Apr 2018 00:03

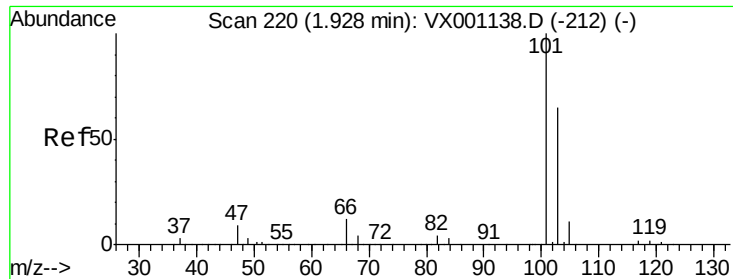
Tgt Ion: 64 Resp: 27949

Ion Ratio Lower Upper

64 100

66 31.6 26.1 39.1





#7

Trichlorofluoromethane

Concen: 21.32 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

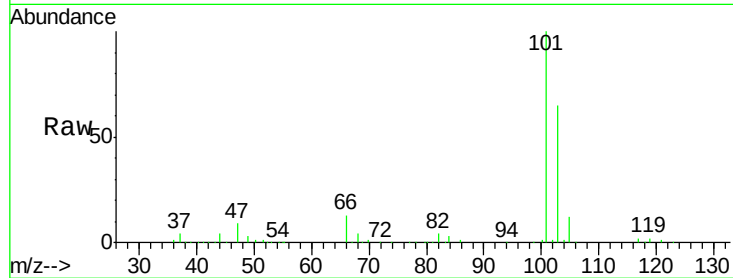
VX0428WBSD02

Tgt Ion:101 Resp: 76566

Ion Ratio Lower Upper

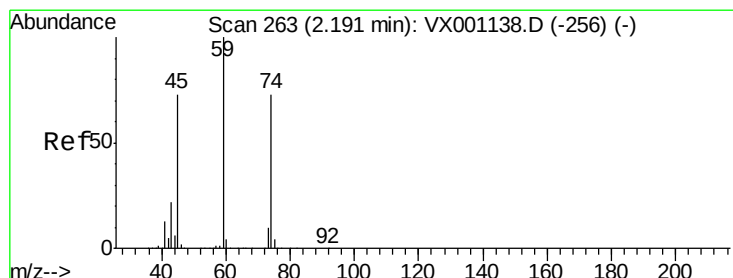
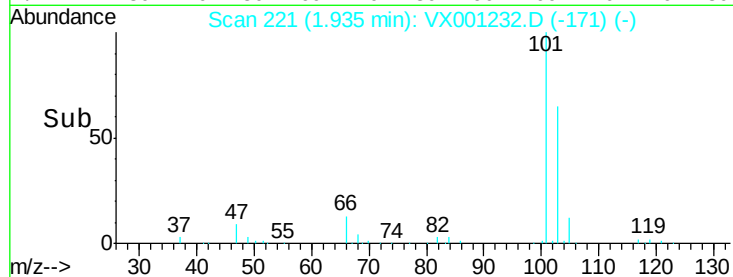
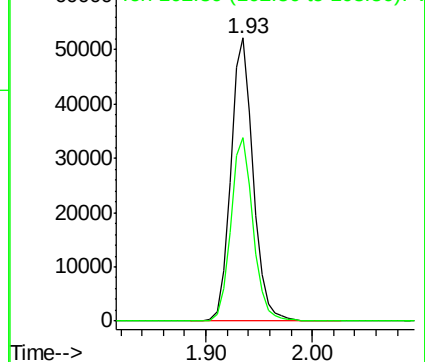
101 100

103 64.9 51.9 77.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.24 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001232.D

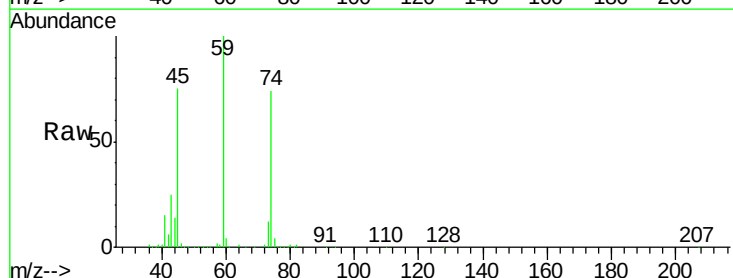
Acq: 29 Apr 2018 00:03

Tgt Ion: 74 Resp: 26565

Ion Ratio Lower Upper

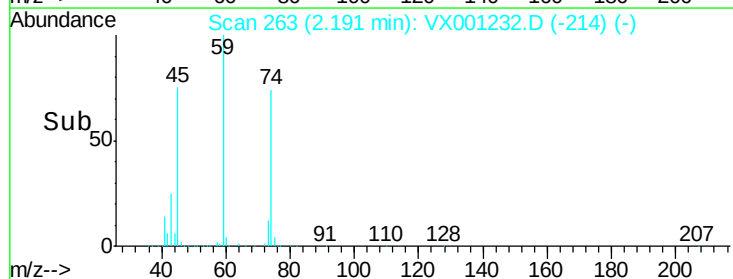
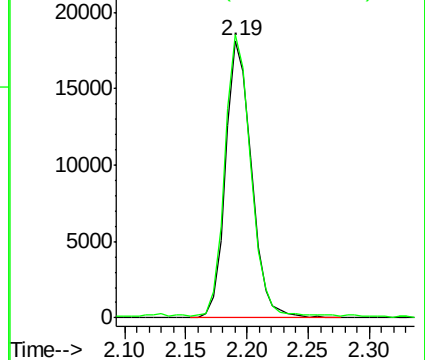
74 100

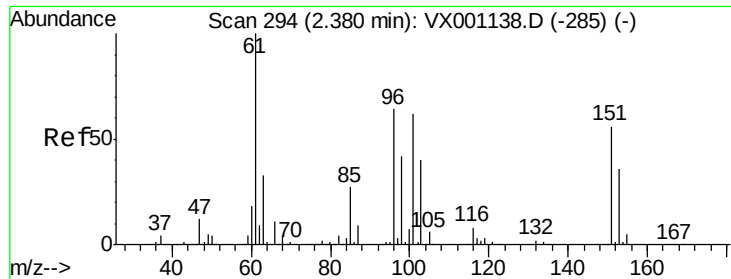
45 103.0 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.85 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

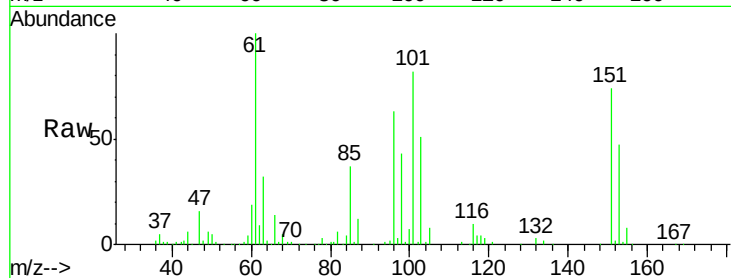
Tgt Ion:101 Resp: 41249

Ion Ratio Lower Upper

101 100

85 45.6 35.4 53.0

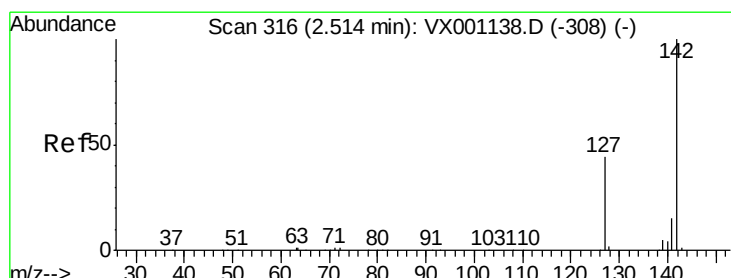
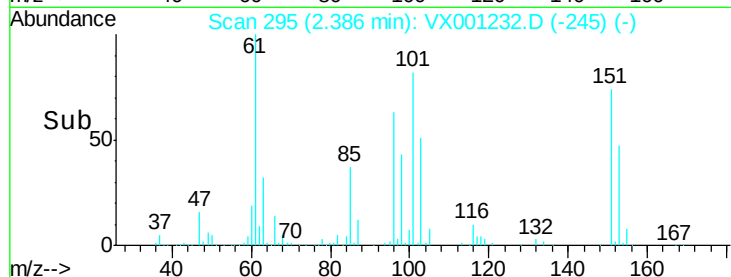
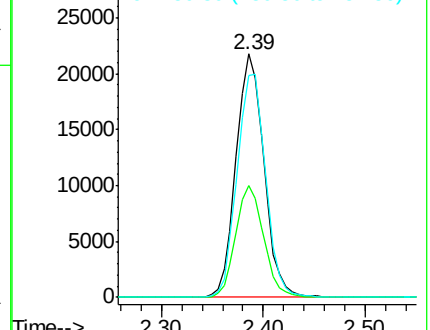
151 93.8 74.2 111.4



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: 24.38 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

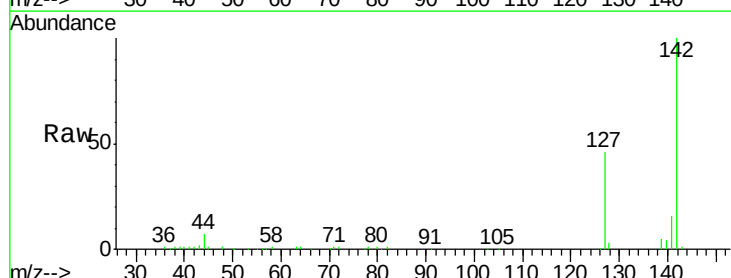
Tgt Ion:142 Resp: 41238

Ion Ratio Lower Upper

142 100

127 43.8 34.7 52.1

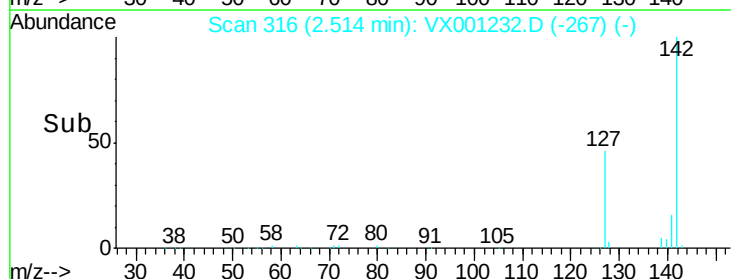
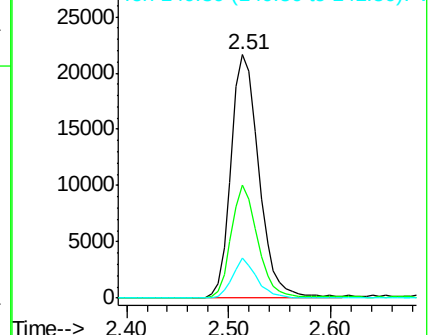
141 14.3 11.6 17.4

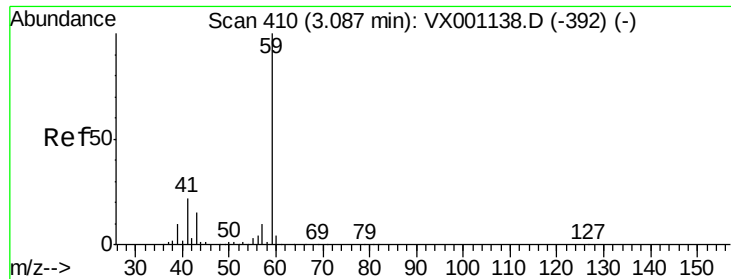


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

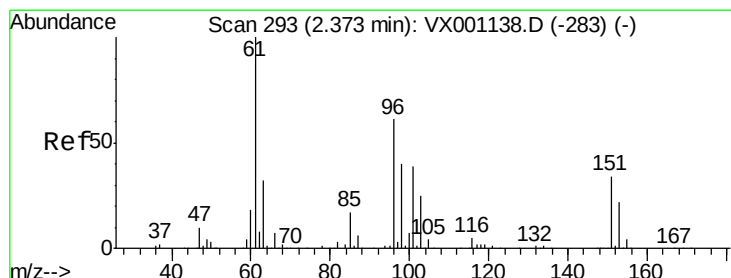
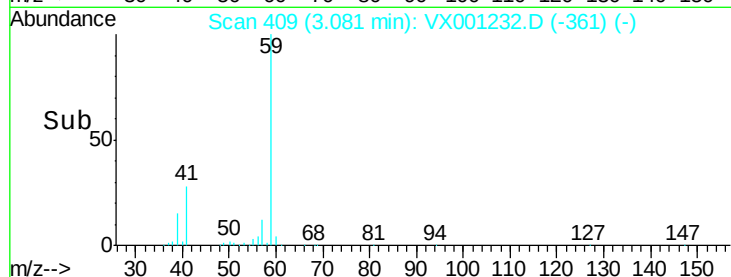
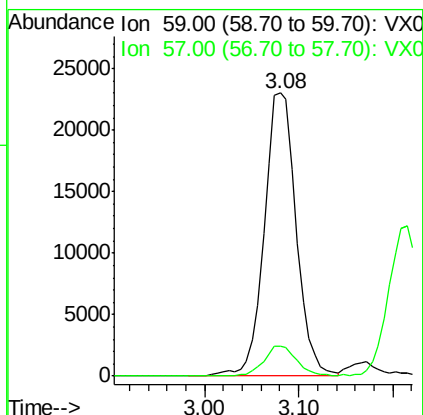
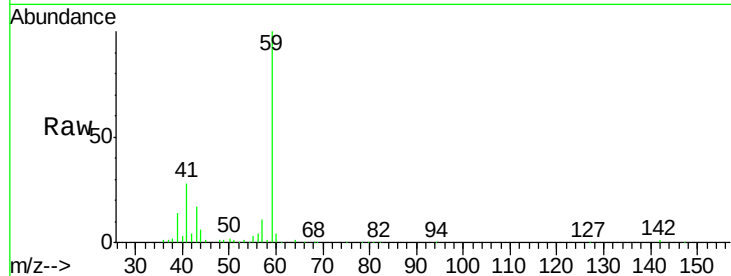




#11
Tert butyl alcohol
Concen: 93.84 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

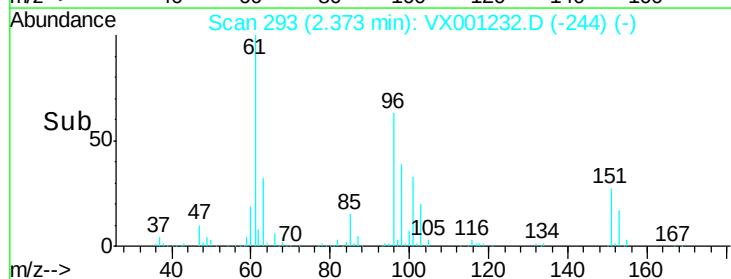
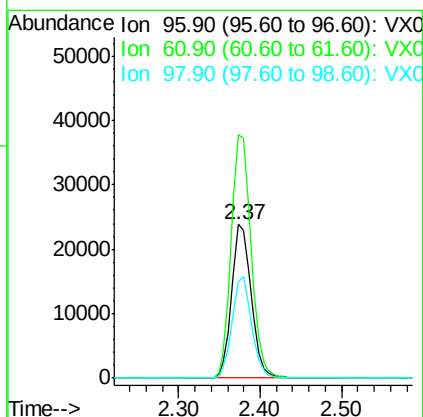
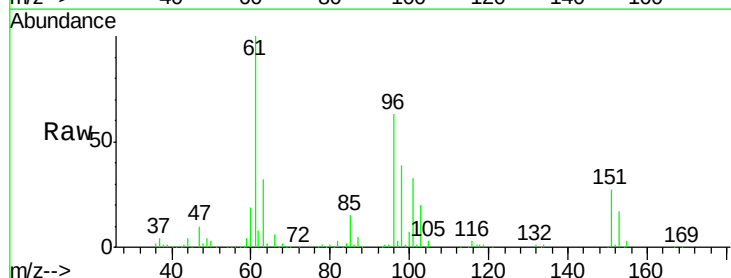
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

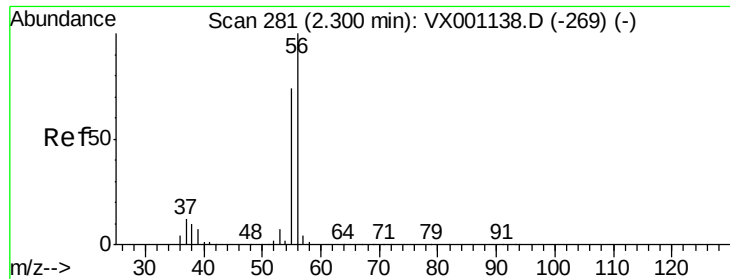
Tgt Ion: 59 Resp: 54739
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.30 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion: 96 Resp: 39174
Ion Ratio Lower Upper
96 100
61 158.5 130.2 195.4
98 62.5 51.5 77.3





#13

Acrolein

Concen: 77.66 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

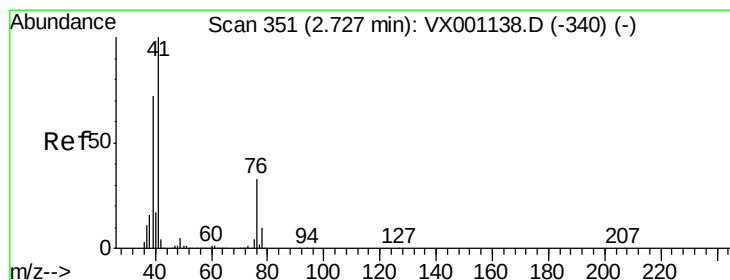
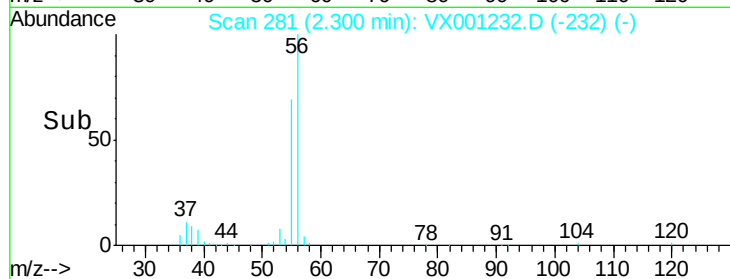
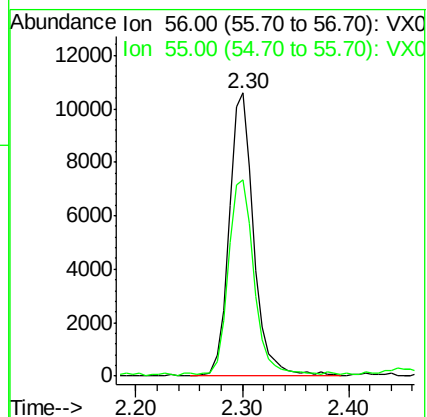
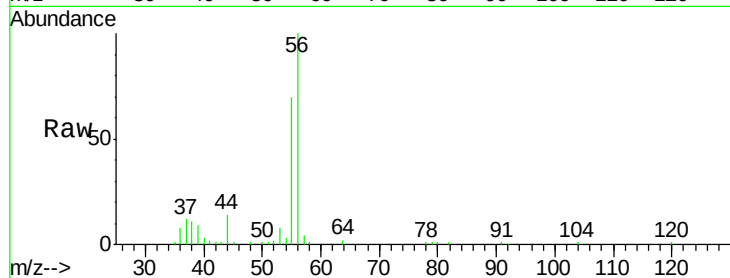
VX0428WBSD02

Tgt Ion: 56 Resp: 17127

Ion Ratio Lower Upper

56 100

55 71.0 57.2 85.8



#14

Allyl chloride

Concen: 19.71 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

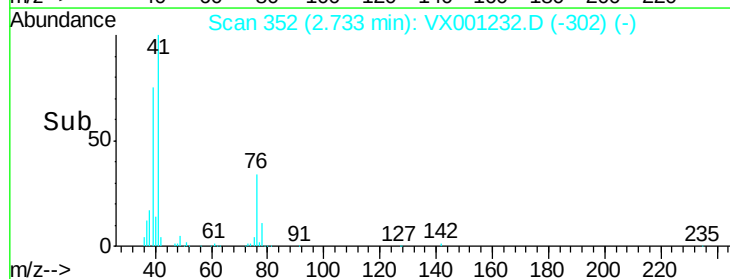
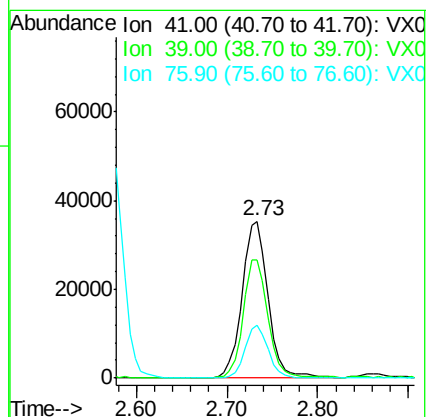
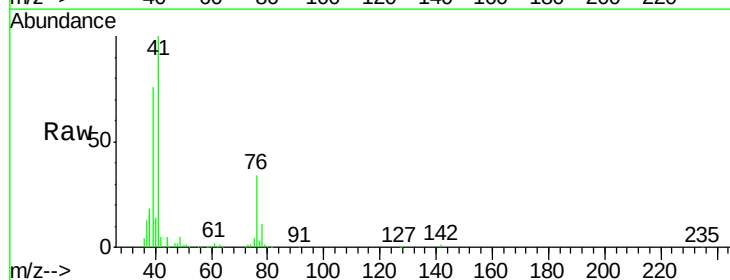
Tgt Ion: 41 Resp: 69391

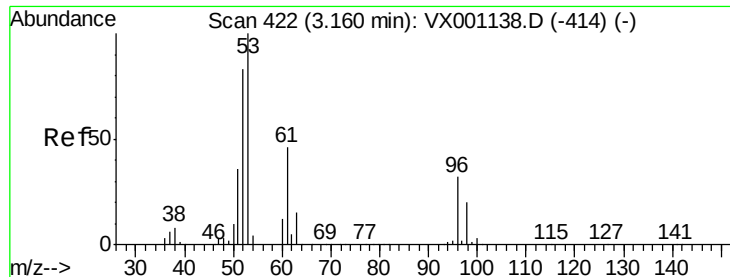
Ion Ratio Lower Upper

41 100

39 71.2 55.6 83.4

76 30.5 24.8 37.2





#15

Acrylonitrile

Concen: 94.79 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

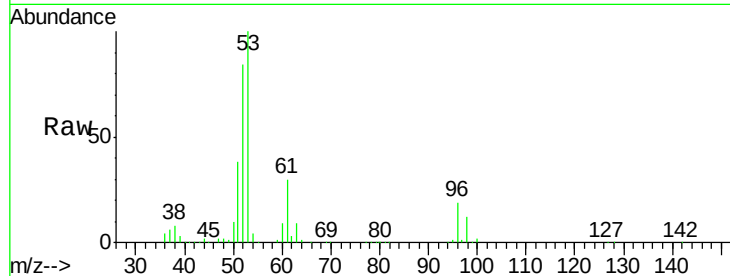
Tgt Ion: 53 Resp: 118078

Ion Ratio Lower Upper

53 100

52 82.9 66.5 99.7

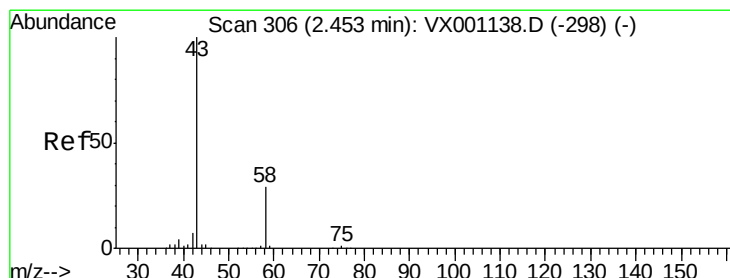
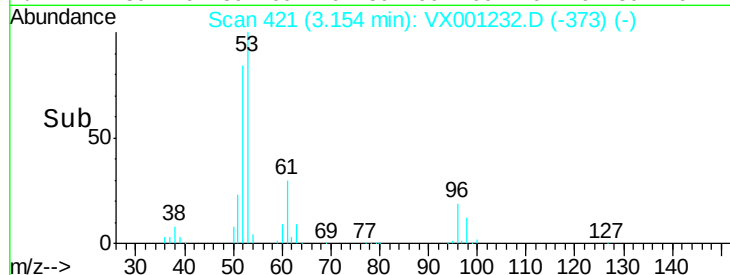
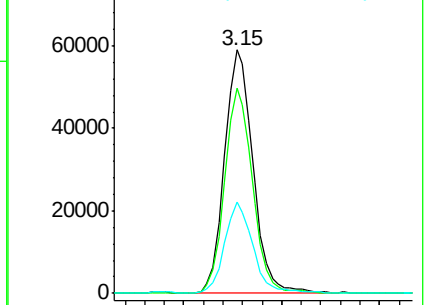
51 38.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.55 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001232.D

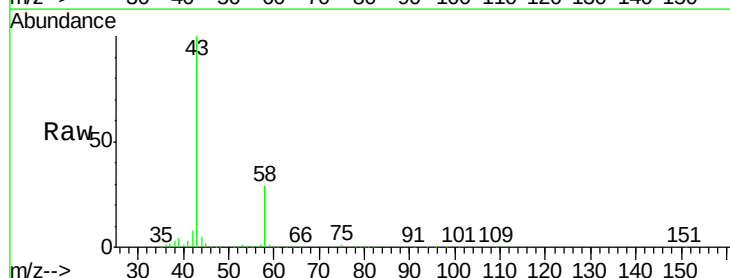
Acq: 29 Apr 2018 00:03

Tgt Ion: 43 Resp: 110145

Ion Ratio Lower Upper

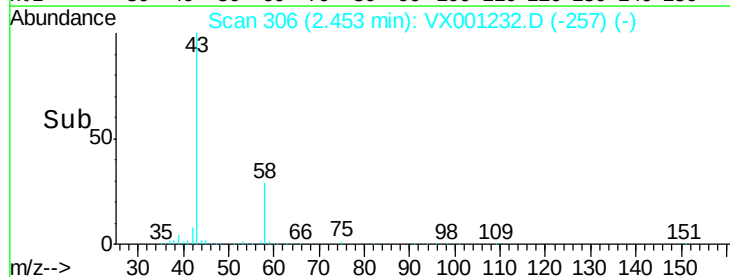
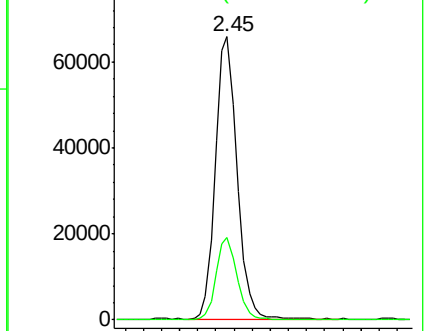
43 100

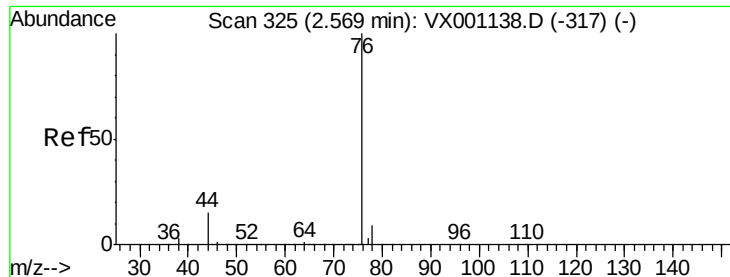
58 29.3 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

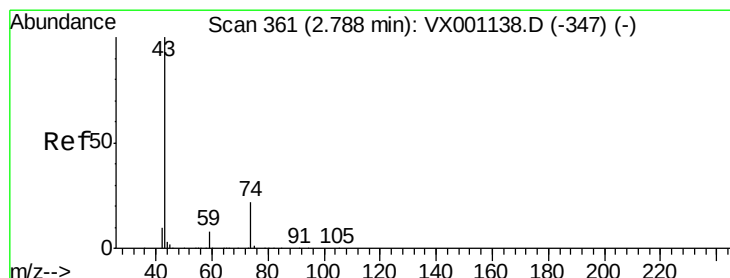
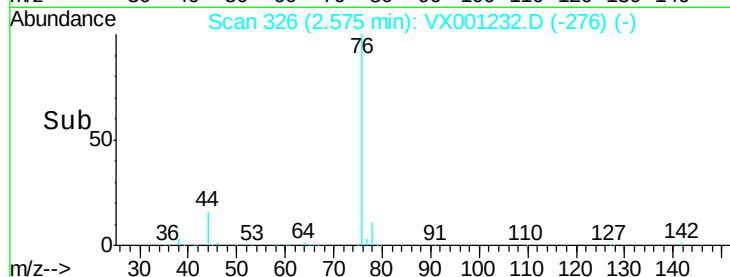
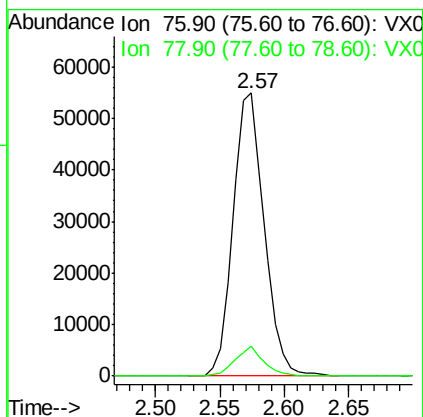
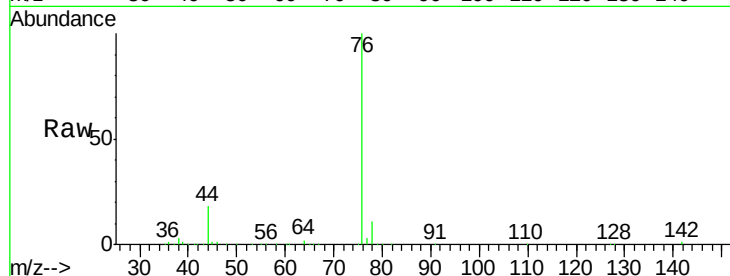




