

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\
 Data File : VX000356.D
 Acq On : 20 Mar 2018 11:18
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 20 12:07:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	127545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	108877	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	28992	16.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.86%	
35) Dibromofluoromethane	5.51	113	22187	17.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.30%	
50) Toluene-d8	8.73	98	90900	16.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.68%	
62) 4-Bromofluorobenzene	11.15	95	33862	15.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	26541	19.32	ug/l	100
3) Chloromethane	1.32	50	27938	19.95	ug/l	97
4) Vinyl Chloride	1.41	62	30151	19.22	ug/l	96
5) Bromomethane	1.65	94	24969	14.26	ug/l	96
6) Chloroethane	1.73	64	19184	17.21	ug/l	97
7) Trichlorofluoromethane	1.94	101	53363	19.59	ug/l	97
8) Diethyl Ether	2.19	74	18898	19.49	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30521	20.80	ug/l	99
10) Methyl Iodide	2.52	142	23574	15.90	ug/l	99
11) Tert butyl alcohol	3.06	59	51591	90.37	ug/l	99
12) 1,1-Dichloroethene	2.38	96	25873	18.58	ug/l	96
13) Acrolein	2.29	56	15940	64.90	ug/l	97
14) Allyl chloride	2.73	41	47402	19.09	ug/l	99
15) Acrylonitrile	3.15	53	107521	97.68	ug/l	100
16) Acetone	2.45	43	129659	110.05	ug/l	95
17) Carbon Disulfide	2.58	76	71758	17.64	ug/l	97
18) Methyl Acetate	2.78	43	53655	20.35	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	96404	19.67	ug/l	97
20) Methylene Chloride	2.86	84	30350	19.90	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28502	18.52	ug/l	93
22) Diisopropyl ether	3.87	45	90074	21.80	ug/l	96
23) Vinyl Acetate	3.83	43	436653	110.87	ug/l	99
24) 1,1-Dichloroethane	3.71	63	53348	20.52	ug/l	98
25) 2-Butanone	4.71	43	144442	102.58	ug/l	99
26) 2,2-Dichloropropane	4.59	77	36718	19.57	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	26656	18.96	ug/l	98
28) Bromochloromethane	5.03	49	19894	18.21	ug/l	98
29) Tetrahydrofuran	5.17	42	86100	95.00	ug/l	99
30) Chloroform	5.22	83	48171	19.63	ug/l	91
31) Cyclohexane	5.58	56	39897	20.00	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	43009	19.83	ug/l	99
36) 1,1-Dichloropropene	5.81	75	35578	19.10	ug/l	99
37) Ethyl Acetate	4.87	43	47286	19.10	ug/l	100
38) Carbon Tetrachloride	5.79	117	36849	19.62	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	45097	20.75	ug/l	95
40) Benzene	6.15	78	107063	20.26	ug/l	99
41) Methacrylonitrile	5.07	41	25557	19.66	ug/l	98
42) 1,2-Dichloroethane	6.21	62	42358	20.22	ug/l	97
43) Isopropyl Acetate	6.48	43	74133	20.74	ug/l	99
44) Trichloroethene	7.22	130	31252	20.41	ug/l	99
45) 1,2-Dichloropropane	7.53	63	28132	21.58	ug/l	93
46) Dibromomethane	7.67	93	20748	19.81	ug/l	96
47) Bromodichloromethane	7.90	83	37979	20.43	ug/l	97
48) Methyl methacrylate	7.79	41	35315	19.54	ug/l	96
49) 1,4-Dioxane	7.76	88	13971	343.66	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	287911	103.74	ug/l	99
52) Toluene	8.79	92	73036	19.67	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	43563	20.31	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	42231	20.13	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	30422	20.42	ug/l	96
56) Ethyl methacrylate	9.19	69	45951	20.83	ug/l	99
57) 1,3-Dichloropropane	9.38	76	49998	20.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	113339	111.73	ug/l	97
59) 2-Hexanone	9.51	43	238948	102.19	ug/l	99
60) Dibromochloromethane	9.59	129	30153	19.14	ug/l	94
61) 1,2-Dibromoethane	9.68	107	33094	20.04	ug/l	99
64) Tetrachloroethene	9.34	164	31937	22.57	ug/l	95
65) Chlorobenzene	10.15	112	85738	21.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	29008	21.38	ug/l	97
67) Ethyl Benzene	10.26	91	147553	21.45	ug/l	99
68) m/p-Xylenes	10.37	106	113227	42.25	ug/l	100
69) o-Xylene	10.71	106	54741	21.03	ug/l	100
70) Styrene	10.72	104	88269	20.43	ug/l	99
71) Bromoform	10.87	173	24154	20.35	ug/l	# 96
73) Isopropylbenzene	11.02	105	150649	22.97	ug/l	100
74) N-amyl acetate	6.48	43	74133	23.62	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	52392	22.44	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	62343	28.44	ug/l	81
77) Bromobenzene	11.26	156	36989	21.49	ug/l	97
78) n-propylbenzene	11.37	91	175367	22.18	ug/l	100
79) 2-Chlorotoluene	11.43	91	100431	22.38	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	125993	22.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13888	21.59	ug/l	90
82) 4-Chlorotoluene	11.52	91	121517	22.03	ug/l	99
83) tert-Butylbenzene	11.78	119	124867	22.91	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	132486	23.07	ug/l	99
85) sec-Butylbenzene	11.96	105	158355	23.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	138816	22.86	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	71822	21.26	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72459	20.64	ug/l	96
89) n-Butylbenzene	12.40	91	129947	22.01	ug/l	98
90) Hexachloroethane	12.60	117	21756	22.34	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	72256	22.09	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13890	21.98	ug/l	95

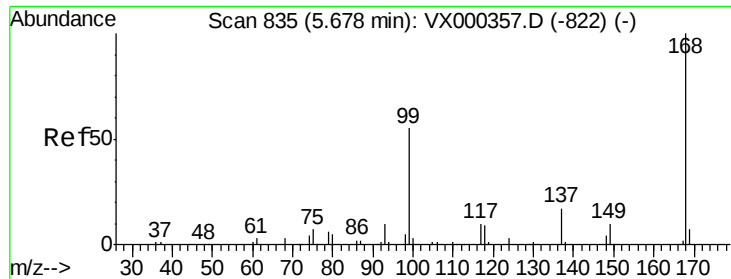
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50817	21.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	21852	23.50	ug/l	98
95) Naphthalene	13.84	128	182941	22.37	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	51007	21.43	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

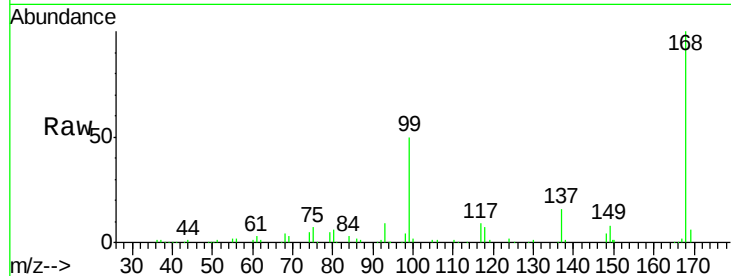
VSTDIC020

Tgt Ion:168 Resp: 127545

Ion Ratio Lower Upper

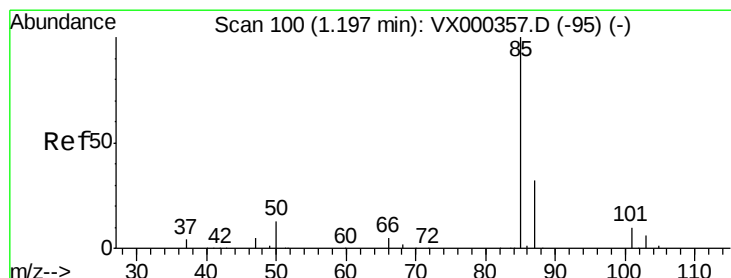
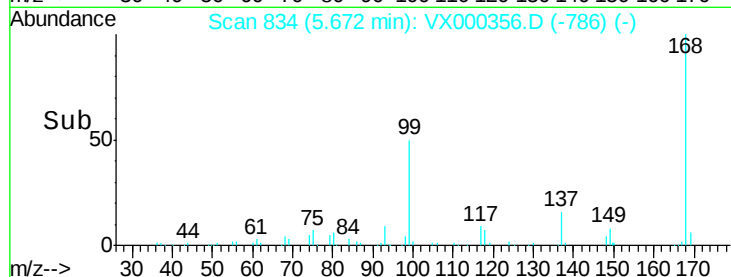
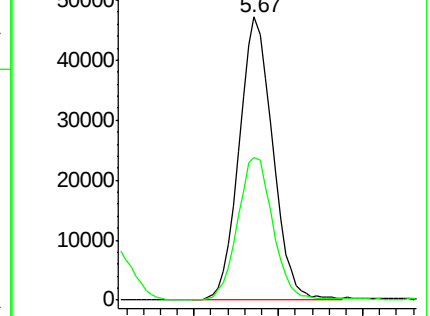
168 100

99 50.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000356.D

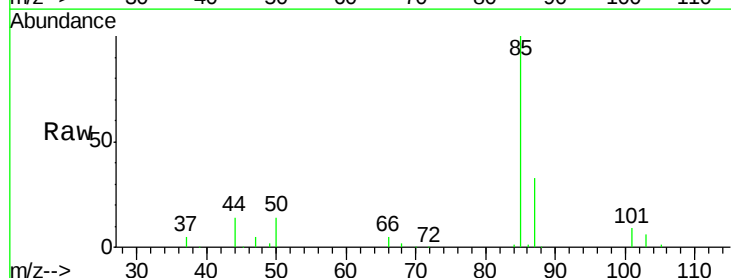
Acq: 20 Mar 2018 11:18

Tgt Ion: 85 Resp: 26541

Ion Ratio Lower Upper

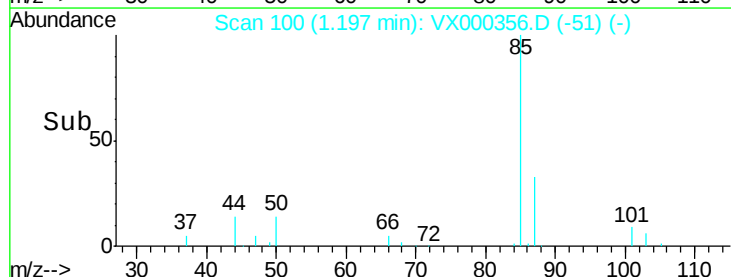
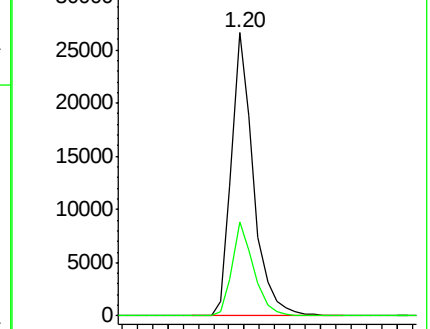
85 100

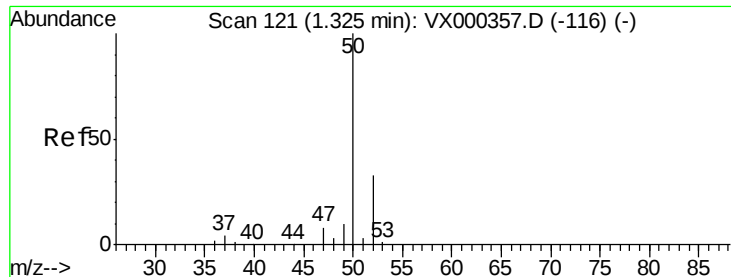
87 33.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

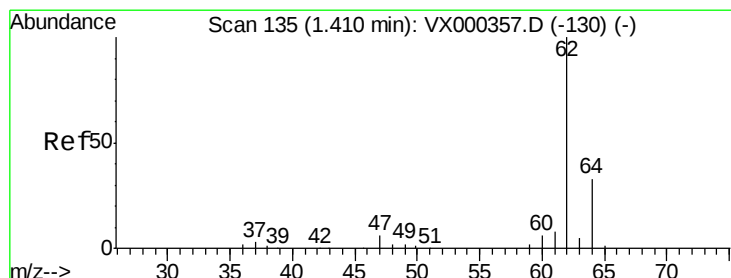
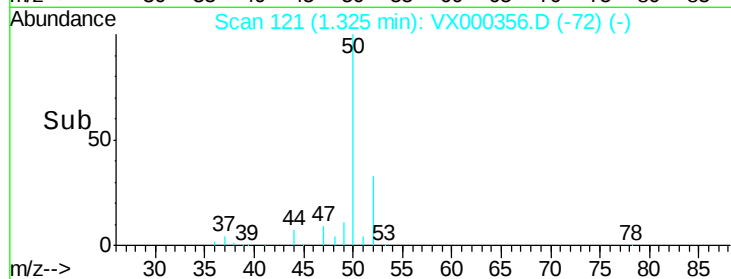
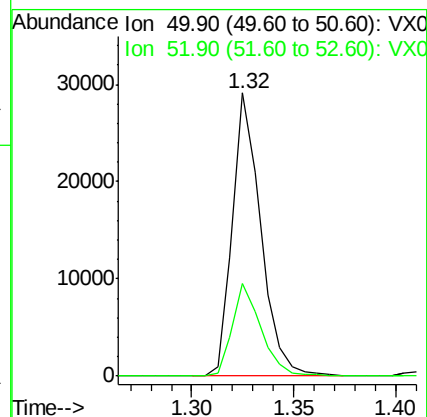
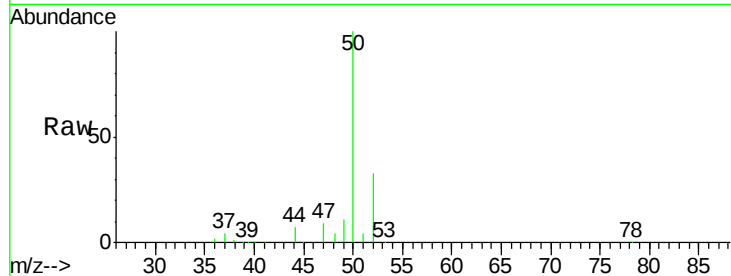




#3
Chloromethane
Concen: 19.95 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

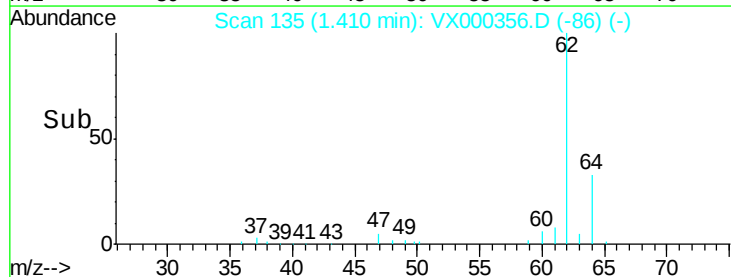
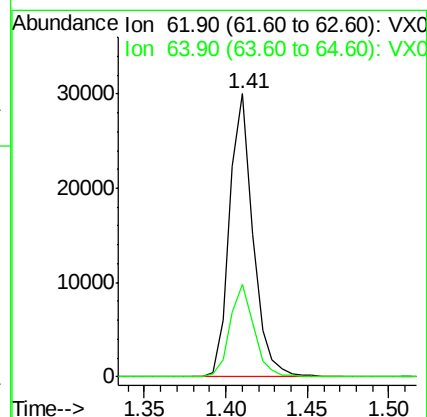
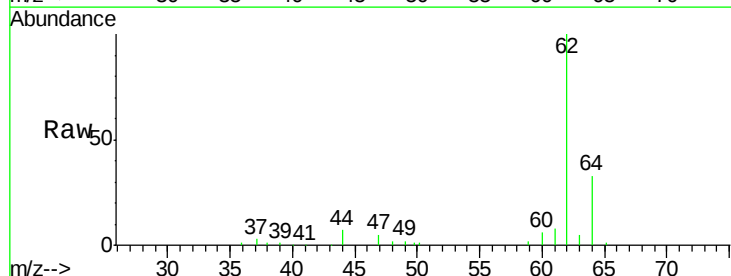
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

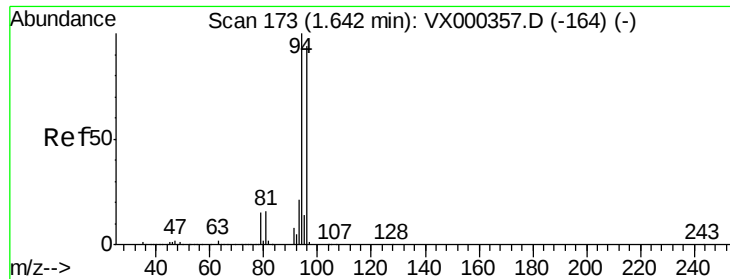
Tgt Ion: 50 Resp: 27938
Ion Ratio Lower Upper
50 100
52 32.6 27.5 41.3



#4
Vinyl Chloride
Concen: 19.22 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 62 Resp: 30151
Ion Ratio Lower Upper
62 100
64 32.9 24.8 37.2





#5

Bromomethane

Concen: 14.26 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

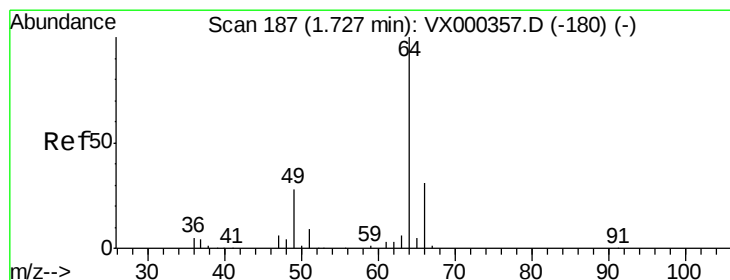
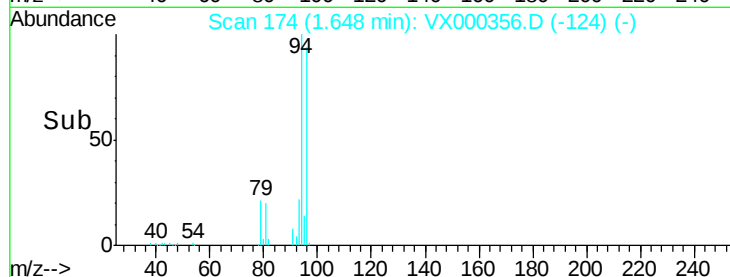
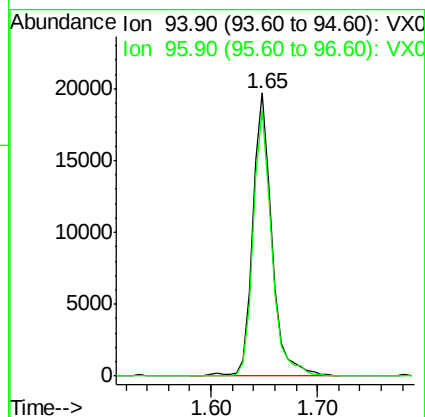
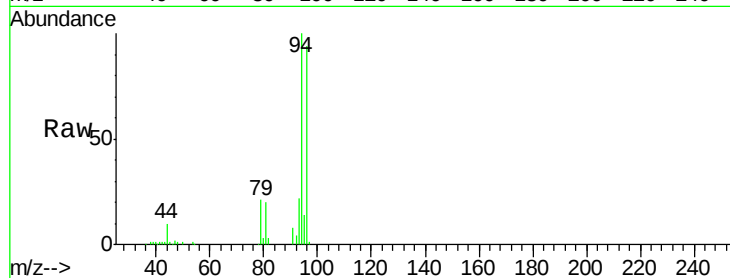
VSTDIC020

Tgt Ion: 94 Resp: 24969

Ion Ratio Lower Upper

94 100

96 93.6 77.7 116.5



#6

Chloroethane

Concen: 17.21 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000356.D

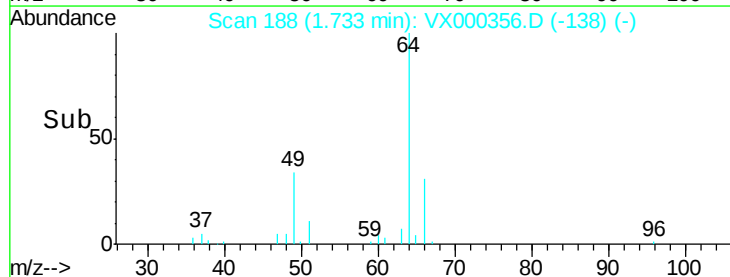
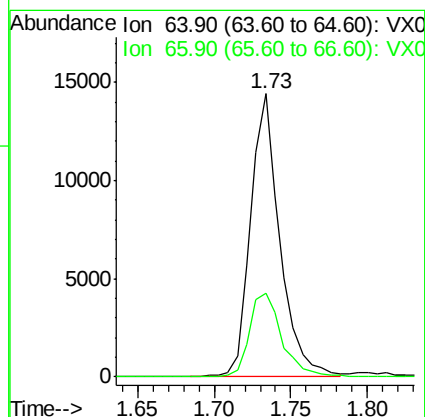
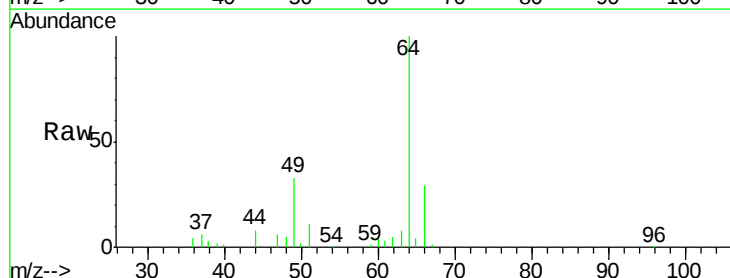
Acq: 20 Mar 2018 11:18

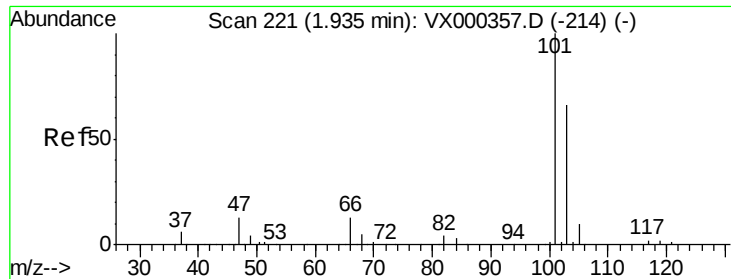
Tgt Ion: 64 Resp: 19184

Ion Ratio Lower Upper

64 100

66 29.4 24.8 37.2



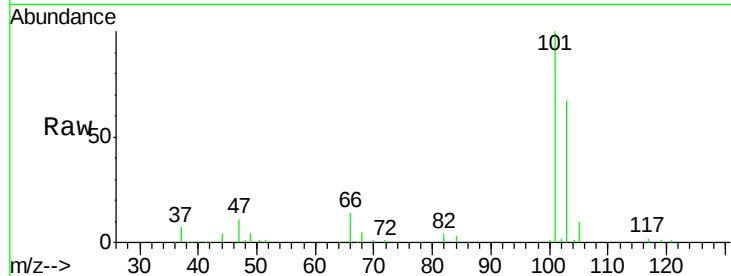


#7

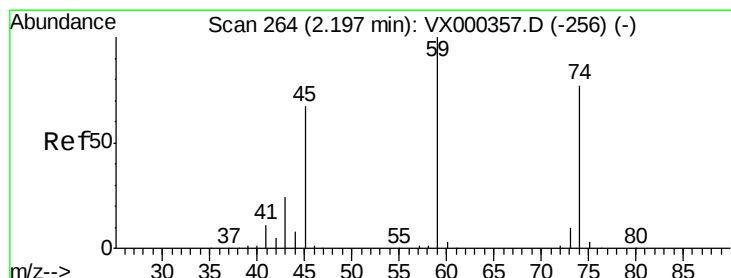
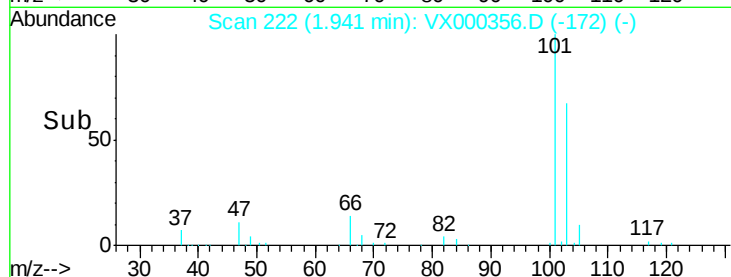
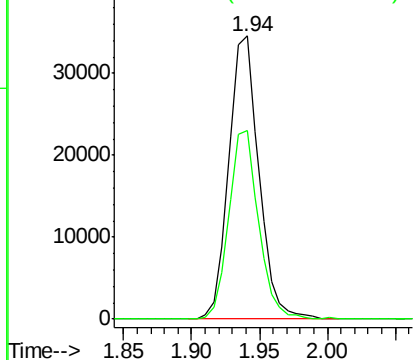
Trichlorofluoromethane
Concen: 19.59 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 53363
Ion Ratio Lower Upper
101 100
103 66.5 51.6 77.4



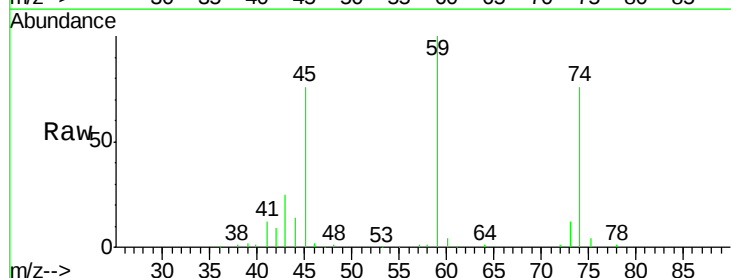
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



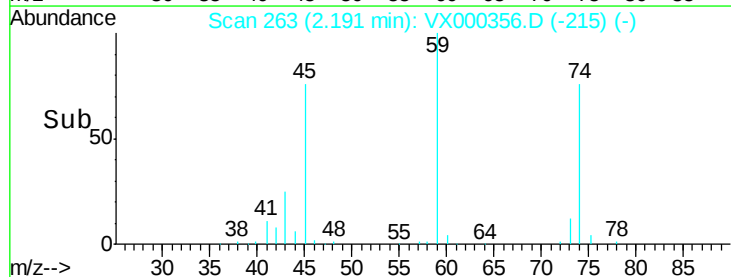
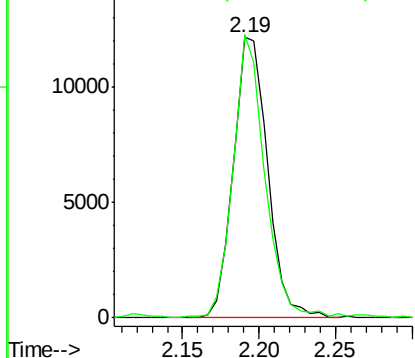
#8

Diethyl Ether
Concen: 19.49 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 74 Resp: 18898
Ion Ratio Lower Upper
74 100
45 94.6 45.1 135.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.80 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

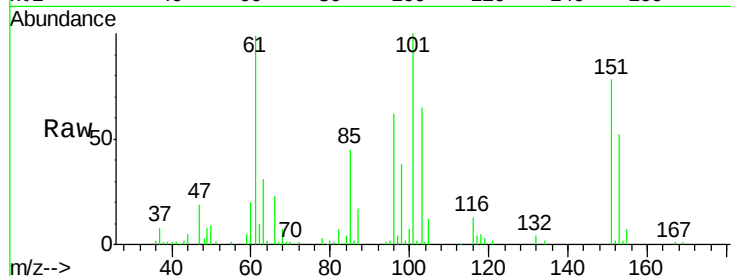
Tgt Ion:101 Resp: 30521

Ion Ratio Lower Upper

101 100

85 48.0 37.6 56.4

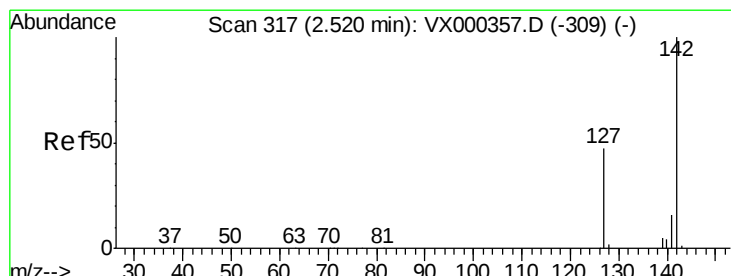
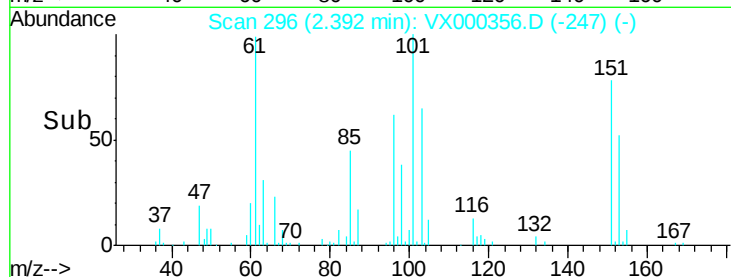
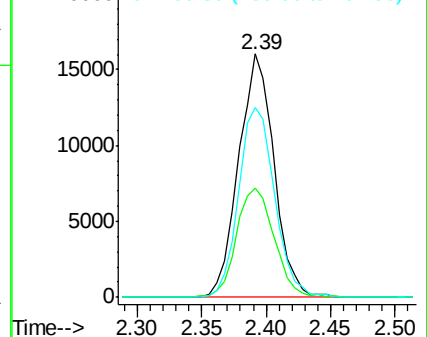
151 79.5 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.90 ug/l

RT: 2.52 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

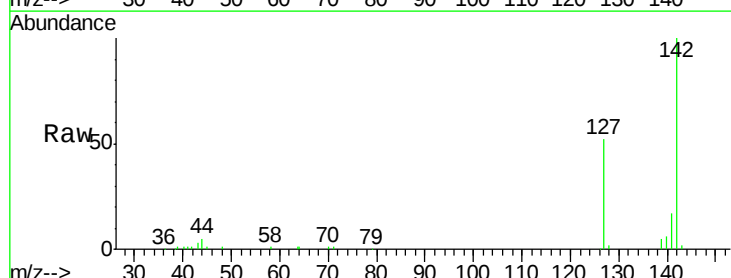
Tgt Ion:142 Resp: 23574

Ion Ratio Lower Upper

142 100

127 49.9 39.2 58.8

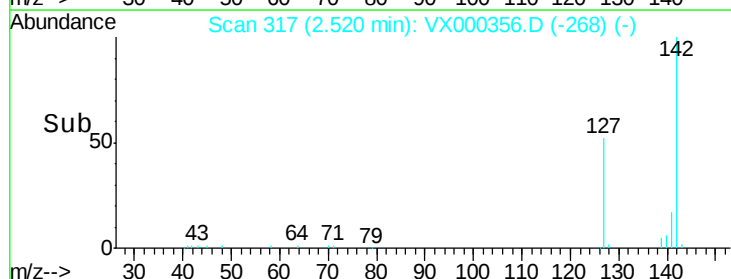
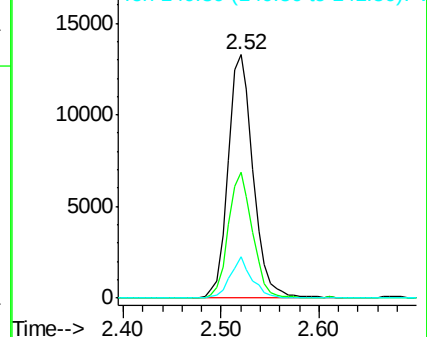
141 14.5 11.7 17.5

