

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041718\
 Data File : VX000972.D
 Acq On : 17 Apr 2018 18:33
 Operator : JC/MD
 Sample : VX0417MBS01
 Misc : 5.00µg/10mL/100µL/5mL//MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:58:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	226983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	148010	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.51	113	121248	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
50) Toluene-d8	8.72	98	445442	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
62) 4-Bromofluorobenzene	11.14	95	183143	43.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49965	17.213	ug/l	100
3) Chloromethane	1.32	50	46034	18.496	ug/l	99
4) Vinyl Chloride	1.41	62	50276	17.959	ug/l	100
5) Bromomethane	1.65	94	35693	30.258	ug/l	96
6) Chloroethane	1.73	64	34034	20.059	ug/l	99
7) Trichlorofluoromethane	1.93	101	79990	18.938	ug/l	100
8) Diethyl Ether	2.19	74	30110	19.084	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47257	18.976	ug/l	98
10) Methyl Iodide	2.52	142	30557	21.401	ug/l	99
11) Tert butyl alcohol	3.07	59	45934	79.793	ug/l	98
12) 1,1-Dichloroethene	2.38	96	42480	17.999	ug/l	88
13) Acrolein	2.30	56	10961	39.208	ug/l	100
14) Allyl chloride	2.73	41	78897	18.079	ug/l	99
15) Acrylonitrile	3.15	53	120938	98.538	ug/l	99
16) Acetone	2.45	43	118176	105.690	ug/l	98
17) Carbon Disulfide	2.57	76	96457	13.497	ug/l	99
18) Methyl Acetate	2.78	43	62434	21.577	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	155126	19.733	ug/l	100
20) Methylene Chloride	2.86	84	49618	19.079	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	46527	17.877	ug/l	98
22) Diisopropyl ether	3.88	45	163369	20.369	ug/l	98
23) Vinyl Acetate	3.83	43	678434	96.346	ug/l	97
24) 1,1-Dichloroethane	3.70	63	88852	19.743	ug/l	99
25) 2-Butanone	4.71	43	178699	96.780	ug/l	99
26) 2,2-Dichloropropane	4.59	77	73931	16.551	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56174	19.019	ug/l	99
28) Bromochloromethane	5.03	49	31891	17.598	ug/l	97
29) Tetrahydrofuran	5.17	42	109226	93.165	ug/l	98
30) Chloroform	5.22	83	92977	19.513	ug/l	99
31) Cyclohexane	5.59	56	74244	17.372	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	81837	18.028	ug/l	99
36) 1,1-Dichloropropene	5.81	75	68248	17.409	ug/l	100
37) Ethyl Acetate	4.87	43	67063	17.524	ug/l	99
38) Carbon Tetrachloride	5.79	117	70705	16.114	ug/l	98

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 Misc : 5.00g/10mL/100uL/5mL//MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:58:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	76112	16.168	ug/l	98
40) Benzene	6.15	78	198055	18.183	ug/l	100
41) Methacrylonitrile	5.06	41	40696	18.407	ug/l	98
42) 1,2-Dichloroethane	6.21	62	78271	19.240	ug/l	98
43) Isopropyl Acetate	6.47	43	114276	17.417	ug/l	99
44) Trichloroethene	7.22	130	60560	17.877	ug/l	98
45) 1,2-Dichloropropane	7.53	63	50358	18.155	ug/l	99
46) Dibromomethane	7.67	93	34763	17.976	ug/l	98
47) Bromodichloromethane	7.91	83	64712	16.581	ug/l	97
48) Methyl methacrylate	7.79	41	60582	17.813	ug/l	99
49) 1,4-Dioxane	7.76	88	18753	274.383	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	360462	93.527	ug/l	98
52) Toluene	8.79	92	132219	18.297	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	79446	16.970	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	72694	15.946	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	53884	18.783	ug/l	97
56) Ethyl methacrylate	9.19	69	78536	17.746	ug/l	99
57) 1,3-Dichloropropane	9.38	76	87294	19.140	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	186955	90.419	ug/l	99
59) 2-Hexanone	9.51	43	269975	90.736	ug/l	99
60) Dibromochloromethane	9.59	129	54111	15.764	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56275	18.491	ug/l	100
64) Tetrachloroethene	9.34	164	60997	18.337	ug/l	99
65) Chlorobenzene	10.15	112	157040	18.350	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54797	17.012	ug/l	99
67) Ethyl Benzene	10.26	91	258158	18.093	ug/l	100
68) m/p-Xylenes	10.37	106	202854	36.019	ug/l	99
69) o-Xylene	10.71	106	99413	18.315	ug/l	98
70) Styrene	10.72	104	164283	17.952	ug/l	100
71) Bromoform	10.87	173	41593	13.946	ug/l #	100
73) Isopropylbenzene	11.02	105	266373	18.498	ug/l	100
74) N-amyl acetate	6.47	43	114276	17.623	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	78336	18.745	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	85698	21.892	ug/l	85
77) Bromobenzene	11.26	156	78753	18.662	ug/l	99
78) n-propylbenzene	11.37	91	305019	18.519	ug/l	99
79) 2-Chlorotoluene	11.43	91	181906	18.687	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	227284	18.353	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18441	12.959	ug/l #	81
82) 4-Chlorotoluene	11.52	91	217872	18.542	ug/l	99
83) tert-Butylbenzene	11.77	119	231255	18.253	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	231407	18.100	ug/l	99
85) sec-Butylbenzene	11.95	105	270459	18.095	ug/l	99
86) p-Isopropyltoluene	12.07	119	251037	18.011	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	143728	18.401	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146619	18.316	ug/l	99
89) n-Butylbenzene	12.40	91	217207	17.656	ug/l	99
90) Hexachloroethane	12.60	117	33679	14.280	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	140449	18.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15638	14.935	ug/l	94

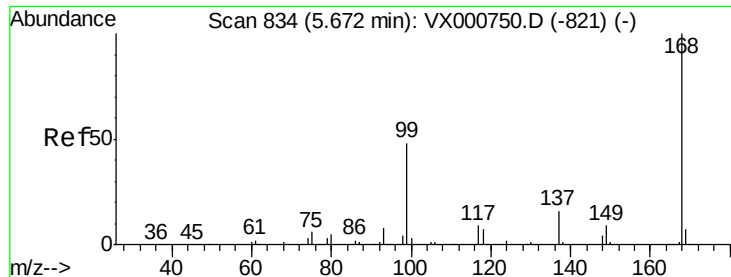
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041718\
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ClientSampleId :

Quant Time: Apr 18 03:58:15 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113393	17.623	ug/l	98
94) Hexachlorobutadiene	13.79	225	47340	14.963	ug/l	99
95) Naphthalene	13.84	128	297078	17.987	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110057	17.610	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

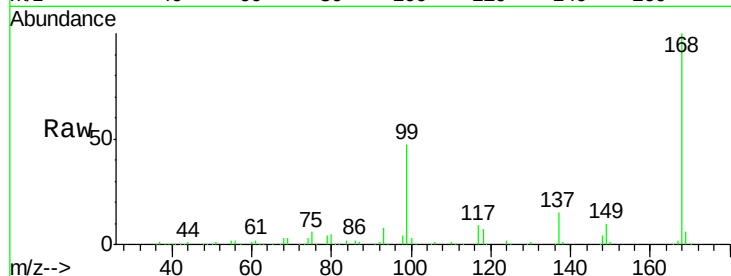
ClientSampleId :

Tot Ion:168 Resp: 257151

Ion Ratio Lower Upper

168 100

99 46.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

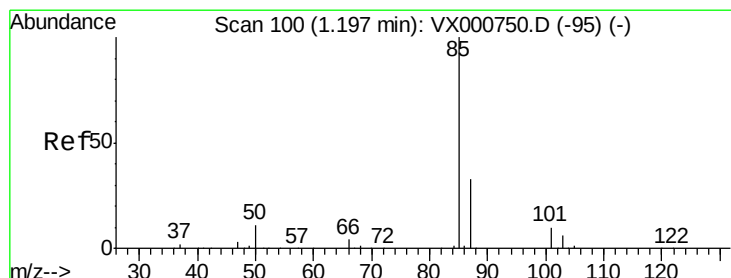
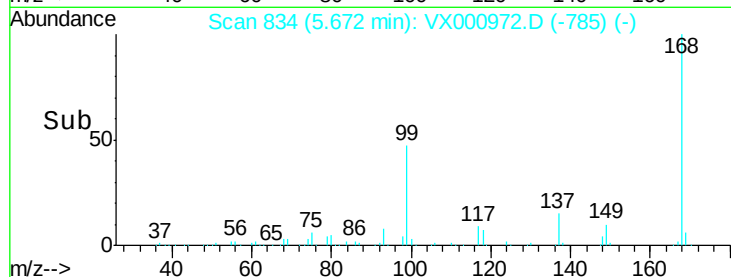
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.213 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000972.D