#17
Carbon Disulfide
Concen: 18.78 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

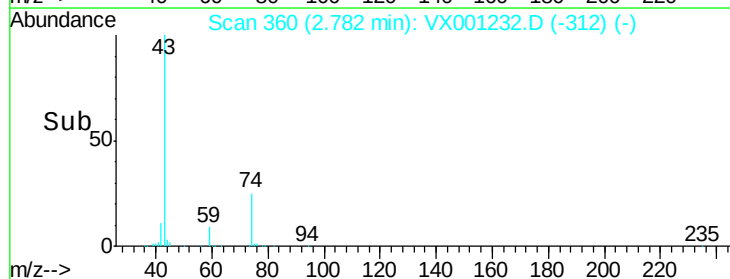
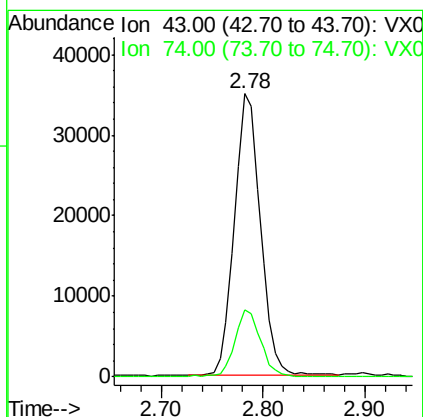
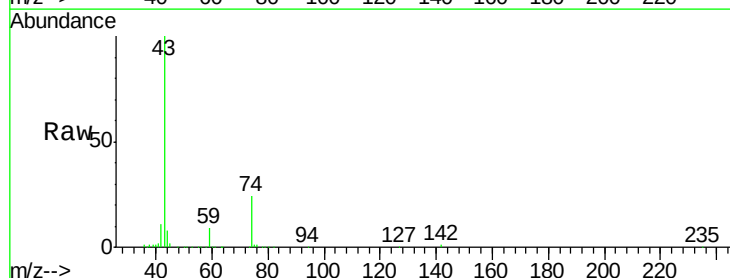
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

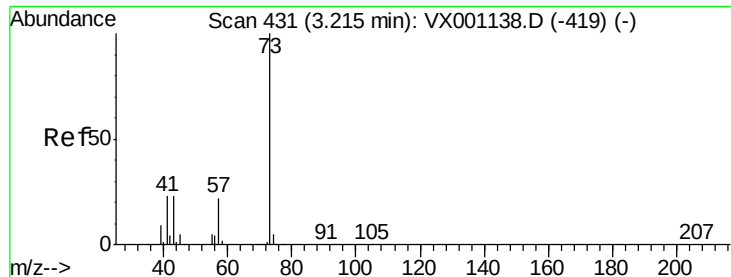
Tgt Ion: 76 Resp: 92491
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9



#18
Methyl Acetate
Concen: 20.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion: 43 Resp: 61892
Ion Ratio Lower Upper
43 100
74 22.8 18.1 27.1

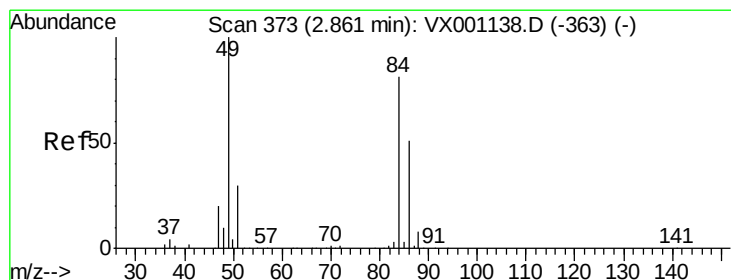
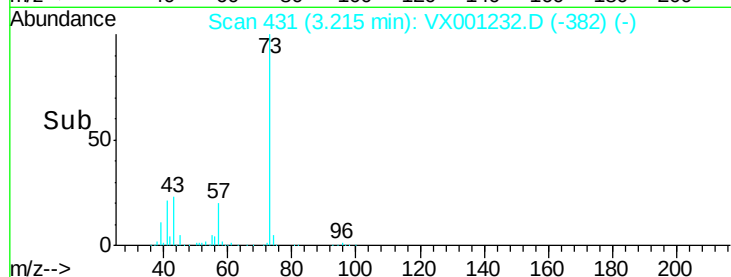
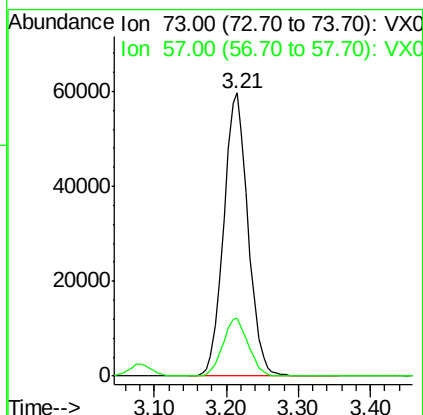
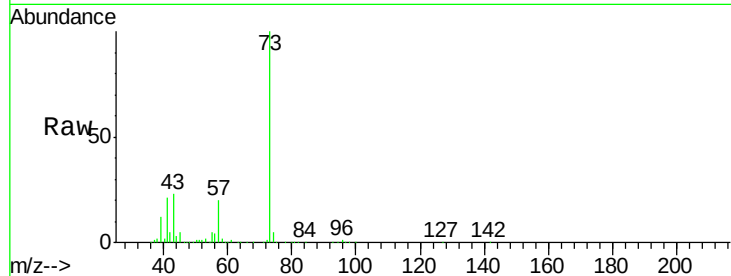




#19
Methyl tert-butyl Ether
Concen: 19.67 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

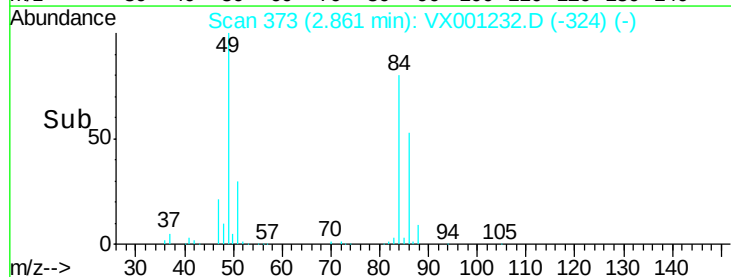
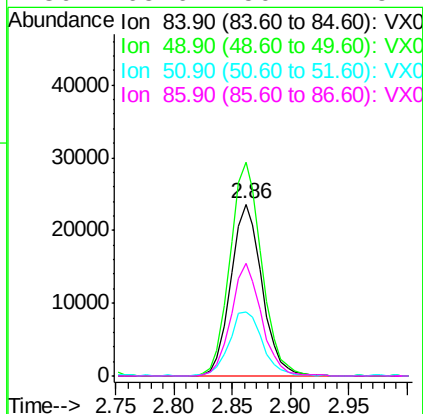
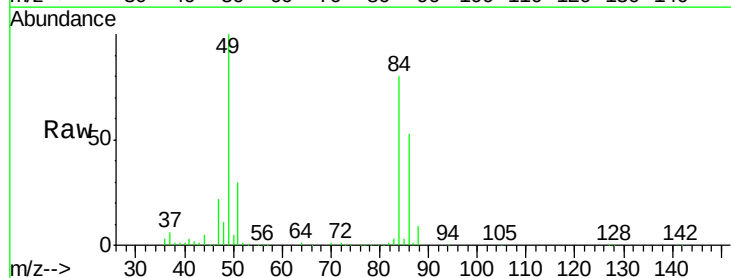
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

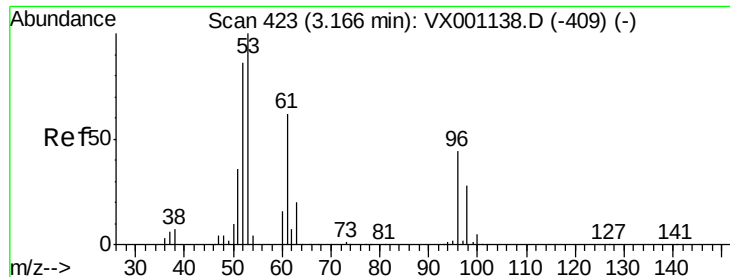
Tgt Ion: 73 Resp: 139736
Ion Ratio Lower Upper
73 100
57 20.4 17.7 26.5



#20
Methylene Chloride
Concen: 19.54 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion: 84 Resp: 44262
Ion Ratio Lower Upper
84 100
49 124.1 99.2 148.8
51 36.6 29.5 44.3
86 65.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.85 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

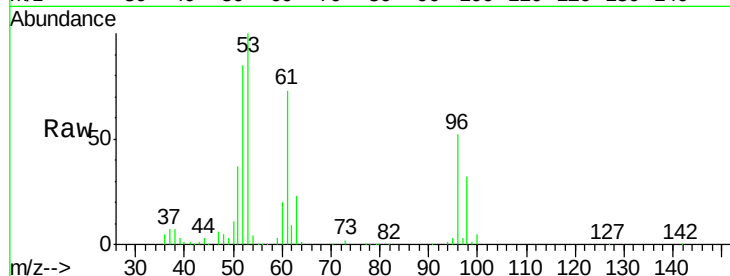
Tgt Ion: 96 Resp: 42343

Ion Ratio Lower Upper

96 100

61 142.0 111.9 167.9

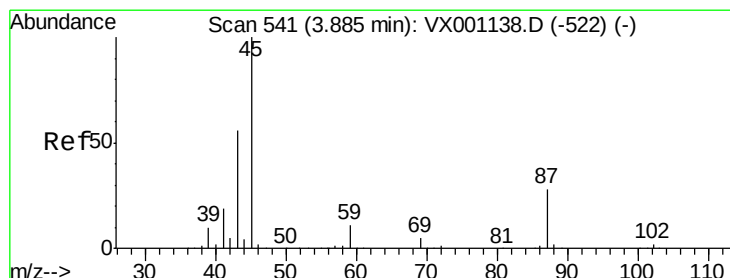
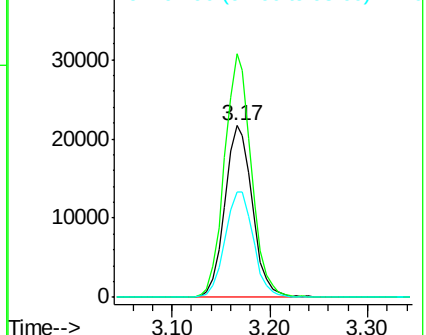
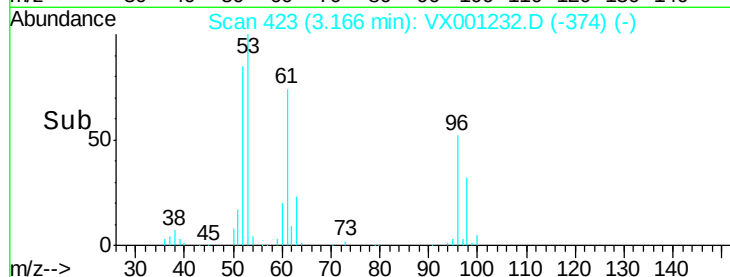
98 61.3 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.42 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Tgt Ion: 45 Resp: 129740

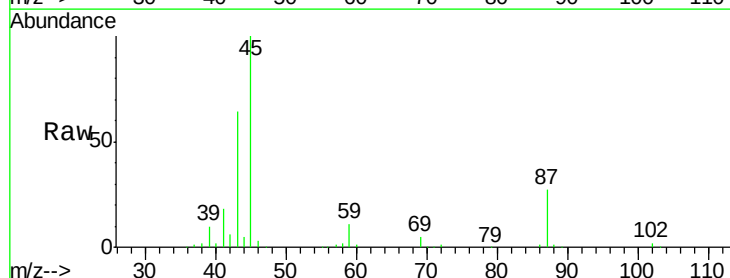
Ion Ratio Lower Upper

45 100

43 63.4 45.0 67.4

87 27.3 22.8 34.2

59 11.2 9.0 13.6

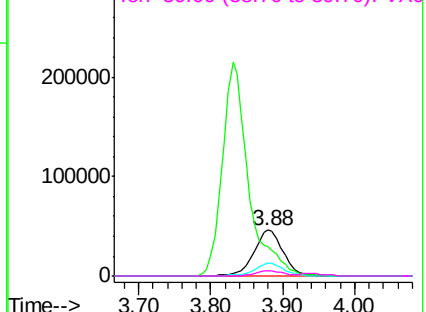
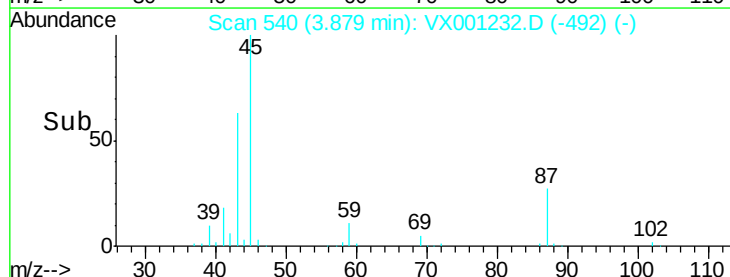


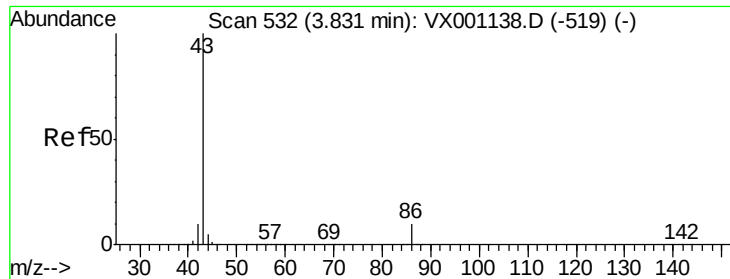
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 91.76 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

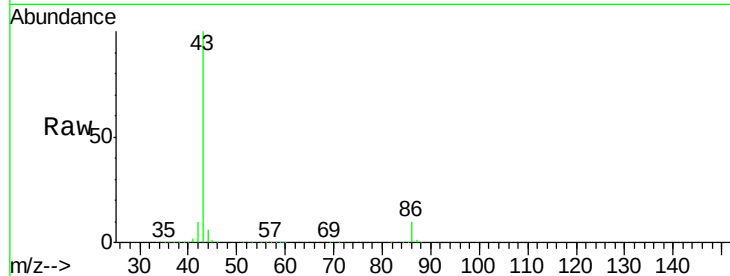
VX0428WBSD02

Tgt Ion: 43 Resp: 548346

Ion Ratio Lower Upper

43 100

86 9.8 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

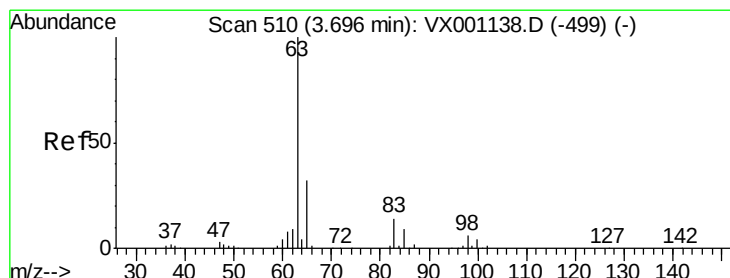
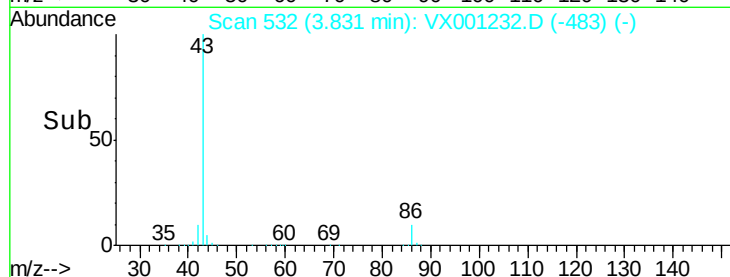
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.09 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

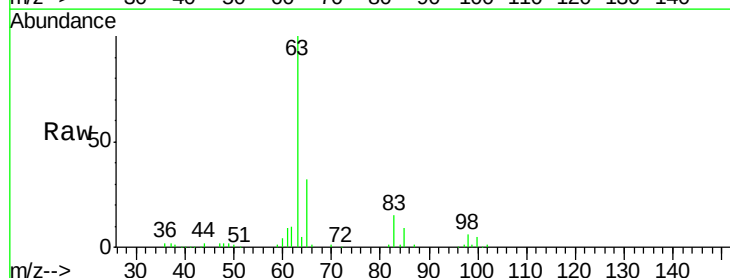
Tgt Ion: 63 Resp: 70677

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 5.1 2.1 6.5



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

3.70

40000

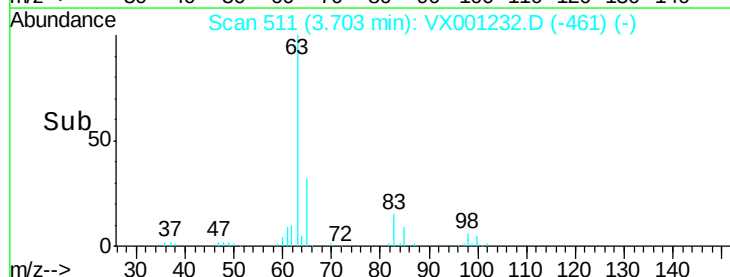
30000

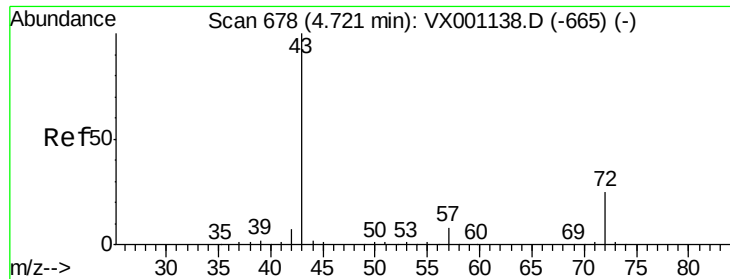
20000

10000

0

Time-->





#25

2-Butanone

Concen: 86.77 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

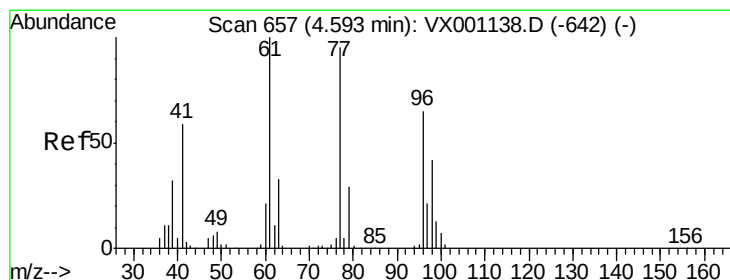
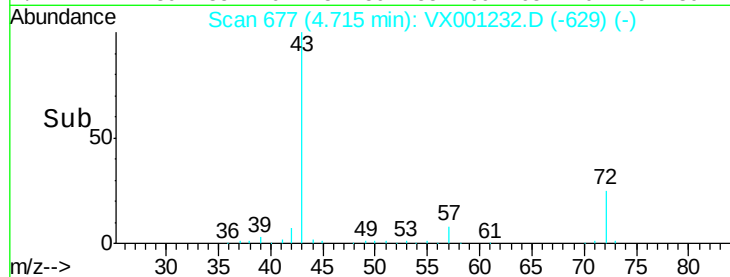
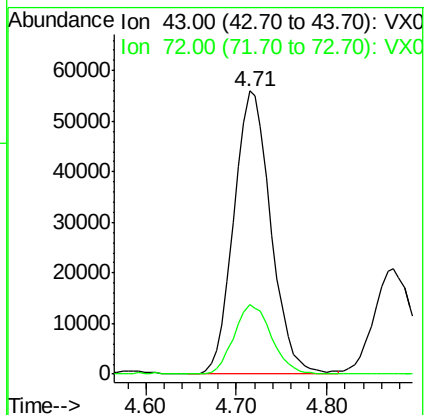
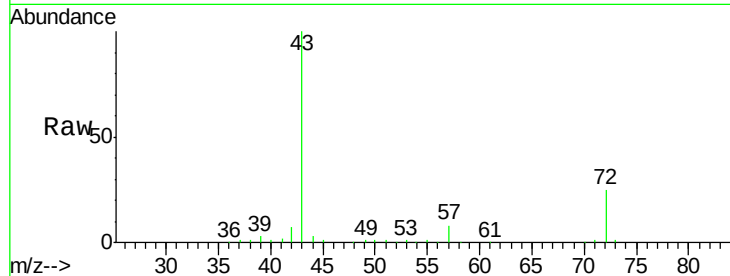
VX0428WBSD02

Tgt Ion: 43 Resp: 157929

Ion Ratio Lower Upper

43 100

72 24.8 20.0 30.0



#26

2,2-Dichloropropane

Concen: 14.33 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001232.D

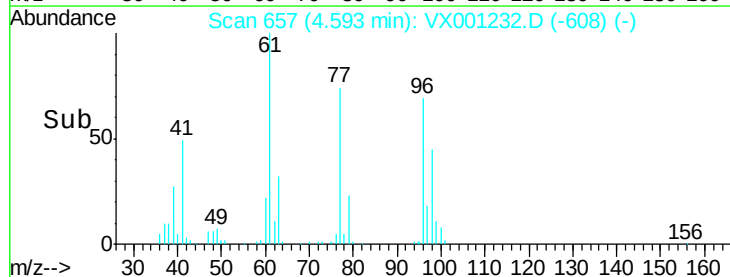
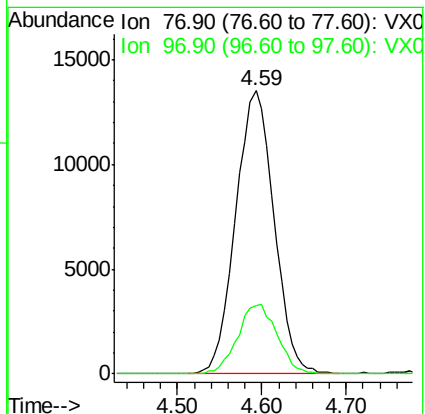
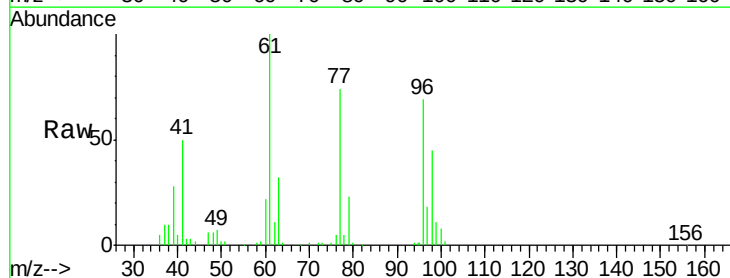
Acq: 29 Apr 2018 00:03

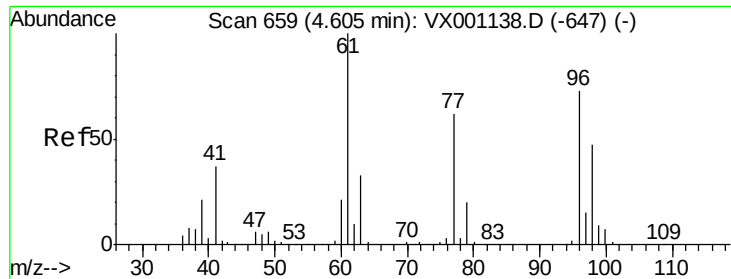
Tgt Ion: 77 Resp: 41762

Ion Ratio Lower Upper

77 100

97 25.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.87 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

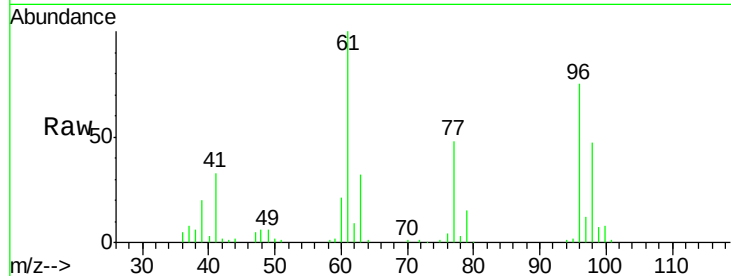
Tgt Ion: 96 Resp: 46401

Ion Ratio Lower Upper

96 100

61 136.3 0.0 289.0

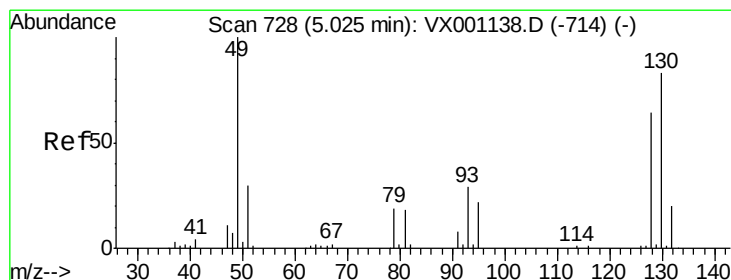
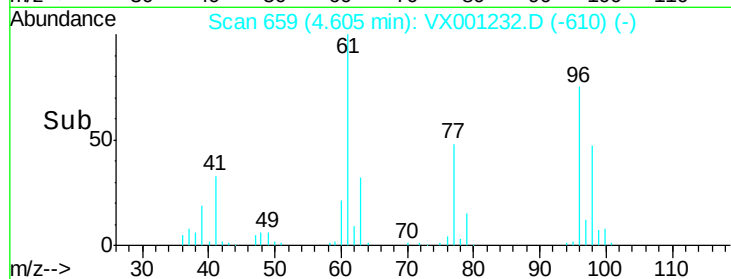
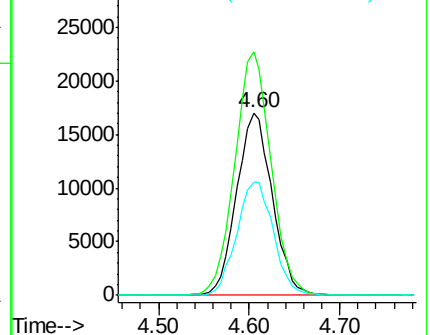
98 64.1 0.0 128.2



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: 18.23 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

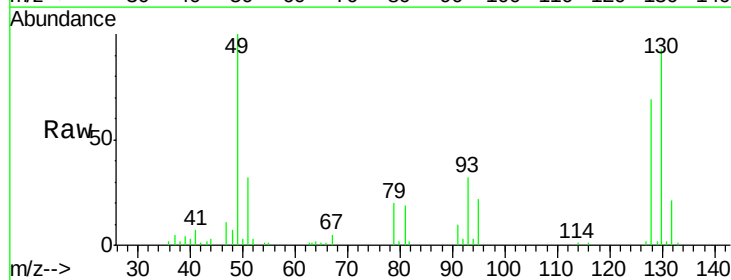
Tgt Ion: 49 Resp: 30258

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

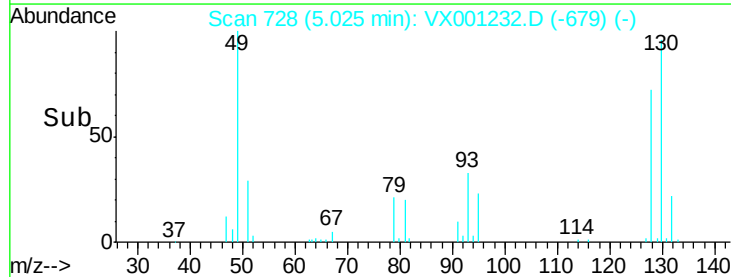
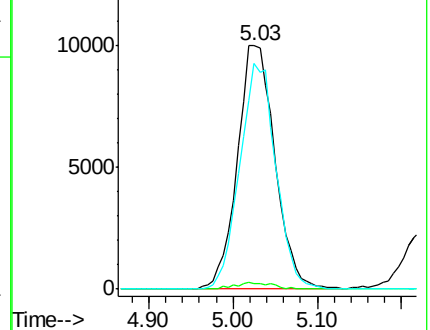
130 88.9 68.2 102.2

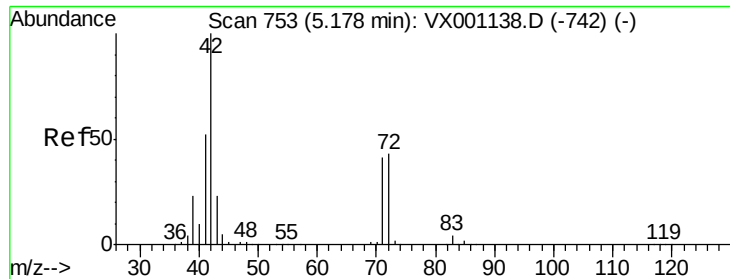


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 86.84 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

