

Data File : VX000398.D

Acq On : 22 Mar 2018 11:50

Operator : JC/MD

Sample : VX0322WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

Quant Time: Mar 23 05:40:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	180255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	182533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	73133	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.51	113	56187	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.73	98	234330	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.15	95	86477	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	23804	18.97	ug/l	93
3) Chloromethane	1.32	50	24062	18.20	ug/l	98
4) Vinyl Chloride	1.41	62	27697	19.83	ug/l	95
5) Bromomethane	1.65	94	24529	14.70	ug/l	100
6) Chloroethane	1.73	64	17690	22.24	ug/l	# 88
7) Trichlorofluoromethane	1.93	101	49470	19.62	ug/l	97
8) Diethyl Ether	2.20	74	17391	19.30	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27833	19.80	ug/l	97
10) Methyl Iodide	2.52	142	23159	19.48	ug/l	98
11) Tert butyl alcohol	3.06	59	49415	96.66	ug/l	100
12) 1,1-Dichloroethene	2.38	96	24642	19.97	ug/l	98
13) Acrolein	2.30	56	14380	97.54	ug/l	97
14) Allyl chloride	2.73	41	42169	19.29	ug/l	95
15) Acrylonitrile	3.15	53	102266	98.77	ug/l	99
16) Acetone	2.45	43	118981	96.24	ug/l	99
17) Carbon Disulfide	2.57	76	61975	18.89	ug/l	100
18) Methyl Acetate	2.78	43	52952	20.43	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	88598	19.41	ug/l	99
20) Methylene Chloride	2.86	84	27594	19.32	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	27327	19.85	ug/l	97
22) Diisopropyl ether	3.88	45	84301	21.85	ug/l	92
23) Vinyl Acetate	3.83	43	403999	110.47	ug/l	97
24) 1,1-Dichloroethane	3.70	63	49397	20.37	ug/l	98
25) 2-Butanone	4.71	43	136620	98.31	ug/l	98
26) 2,2-Dichloropropane	4.59	77	33735	19.84	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	25654	19.94	ug/l	97
28) Bromochloromethane	5.03	49	19522	19.52	ug/l	99
29) Tetrahydrofuran	5.17	42	80857	94.57	ug/l	99
30) Chloroform	5.23	83	44404	19.53	ug/l	98
31) Cyclohexane	5.59	56	34810	18.57	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	39216	19.12	ug/l	99
36) 1,1-Dichloropropene	5.81	75	31429	18.61	ug/l	96
37) Ethyl Acetate	4.87	43	45120	19.56	ug/l	100
38) Carbon Tetrachloride	5.79	117	32850	18.55	ug/l	93

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Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

Quant Time: Mar 23 05:40:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	40629	19.79	ug/l	98
40) Benzene	6.15	78	96065	19.59	ug/l	100
41) Methacrylonitrile	5.07	41	22595	18.58	ug/l	97
42) 1,2-Dichloroethane	6.20	62	38273	19.89	ug/l	100
43) Isopropyl Acetate	6.48	43	66129	19.26	ug/l	99
44) Trichloroethene	7.22	130	27872	19.84	ug/l	97
45) 1,2-Dichloropropane	7.52	63	25269	20.13	ug/l	98
46) Dibromomethane	7.67	93	19465	19.76	ug/l	97
47) Bromodichloromethane	7.90	83	34877	20.12	ug/l #	97
48) Methyl methacrylate	7.79	41	32471	19.48	ug/l	99
49) 1,4-Dioxane	7.77	88	13661	389.92	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	266953	100.46	ug/l	98
52) Toluene	8.79	92	67868	19.80	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	39126	19.48	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	37328	19.16	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	27576	19.56	ug/l	95
56) Ethyl methacrylate	9.19	69	41215	19.29	ug/l	97
57) 1,3-Dichloropropane	9.38	76	46970	20.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	103506	100.96	ug/l	98
59) 2-Hexanone	9.51	43	227178	100.68	ug/l	99
60) Dibromochloromethane	9.59	129	28673	19.89	ug/l	98
61) 1,2-Dibromoethane	9.68	107	30514	20.19	ug/l	99
64) Tetrachloroethene	9.34	164	29530	20.85	ug/l	96
65) Chlorobenzene	10.15	112	78499	19.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	27197	19.71	ug/l	98
67) Ethyl Benzene	10.26	91	136941	19.89	ug/l	99
68) m/p-Xylenes	10.37	106	105270	38.85	ug/l	99
69) o-Xylene	10.71	106	51386	19.59	ug/l	100
70) Styrene	10.72	104	83734	19.29	ug/l	99
71) Bromoform	10.87	173	22307	18.81	ug/l #	97
73) Isopropylbenzene	11.02	105	139600	21.16	ug/l	100
74) N-amyl acetate	6.48	43	66129	21.10	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	49462	21.20	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	57194	26.73	ug/l	84
77) Bromobenzene	11.26	156	34858	19.84	ug/l	99
78) n-propylbenzene	11.37	91	166313	21.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	92507	20.36	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	116441	20.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	12385	18.74	ug/l	88
82) 4-Chlorotoluene	11.52	91	111332	20.52	ug/l	99
83) tert-Butylbenzene	11.78	119	116031	20.74	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	121322	20.86	ug/l	99
85) sec-Butylbenzene	11.96	105	144758	20.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	128232	20.86	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	67346	20.27	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	67993	19.49	ug/l	98
89) n-Butylbenzene	12.40	91	116664	20.38	ug/l	98
90) Hexachloroethane	12.60	117	20957	21.66	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	66549	20.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13591	20.89	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032218\
Quantitation Report (Not Reviewed)

Data File : VX000398.D
Acq On : 22 Mar 2018 11:50
Operator : JC/MD
Sample : VX0322WBS01
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

Quant Time: Mar 23 05:40:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46068	19.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	21174	21.90	ug/l	98
95) Naphthalene	13.85	128	167059	20.54	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	47559	20.61	ug/l	99

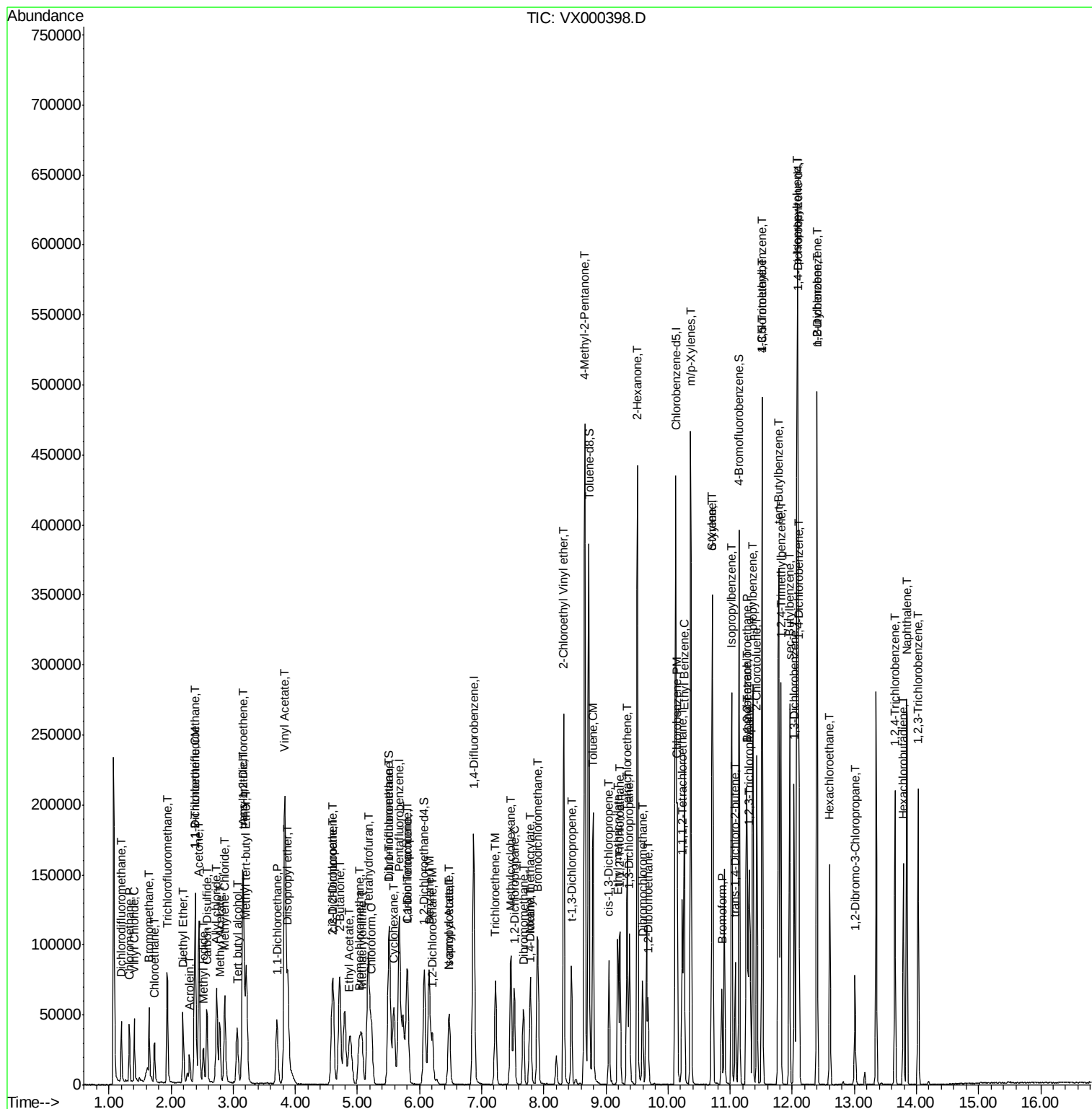
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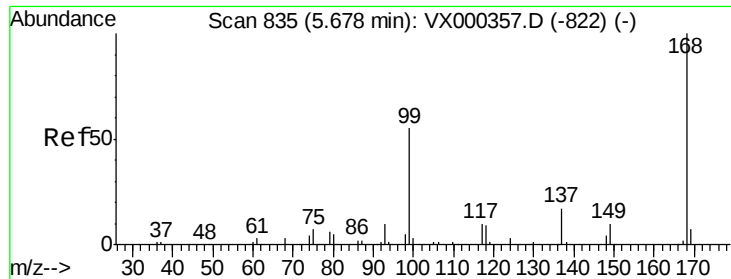
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA X

ClientSampleId :
VX0322WBS01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

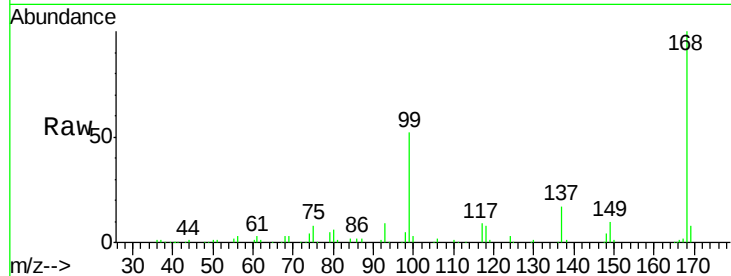
VX0322WBS01

Tgt Ion:168 Resp: 113851

Ion Ratio Lower Upper

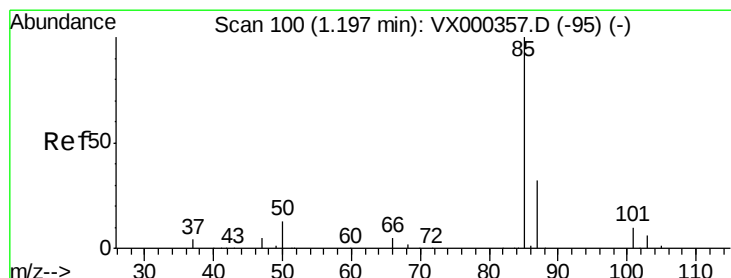
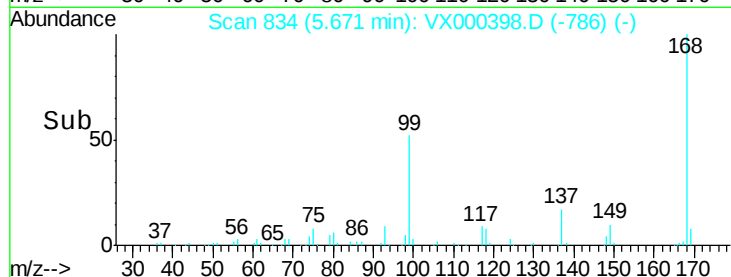
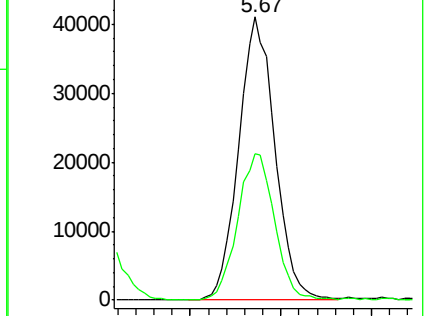
168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.97 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000398.D

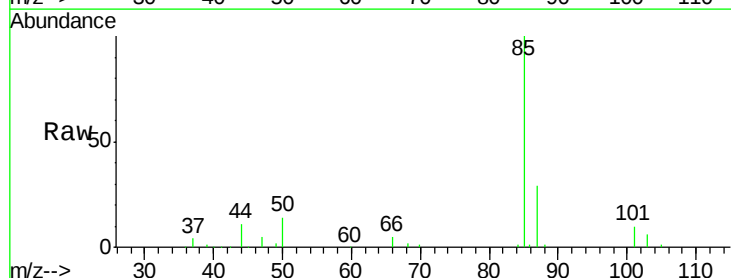
Acq: 22 Mar 2018 11:50

Tgt Ion: 85 Resp: 23804

Ion Ratio Lower Upper

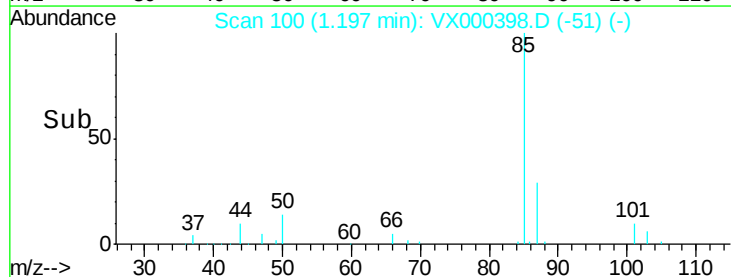
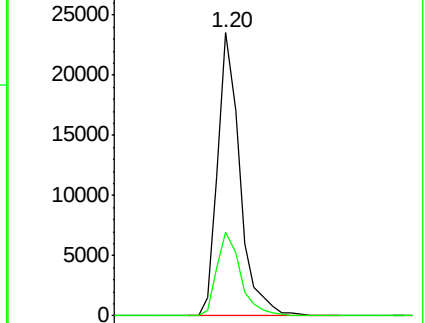
85 100

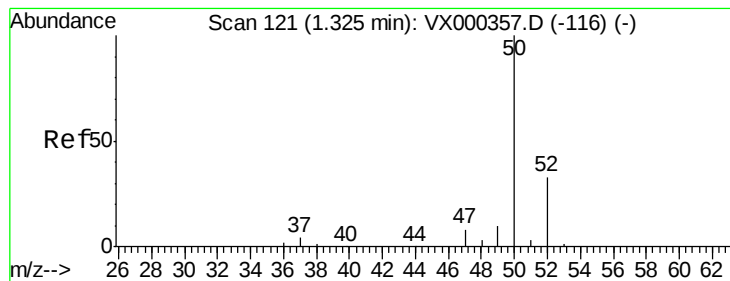
87 29.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

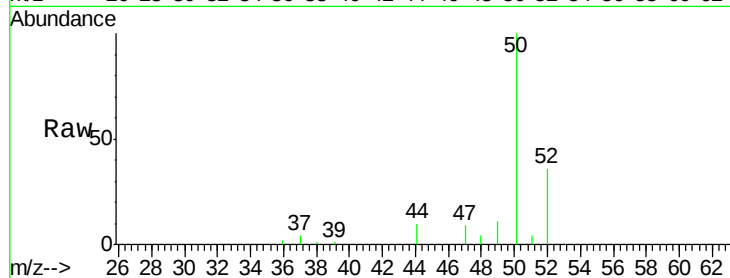
VX0322WBS01

Tgt Ion: 50 Resp: 24062

Ion Ratio Lower Upper

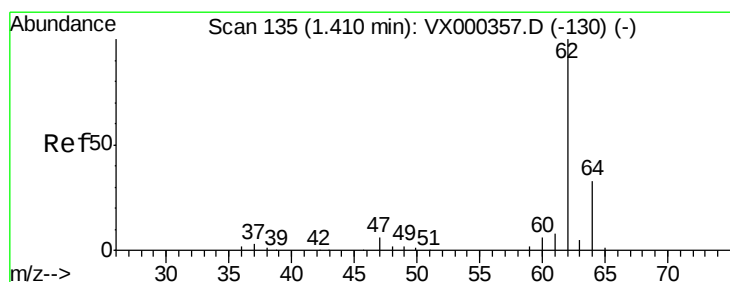
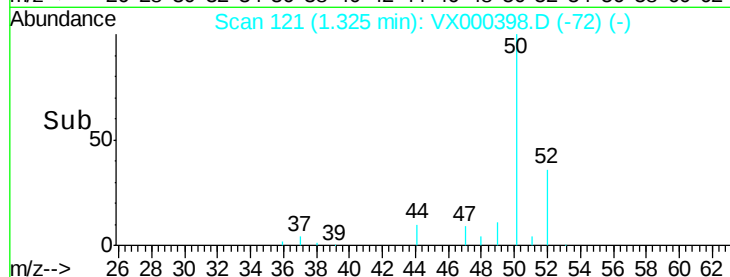
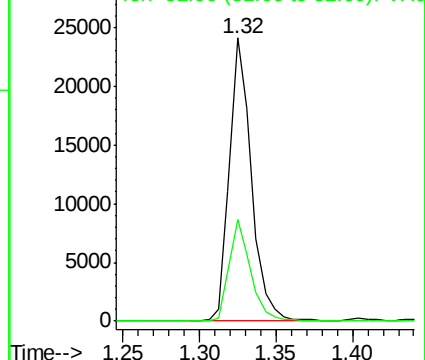
50 100

52 35.8 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.83 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000398.D

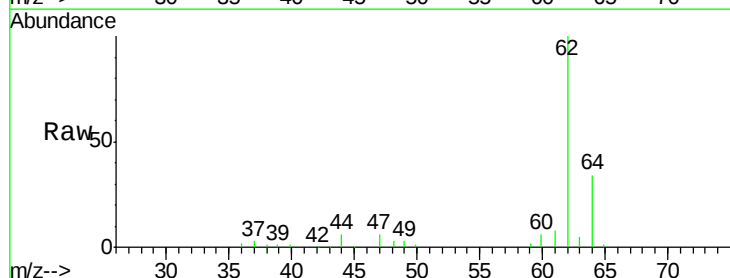
Acq: 22 Mar 2018 11:50

Tgt Ion: 62 Resp: 27697

Ion Ratio Lower Upper

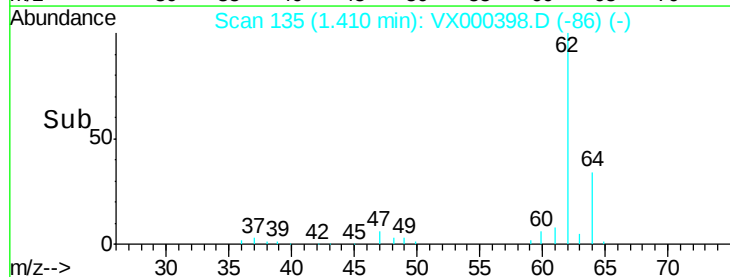
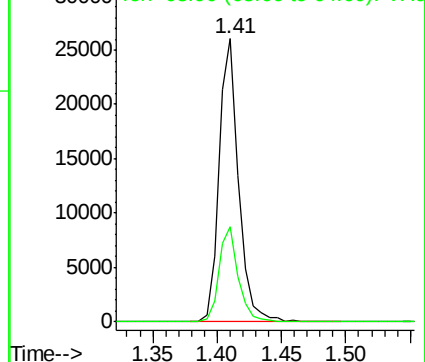
62 100

64 33.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.70 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

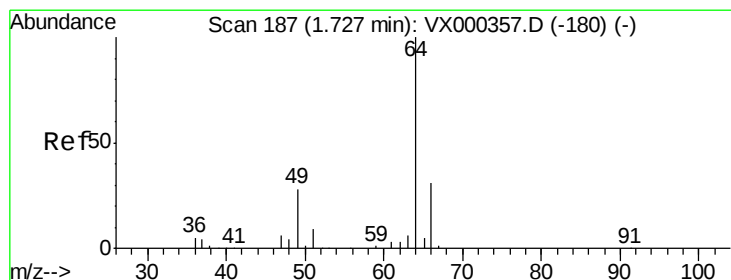
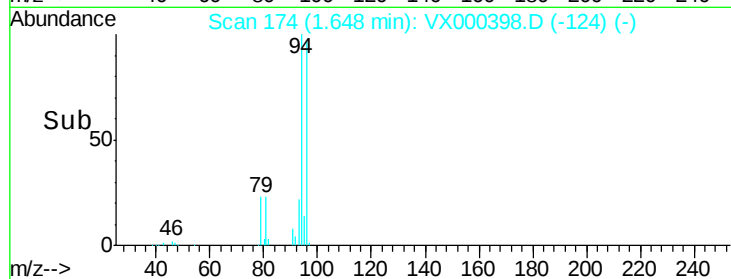
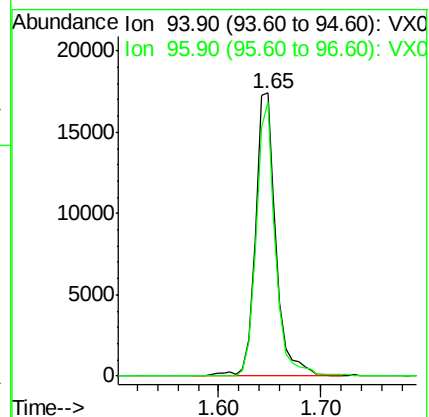
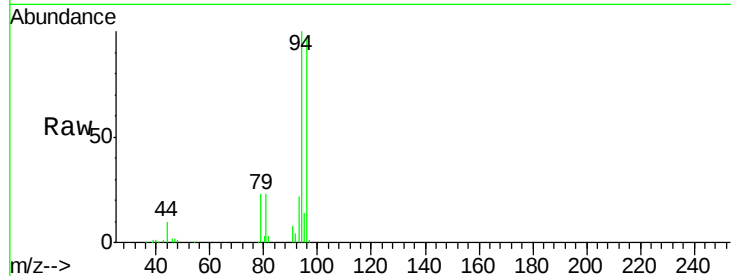
VX0322WBS01

Tgt Ion: 94 Resp: 24529

Ion Ratio Lower Upper

94 100

96 96.7 77.7 116.5



#6

Chloroethane

Concen: 22.24 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000398.D

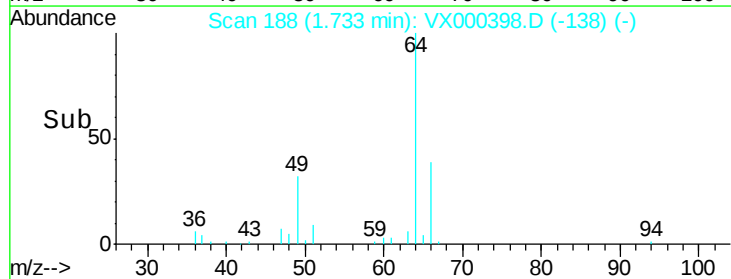
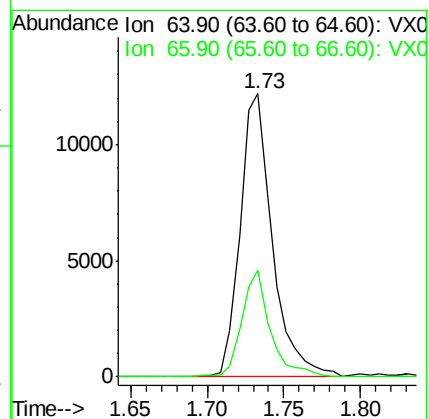
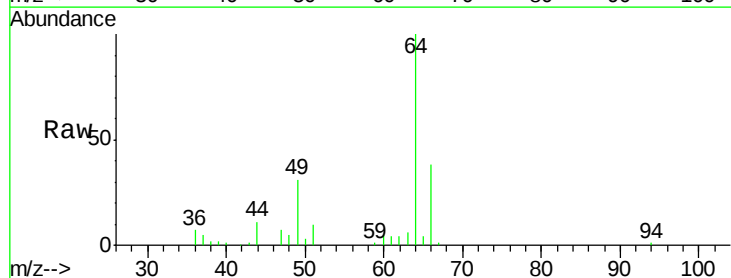
Acq: 22 Mar 2018 11:50

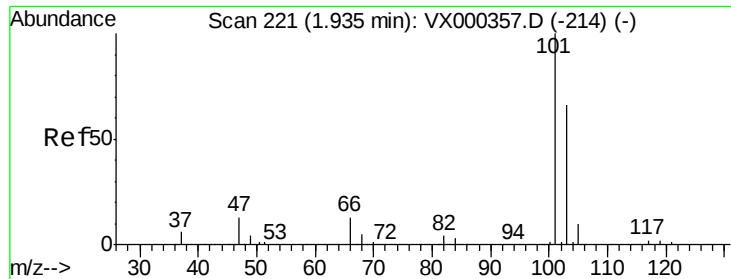
Tgt Ion: 64 Resp: 17690

Ion Ratio Lower Upper

64 100

66 37.7 24.8 37.2#



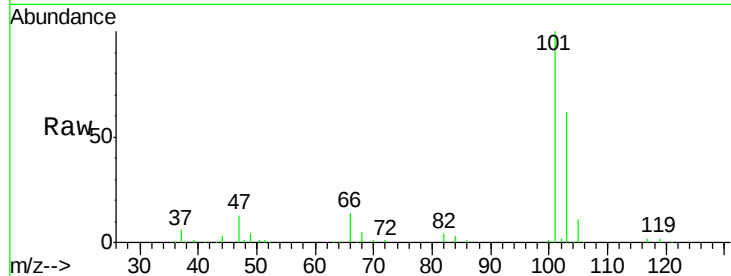


#7

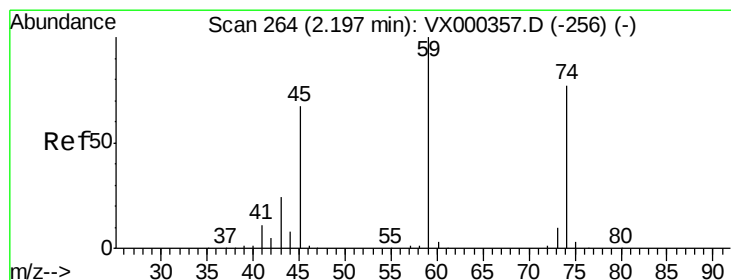
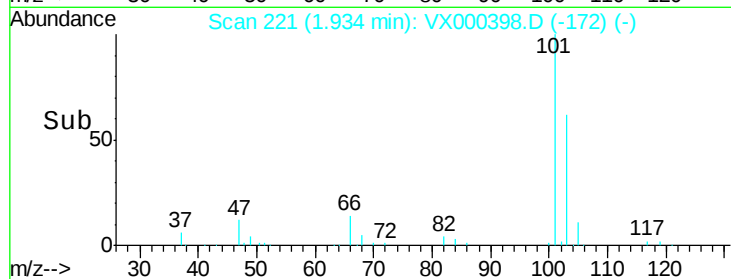
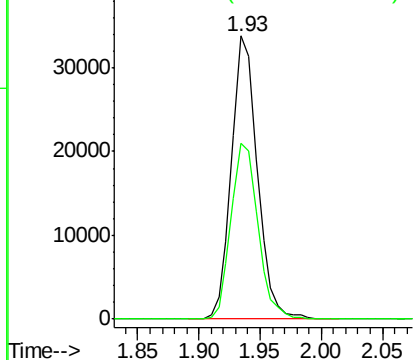
Trichlorofluoromethane
 Concen: 19.62 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

Tgt Ion: 101 Resp: 49470
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.6 77.4



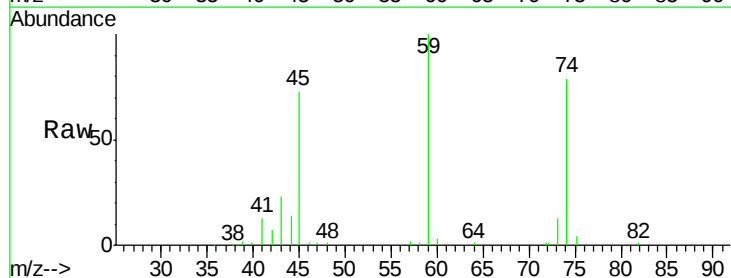
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



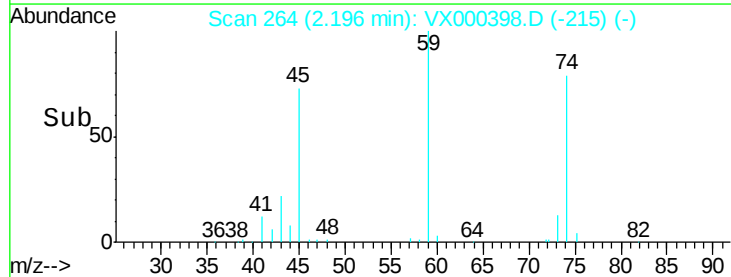
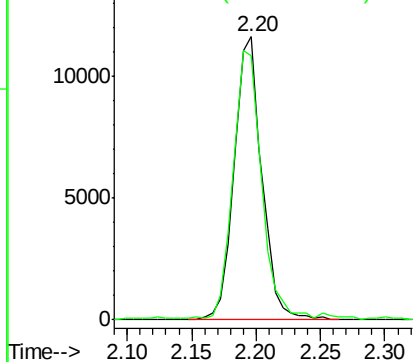
#8

Diethyl Ether
 Concen: 19.30 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion: 74 Resp: 17391
 Ion Ratio Lower Upper
 74 100
 45 96.9 45.1 135.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.80 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

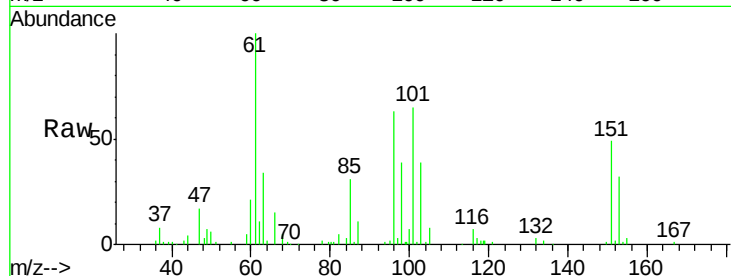
Tgt Ion:101 Resp: 27833

Ion Ratio Lower Upper

101 100

85 49.6 37.6 56.4

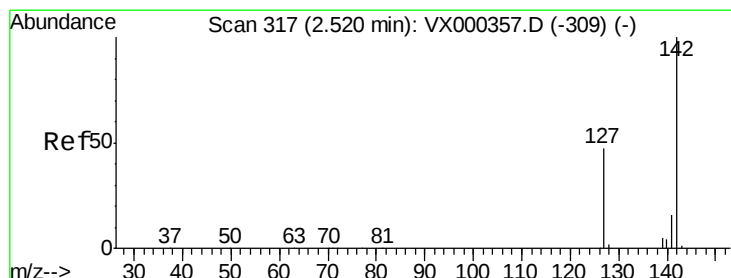
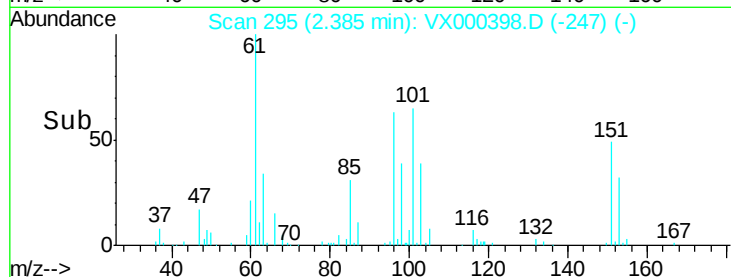
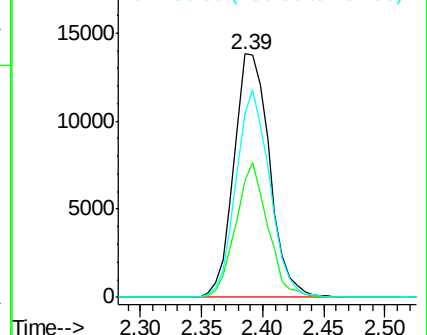
151 80.6 62.6 93.8