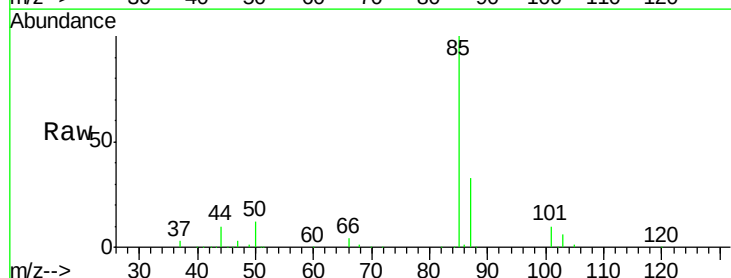
Acq: 17 Apr 2018 18:33

Tgt Ion: 85 Resp: 49965

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

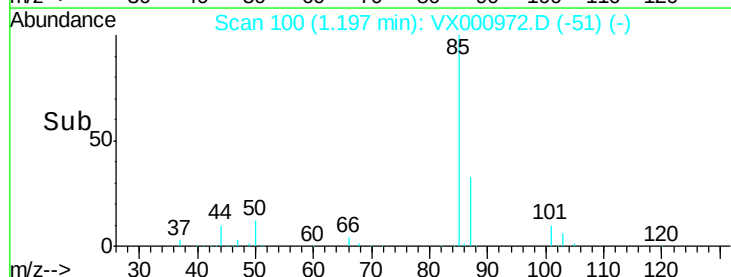
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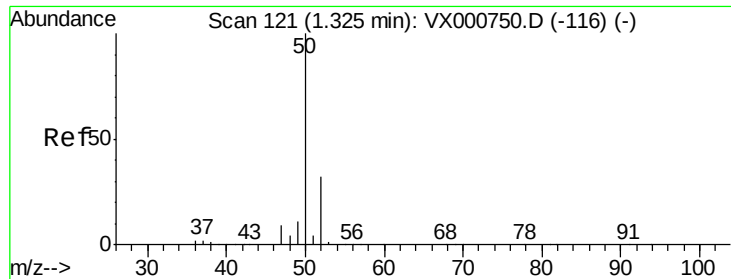
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.496 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

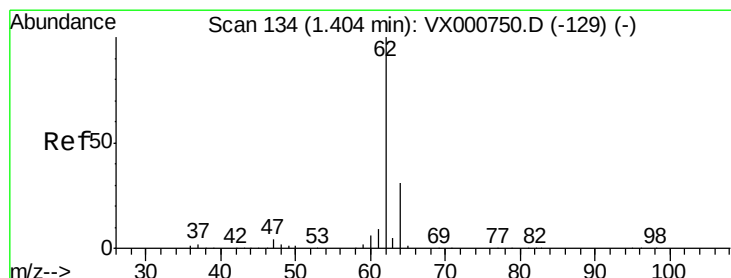
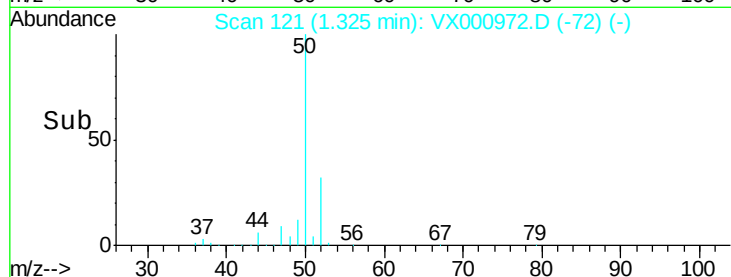
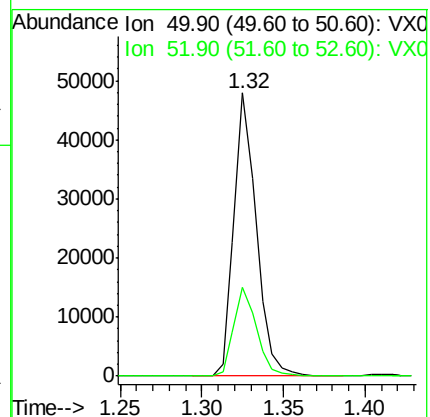
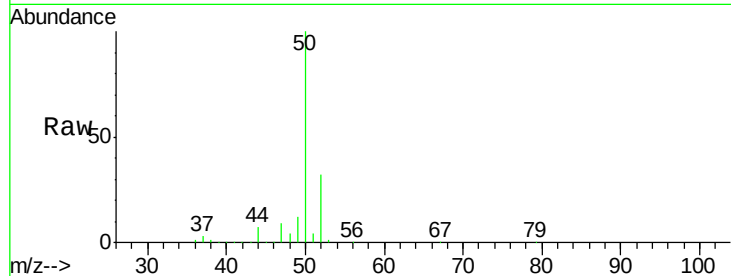
ClientSampleId :

Tot Ion: 50 Resp: 46034

Ion Ratio Lower Upper

50 100

52 31.6 25.8 38.8



#4

Vinyl Chloride

Concen: 17.959 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000972.D

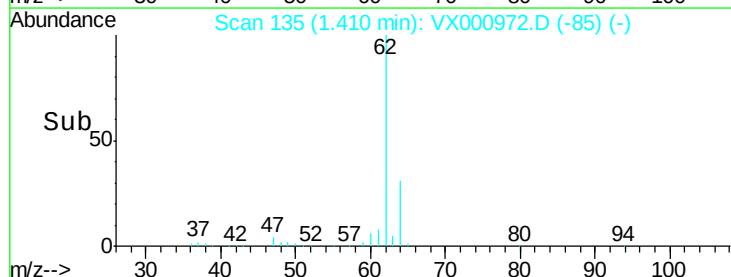
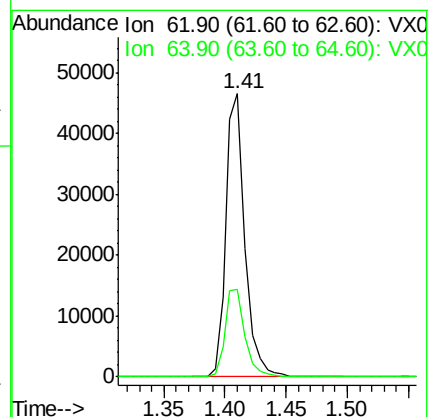
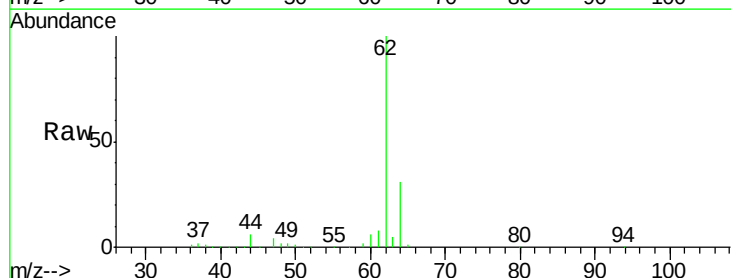
Acq: 17 Apr 2018 18:33

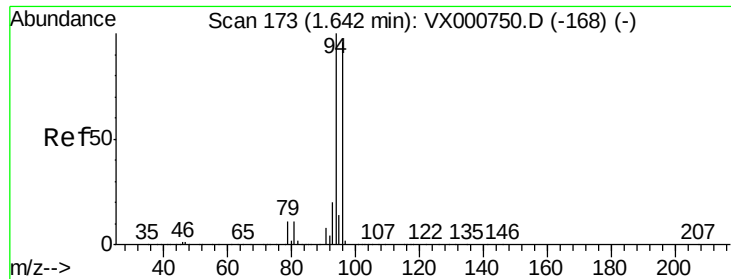
Tgt Ion: 62 Resp: 50276

Ion Ratio Lower Upper

62 100

64 30.8 24.6 36.8





#5

Bromomethane

Concen: 30.258 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

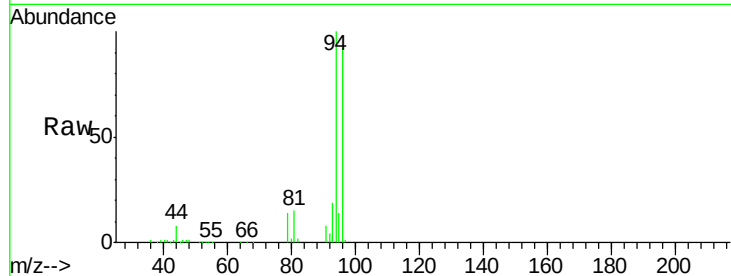
ClientSampled :

Tot Ion: 94 Resp: 35693

Ion Ratio Lower Upper

94 100

96 91.9 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

30000

25000

20000

15000

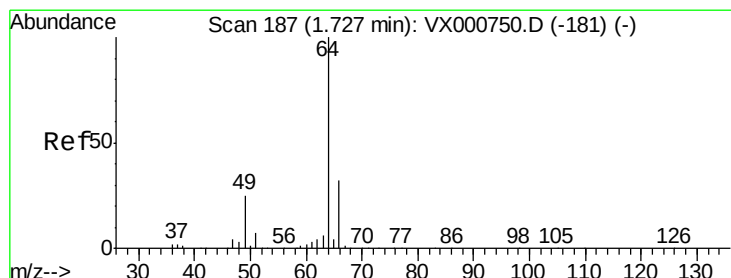
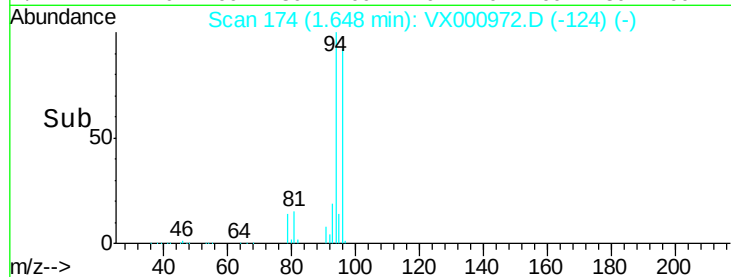
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.059 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000972.D