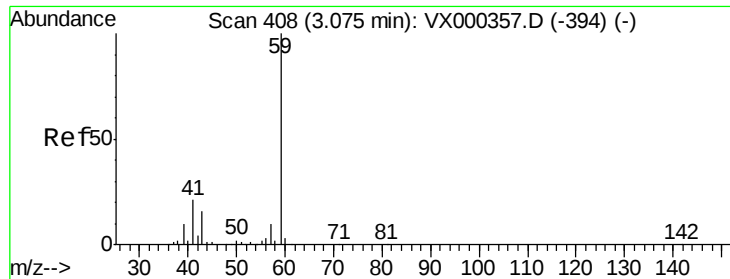


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

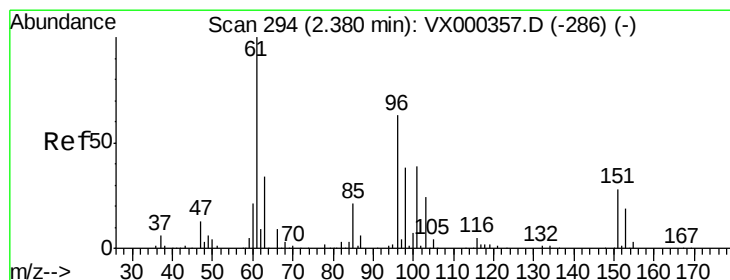
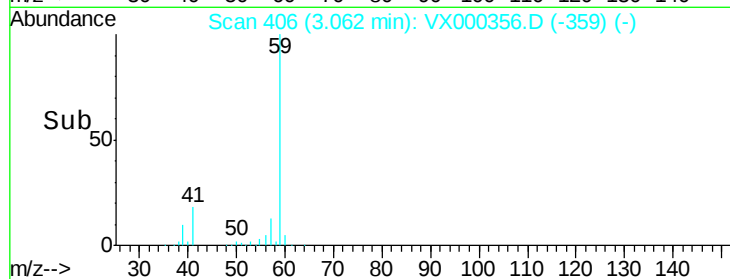
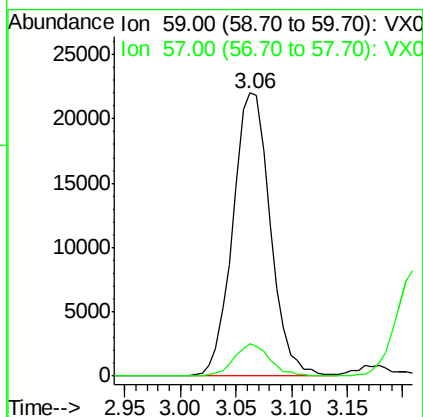
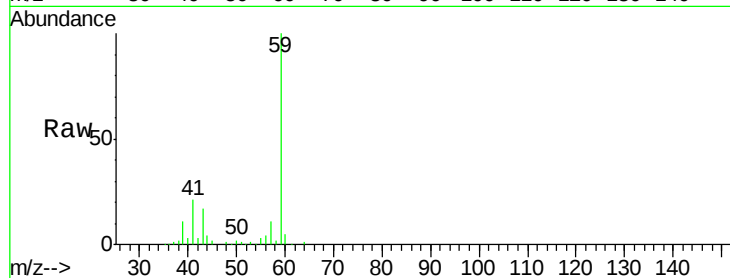




#11
Tert butyl alcohol
Concen: 90.37 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

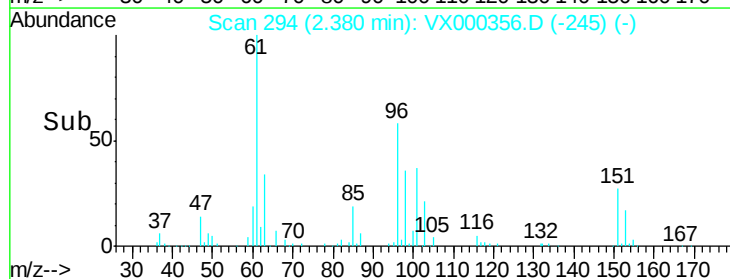
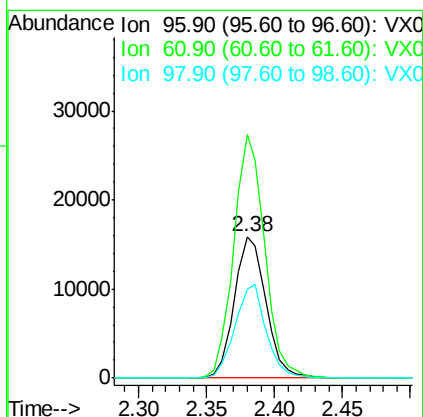
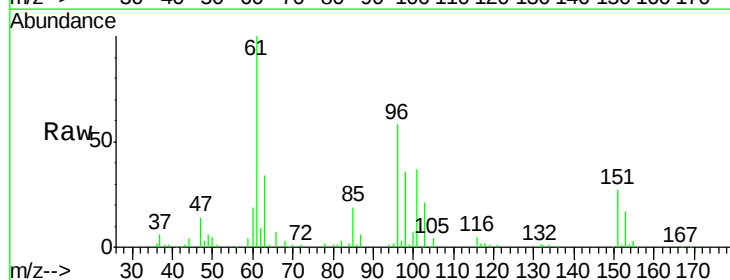
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

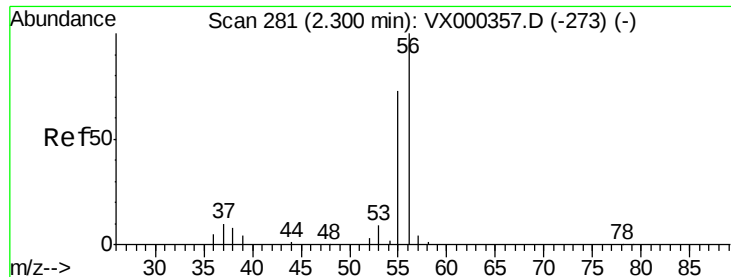
Tgt Ion: 59 Resp: 51591
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.58 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 96 Resp: 25873
Ion Ratio Lower Upper
96 100
61 171.9 131.2 196.8
98 62.6 49.8 74.8





#13

Acrolein

Concen: 64.90 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

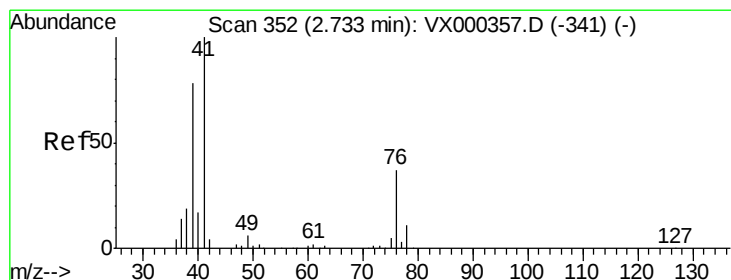
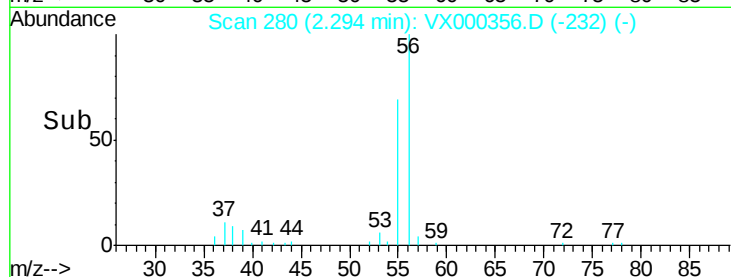
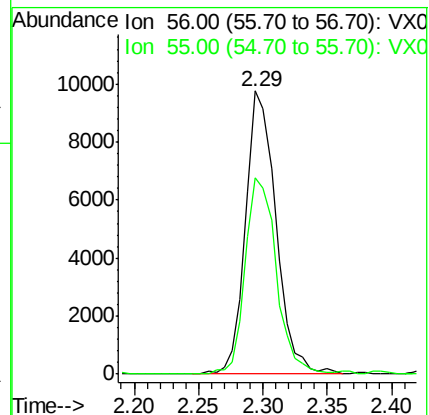
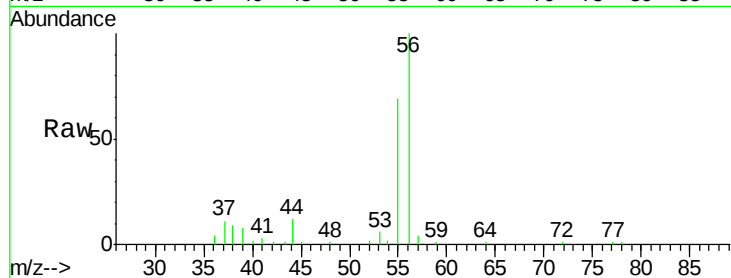
VSTDIC020

Tgt Ion: 56 Resp: 15940

Ion Ratio Lower Upper

56 100

55 70.6 58.8 88.2



#14

Allyl chloride

Concen: 19.09 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

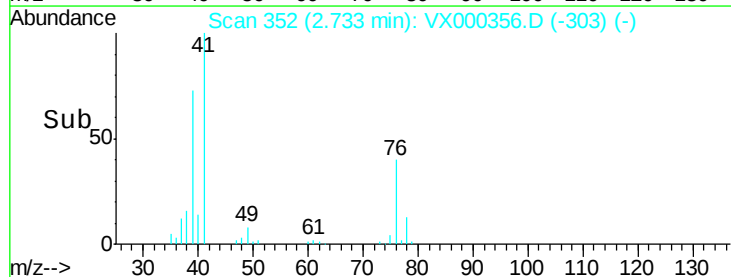
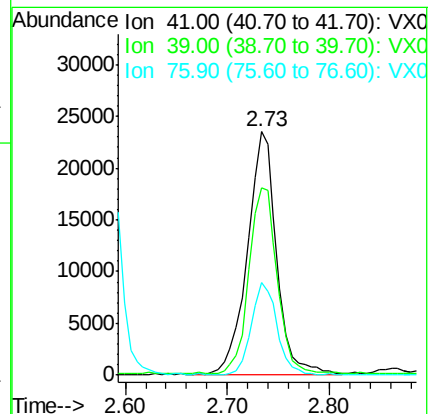
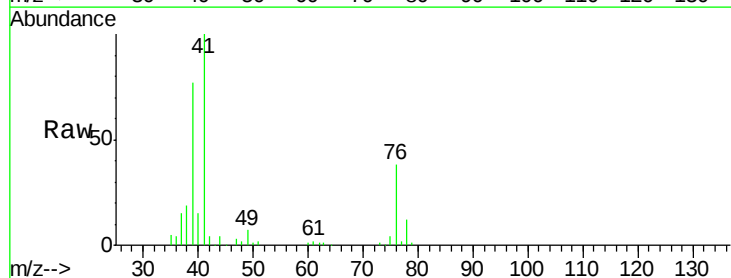
Tgt Ion: 41 Resp: 47402

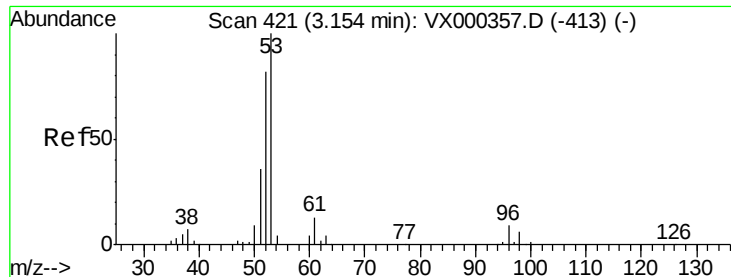
Ion Ratio Lower Upper

41 100

39 73.3 57.6 86.4

76 33.4 27.3 40.9





#15

Acrylonitrile

Concen: 97.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

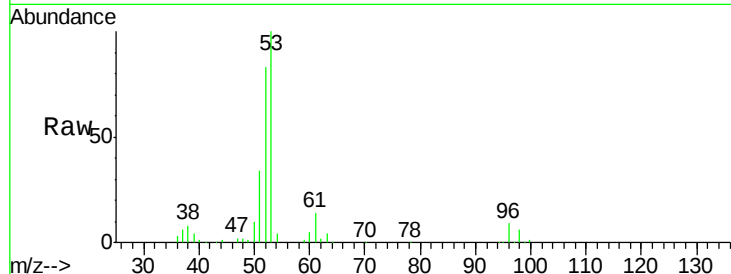
Tgt Ion: 53 Resp: 107521

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

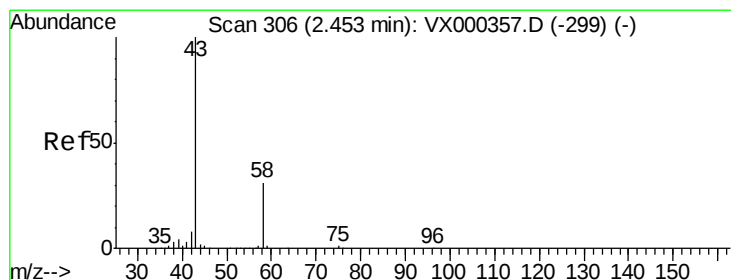
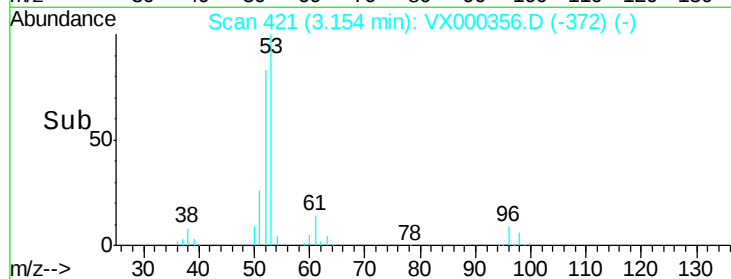
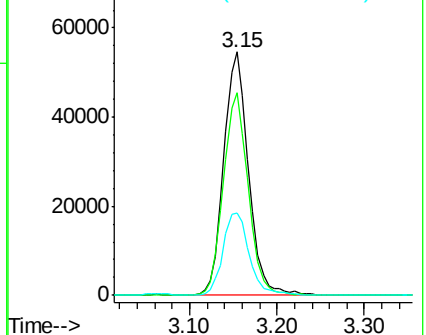
51 36.2 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 110.05 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000356.D

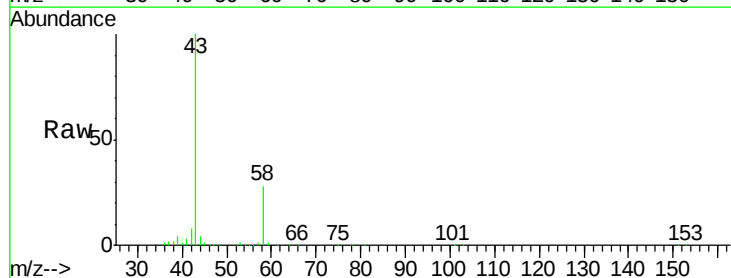
Acq: 20 Mar 2018 11:18

Tgt Ion: 43 Resp: 129659

Ion Ratio Lower Upper

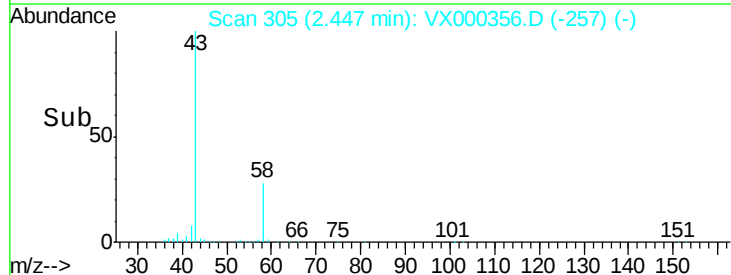
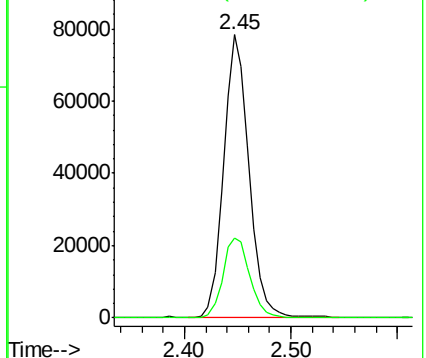
43 100

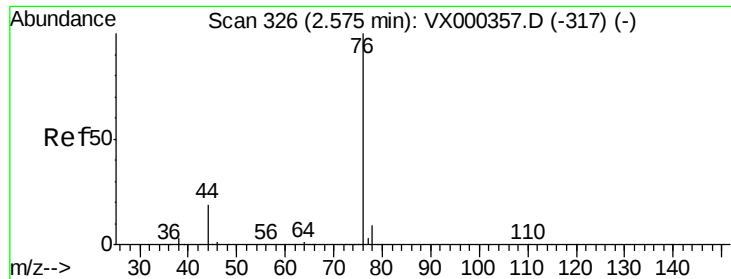
58 28.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

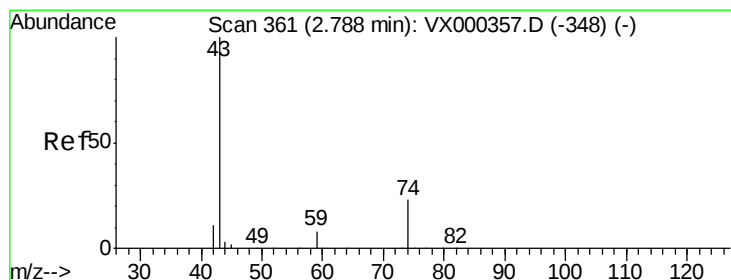
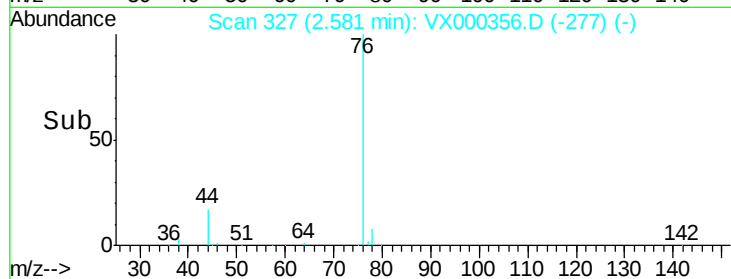
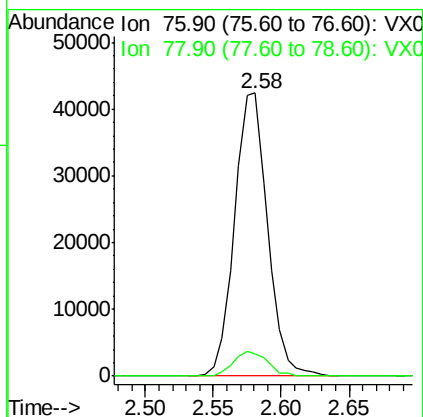
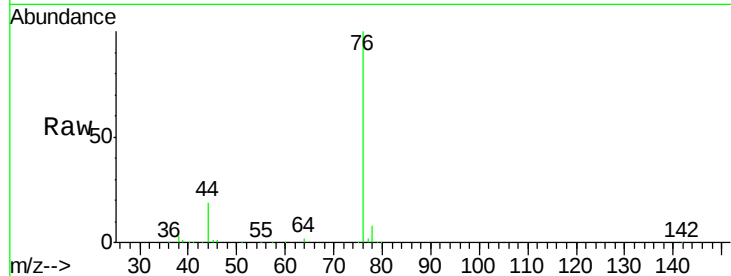




#17
Carbon Disulfide
Concen: 17.64 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

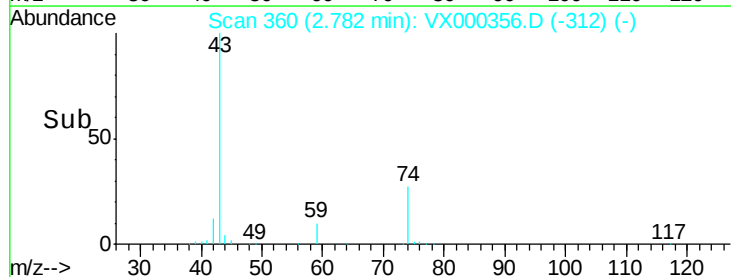
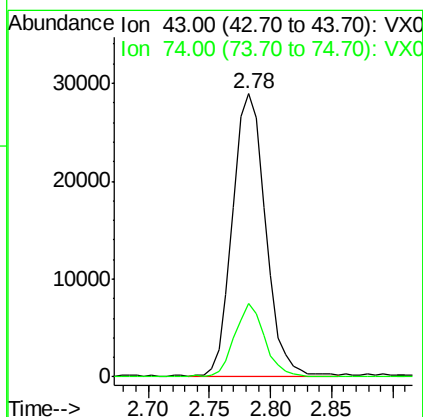
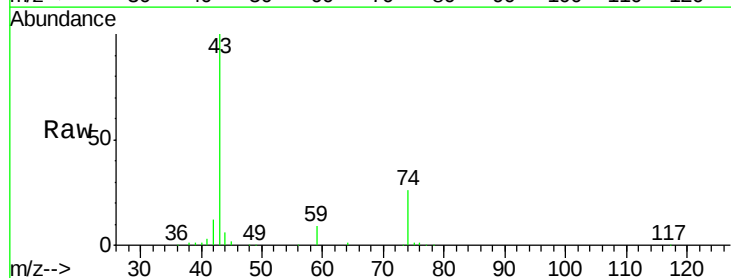
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

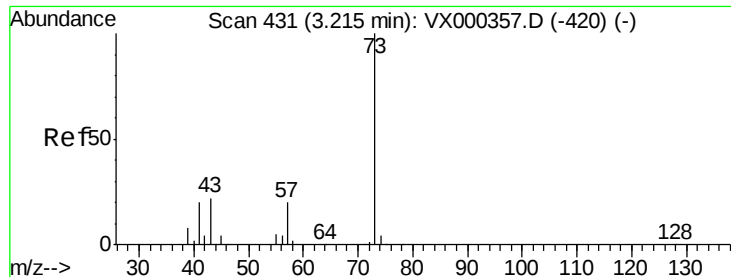
Tgt Ion: 76 Resp: 71758
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.6



#18
Methyl Acetate
Concen: 20.35 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 43 Resp: 53655
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

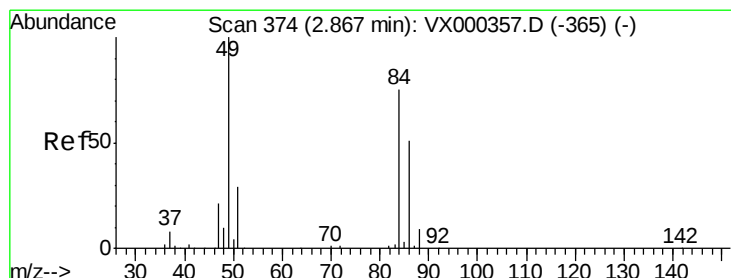
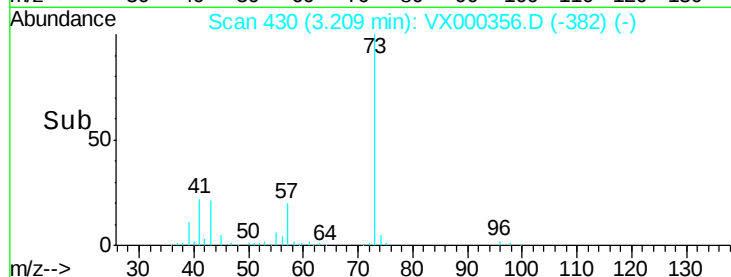
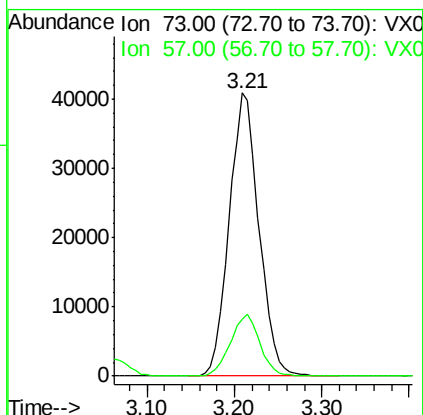
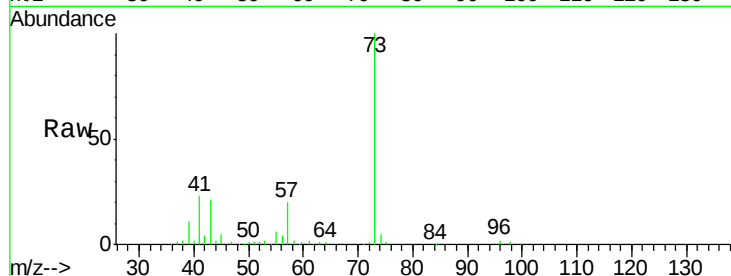




#19
Methyl tert-butyl Ether
Concen: 19.67 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

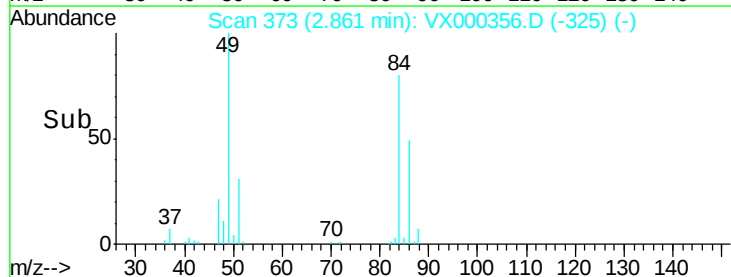
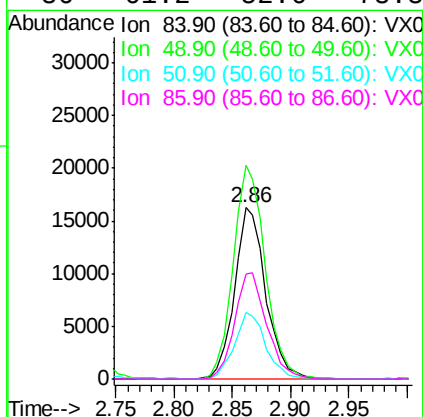
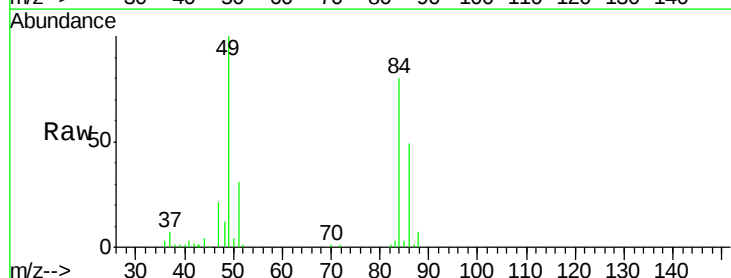
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

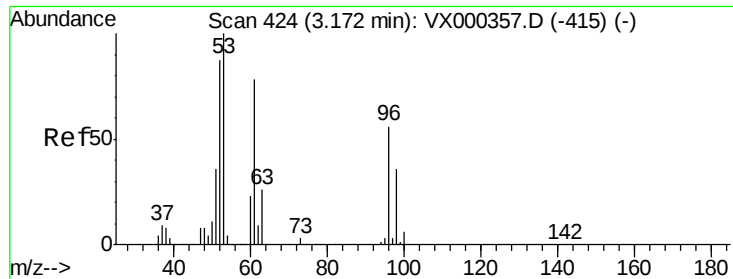
Tgt Ion: 73 Resp: 96404
Ion Ratio Lower Upper
73 100
57 20.1 17.2 25.8



#20
Methylene Chloride
Concen: 19.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 84 Resp: 30350
Ion Ratio Lower Upper
84 100
49 124.9 100.6 151.0
51 38.9 31.6 47.4
86 61.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.52 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

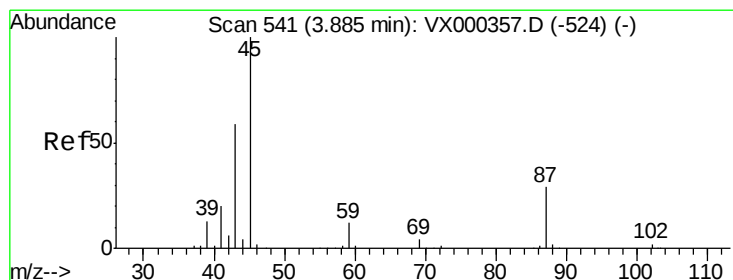
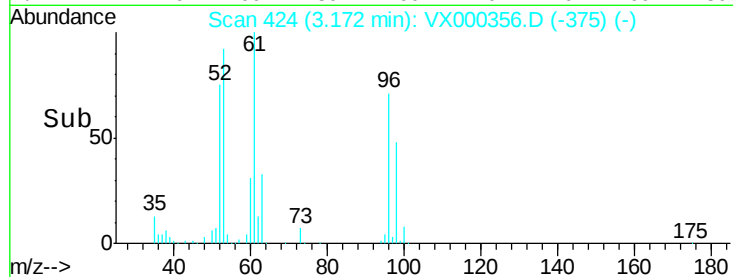
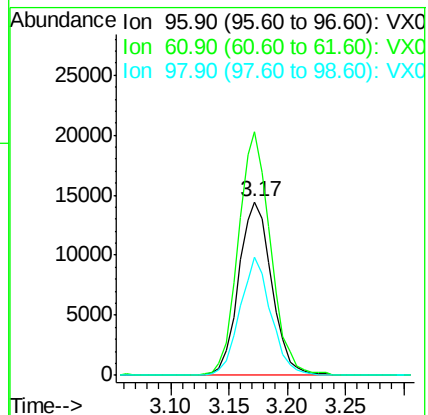
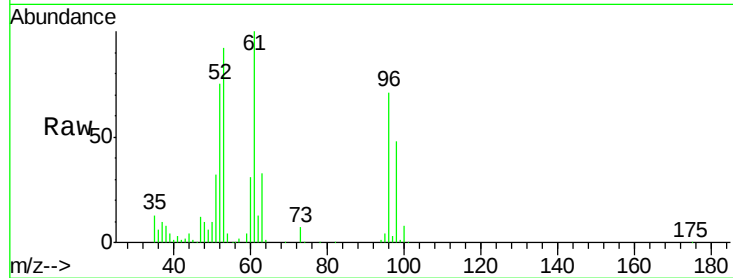
Tgt Ion: 96 Resp: 28502

Ion Ratio Lower Upper

96 100

61 140.1 104.0 156.0

98 67.9 52.1 78.1



#22

Diisopropyl ether

Concen: 21.80 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion: 45 Resp: 90074