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: 19.48 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

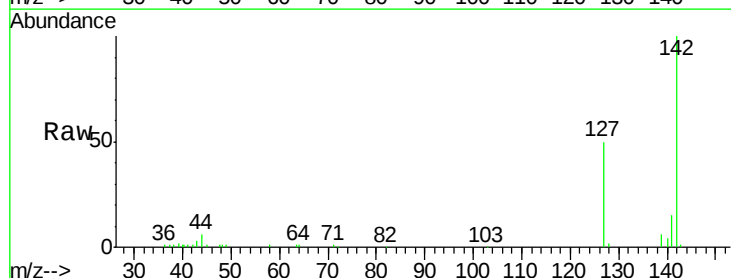
Tgt Ion:142 Resp: 23159

Ion Ratio Lower Upper

142 100

127 50.2 39.2 58.8

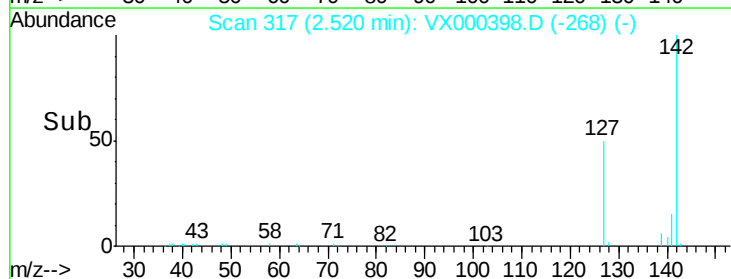
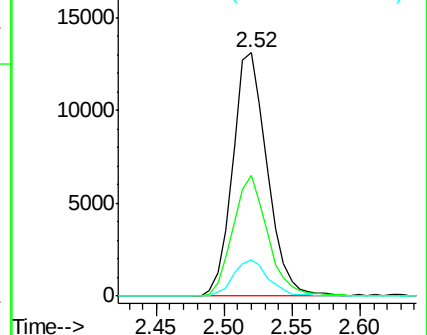
141 15.0 11.7 17.5

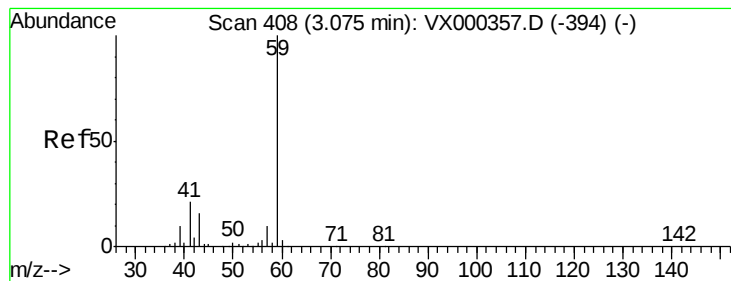


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.66 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

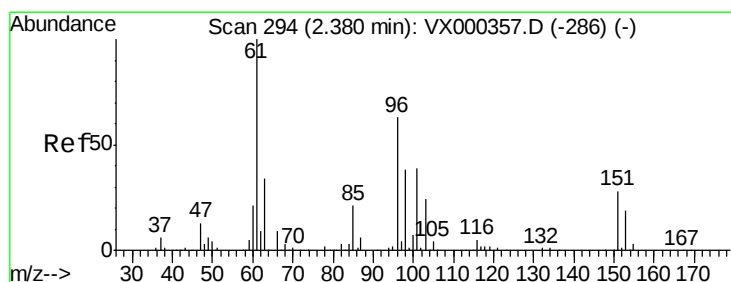
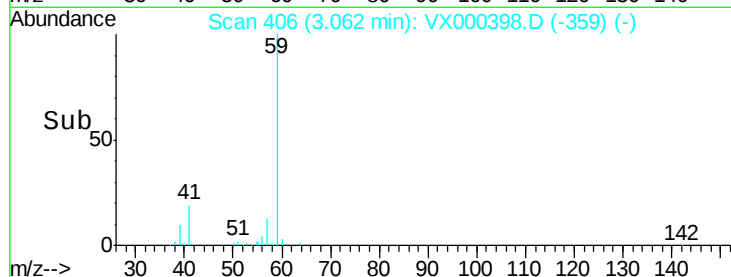
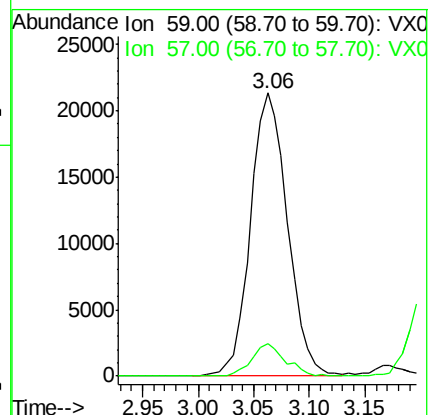
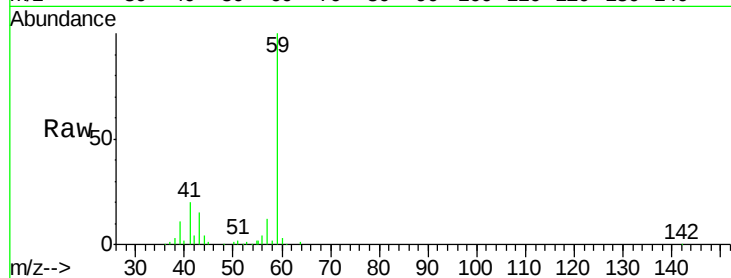
VX0322WBS01

Tgt Ion: 59 Resp: 49415

Ion Ratio Lower Upper

59 100

57 10.5 8.4 12.6



#12

1,1-Dichloroethene

Concen: 19.97 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

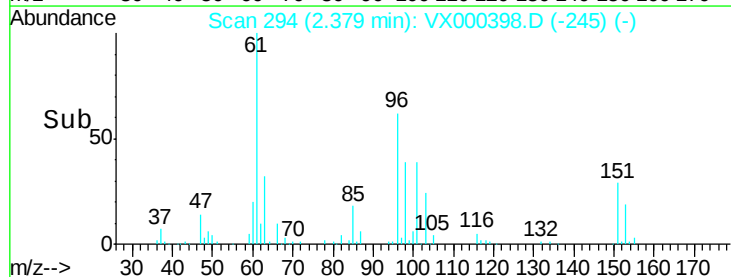
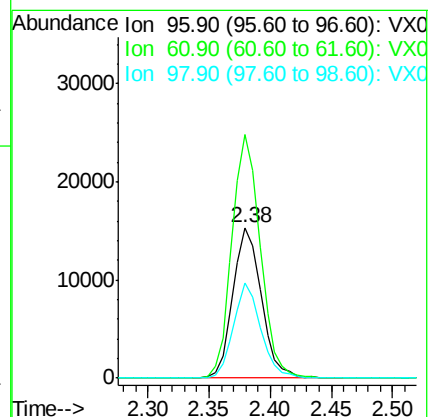
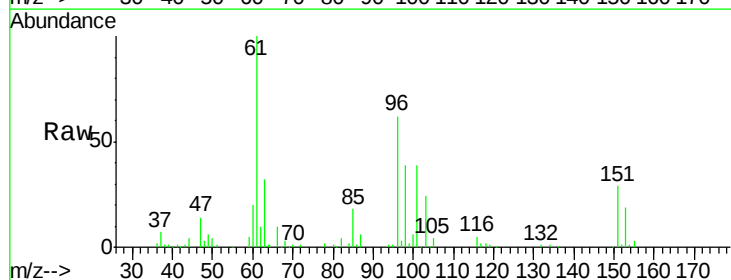
Tgt Ion: 96 Resp: 24642

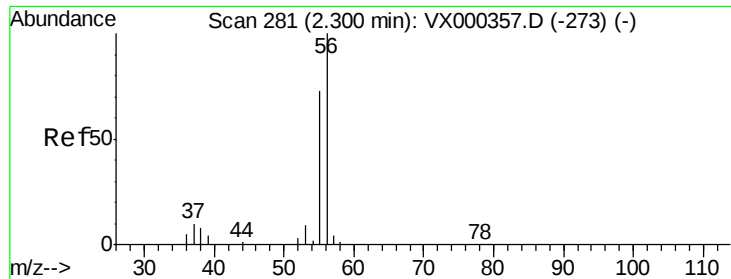
Ion Ratio Lower Upper

96 100

61 162.1 131.2 196.8

98 63.7 49.8 74.8





#13

Acrolein

Concen: 97.54 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

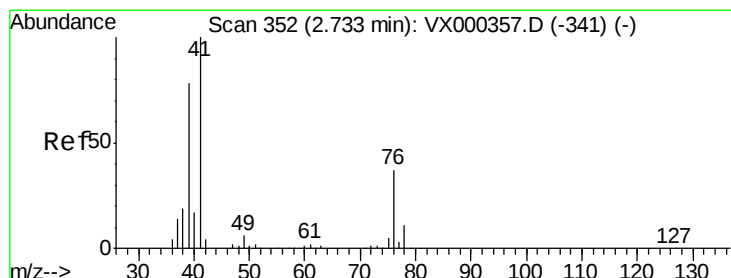
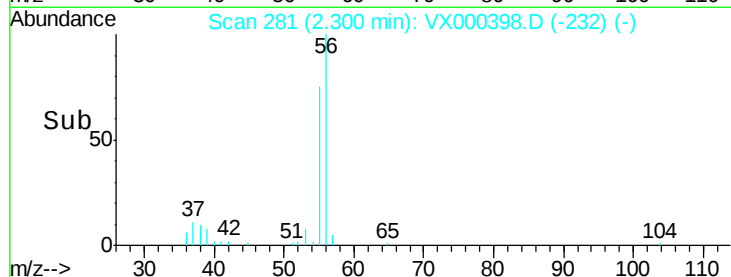
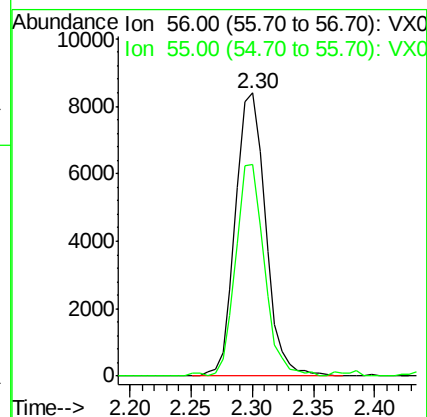
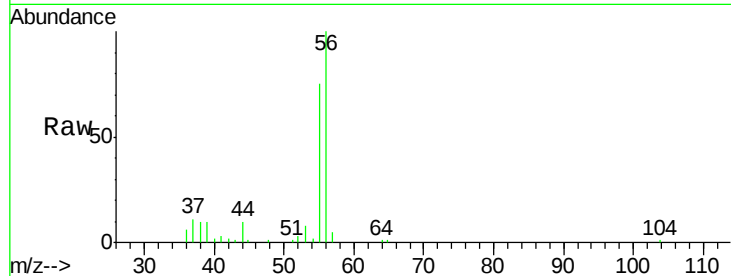
VX0322WBS01

Tgt Ion: 56 Resp: 14380

Ion Ratio Lower Upper

56 100

55 70.6 58.8 88.2



#14

Allyl chloride

Concen: 19.29 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

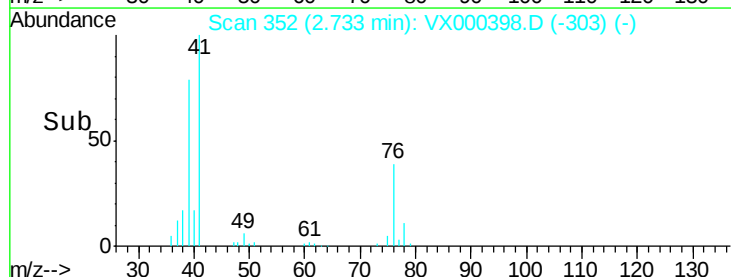
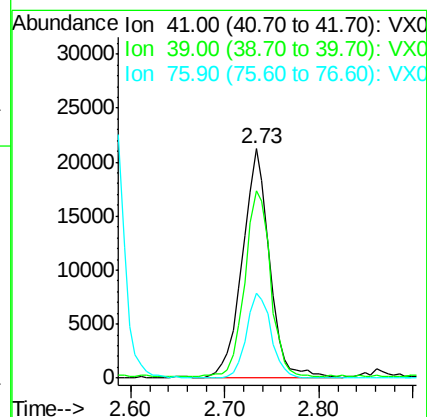
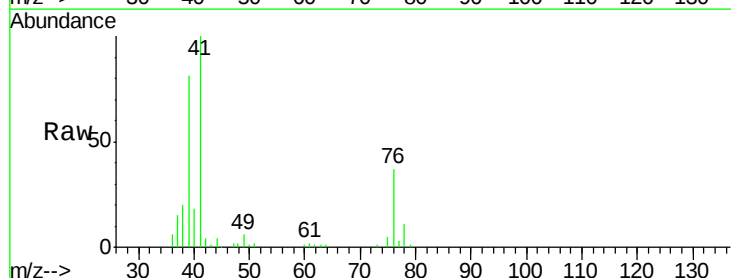
Tgt Ion: 41 Resp: 42169

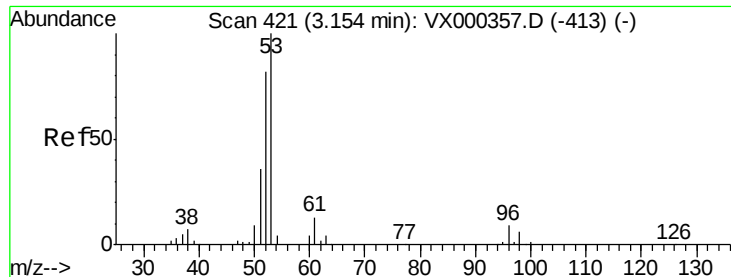
Ion Ratio Lower Upper

41 100

39 77.4 57.6 86.4

76 34.0 27.3 40.9

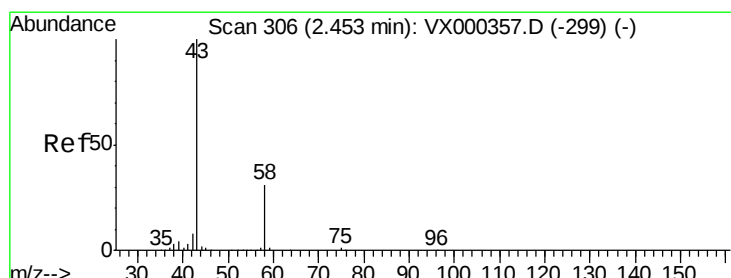
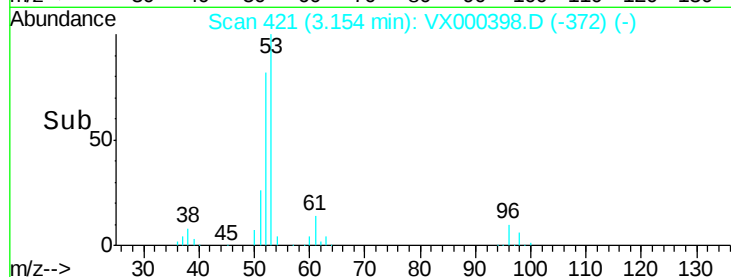
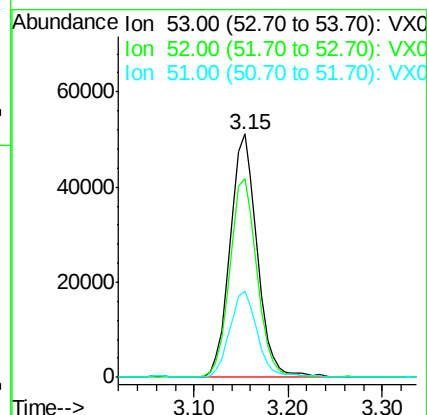
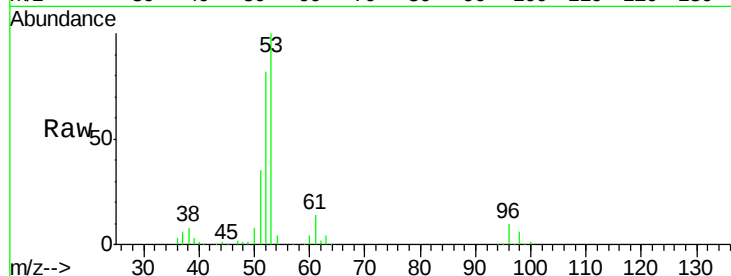




#15
 Acrylonitrile
 Concen: 98.77 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

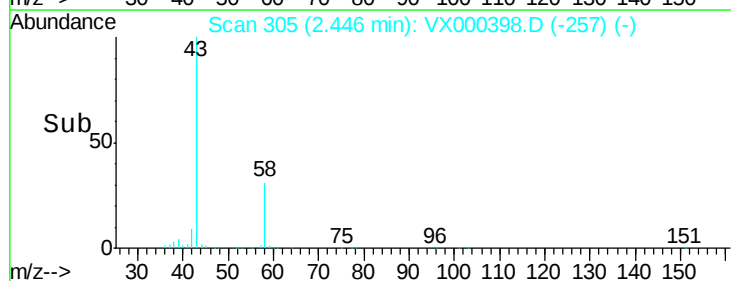
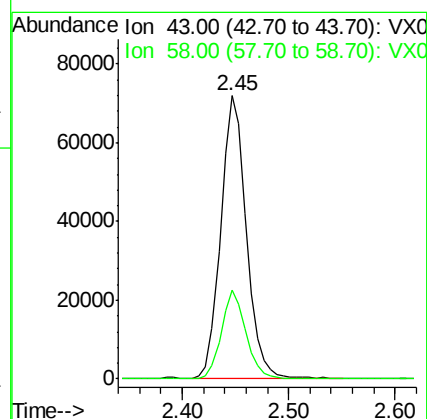
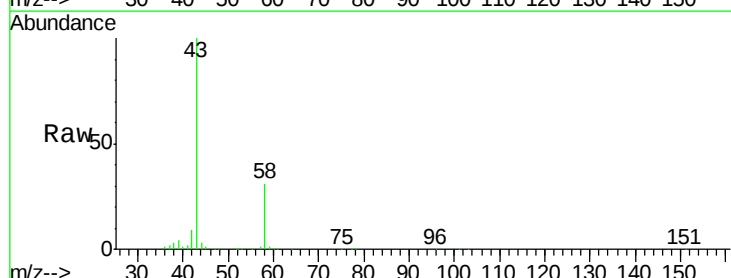
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

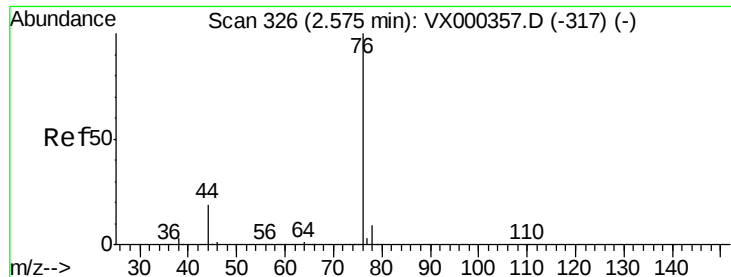
Tgt Ion: 53 Resp: 102266
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.6 99.8
 51 36.5 29.3 43.9



#16
 Acetone
 Concen: 96.24 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion: 43 Resp: 118981
 Ion Ratio Lower Upper
 43 100
 58 31.4 24.7 37.1

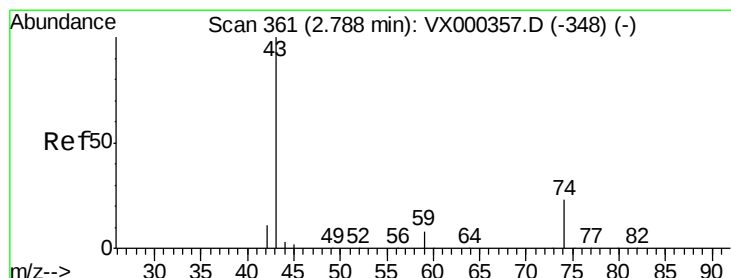
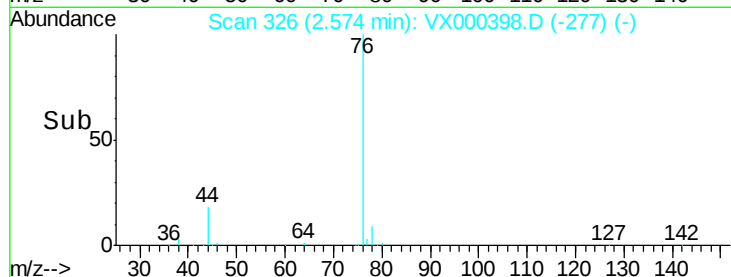
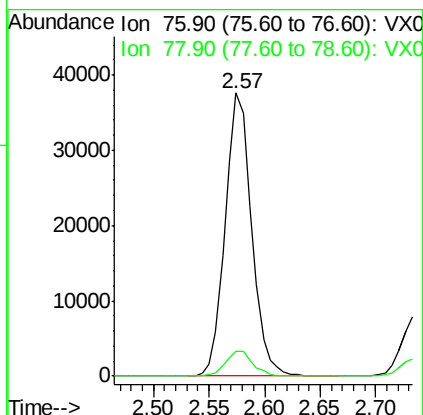
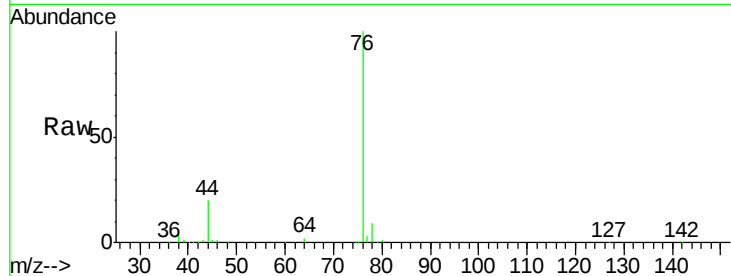




#17
Carbon Disulfide
Concen: 18.89 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

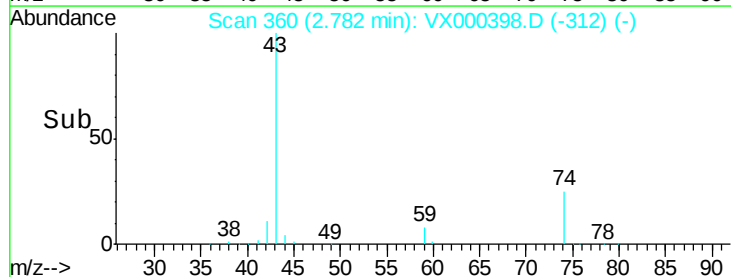
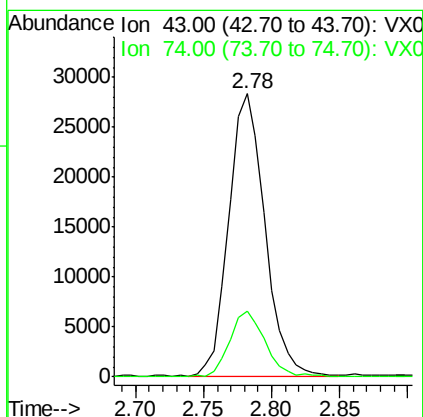
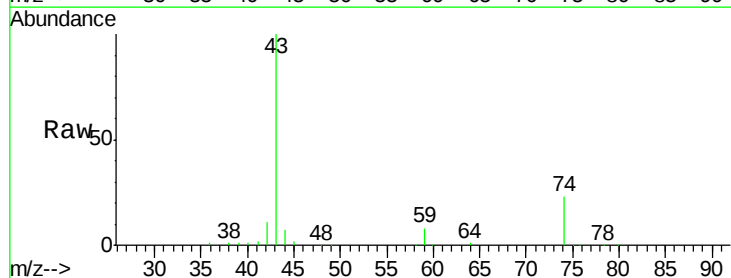
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

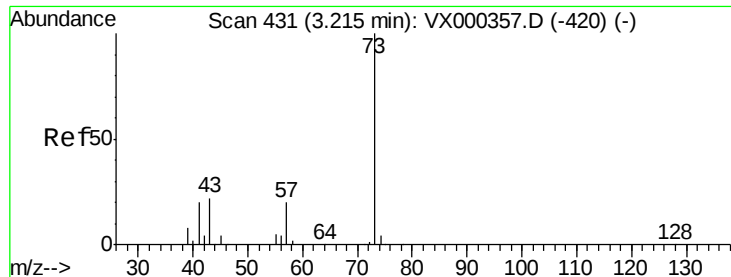
Tgt Ion: 76 Resp: 61975
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 20.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion: 43 Resp: 52952
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.41 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

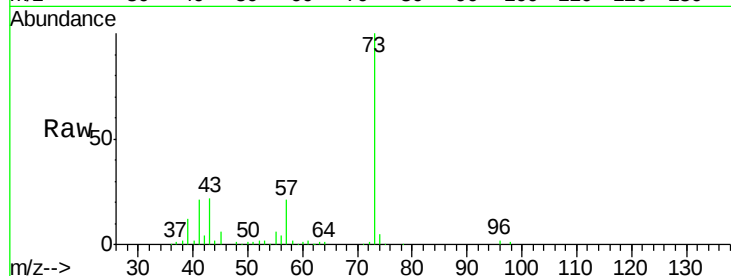
VX0322WBS01

Tgt Ion: 73 Resp: 88598

Ion Ratio Lower Upper

73 100

57 20.8 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

40000

30000

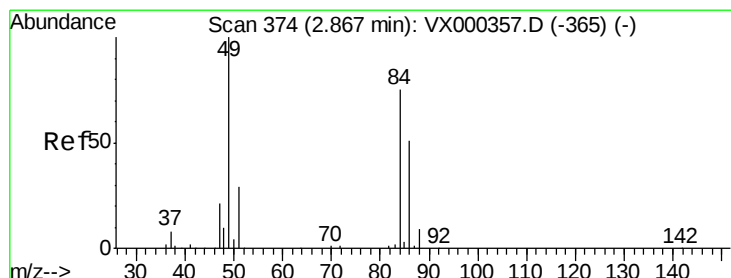
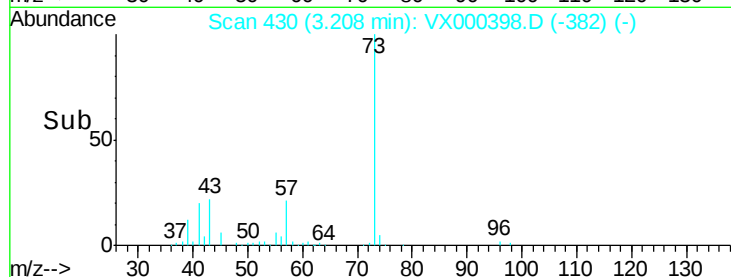
20000

10000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 19.32 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Tgt Ion: 84 Resp: 27594

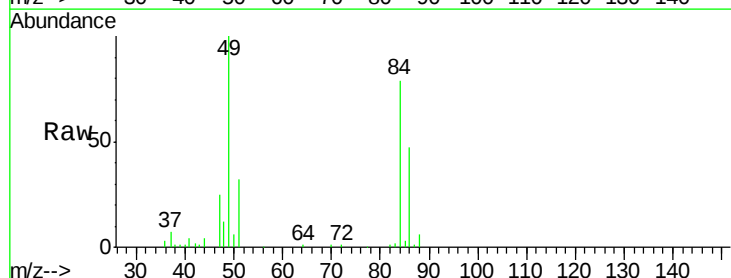
Ion Ratio Lower Upper

84 100

49 126.8 100.6 151.0

51 40.6 31.6 47.4

86 59.7 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

25000

20000

15000

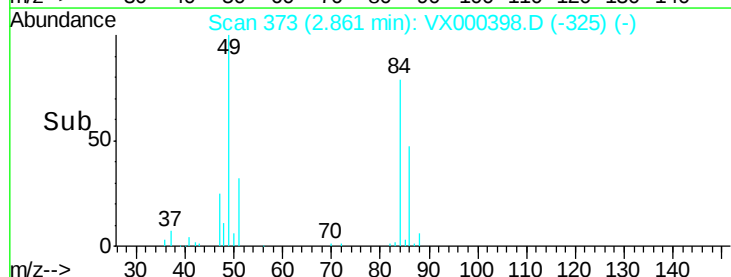
10000

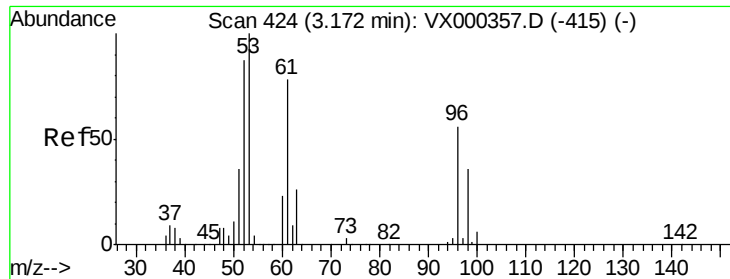
5000

0

Time-->

2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 19.85 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

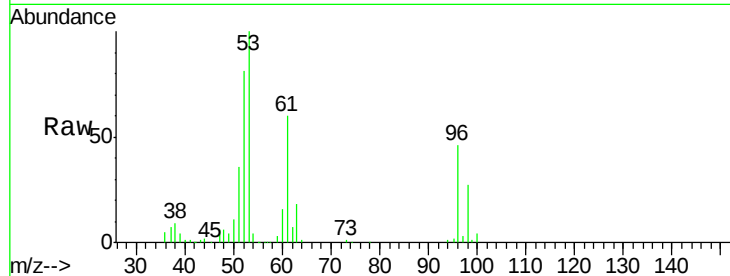
Tgt Ion: 96 Resp: 27327

Ion Ratio Lower Upper

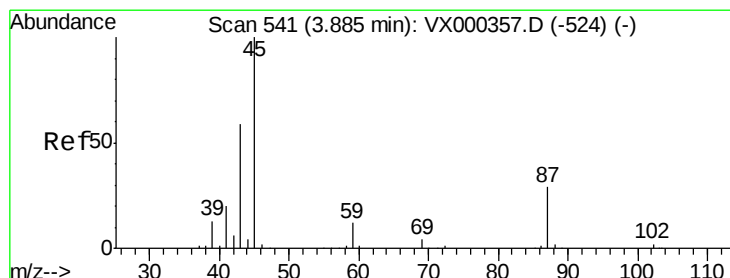
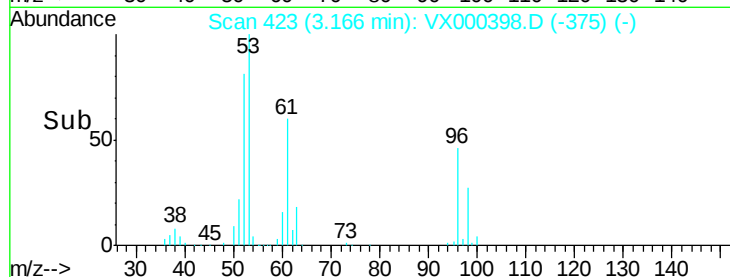
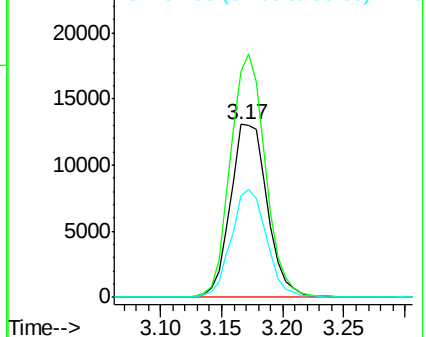
96 100