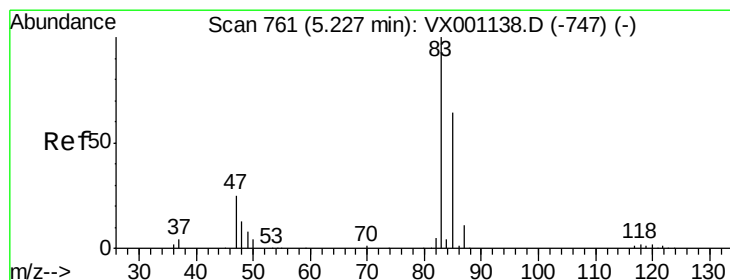
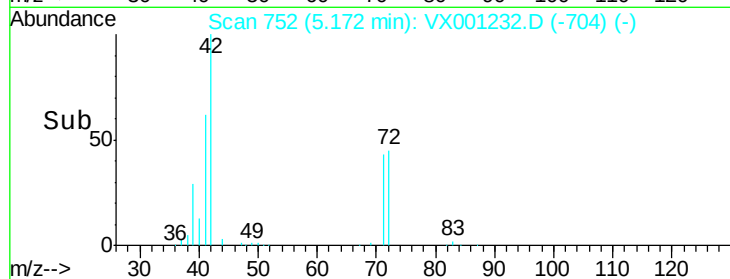
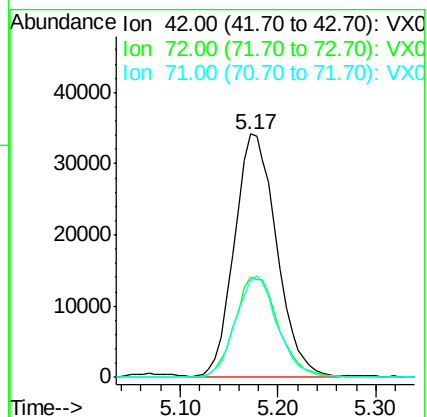
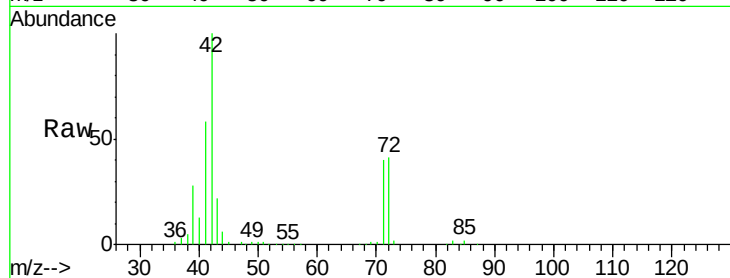
Tgt Ion: 42 Resp: 101631

Ion Ratio Lower Upper

42 100

72 43.0 34.4 51.6

71 41.4 32.1 48.1



#30

Chloroform

Concen: 19.47 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX001232.D

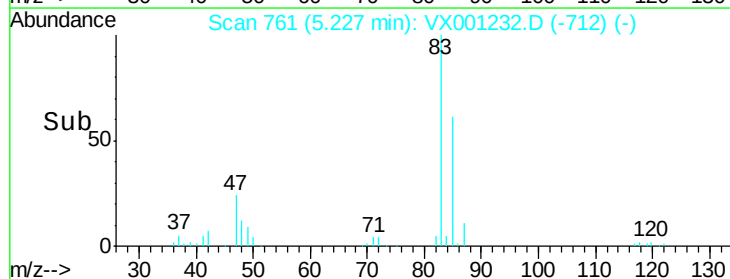
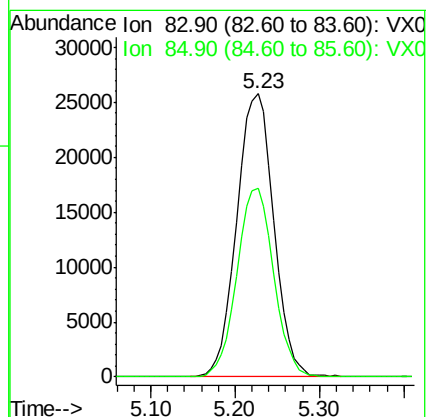
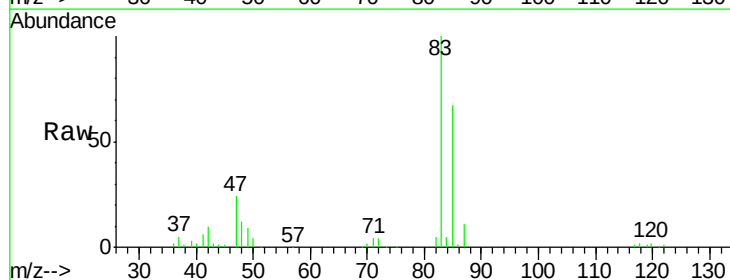
Acq: 29 Apr 2018 00:03

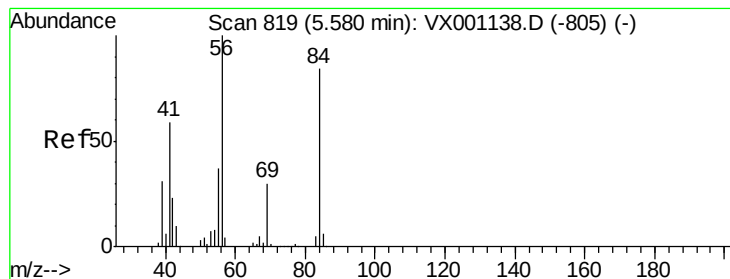
Tgt Ion: 83 Resp: 76657

Ion Ratio Lower Upper

83 100

85 66.7 51.4 77.0





#31

Cyclohexane

Concen: 19.84 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

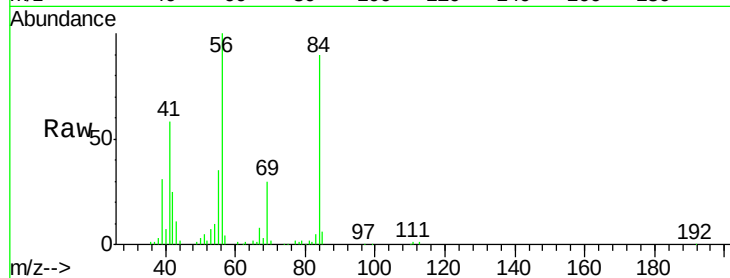
Tgt Ion: 56 Resp: 62399

Ion Ratio Lower Upper

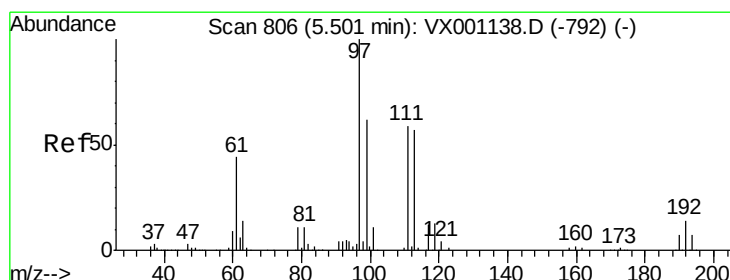
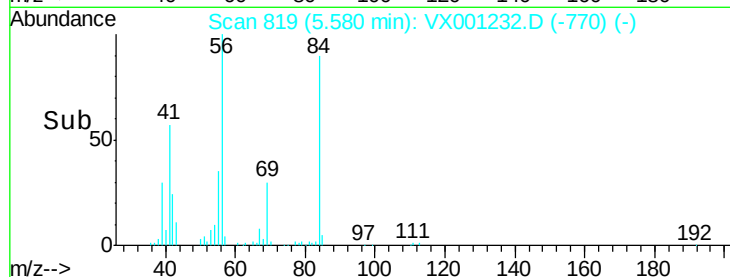
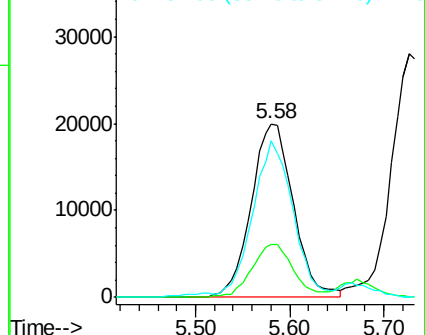
56 100

69 30.5 24.2 36.2

84 88.3 67.5 101.3



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.71 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

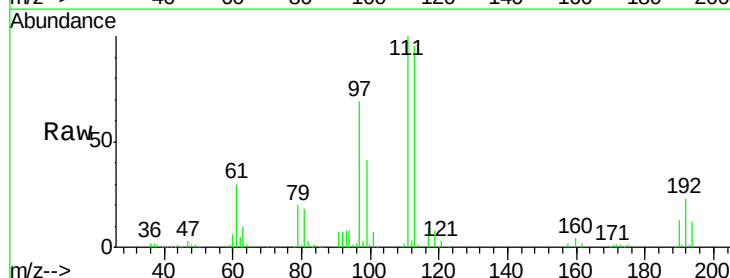
Tgt Ion: 97 Resp: 66985

Ion Ratio Lower Upper

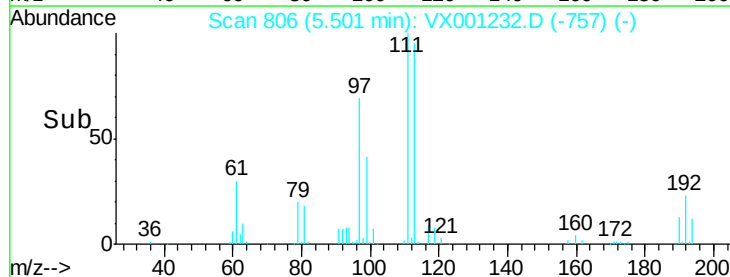
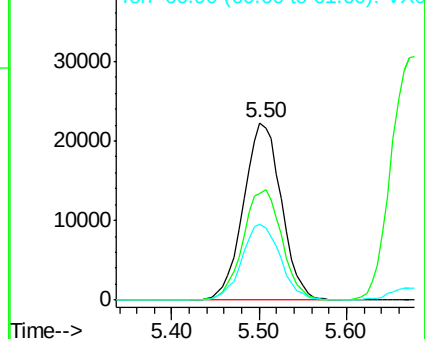
97 100

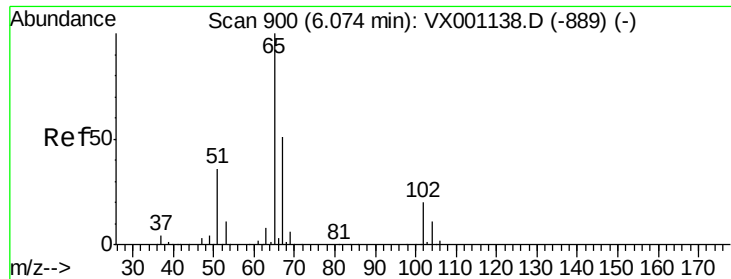
99 63.8 50.9 76.3

61 43.8 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

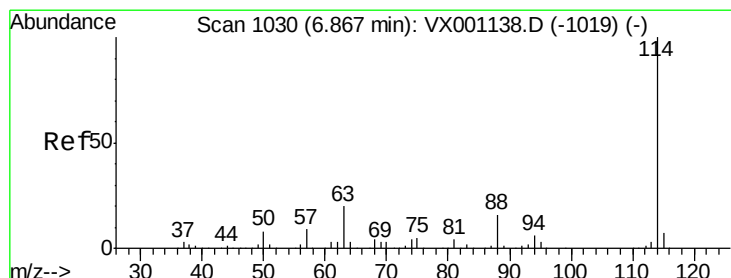
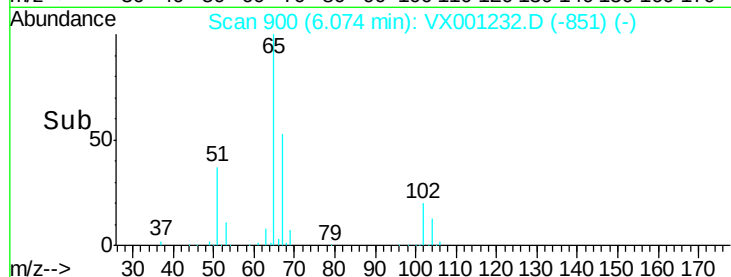
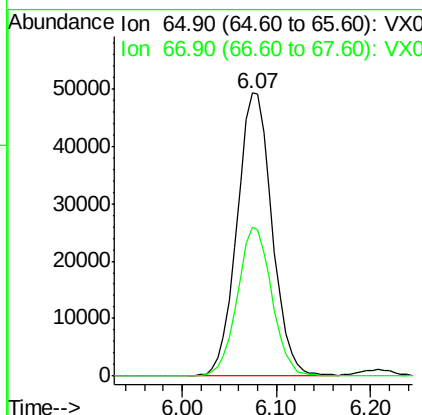
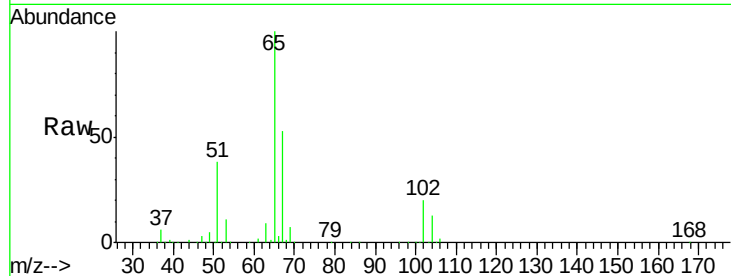




#33
 1,2-Dichloroethane-d4
 Concen: 43.30 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

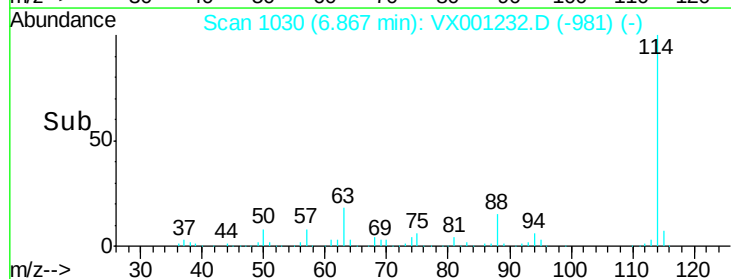
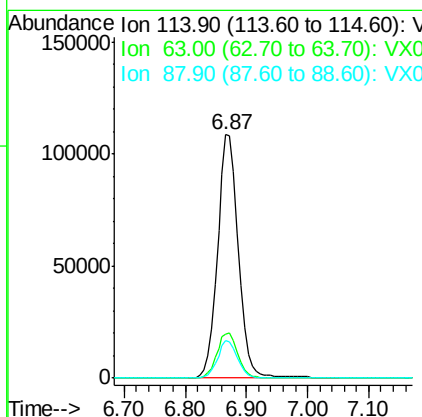
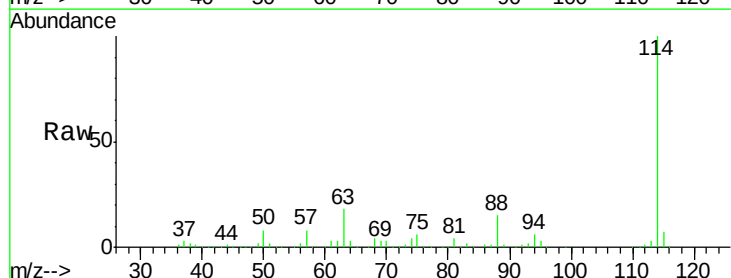
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD02

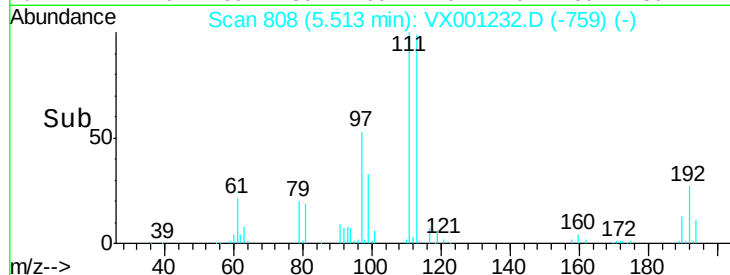
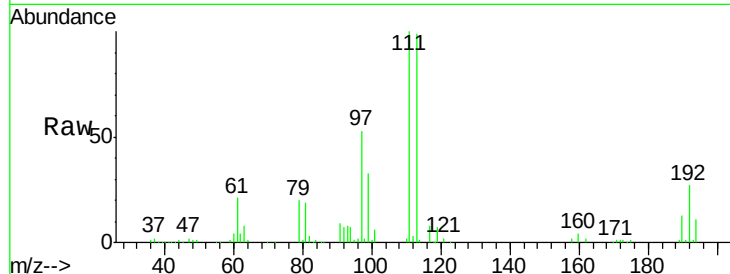
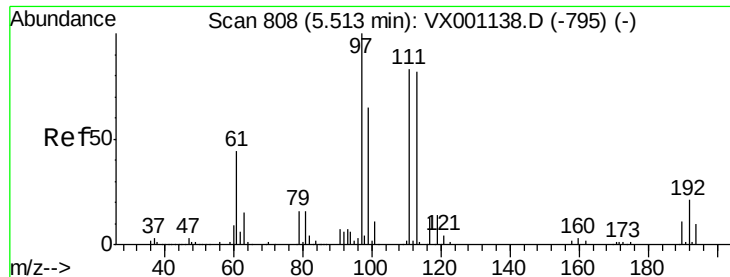
Tgt Ion: 65 Resp: 128092
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

Tgt Ion: 114 Resp: 258365
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.4
 88 15.2 0.0 31.8

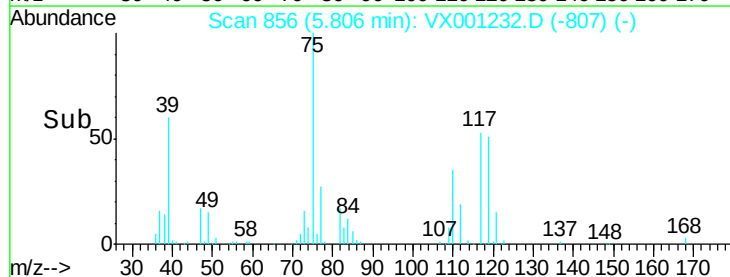
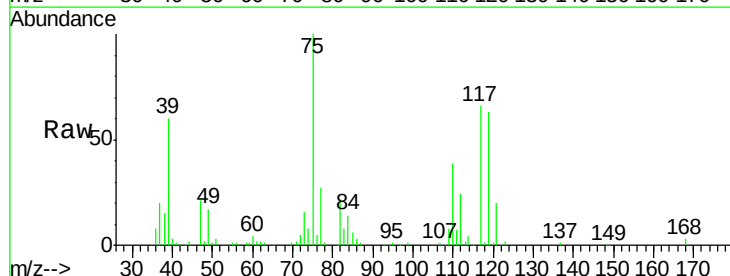
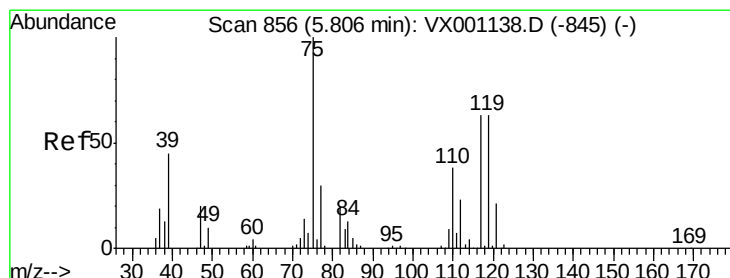
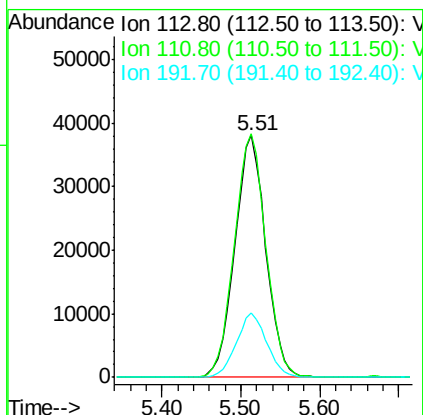




#35
Dibromofluoromethane
Concen: 48.50 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

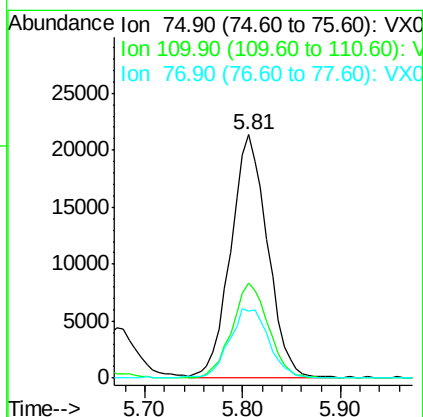
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

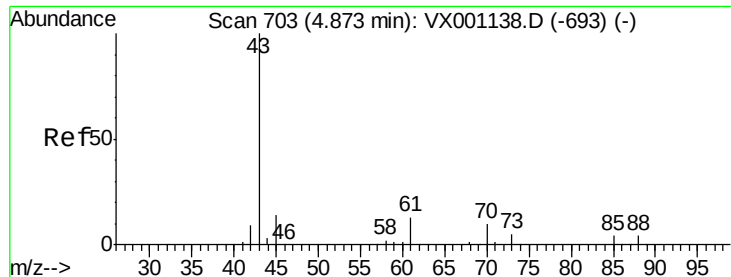
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	26.2	20.6	30.8



#36
1,1-Dichloropropene
Concen: 19.42 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.0	57.0
77	30.8	24.8	37.2

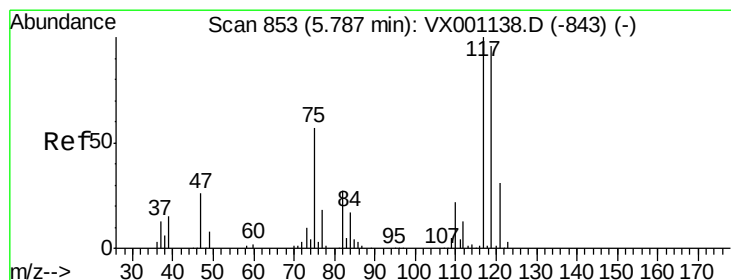
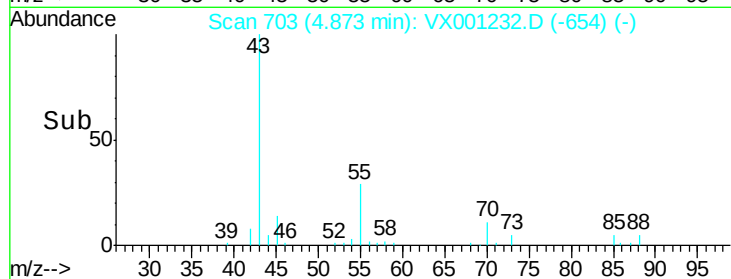
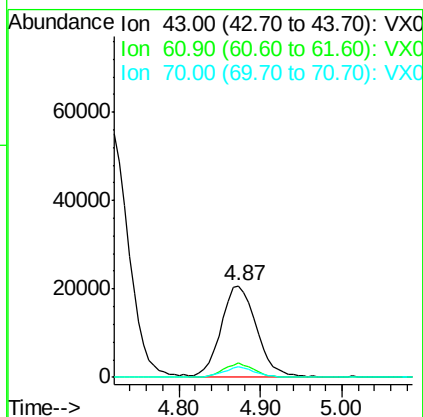
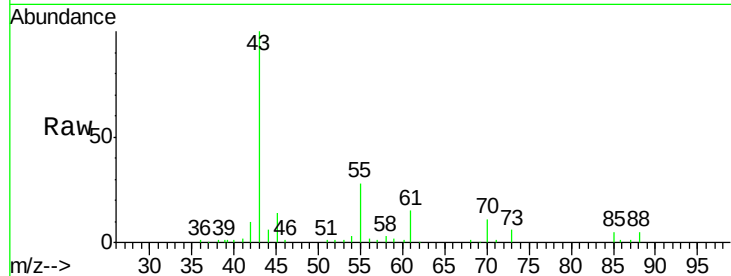




#37
Ethyl Acetate
Concen: 18.03 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

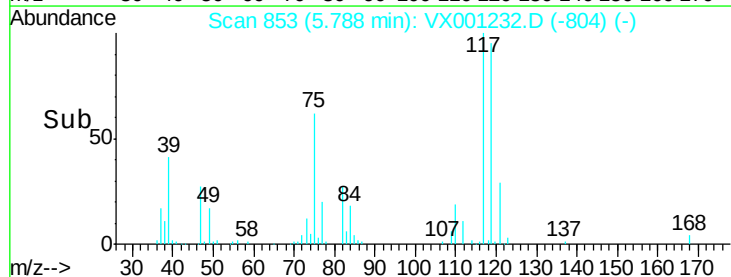
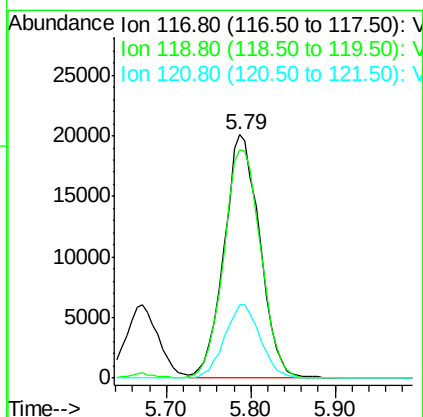
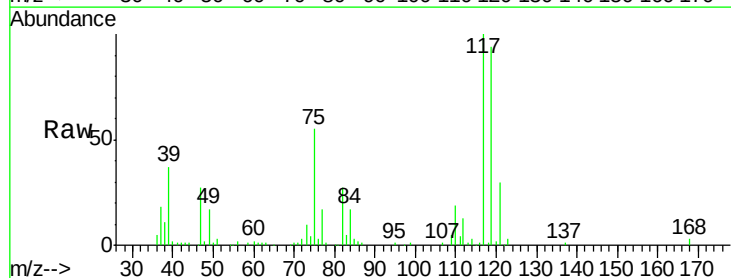
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

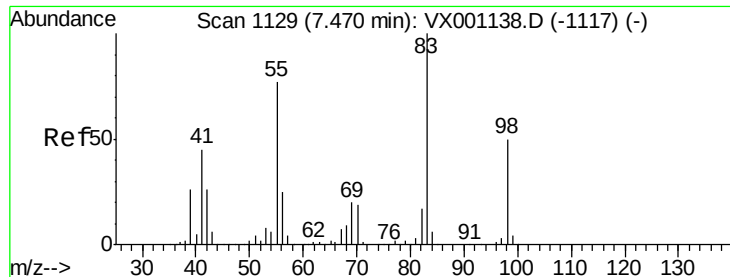
Tgt Ion: 43 Resp: 61460
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.3 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.86 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion: 117 Resp: 57986
Ion Ratio Lower Upper
117 100
119 93.7 76.5 114.7
121 30.2 24.6 37.0

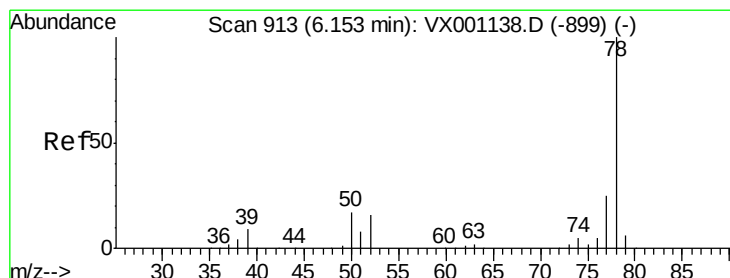
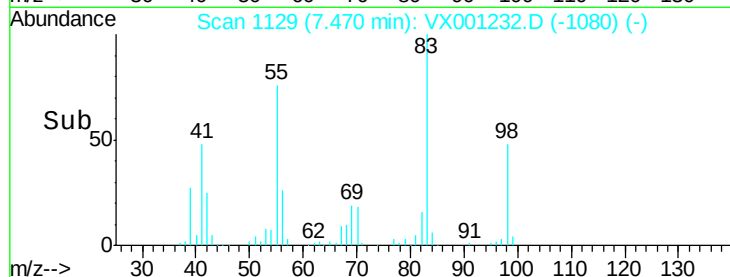
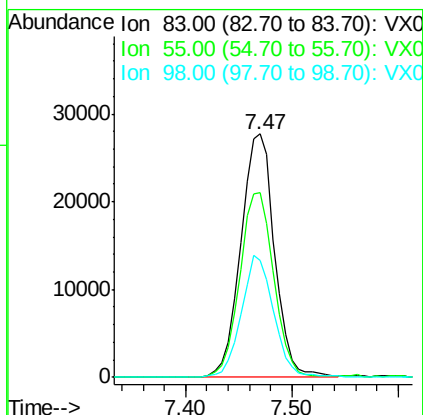
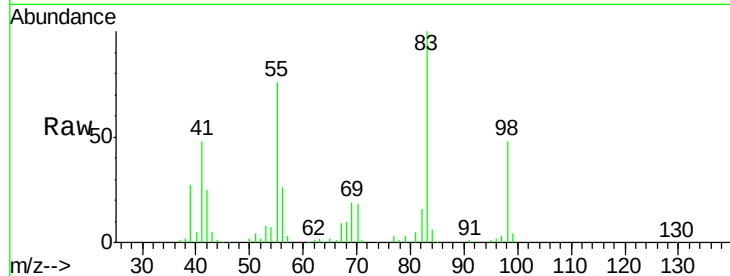




#39
Methylcyclohexane
Concen: 19.58 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