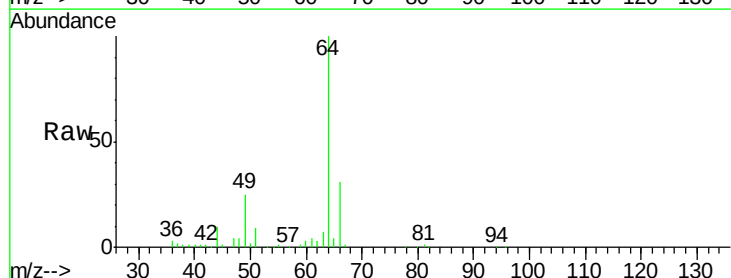
Acq: 17 Apr 2018 18:33

Tgt Ion: 64 Resp: 34034

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

25000

20000

15000

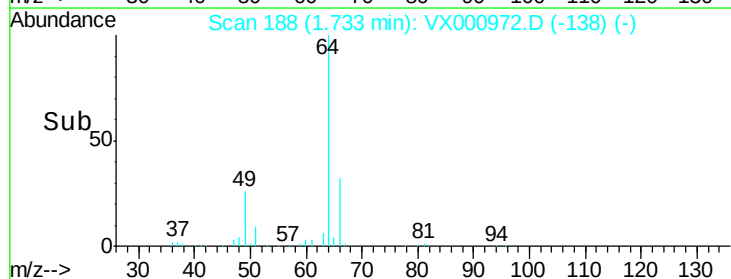
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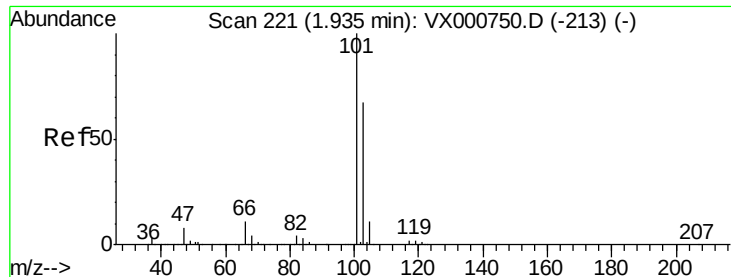
5000

0

Time-->

1.60 1.70 1.80



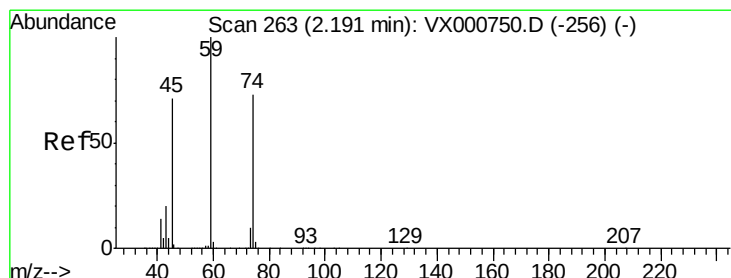
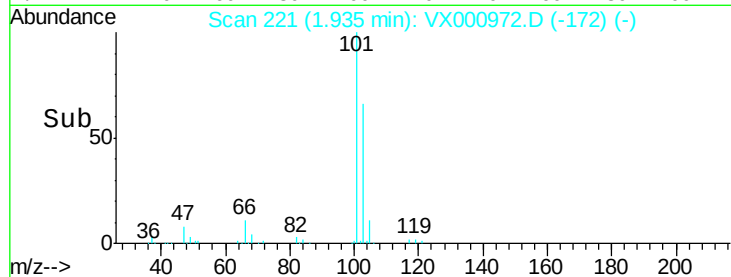
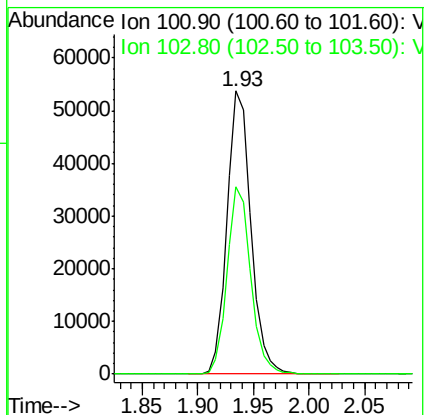
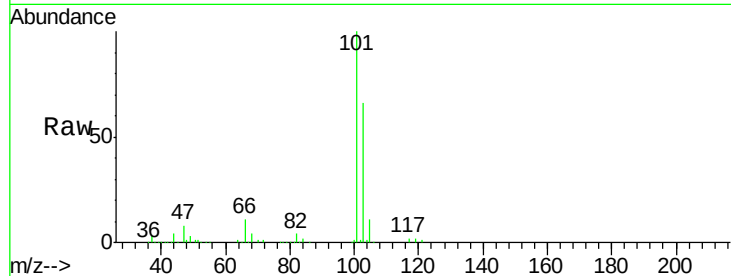


#7

Trichlorofluoromethane
 Concen: 18.938 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Instrument :
 MSVOA_X
 ClientSampleId :

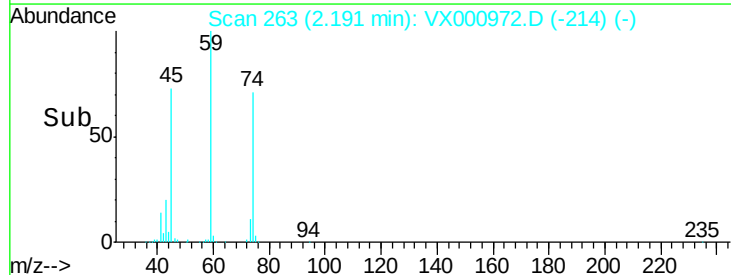
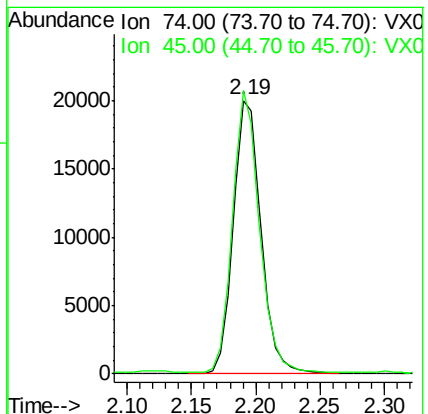
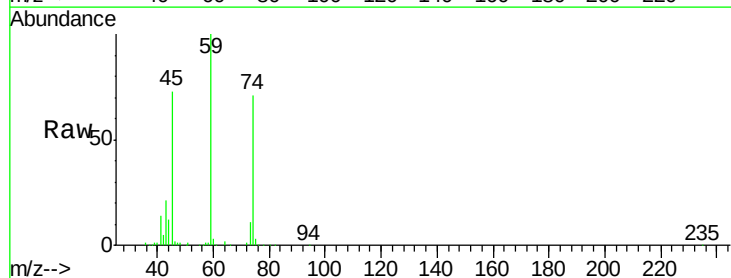
Tot Ion:101 Resp: 79990
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.2 79.8

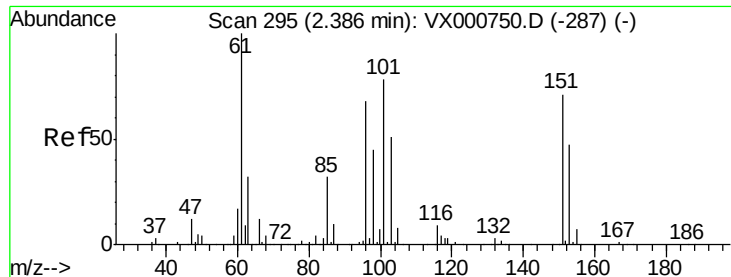


#8

Diethyl Ether
 Concen: 19.084 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Tgt Ion: 74 Resp: 30110
 Ion Ratio Lower Upper
 74 100
 45 99.9 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.976 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

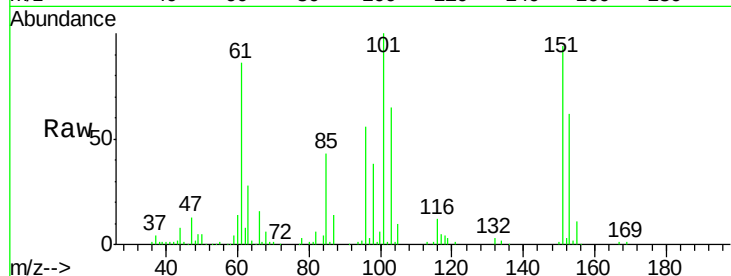
Tot Ion:101 Resp: 47257

Ion Ratio Lower Upper

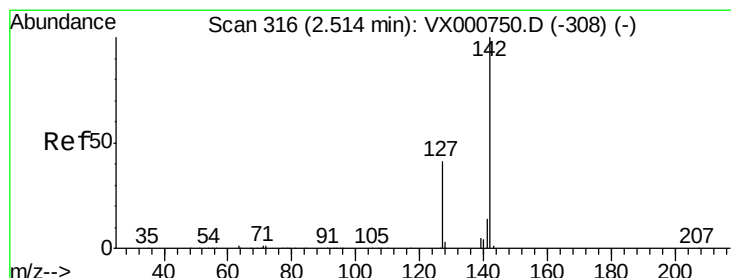
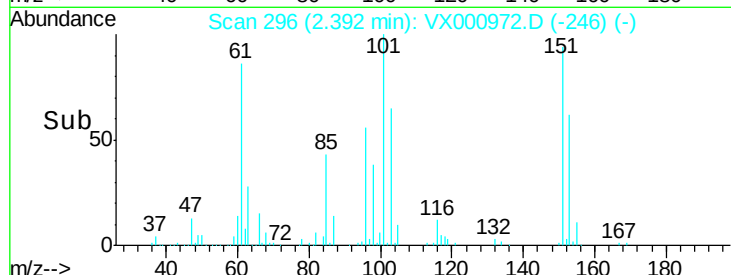
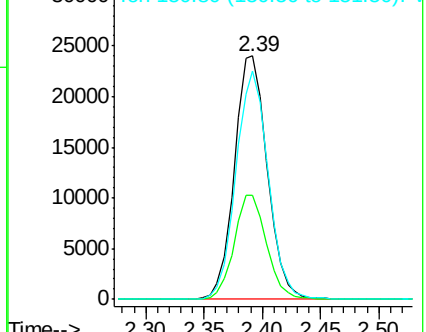
101 100