61 130.9 104.0 156.0

98 58.7 52.1 78.1



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



#22

Diisopropyl ether

Concen: 21.85 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Tgt Ion: 45 Resp: 84301

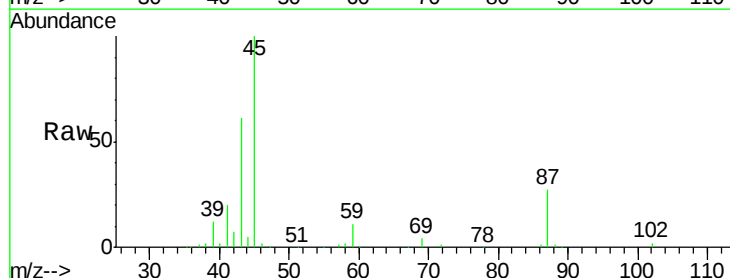
Ion Ratio Lower Upper

45 100

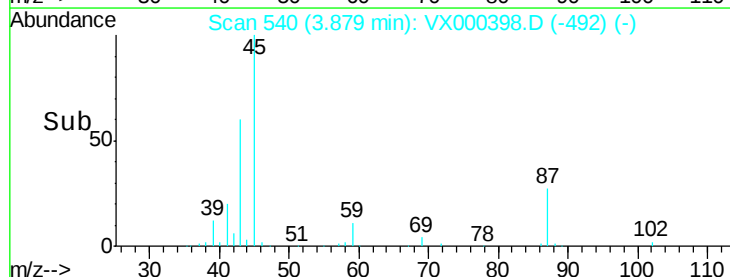
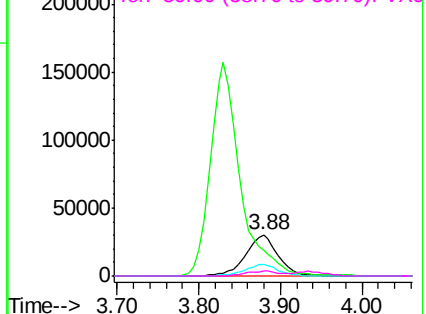
43 58.1 53.9 80.9

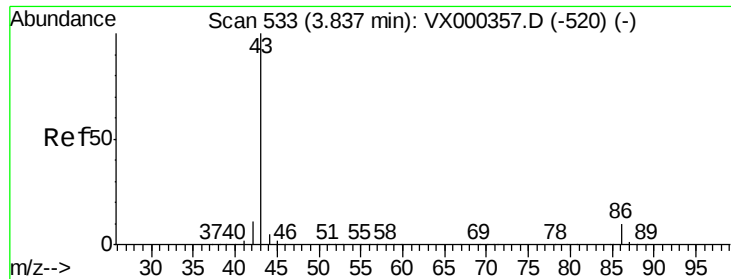
87 27.2 22.6 34.0

59 11.1 9.5 14.3



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





#23

Vinyl Acetate

Concen: 110.47 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

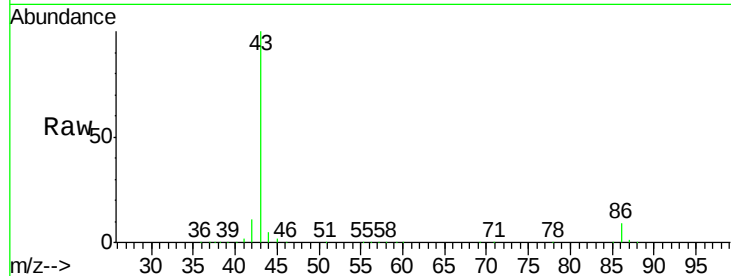
VX0322WBS01

Tgt Ion: 43 Resp: 403999

Ion Ratio Lower Upper

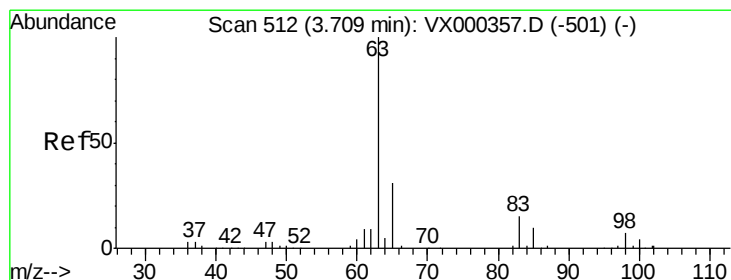
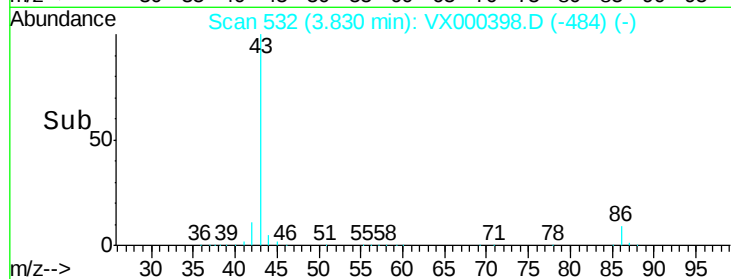
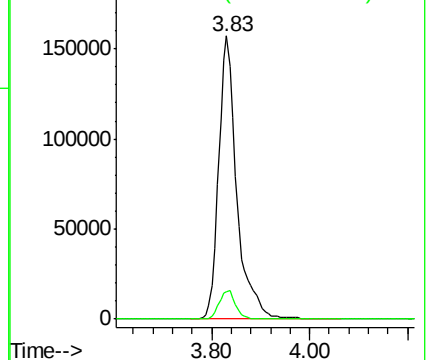
43 100

86 9.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

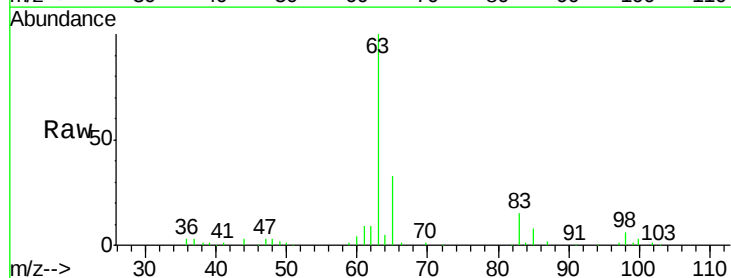
Tgt Ion: 63 Resp: 49397

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

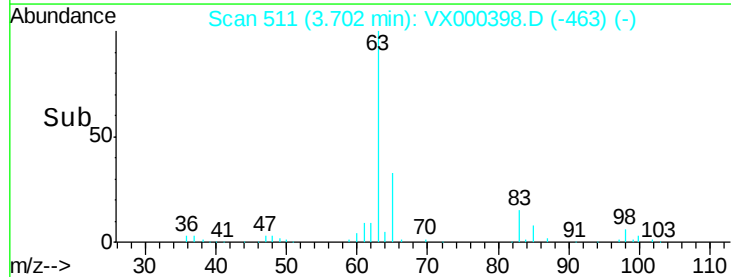
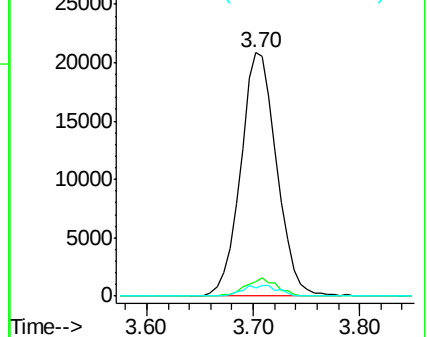
100 3.2 2.0 5.8

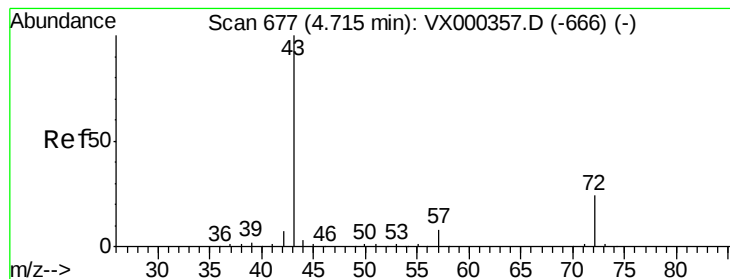


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.31 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

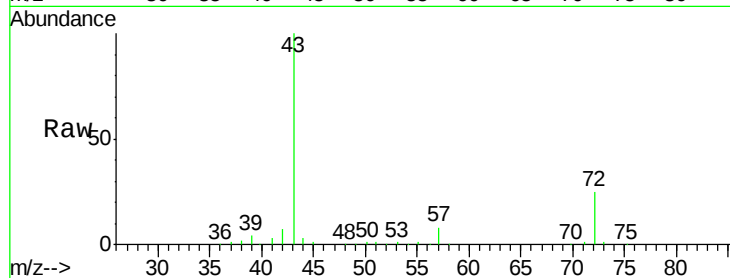
VX0322WBS01

Tgt Ion: 43 Resp: 136620

Ion Ratio Lower Upper

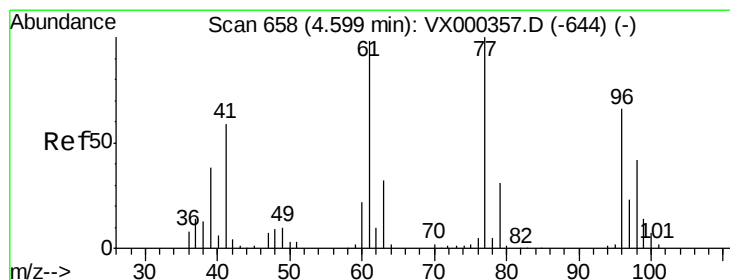
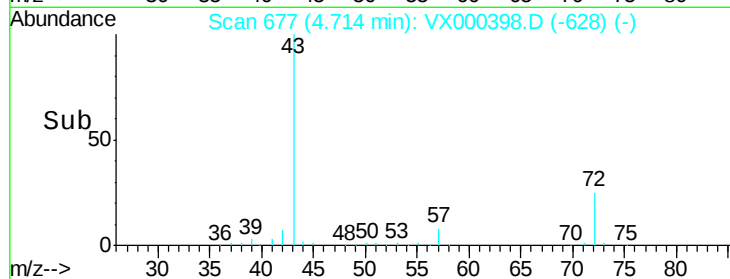
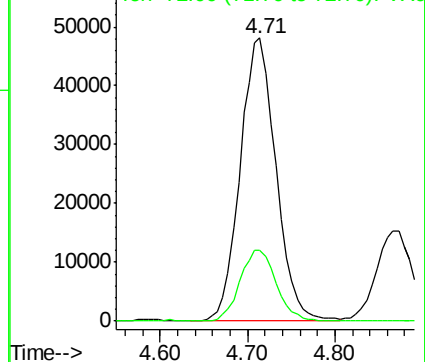
43 100

72 25.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.84 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000398.D

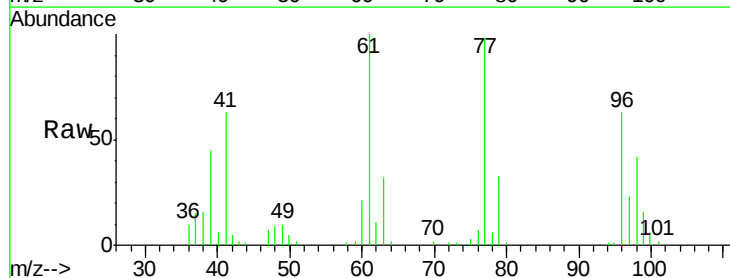
Acq: 22 Mar 2018 11:50

Tgt Ion: 77 Resp: 33735

Ion Ratio Lower Upper

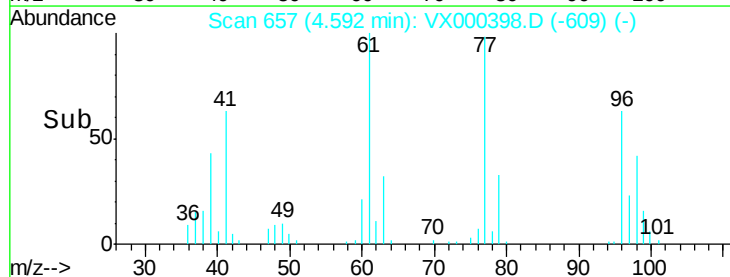
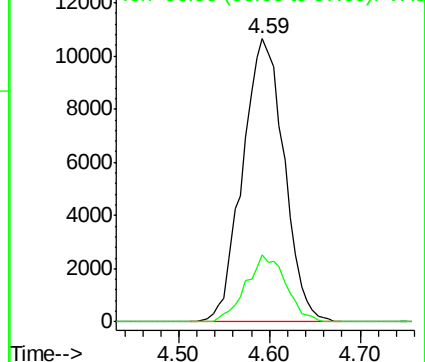
77 100

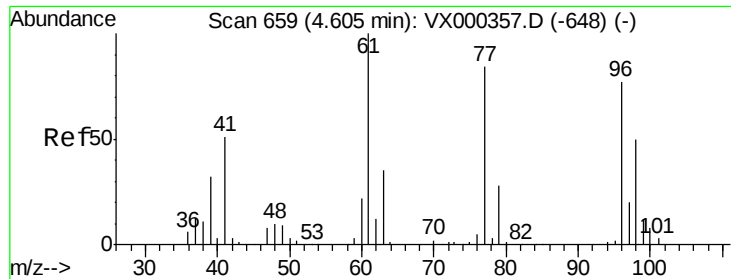
97 22.8 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



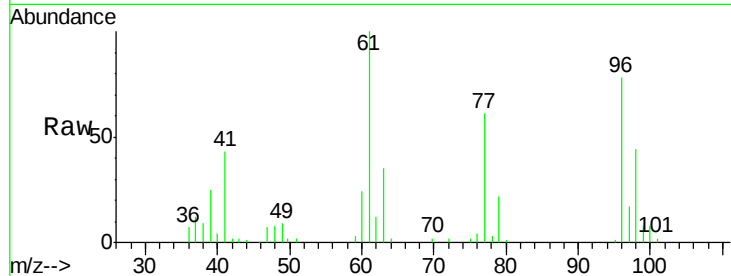


#27

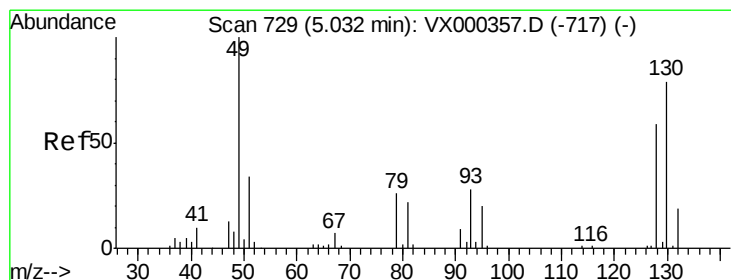
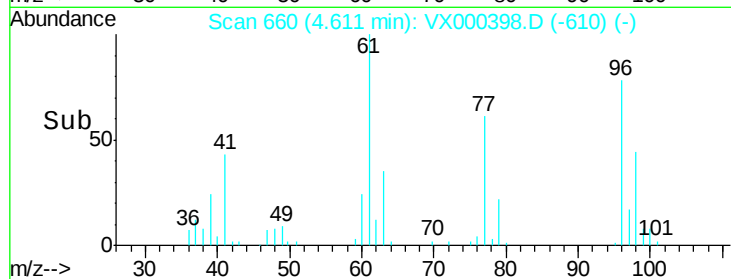
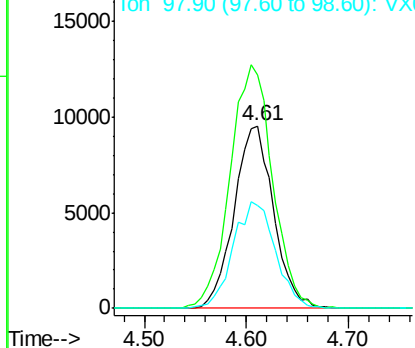
cis-1,2-Dichloroethene
Concen: 19.94 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

Tgt Ion: 96 Resp: 25654
Ion Ratio Lower Upper
96 100
61 143.5 0.0 291.6
98 62.2 0.0 132.0



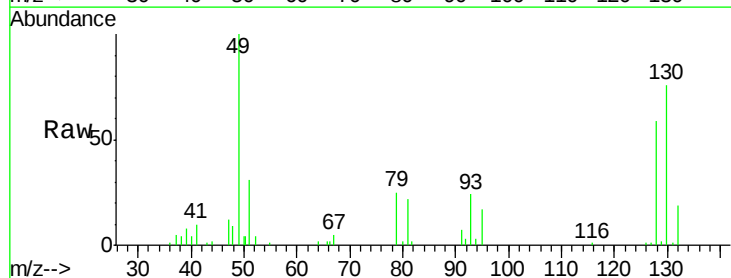
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



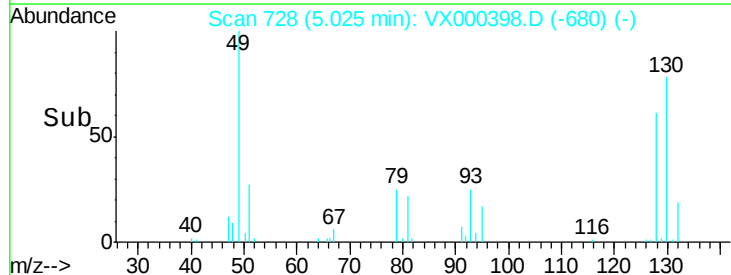
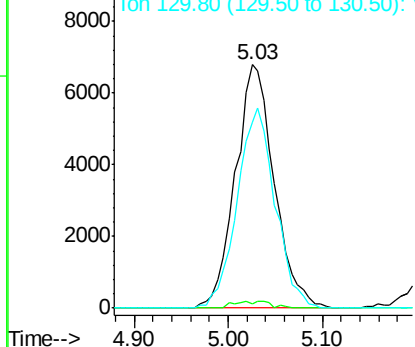
#28

Bromochloromethane
Concen: 19.52 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion: 49 Resp: 19522
Ion Ratio Lower Upper
49 100
129 1.2 0.0 5.0
130 80.7 64.0 96.0



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

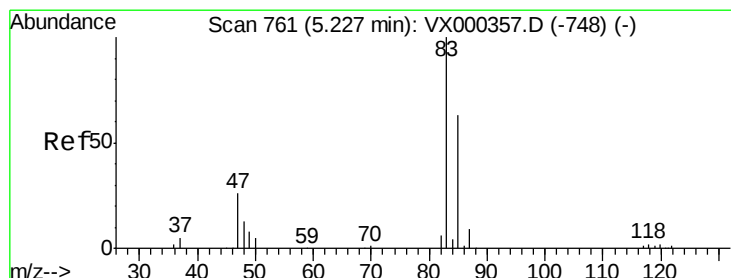
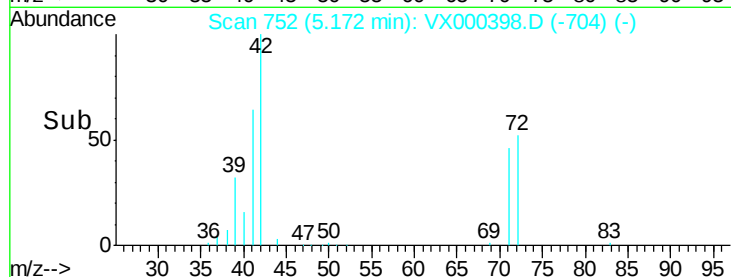
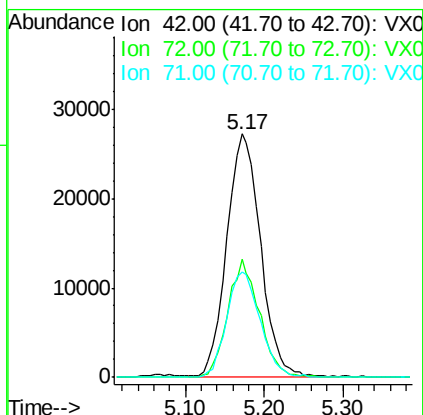
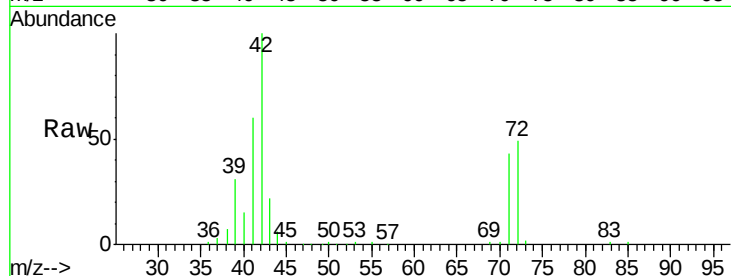




#29
Tetrahydrofuran
Concen: 94.57 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

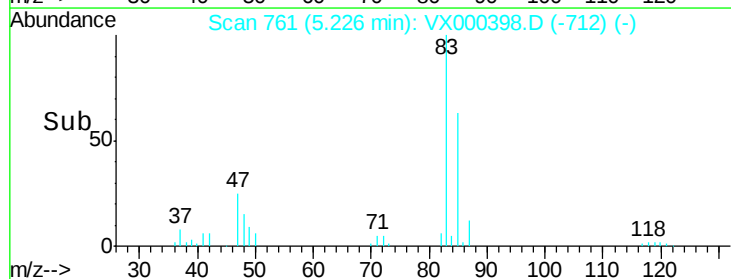
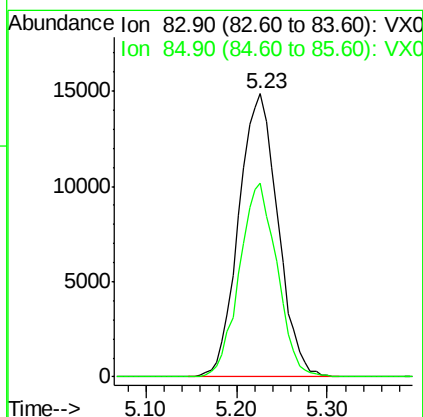
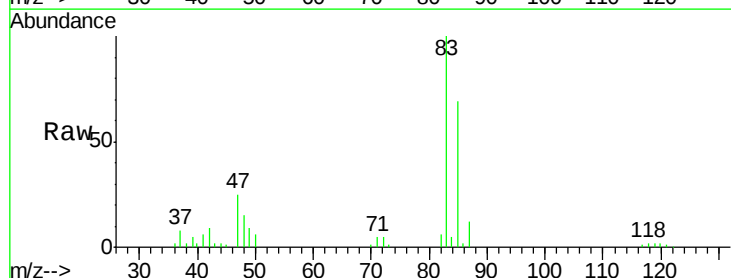
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

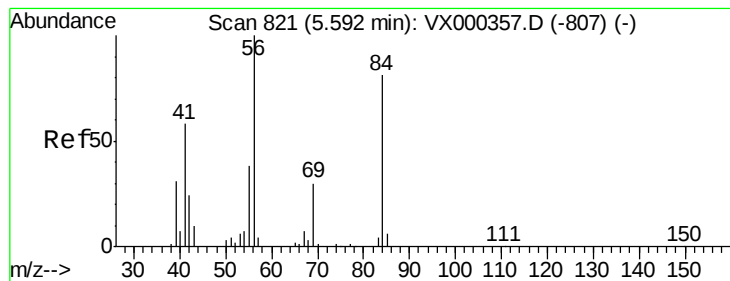
Tgt Ion: 42 Resp: 80857
Ion Ratio Lower Upper
42 100
72 45.6 37.9 56.9
71 43.1 34.4 51.6



#30
Chloroform
Concen: 19.53 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion: 83 Resp: 44404
Ion Ratio Lower Upper
83 100
85 68.5 53.3 79.9





#31

Cyclohexane

Concen: 18.57 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0322WBS01

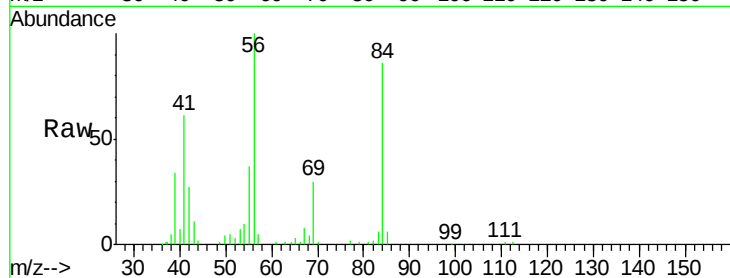
Tgt Ion: 56 Resp: 34810

Ion Ratio Lower Upper

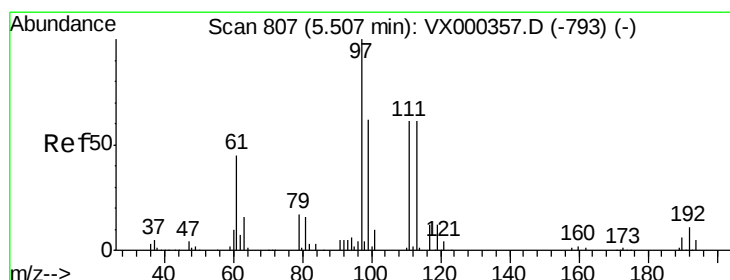
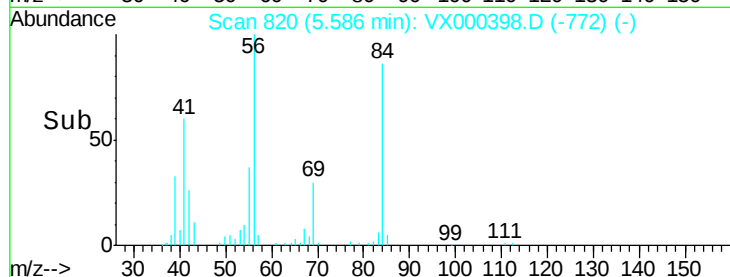
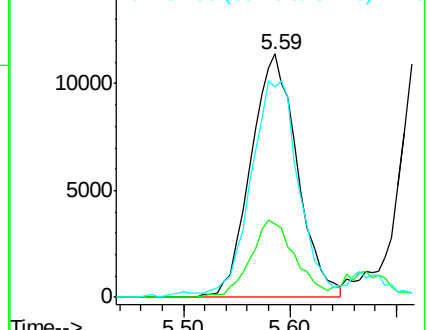
56 100

69 30.0 23.4 35.0

84 84.2 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: 19.12 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

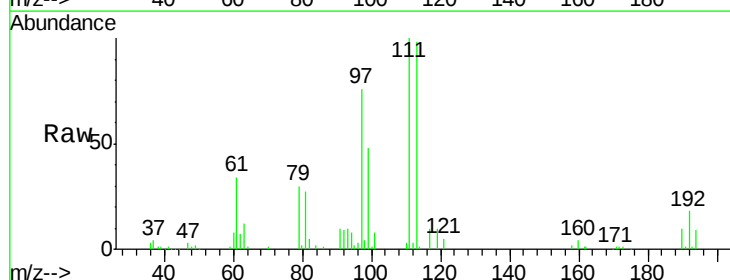
Tgt Ion: 97 Resp: 39216

Ion Ratio Lower Upper

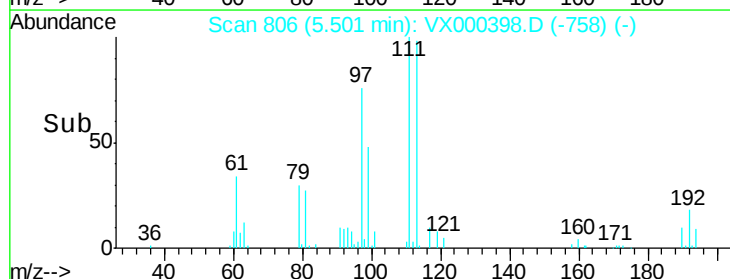
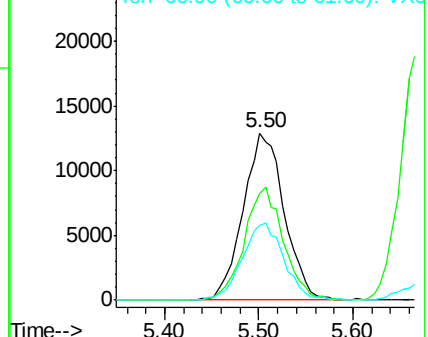
97 100

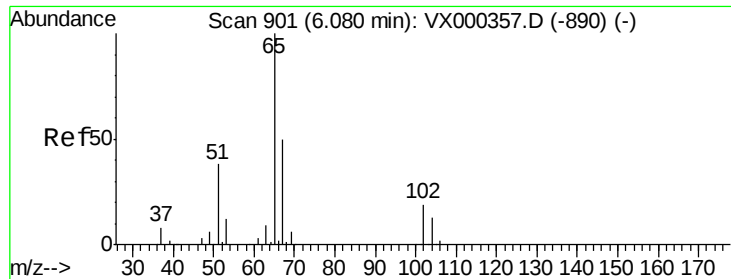
99 64.5 52.1 78.1

61 46.7 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: 49.21 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

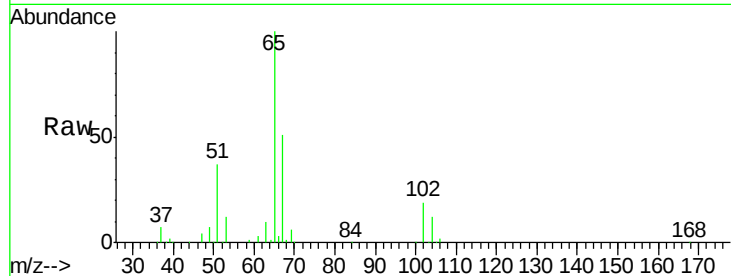
VX0322WBS01

Tgt Ion: 65 Resp: 73133

Ion Ratio Lower Upper

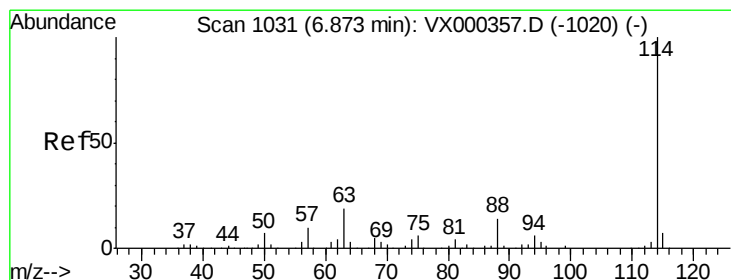
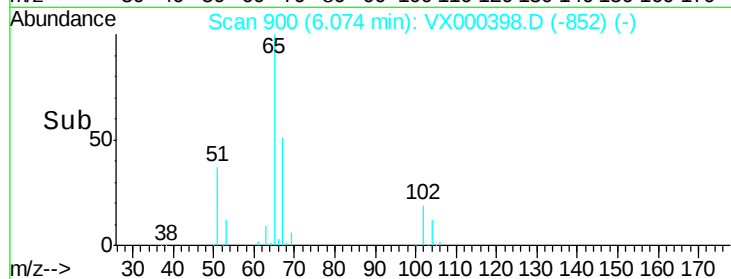
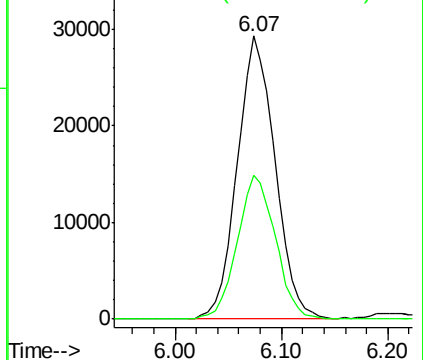
65 100