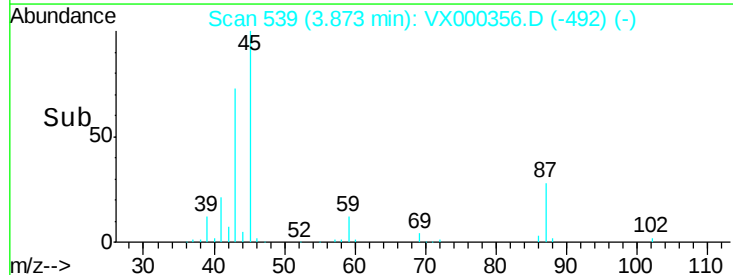
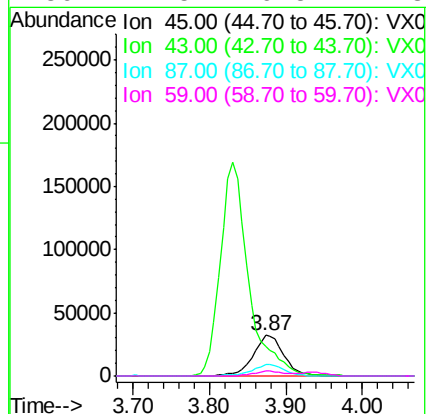
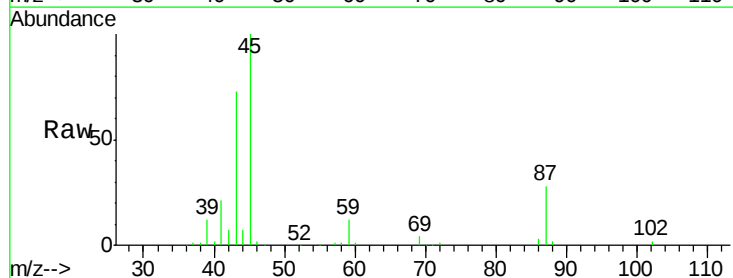
Ion Ratio Lower Upper

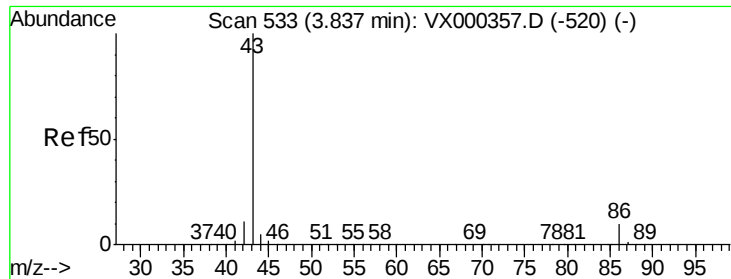
45 100

43 72.2 53.9 80.9

87 28.4 22.6 34.0

59 11.5 9.5 14.3





#23

Vinyl Acetate

Concen: 110.87 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

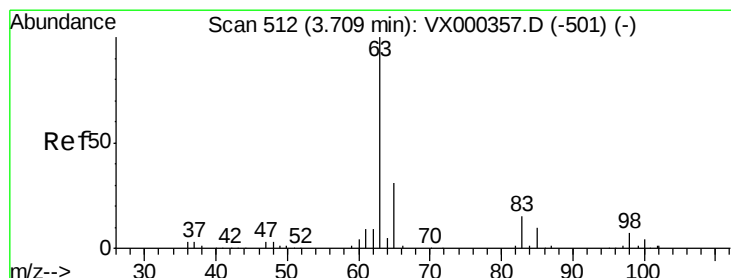
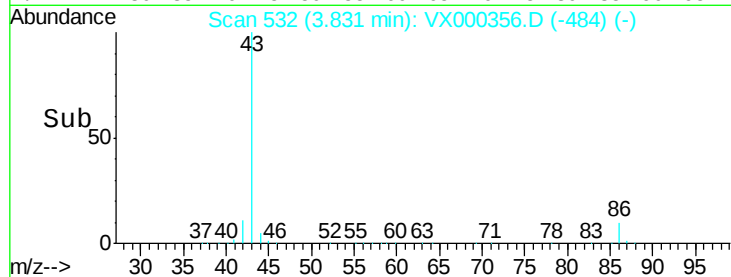
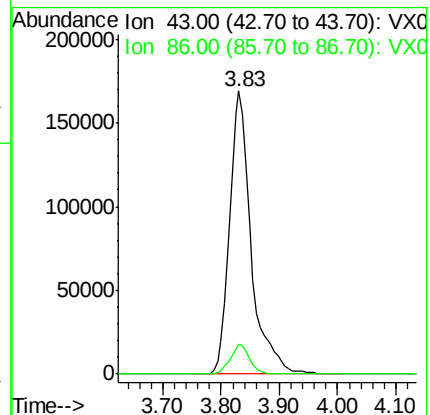
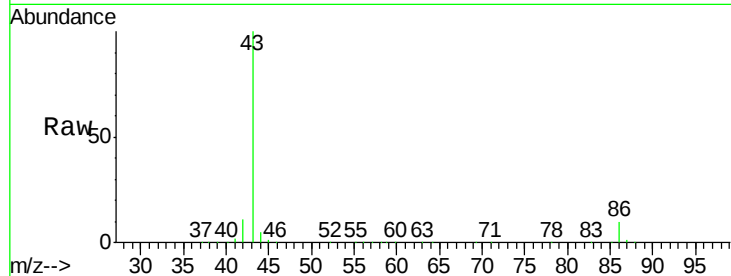
VSTDIC020

Tgt Ion: 43 Resp: 436653

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 20.52 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

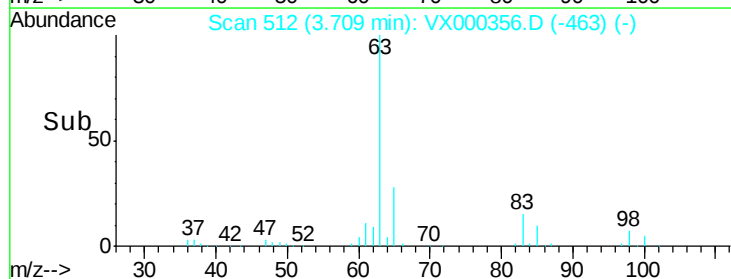
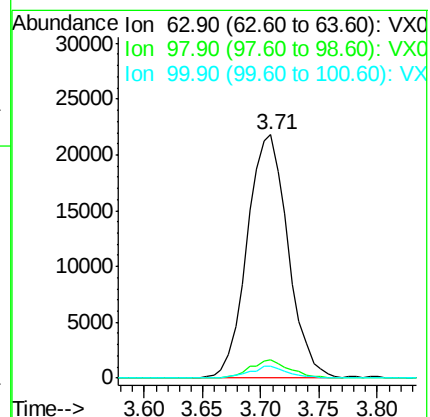
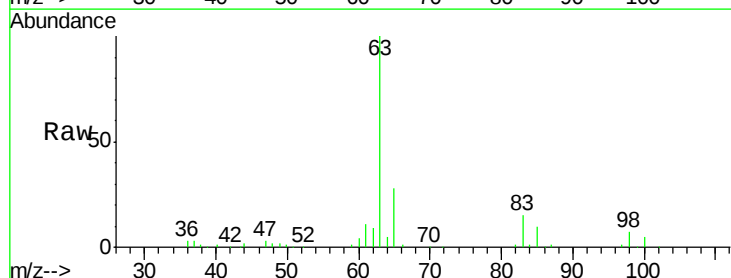
Tgt Ion: 63 Resp: 53348

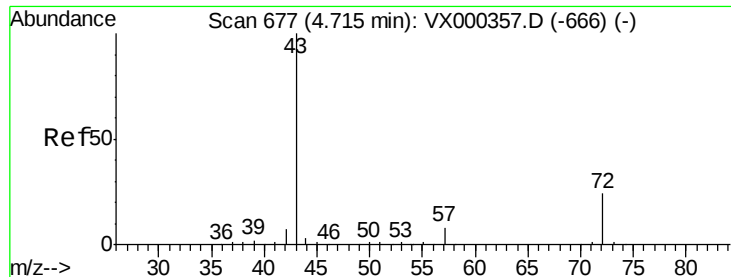
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.9 2.0 5.8





#25

2-Butanone

Concen: 102.58 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

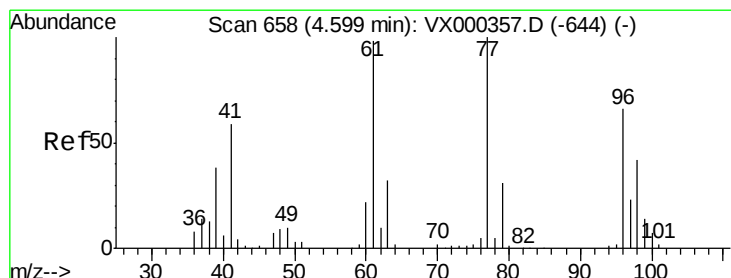
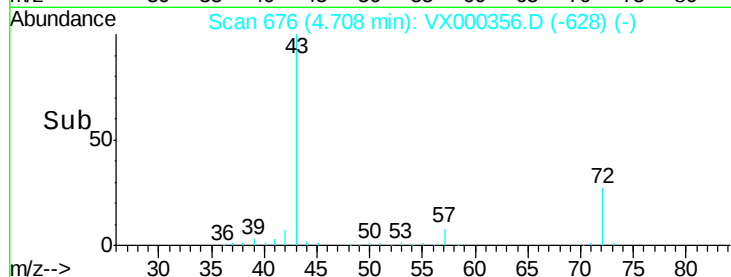
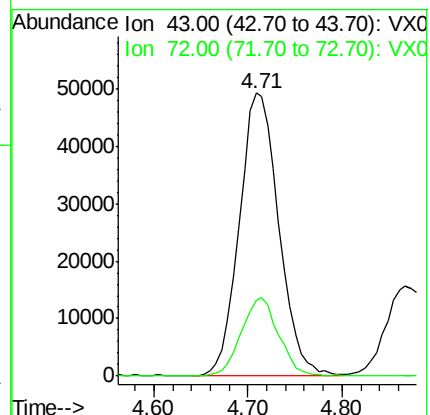
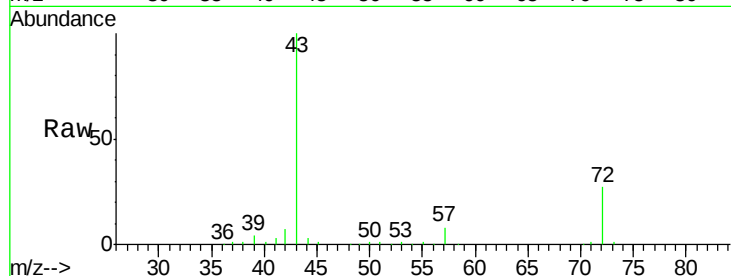
VSTDIC020

Tgt Ion: 43 Resp: 144442

Ion Ratio Lower Upper

43 100

72 26.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.57 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000356.D

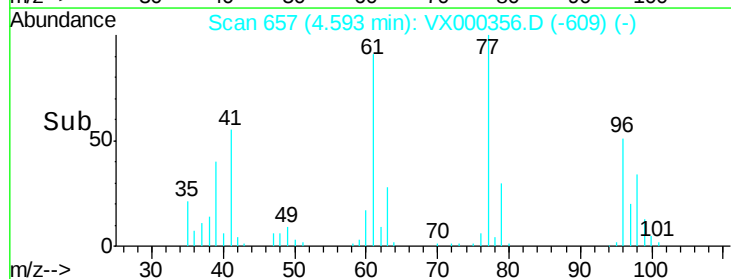
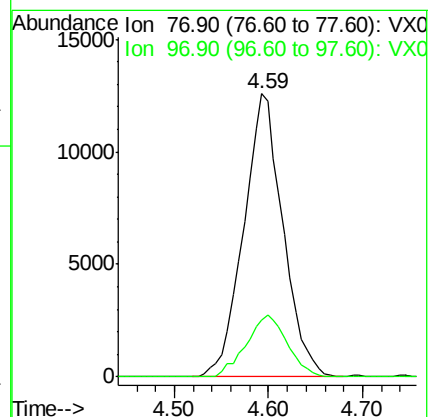
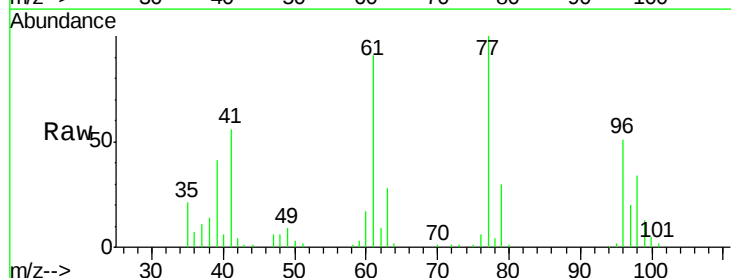
Acq: 20 Mar 2018 11:18

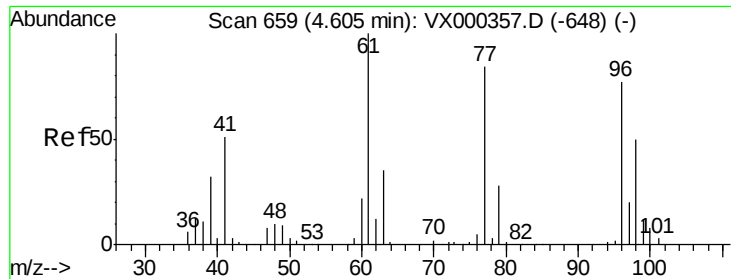
Tgt Ion: 77 Resp: 36718

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8



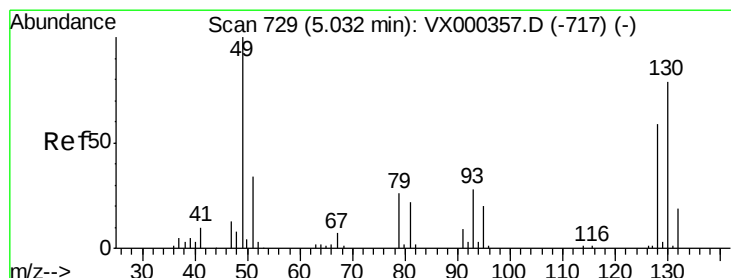
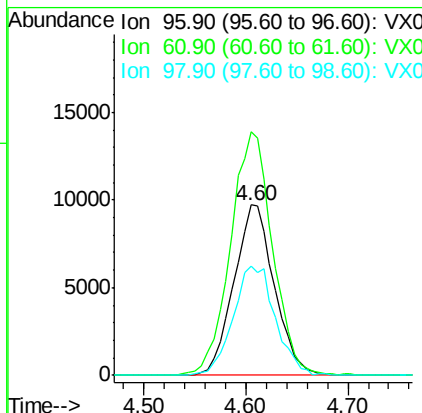
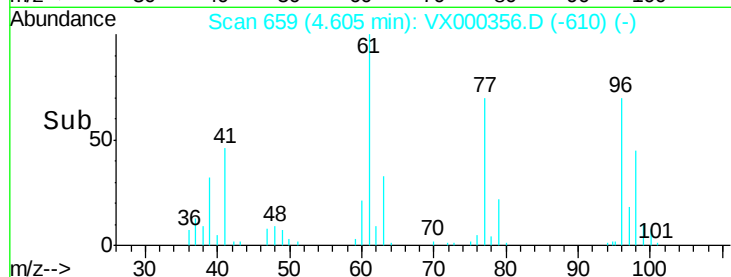
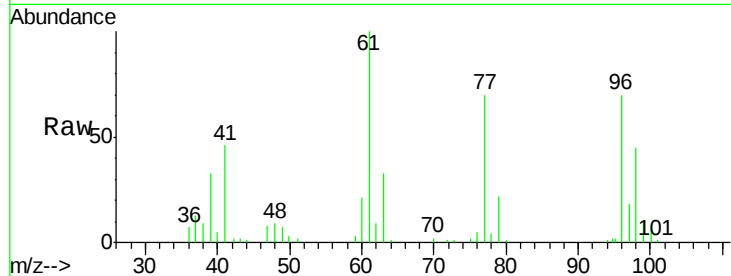


#27

cis-1,2-Dichloroethene
Concen: 18.96 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

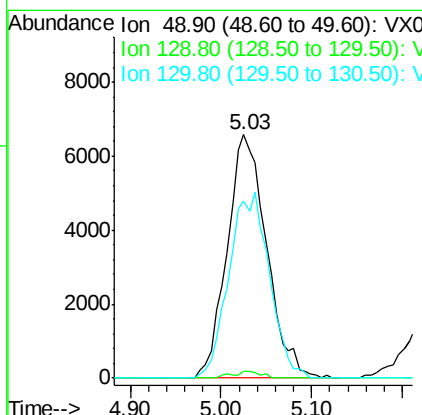
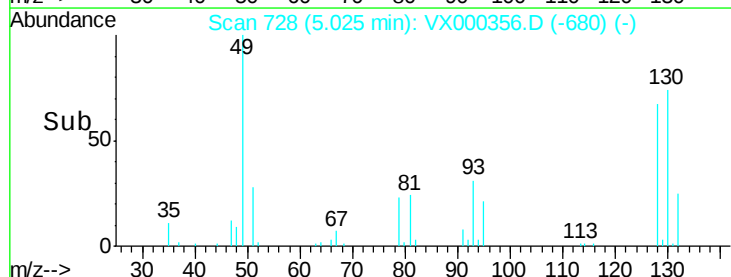
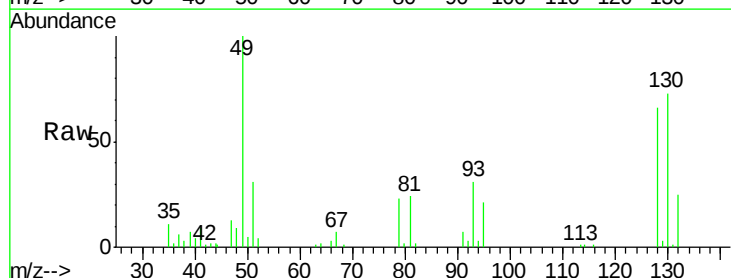
Tgt Ion: 96 Resp: 26656
Ion Ratio Lower Upper
96 100
61 148.5 0.0 291.6
98 66.6 0.0 132.0



#28

Bromochloromethane
Concen: 18.21 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 49 Resp: 19894
Ion Ratio Lower Upper
49 100
129 2.0 0.0 5.0
130 78.0 64.0 96.0





#29

Tetrahydrofuran

Concen: 95.00 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

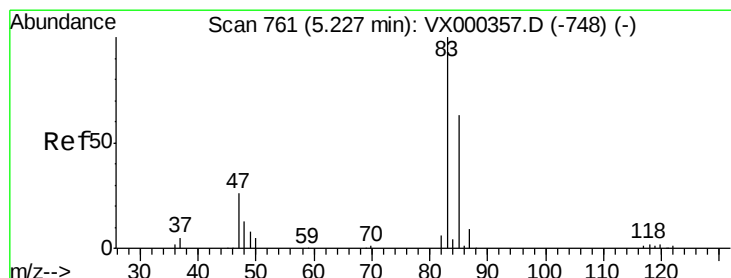
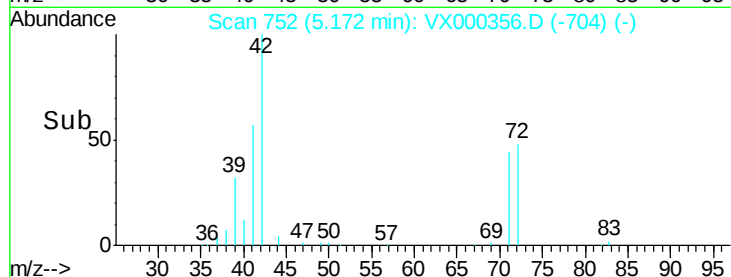
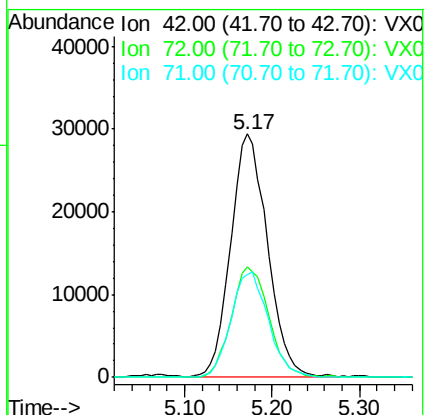
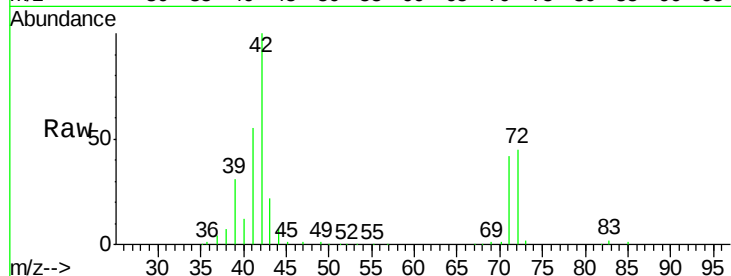
Tgt Ion: 42 Resp: 86100

Ion Ratio Lower Upper

42 100

72 46.6 37.9 56.9

71 44.0 34.4 51.6



#30

Chloroform

Concen: 19.63 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX000356.D

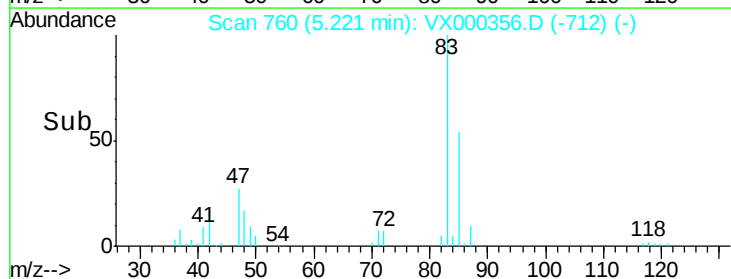
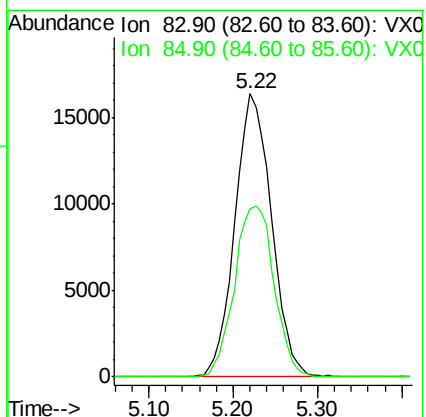
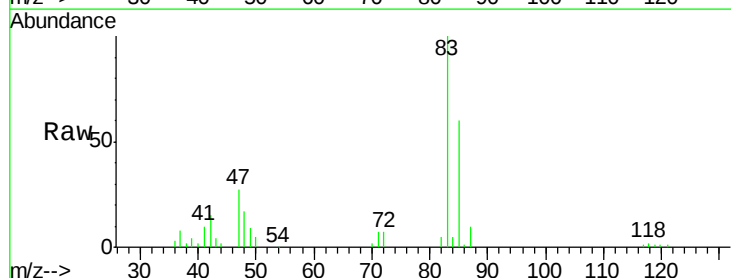
Acq: 20 Mar 2018 11:18

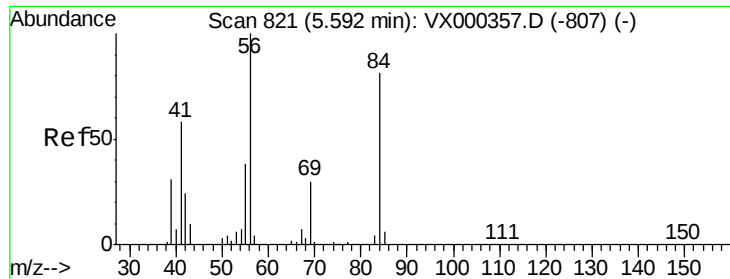
Tgt Ion: 83 Resp: 48171

Ion Ratio Lower Upper

83 100

85 59.6 53.3 79.9





#31

Cyclohexane

Concen: 20.00 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

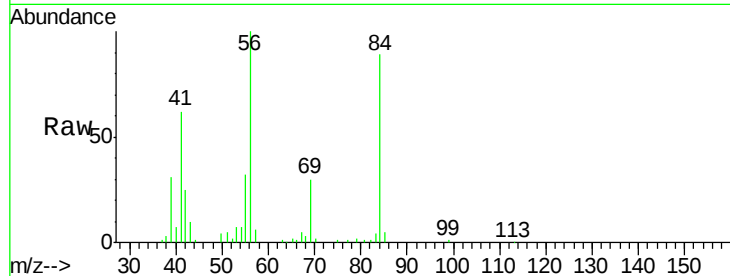
Tgt Ion: 56 Resp: 39897

Ion Ratio Lower Upper

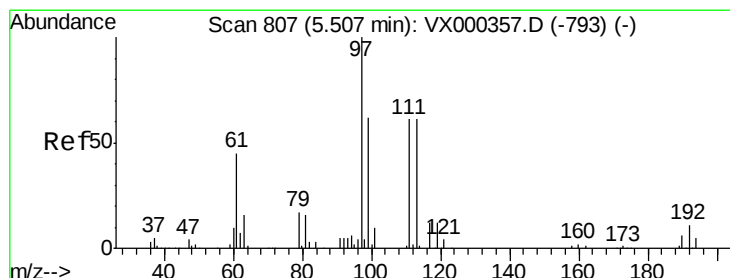
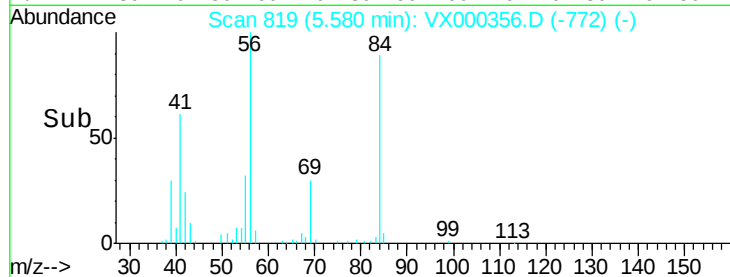
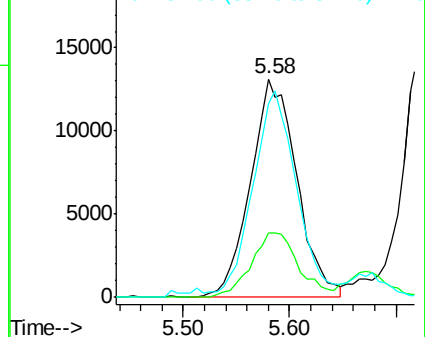
56 100

69 29.8 23.4 35.0

84 87.4 71.0 106.4



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: 19.83 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

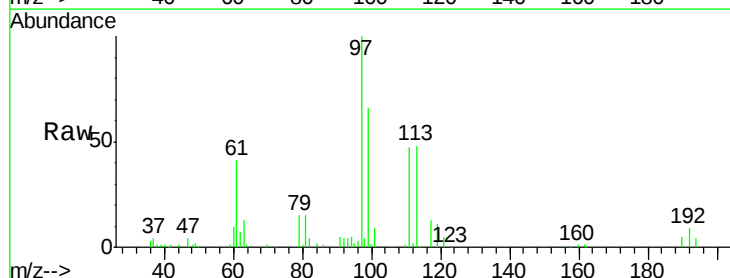
Tgt Ion: 97 Resp: 43009

Ion Ratio Lower Upper

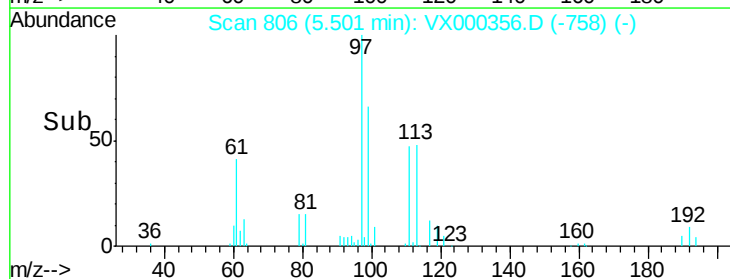
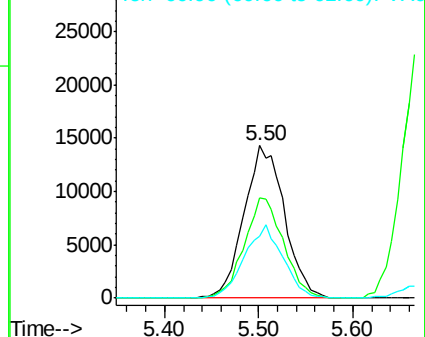
97 100

99 64.1 52.1 78.1

61 45.5 36.2 54.4



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

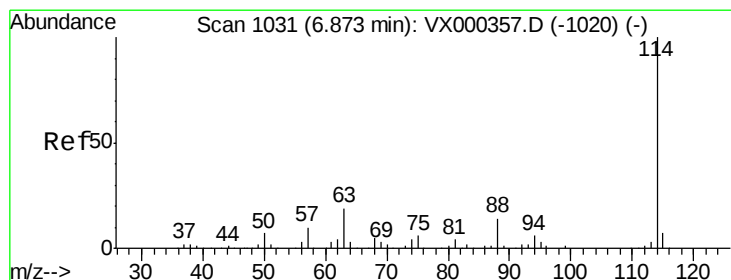
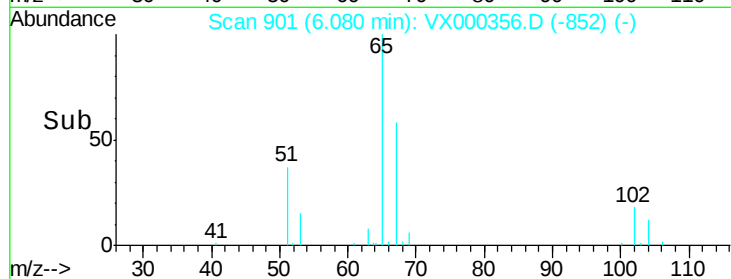
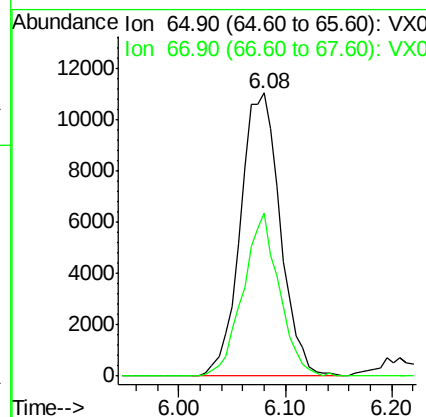
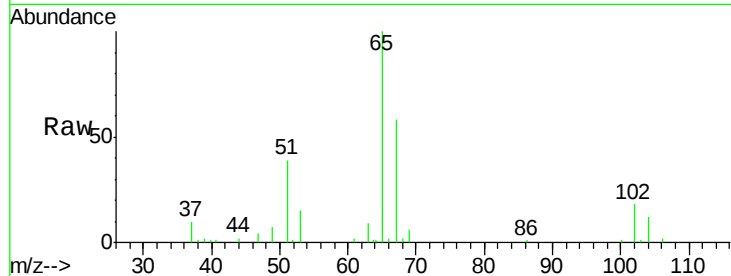




#33
 1,2-Dichloroethane-d4
 Concen: 16.43 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

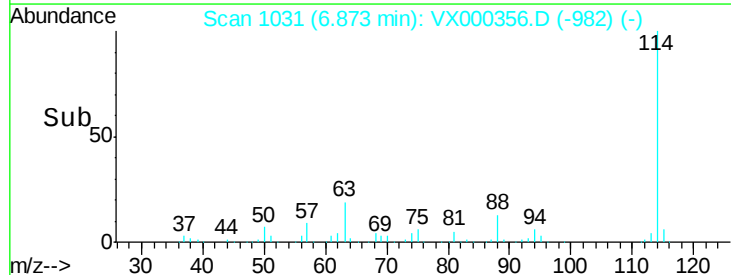
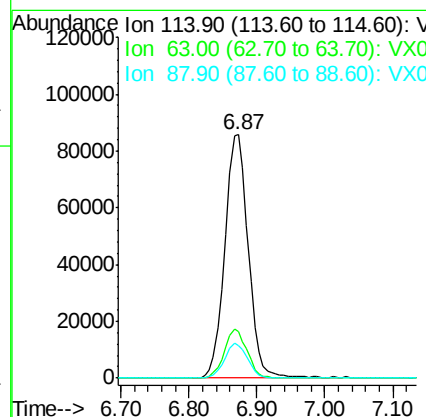
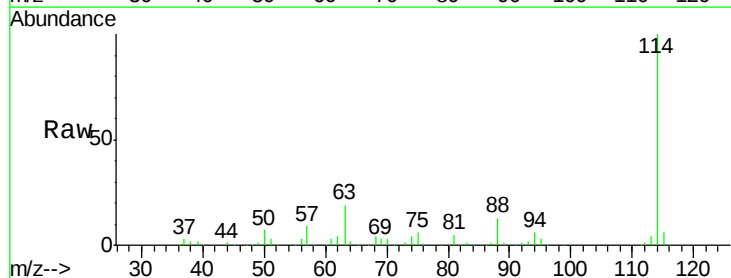
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