85 42.2 34.0 51.0

151 92.6 75.8 113.8



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: 21.401 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

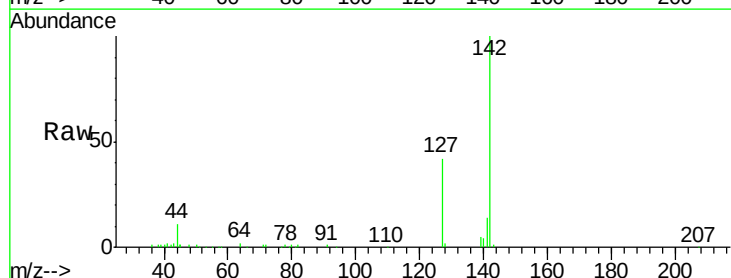
Tgt Ion:142 Resp: 30557

Ion Ratio Lower Upper

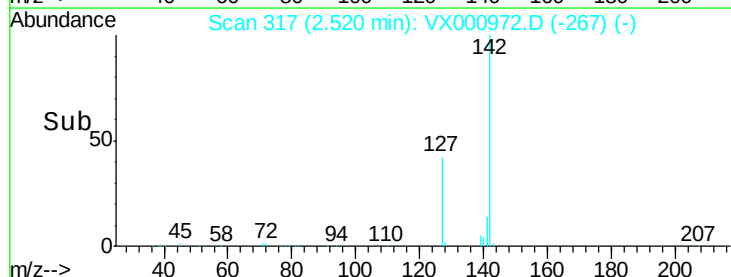
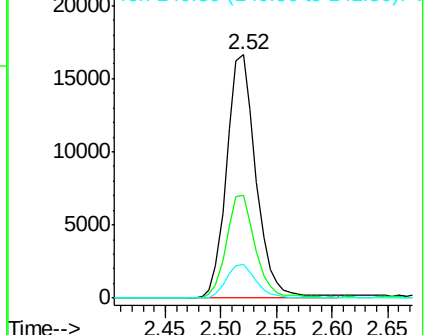
142 100

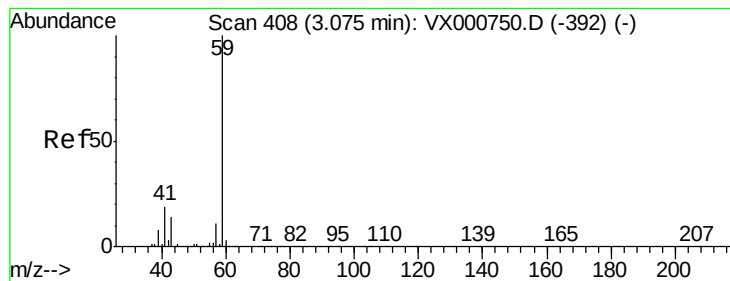
127 41.4 32.6 49.0

141 13.9 11.5 17.3



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



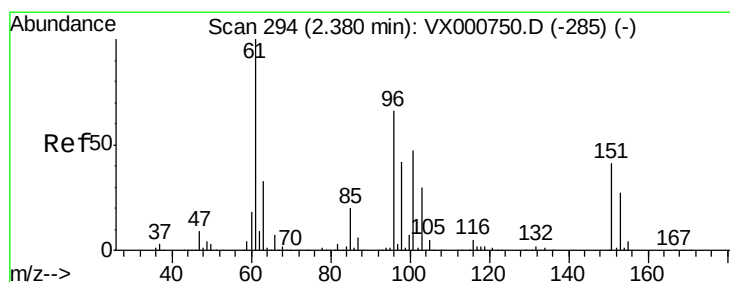
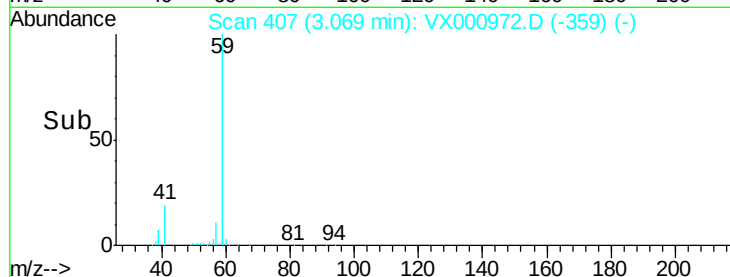
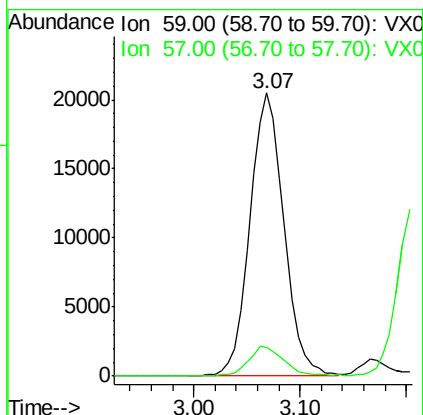
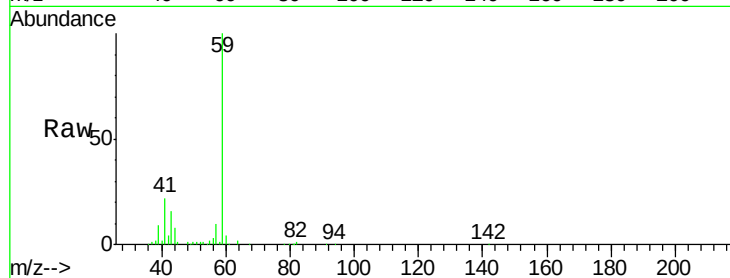


#11

Tert butyl alcohol
 Concen: 79.793 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Instrument :
 MSVOA_X
 ClientSampled :

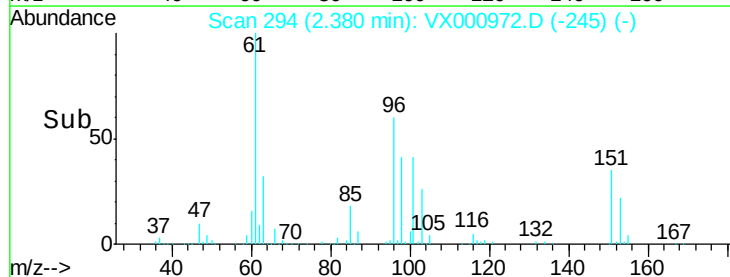
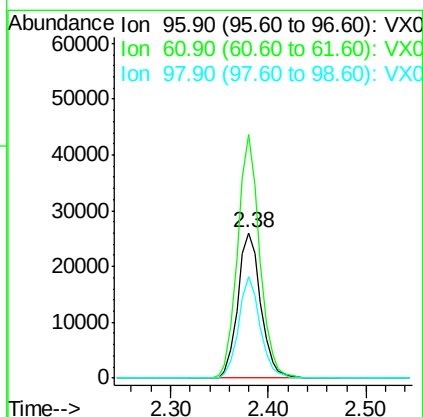
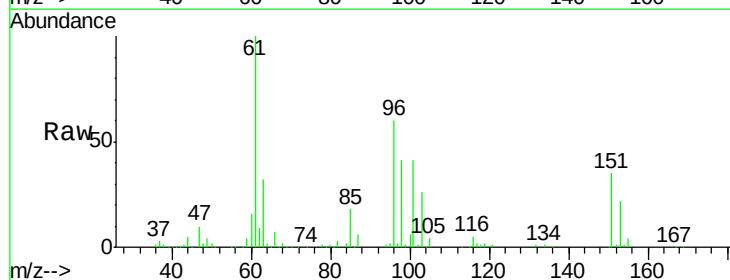
Tot Ion: 59 Resp: 45934
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.4 12.6