67 51.3 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

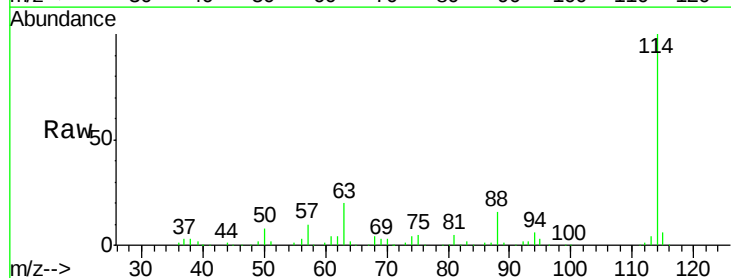
Tgt Ion: 114 Resp: 180255

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

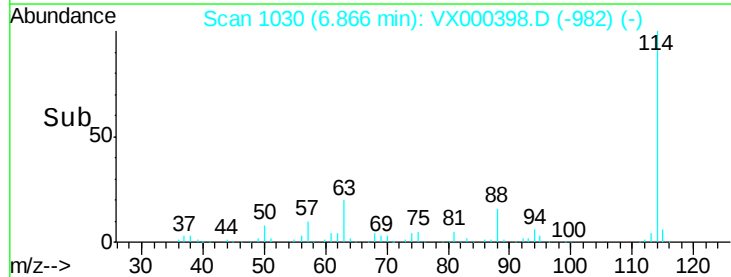
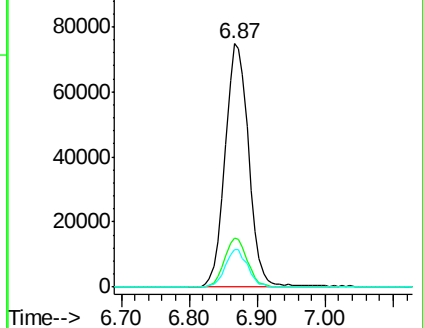
88 15.5 0.0 27.0

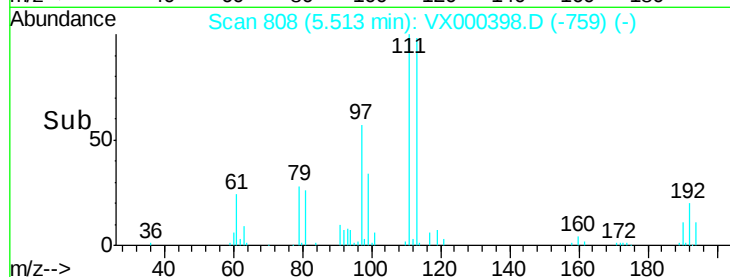
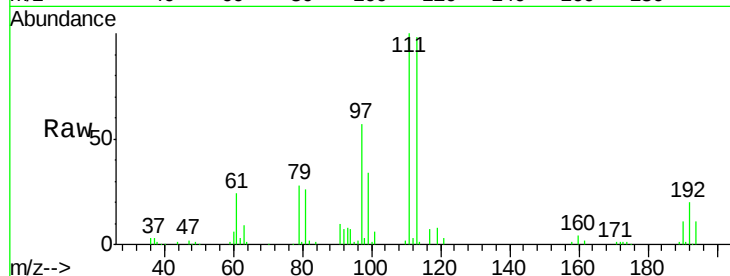
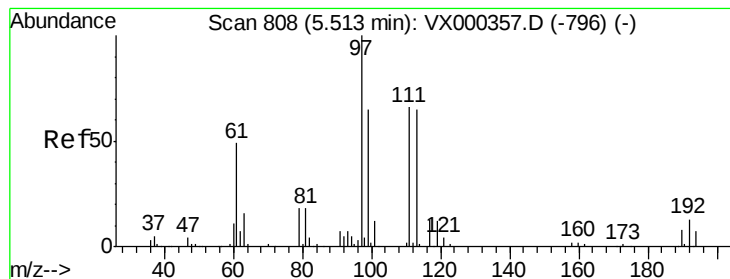


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.47 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0322WBS01

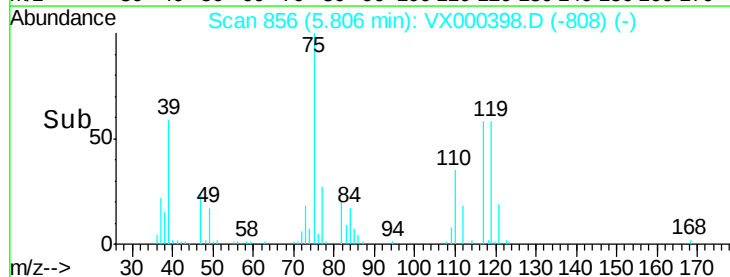
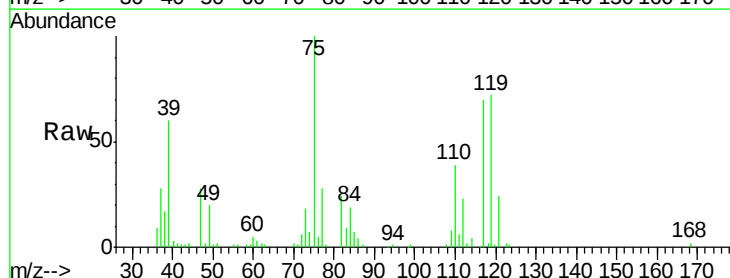
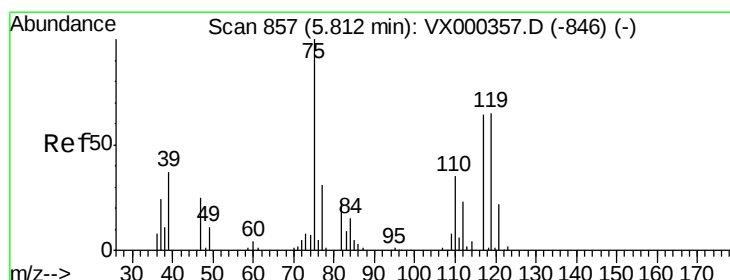
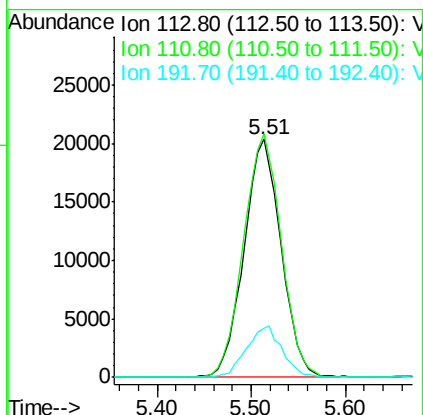
Tgt Ion:113 Resp: 56187

Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

192 20.8 15.8 23.6



#36

1,1-Dichloropropene

Concen: 18.61 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

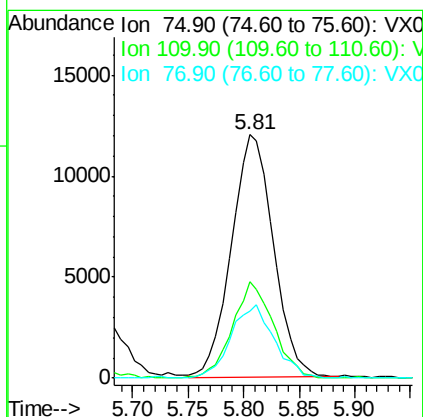
Tgt Ion: 75 Resp: 31429

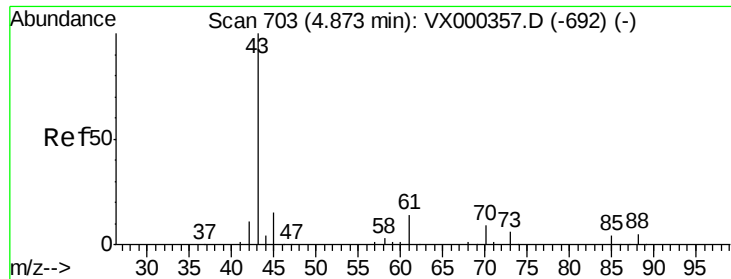
Ion Ratio Lower Upper

75 100

110 38.8 17.9 53.7

77 31.1 24.0 36.0

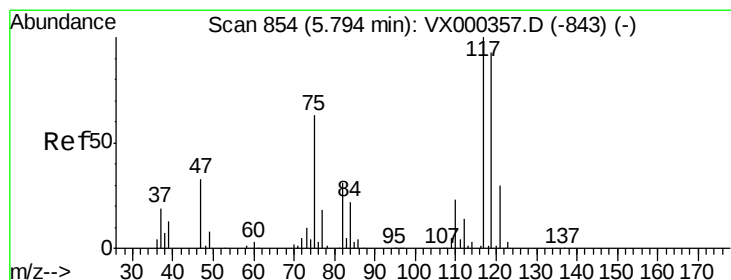
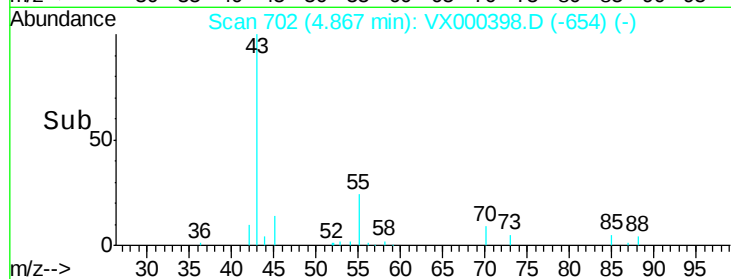
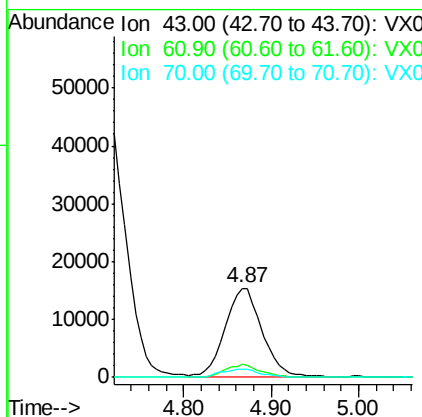
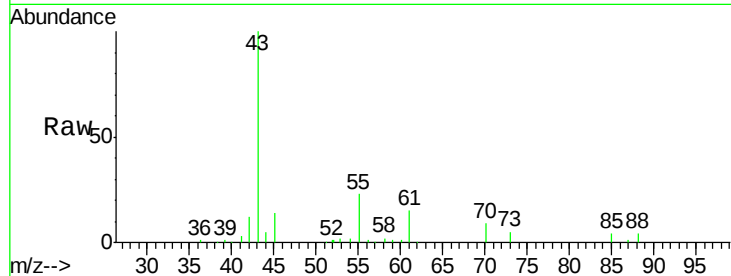




#37
 Ethyl Acetate
 Concen: 19.56 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

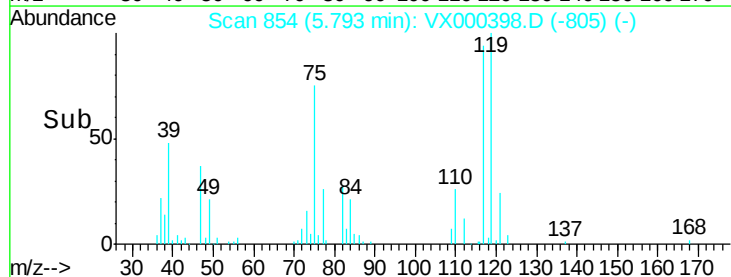
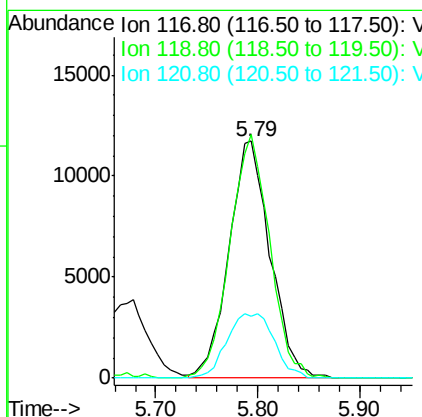
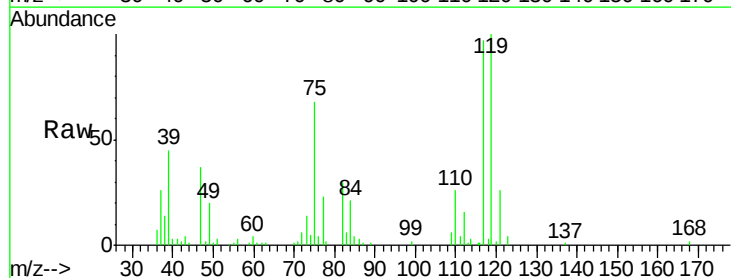
Instrument :
 MSVOA_X
 ClientSampled :
 VX0322WBS01

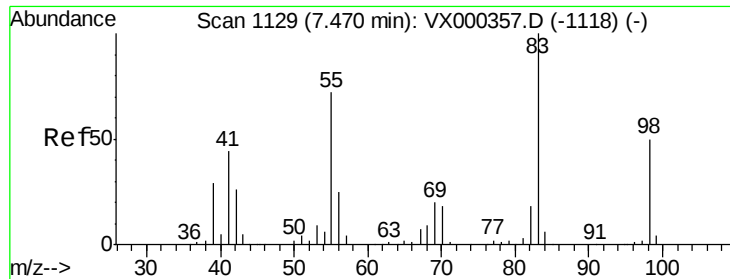
Tgt Ion:	43	Resp:	45120
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	9.6	7.7	11.5



#38
 Carbon Tetrachloride
 Concen: 18.55 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion:	117	Resp:	32850
Ion	Ratio	Lower	Upper
117	100		
119	102.8	77.4	116.2
121	26.3	24.8	37.2

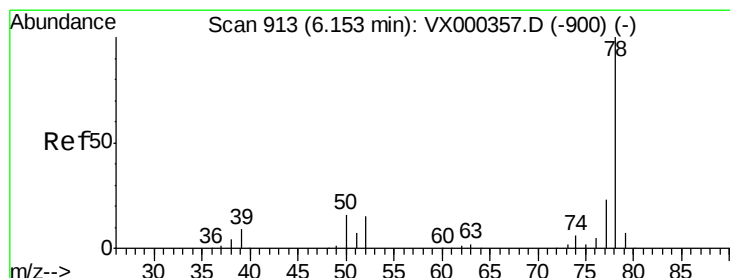
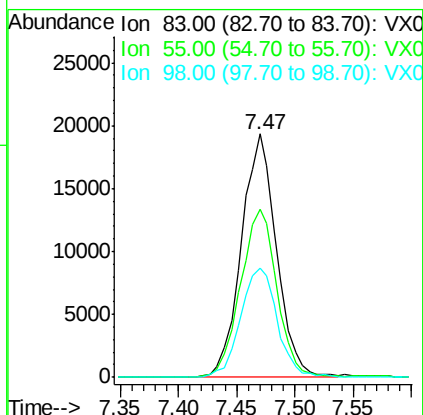
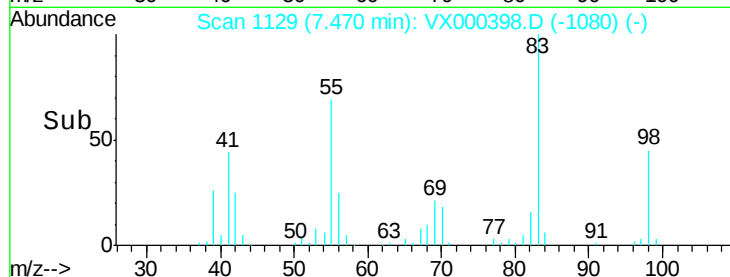
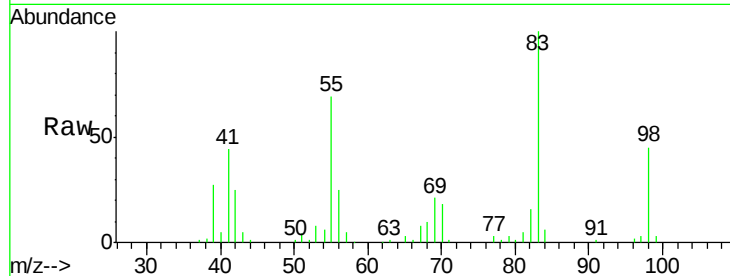




#39
Methylcyclohexane
Concen: 19.79 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

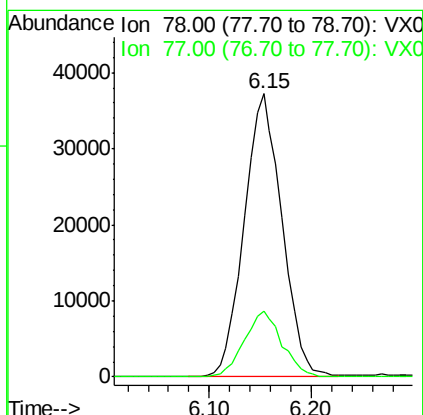
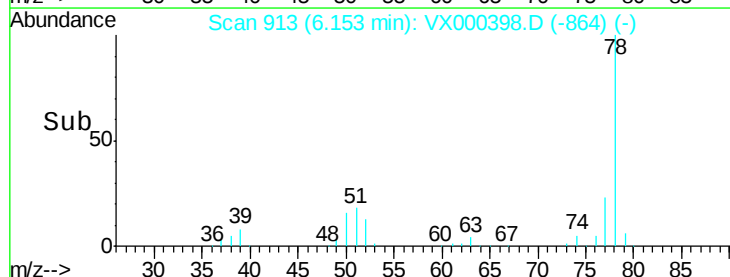
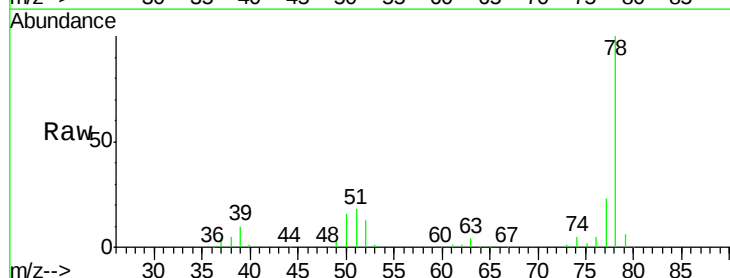
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

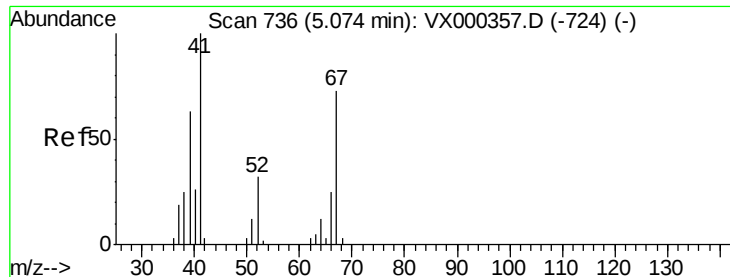
Tgt Ion: 83 Resp: 40629
Ion Ratio Lower Upper
83 100
55 69.3 55.5 83.3
98 44.6 38.2 57.4



#40
Benzene
Concen: 19.59 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion: 78 Resp: 96065
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1





#41

Methacrylonitrile

Concen: 18.58 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0322WBS01

Tgt Ion: 41 Resp: 22595

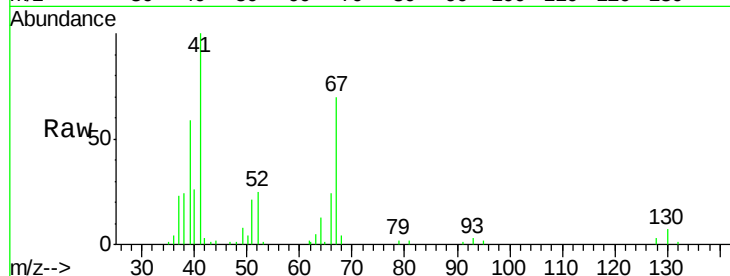
Ion Ratio Lower Upper

41 100

39 58.7 45.7 68.5

67 75.9 57.8 86.8

52 32.9 26.7 40.1

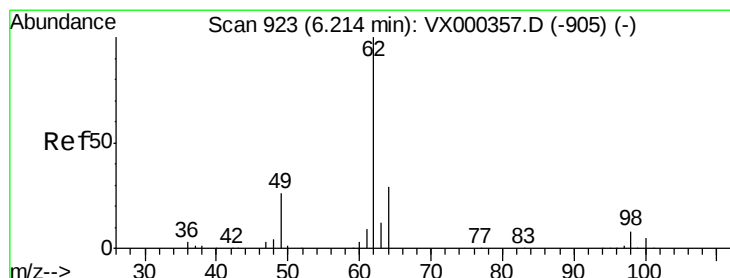
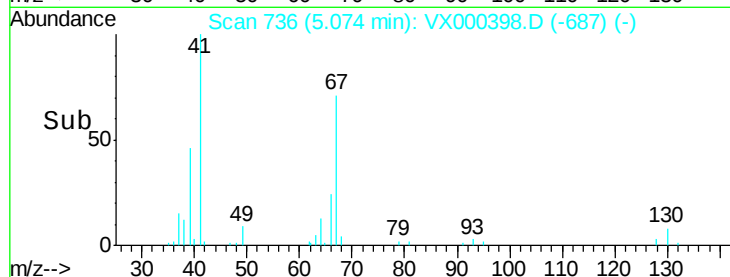
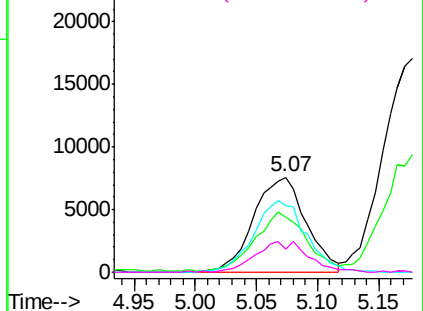


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.89 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000398.D

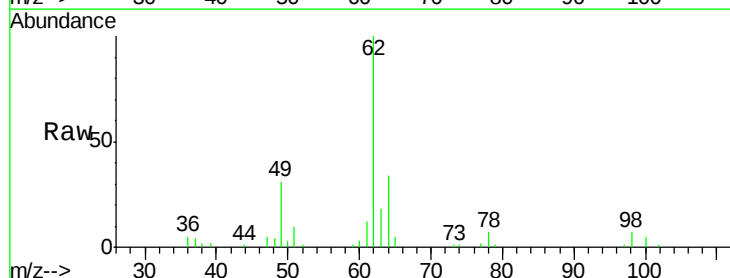
Acq: 22 Mar 2018 11:50

Tgt Ion: 62 Resp: 38273

Ion Ratio Lower Upper

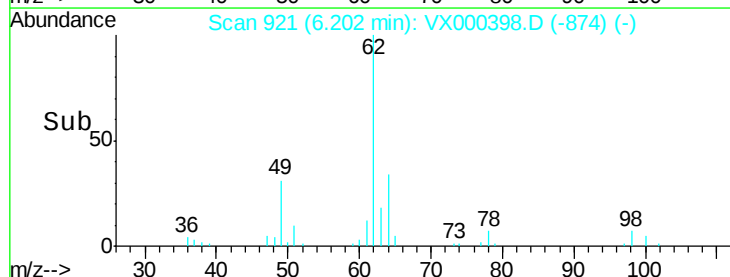
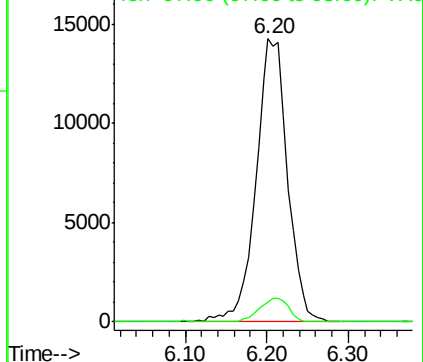
62 100

98 7.7 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: 19.26 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

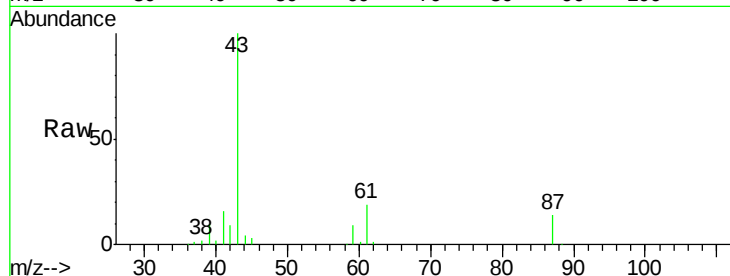
Tgt Ion: 43 Resp: 66129

Ion Ratio Lower Upper

43 100

61 17.5 14.4 21.6

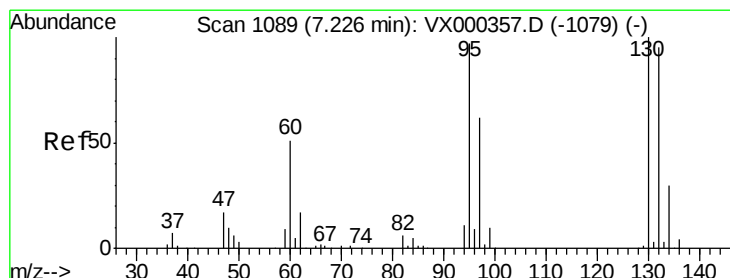
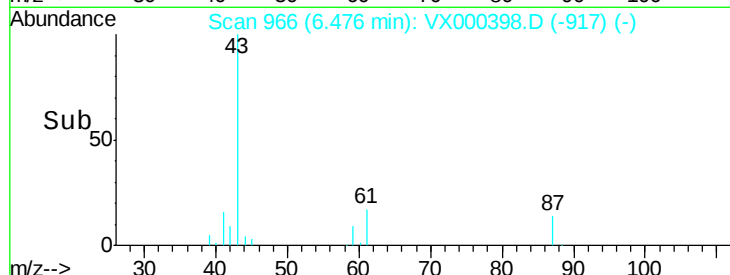
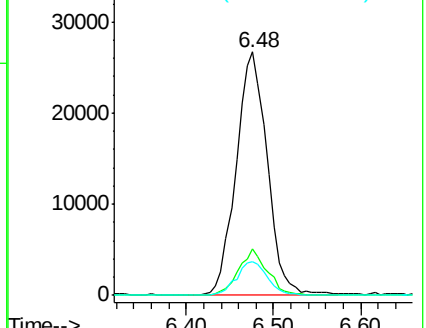
87 13.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.84 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000398.D

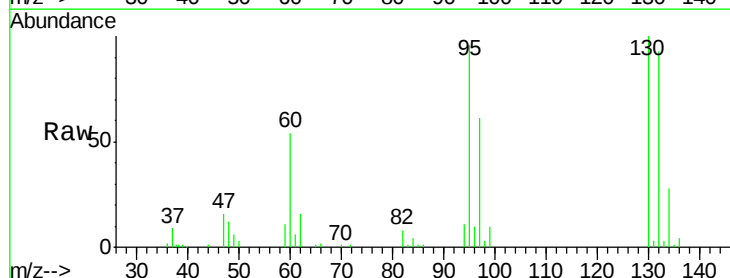
Acq: 22 Mar 2018 11:50

Tgt Ion: 130 Resp: 27872

Ion Ratio Lower Upper

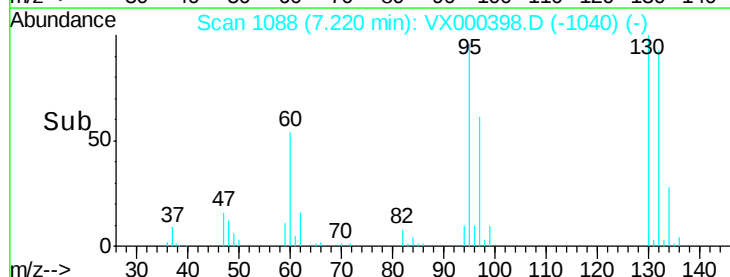
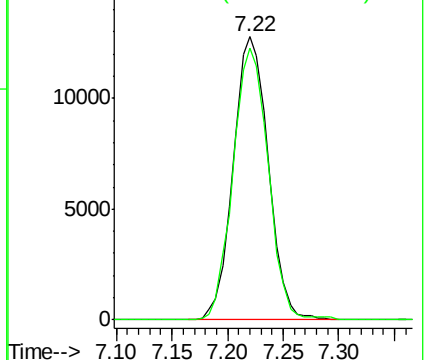
130 100

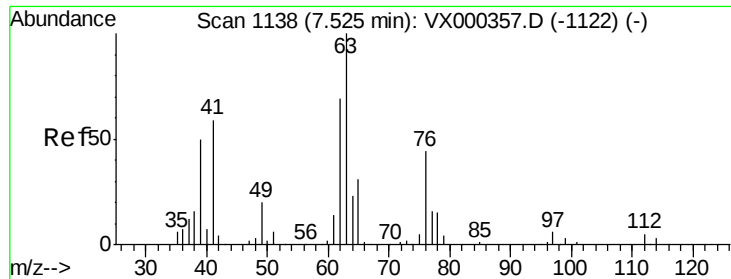
95 96.2 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

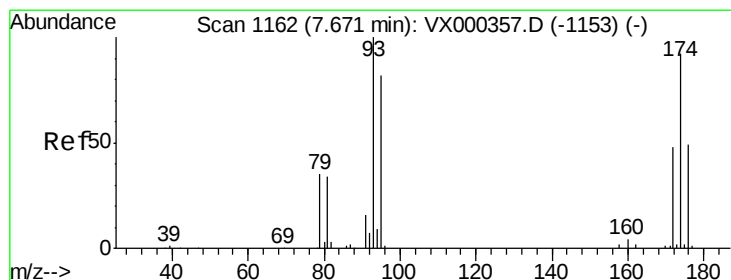
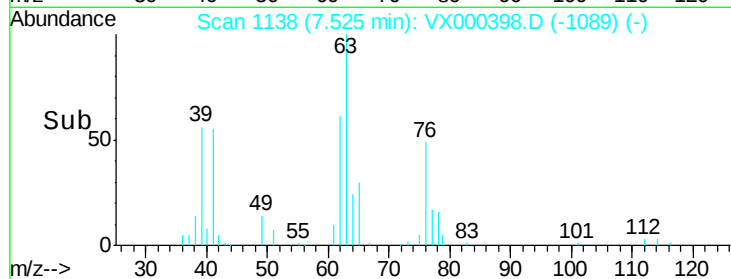
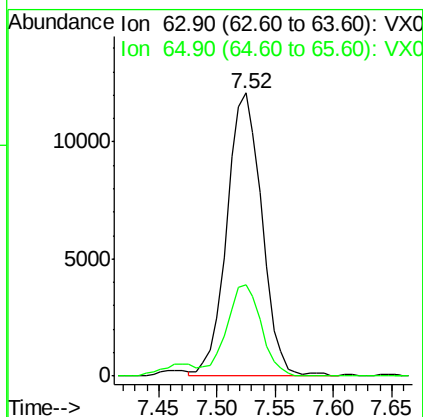
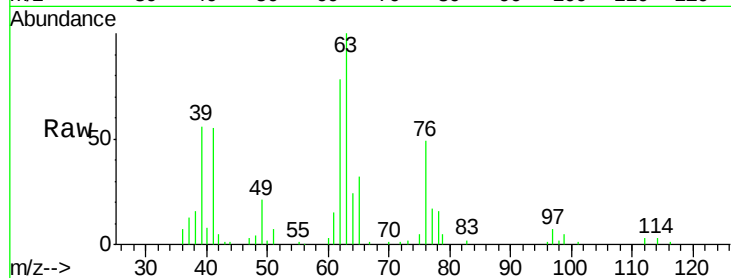




#45
 1,2-Dichloropropane
 Concen: 20.13 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