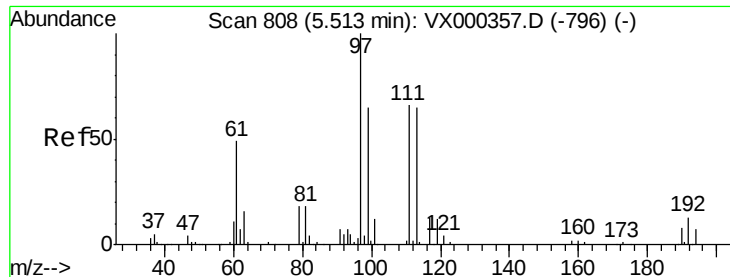
Tgt Ion: 65 Resp: 28992
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 114 Resp: 205040
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 13.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 17.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

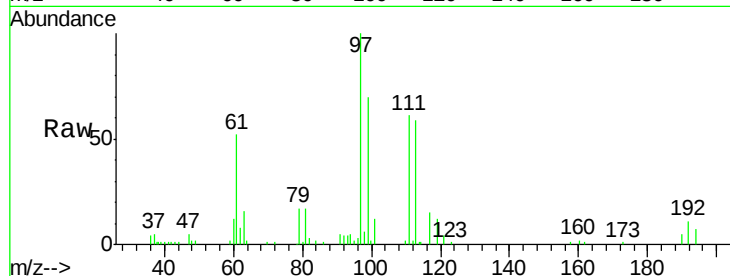
Tgt Ion:113 Resp: 22187

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

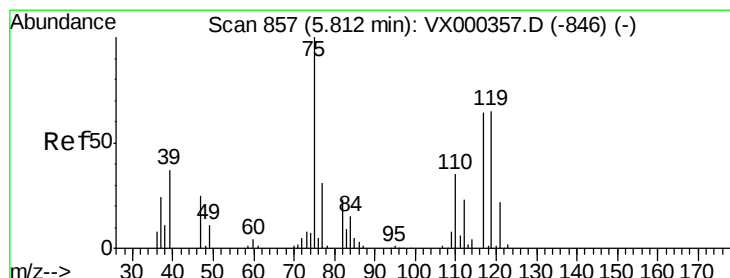
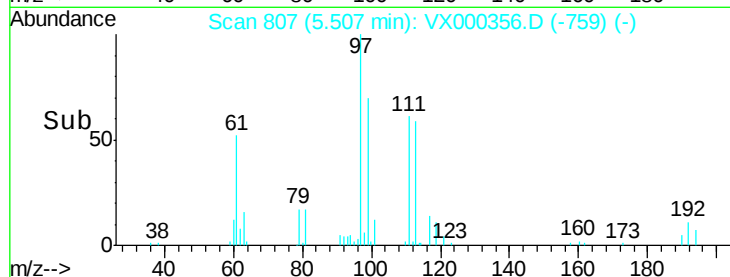
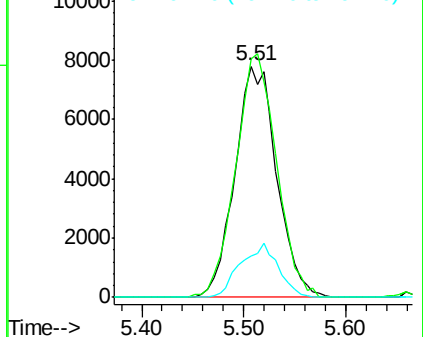
192 21.1 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.10 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

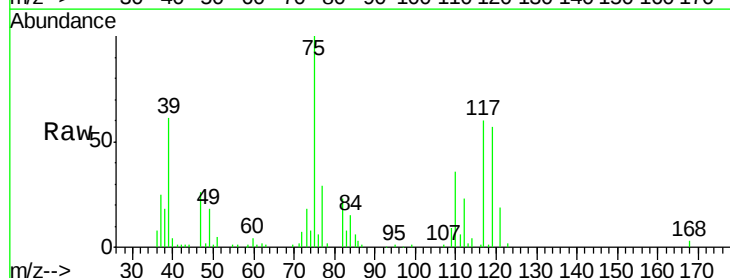
Tgt Ion: 75 Resp: 35578

Ion Ratio Lower Upper

75 100

110 36.3 17.9 53.7

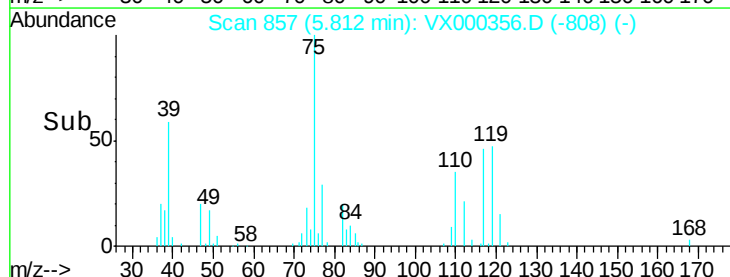
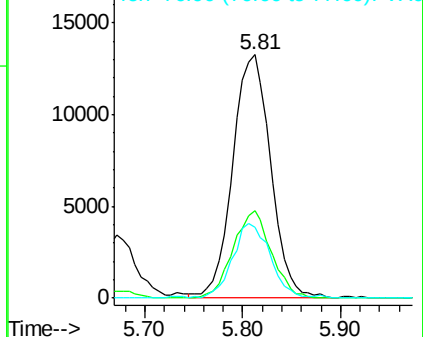
77 30.5 24.0 36.0

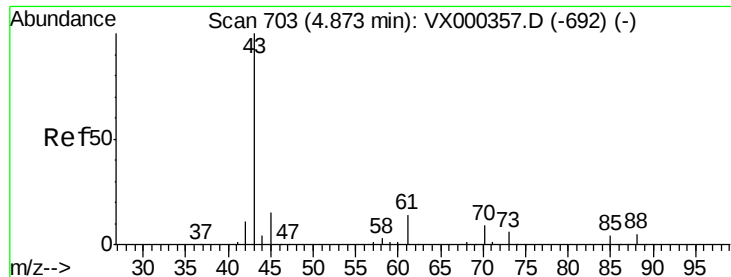


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

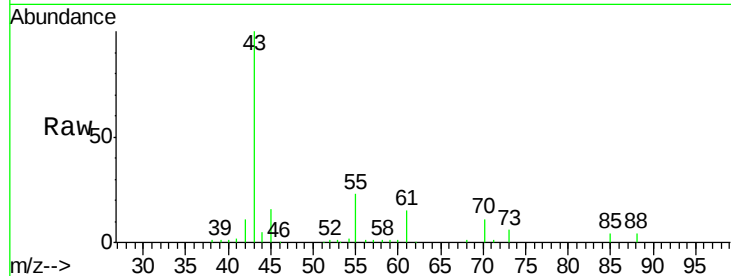




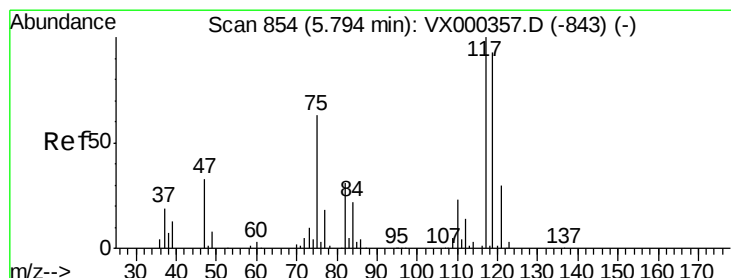
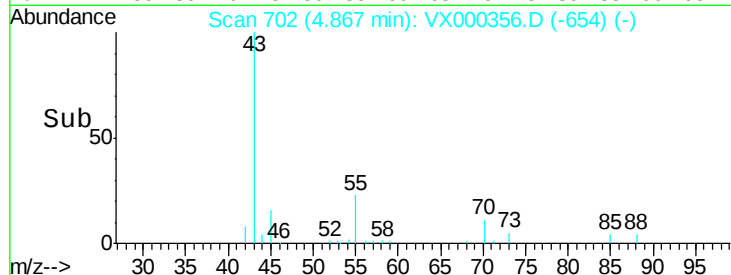
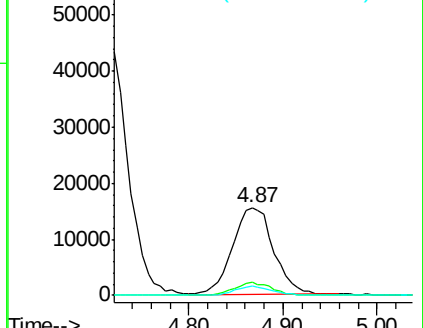
#37
Ethyl Acetate
Concen: 19.10 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion: 43 Resp: 47286
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.6 7.7 11.5

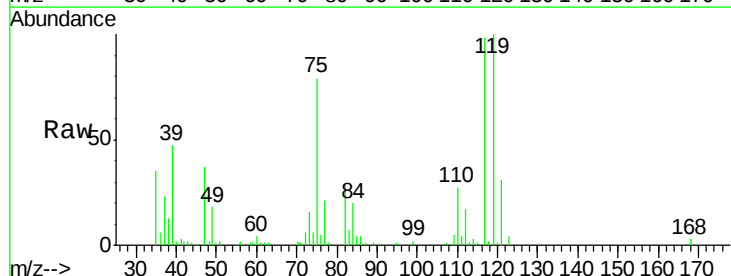


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

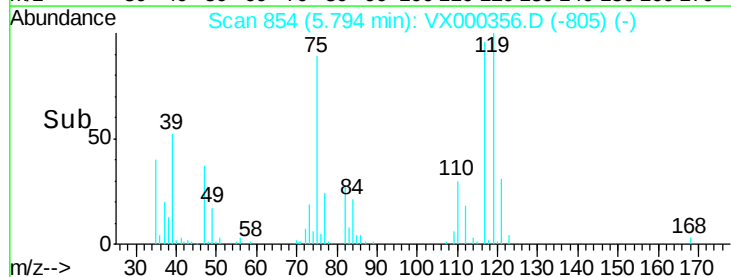
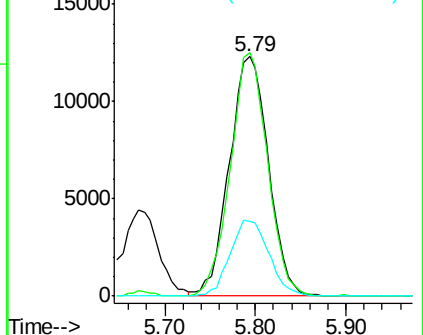


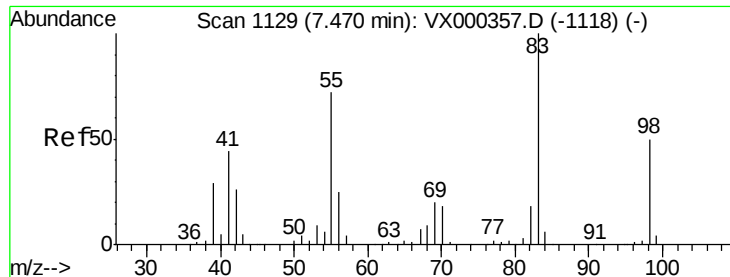
#38
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 117 Resp: 36849
Ion Ratio Lower Upper
117 100
119 101.6 77.4 116.2
121 31.3 24.8 37.2



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

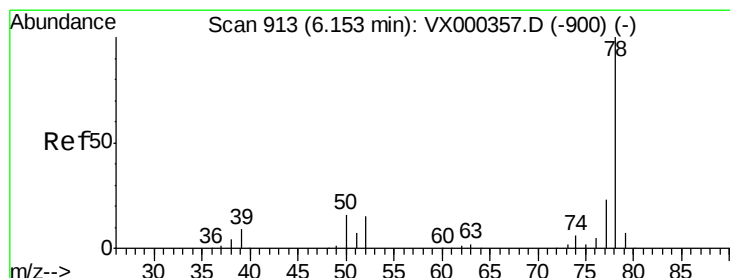
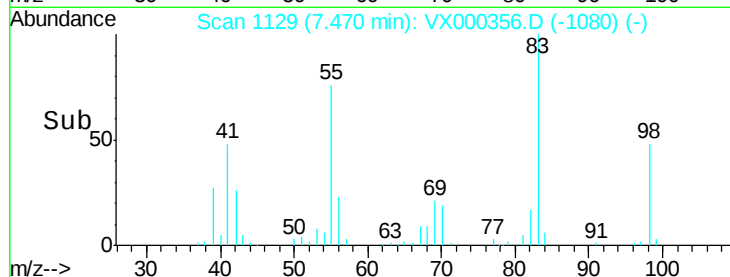
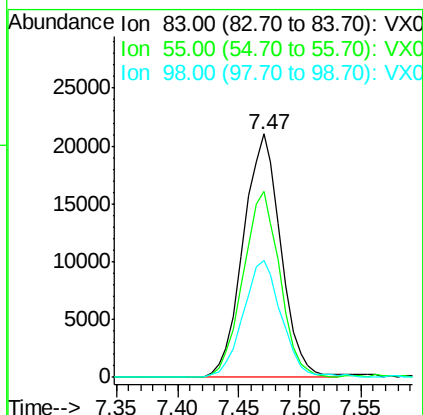
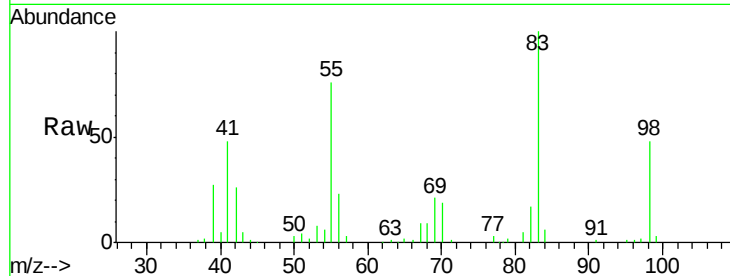




#39
Methylcyclohexane
Concen: 20.75 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

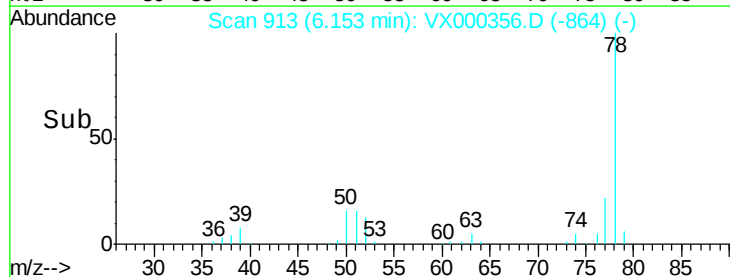
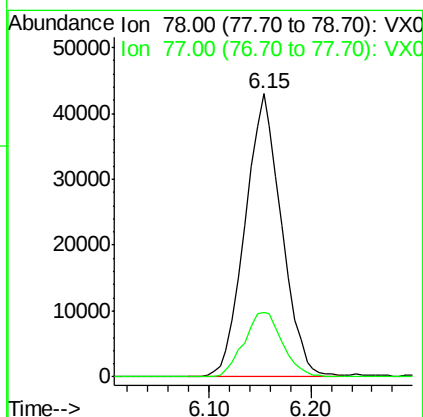
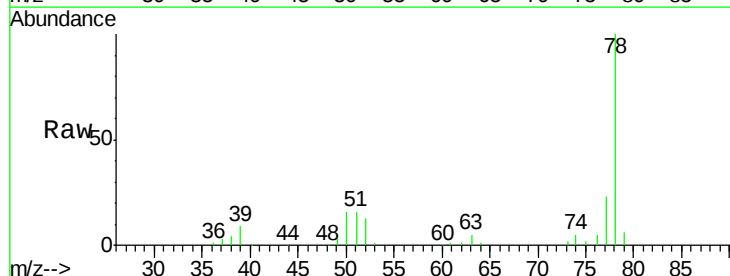
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

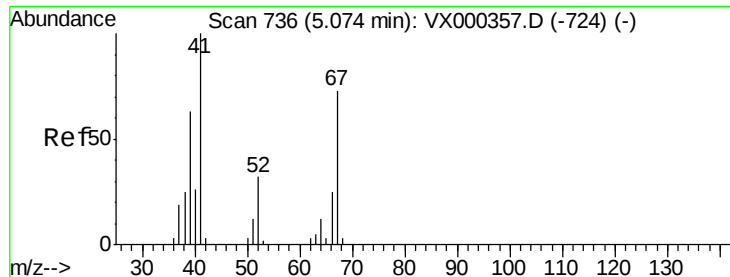
Tgt Ion: 83 Resp: 45097
Ion Ratio Lower Upper
83 100
55 76.4 55.5 83.3
98 48.1 38.2 57.4



#40
Benzene
Concen: 20.26 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 78 Resp: 107063
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1





#41

Methacrylonitrile

Concen: 19.66 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tgt Ion: 41 Resp: 25557

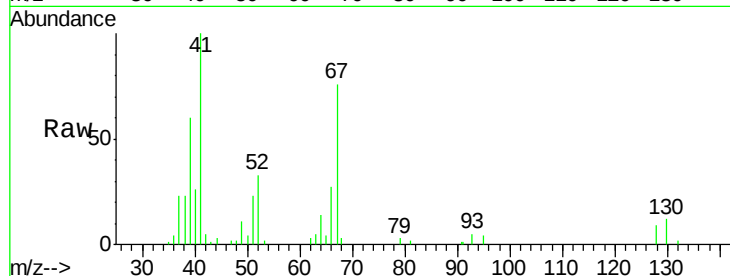
Ion Ratio Lower Upper

41 100

39 57.8 45.7 68.5

67 75.1 57.8 86.8

52 33.1 26.7 40.1

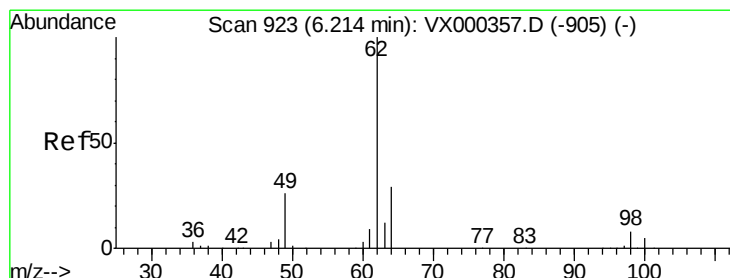
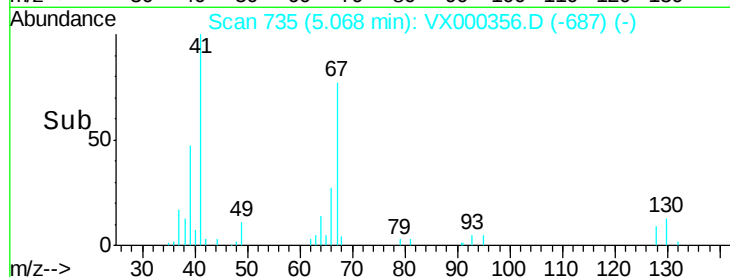
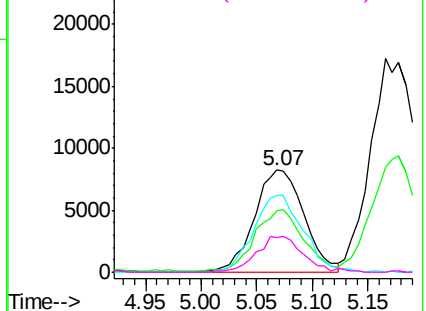


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.22 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000356.D

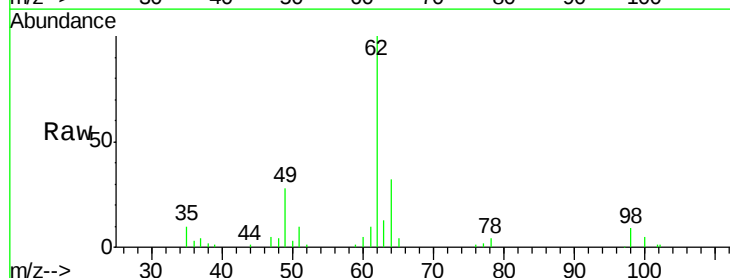
Acq: 20 Mar 2018 11:18

Tgt Ion: 62 Resp: 42358

Ion Ratio Lower Upper

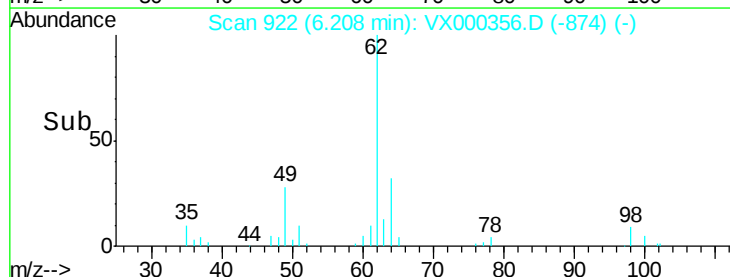
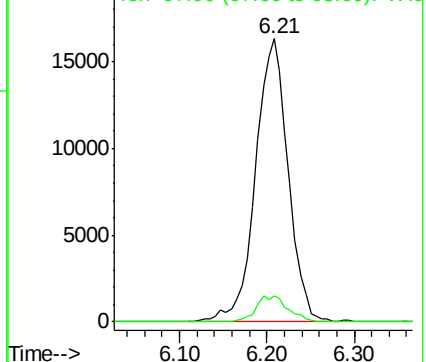
62 100

98 8.8 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



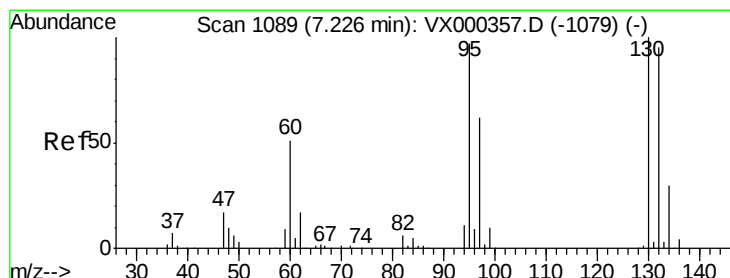
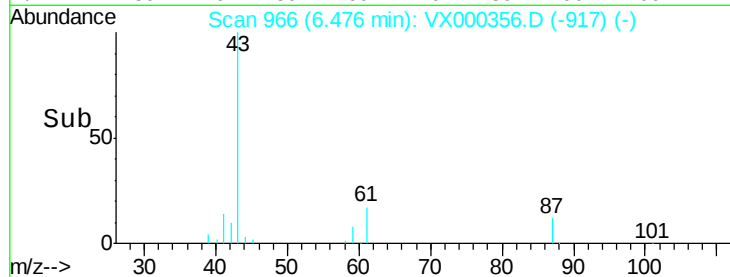
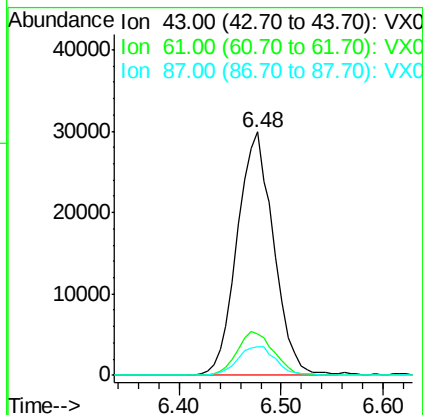
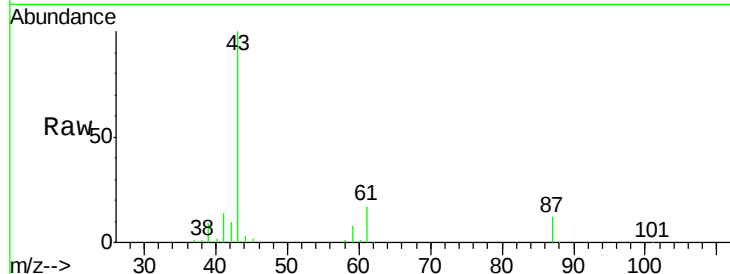


#43

Isopropyl Acetate
 Concen: 20.74 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

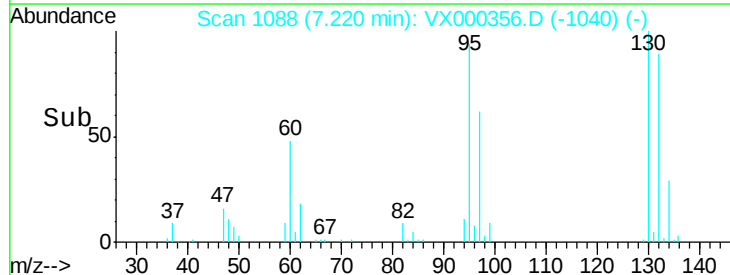
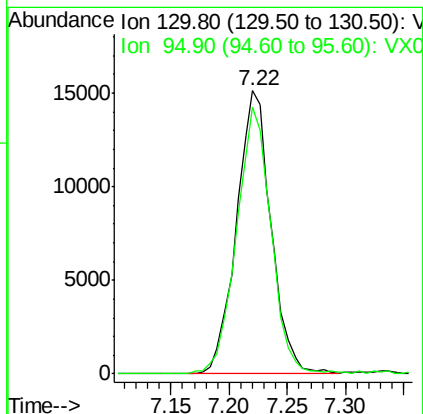
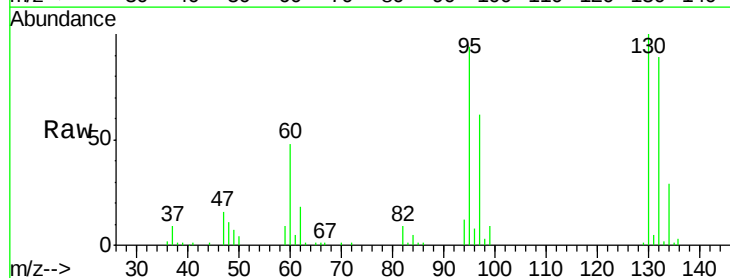
Tgt Ion: 43 Resp: 74133
 Ion Ratio Lower Upper
 43 100
 61 18.1 14.4 21.6
 87 12.5 11.0 16.4



#44

Trichloroethene
 Concen: 20.41 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 130 Resp: 31252
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 186.0

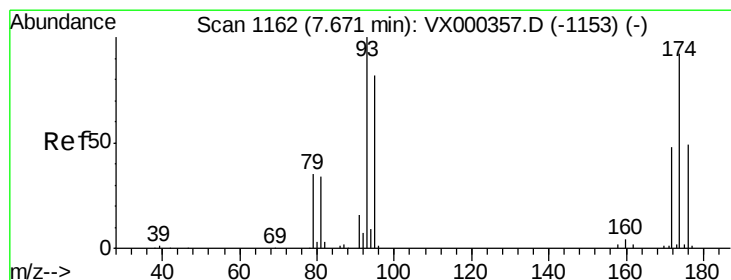
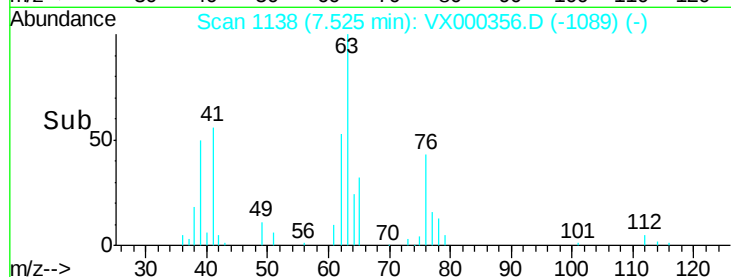
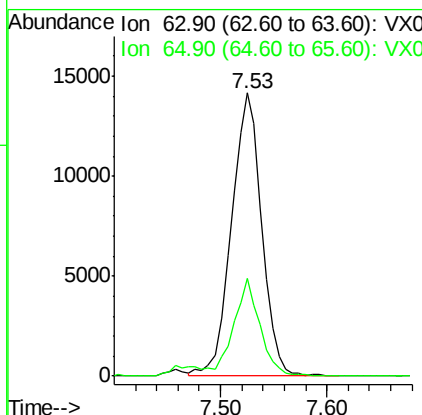
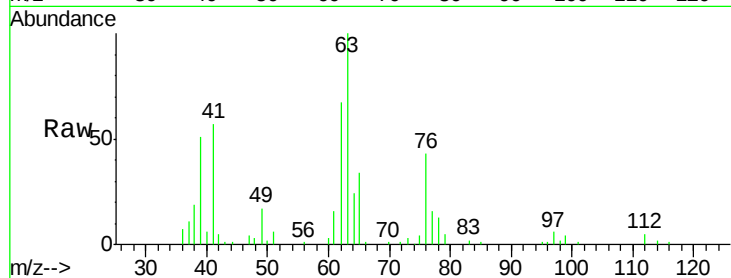




#45
 1,2-Dichloropropane
 Concen: 21.58 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

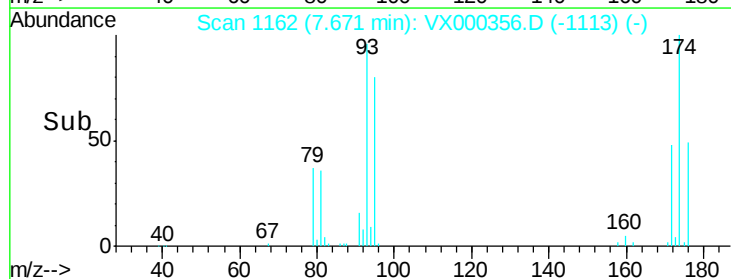
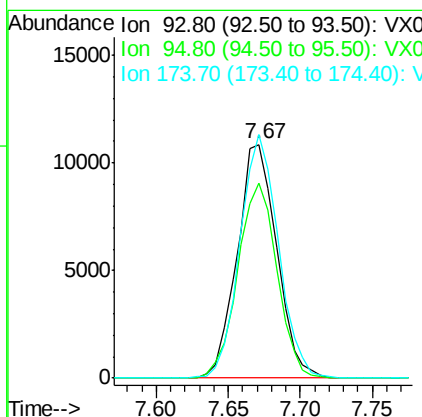
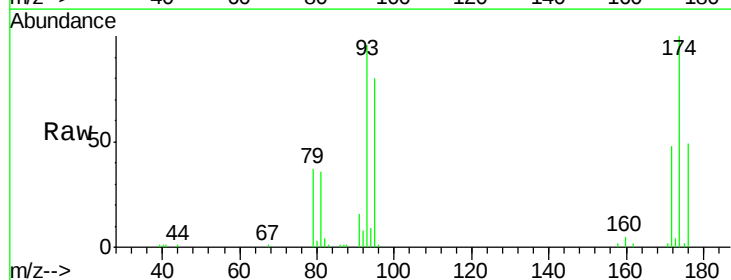
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