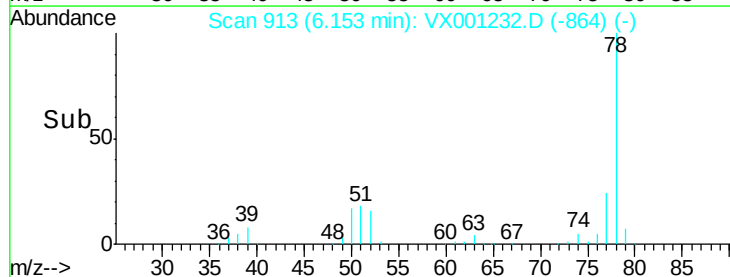
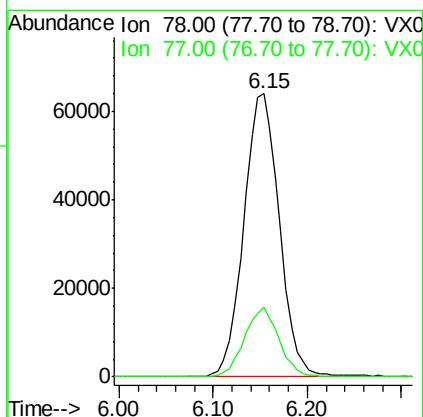
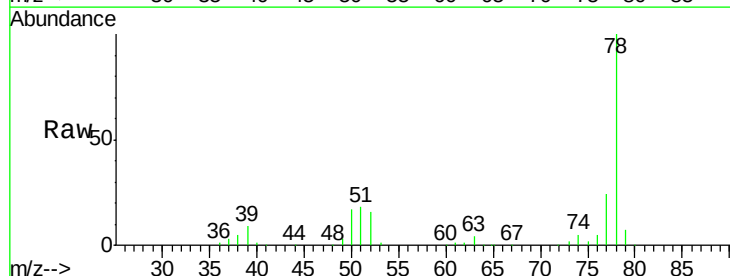
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

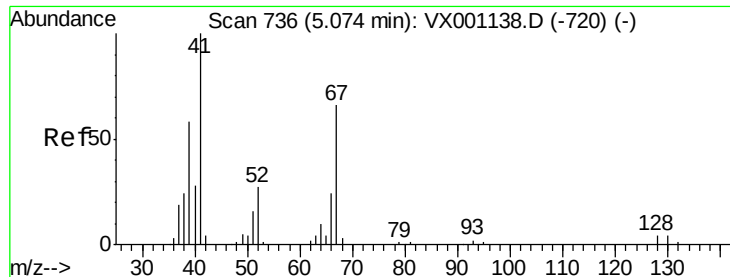
Tgt Ion: 83 Resp: 61710
Ion Ratio Lower Upper
83 100
55 75.6 61.8 92.6
98 47.8 40.0 60.0



#40
Benzene
Concen: 20.38 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion: 78 Resp: 167827
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5

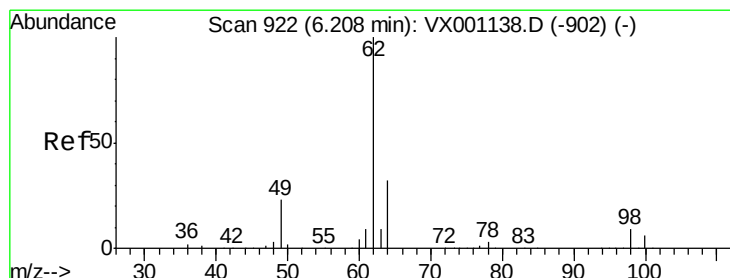
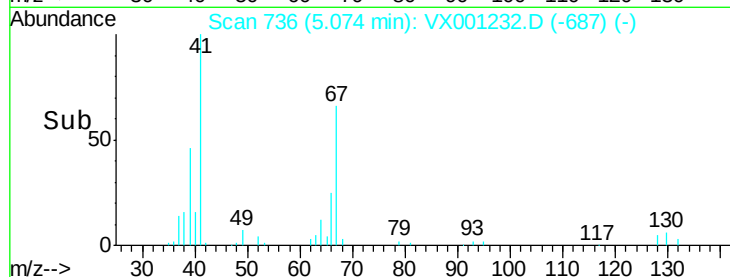
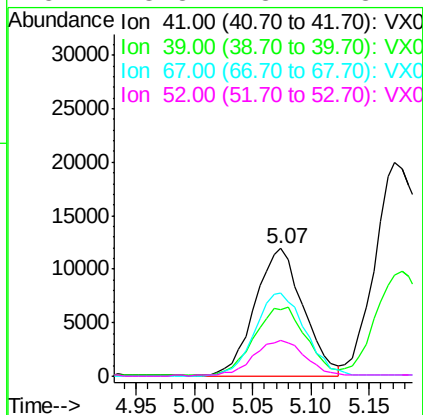
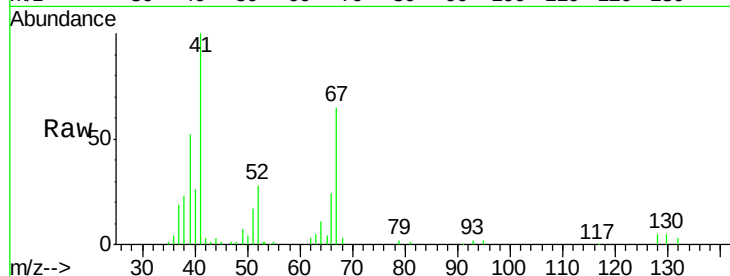




#41
Methacrylonitrile
Concen: 17.93 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

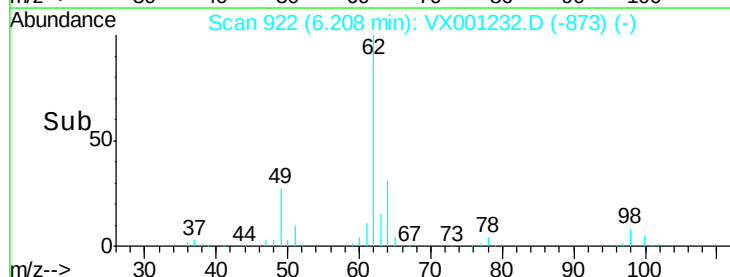
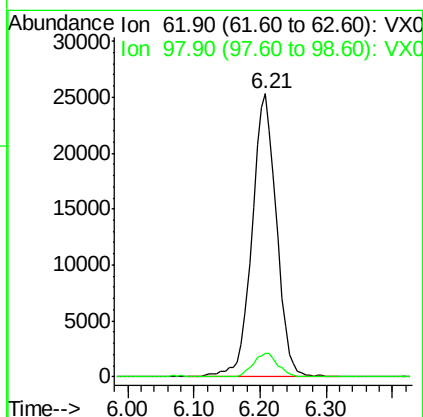
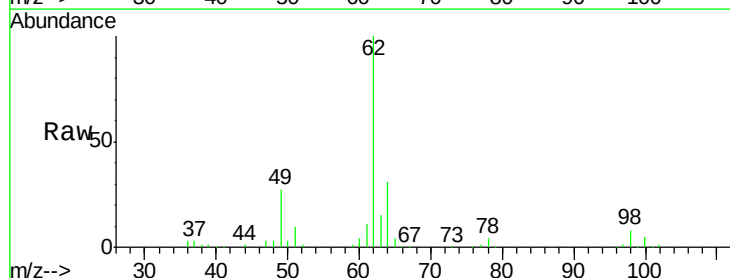
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

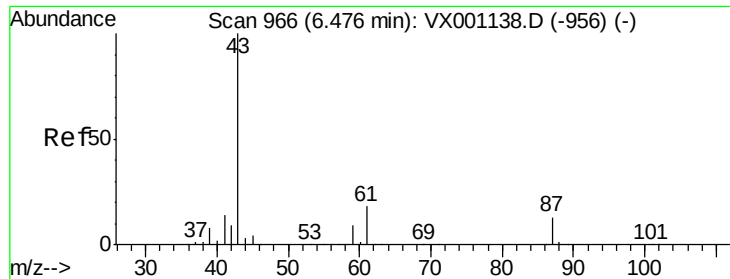
Tgt Ion:	41	Resp:	34354
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.9	68.9
67	69.1	53.2	79.8
52	28.8	23.1	34.7



#42
1,2-Dichloroethane
Concen: 19.61 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion:	62	Resp:	65095
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0

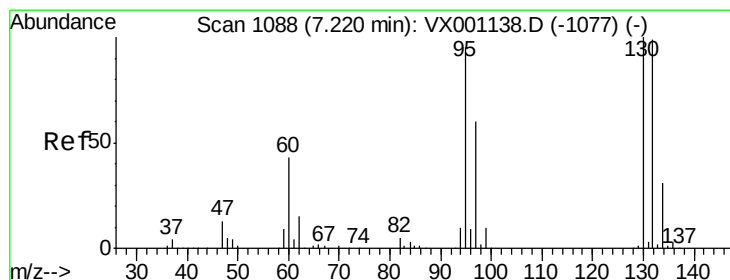
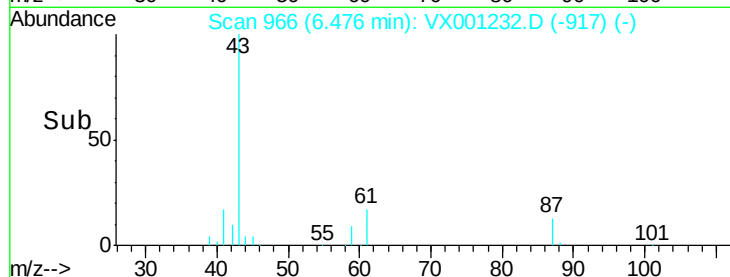
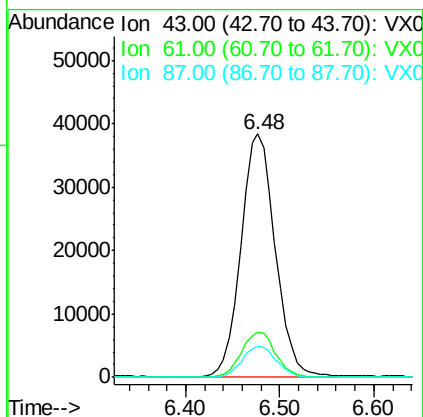
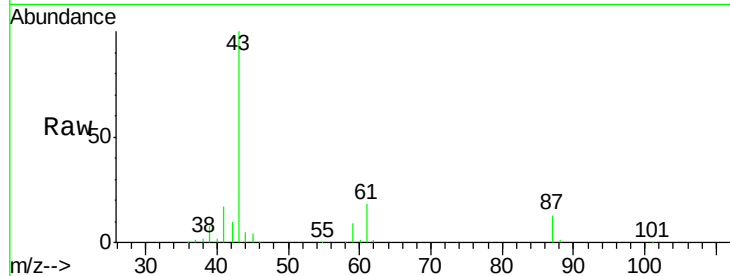




#43
Isopropyl Acetate
Concen: 18.34 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

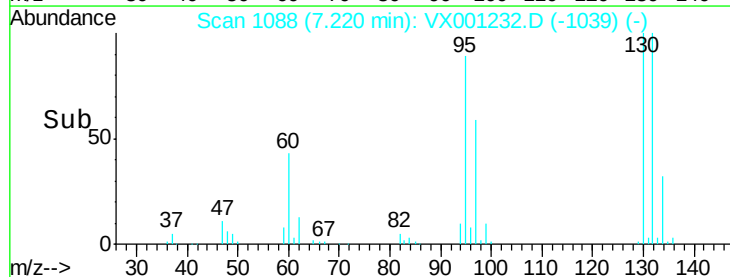
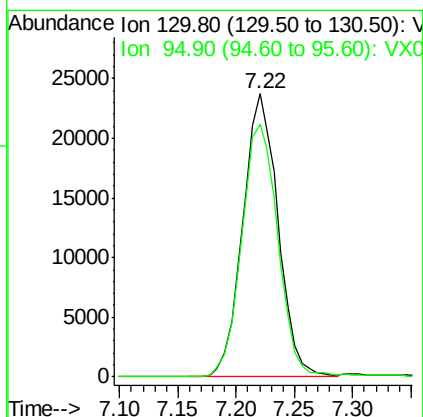
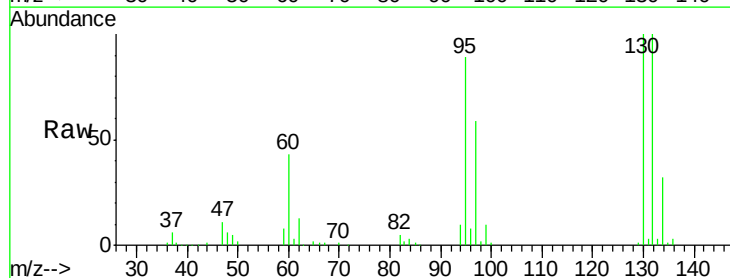
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

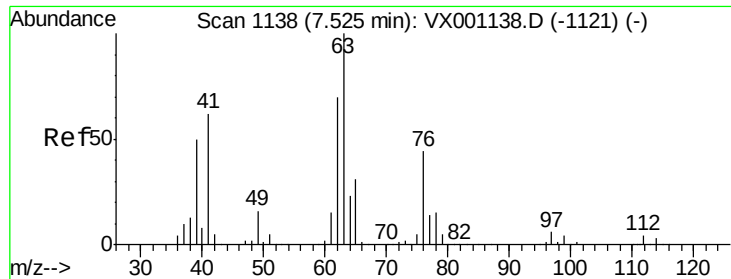
Tgt Ion: 43 Resp: 98209
Ion Ratio Lower Upper
43 100
61 18.7 15.0 22.6
87 12.8 10.3 15.5



#44
Trichloroethene
Concen: 20.42 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion: 130 Resp: 50112
Ion Ratio Lower Upper
130 100
95 89.3 0.0 189.6

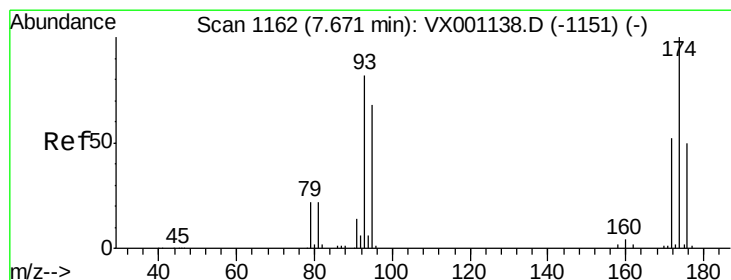
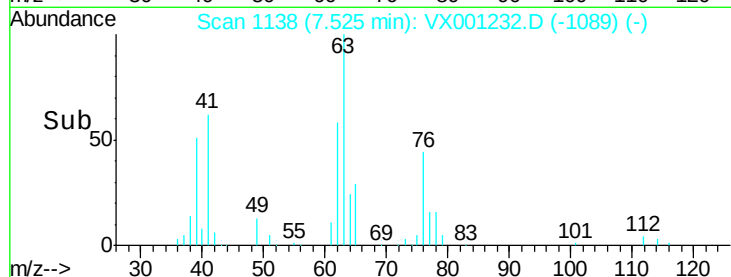
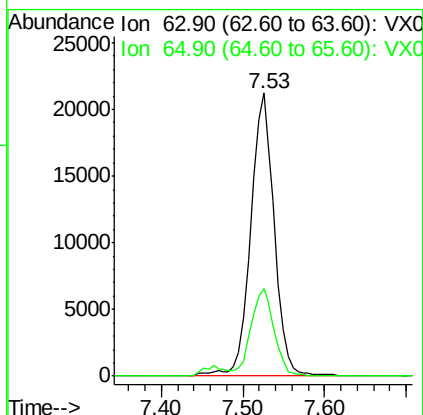
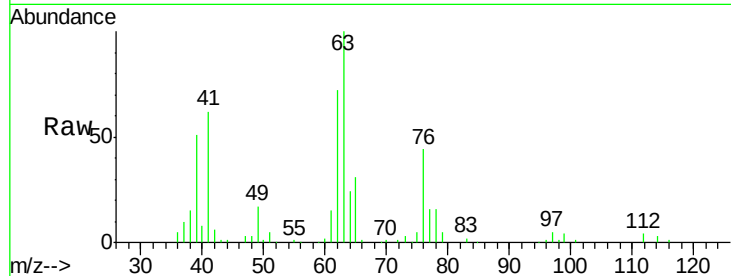




#45
 1,2-Dichloropropane
 Concen: 19.85 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

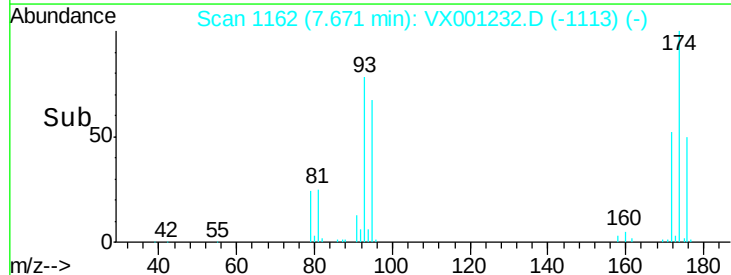
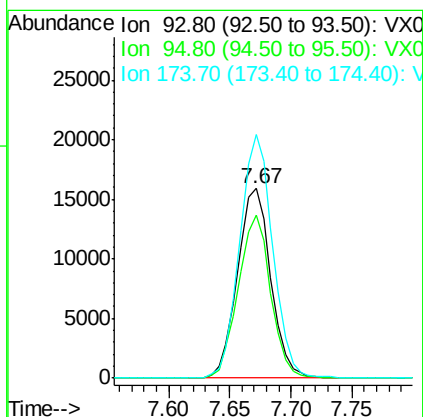
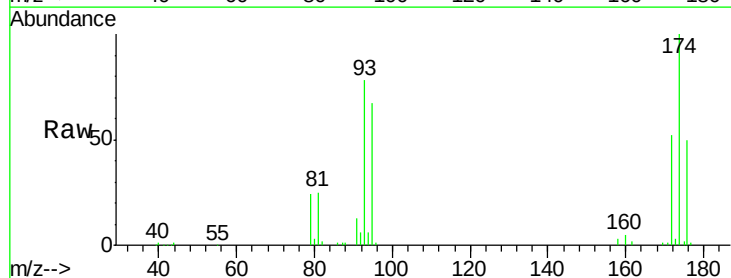
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD02

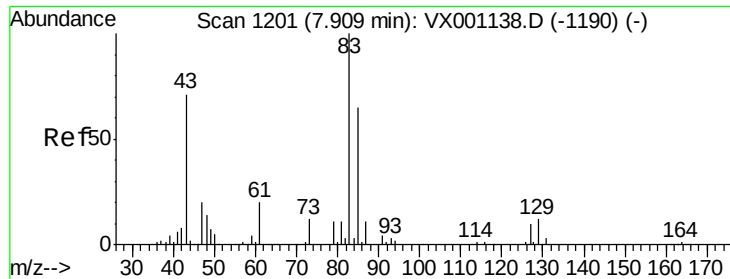
Tgt Ion: 63 Resp: 43010
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 20.05 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

Tgt Ion: 93 Resp: 30078
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.4 99.6
 174 127.3 99.6 149.4





#47

Bromodichloromethane

Concen: 19.33 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

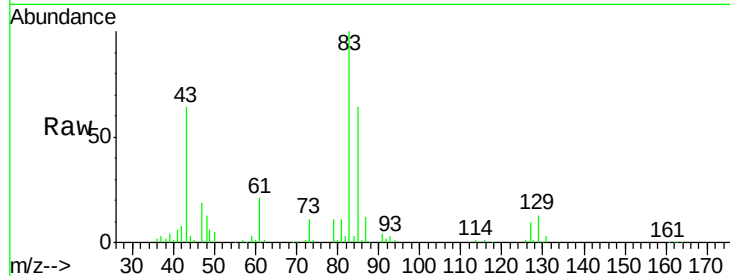
Tgt Ion: 83 Resp: 52696

Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

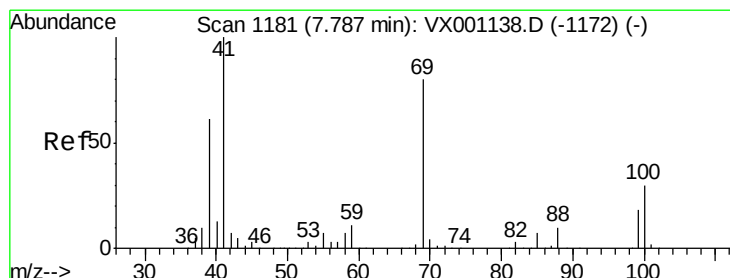
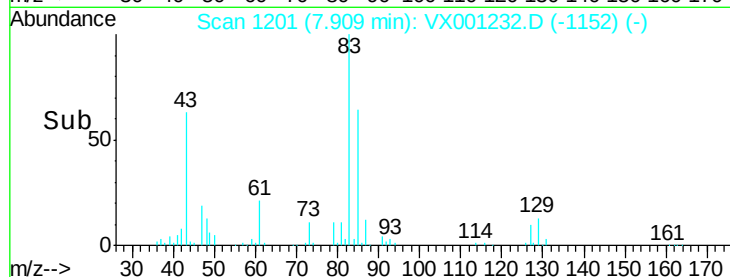
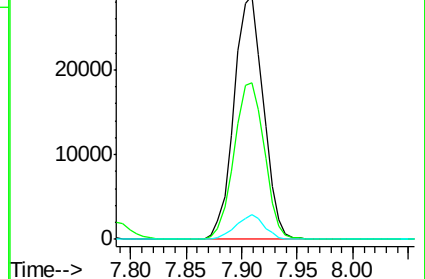
127 10.2 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.36 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

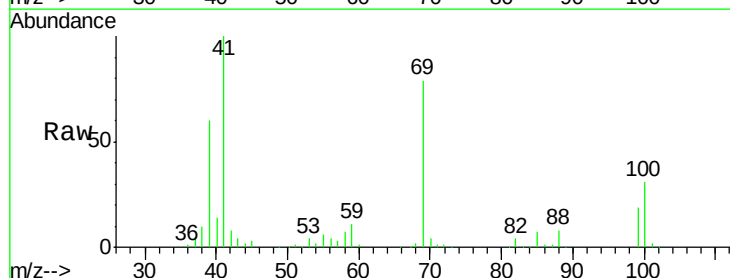
Tgt Ion: 41 Resp: 52244

Ion Ratio Lower Upper

41 100

69 77.9 62.4 93.6

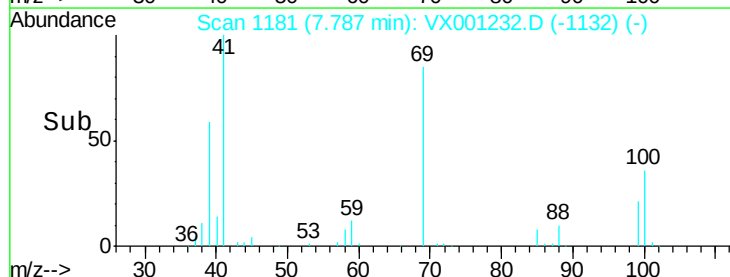
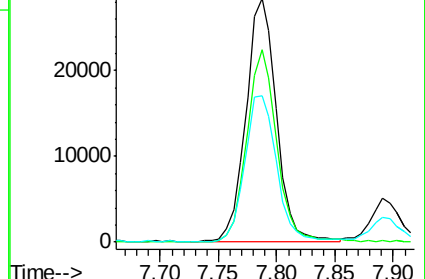
39 62.4 48.7 73.1

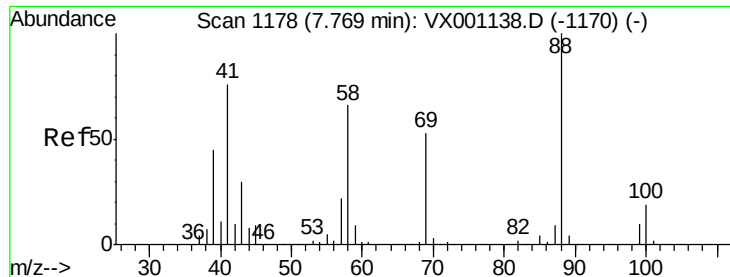


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

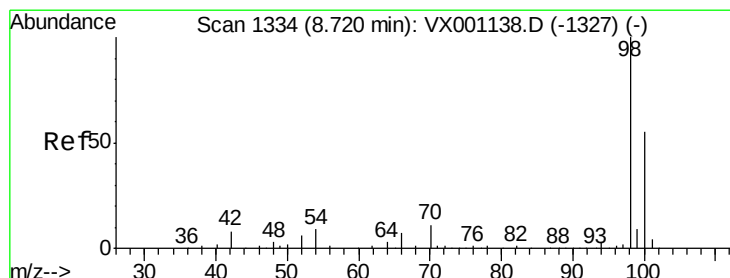
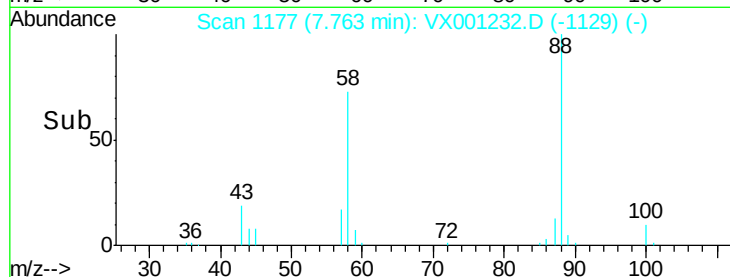
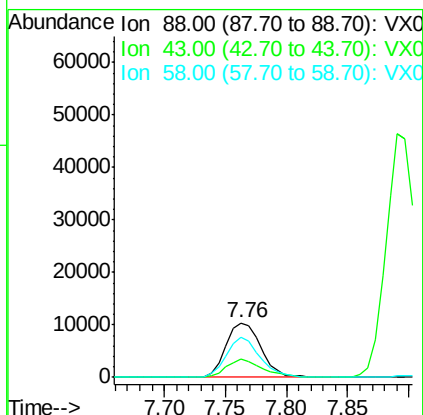
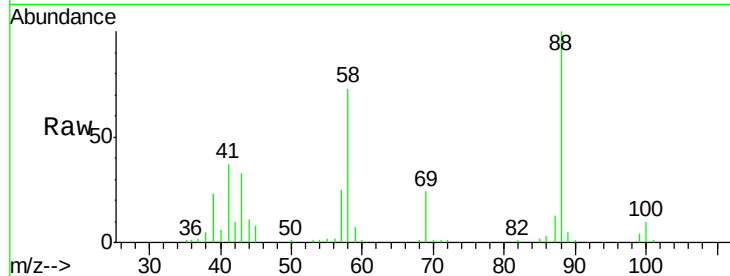




#49
1,4-Dioxane
Concen: 362.07 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

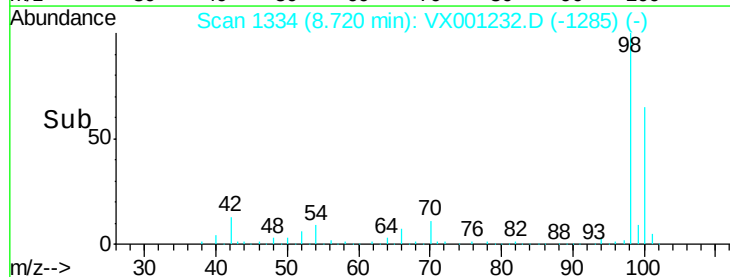
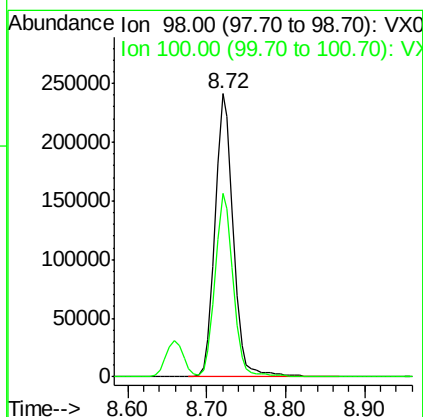
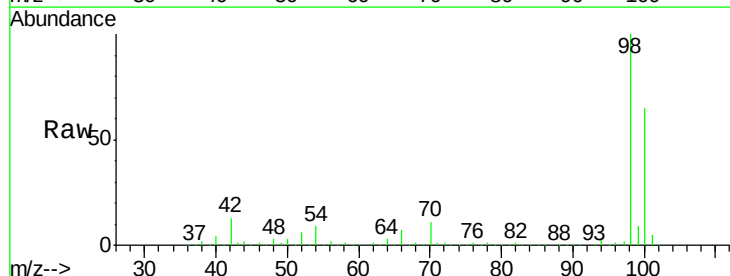
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

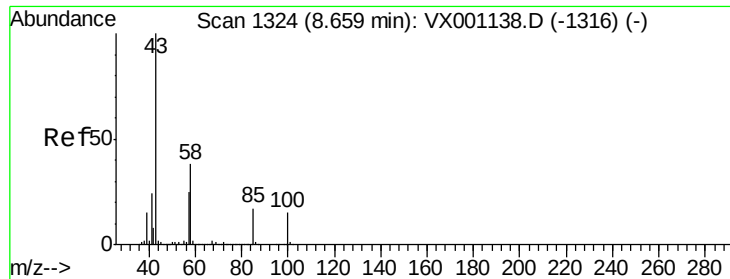
Tgt Ion: 88 Resp: 20632
Ion Ratio Lower Upper
88 100
43 35.6 27.3 40.9
58 71.0 54.2 81.4



#50
Toluene-d8
Concen: 48.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion: 98 Resp: 389352
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