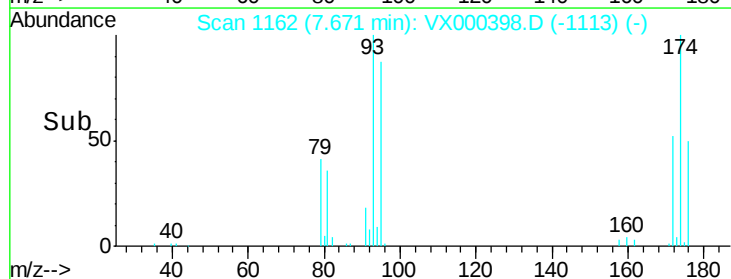
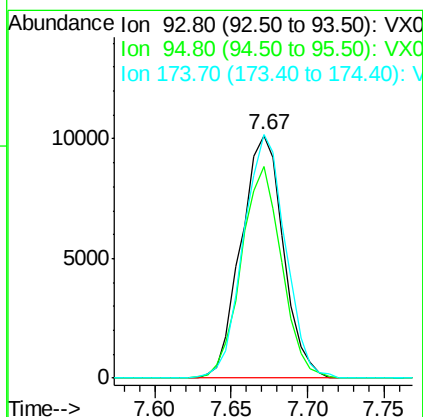
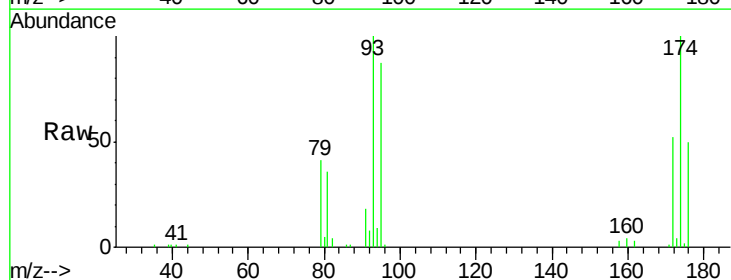
Instrument :
 MSVOA_X
 ClientSampled :
 VX0322WBS01

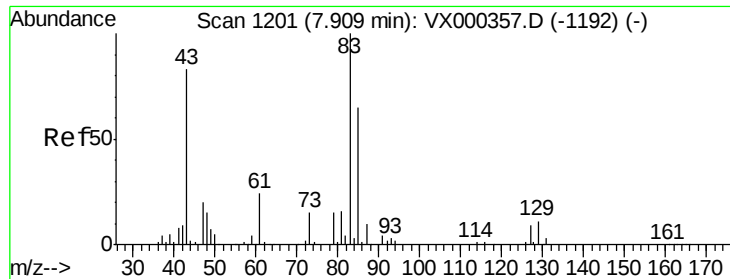
Tgt Ion: 63 Resp: 25269
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.6 36.8



#46
 Dibromomethane
 Concen: 19.76 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion: 93 Resp: 19465
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.5 99.7
 174 99.7 76.0 114.0





#47

Bromodichloromethane

Concen: 20.12 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

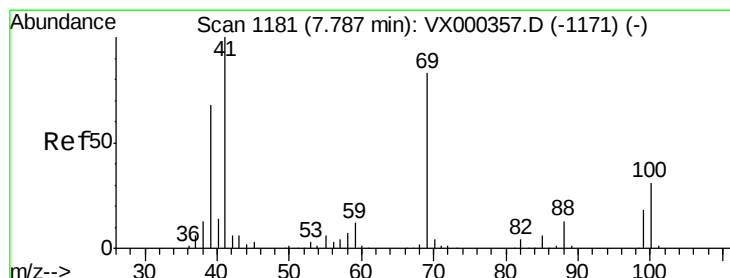
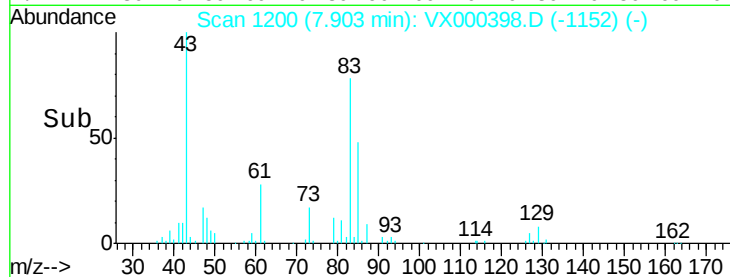
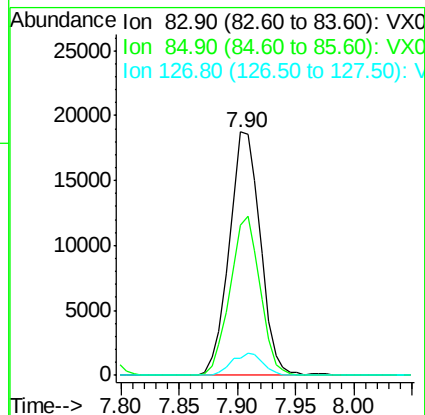
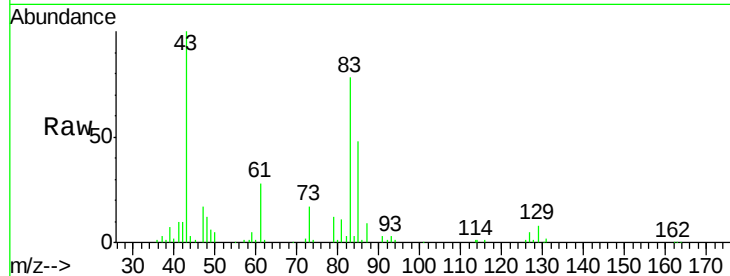
Tgt Ion: 83 Resp: 34877

Ion Ratio Lower Upper

83 100

85 61.8 51.4 77.0

127 6.9 7.0 10.6#



#48

Methyl methacrylate

Concen: 19.48 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

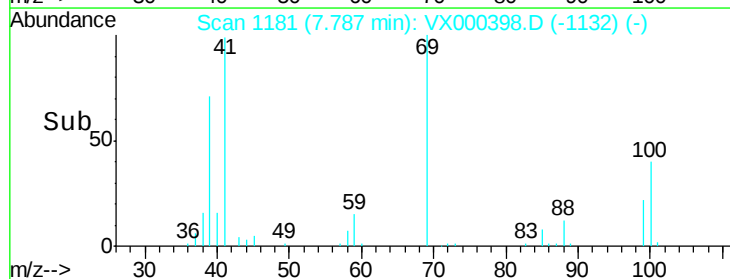
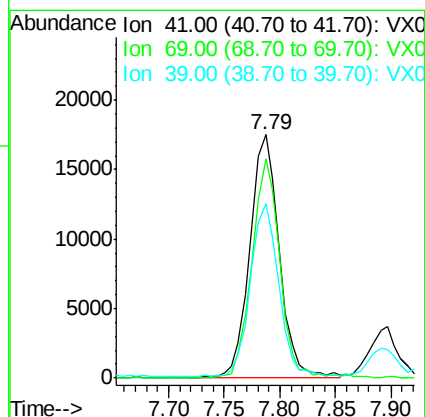
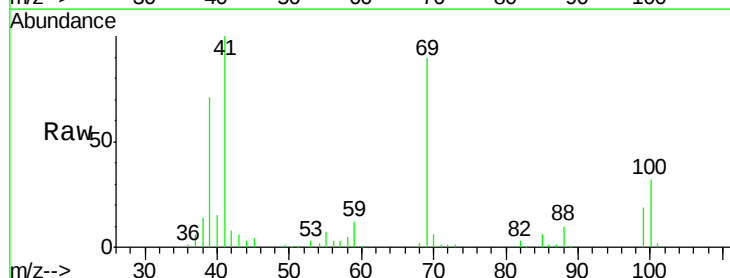
Tgt Ion: 41 Resp: 32471

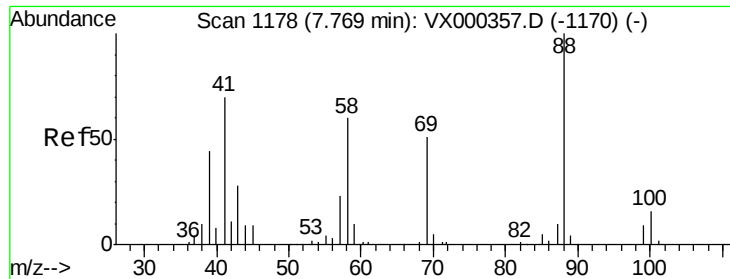
Ion Ratio Lower Upper

41 100

69 84.8 68.2 102.4

39 68.5 54.6 81.8

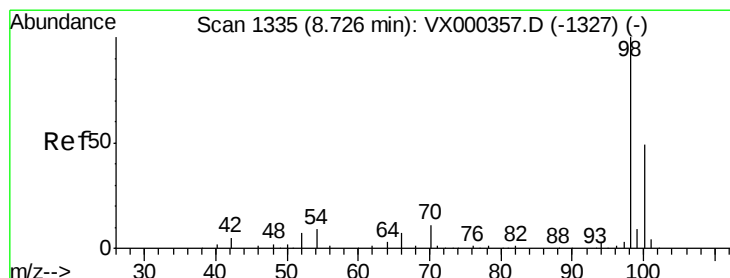
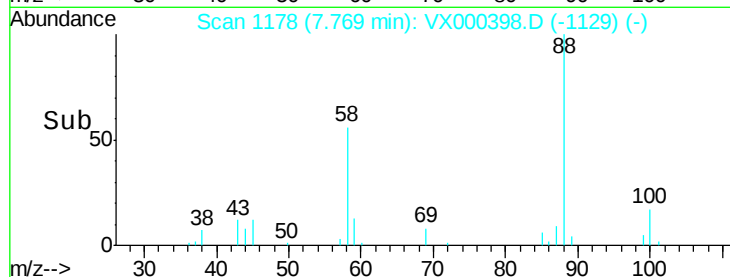
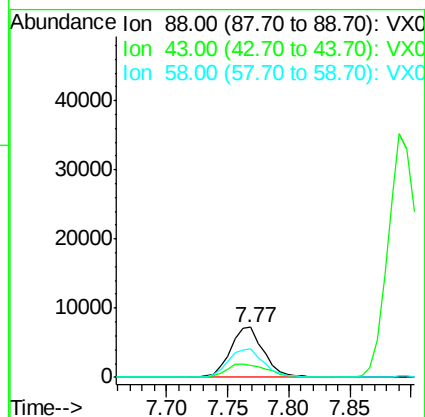
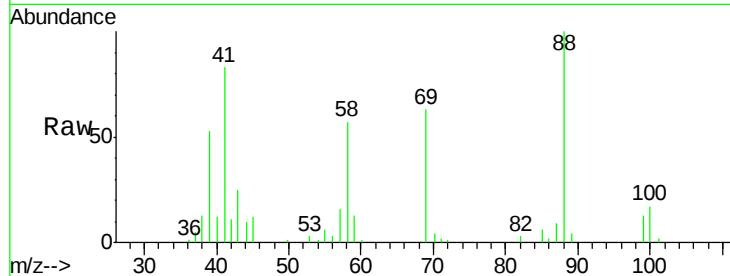




#49
1,4-Dioxane
Concen: 389.92 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

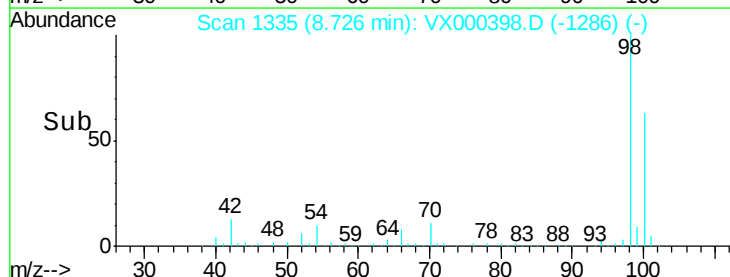
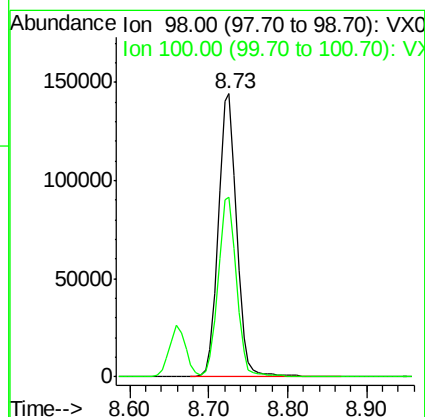
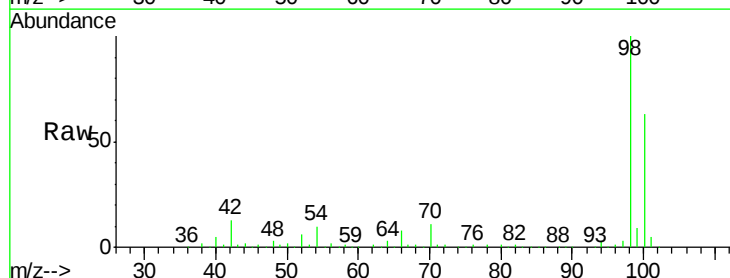
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

Tgt Ion: 88 Resp: 13661
Ion Ratio Lower Upper
88 100
43 33.6 26.8 40.2
58 59.7 52.2 78.2



#50
Toluene-d8
Concen: 49.82 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion: 98 Resp: 234330
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 100.46 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

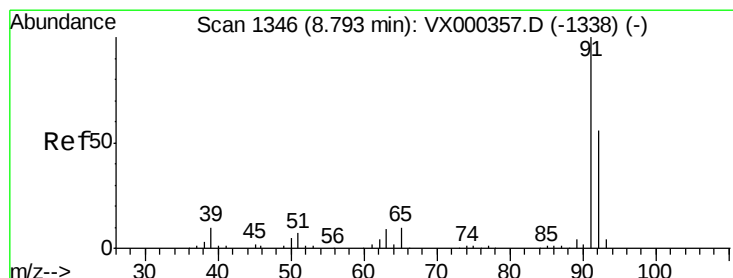
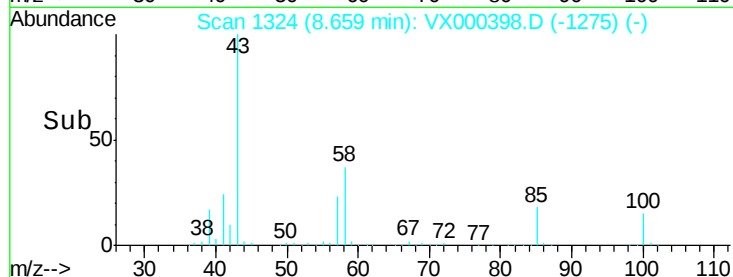
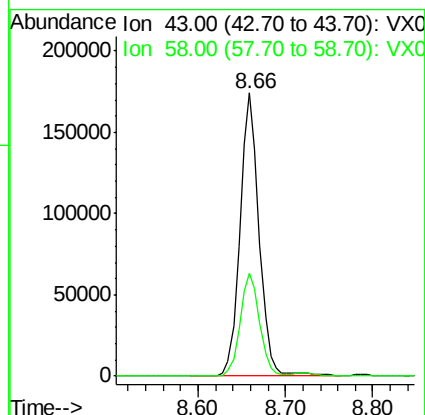
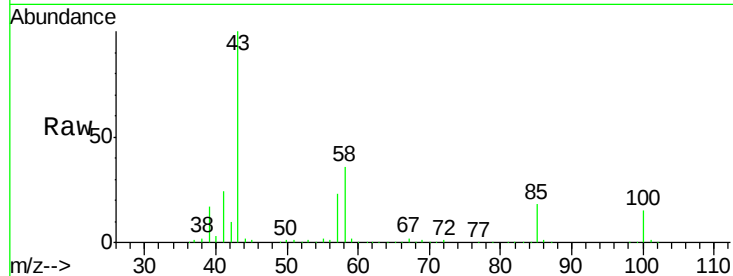
VX0322WBS01

Tgt Ion: 43 Resp: 266953

Ion Ratio Lower Upper

43 100

58 36.6 30.3 45.5



#52

Toluene

Concen: 19.80 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000398.D

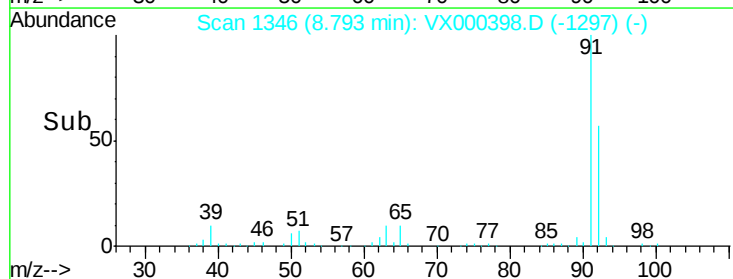
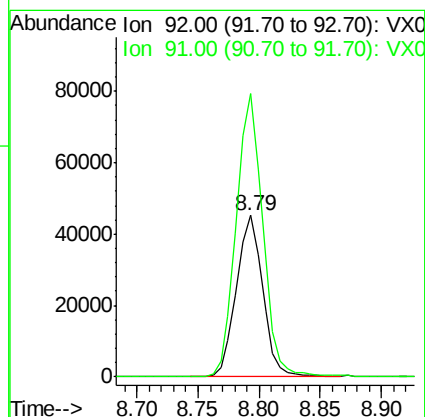
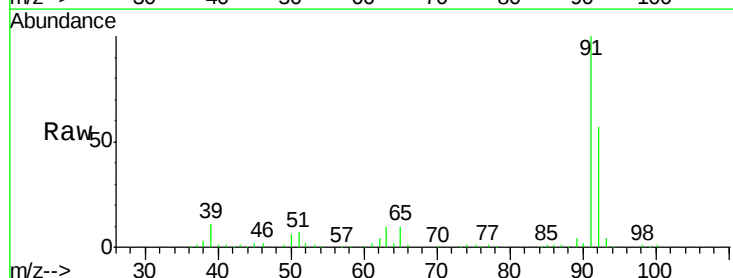
Acq: 22 Mar 2018 11:50

Tgt Ion: 92 Resp: 67868

Ion Ratio Lower Upper

92 100

91 176.0 140.2 210.2

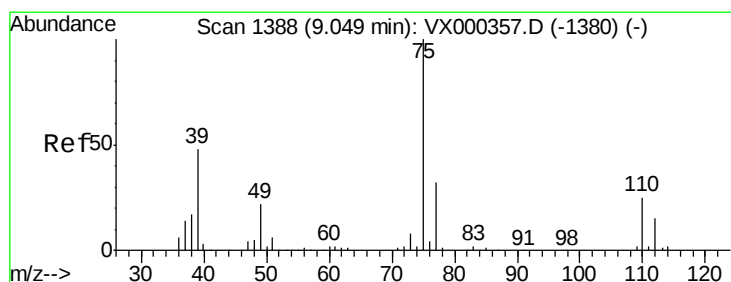
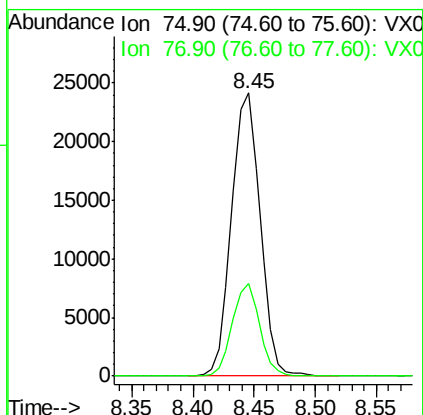
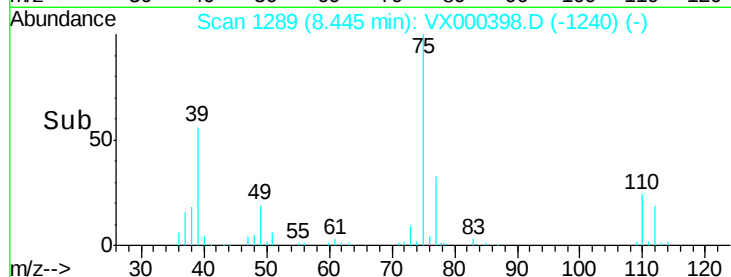
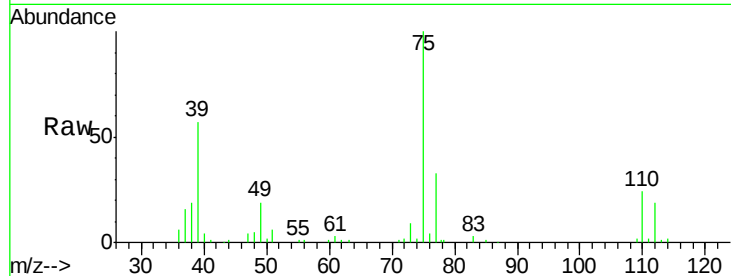




#53
t-1,3-Dichloropropene
Concen: 19.48 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

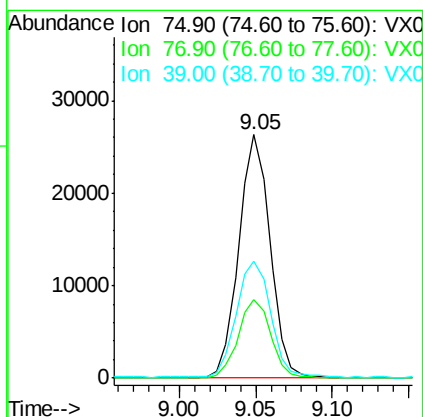
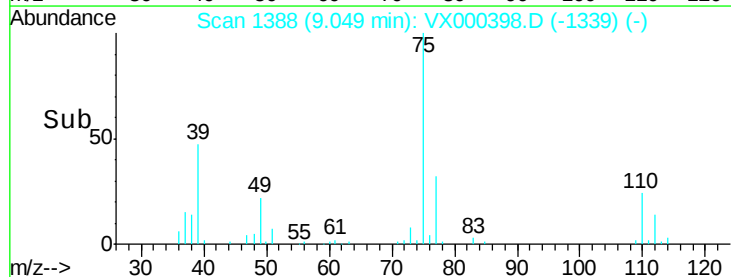
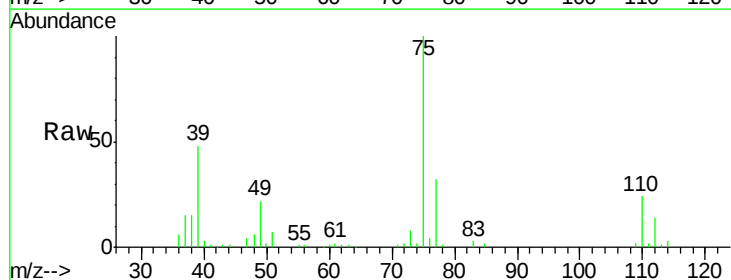
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

Tgt Ion: 75 Resp: 39126
Ion Ratio Lower Upper
75 100
77 32.6 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 19.16 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion: 75 Resp: 37328
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 47.6 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 19.56 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0322WBS01

Tgt Ion: 97 Resp: 27576

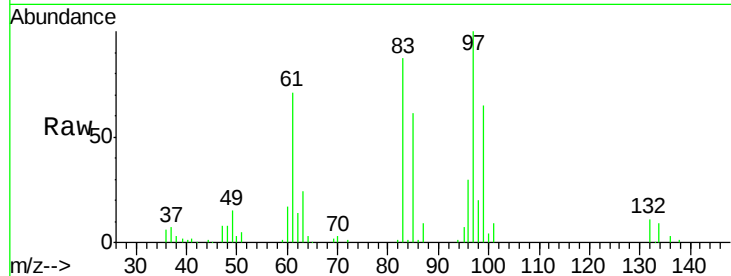
Ion Ratio Lower Upper

97 100

83 87.1 67.9 101.9

85 61.4 42.8 64.2

99 64.5 49.4 74.2

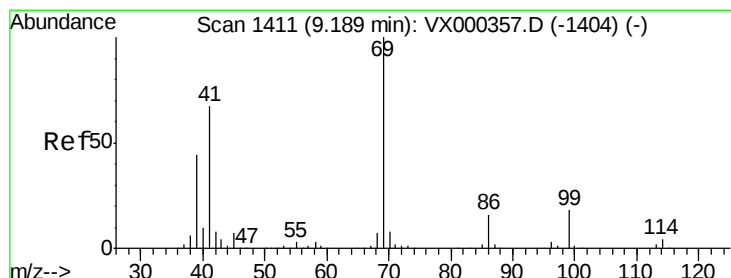
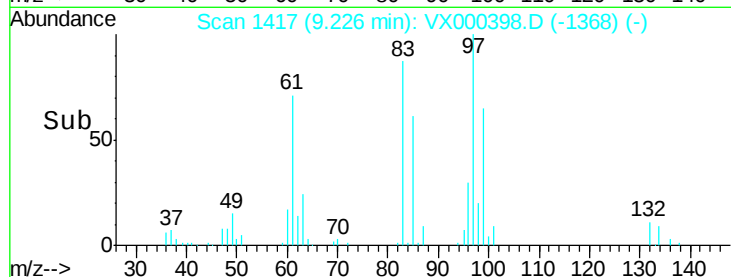
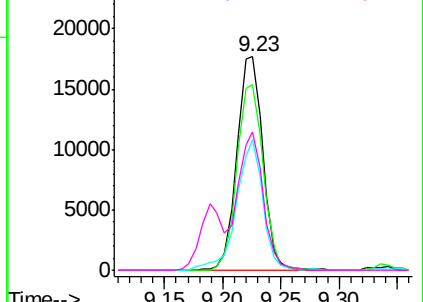


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.29 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

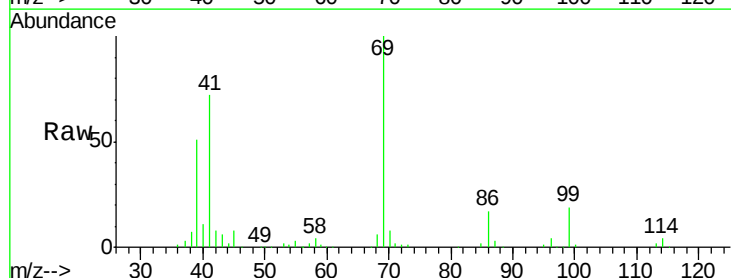
Tgt Ion: 69 Resp: 41215

Ion Ratio Lower Upper

69 100

41 67.9 53.0 79.6

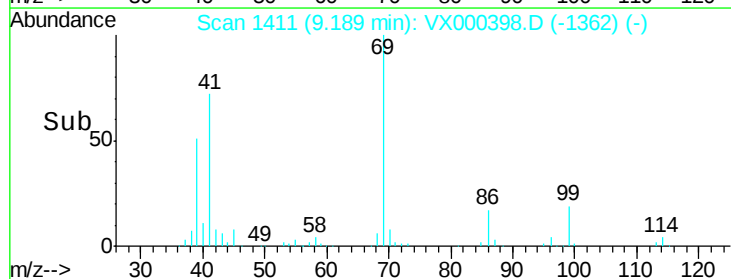
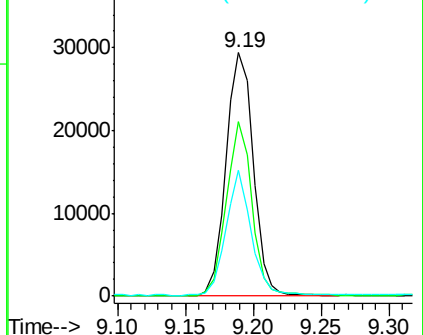
39 47.1 35.3 52.9

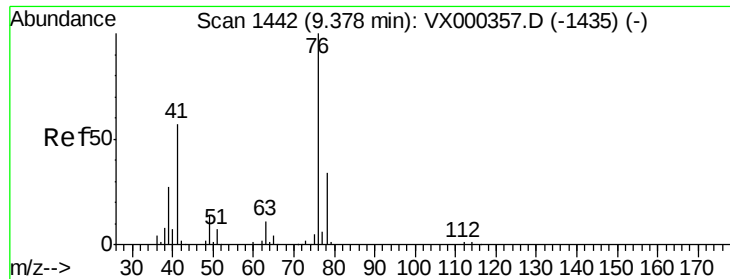


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

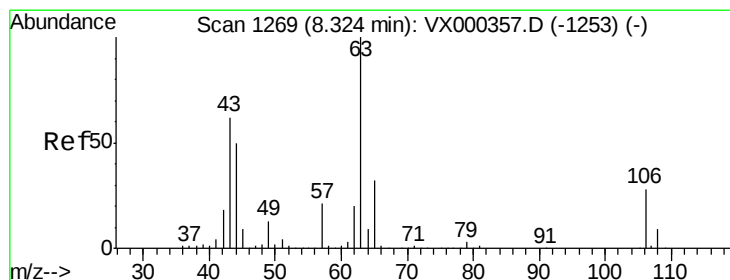
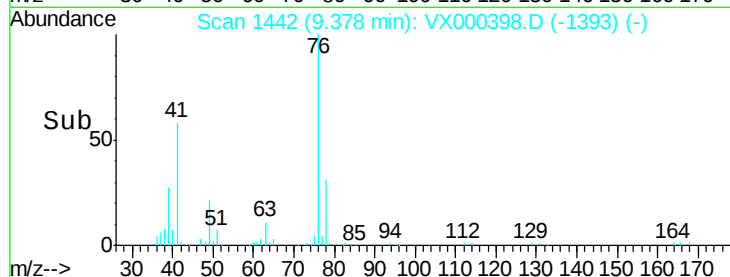
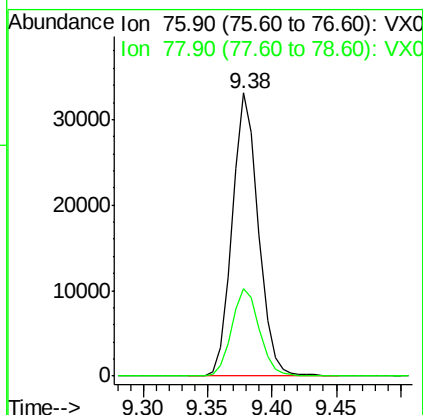
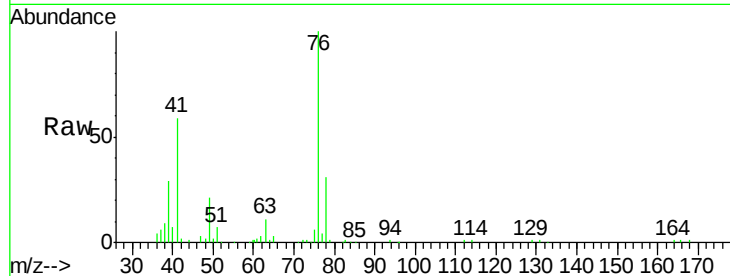




#57
 1,3-Dichloropropane
 Concen: 20.83 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

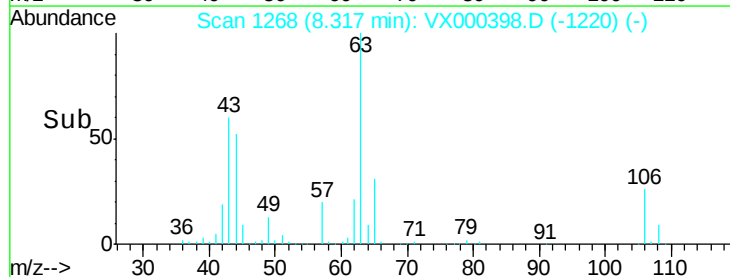
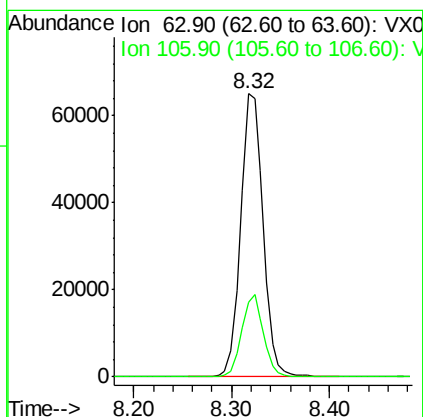
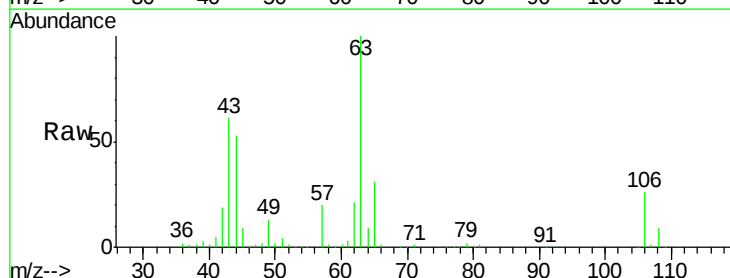
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