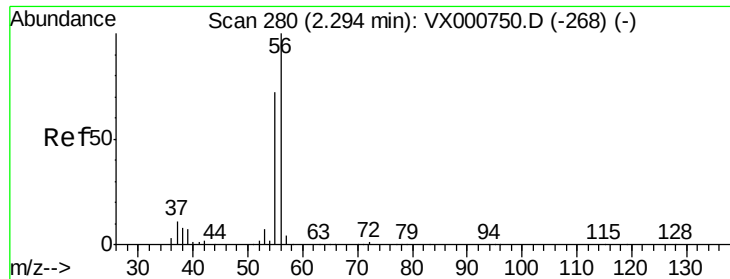


#12

1,1-Dichloroethene
 Concen: 17.999 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Tgt Ion: 96 Resp: 42480
 Ion Ratio Lower Upper
 96 100
 61 167.4 120.5 180.7
 98 69.4 50.9 76.3





#13

Acrolein

Concen: 39.208 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

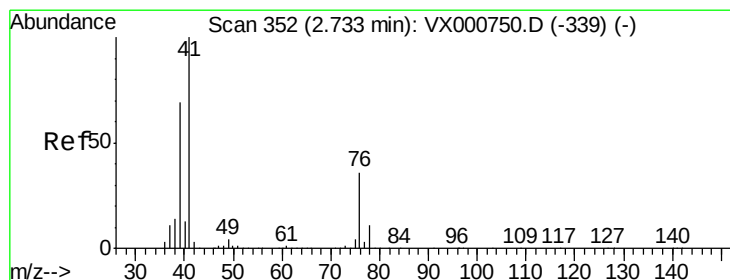
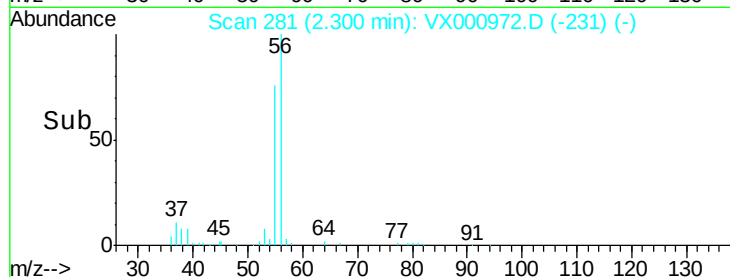
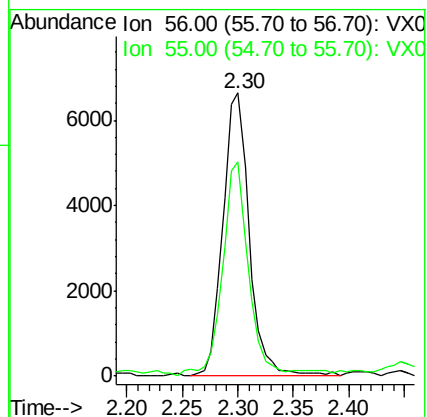
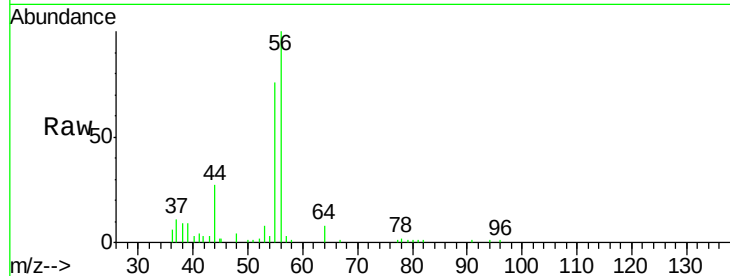
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 10961

Ion Ratio Lower Upper

56 100

55 73.8 58.7 88.1



#14

Allyl chloride

Concen: 18.079 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

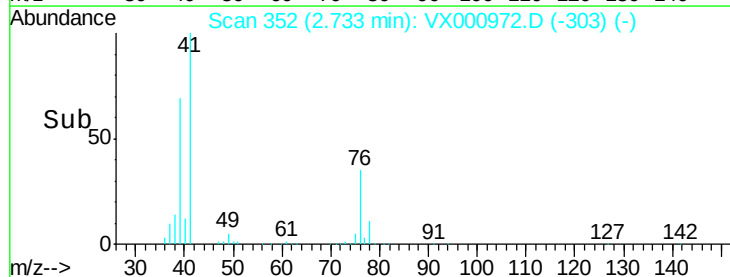
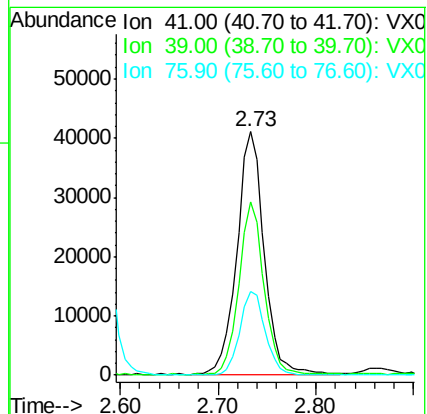
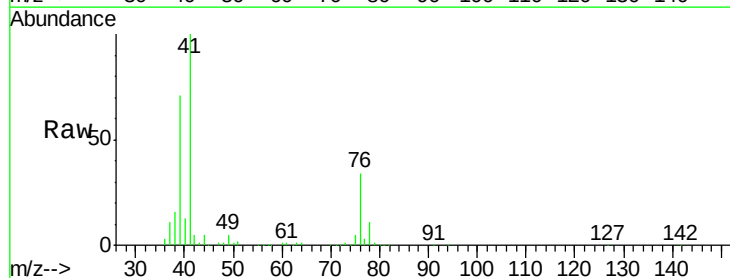
Tgt Ion: 41 Resp: 78897

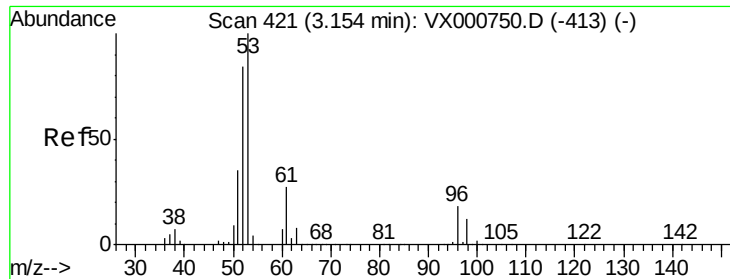
Ion Ratio Lower Upper

41 100

39 65.2 51.5 77.3

76 32.3 26.5 39.7





#15

Acrylonitrile

Concen: 98.538 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

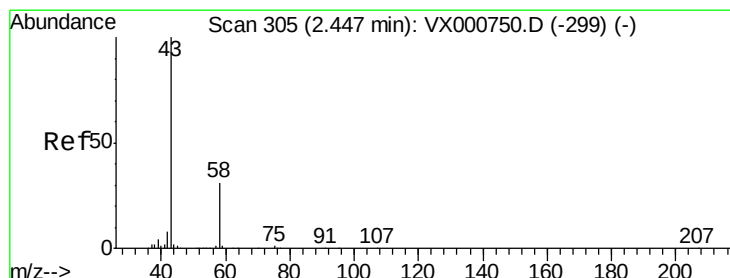
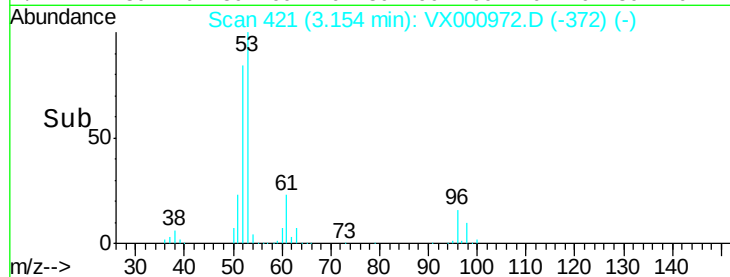
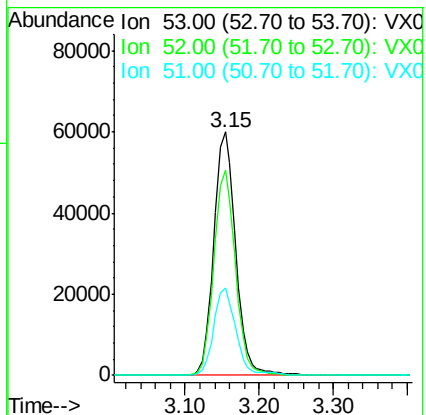
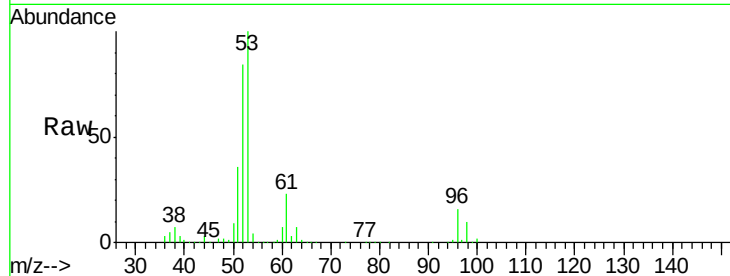
Tot Ion: 53 Resp: 120938