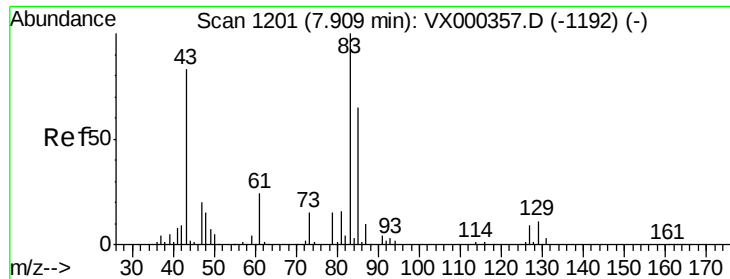
Tgt Ion: 63 Resp: 28132
 Ion Ratio Lower Upper
 63 100
 65 34.4 24.6 36.8



#46
 Dibromomethane
 Concen: 19.81 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 93 Resp: 20748
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.5 99.7
 174 101.1 76.0 114.0





#47

Bromodichloromethane

Concen: 20.43 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

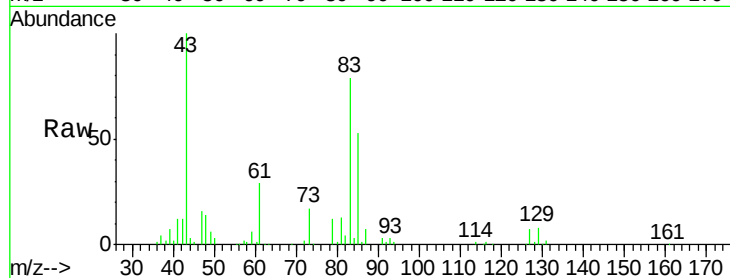
Tgt Ion: 83 Resp: 37979

Ion Ratio Lower Upper

83 100

85 66.7 51.4 77.0

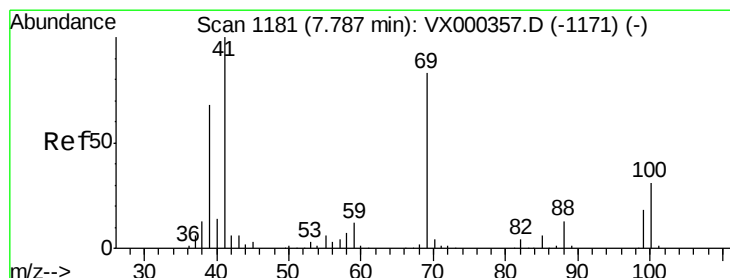
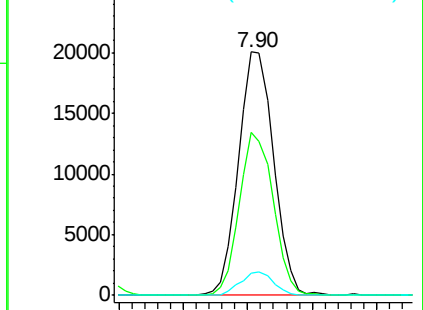
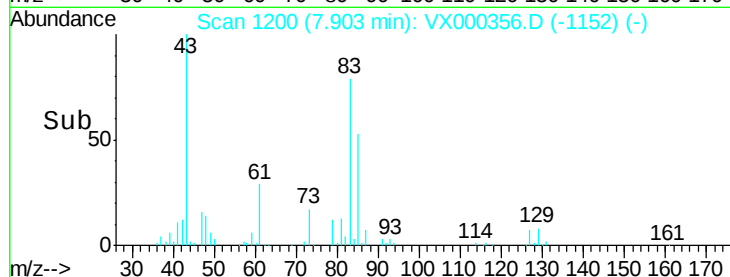
127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.54 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

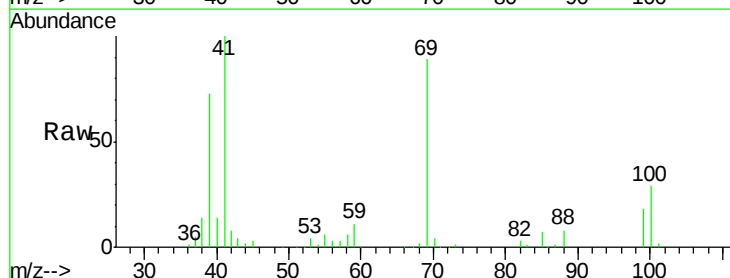
Tgt Ion: 41 Resp: 35315

Ion Ratio Lower Upper

41 100

69 87.0 68.2 102.4

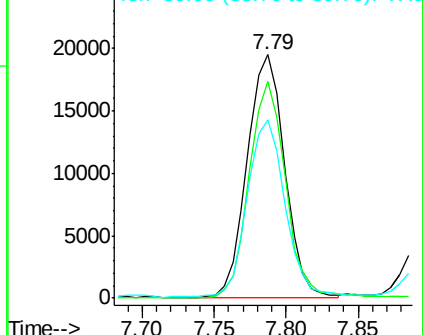
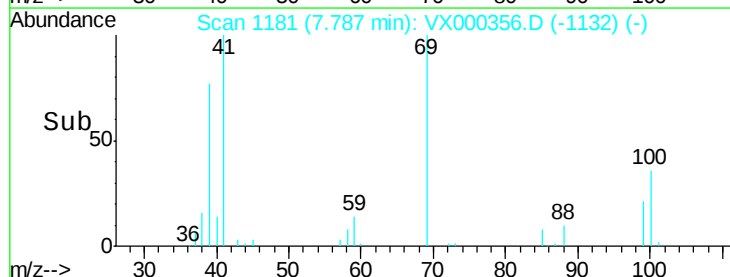
39 73.5 54.6 81.8

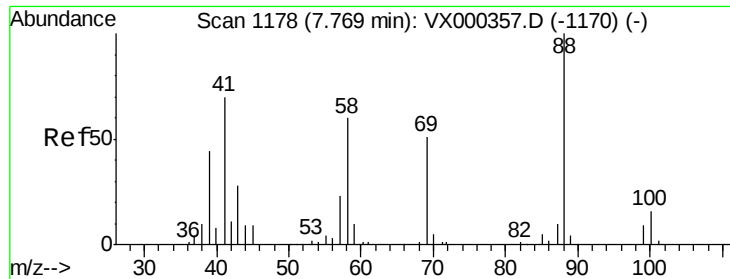


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

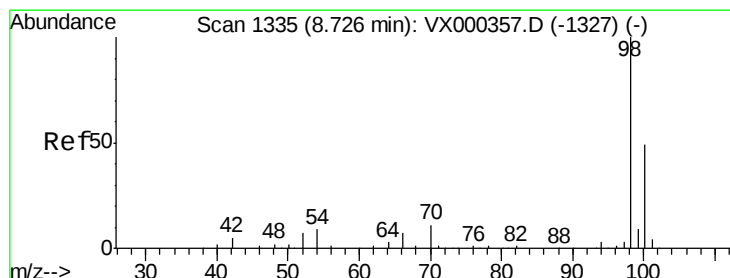
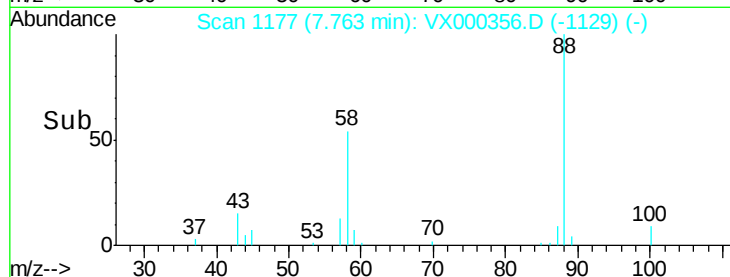
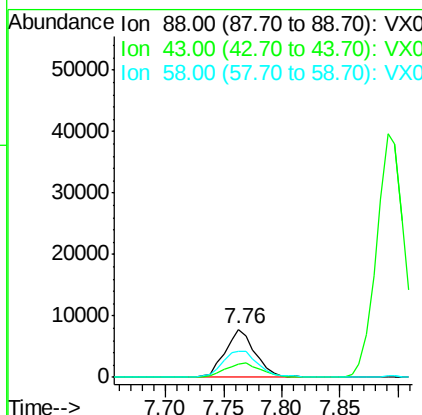
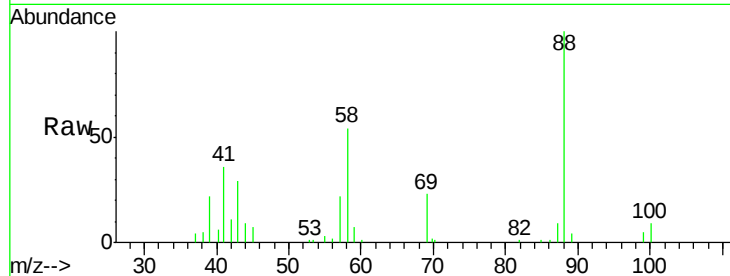




#49
1,4-Dioxane
Concen: 343.66 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

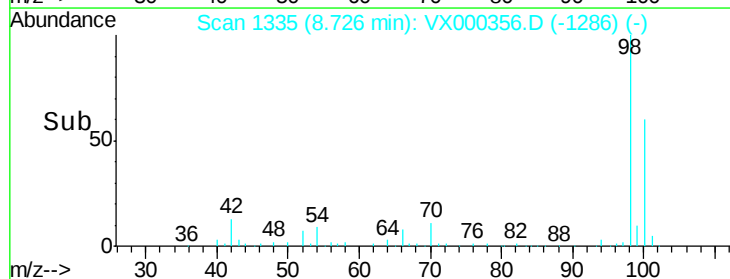
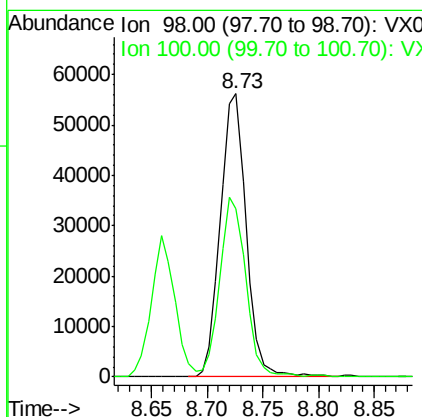
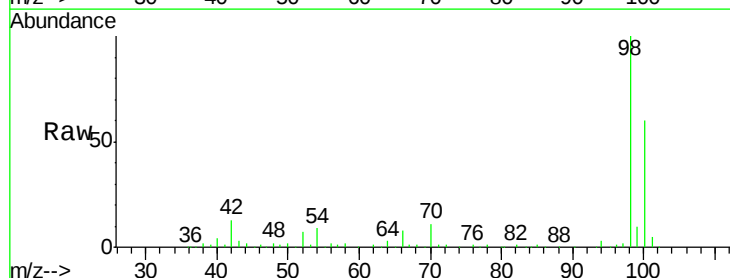
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 13971
Ion Ratio Lower Upper
88 100
43 35.4 26.8 40.2
58 64.4 52.2 78.2



#50
Toluene-d8
Concen: 16.84 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 98 Resp: 90900
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 103.74 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

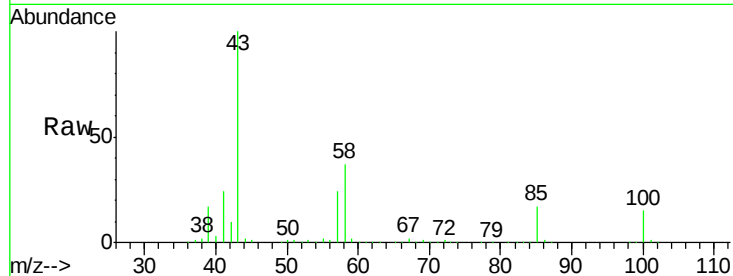
VSTDIC020

Tgt Ion: 43 Resp: 287911

Ion Ratio Lower Upper

43 100

58 37.3 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

150000

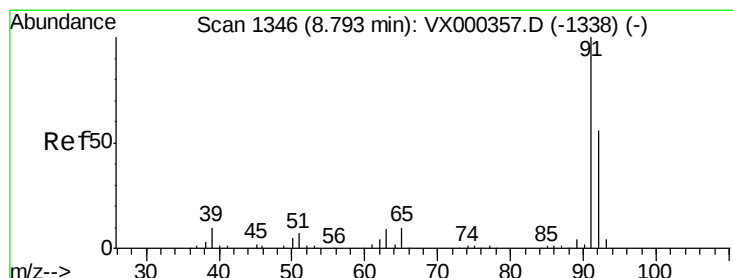
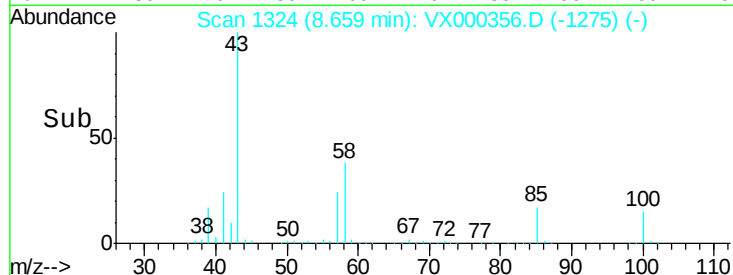
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 19.67 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000356.D

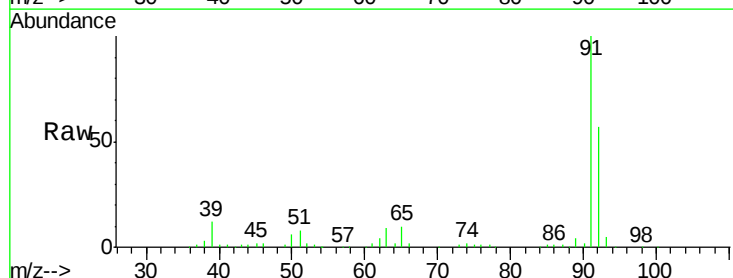
Acq: 20 Mar 2018 11:18

Tgt Ion: 92 Resp: 73036

Ion Ratio Lower Upper

92 100

91 177.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

60000

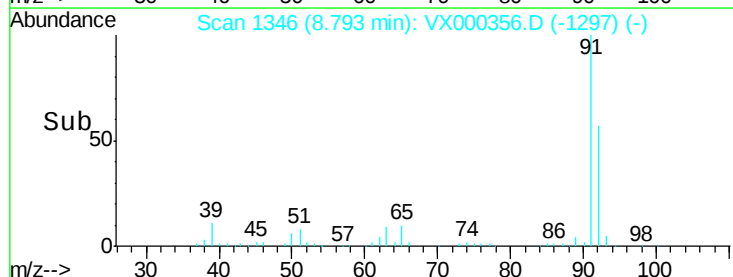
40000

20000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.31 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

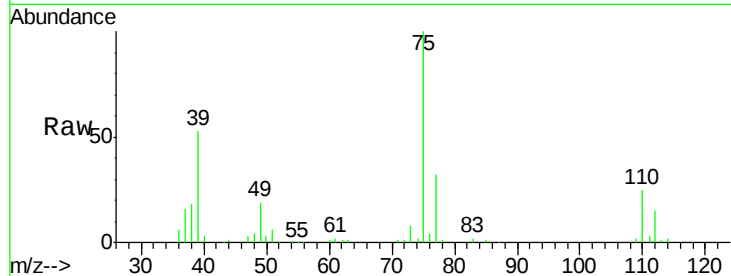
VSTDIC020

Tgt Ion: 75 Resp: 43563

Ion Ratio Lower Upper

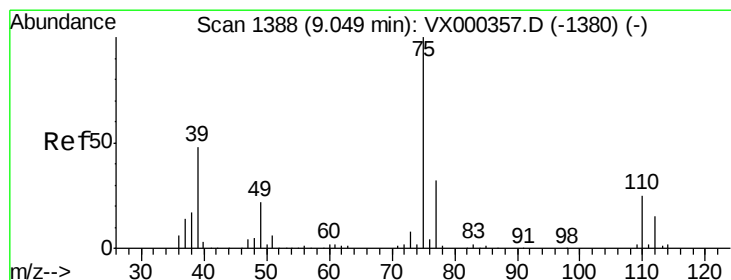
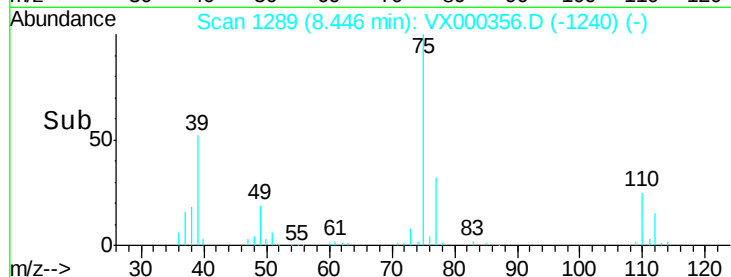
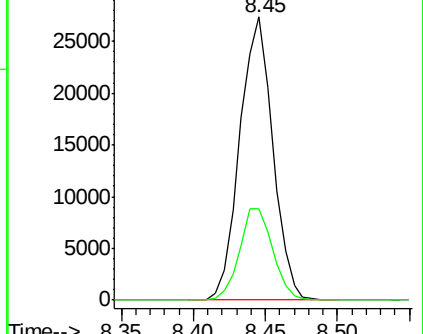
75 100

77 32.4 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.13 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

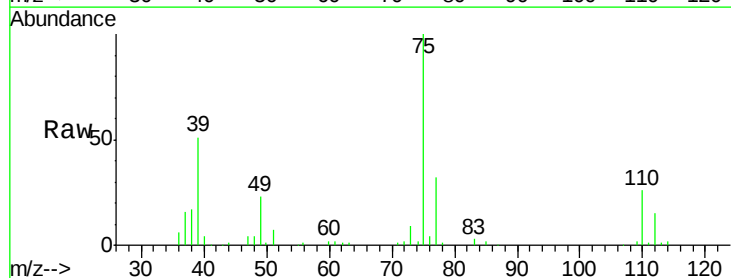
Tgt Ion: 75 Resp: 42231

Ion Ratio Lower Upper

75 100

77 32.2 26.1 39.1

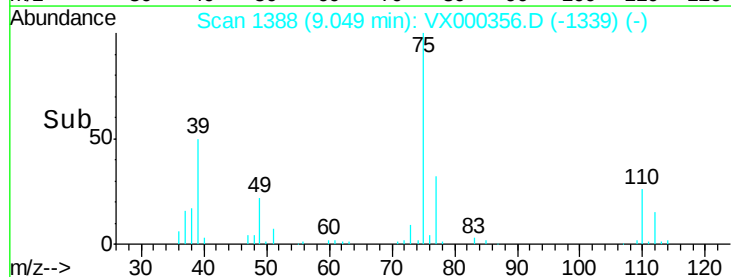
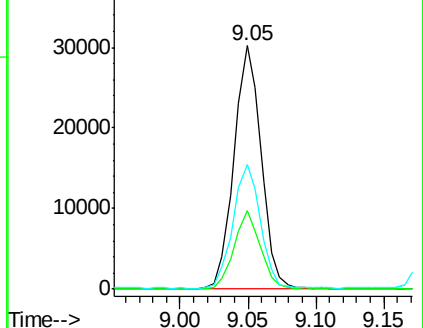
39 50.6 39.8 59.6

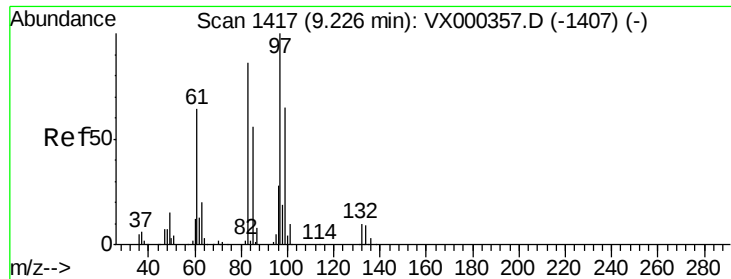


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

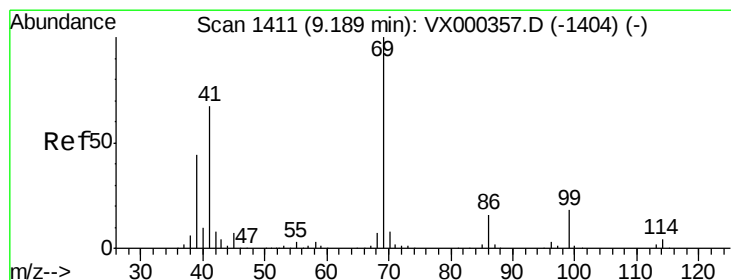
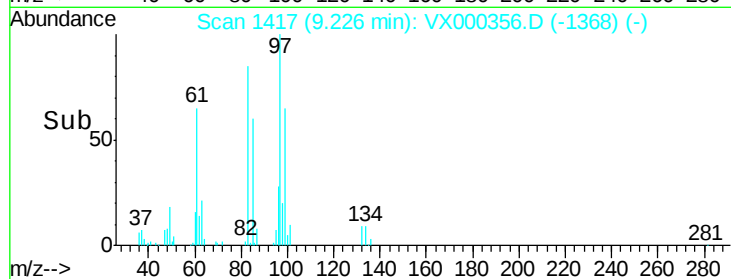
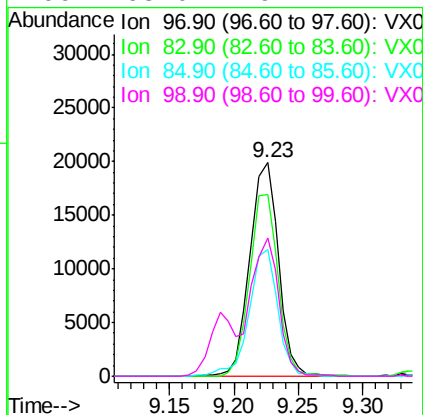
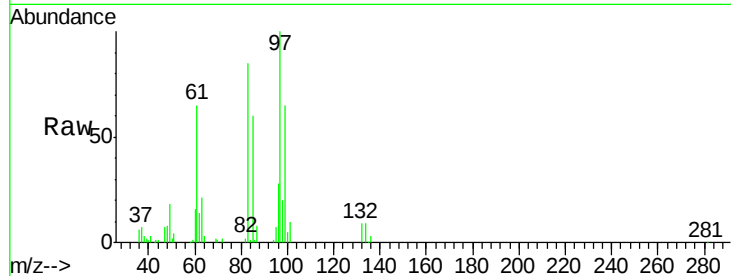




#55
 1,1,2-Trichloroethane
 Concen: 20.42 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

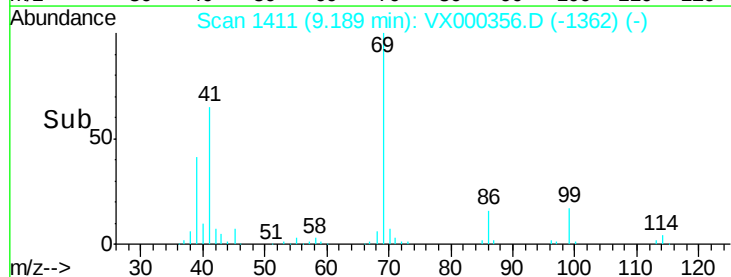
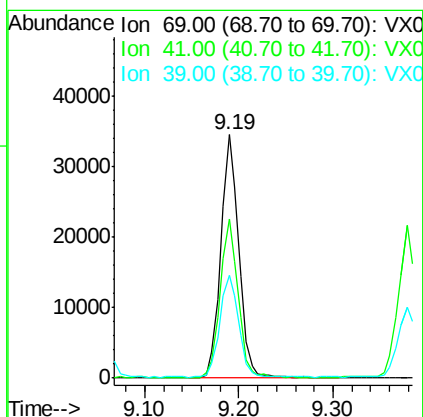
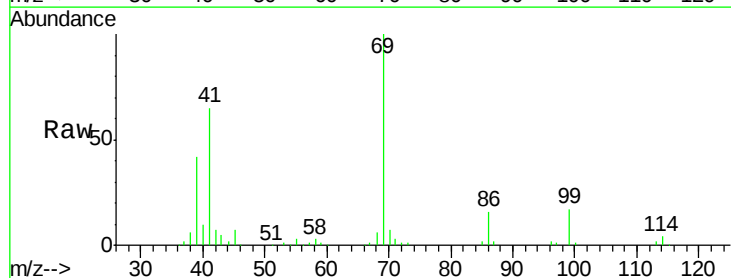
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

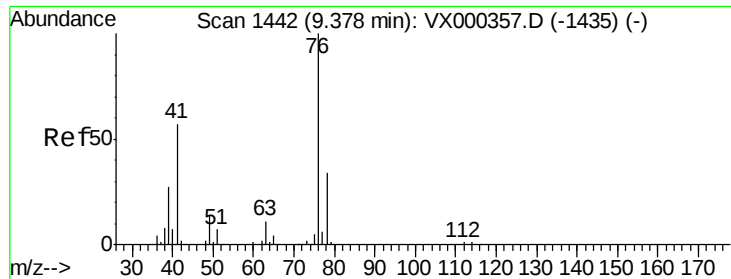
Tgt Ion: 97 Resp: 30422
 Ion Ratio Lower Upper
 97 100
 83 85.2 67.9 101.9
 85 59.6 42.8 64.2
 99 65.0 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 20.83 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 69 Resp: 45951
 Ion Ratio Lower Upper
 69 100
 41 65.6 53.0 79.6
 39 44.0 35.3 52.9

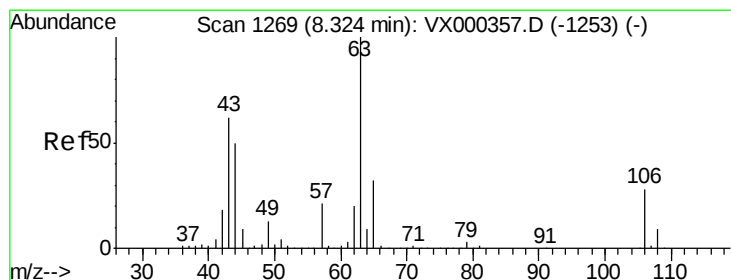
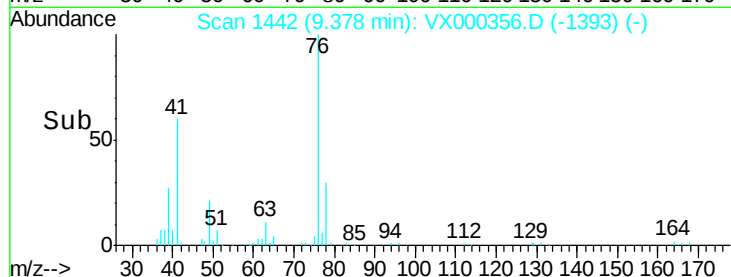
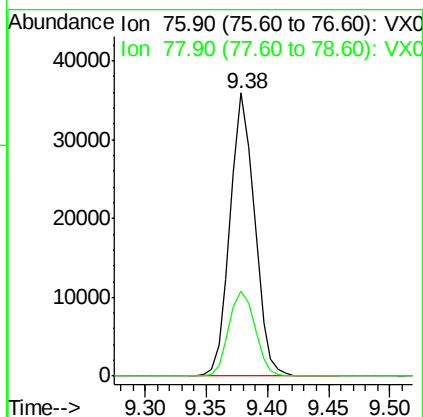
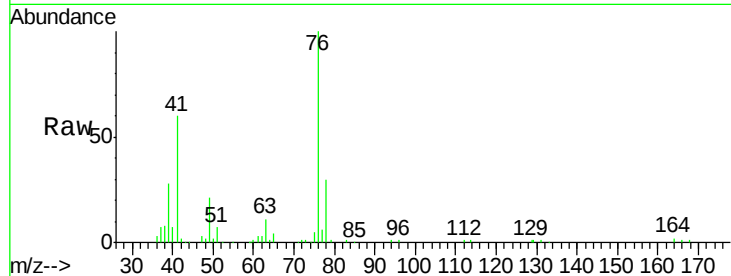




#57
 1,3-Dichloropropane
 Concen: 20.72 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

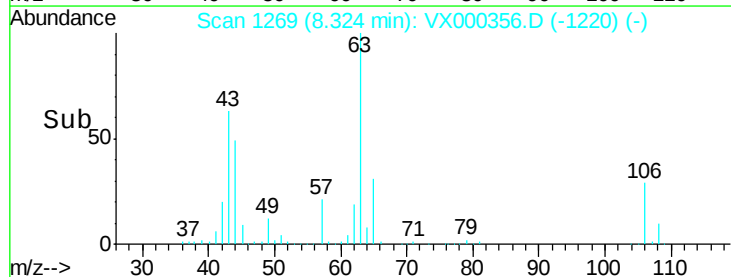
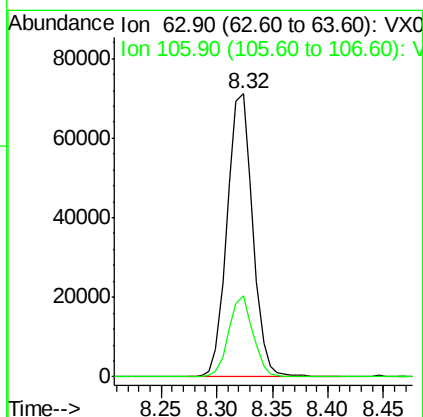
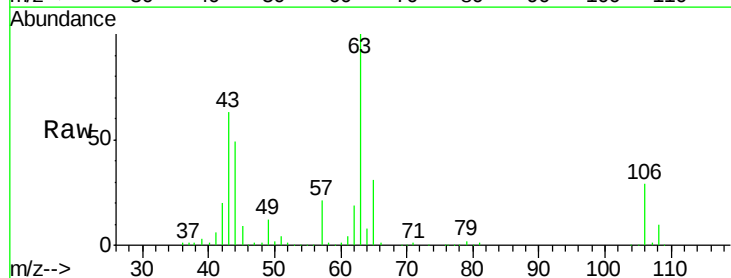
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

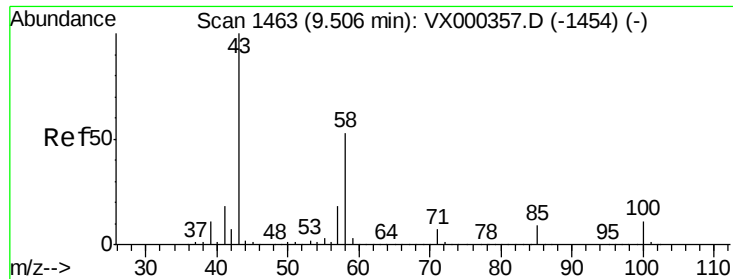
Tgt Ion: 76 Resp: 49998
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.73 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 63 Resp: 113339
 Ion Ratio Lower Upper
 63 100
 106 27.4 23.2 34.8