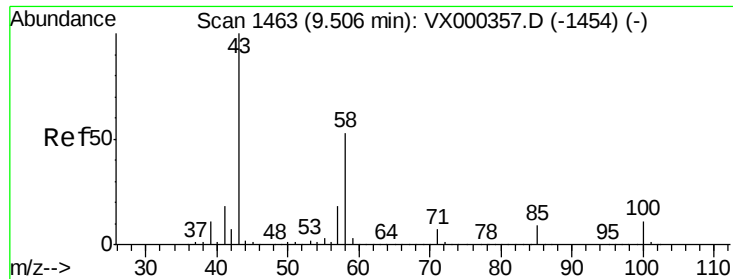
Tgt Ion: 76 Resp: 46970
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.96 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion: 63 Resp: 103506
 Ion Ratio Lower Upper
 63 100
 106 28.1 23.2 34.8

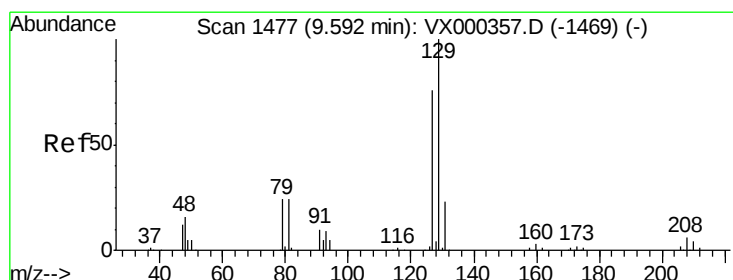
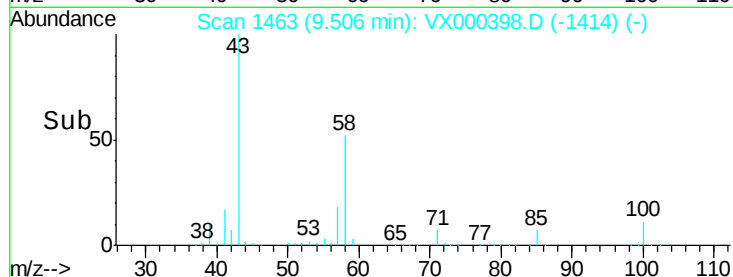
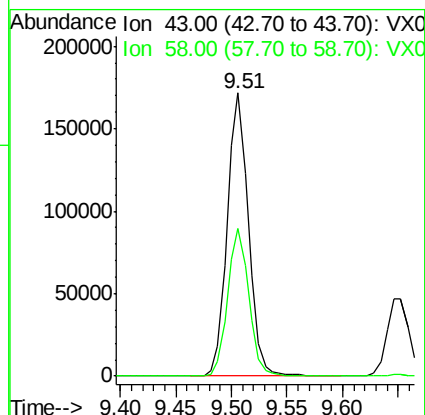
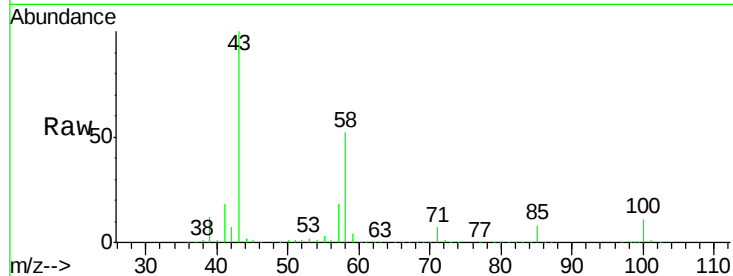




#59
2-Hexanone
Concen: 100.68 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

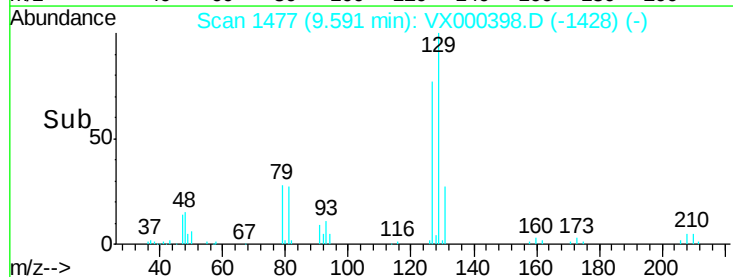
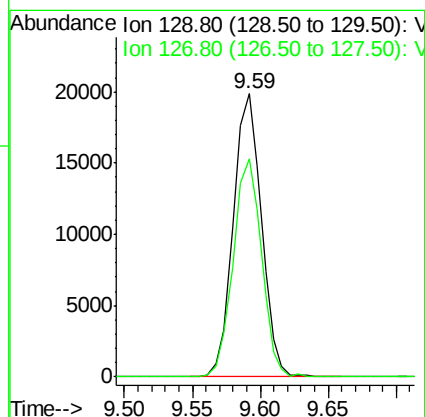
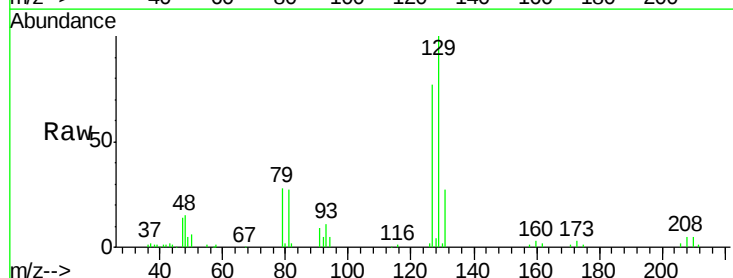
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

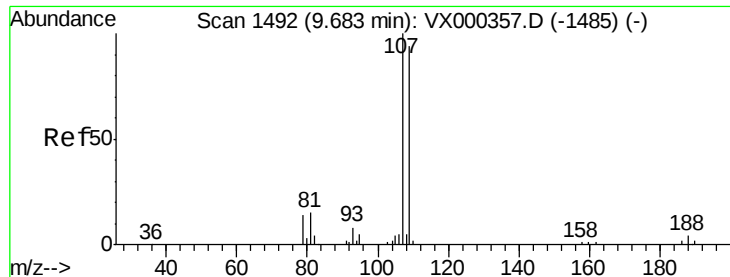
Tgt Ion: 43 Resp: 227178
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7



#60
Dibromochloromethane
Concen: 19.89 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion: 129 Resp: 28673
Ion Ratio Lower Upper
129 100
127 77.4 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.19 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

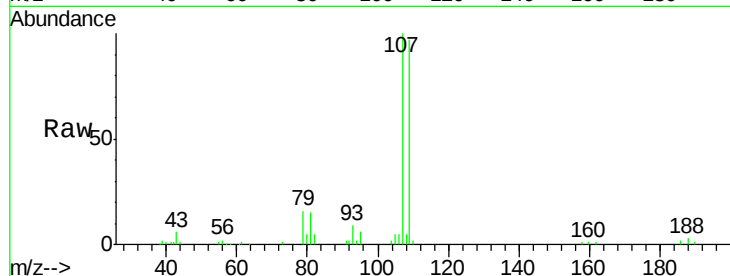
VX0322WBS01

Tgt Ion: 107 Resp: 30514

Ion Ratio Lower Upper

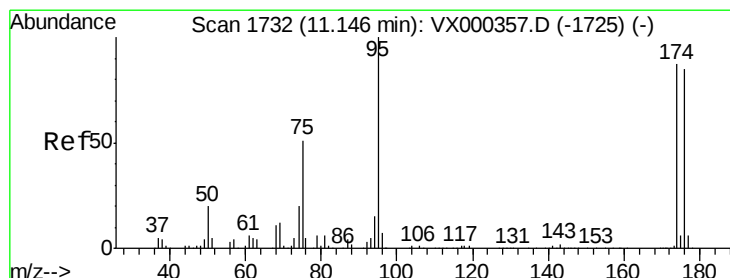
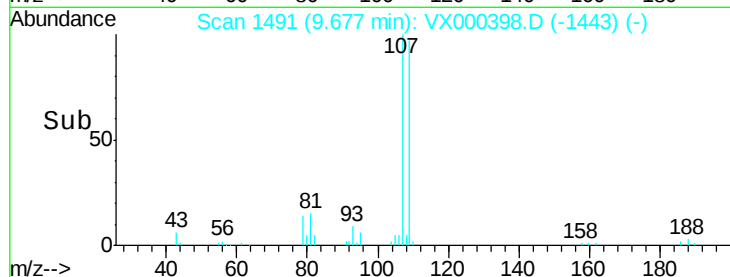
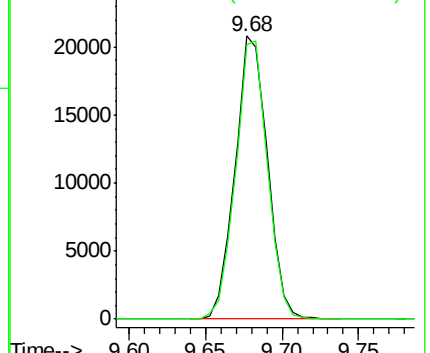
107 100

109 96.4 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.31 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

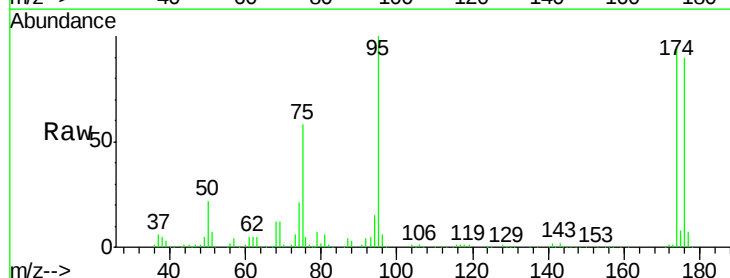
Tgt Ion: 95 Resp: 86477

Ion Ratio Lower Upper

95 100

174 91.6 0.0 173.6

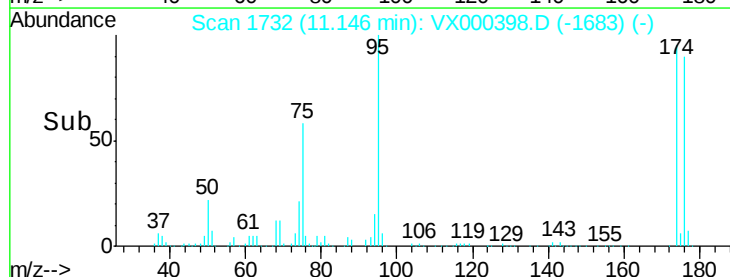
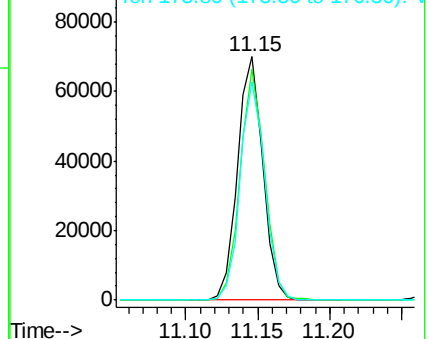
176 87.2 0.0 164.6

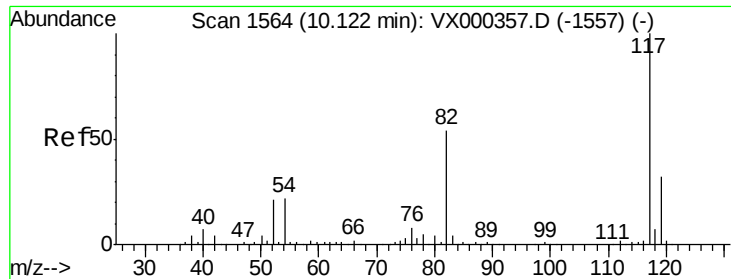


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

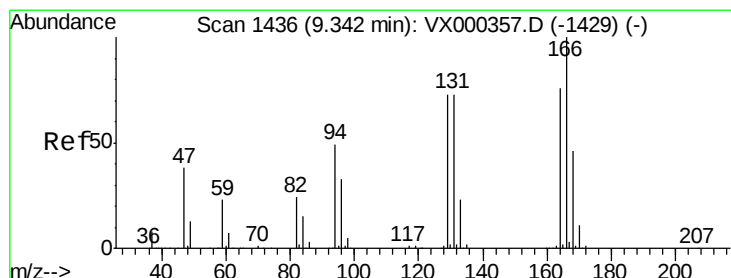
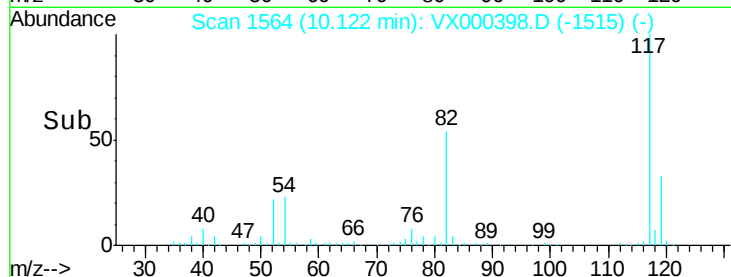
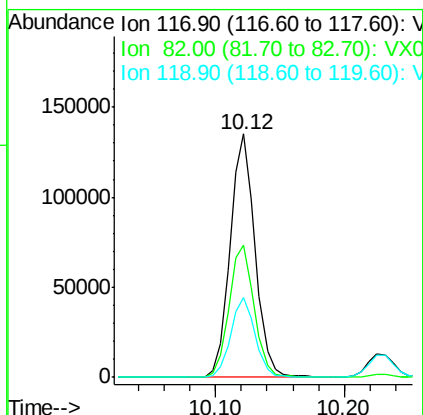
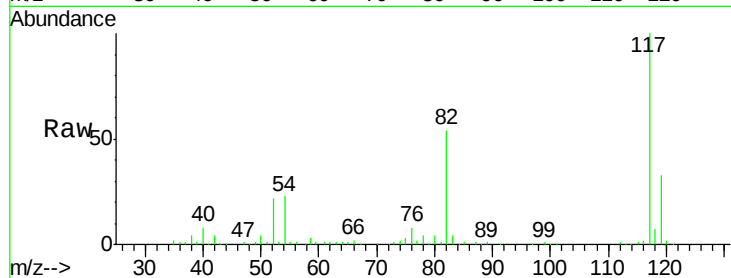




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

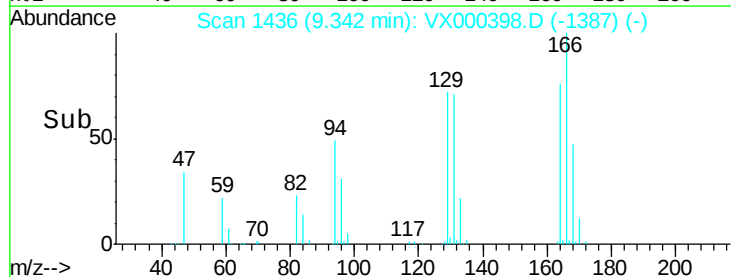
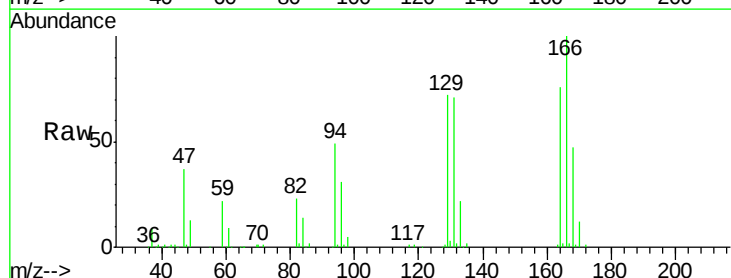
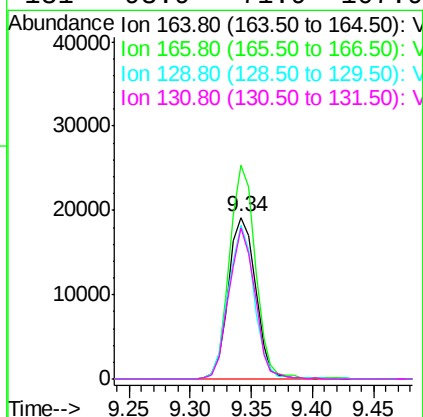
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

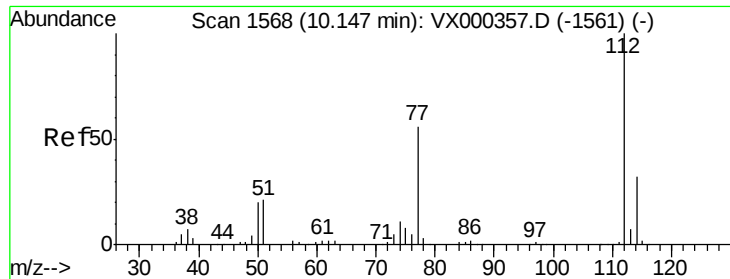
Tgt Ion:117 Resp: 182533
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 32.9 24.9 37.3



#64
Tetrachloroethene
Concen: 20.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion:164 Resp: 29530
Ion Ratio Lower Upper
164 100
166 132.3 101.0 151.6
129 95.1 79.0 118.4
131 93.9 71.9 107.9

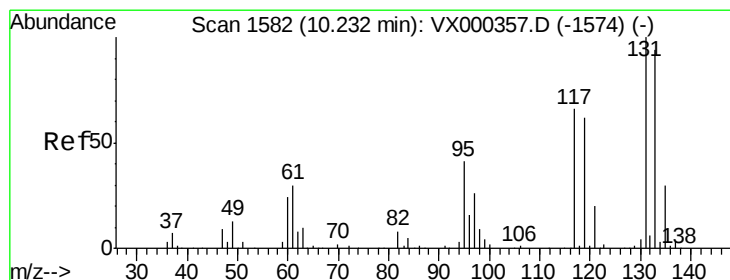
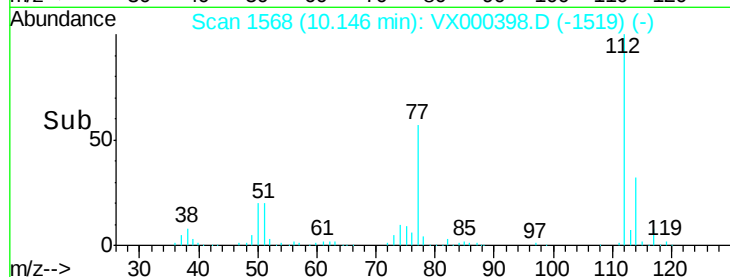
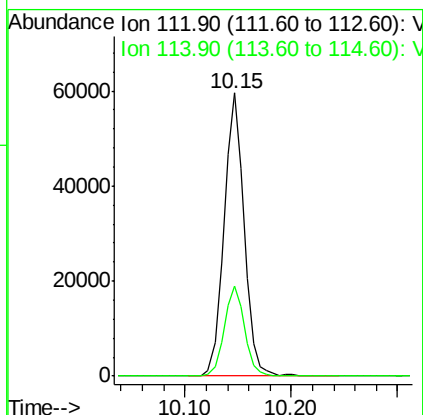
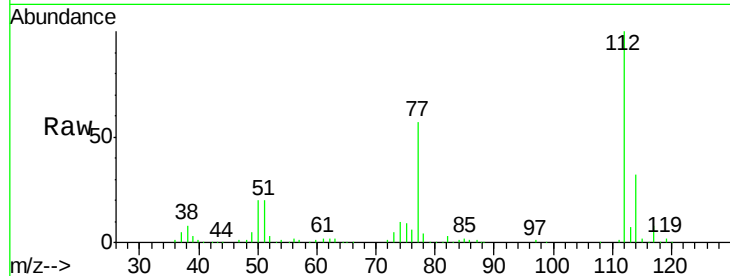




#65
Chlorobenzene
Concen: 19.32 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

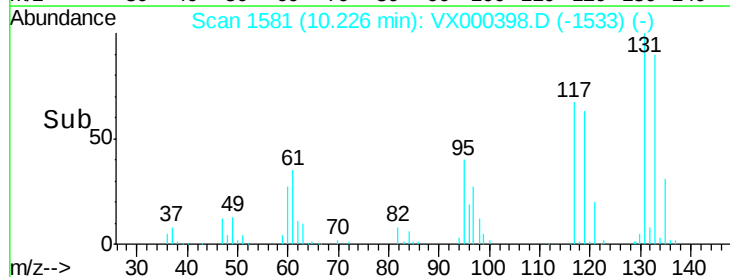
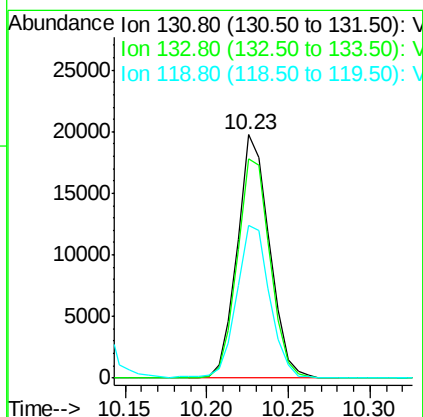
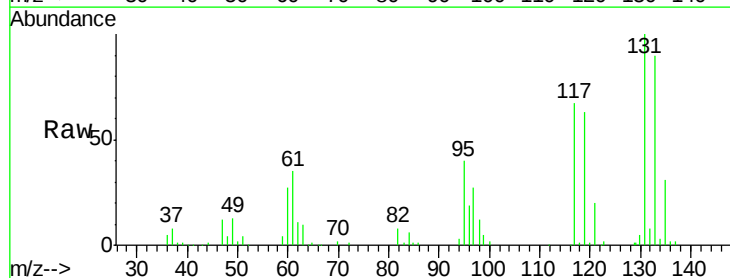
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

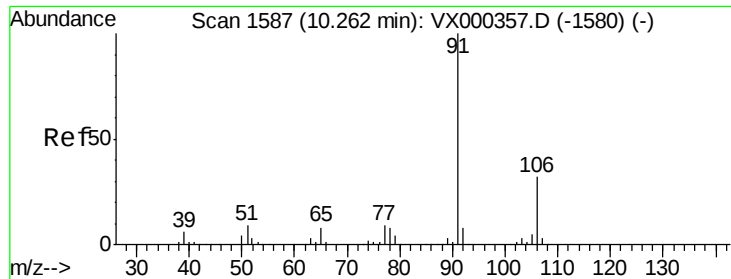
Tgt Ion:112 Resp: 78499
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.71 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion:131 Resp: 27197
Ion Ratio Lower Upper
131 100
133 91.9 47.1 141.3
119 64.4 33.1 99.2

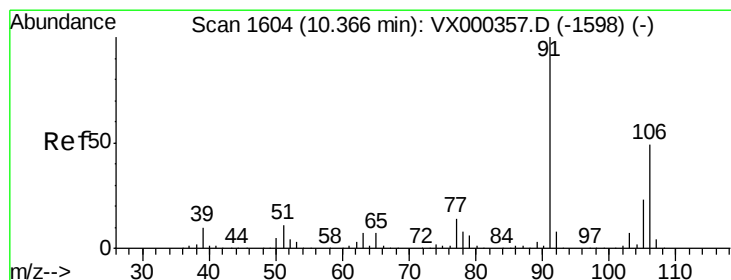
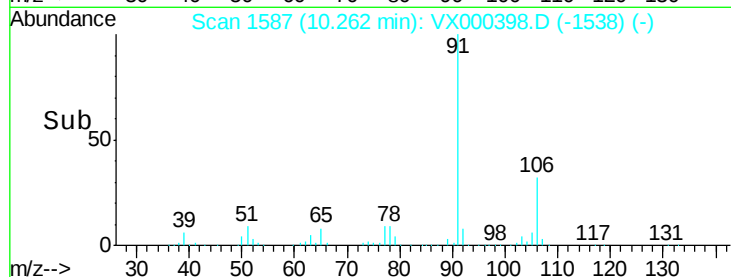
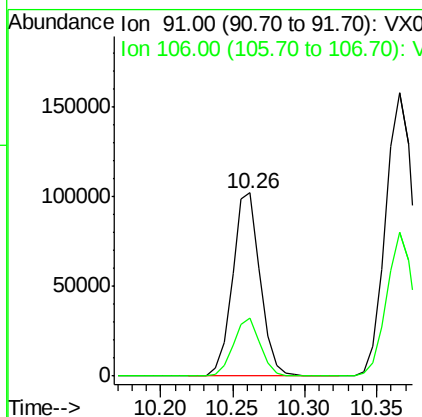
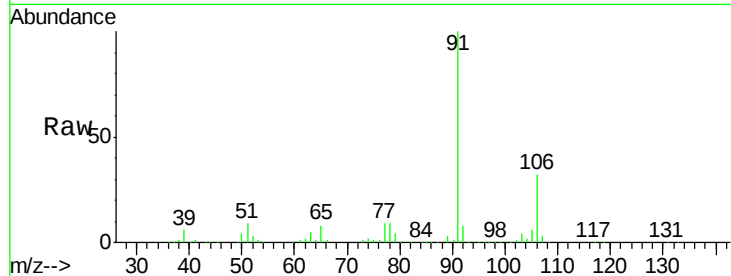




#67
Ethyl Benzene
Concen: 19.89 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

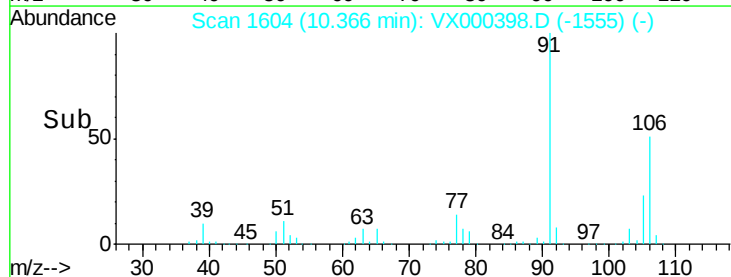
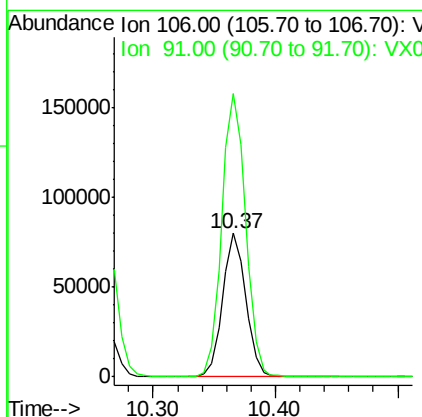
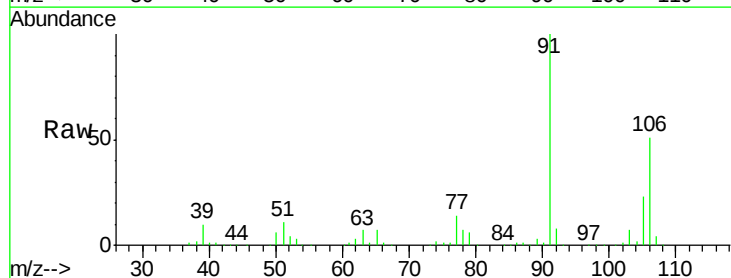
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

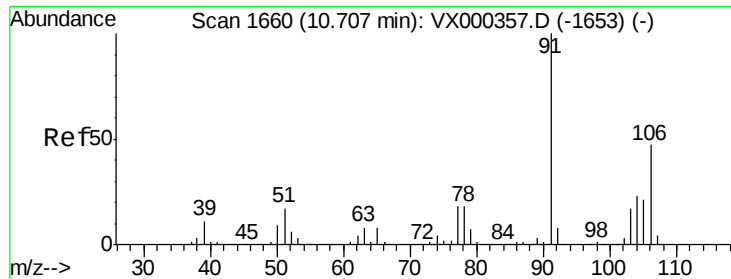
Tgt Ion: 91 Resp: 136941
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 38.85 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion: 106 Resp: 105270
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.2

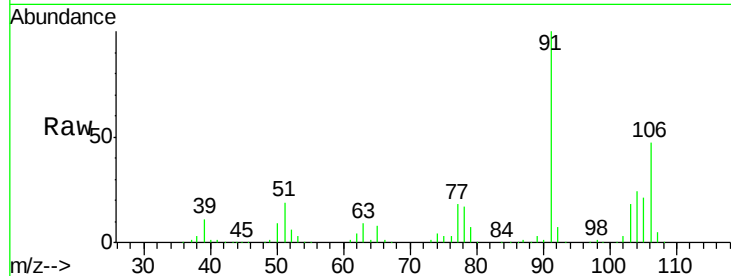




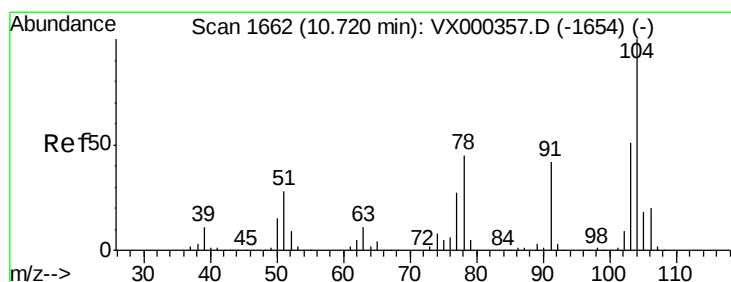
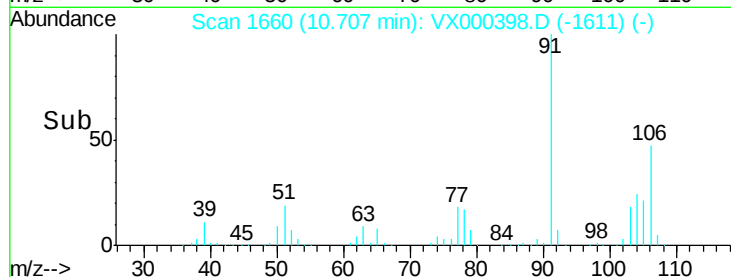
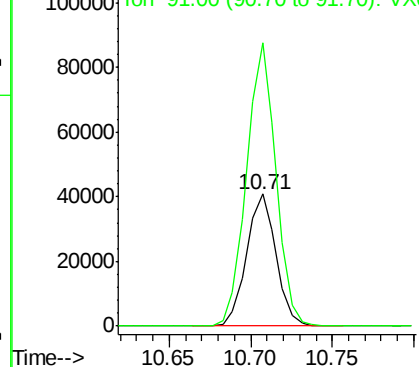
#69
o-Xylene
Concen: 19.59 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0322WBS01

Tgt Ion:106 Resp: 51386
Ion Ratio Lower Upper
106 100
91 213.9 106.5 319.6

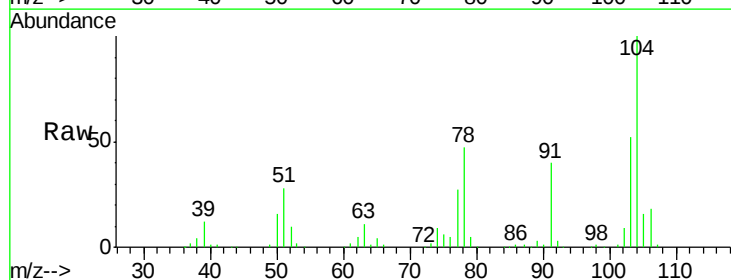


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

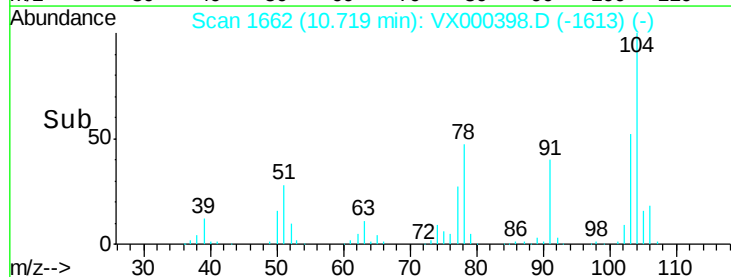
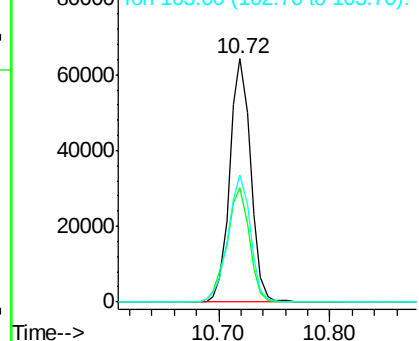