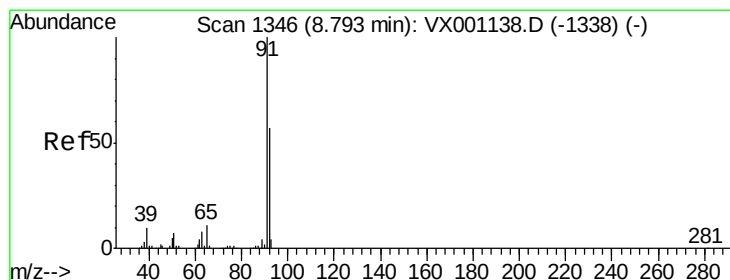
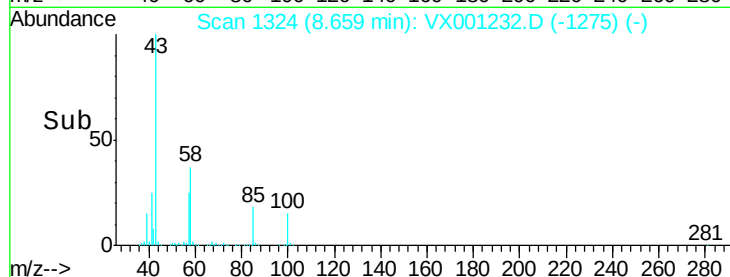
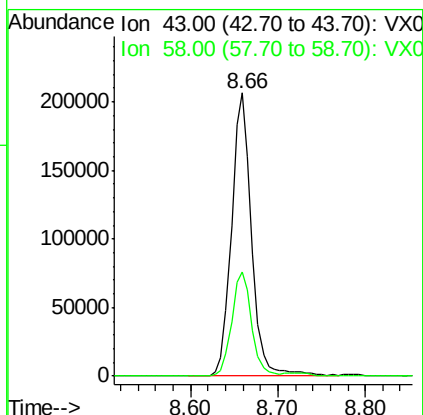
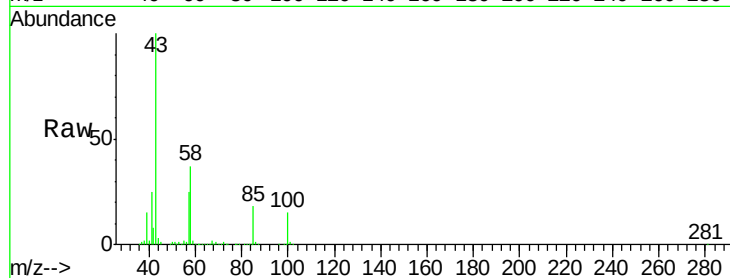




#51
 4-Methyl-2-Pentanone
 Concen: 93.84 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

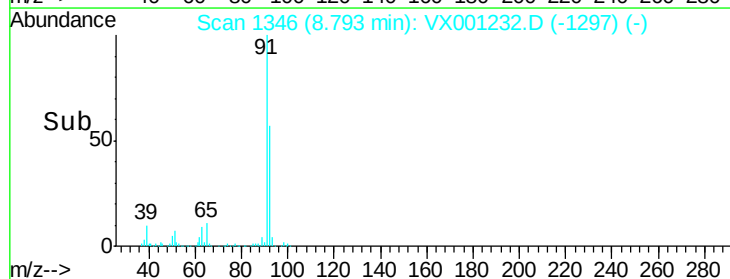
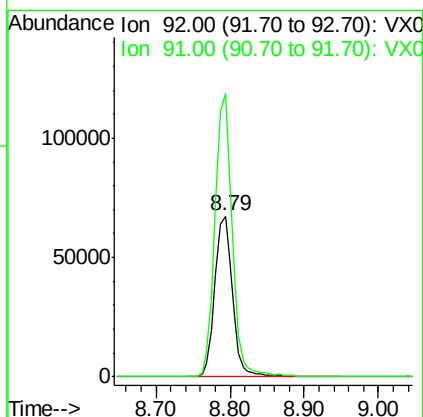
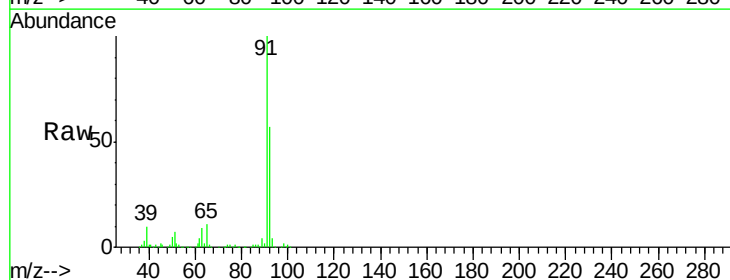
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD02

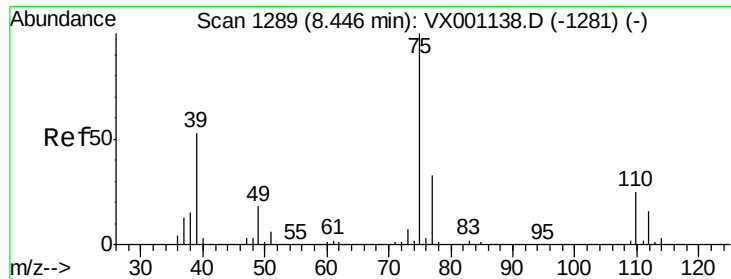
Tgt Ion: 43 Resp: 330062
 Ion Ratio Lower Upper
 43 100
 58 36.2 30.2 45.2



#52
 Toluene
 Concen: 20.52 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

Tgt Ion: 92 Resp: 110499
 Ion Ratio Lower Upper
 92 100
 91 172.1 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 18.68 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

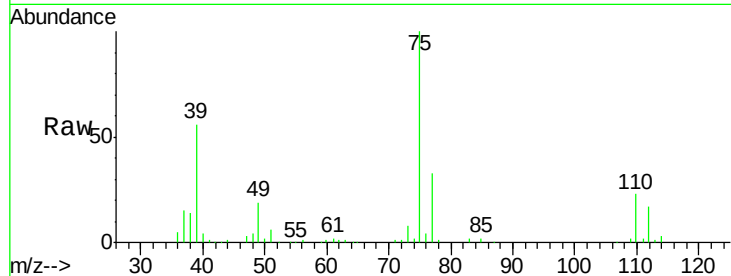
VX0428WBSD02

Tgt Ion: 75 Resp: 59201

Ion Ratio Lower Upper

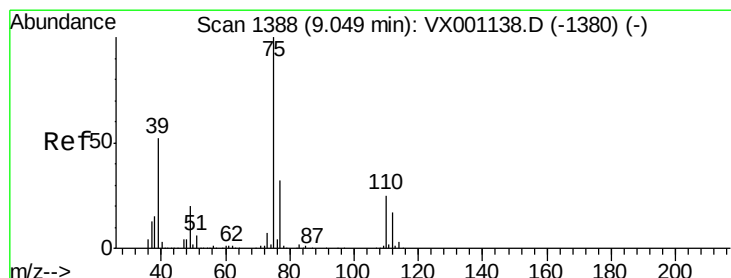
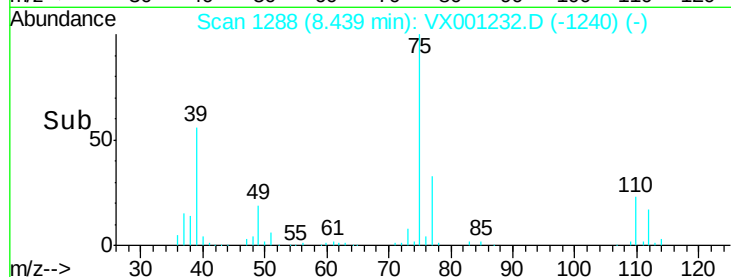
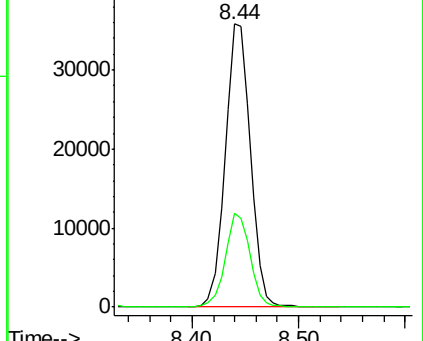
75 100

77 33.4 26.2 39.4



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: 17.98 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

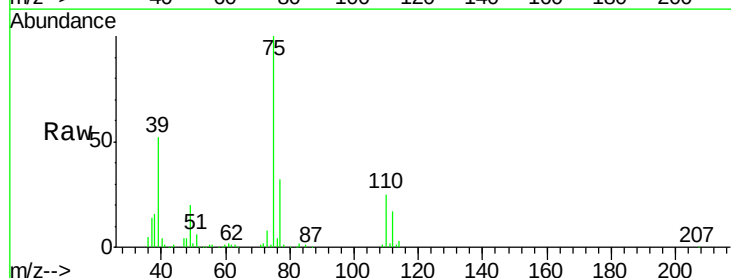
Tgt Ion: 75 Resp: 54334

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

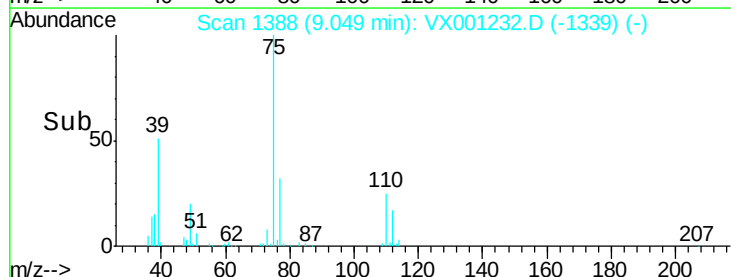
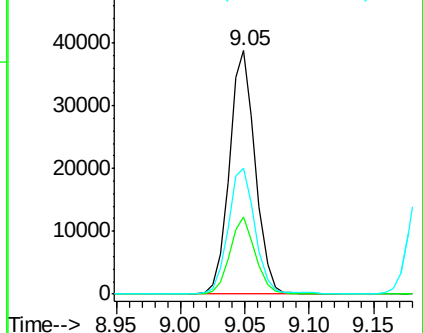
39 51.3 42.0 63.0

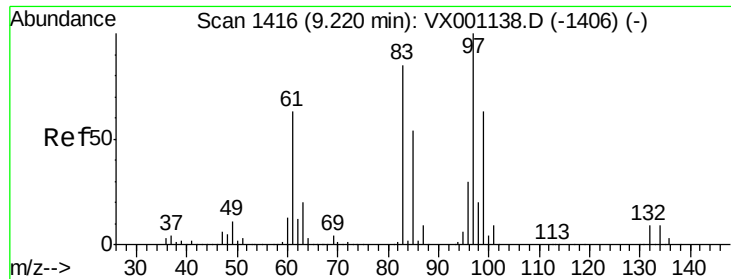


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

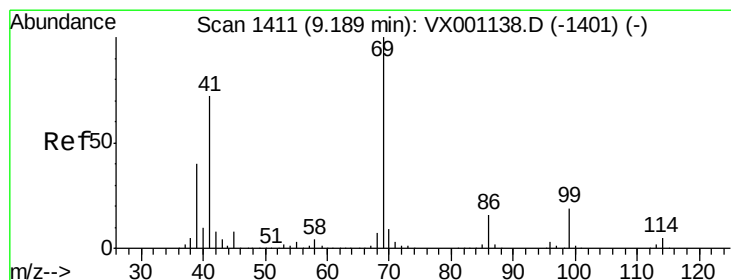
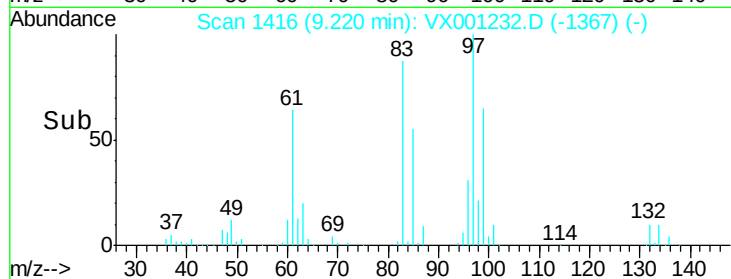
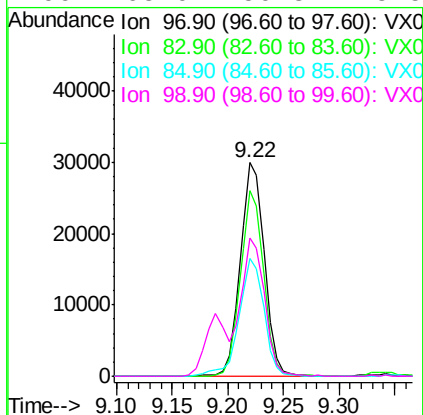
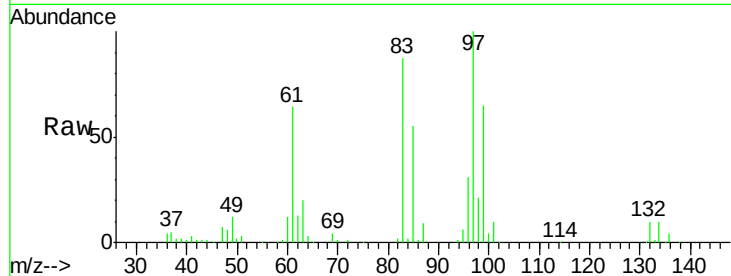




#55
 1,1,2-Trichloroethane
 Concen: 19.67 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

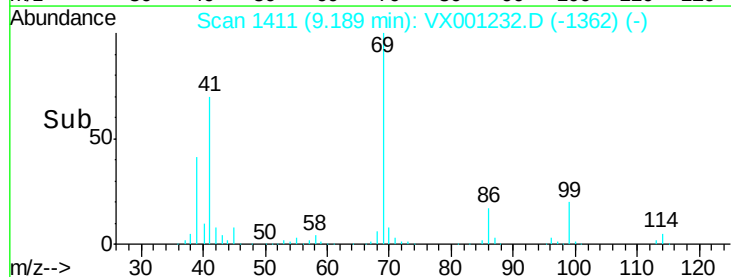
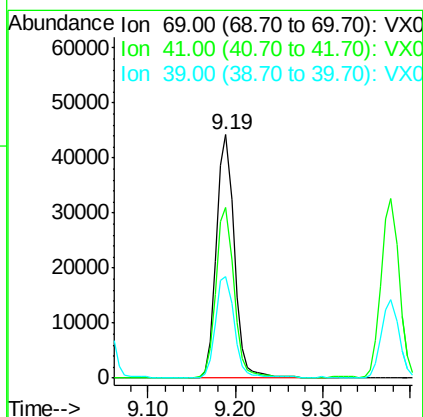
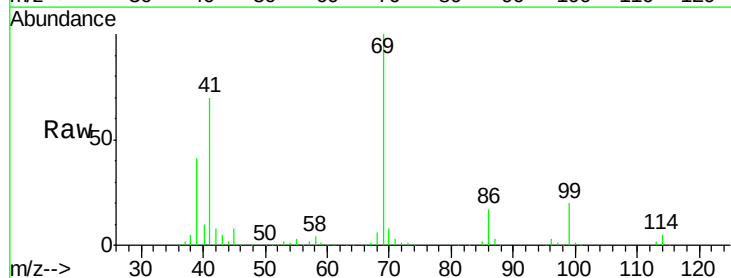
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD02

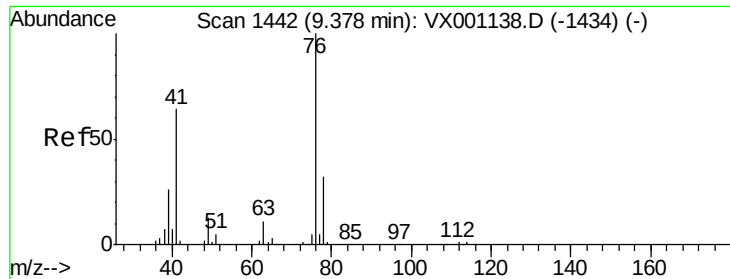
Tgt Ion:	97	Resp:	44825
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.0	102.0
85	55.2	42.9	64.3
99	65.0	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 18.68 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

Tgt Ion:	69	Resp:	63076
Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.7	86.5
39	42.9	33.3	49.9





#57

1,3-Dichloropropane

Concen: 19.96 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

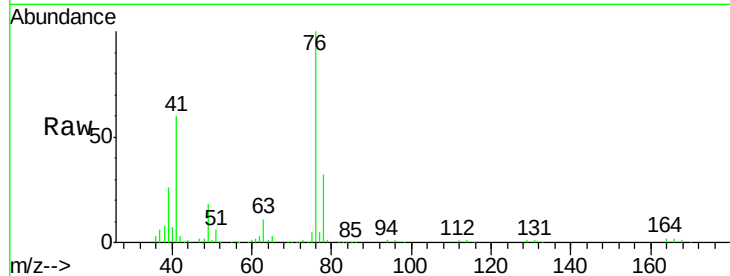
VX0428WBSD02

Tgt Ion: 76 Resp: 73576

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

60000

50000

40000

30000

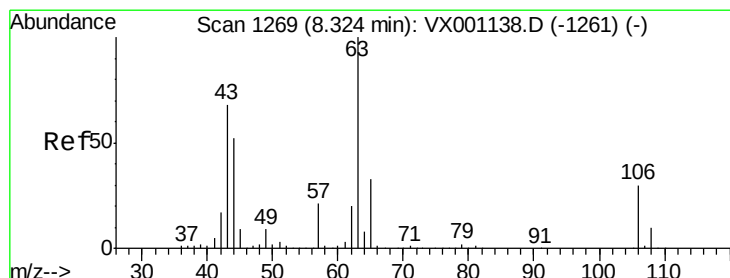
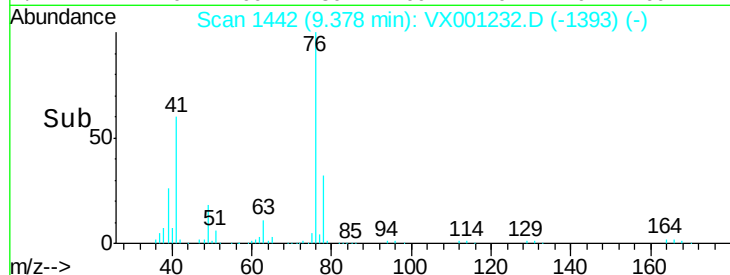
20000

10000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 94.00 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001232.D

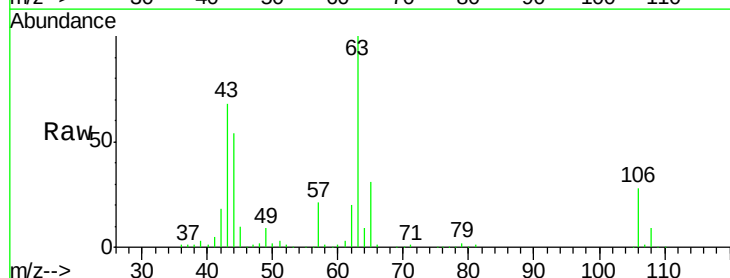
Acq: 29 Apr 2018 00:03

Tgt Ion: 63 Resp: 150037

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

100000

80000

60000

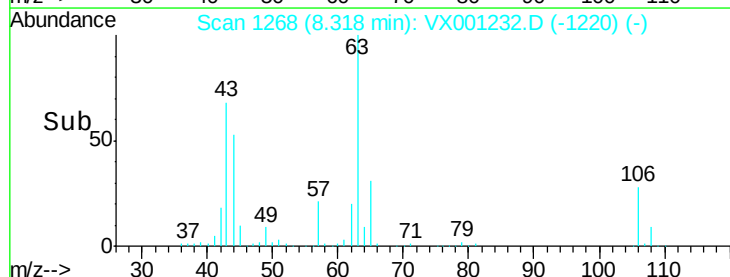
40000

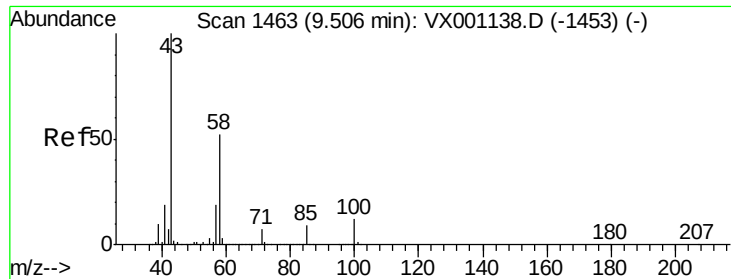
20000

0

8.20 8.30 8.40

Time-->

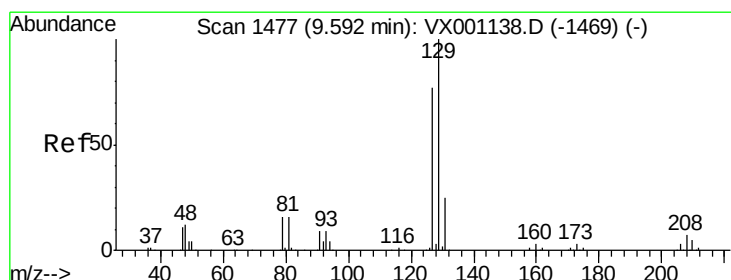
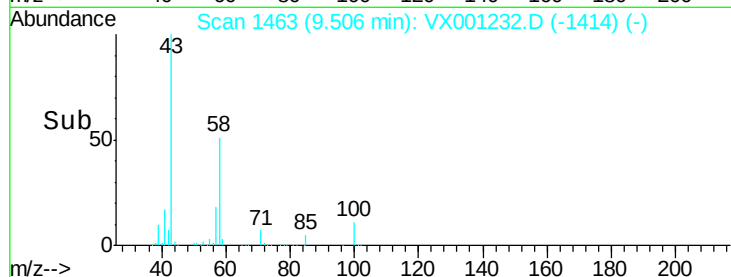
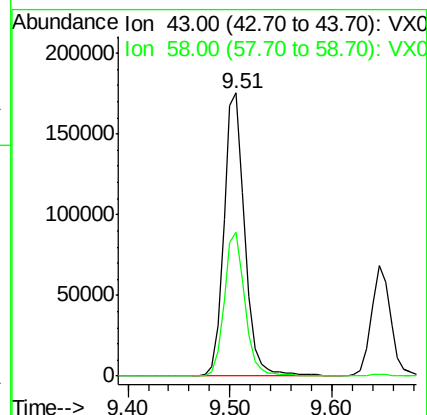
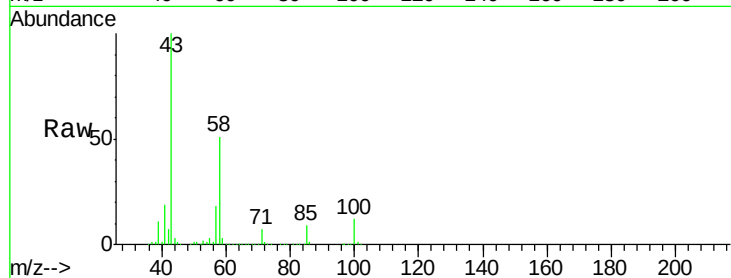




#59
2-Hexanone
Concen: 90.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

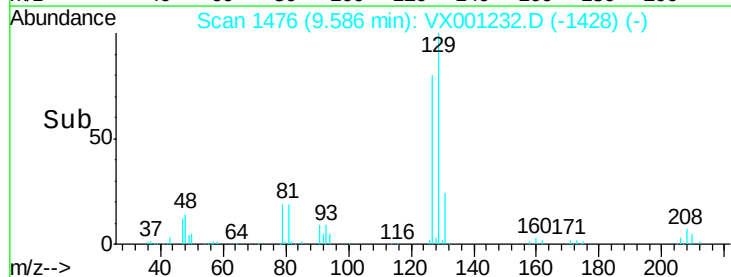
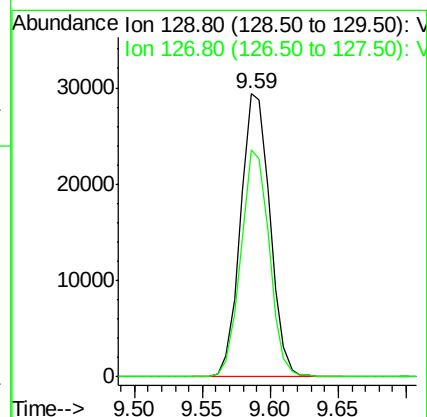
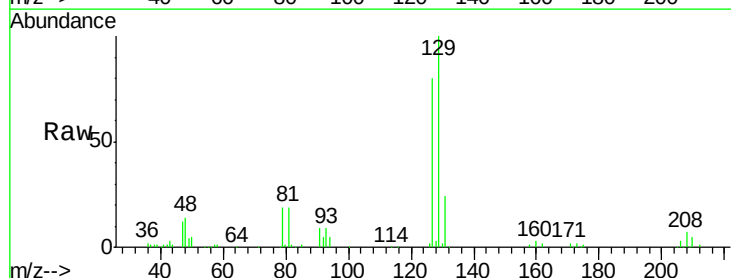
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

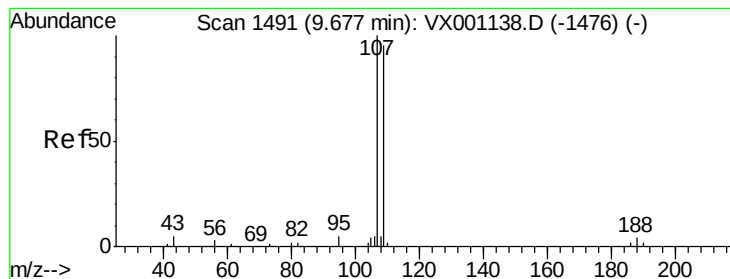
Tgt Ion: 43 Resp: 250532
Ion Ratio Lower Upper
43 100
58 50.5 25.8 77.4



#60
Dibromochloromethane
Concen: 18.86 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion: 129 Resp: 44269
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.88 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

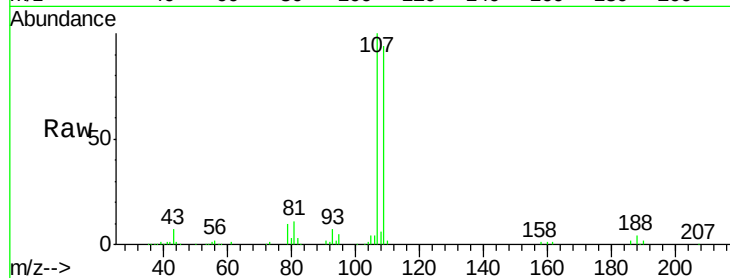
VX0428WBSD02

Tgt Ion: 107 Resp: 47462

Ion Ratio Lower Upper

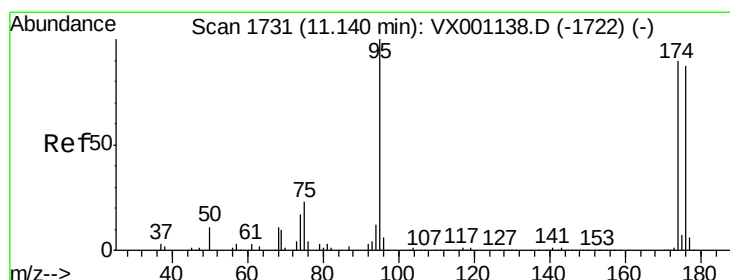
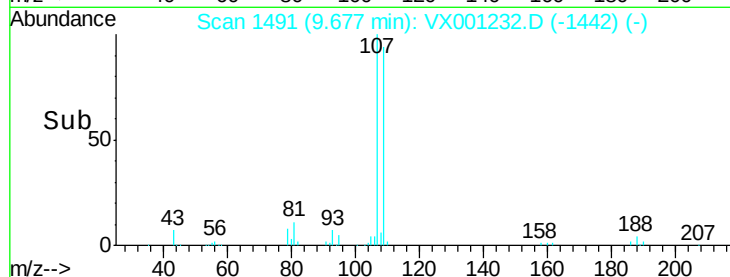
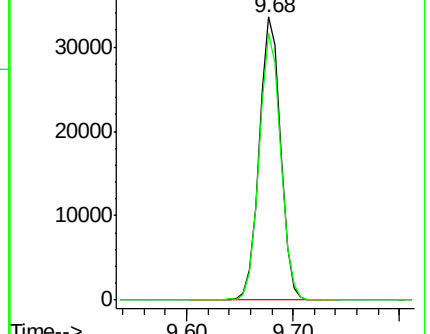
107 100

109 95.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

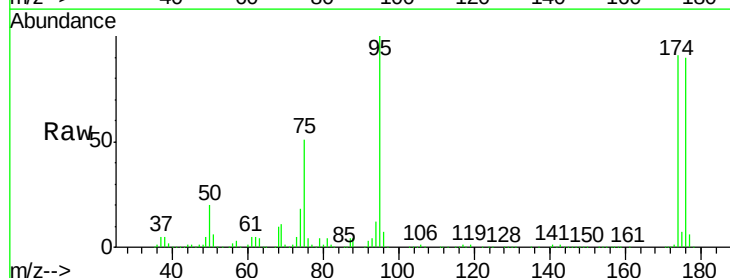
Tgt Ion: 95 Resp: 147671

Ion Ratio Lower Upper

95 100

174 101.2 0.0 194.4

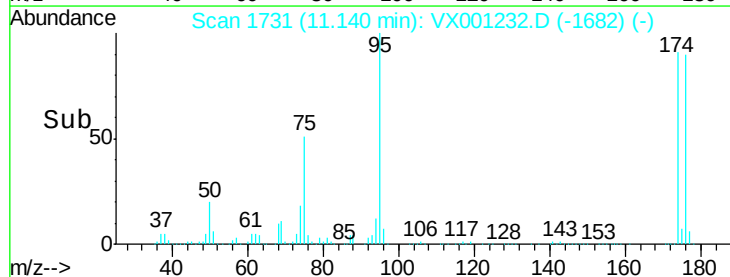
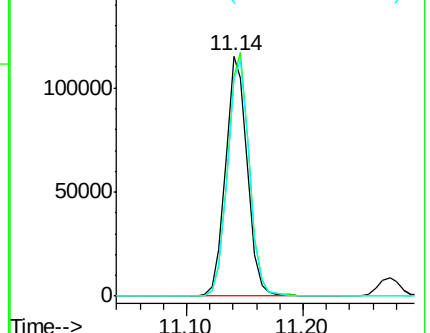
176 99.4 0.0 190.2