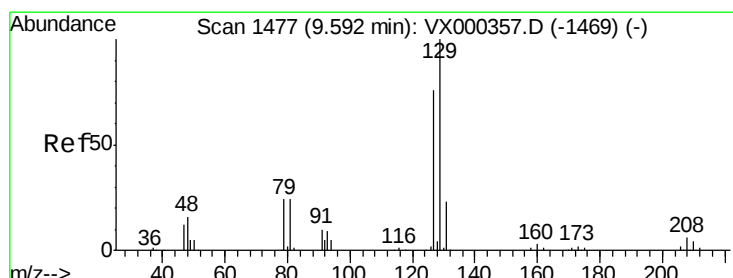
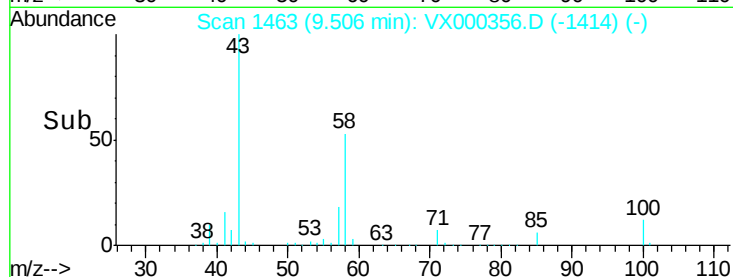
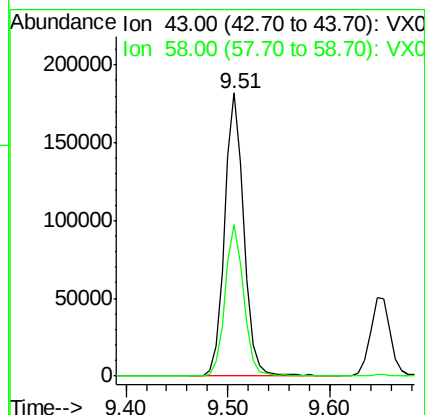
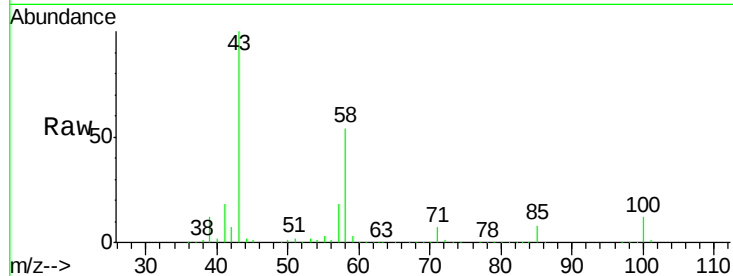




#59
2-Hexanone
Concen: 102.19 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

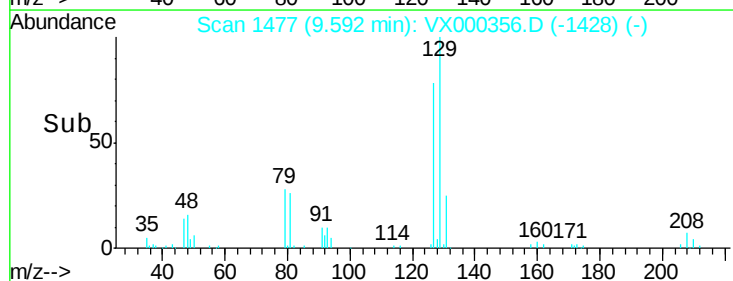
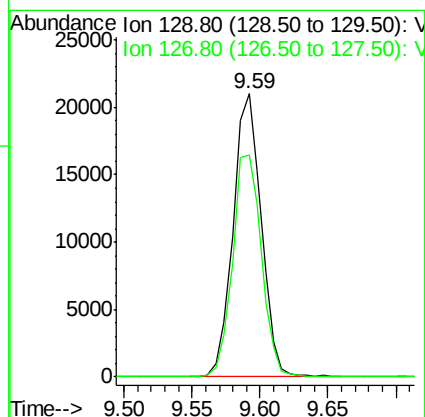
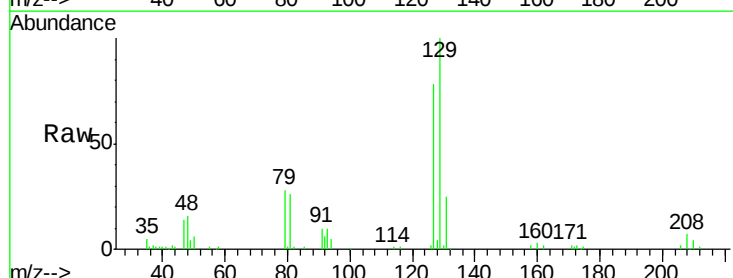
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

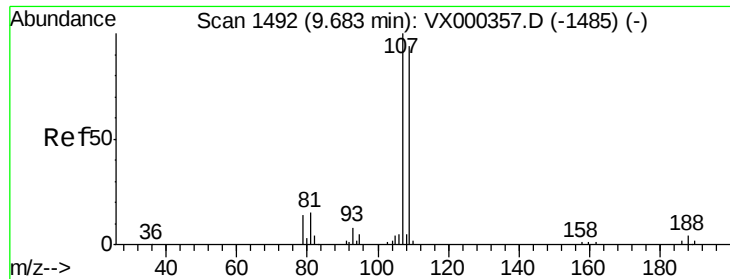
Tgt Ion: 43 Resp: 238948
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.7



#60
Dibromochloromethane
Concen: 19.14 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 129 Resp: 30153
Ion Ratio Lower Upper
129 100
127 80.6 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.04 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

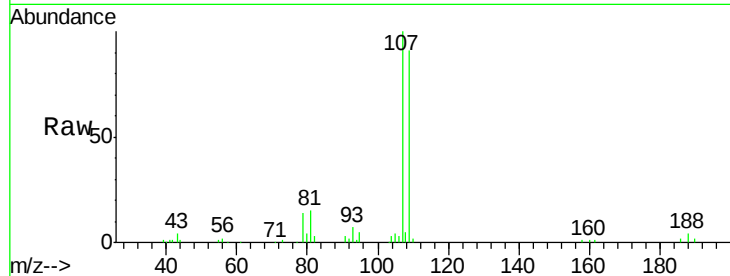
VSTDIC020

Tgt Ion: 107 Resp: 33094

Ion Ratio Lower Upper

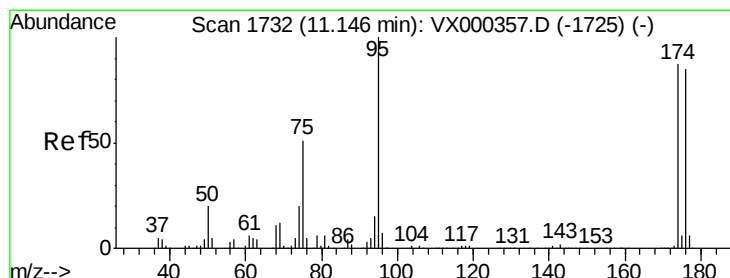
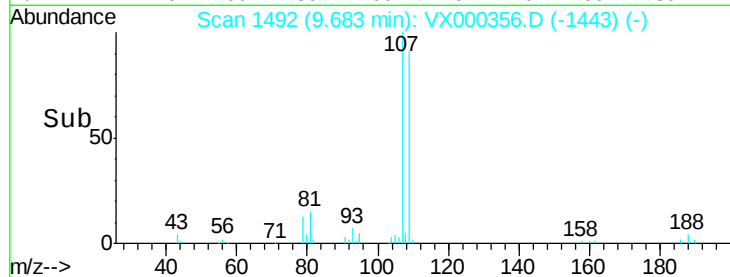
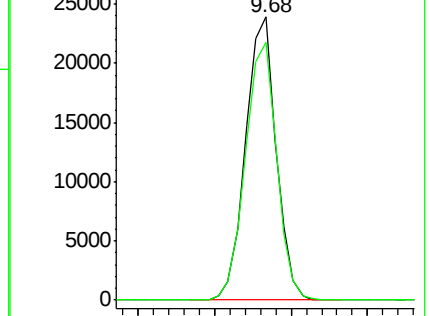
107 100

109 93.7 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 15.65 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

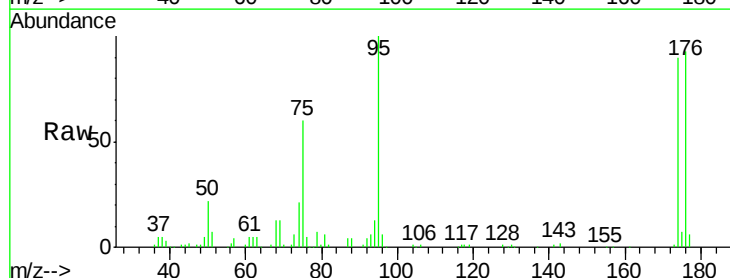
Tgt Ion: 95 Resp: 33862

Ion Ratio Lower Upper

95 100

174 87.0 0.0 173.6

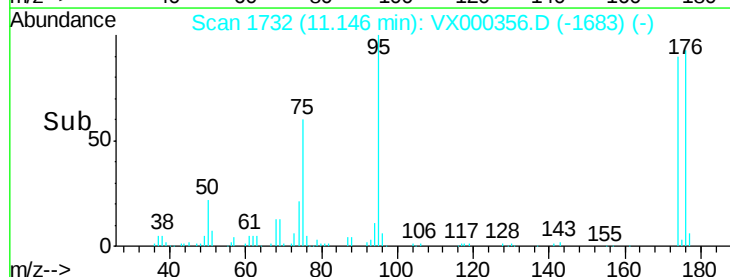
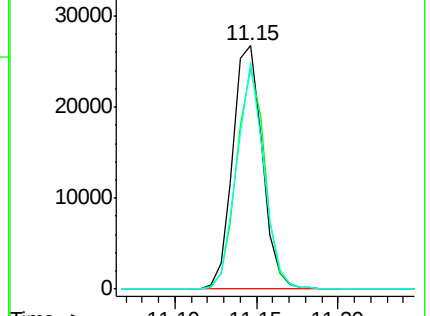
176 85.2 0.0 164.6

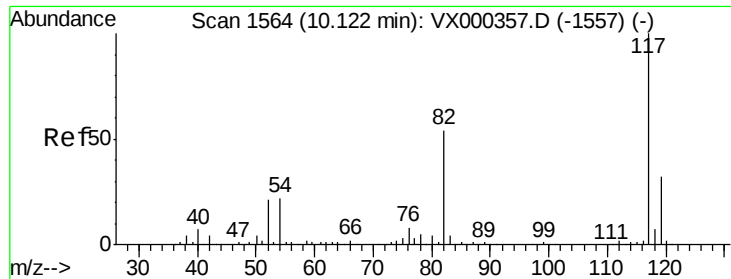


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

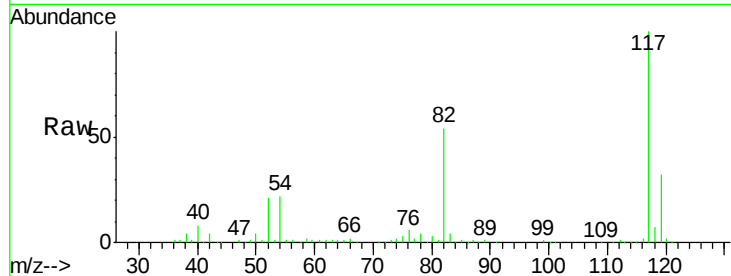




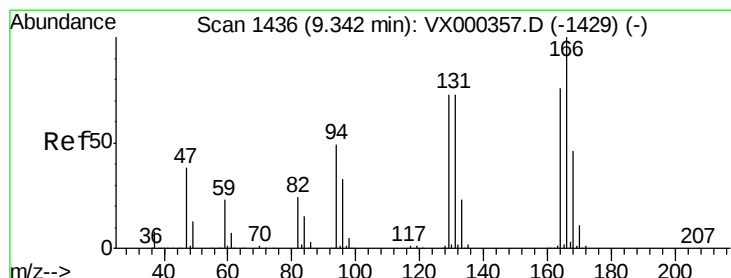
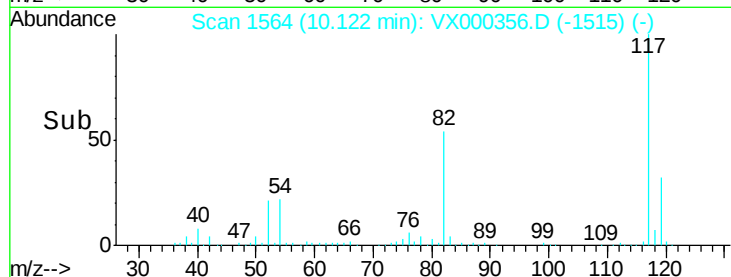
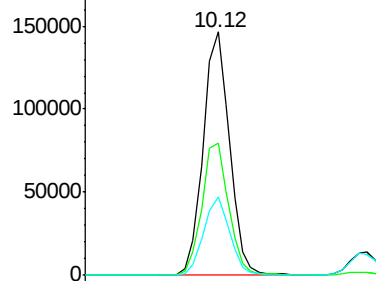
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 198125
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 32.3 24.9 37.3

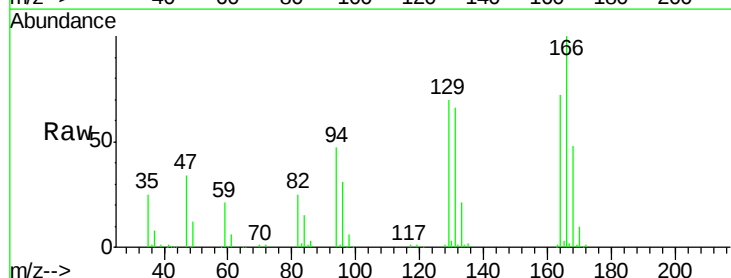


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

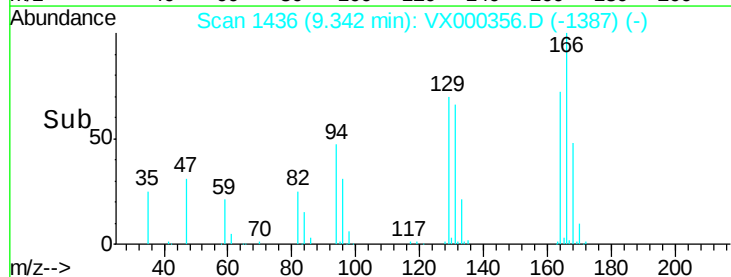
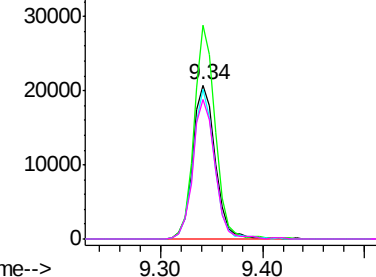


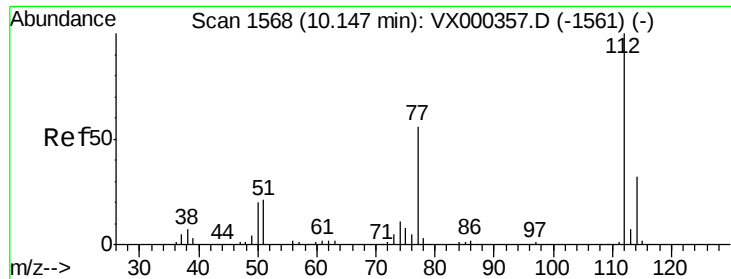
#64
Tetrachloroethene
Concen: 22.57 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion:164 Resp: 31937
Ion Ratio Lower Upper
164 100
166 138.8 101.0 151.6
129 97.6 79.0 118.4
131 90.9 71.9 107.9



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

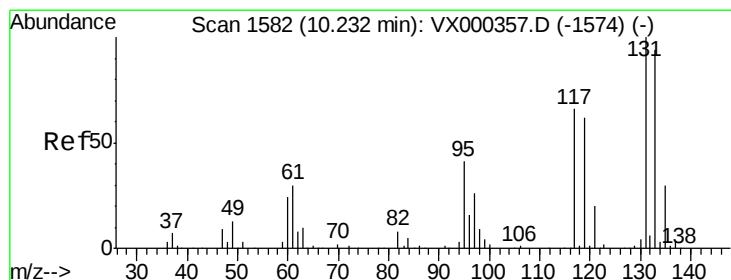
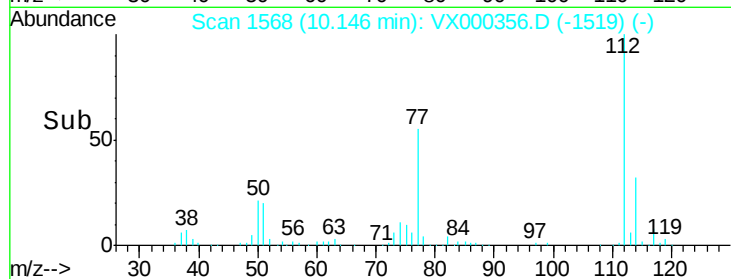
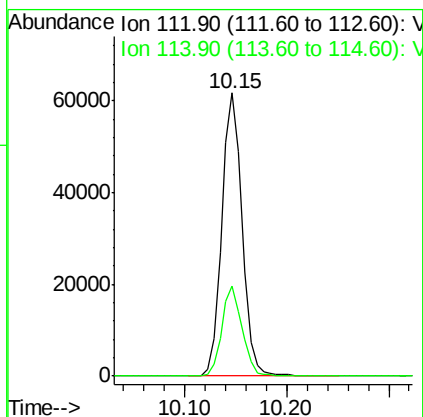
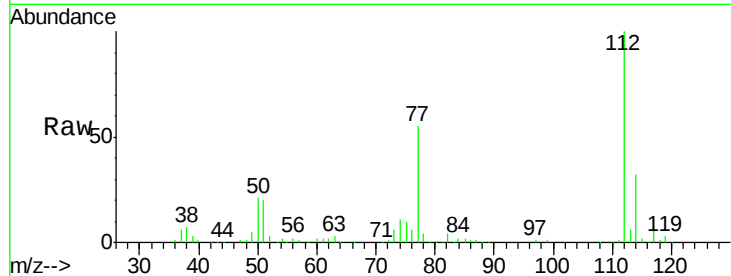




#65
Chlorobenzene
Concen: 21.25 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

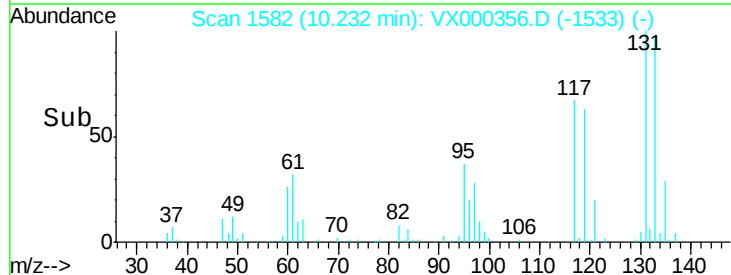
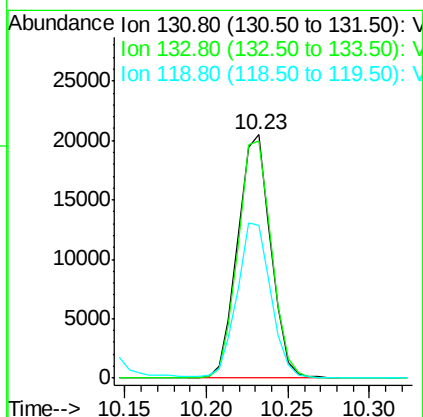
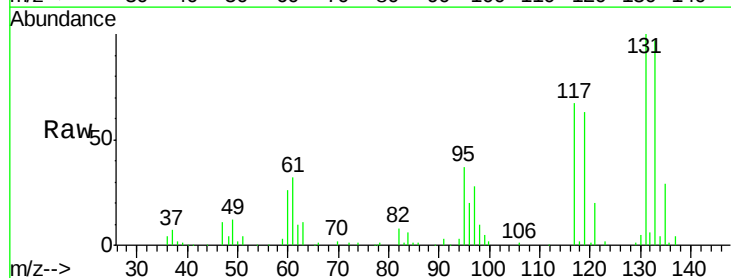
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

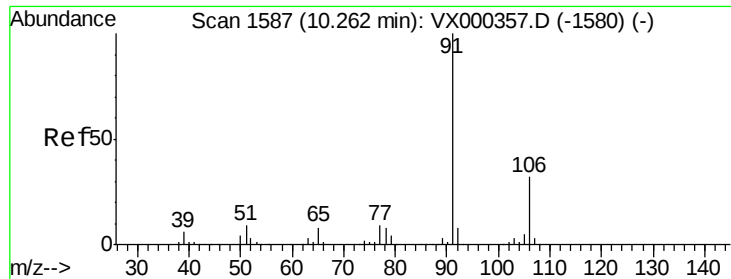
Tgt Ion:112 Resp: 85738
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.38 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion:131 Resp: 29008
Ion Ratio Lower Upper
131 100
133 99.0 47.1 141.3
119 65.2 33.1 99.2

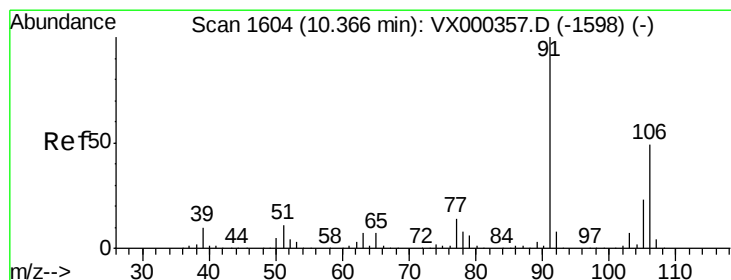
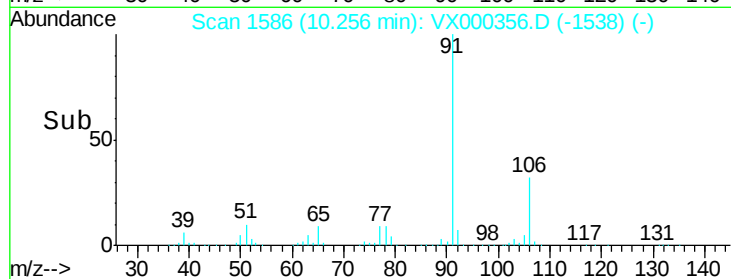
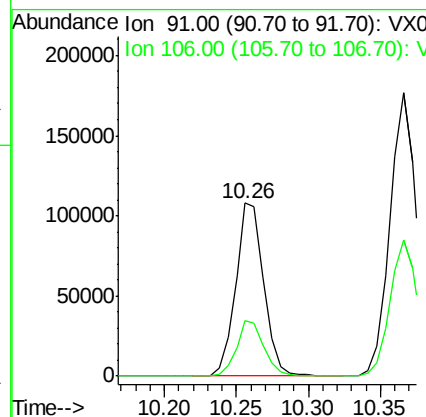
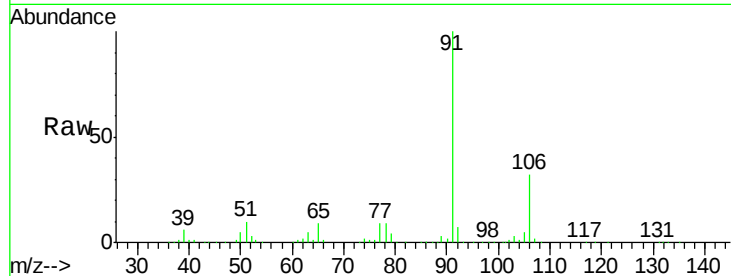




#67
Ethyl Benzene
Concen: 21.45 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

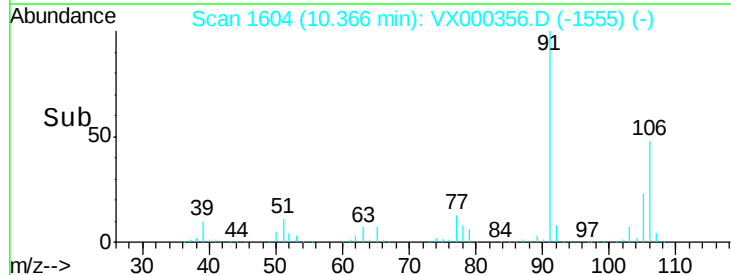
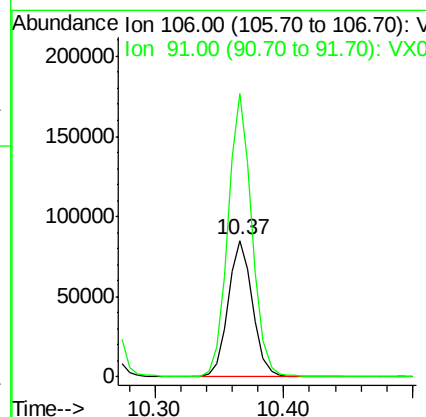
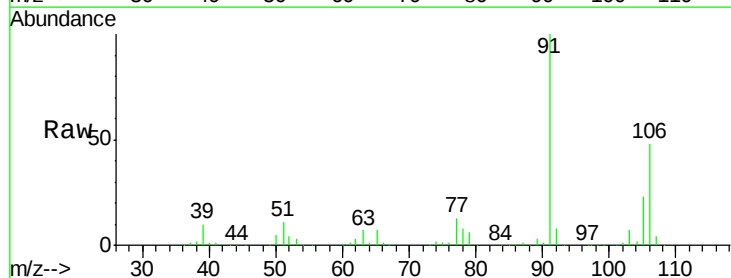
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

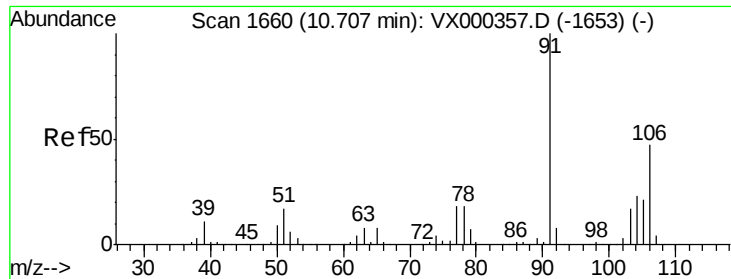
Tgt Ion: 91 Resp: 147553
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6



#68
m/p-Xylenes
Concen: 42.25 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 106 Resp: 113227
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2

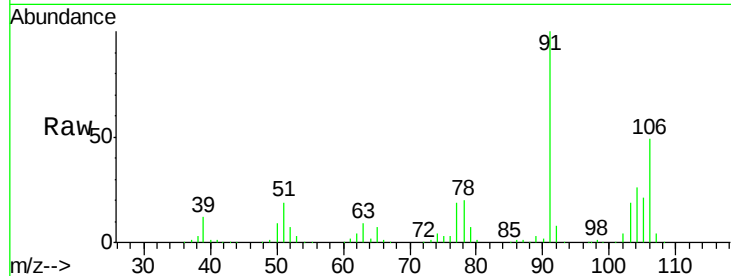




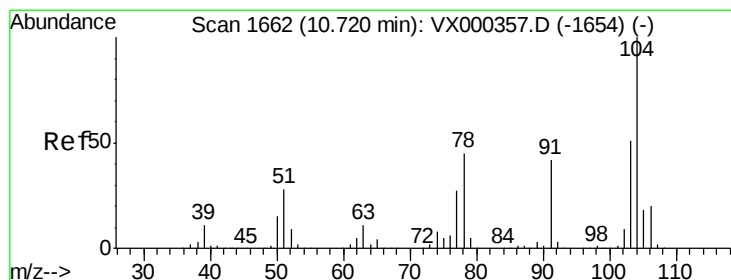
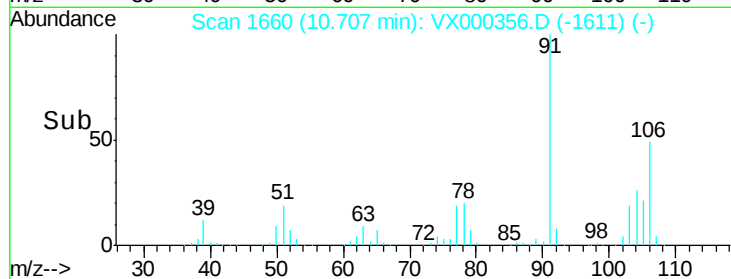
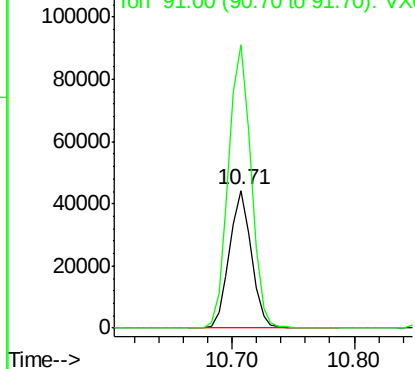
#69
o-Xylene
Concen: 21.03 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:106 Resp: 54741
Ion Ratio Lower Upper
106 100
91 212.4 106.5 319.6

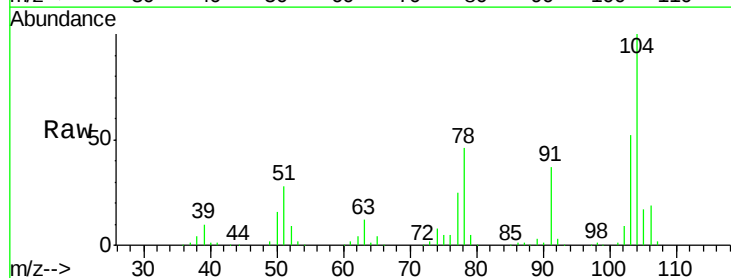


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

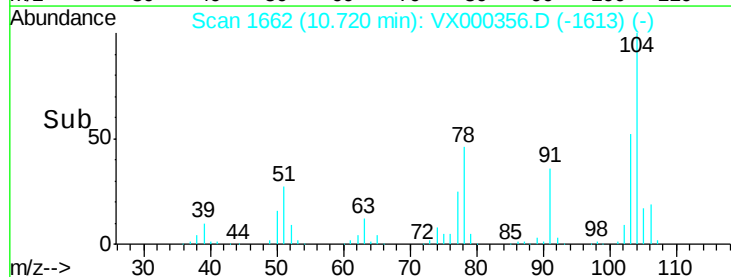
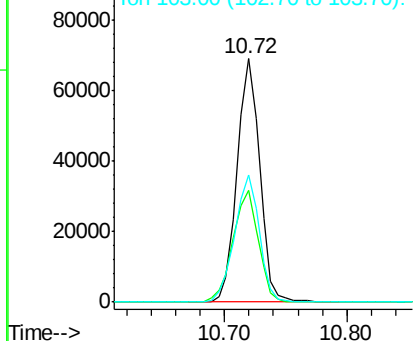


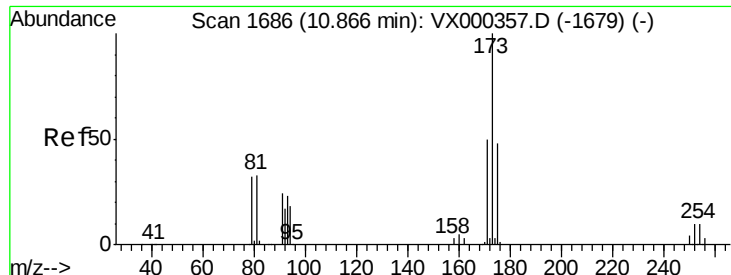
#70
Styrene
Concen: 20.43 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion:104 Resp: 88269
Ion Ratio Lower Upper
104 100
78 51.6 40.5 60.7
103 56.9 45.7 68.5