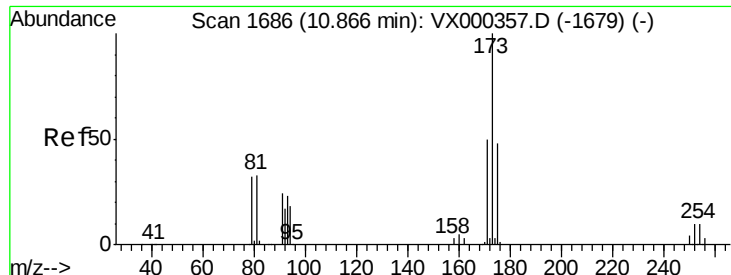
#70
Styrene
Concen: 19.29 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion:104 Resp: 83734
Ion Ratio Lower Upper
104 100
78 50.6 40.5 60.7
103 56.0 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: 18.81 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

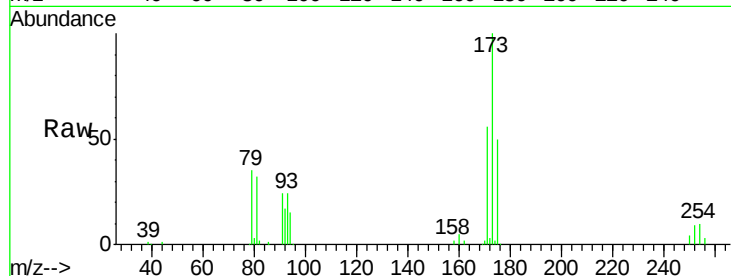
Tgt Ion:173 Resp: 22307

Ion Ratio Lower Upper

173 100

175 48.7 25.4 76.4

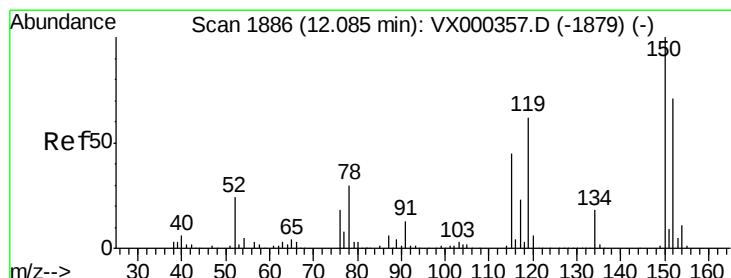
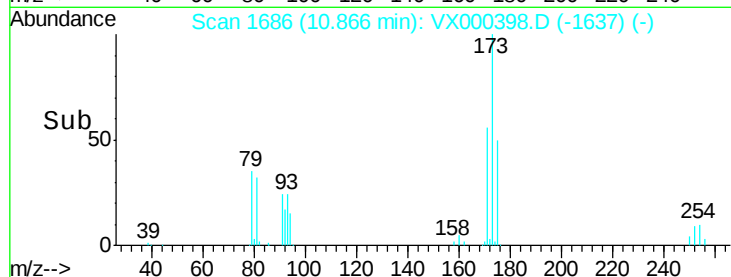
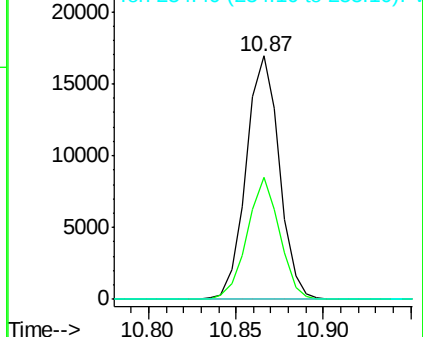
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

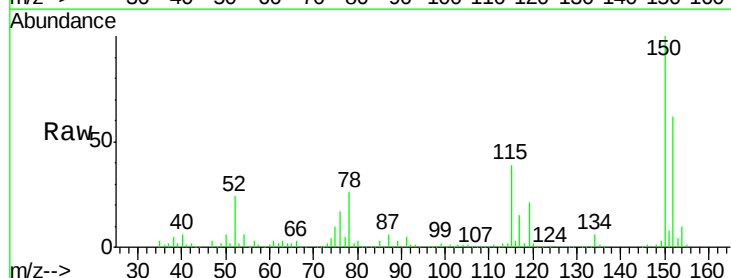
Tgt Ion:152 Resp: 99560

Ion Ratio Lower Upper

152 100

115 69.0 39.8 119.3

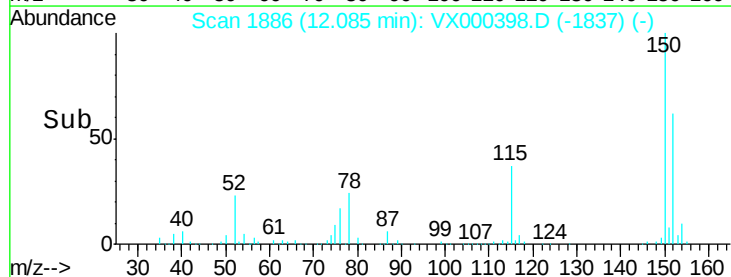
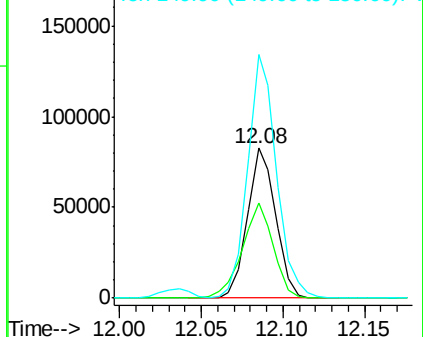
150 166.7 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.16 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

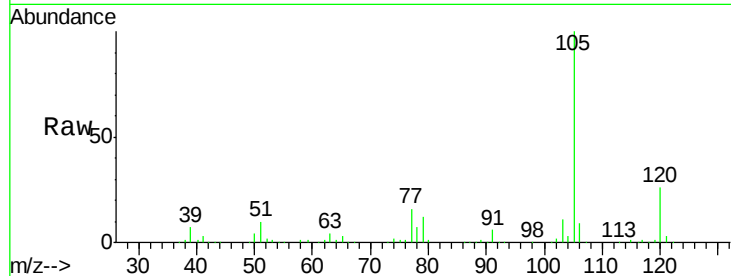
VX0322WBS01

Tgt Ion: 105 Resp: 139600

Ion Ratio Lower Upper

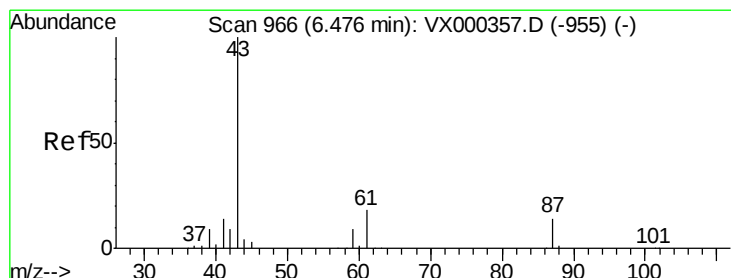
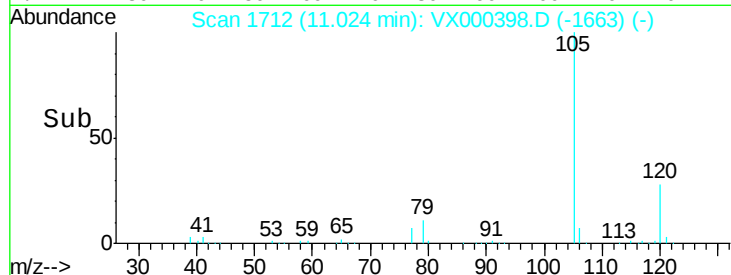
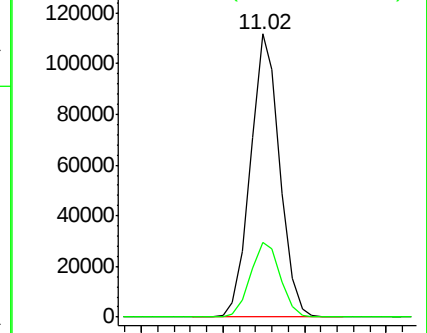
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.10 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Tgt Ion: 43 Resp: 66129

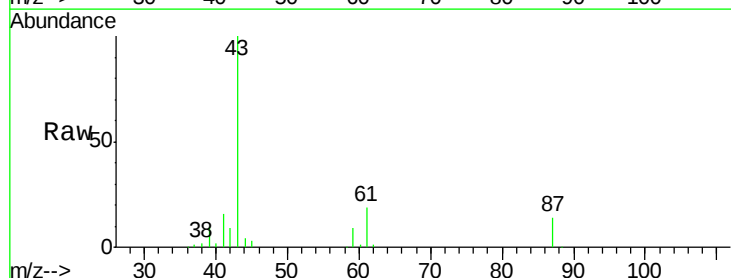
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.5 14.4 21.6

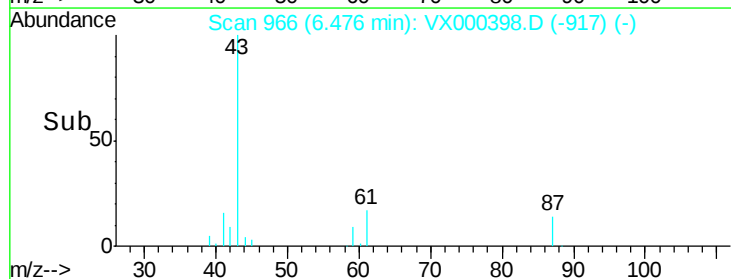
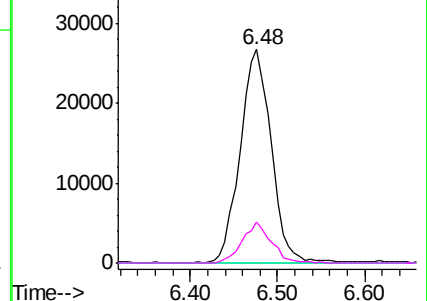


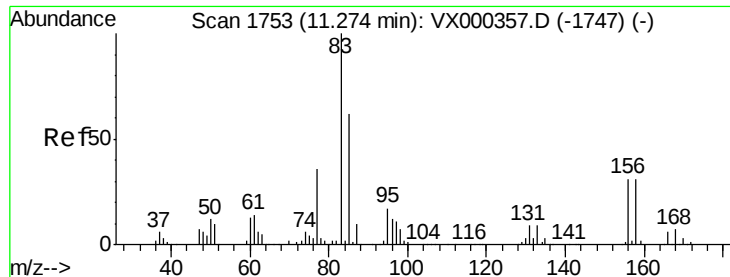
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

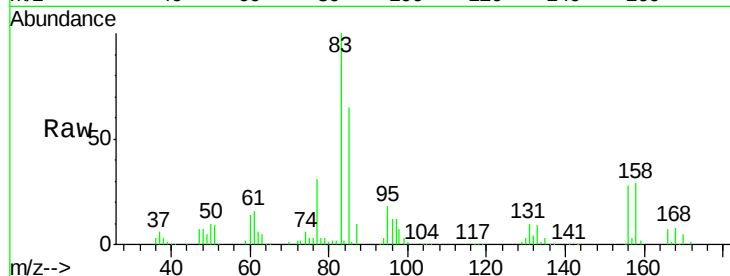
Tgt Ion: 83 Resp: 49462

Ion Ratio Lower Upper

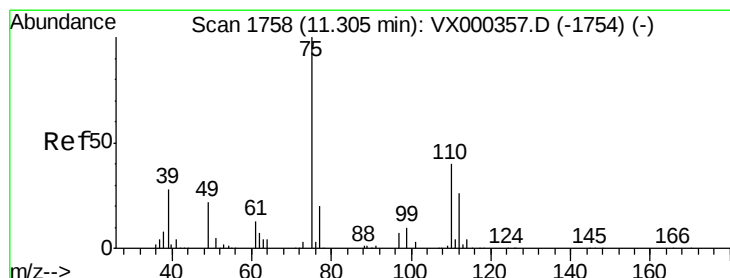
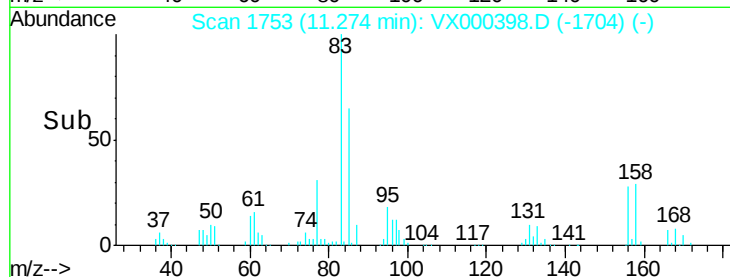
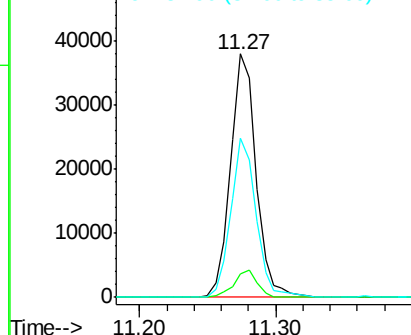
83 100

131 10.3 5.0 14.9

85 64.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.73 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000398.D

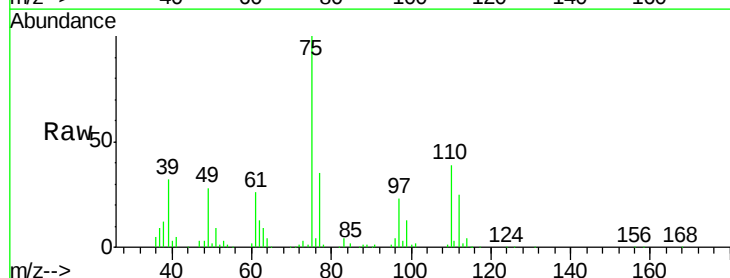
Acq: 22 Mar 2018 11:50

Tgt Ion: 75 Resp: 57194

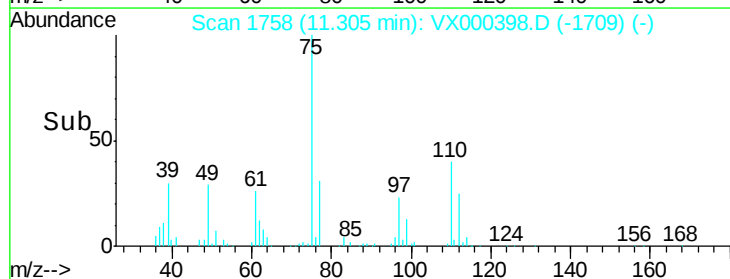
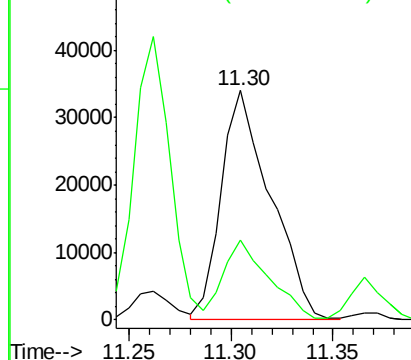
Ion Ratio Lower Upper

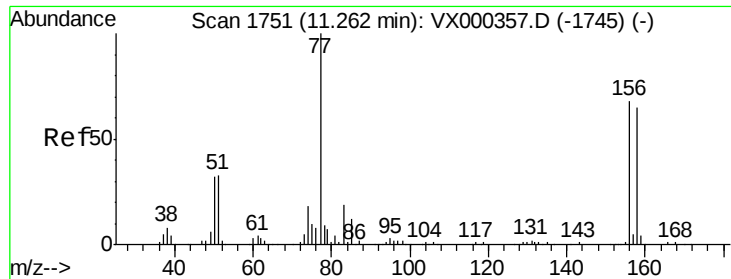
75 100

77 32.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.84 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBS01

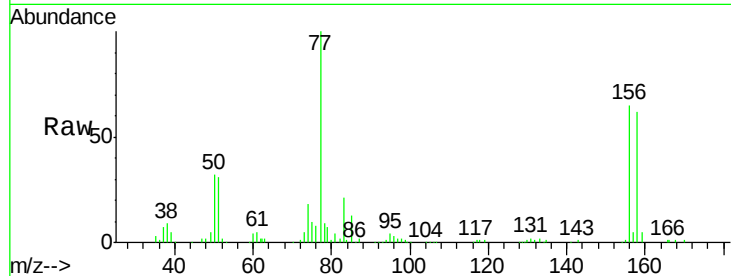
Tgt Ion:156 Resp: 34858

Ion Ratio Lower Upper

156 100

77 149.2 73.4 220.2

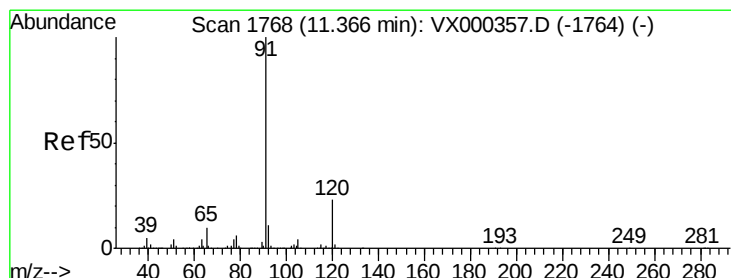
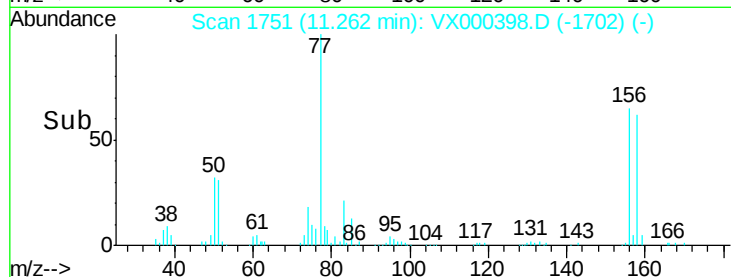
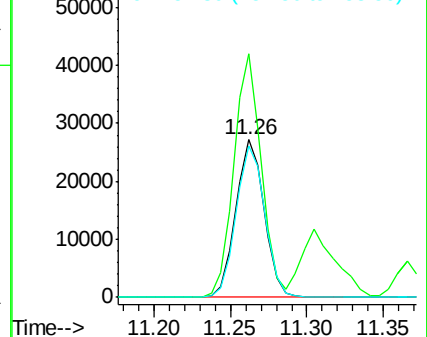
158 97.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000398.D

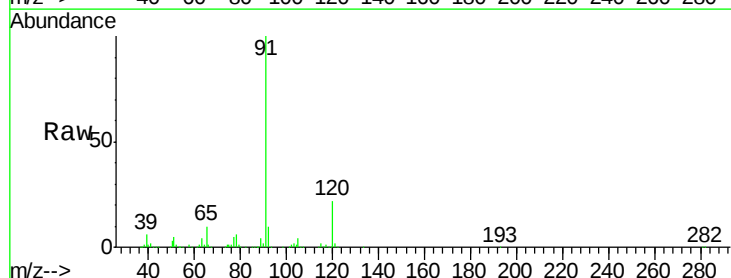
Acq: 22 Mar 2018 11:50

Tgt Ion: 91 Resp: 166313

Ion Ratio Lower Upper

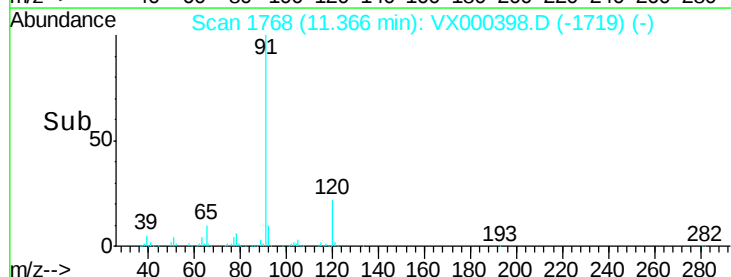
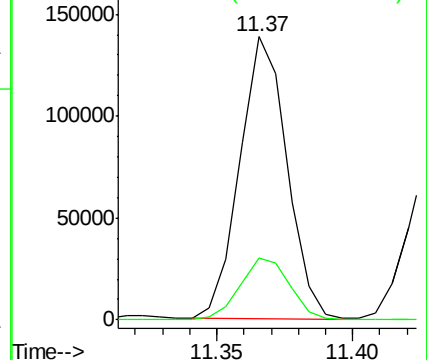
91 100

120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

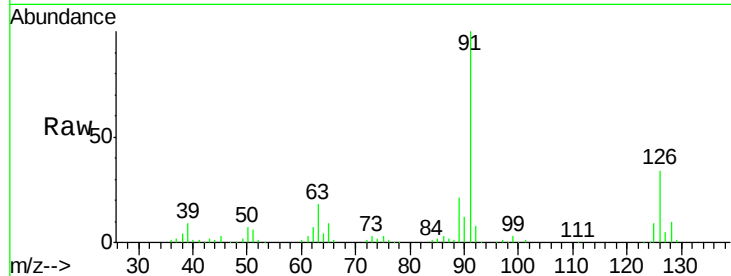




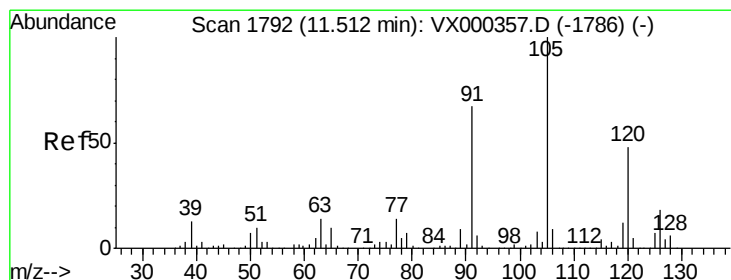
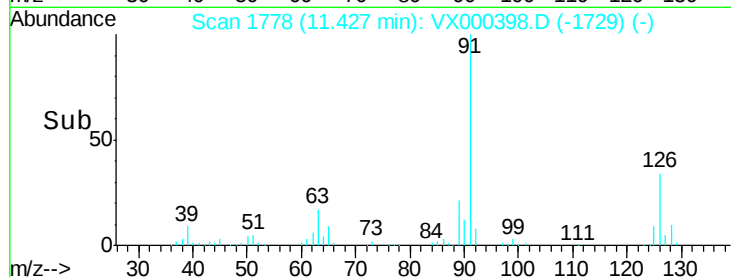
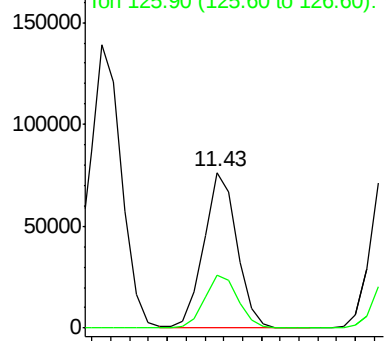
#79
 2-Chlorotoluene
 Concen: 20.36 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

Tgt Ion: 91 Resp: 92507
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1

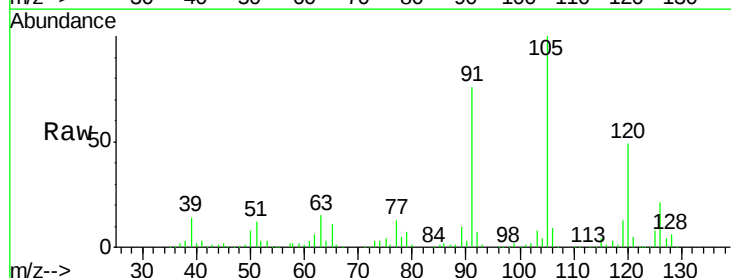


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

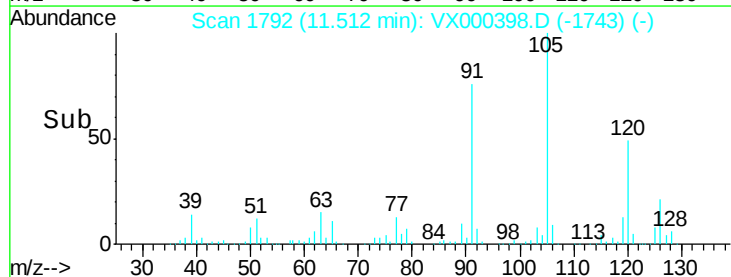
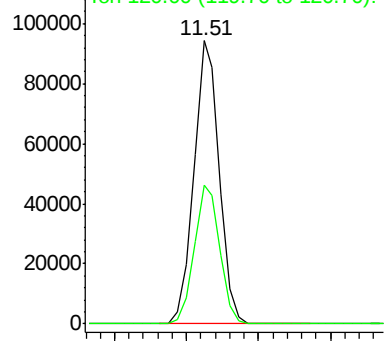


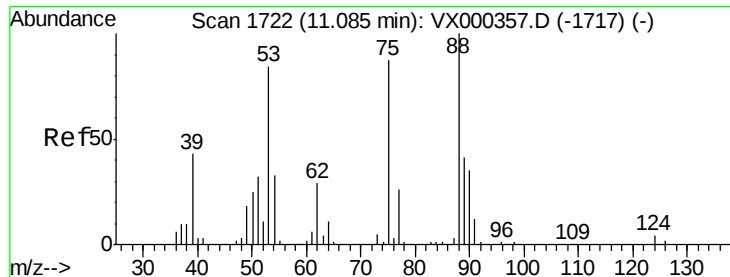
#80
 1,3,5-Trimethylbenzene
 Concen: 20.99 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion: 105 Resp: 116441
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.74 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0322WBS01

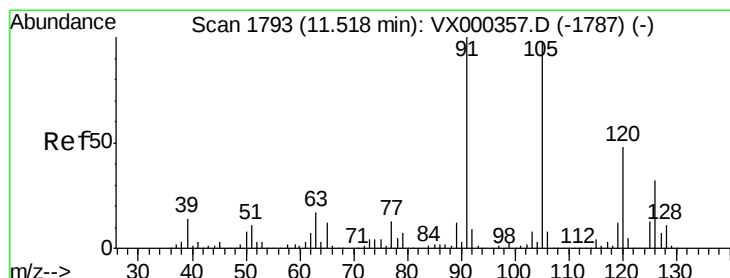
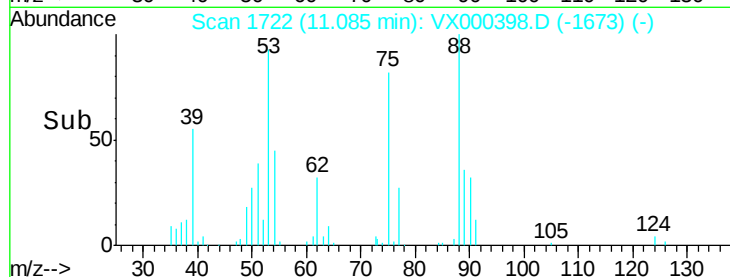
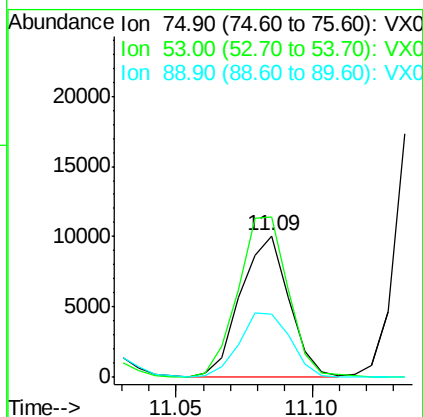
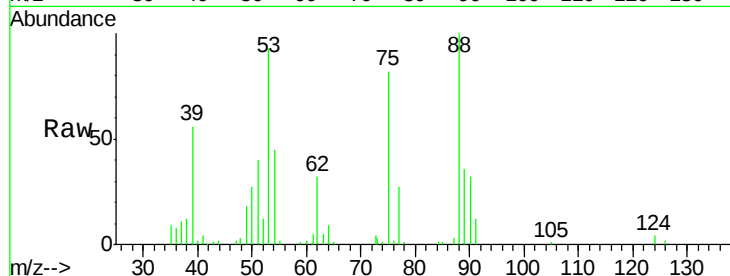
Tgt Ion: 75 Resp: 12385

Ion Ratio Lower Upper

75 100

53 118.2 80.7 121.1

89 48.1 39.4 59.0



#82

4-Chlorotoluene

Concen: 20.52 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000398.D

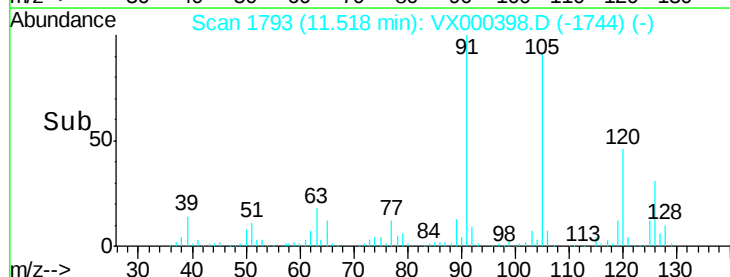
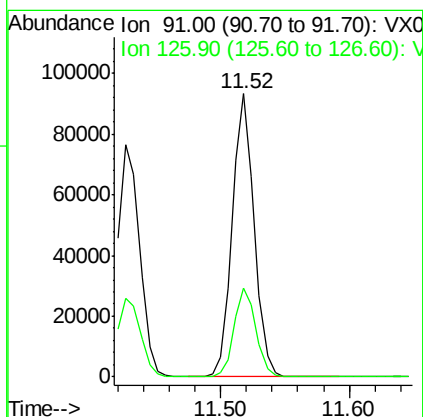
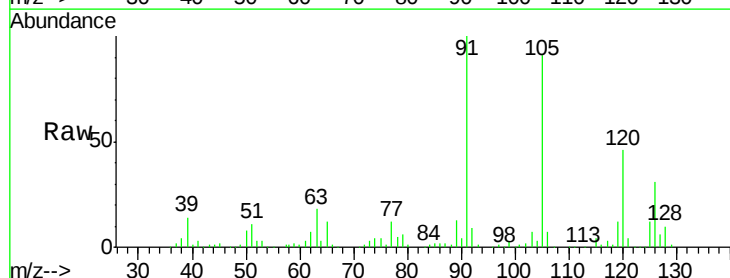
Acq: 22 Mar 2018 11:50

Tgt Ion: 91 Resp: 111332

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.1

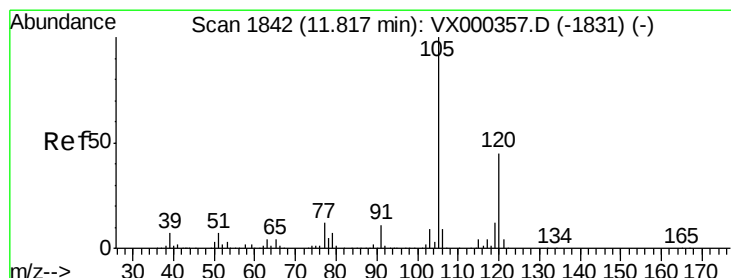
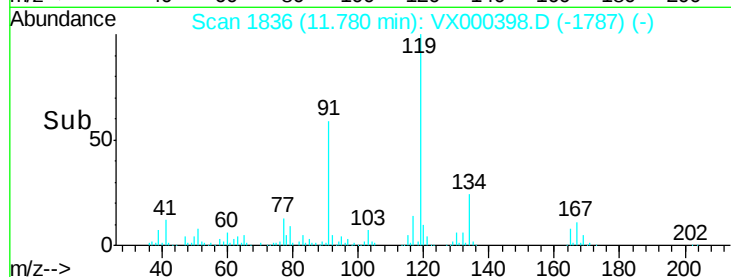
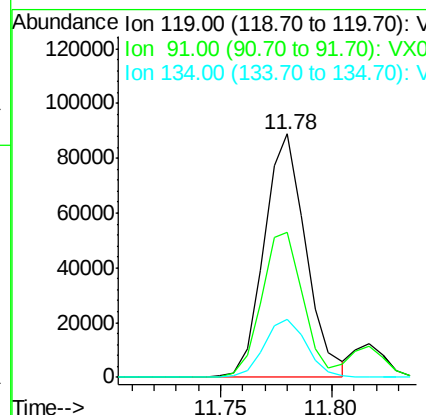
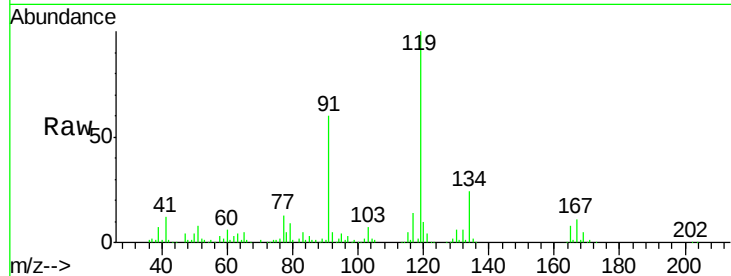