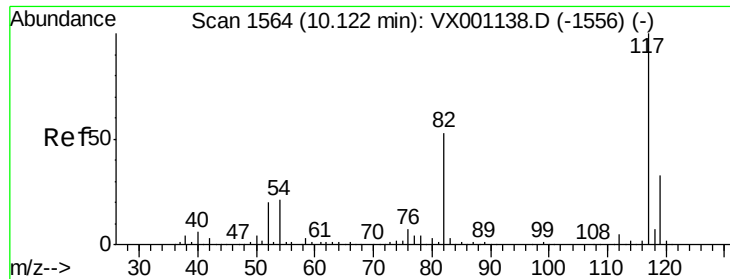


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

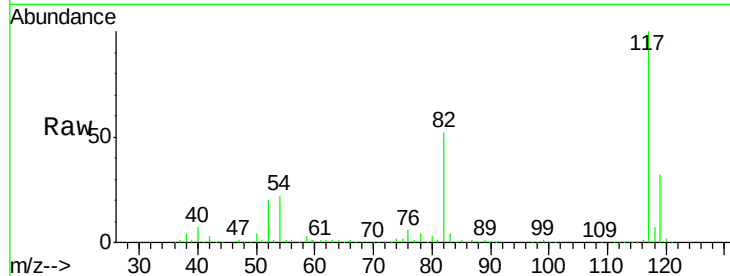




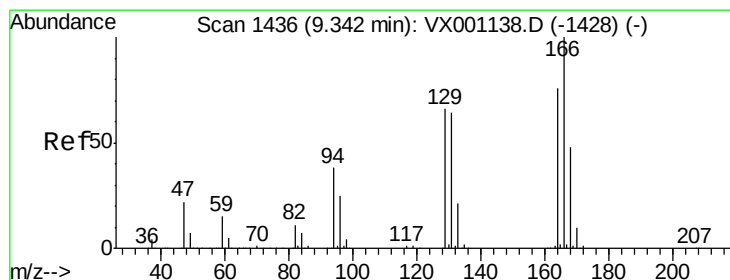
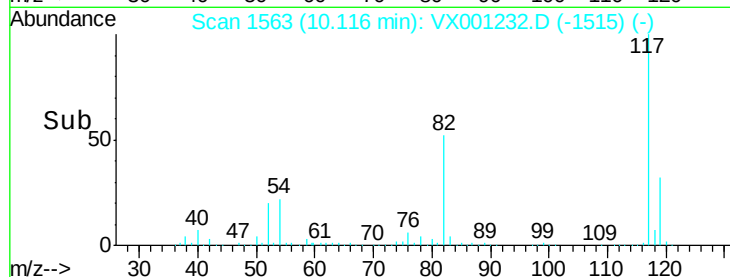
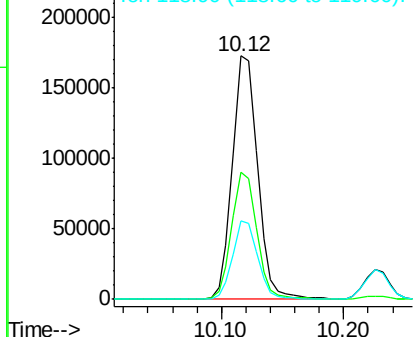
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

Tgt Ion:117 Resp: 247242
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 32.1 26.1 39.1

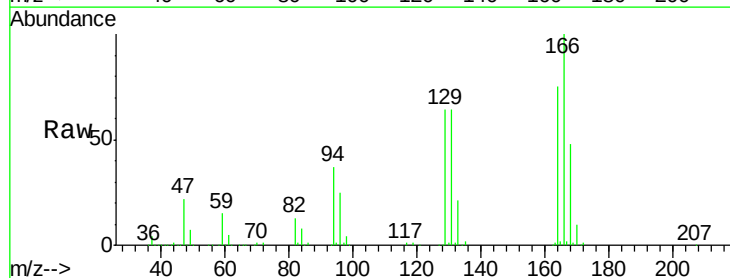


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

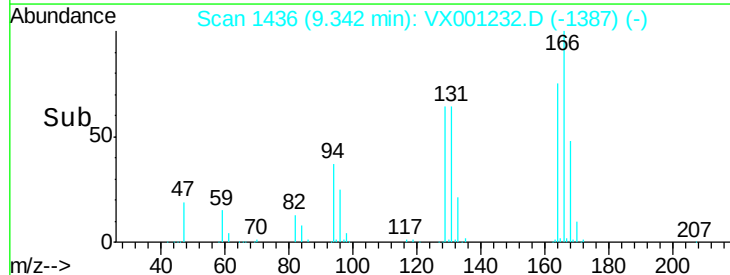
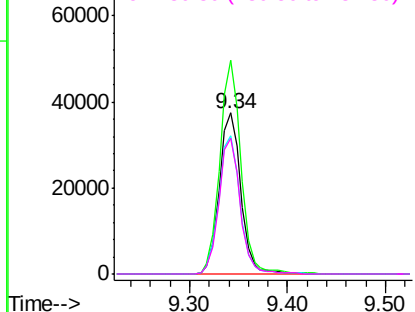


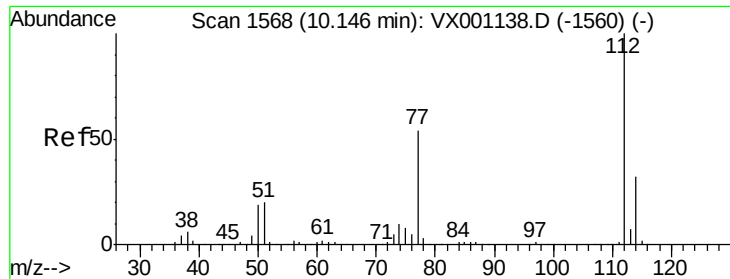
#64
Tetrachloroethene
Concen: 21.88 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion:164 Resp: 57756
Ion Ratio Lower Upper
164 100
166 132.7 105.0 157.6
129 85.6 69.4 104.2
131 84.3 67.3 100.9



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

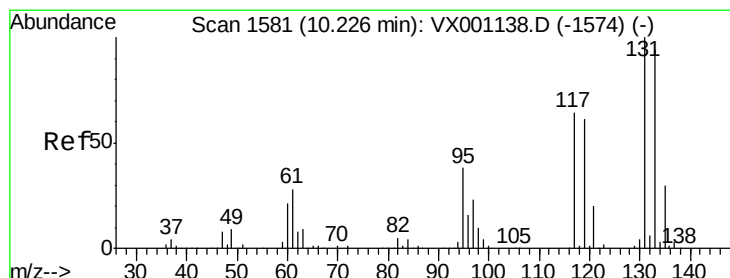
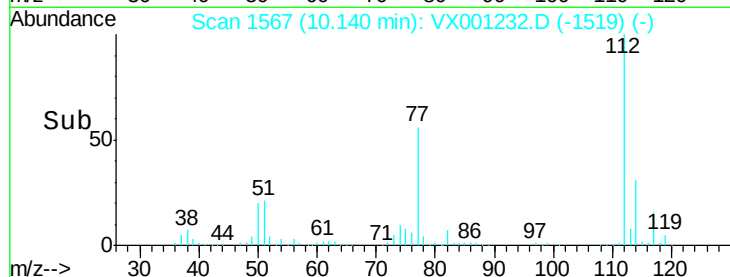
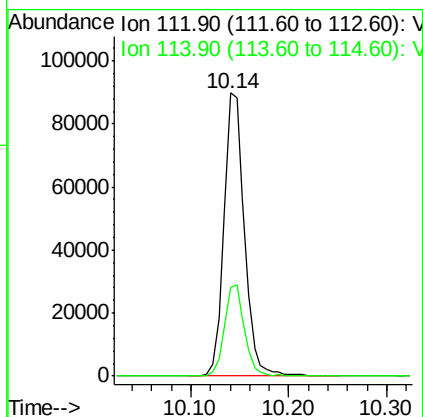
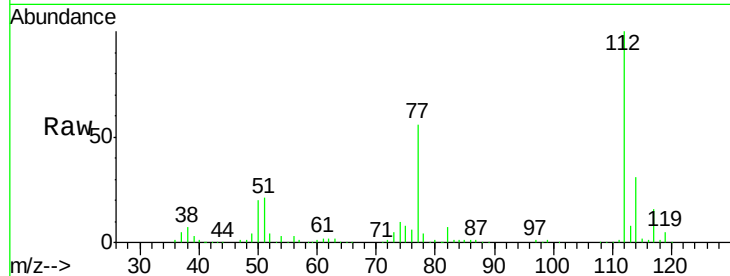




#65
Chlorobenzene
Concen: 20.09 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

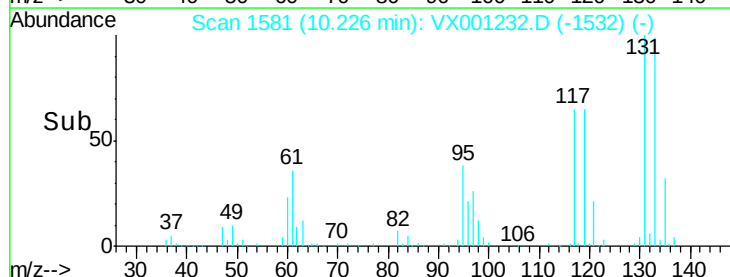
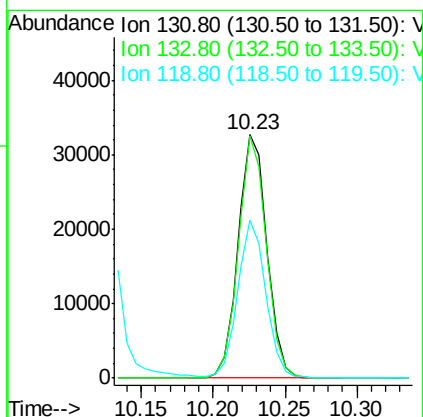
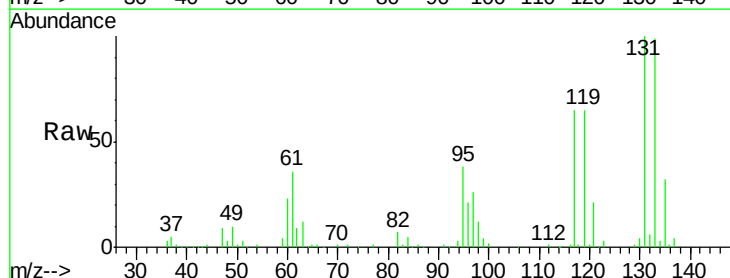
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

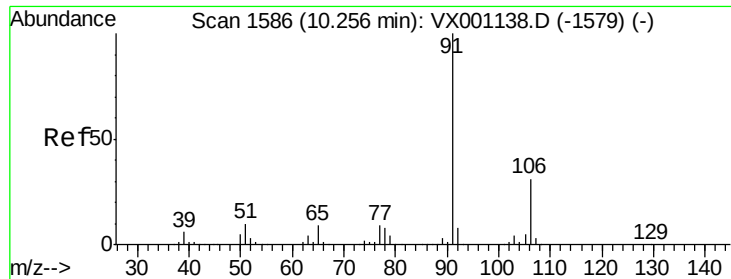
Tgt Ion:112 Resp: 130163
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.20 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion:131 Resp: 45264
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 63.6 31.3 93.8





#67

Ethyl Benzene

Concen: 20.02 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

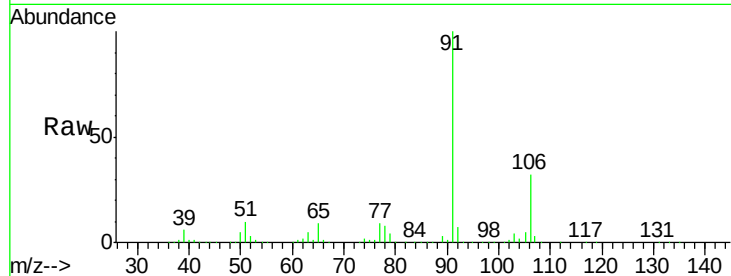
VX0428WBSD02

Tgt Ion: 91 Resp: 210731

Ion Ratio Lower Upper

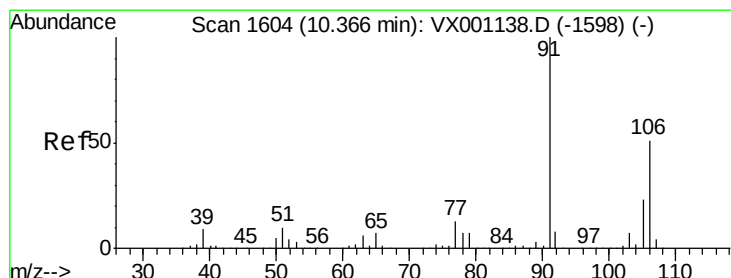
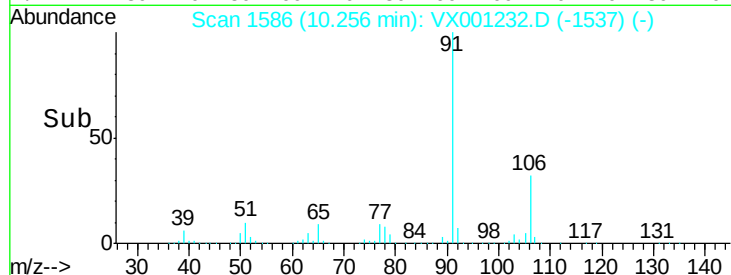
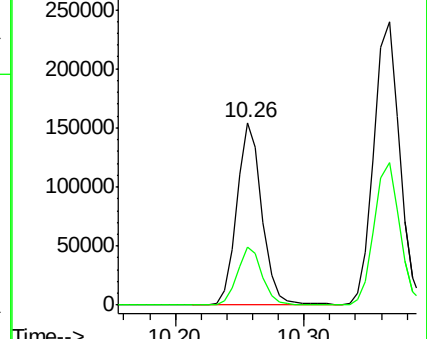
91 100

106 31.8 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.14 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001232.D

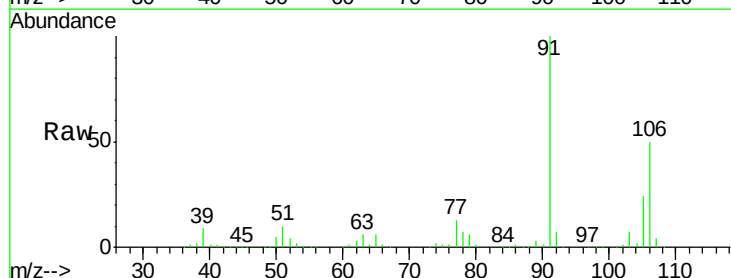
Acq: 29 Apr 2018 00:03

Tgt Ion: 106 Resp: 167022

Ion Ratio Lower Upper

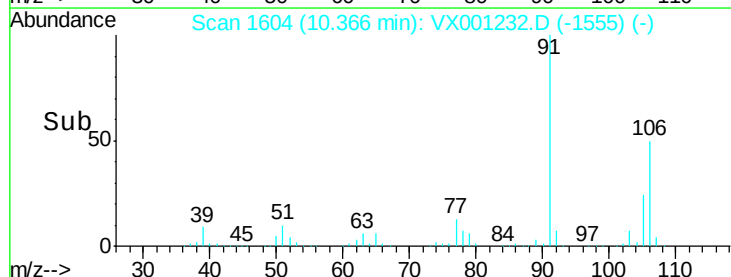
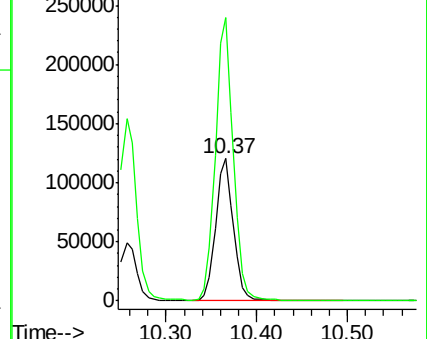
106 100

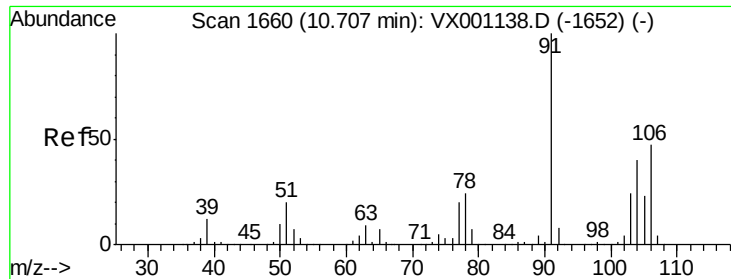
91 200.3 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

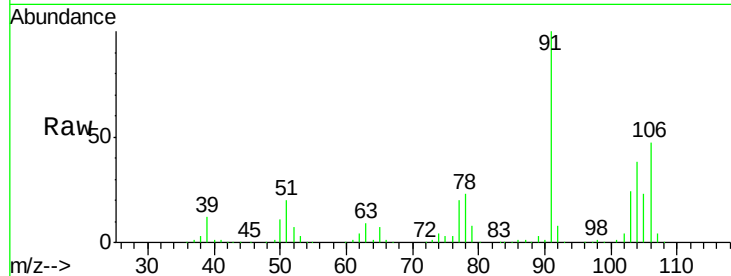




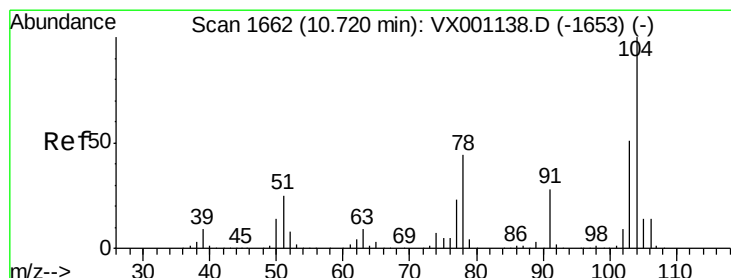
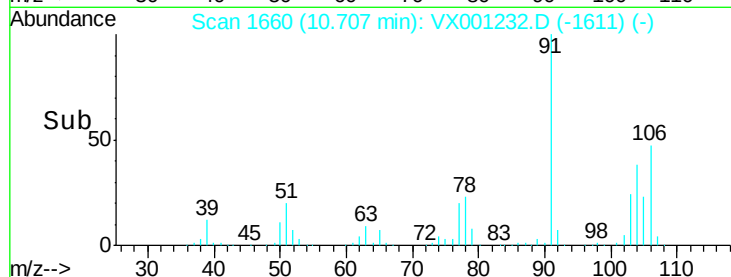
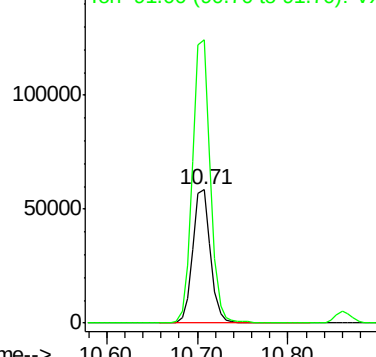
#69
o-Xylene
Concen: 19.91 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBSD02

Tgt Ion:106 Resp: 80336
Ion Ratio Lower Upper
106 100
91 212.5 106.2 318.5

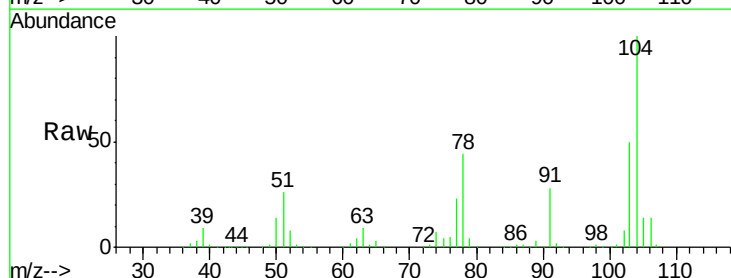


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

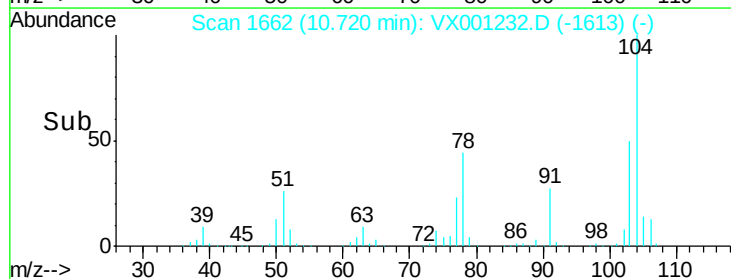
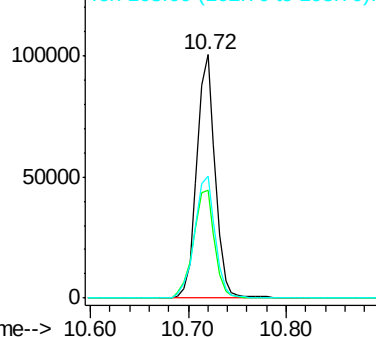


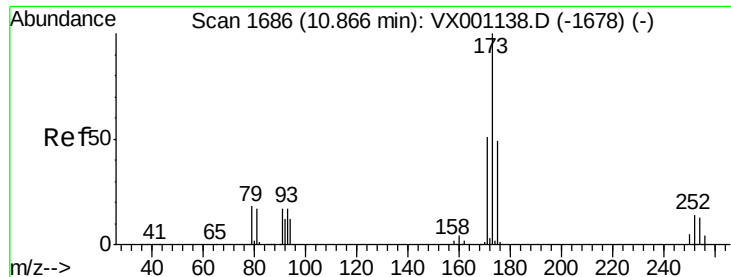
#70
Styrene
Concen: 19.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001232.D
Acq: 29 Apr 2018 00:03

Tgt Ion:104 Resp: 131680
Ion Ratio Lower Upper
104 100
78 50.8 40.3 60.5
103 55.9 44.3 66.5



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: 18.47 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

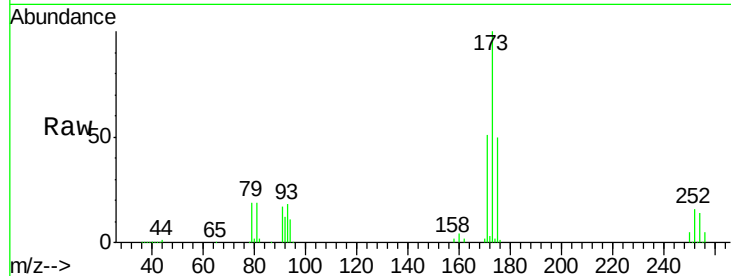
Tgt Ion:173 Resp: 35365

Ion Ratio Lower Upper

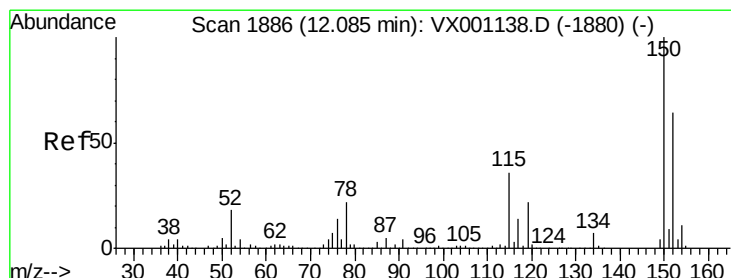
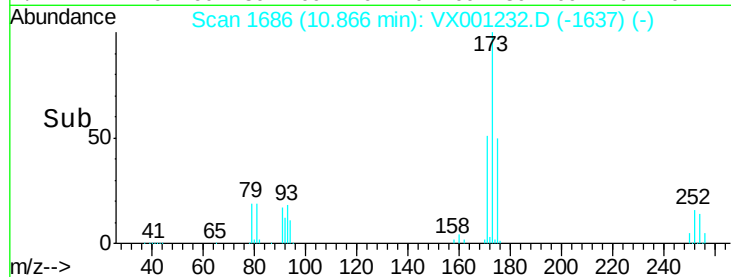
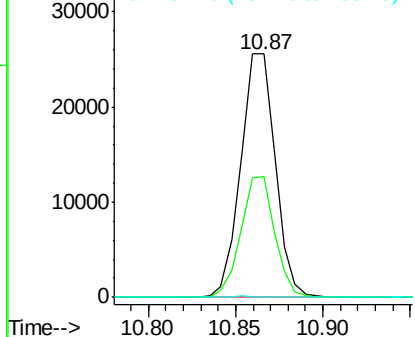
173 100

175 48.5 24.6 73.8

254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

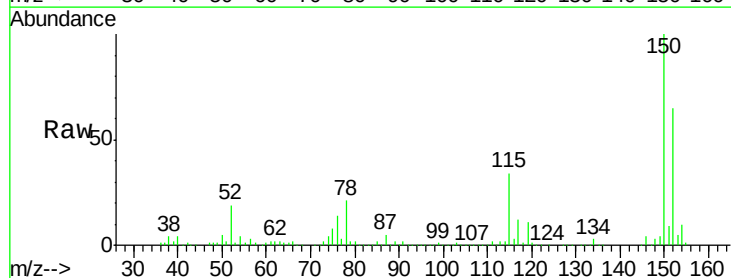
Tgt Ion:152 Resp: 165630

Ion Ratio Lower Upper

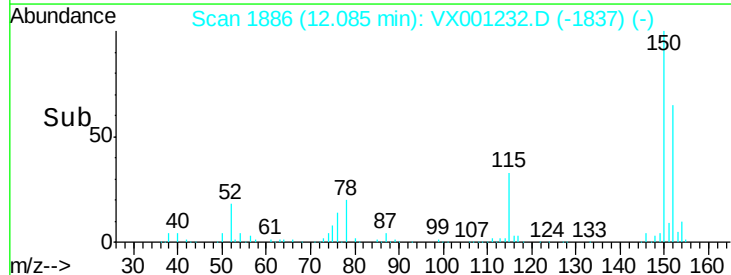
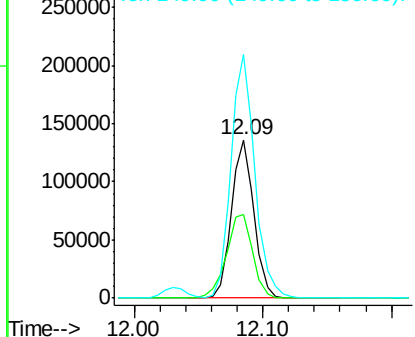
152 100

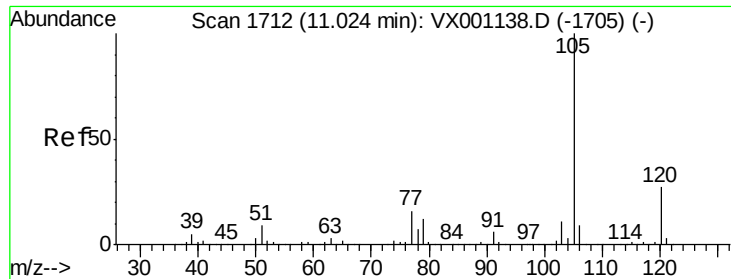
115 62.3 38.0 114.0

150 163.7 0.0 349.6



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: 20.23 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

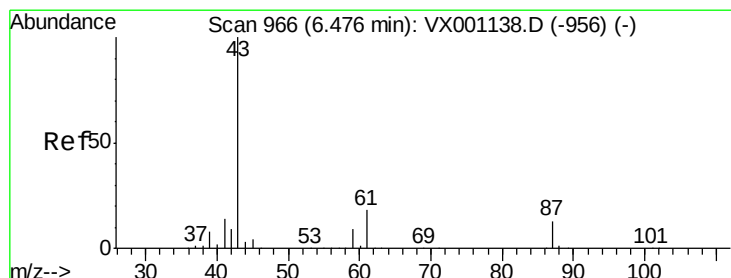
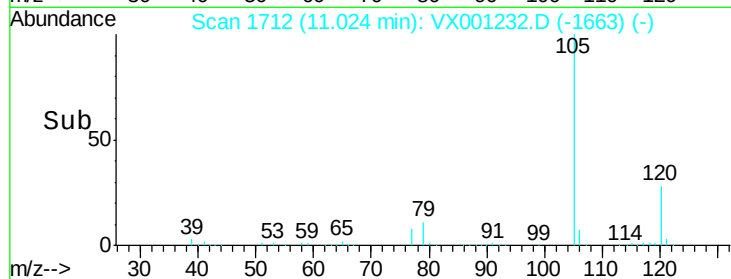
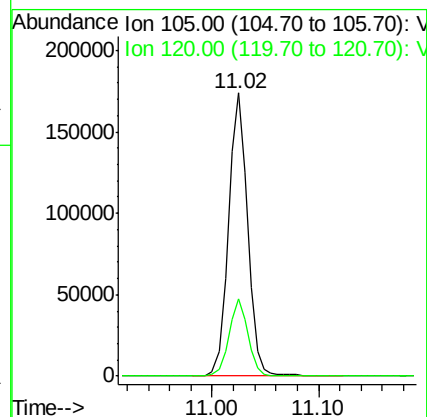
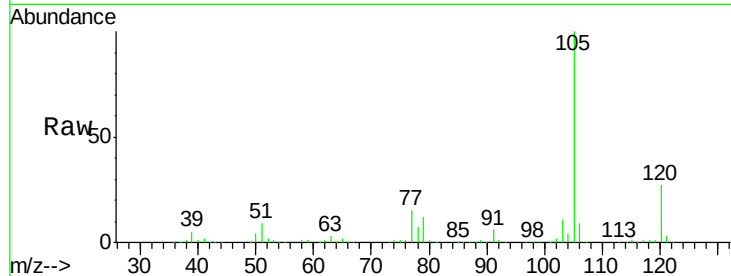
VX0428WBSD02