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

51 37.1 28.8 43.2



#16

Acetone

Concen: 105.690 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000972.D

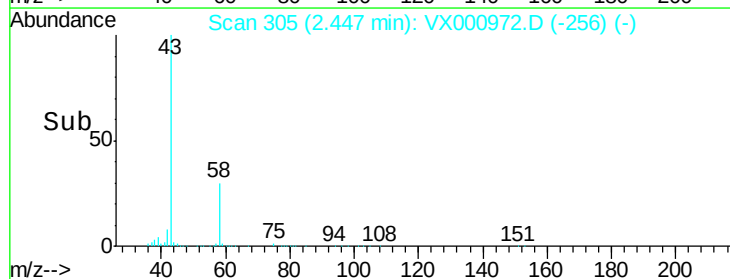
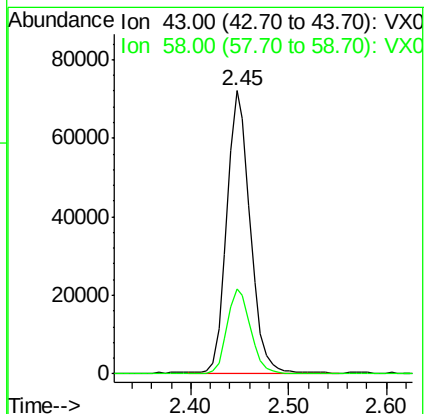
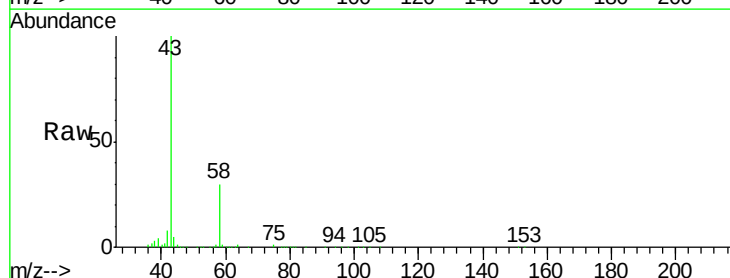
Acq: 17 Apr 2018 18:33

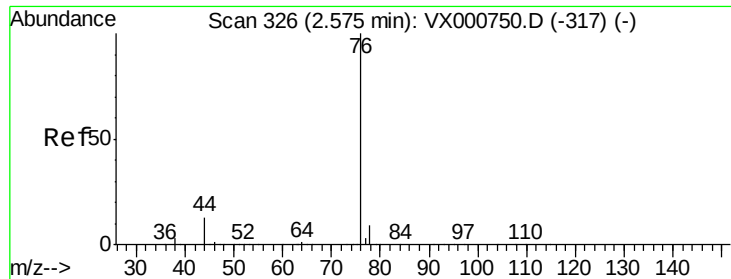
Tgt Ion: 43 Resp: 118176

Ion Ratio Lower Upper

43 100

58 29.9 24.6 37.0





#17

Carbon Disulfide

Concen: 13.497 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

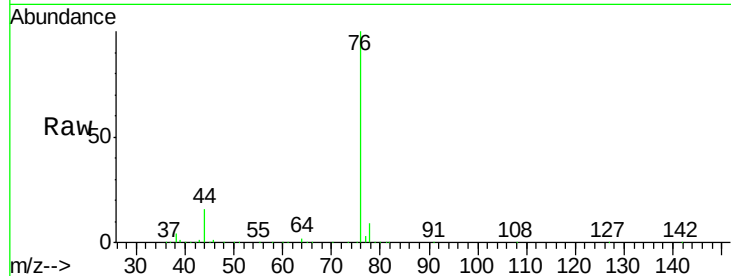
ClientSampleId :

Tot Ion: 76 Resp: 96457

Ion Ratio Lower Upper

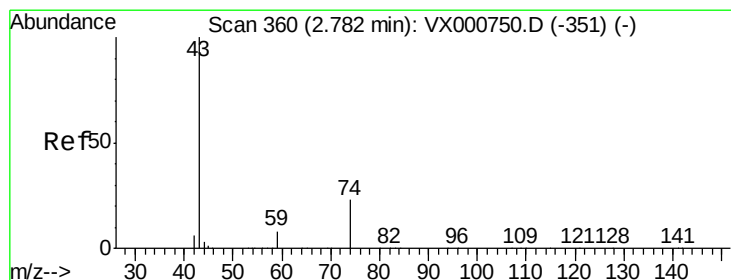
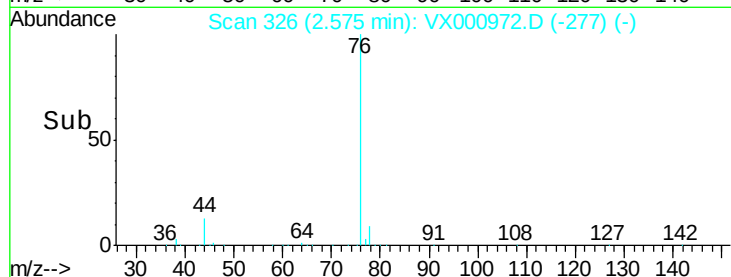
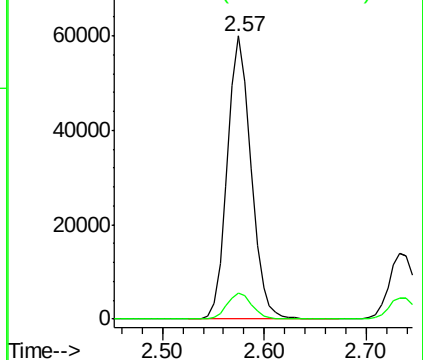
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.577 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000972.D

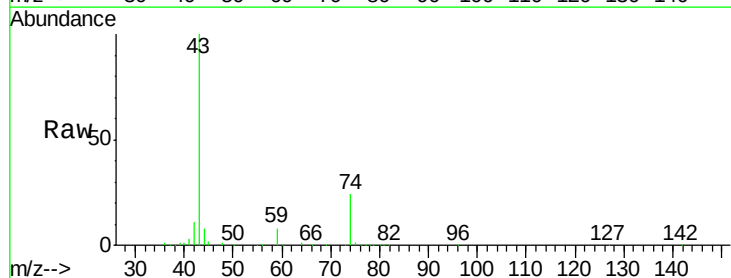
Acq: 17 Apr 2018 18:33

Tgt Ion: 43 Resp: 62434

Ion Ratio Lower Upper

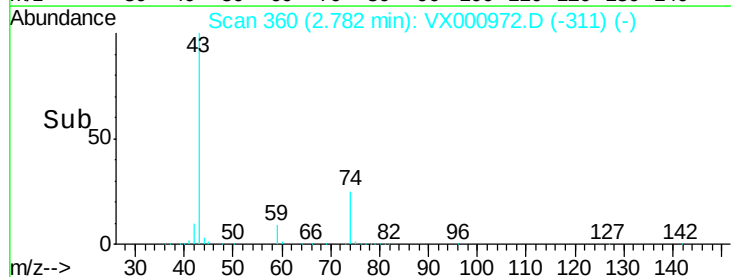
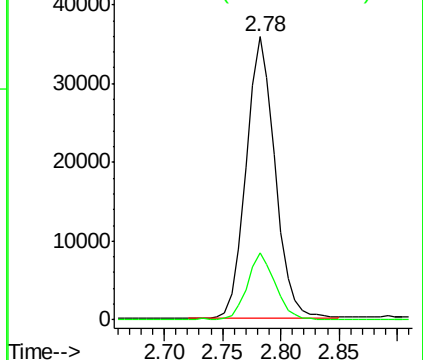
43 100

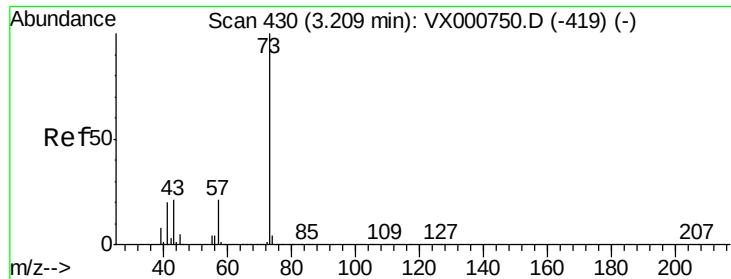
74 23.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

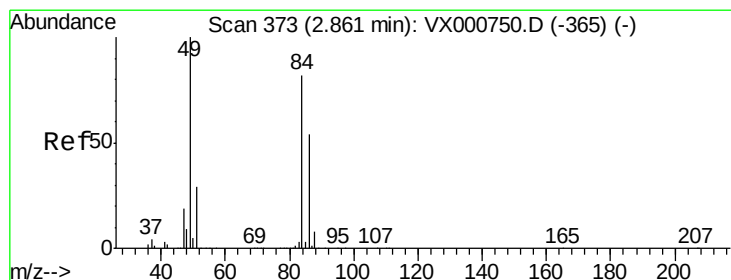
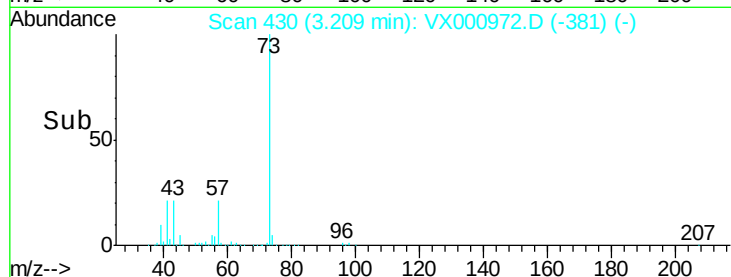
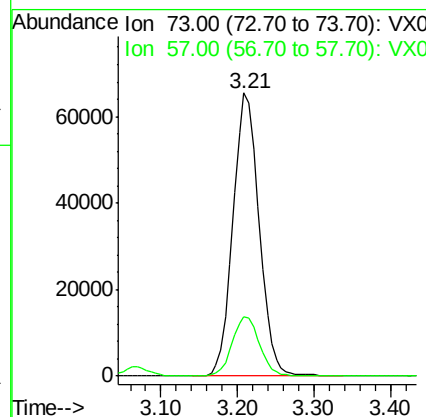
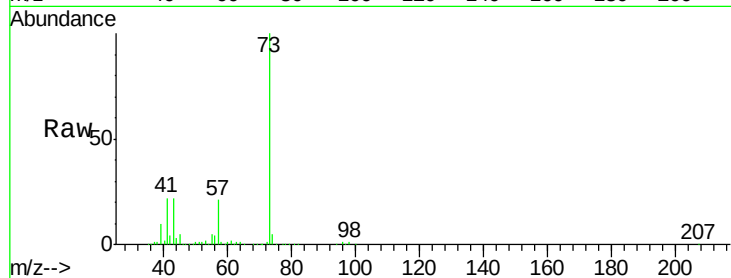