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





#71

Bromoform

Concen: 20.35 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

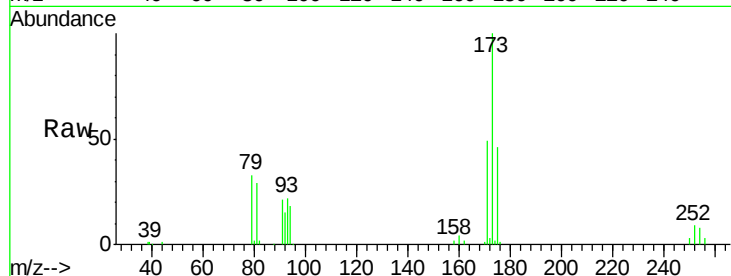
Tgt Ion:173 Resp: 24154

Ion Ratio Lower Upper

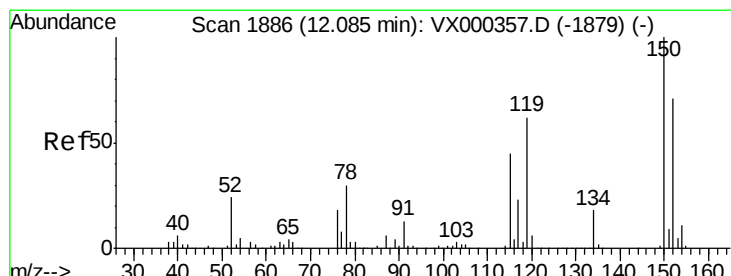
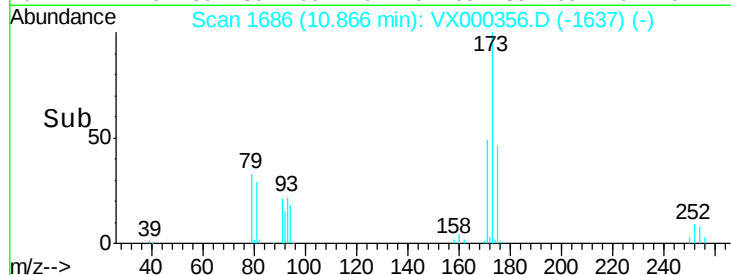
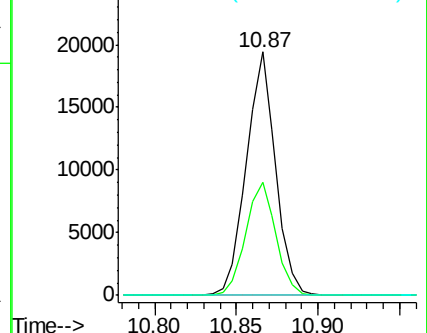
173 100

175 47.8 25.4 76.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

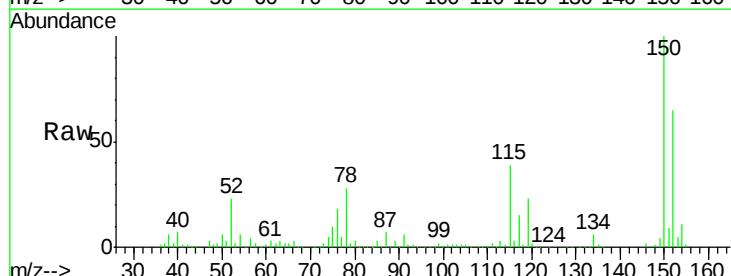
Tgt Ion:152 Resp: 108877

Ion Ratio Lower Upper

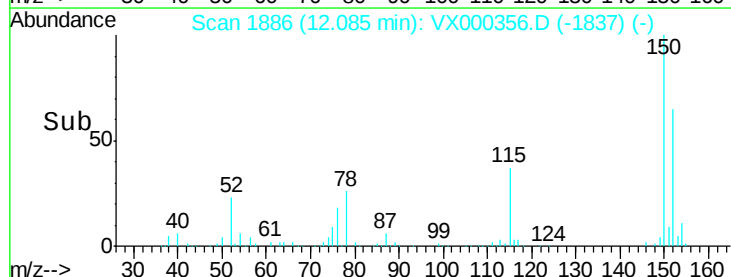
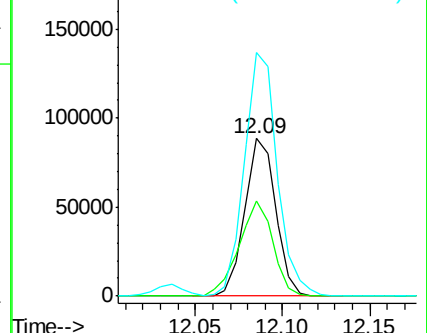
152 100

115 66.1 39.8 119.3

150 164.4 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

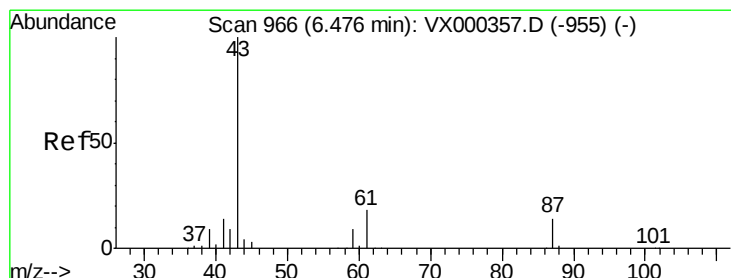
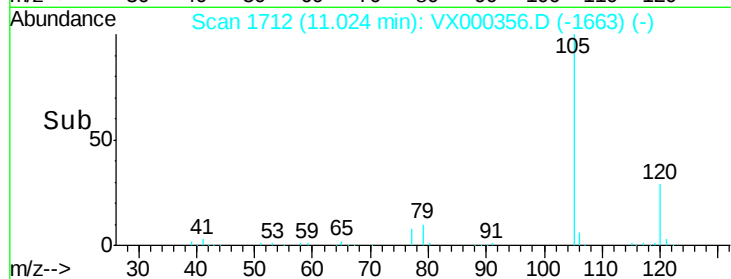
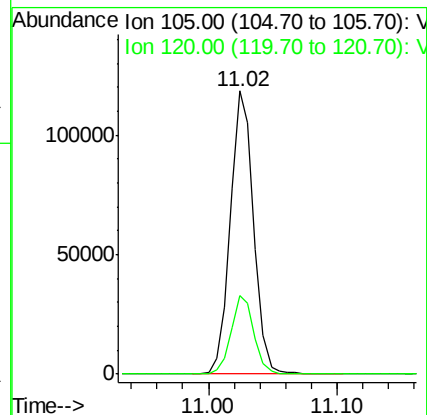
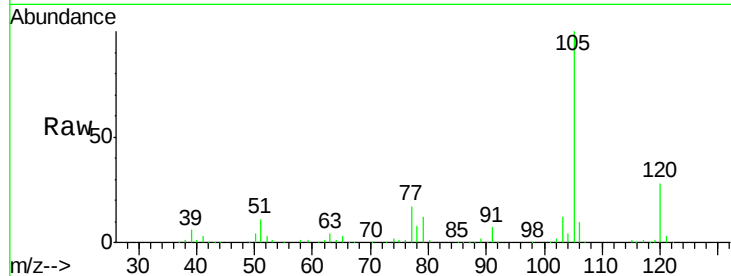
VSTDIC020

Tgt Ion:105 Resp: 150649

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#74

N-ethyl acetate

Concen: 23.62 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion: 43 Resp: 74133

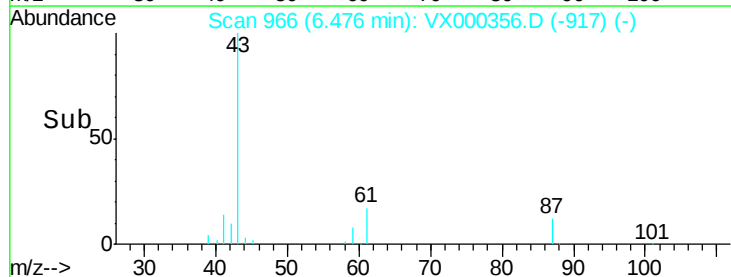
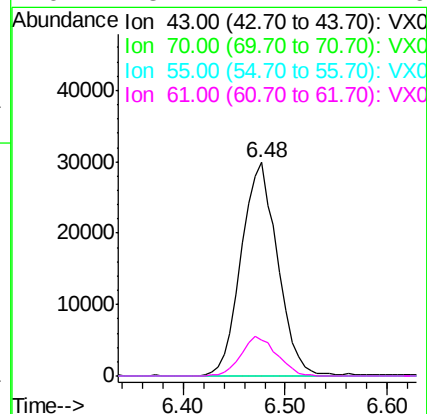
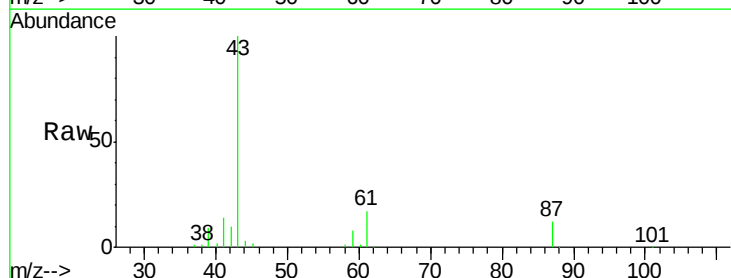
Ion Ratio Lower Upper

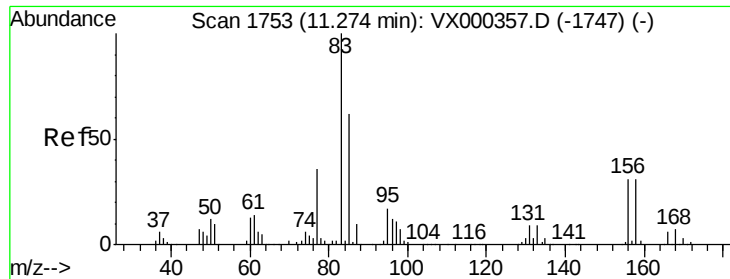
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.1 14.4 21.6

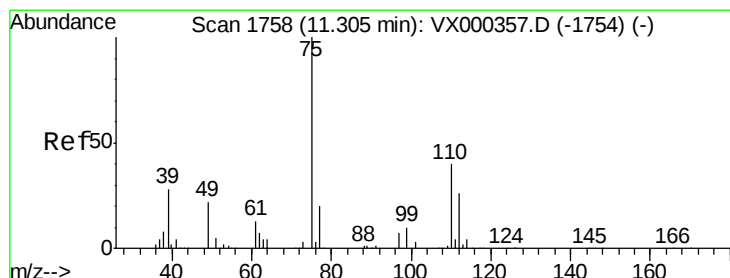
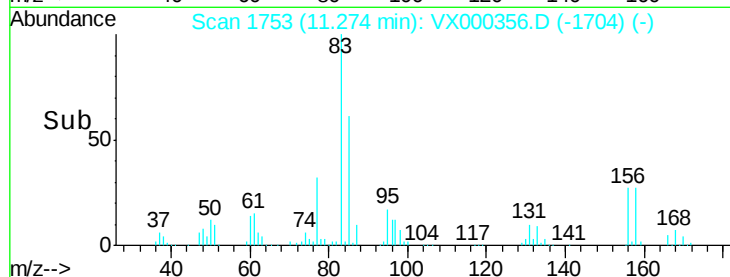
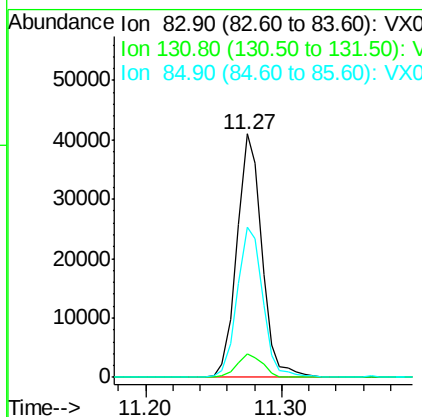
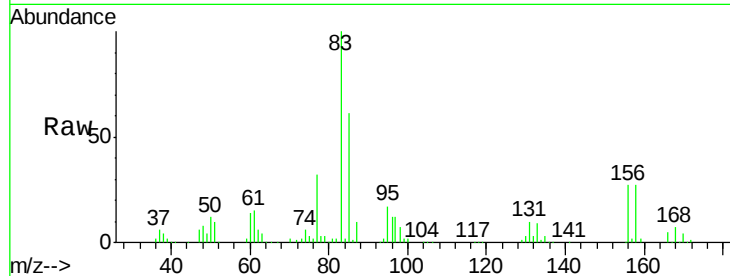




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.44 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

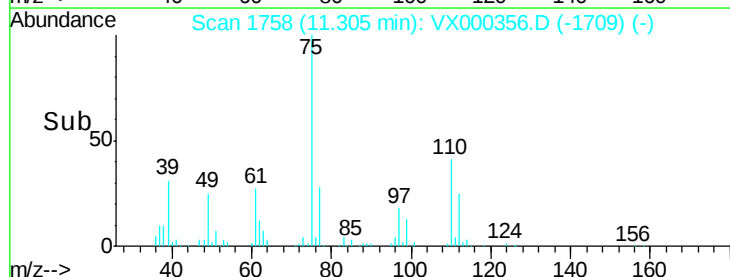
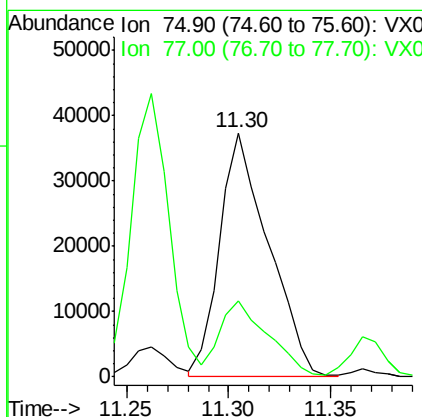
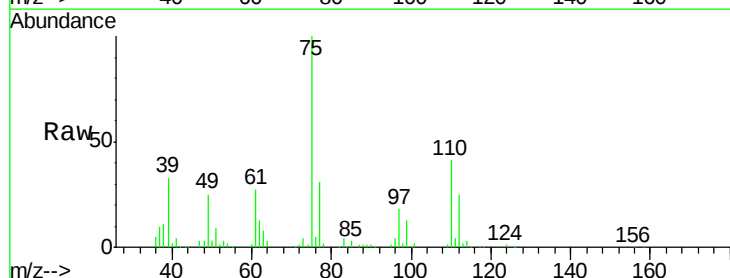
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

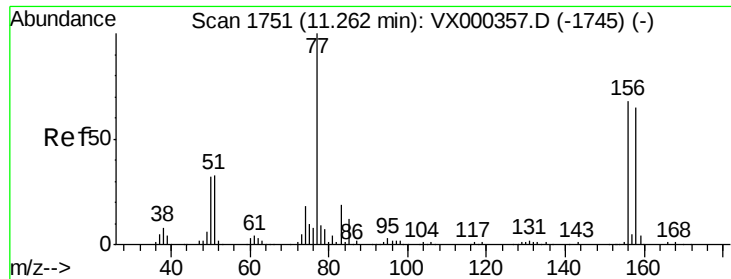
Tgt Ion: 83 Resp: 52392
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 63.3 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 28.44 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 75 Resp: 62343
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.4 64.2





#77

Bromobenzene

Concen: 21.49 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

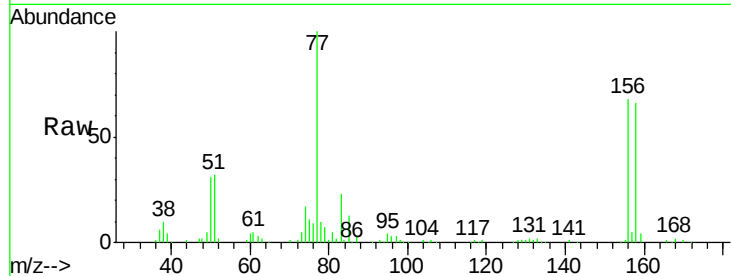
Tgt Ion:156 Resp: 36989

Ion Ratio Lower Upper

156 100

77 152.1 73.4 220.2

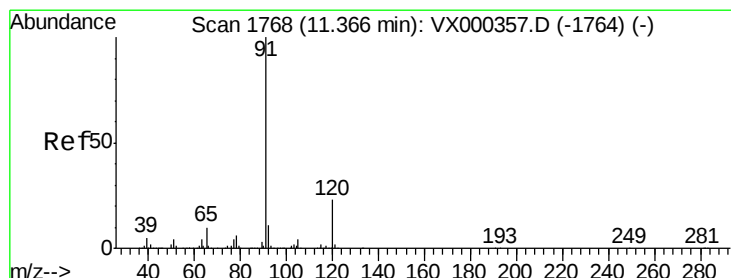
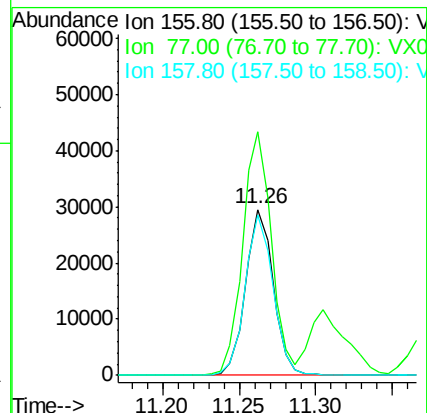
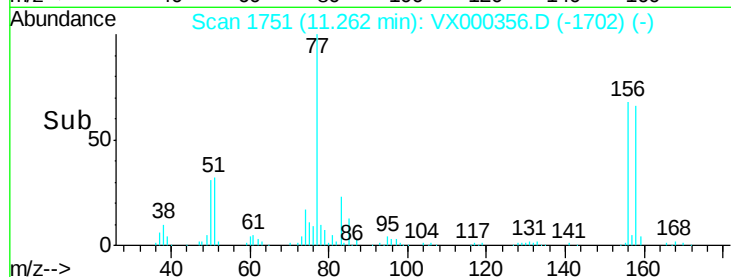
158 97.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.18 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000356.D

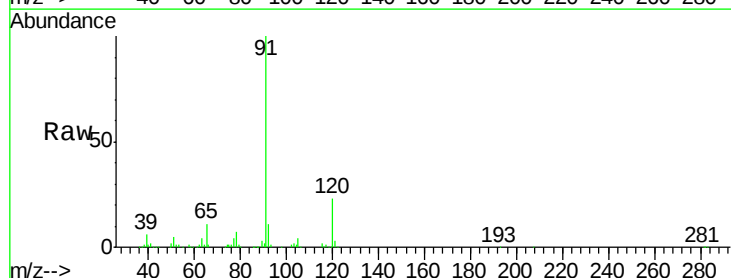
Acq: 20 Mar 2018 11:18

Tgt Ion: 91 Resp: 175367

Ion Ratio Lower Upper

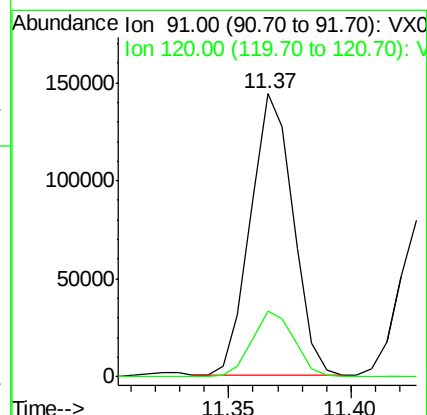
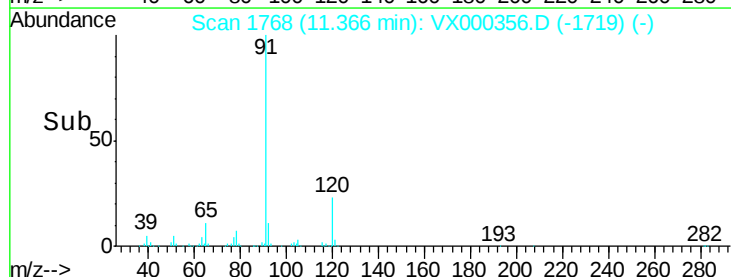
91 100

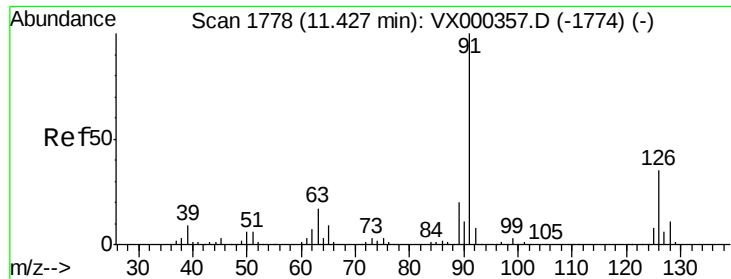
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

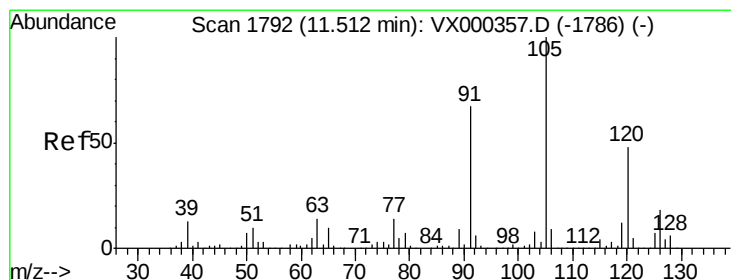
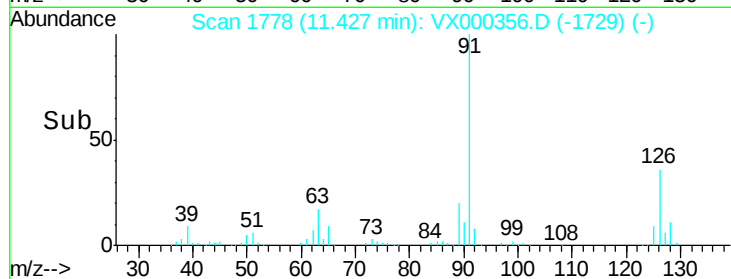
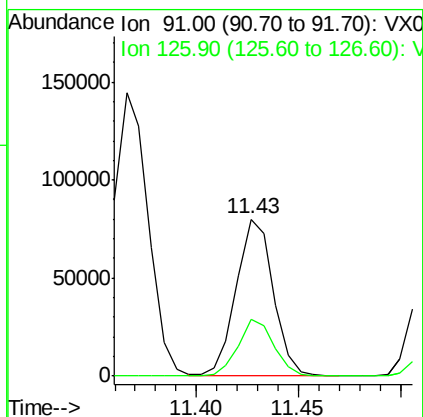
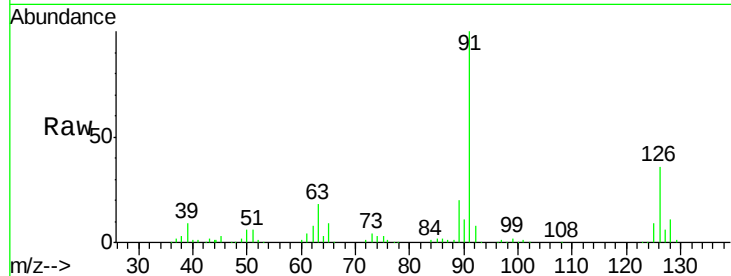




#79
 2-Chlorotoluene
 Concen: 22.38 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

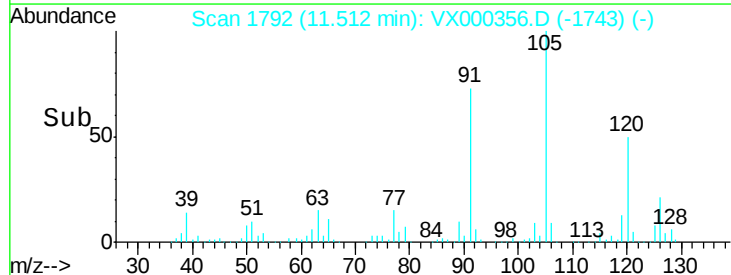
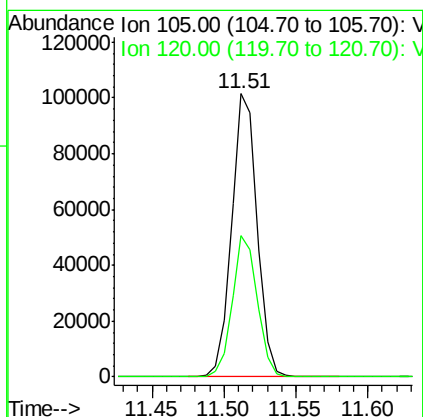
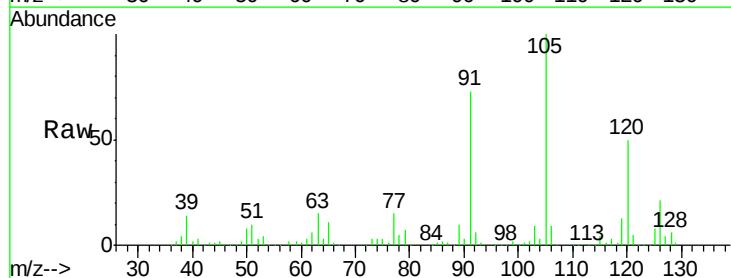
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 91 Resp: 100431
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 22.55 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 105 Resp: 125993
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.59 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

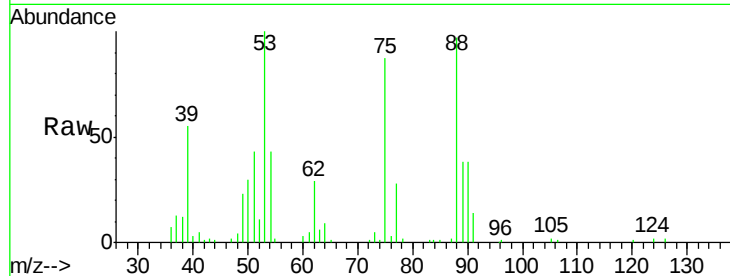
Tgt Ion: 75 Resp: 13888

Ion Ratio Lower Upper

75 100

53 112.5 80.7 121.1

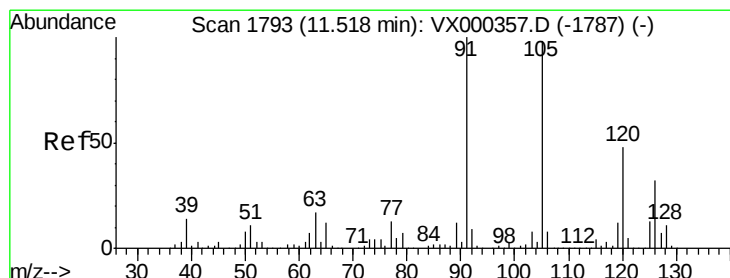
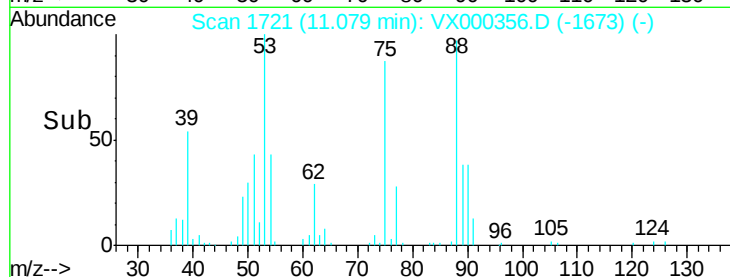
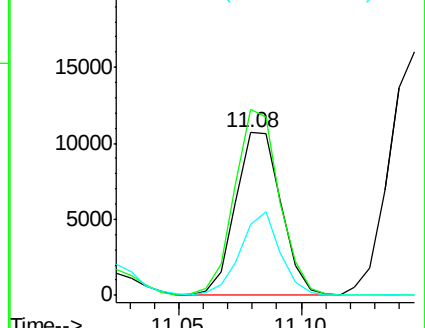
89 44.7 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 22.03 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000356.D

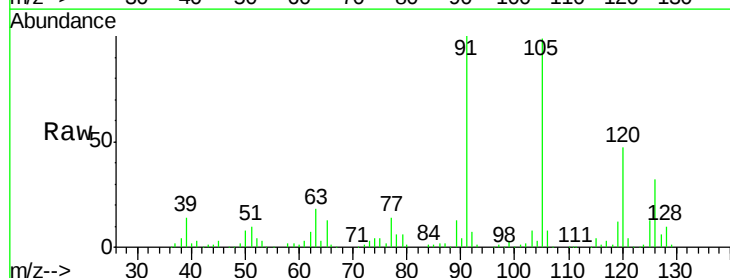
Acq: 20 Mar 2018 11:18

Tgt Ion: 91 Resp: 121517

Ion Ratio Lower Upper

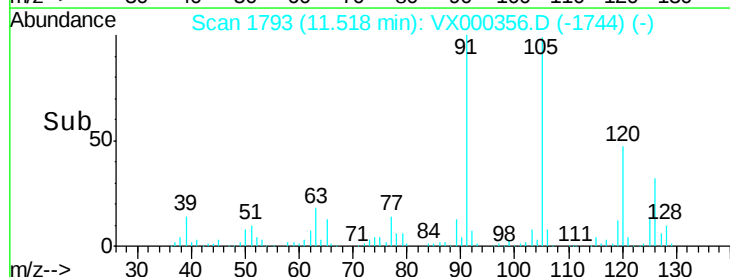
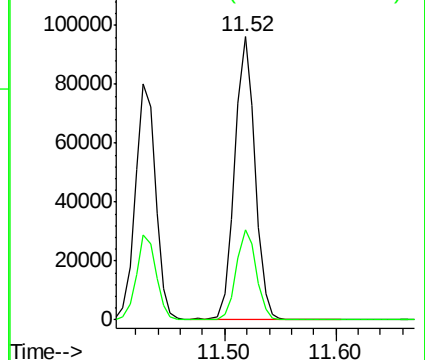
91 100

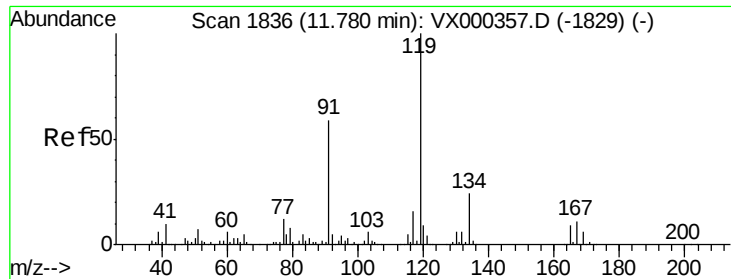
126 31.4 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

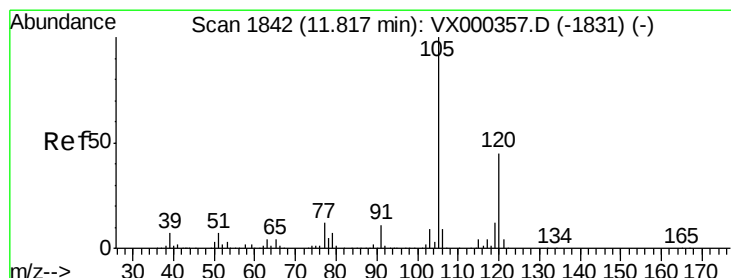
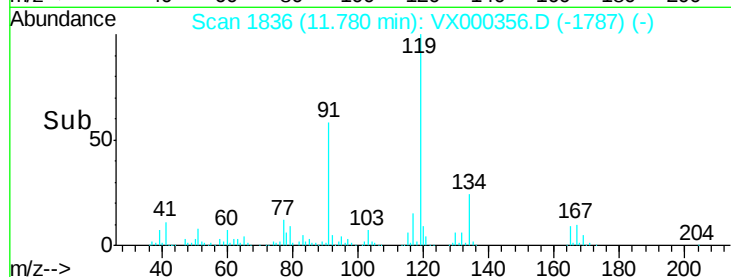
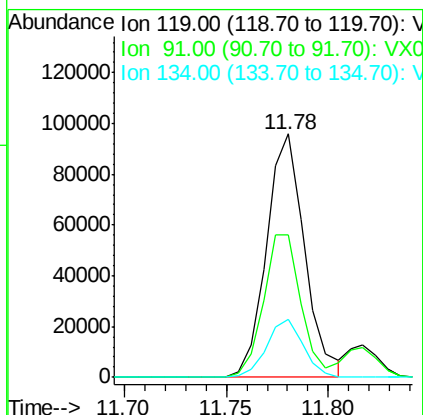
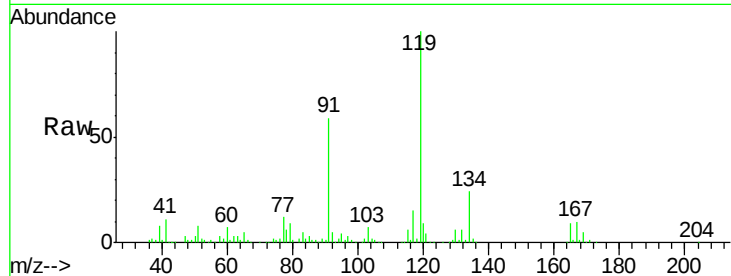