#83
 tert-Butylbenzene
 Concen: 20.74 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

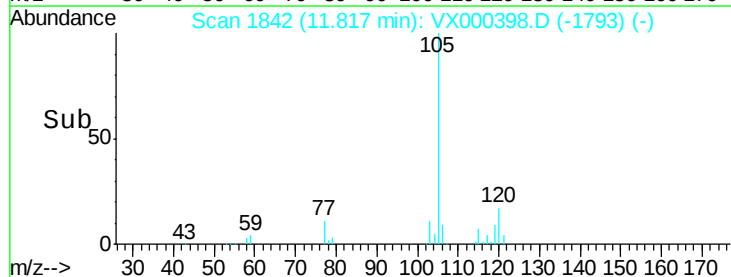
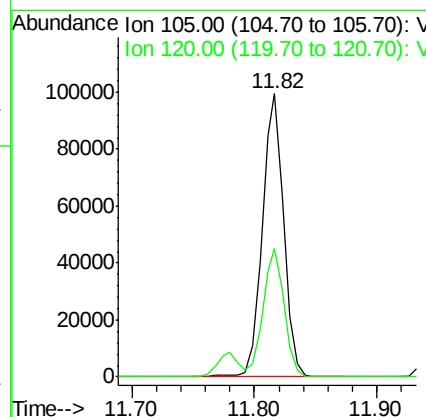
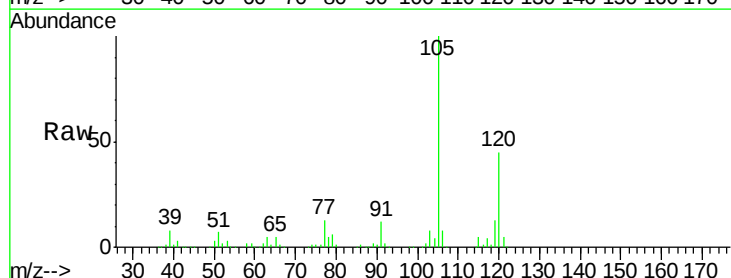
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

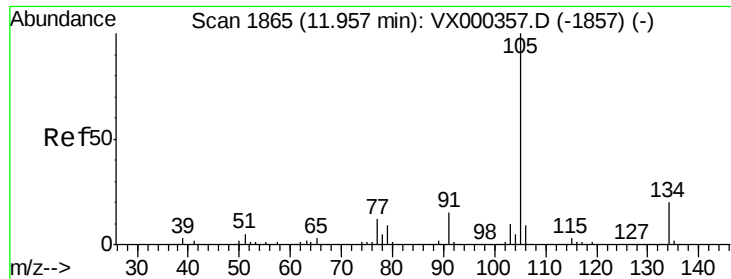
Tgt Ion:119 Resp: 116031
 Ion Ratio Lower Upper
 119 100
 91 59.0 28.8 86.4
 134 23.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.86 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion:105 Resp: 121322
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.91 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

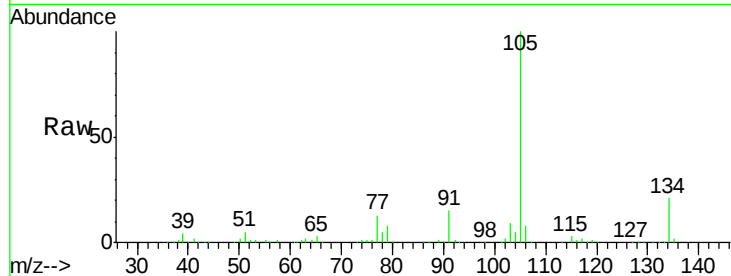
VX0322WBS01

Tgt Ion:105 Resp: 144758

Ion Ratio Lower Upper

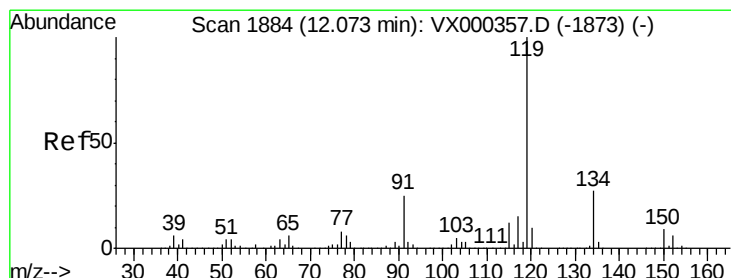
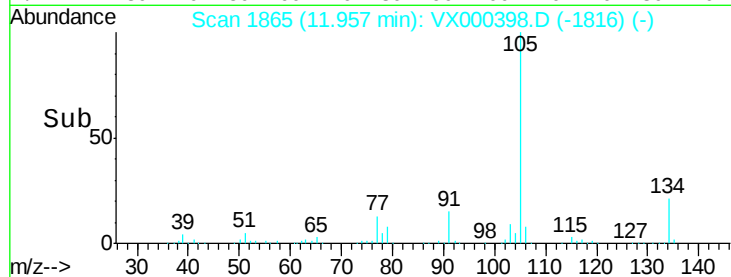
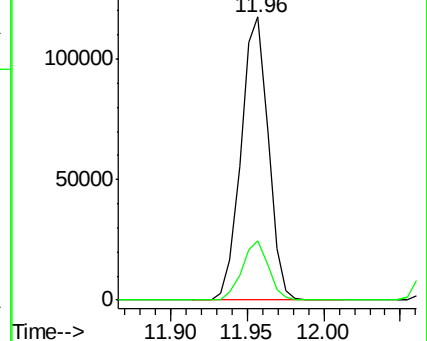
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.86 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

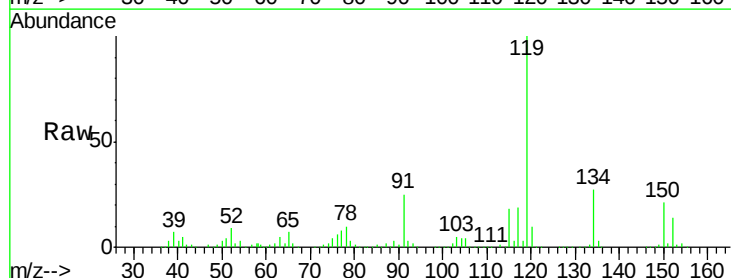
Tgt Ion:119 Resp: 128232

Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.9

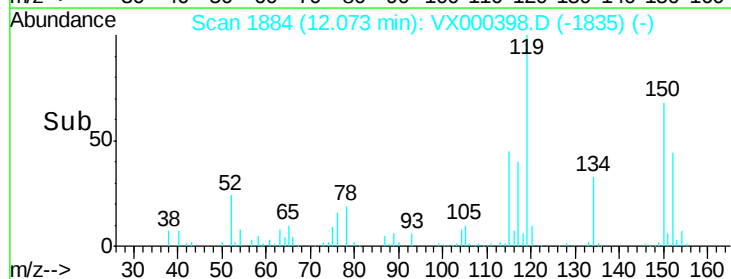
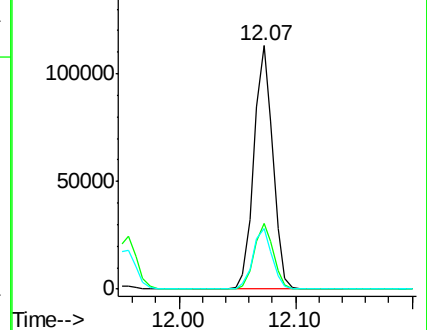
91 25.2 12.0 36.1

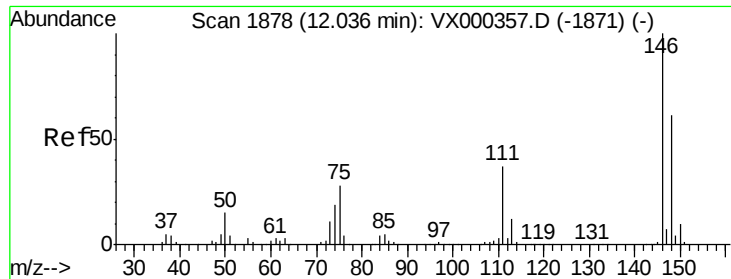


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

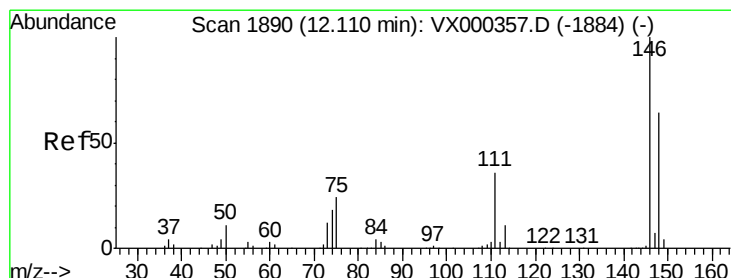
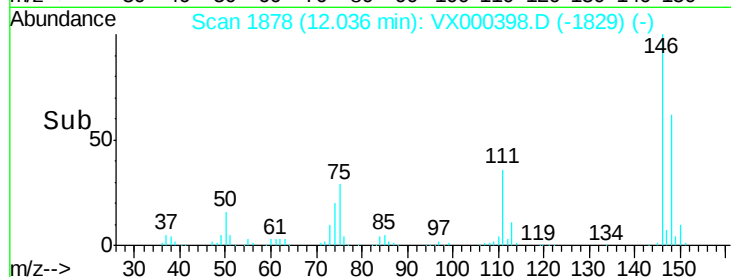
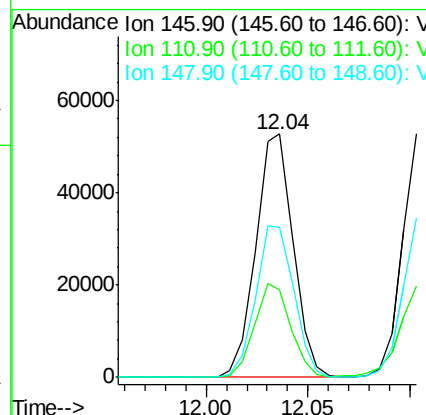
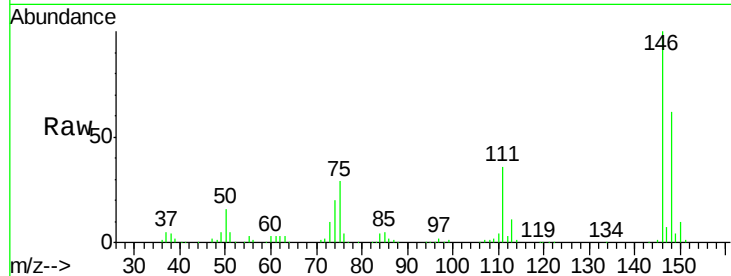




#87
 1,3-Dichlorobenzene
 Concen: 20.27 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

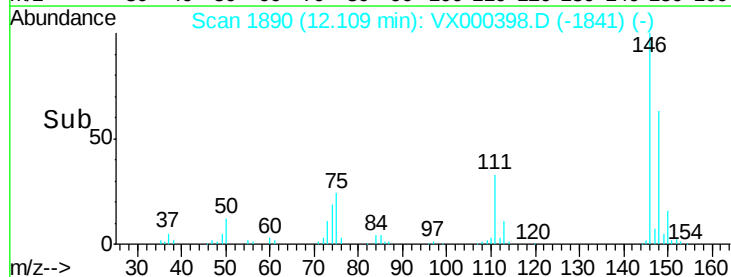
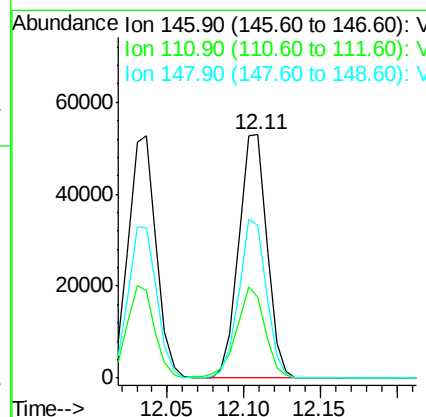
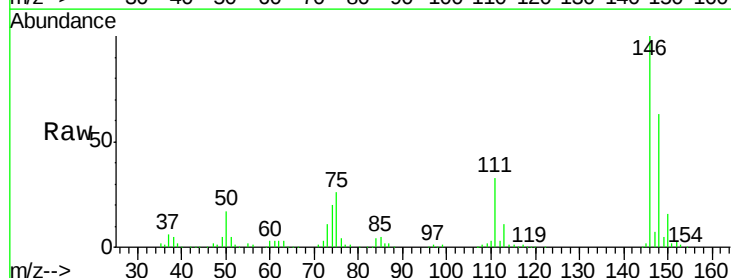
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

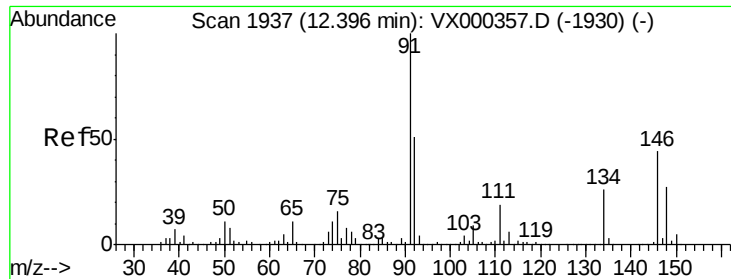
Tgt Ion:146 Resp: 67346
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.5 58.5
 148 63.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.49 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion:146 Resp: 67993
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.9
 148 63.9 31.0 93.0





#89

n-Butylbenzene

Concen: 20.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000398.D

Acq: 22 Mar 2018 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0322WBS01

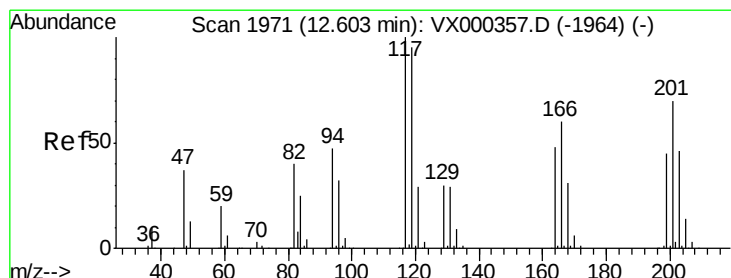
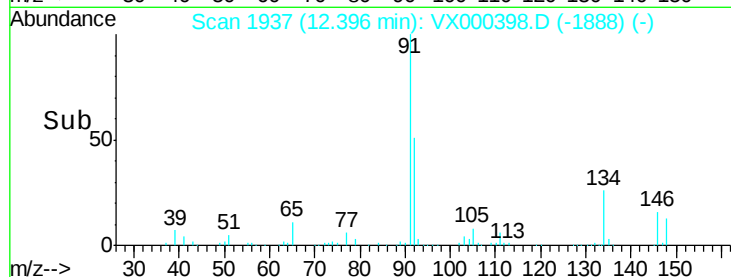
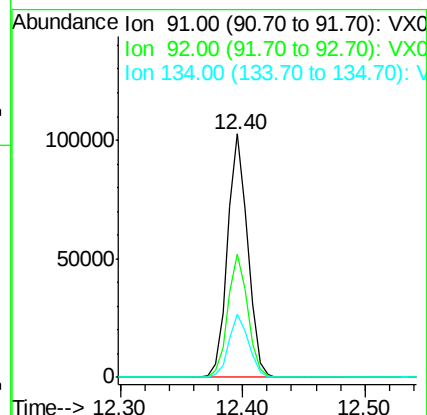
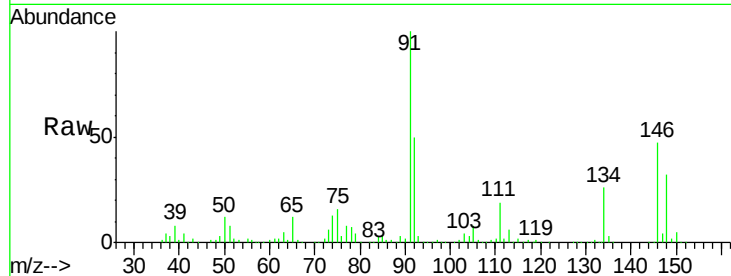
Tgt Ion: 91 Resp: 116664

Ion Ratio Lower Upper

91 100

92 50.1 25.9 77.8

134 25.5 13.1 39.3



#90

Hexachloroethane

Concen: 21.66 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000398.D

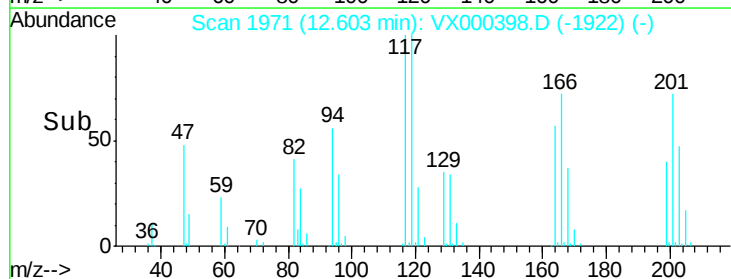
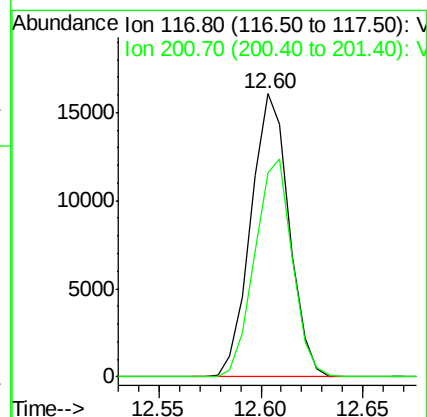
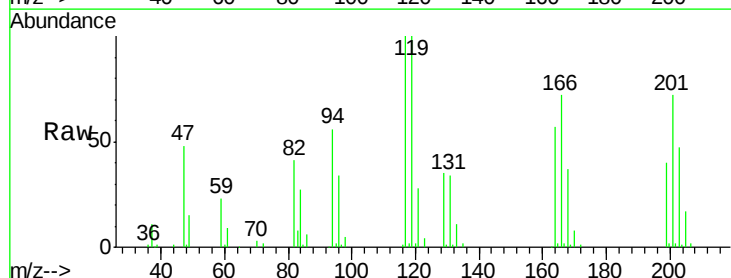
Acq: 22 Mar 2018 11:50

Tgt Ion: 117 Resp: 20957

Ion Ratio Lower Upper

117 100

201 75.6 37.9 113.6

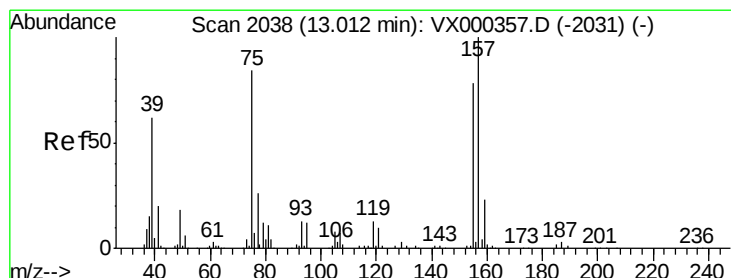
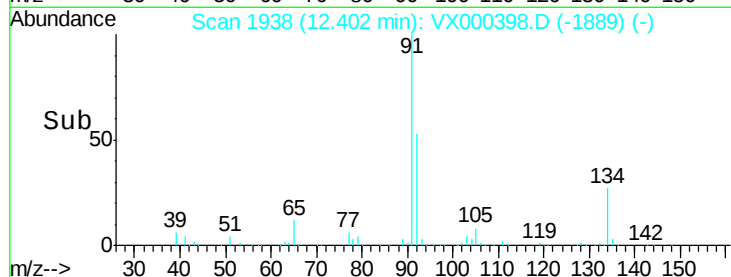
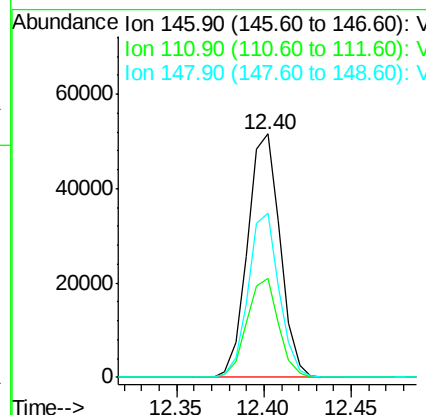
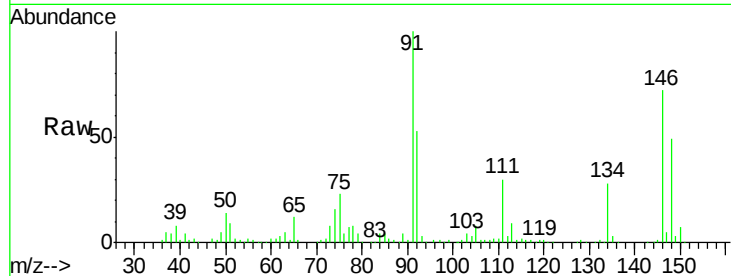




#91
 1,2-Dichlorobenzene
 Concen: 20.43 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

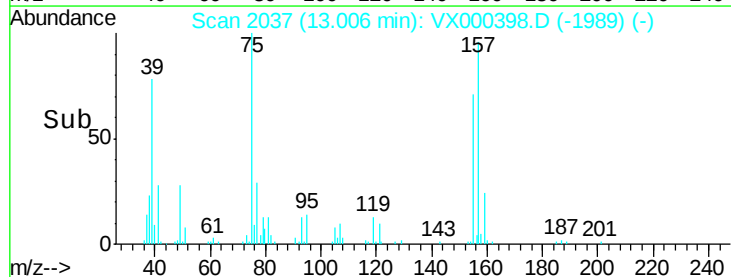
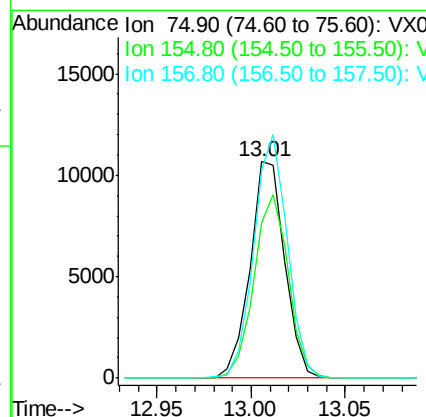
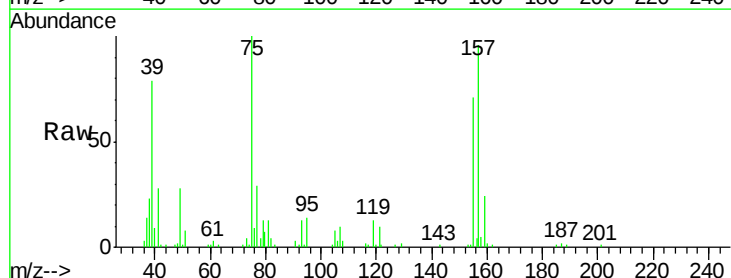
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

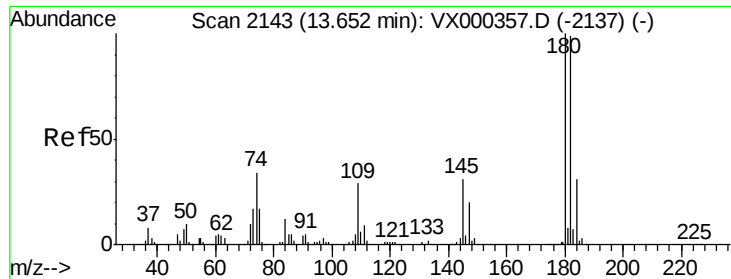
Tgt Ion:146 Resp: 66549
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 63.8 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.89 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion: 75 Resp: 13591
 Ion Ratio Lower Upper
 75 100
 155 83.9 45.0 134.8
 157 108.3 58.1 174.2

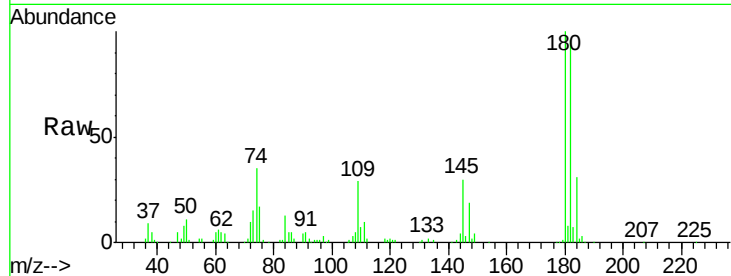




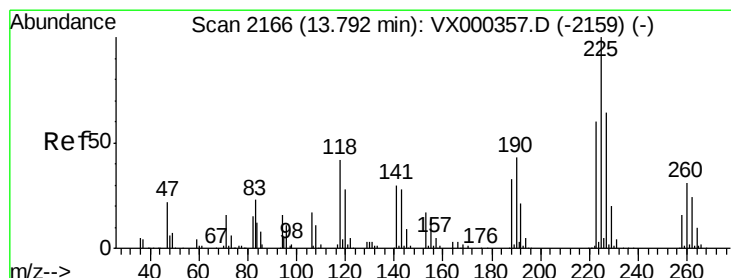
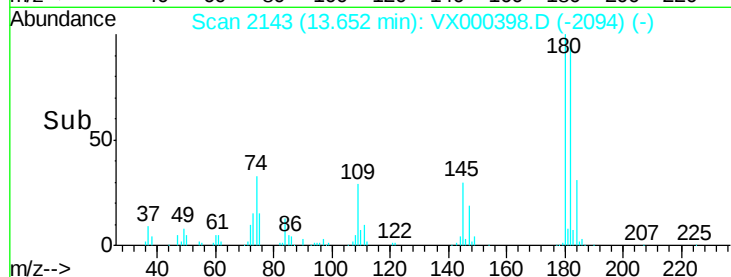
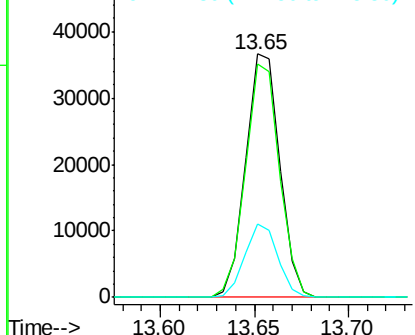
#93
 1,2,4-Trichlorobenzene
 Concen: 19.73 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

Tgt Ion:180 Resp: 46068
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.9
 145 29.1 15.1 45.3

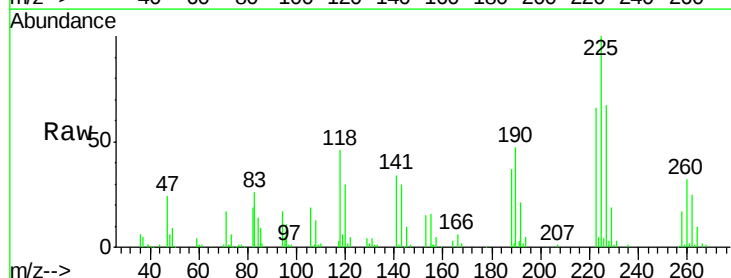


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

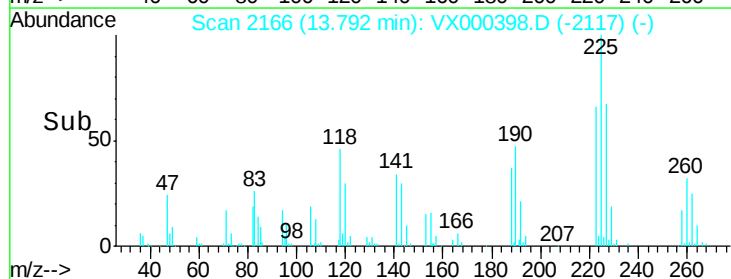
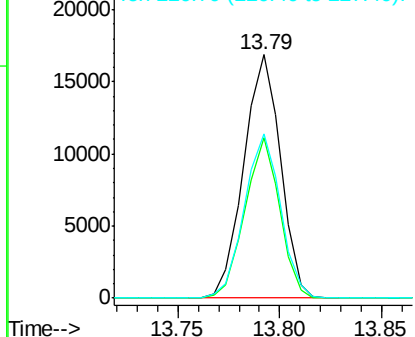


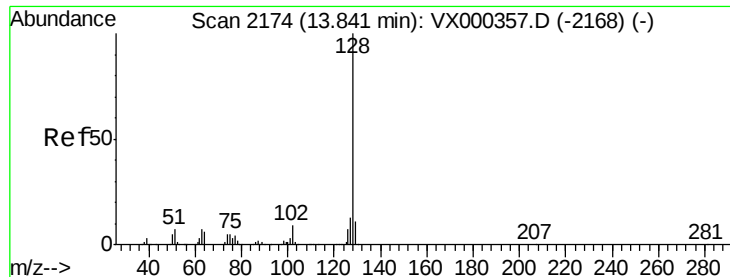
#94
 Hexachlorobutadiene
 Concen: 21.90 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000398.D
 Acq: 22 Mar 2018 11:50

Tgt Ion:225 Resp: 21174
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.0 96.0
 227 66.3 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

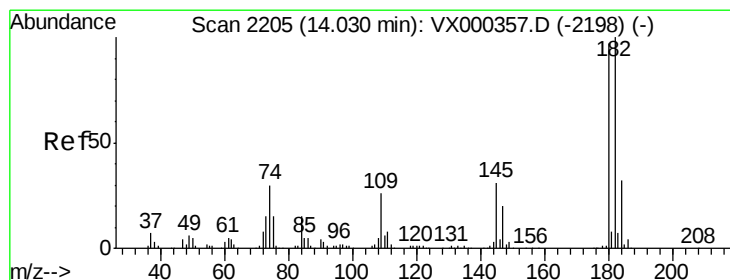
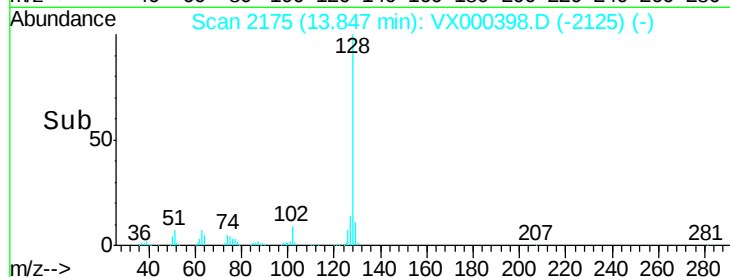
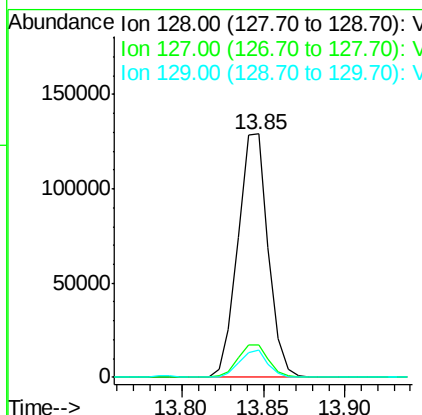
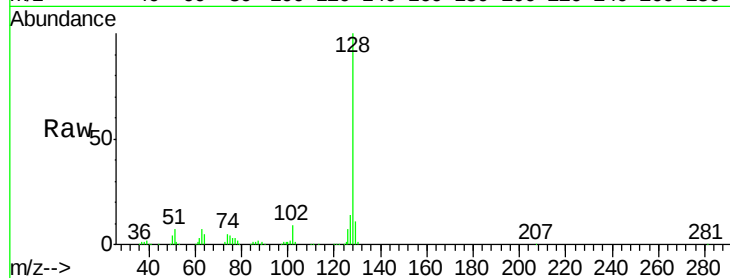




#95
Naphthalene
Concen: 20.54 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBS01

Tgt Ion:128 Resp: 167059
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.61 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000398.D
Acq: 22 Mar 2018 11:50

Tgt Ion:180 Resp: 47559
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.3
145 29.6 15.8 47.3