#19
Methyl tert-butyl Ether
Concen: 19.733 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

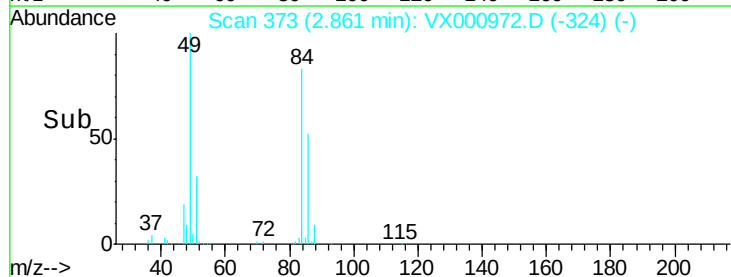
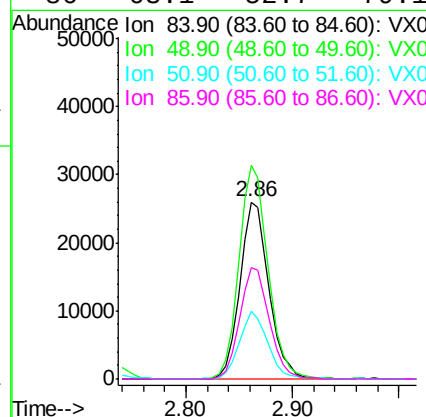
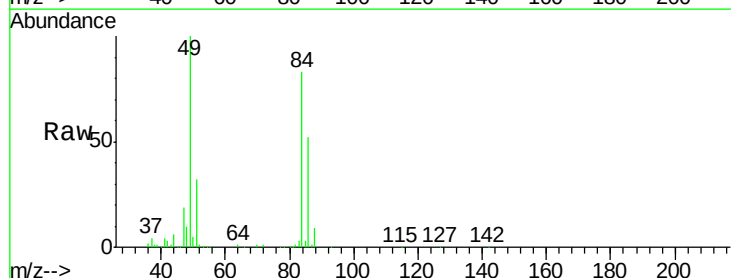
Instrument :
MSVOA_X
ClientSampled :

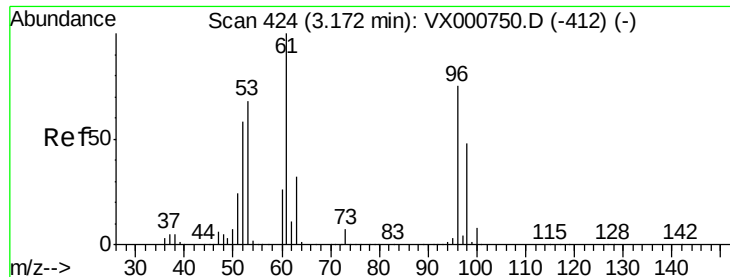
Tot Ion: 73 Resp: 155126
Ion Ratio Lower Upper
73 100
57 21.1 16.9 25.3



#20
Methylene Chloride
Concen: 19.079 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion: 84 Resp: 49618
Ion Ratio Lower Upper
84 100
49 120.7 98.1 147.1
51 38.3 28.9 43.3
86 63.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 17.877 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

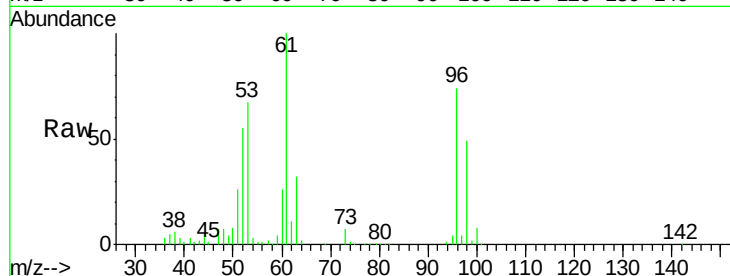
Tot Ion: 96 Resp: 46527

Ion Ratio Lower Upper

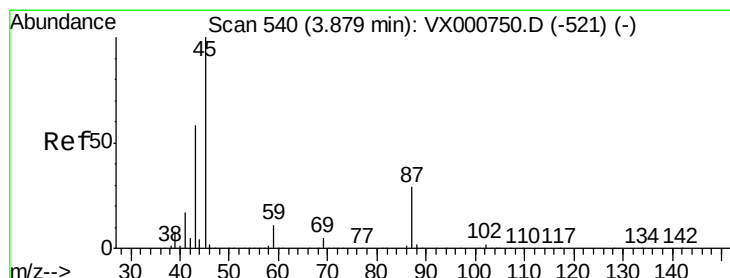
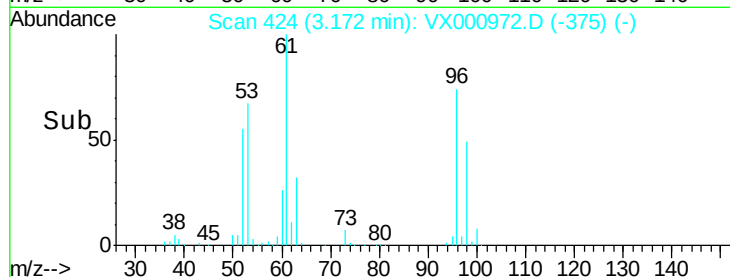
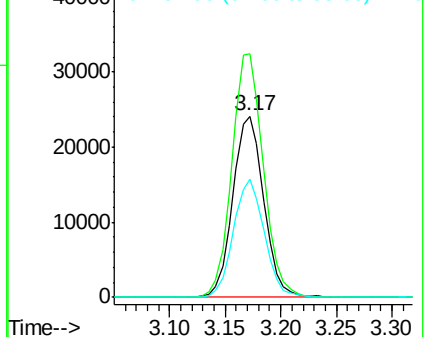
96 100

61 134.6 106.2 159.2

98 65.4 51.2 76.8



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: 20.369 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Tgt Ion: 45 Resp: 163369

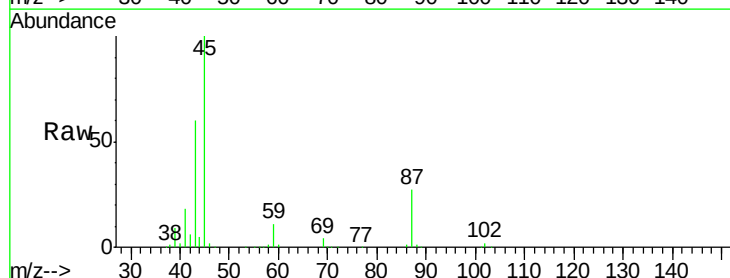
Ion Ratio Lower Upper

45 100

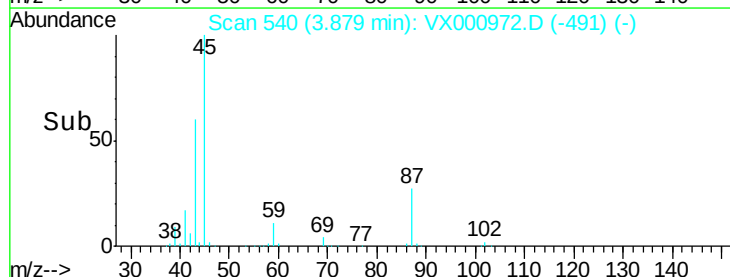
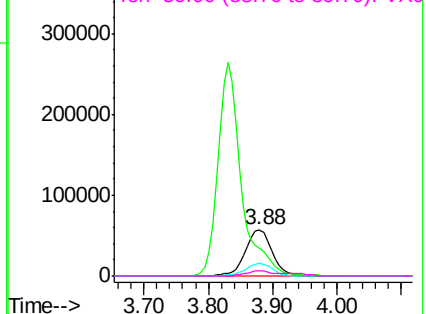
43 59.6 46.6 69.8

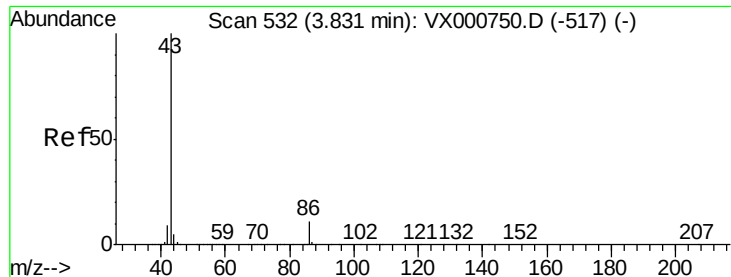
87 27.4 22.9 34.3

59 11.4 9.2 13.8



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: 96.346 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