Tgt Ion:105 Resp: 218340

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



#74

N-ethyl acetate

Concen: 18.05 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Tgt Ion: 43 Resp: 98209

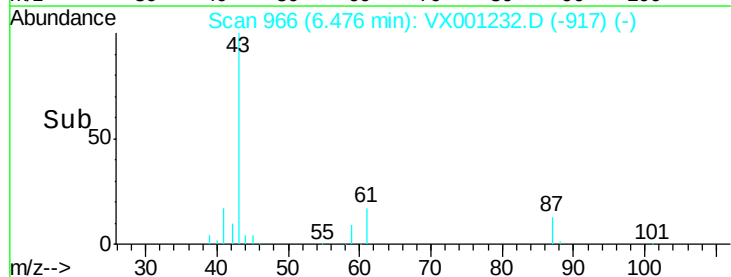
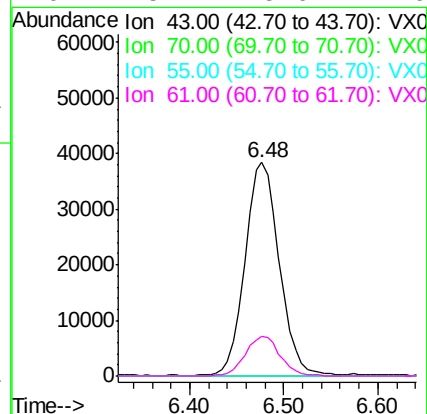
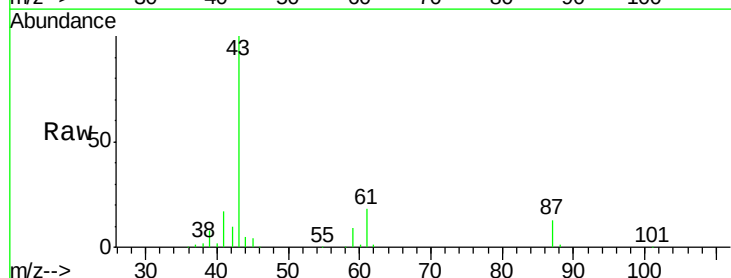
Ion Ratio Lower Upper

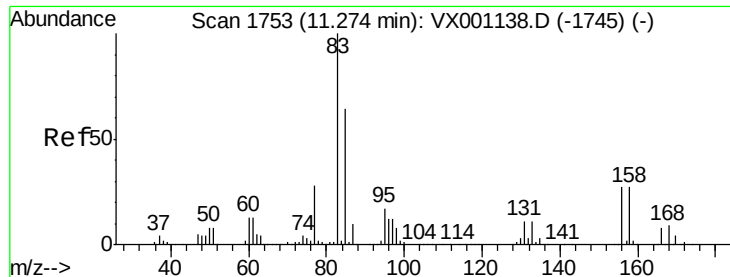
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.7 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.83 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampled :

VX0428WBSD02

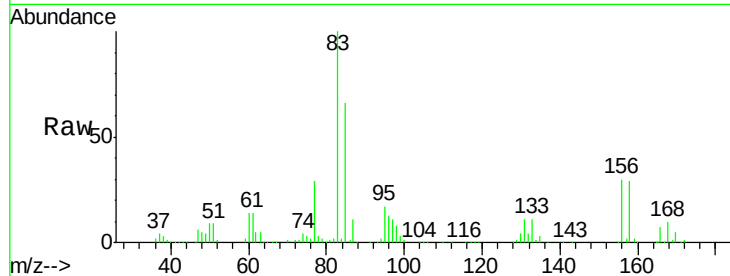
Tgt Ion: 83 Resp: 67433

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

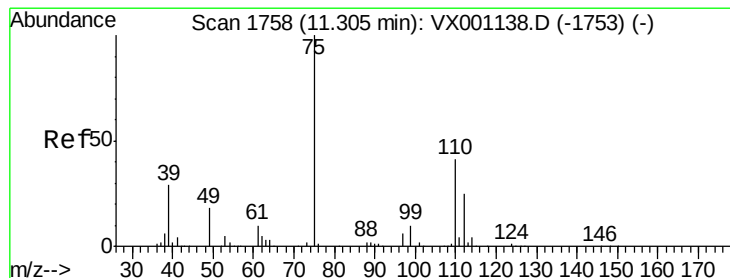
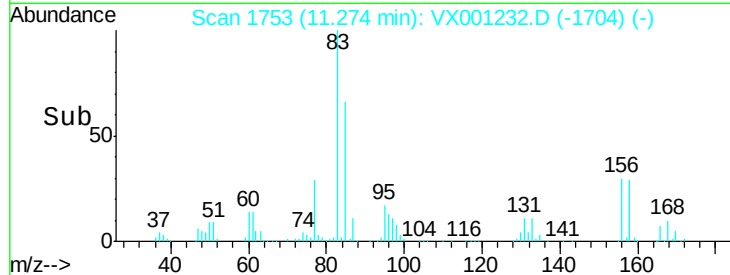
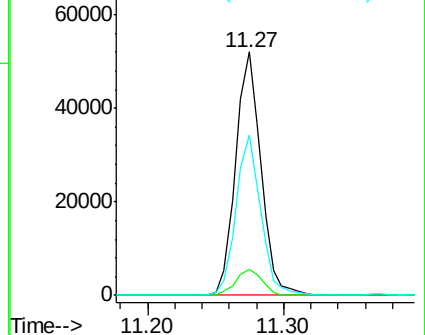
85 64.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.63 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001232.D

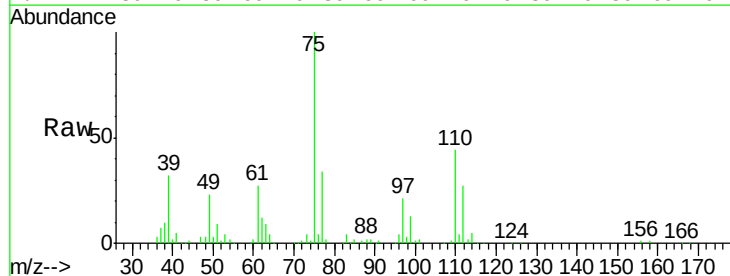
Acq: 29 Apr 2018 00:03

Tgt Ion: 75 Resp: 69572

Ion Ratio Lower Upper

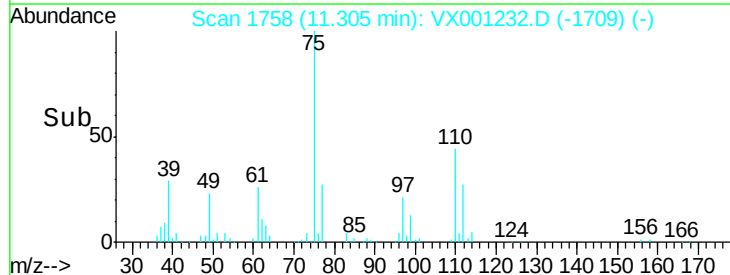
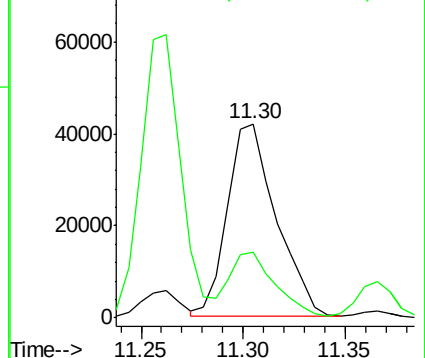
75 100

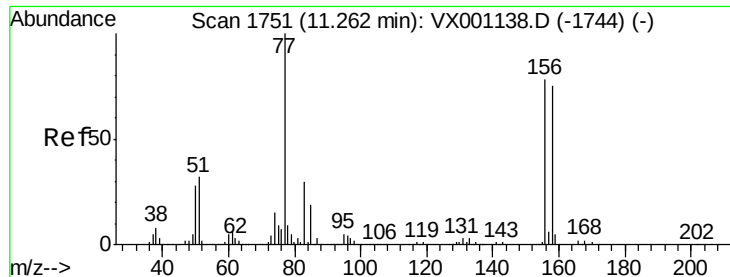
77 31.6 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.03 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

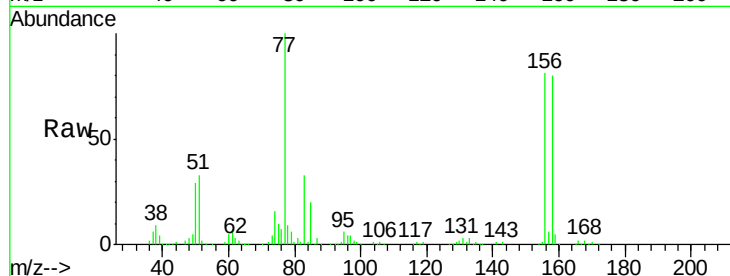
Tgt Ion:156 Resp: 64113

Ion Ratio Lower Upper

156 100

77 130.3 67.8 203.2

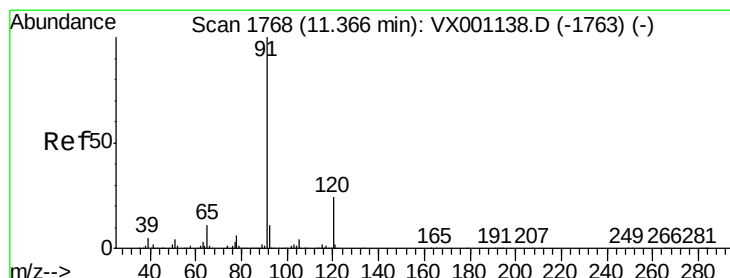
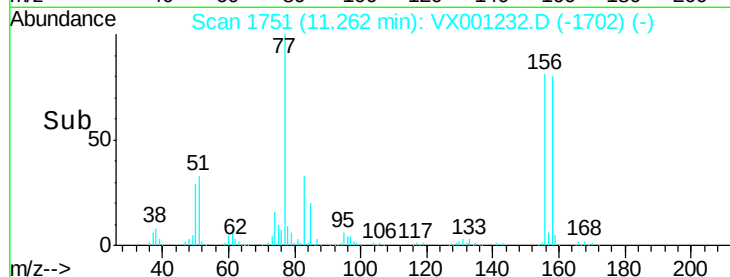
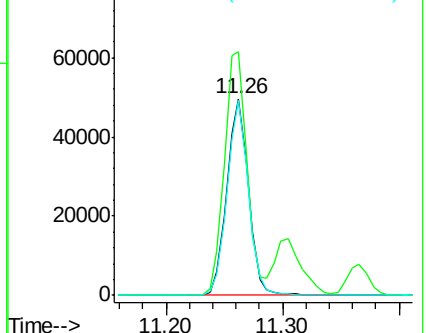
158 97.6 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001232.D

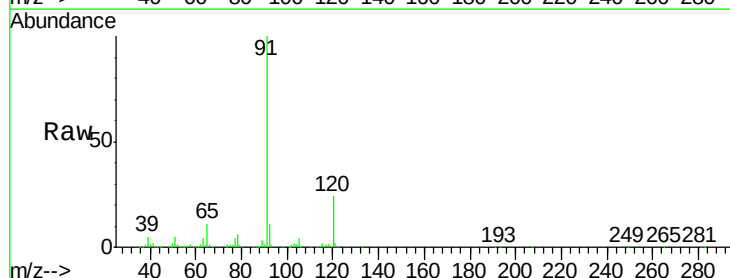
Acq: 29 Apr 2018 00:03

Tgt Ion: 91 Resp: 242452

Ion Ratio Lower Upper

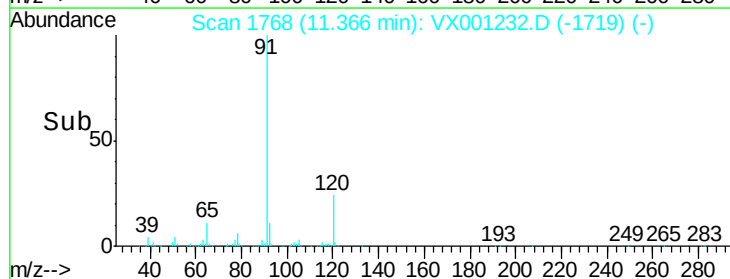
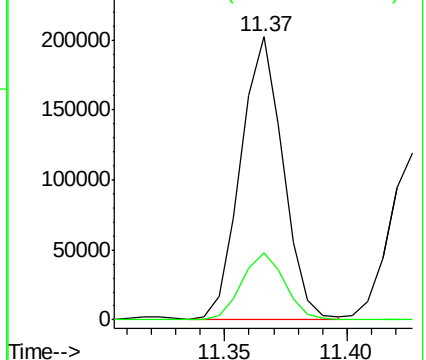
91 100

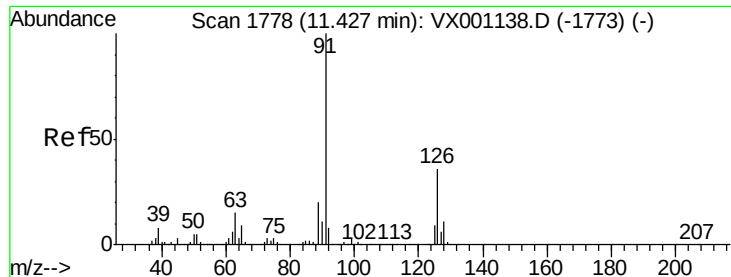
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.91 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampled :

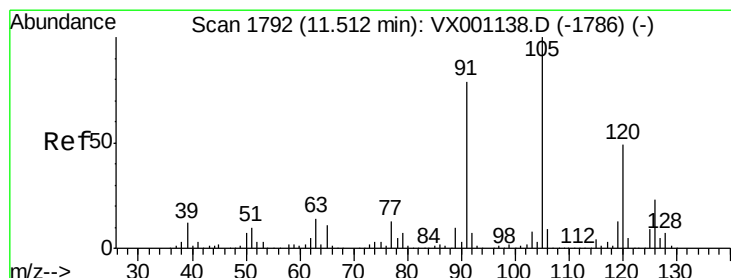
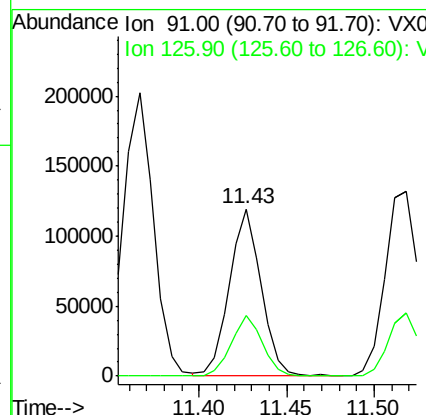
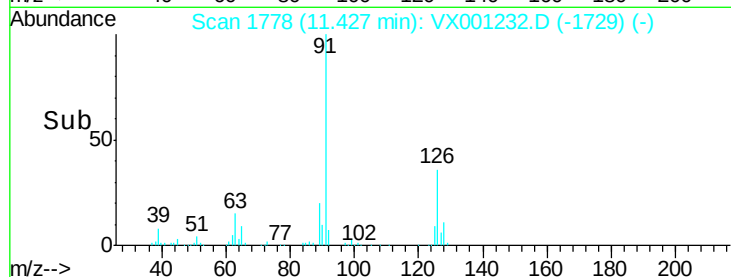
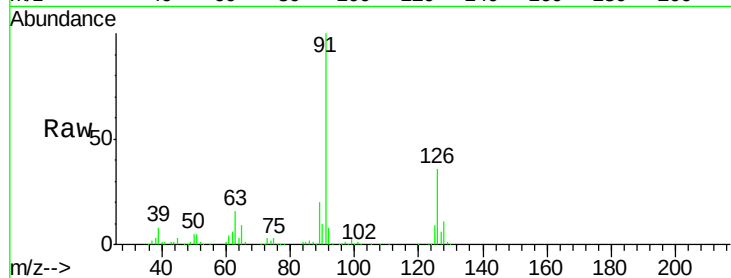
VX0428WBSD02

Tgt Ion: 91 Resp: 148601

Ion Ratio Lower Upper

91 100

126 36.2 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 20.14 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001232.D

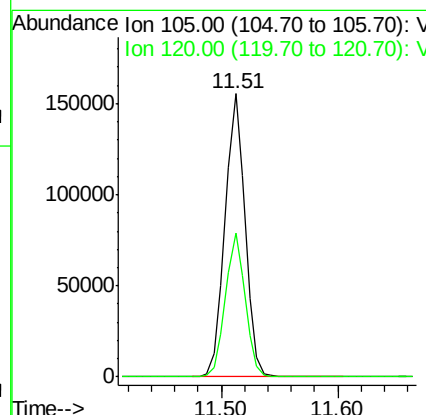
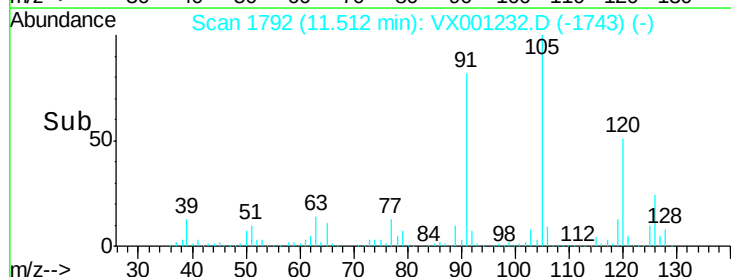
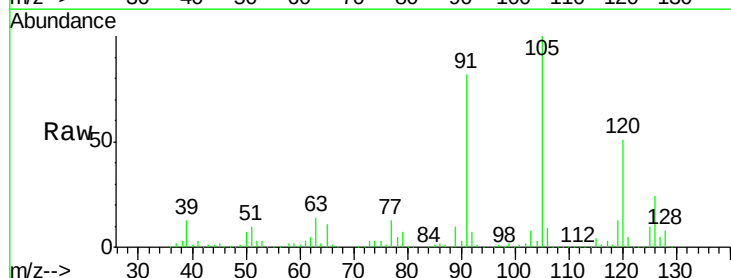
Acq: 29 Apr 2018 00:03

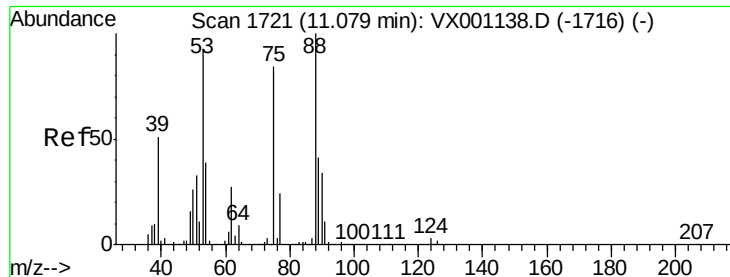
Tgt Ion: 105 Resp: 184037

Ion Ratio Lower Upper

105 100

120 49.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.20 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

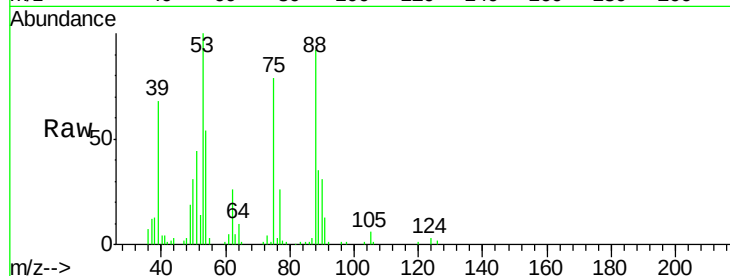
MSVOA_X

ClientSampleId :

VX0428WBSD02

Tgt Ion: 75 Resp: 11880

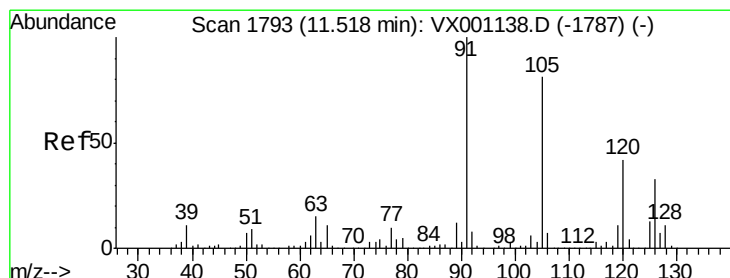
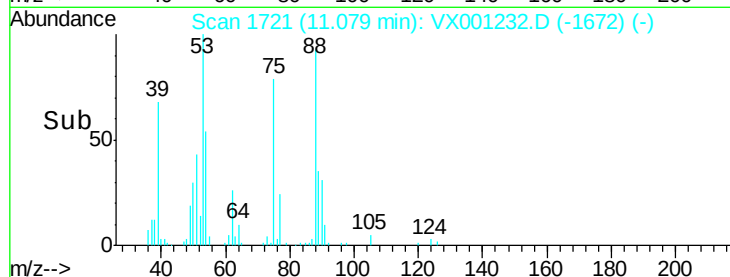
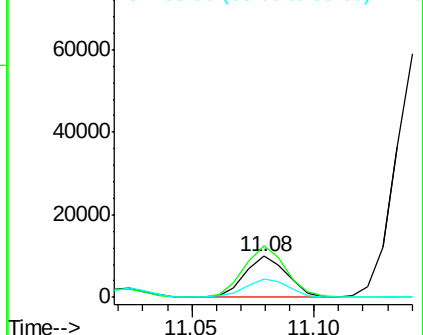
Ion	Ratio	Lower	Upper
75	100		
53	128.8	87.9	131.9
89	46.4	37.7	56.5



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: 19.68 ug/l

RT: 11.52 min Scan# 1793

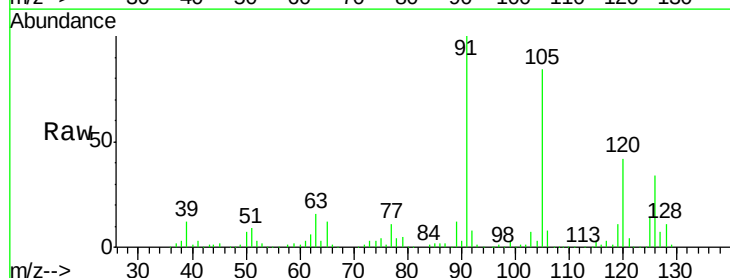
Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

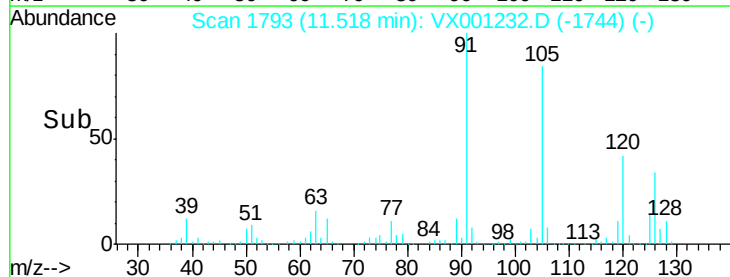
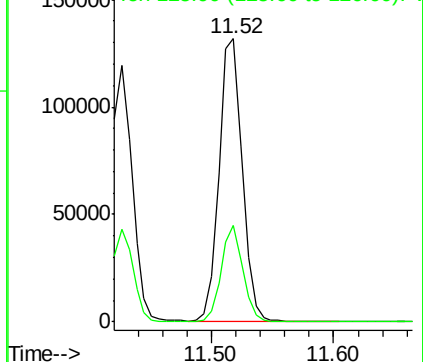
Tgt Ion: 91 Resp: 174559

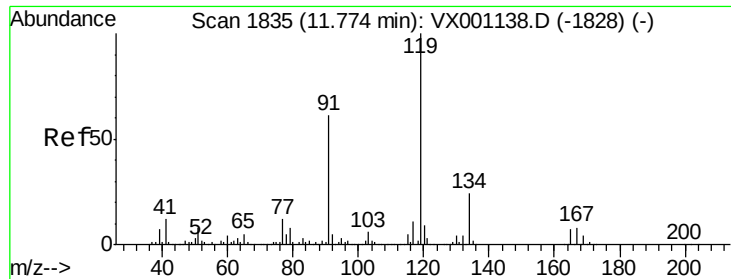
Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.8	47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

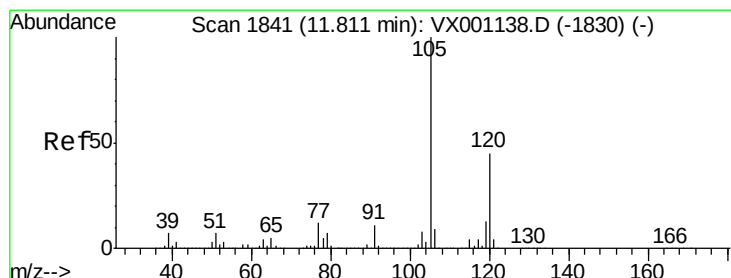
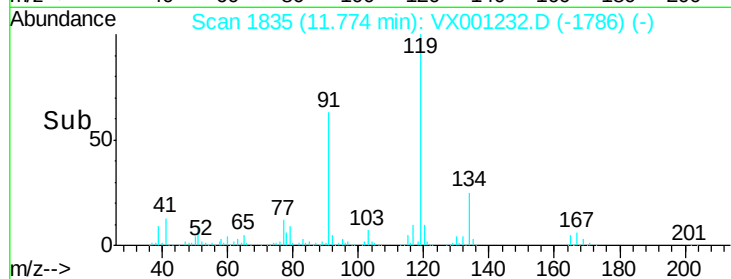
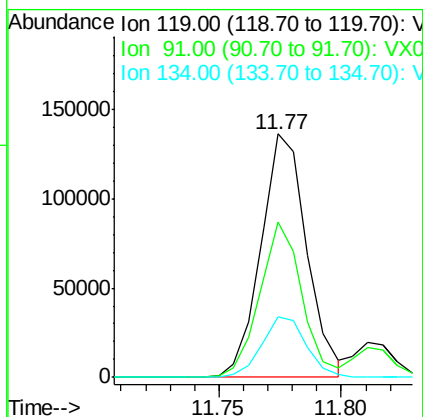
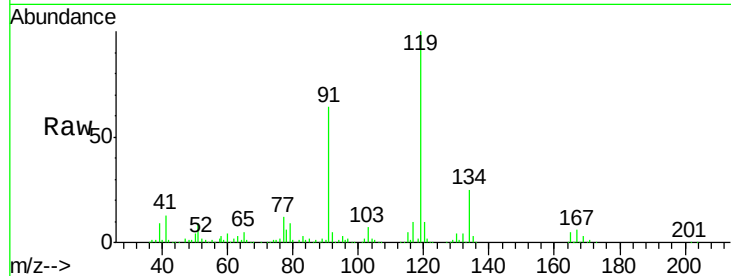




#83
 tert-Butylbenzene
 Concen: 19.59 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

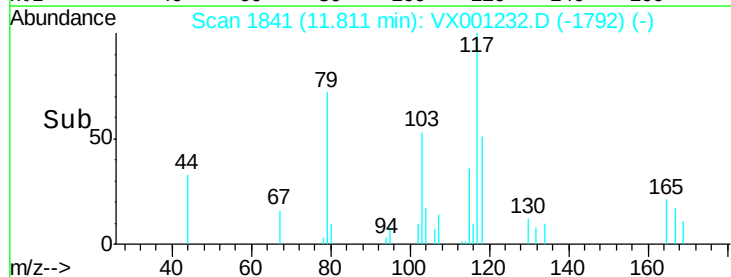
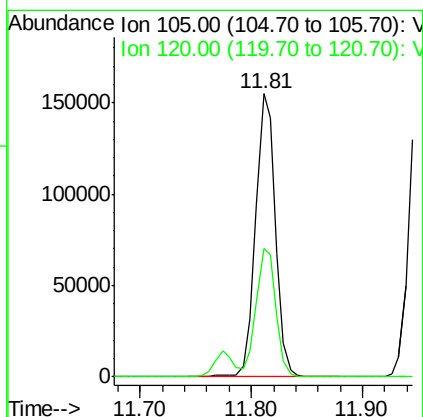
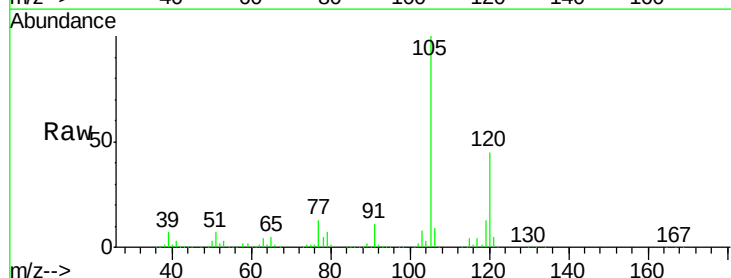
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD02

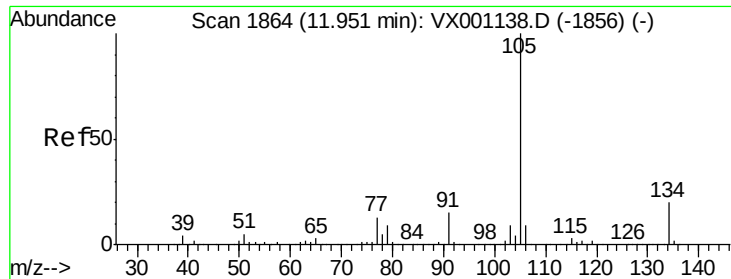
Tgt Ion:119 Resp: 178674
 Ion Ratio Lower Upper
 119 100
 91 58.8 27.6 82.8
 134 24.5 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.43 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