#83
 tert-Butylbenzene
 Concen: 22.91 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

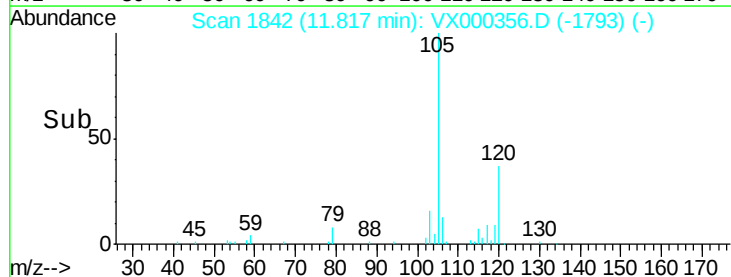
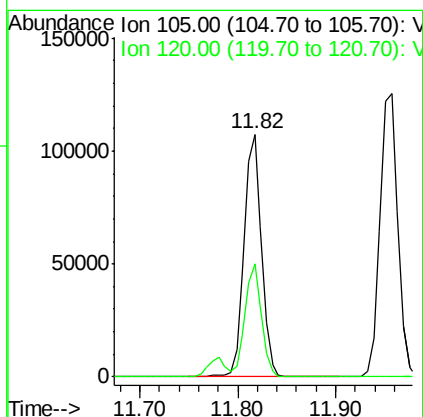
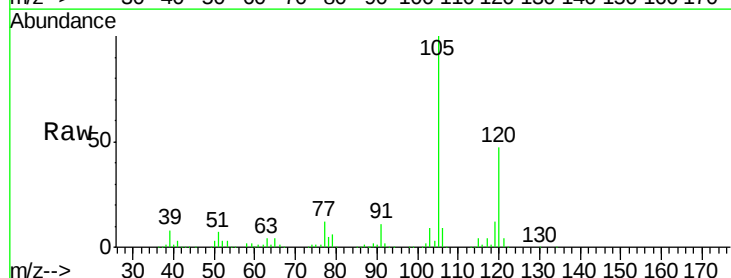
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

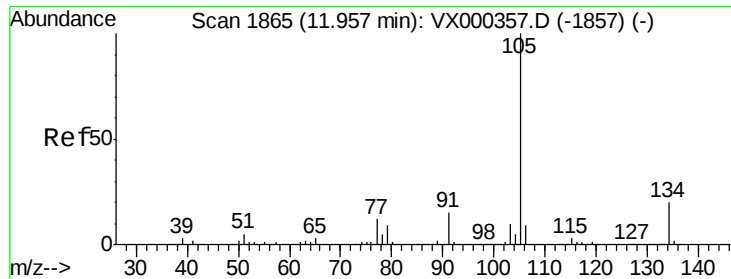
Tgt Ion:119 Resp: 124867
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.8 86.4
 134 22.8 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.07 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion:105 Resp: 132486
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3

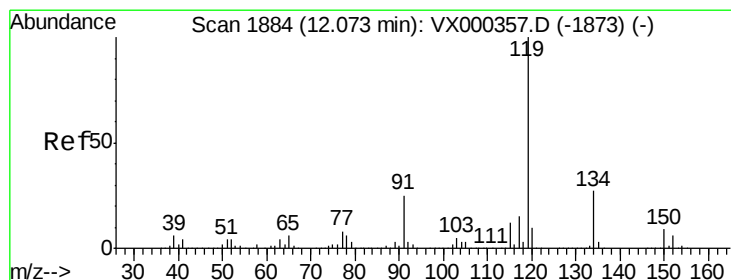
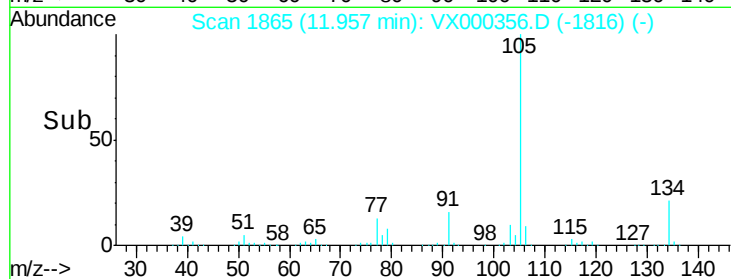
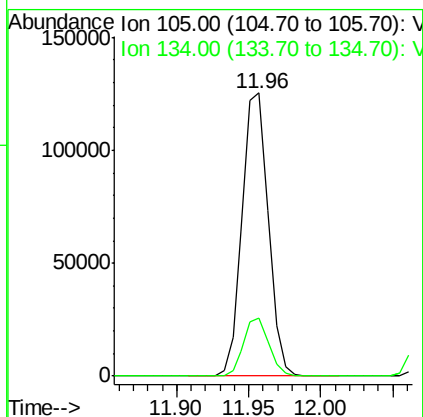
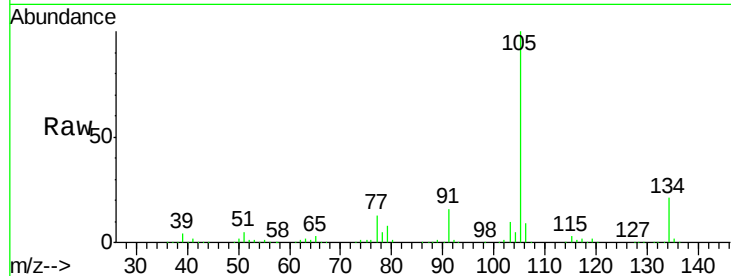




#85
 sec-Butylbenzene
 Concen: 23.21 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

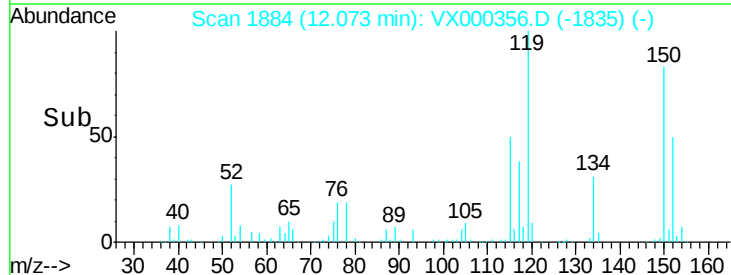
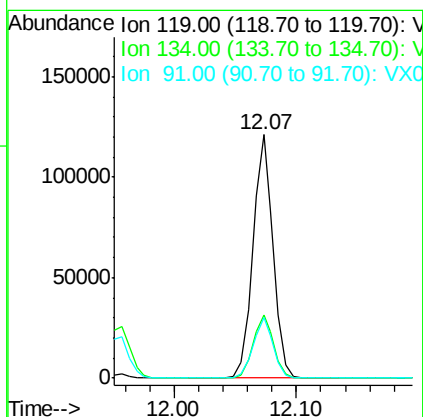
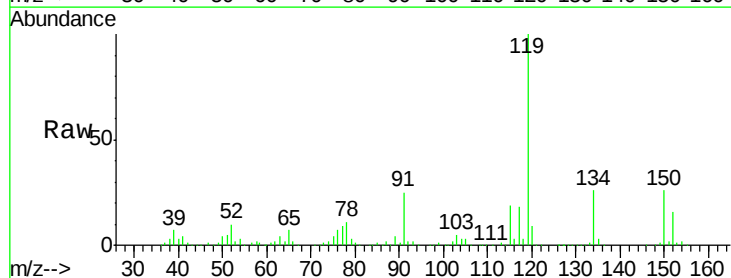
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 158355
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 22.86 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion:119 Resp: 138816
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 24.7 12.0 36.1

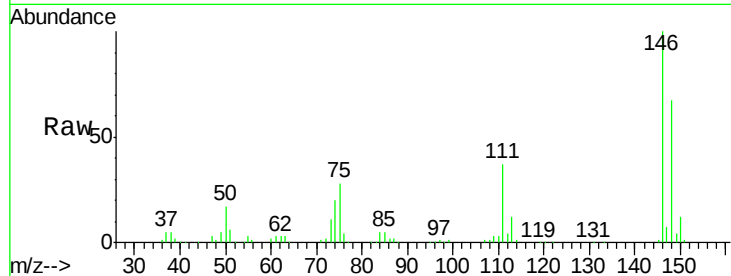




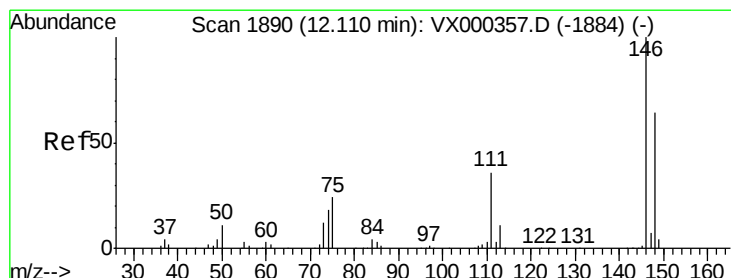
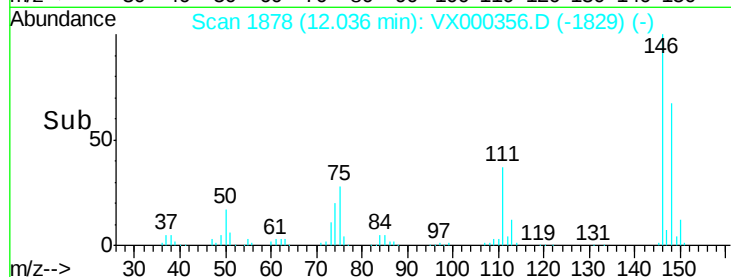
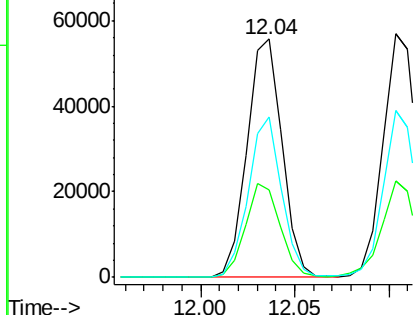
#87
 1,3-Dichlorobenzene
 Concen: 21.26 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 71822
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.5 58.5
 148 64.2 32.4 97.0

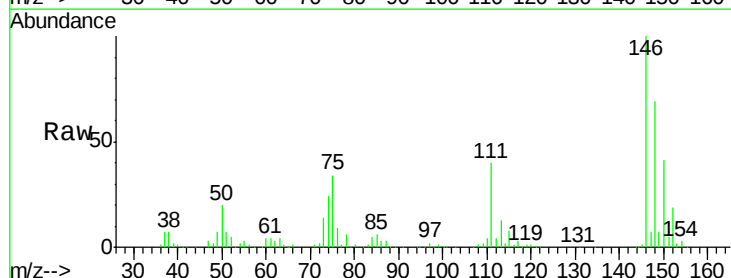


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

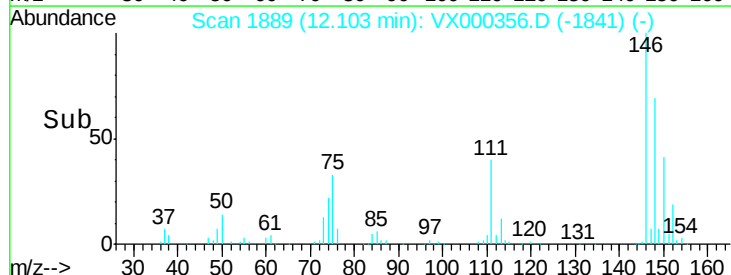
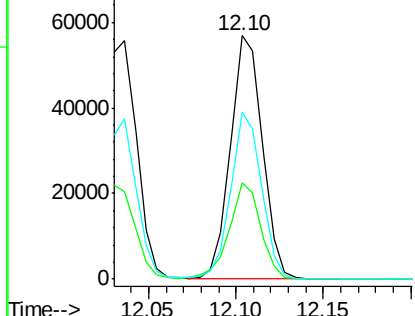


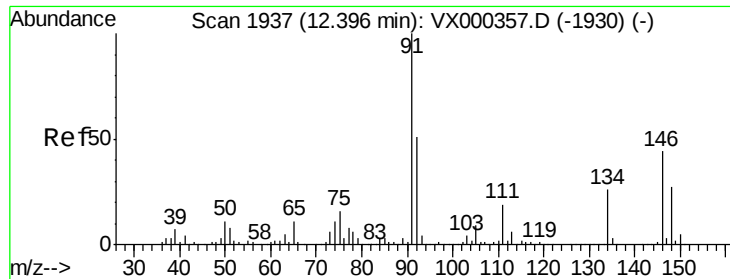
#88
 1,4-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion:146 Resp: 72459
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.9 56.9
 148 66.4 31.0 93.0



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





#89

n-Butylbenzene

Concen: 22.01 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

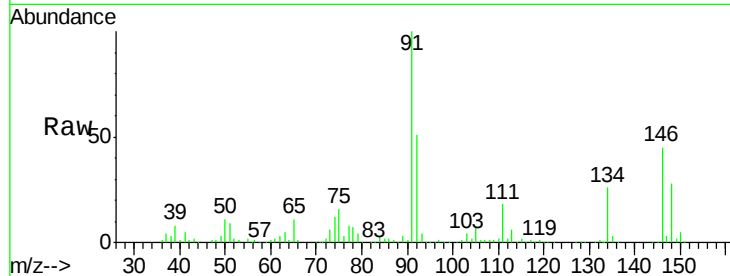
Tgt Ion: 91 Resp: 129947

Ion Ratio Lower Upper

91 100

92 49.8 25.9 77.8

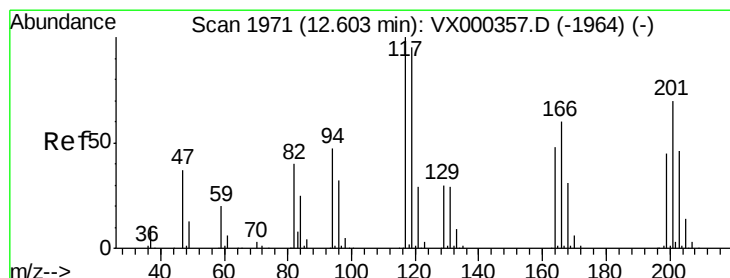
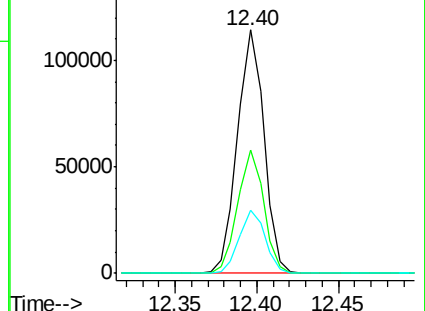
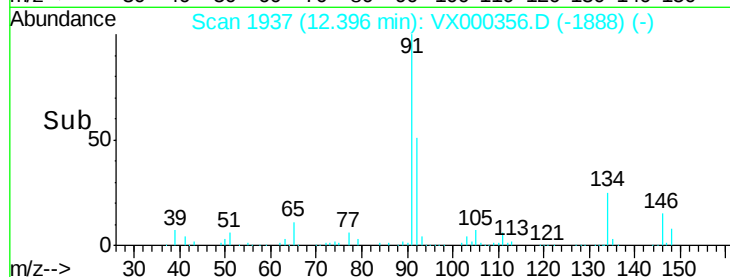
134 25.5 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000357.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000357.D (-1930) (-)



#90

Hexachloroethane

Concen: 22.34 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000356.D

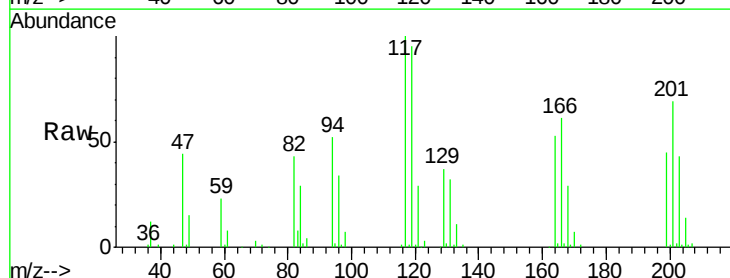
Acq: 20 Mar 2018 11:18

Tgt Ion: 117 Resp: 21756

Ion Ratio Lower Upper

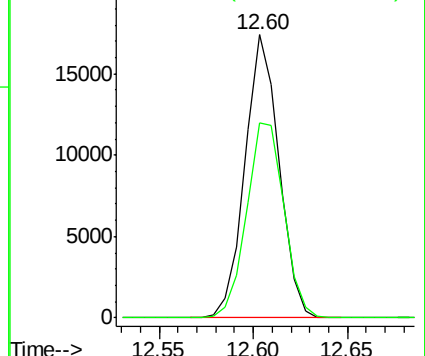
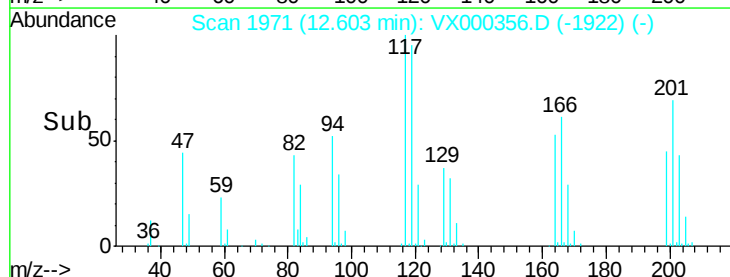
117 100

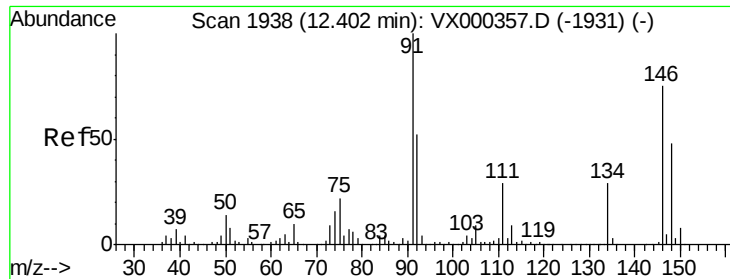
201 75.9 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000357.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000357.D (-1964) (-)

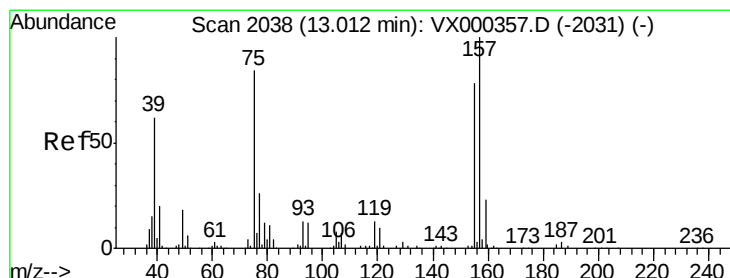
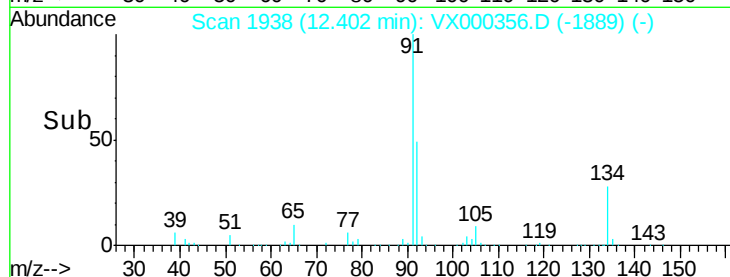
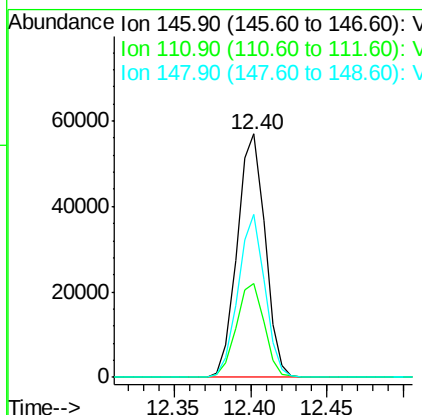
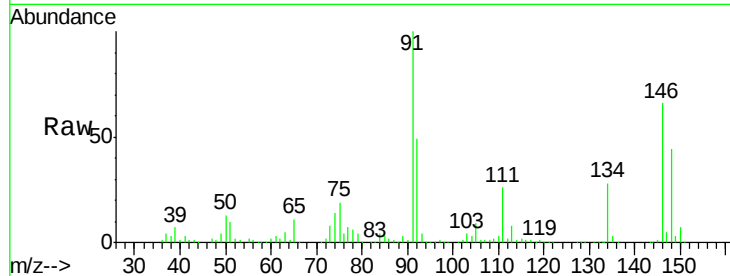




#91
 1,2-Dichlorobenzene
 Concen: 22.09 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

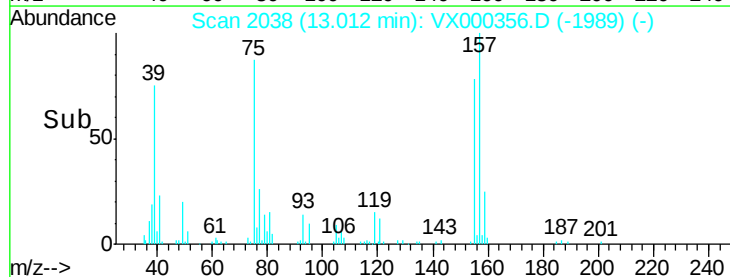
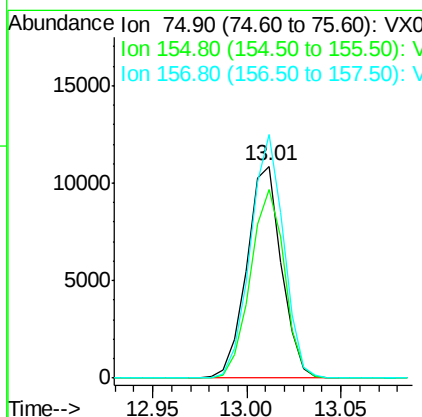
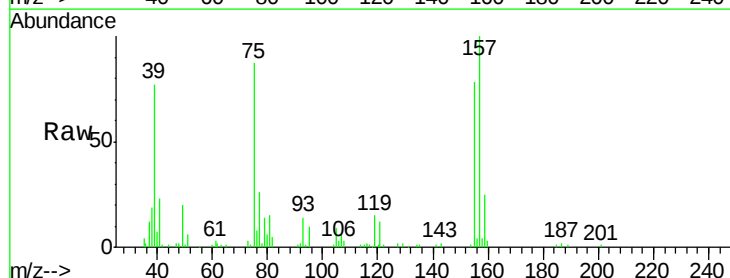
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 72256
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.1 60.2
 148 63.8 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.98 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 75 Resp: 13890
 Ion Ratio Lower Upper
 75 100
 155 87.0 45.0 134.8
 157 109.7 58.1 174.2

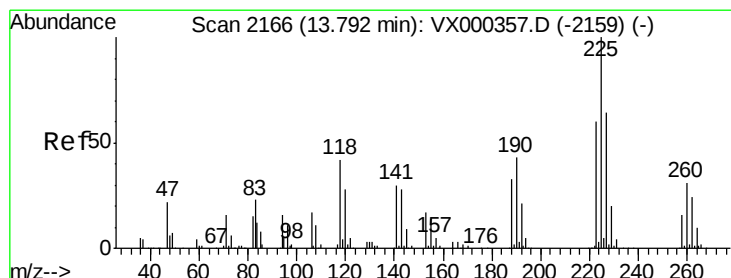
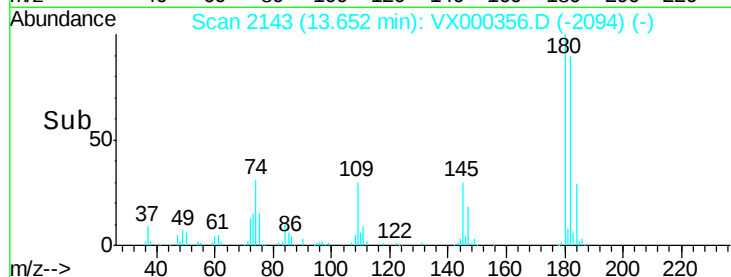
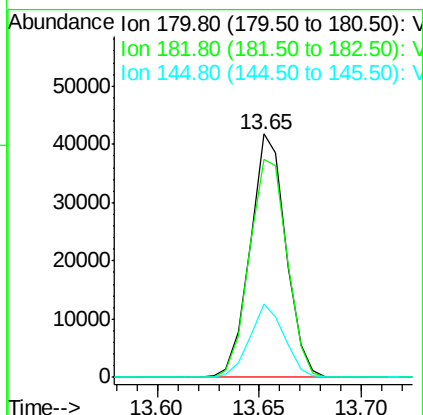
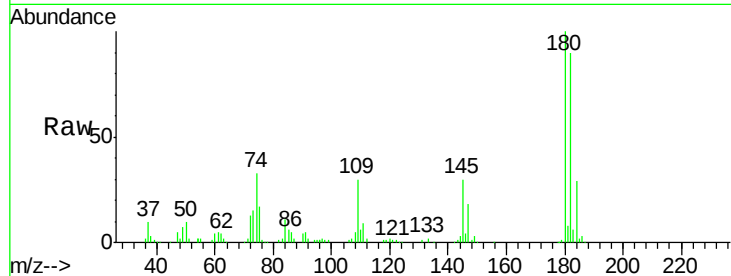




#93
 1,2,4-Trichlorobenzene
 Concen: 21.56 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

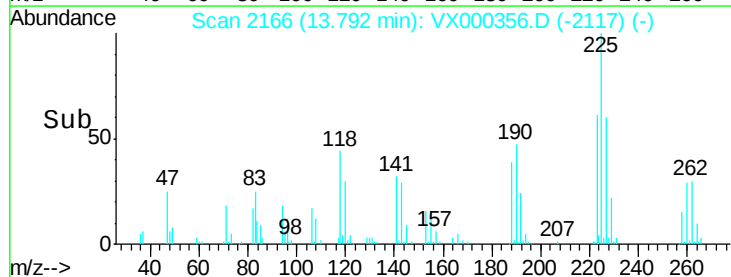
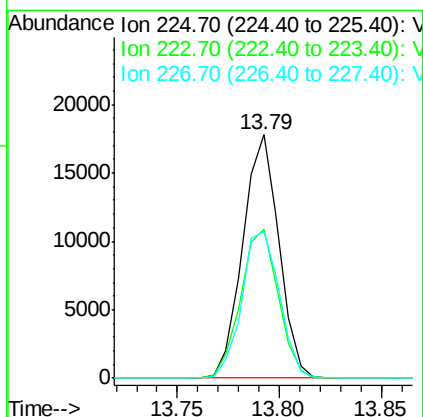
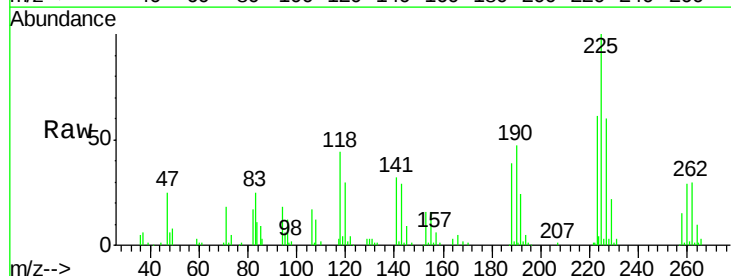
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 50817
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.9
 145 29.4 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 23.50 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion:225 Resp: 21852
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.0 96.0
 227 63.0 32.6 98.0





#95

Naphthalene

Concen: 22.37 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

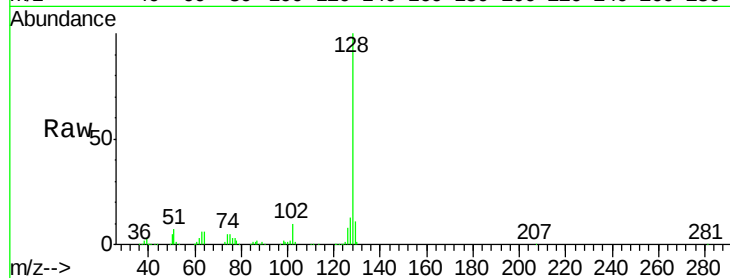
Tgt Ion:128 Resp: 182941

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

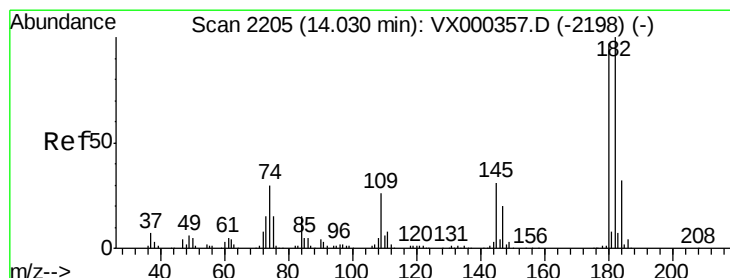
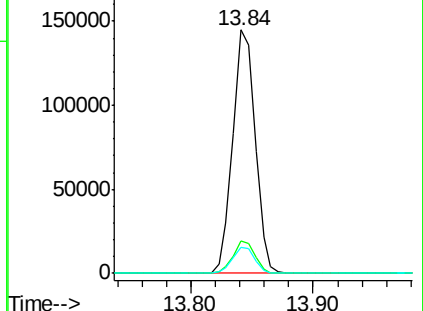
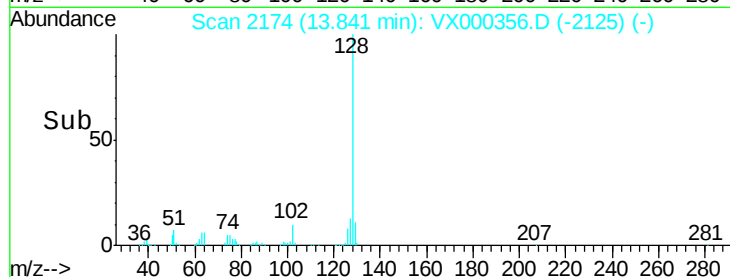
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.43 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

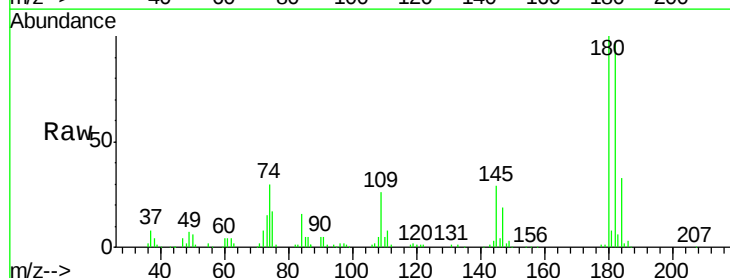
Tgt Ion:180 Resp: 51007

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 29.1 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