Tgt Ion:105 Resp: 191925
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.50 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

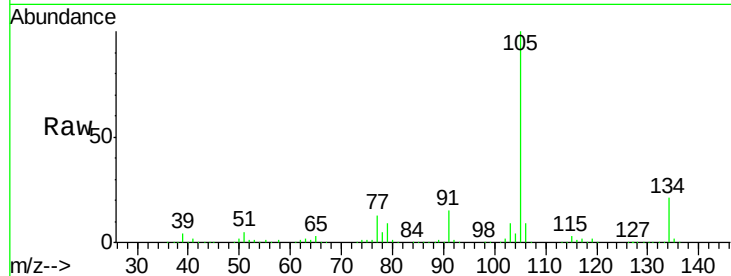
VX0428WBSD02

Tgt Ion:105 Resp: 218446

Ion Ratio Lower Upper

105 100

134 21.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

200000

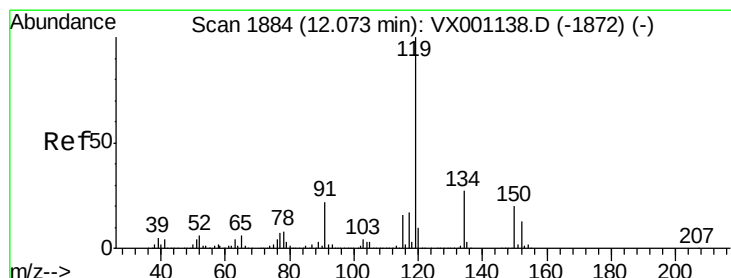
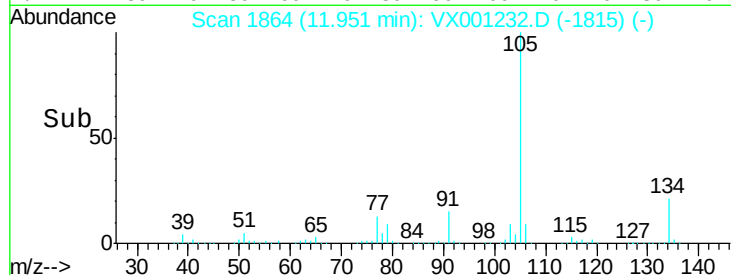
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.14 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

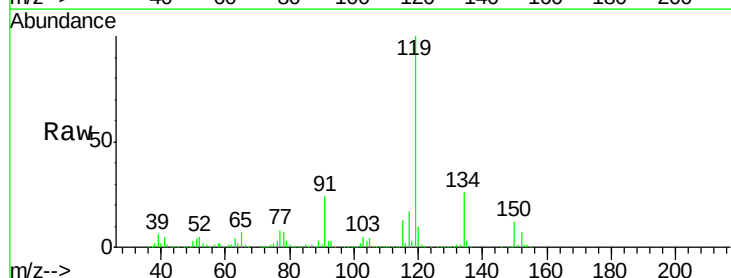
Tgt Ion:119 Resp: 199617

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

91 23.2 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

200000

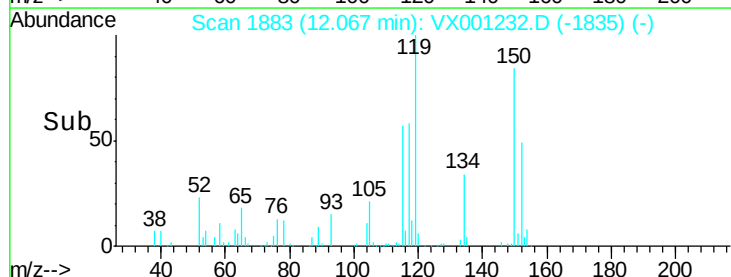
150000

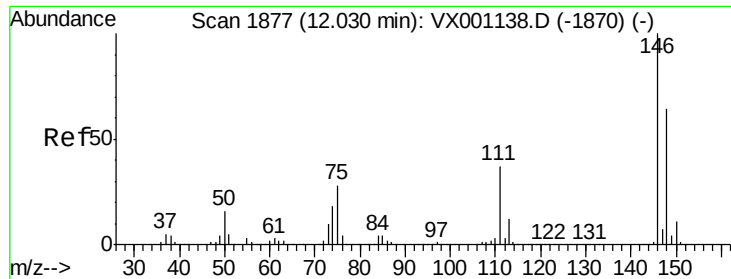
100000

50000

0

Time-->

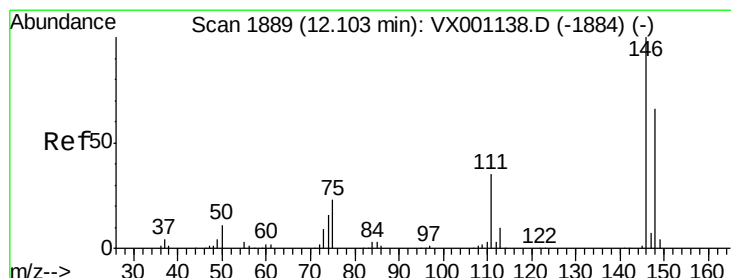
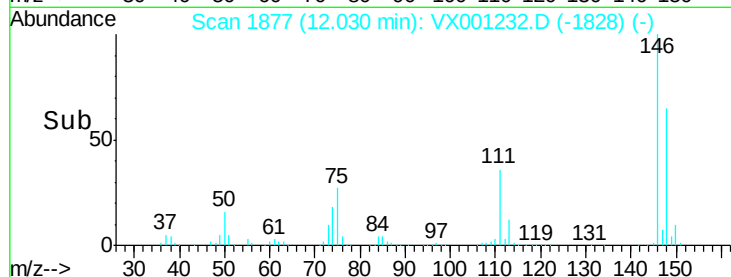
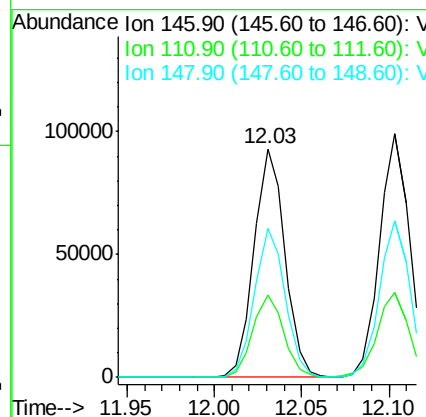
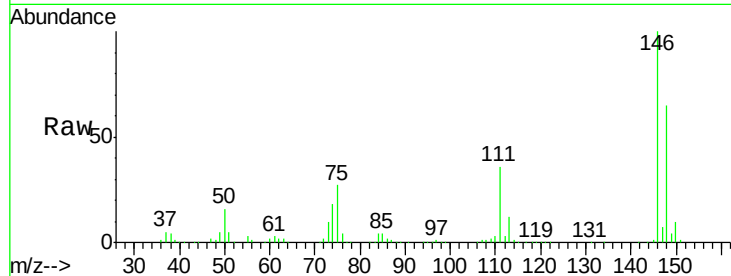




#87
 1,3-Dichlorobenzene
 Concen: 19.93 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

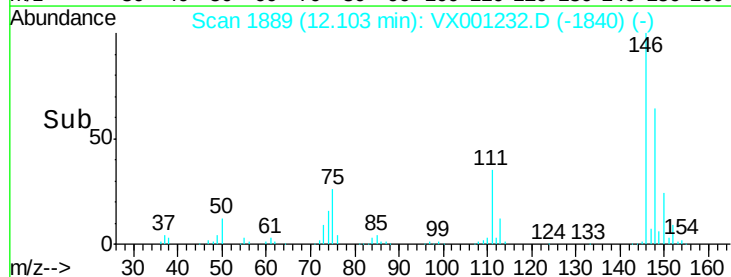
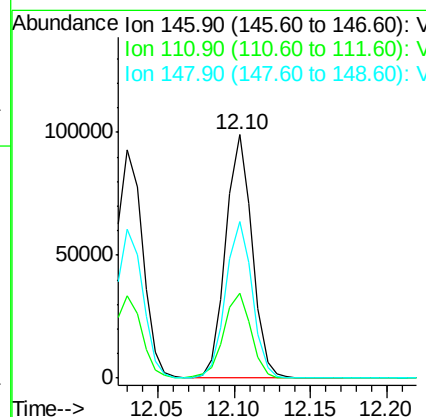
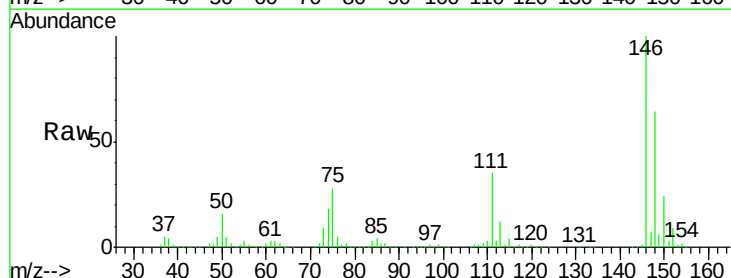
Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBSD02

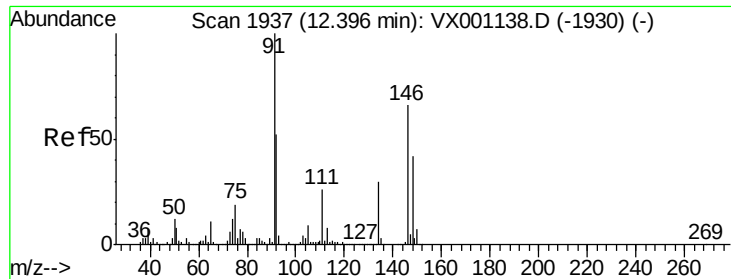
Tgt Ion:146 Resp: 114515
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.6 56.0
 148 64.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.75 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

Tgt Ion:146 Resp: 118280
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.0 54.0
 148 65.2 32.5 97.5





#89

n-Butylbenzene

Concen: 19.56 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

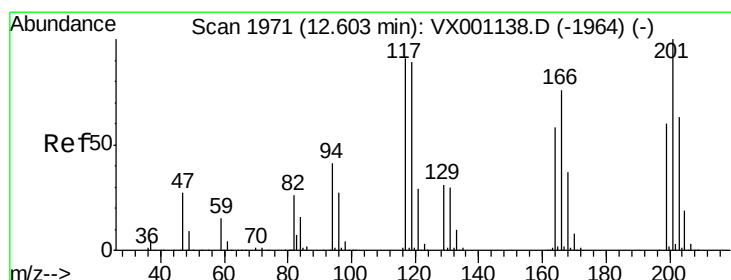
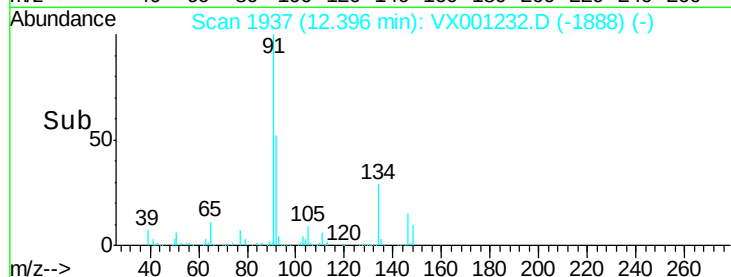
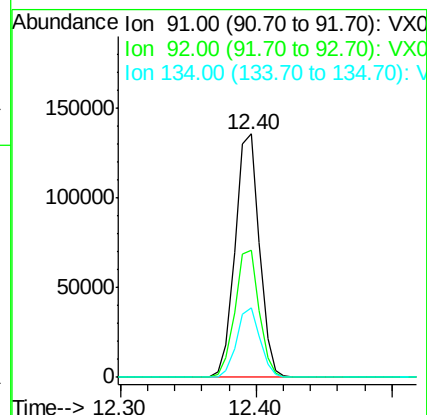
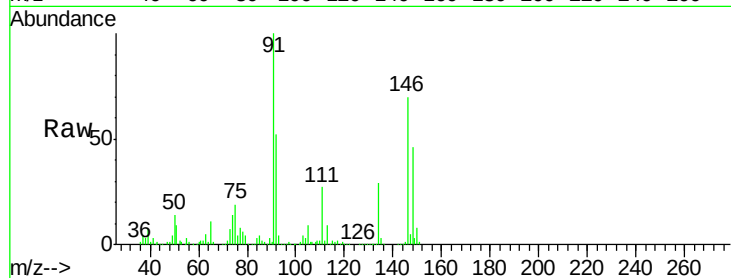
Tgt Ion: 91 Resp: 167762

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.6

134 27.8 14.1 42.3



#90

Hexachloroethane

Concen: 19.32 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001232.D

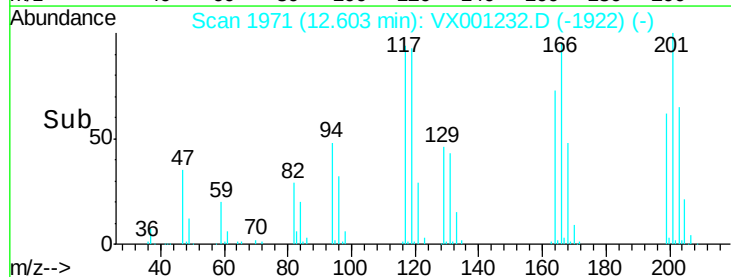
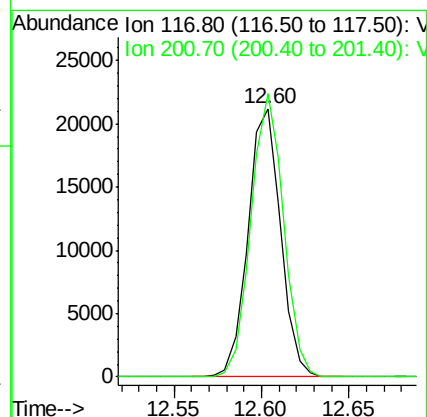
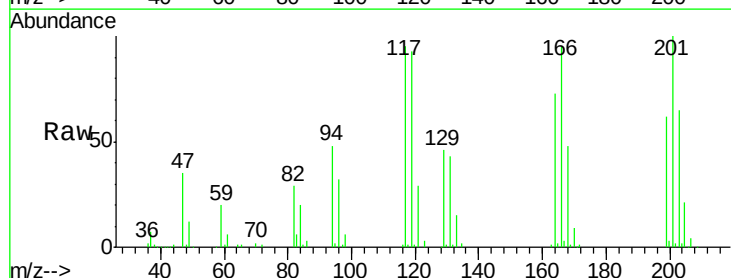
Acq: 29 Apr 2018 00:03

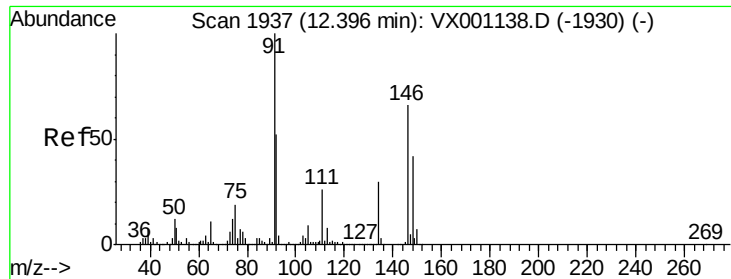
Tgt Ion: 117 Resp: 27353

Ion Ratio Lower Upper

117 100

201 105.6 51.8 155.4

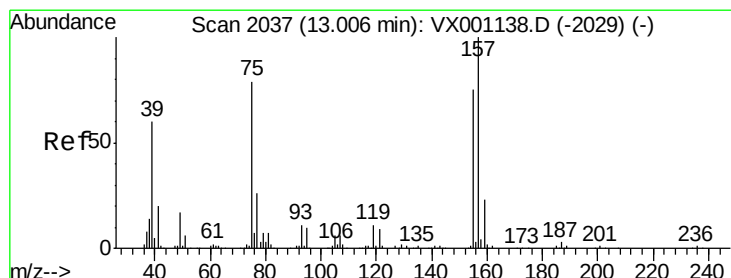
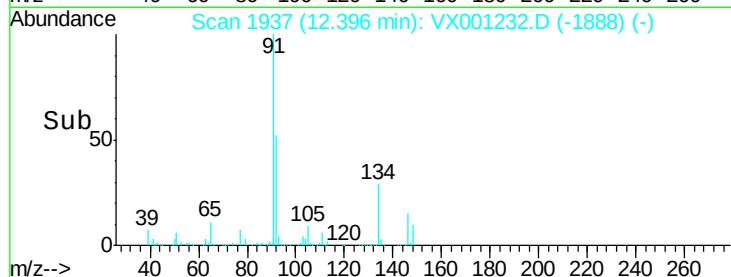
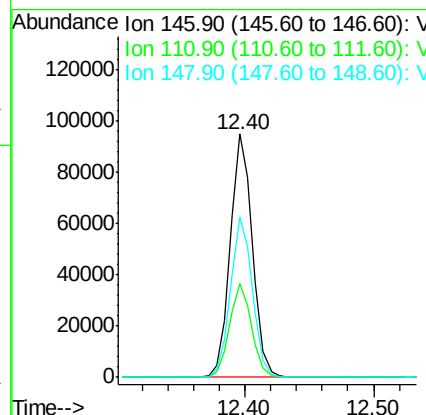
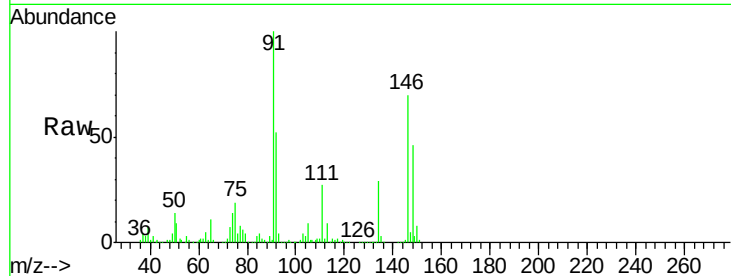




#91
 1,2-Dichlorobenzene
 Concen: 19.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

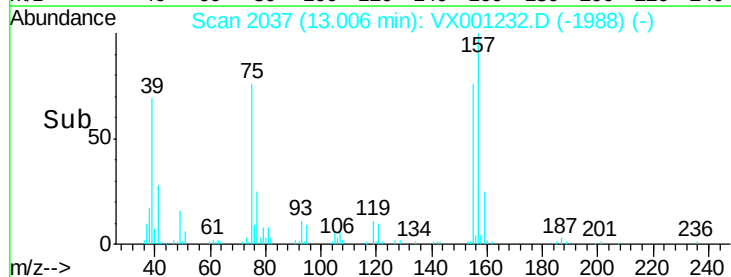
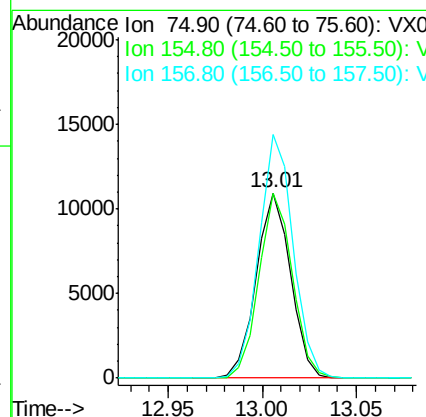
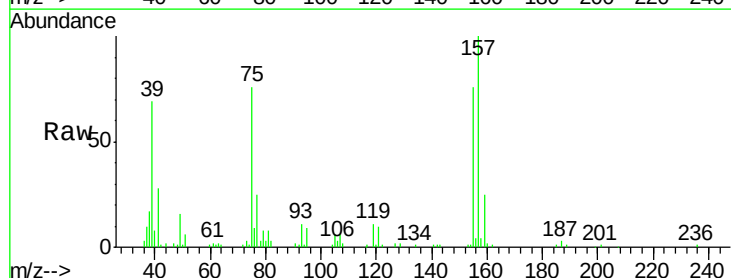
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD02

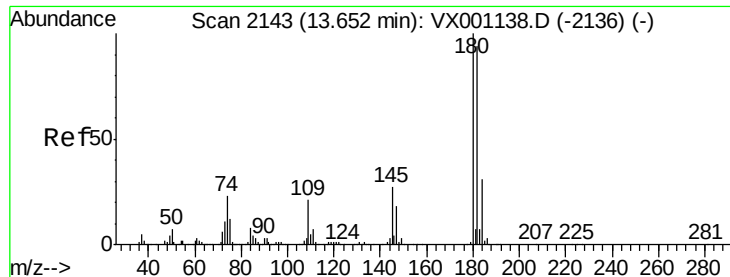
Tgt Ion:146 Resp: 115040
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.3
 148 65.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.54 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

Tgt Ion: 75 Resp: 13865
 Ion Ratio Lower Upper
 75 100
 155 97.0 48.4 145.3
 157 130.2 62.7 188.1

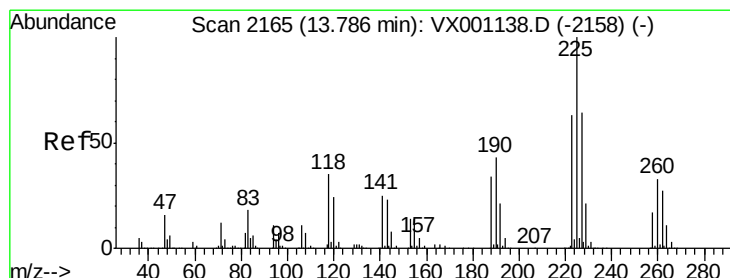
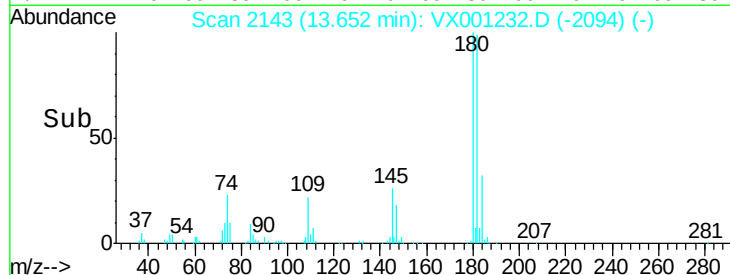
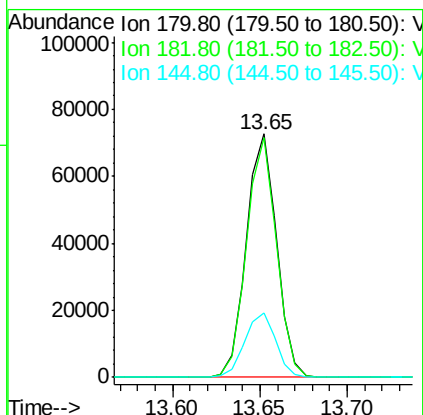
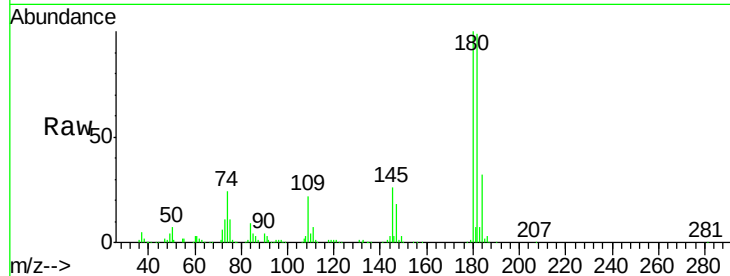




#93
 1,2,4-Trichlorobenzene
 Concen: 19.26 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

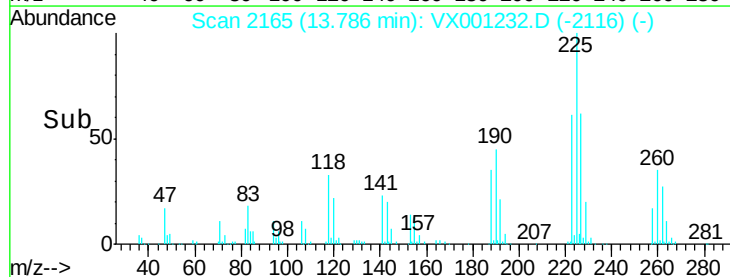
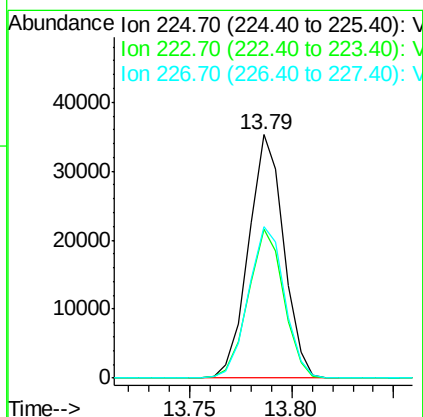
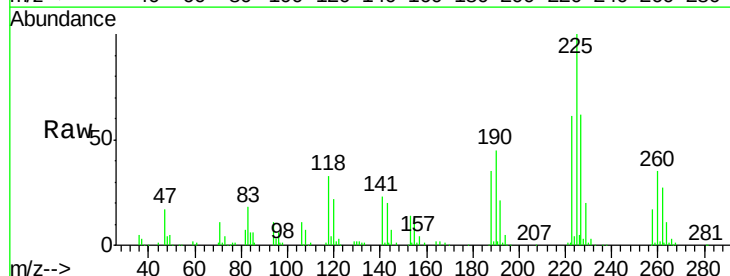
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBSD02

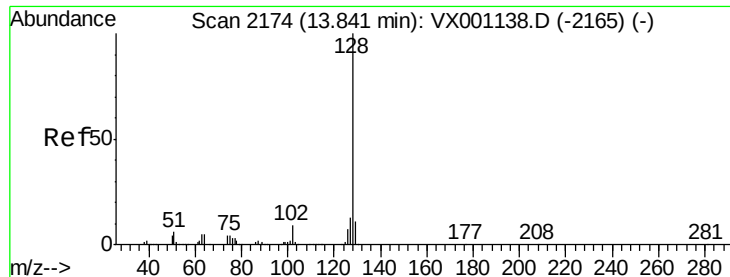
Tgt Ion:180 Resp: 87686
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.9 143.6
 145 27.1 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 19.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001232.D
 Acq: 29 Apr 2018 00:03

Tgt Ion:225 Resp: 42352
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.3 93.9
 227 63.7 32.2 96.6





#95

Naphthalene

Concen: 19.15 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBSD02

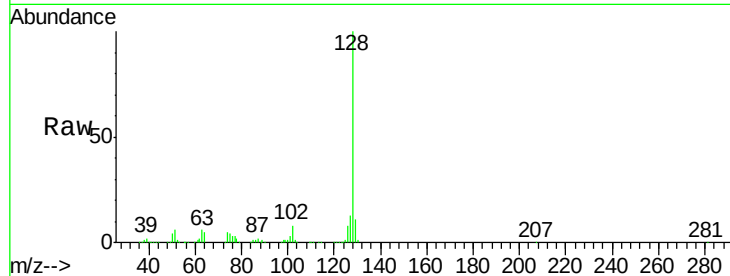
Tgt Ion:128 Resp: 243016

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

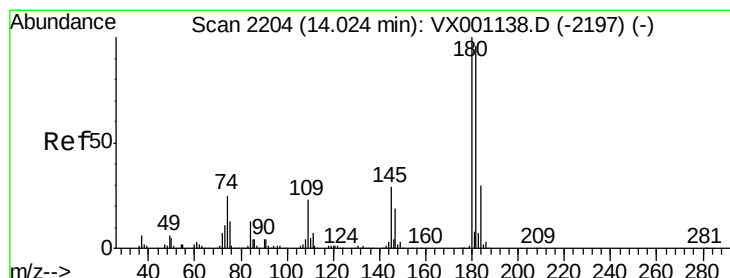
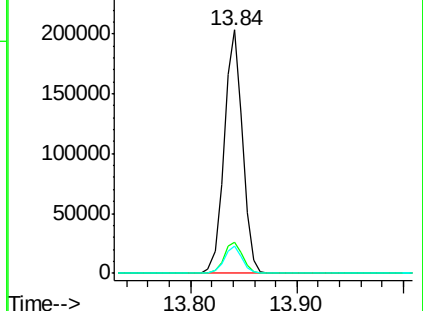
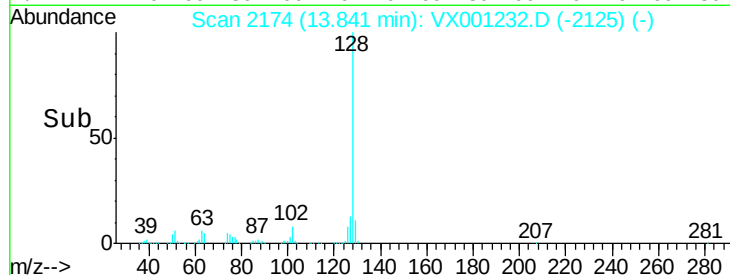
129 11.0 8.8 13.2



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: 19.87 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001232.D

Acq: 29 Apr 2018 00:03

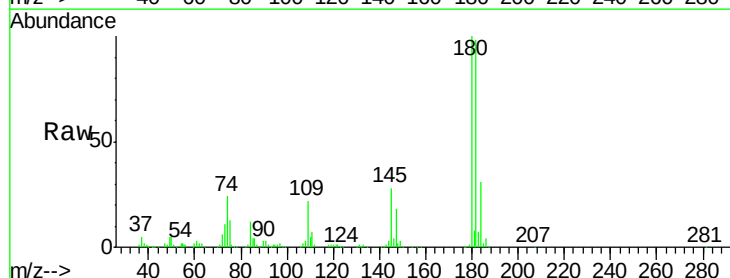
Tgt Ion:180 Resp: 90044

Ion Ratio Lower Upper

180 100

182 96.9 48.2 144.6

145 28.4 14.5 43.5



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