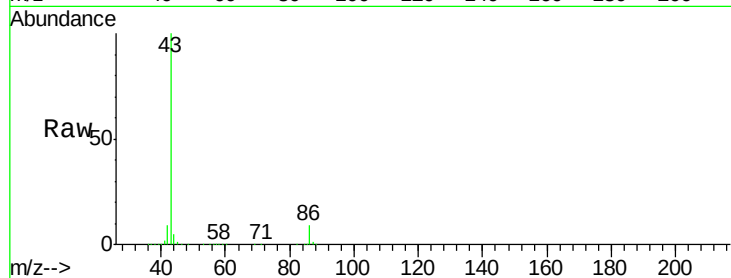
ClientSampled :

Tot Ion: 43 Resp: 678434

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

3.83

250000

200000

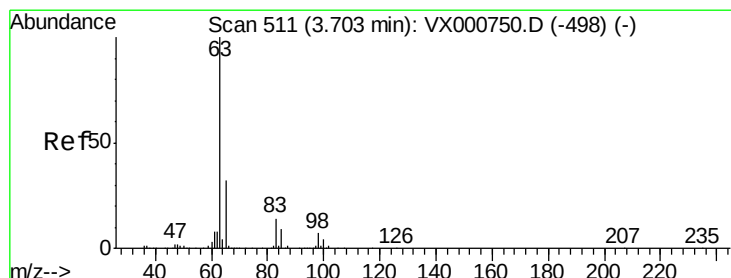
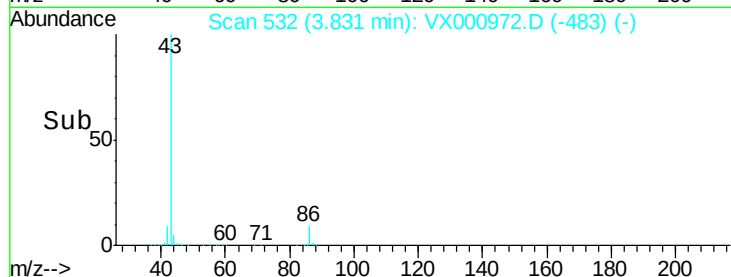
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 19.743 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

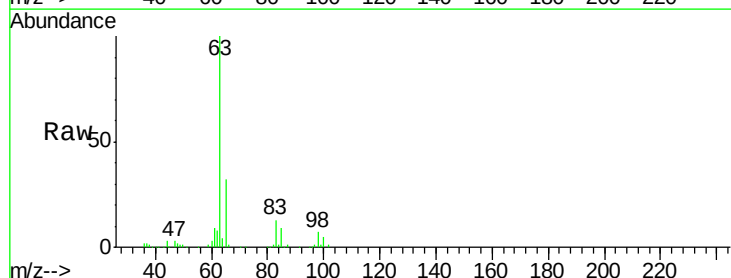
Tgt Ion: 63 Resp: 88852

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

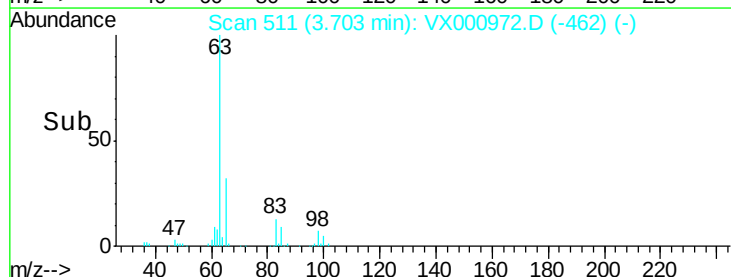
30000

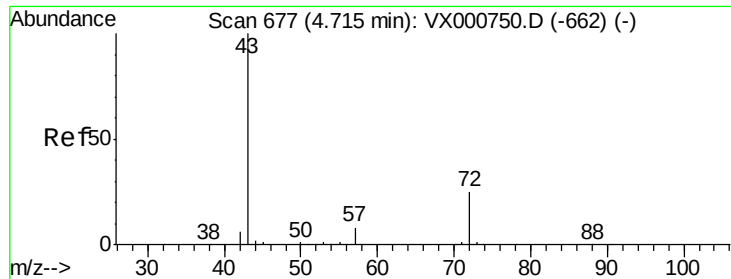
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 96.780 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

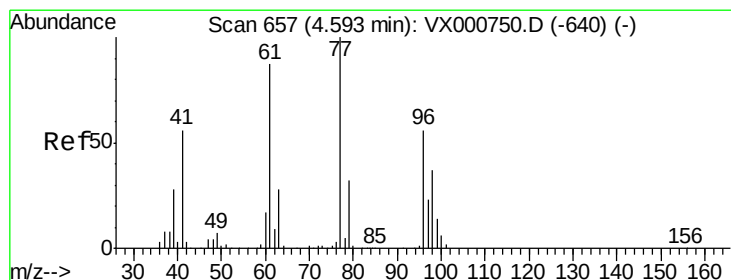
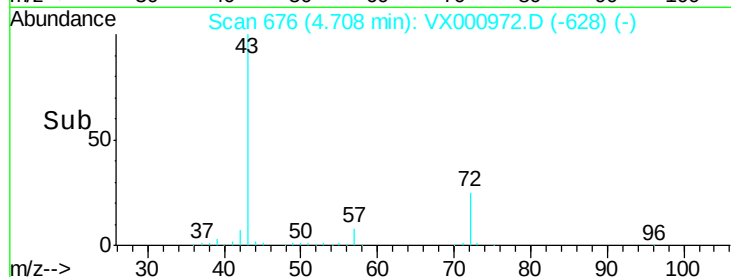
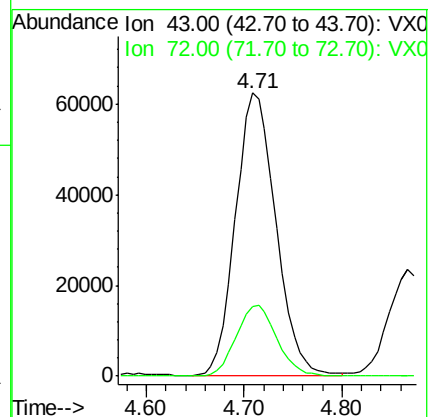
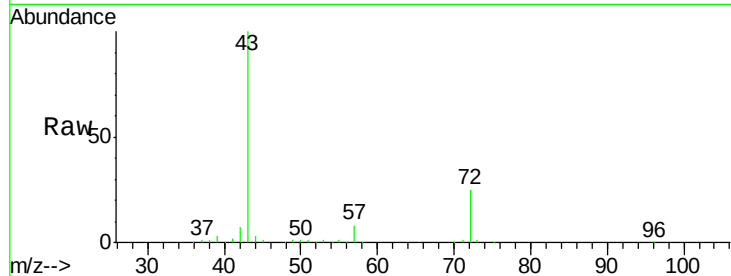
ClientSampleId :

Tot Ion: 43 Resp: 178699

Ion Ratio Lower Upper

43 100

72 24.7 20.3 30.5



#26

2,2-Dichloropropane

Concen: 16.551 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000972.D

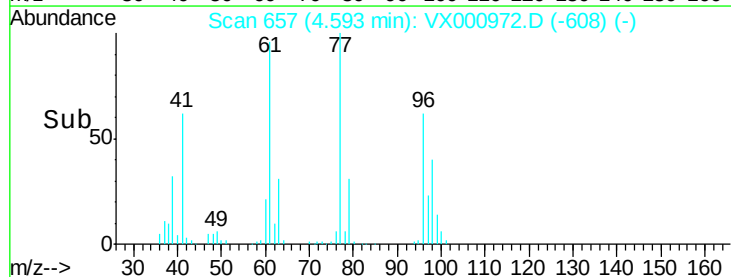
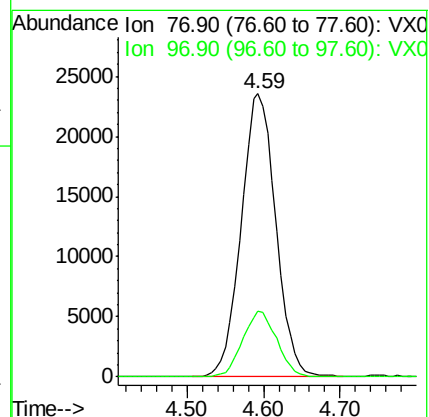
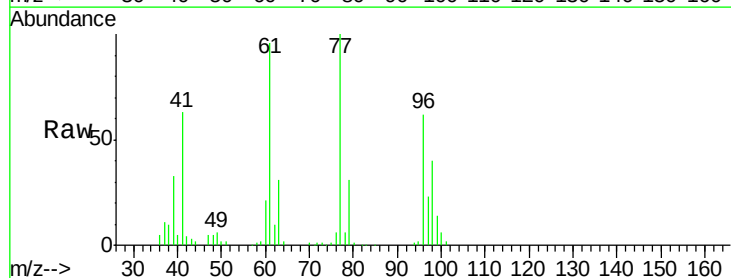
Acq: 17 Apr 2018 18:33

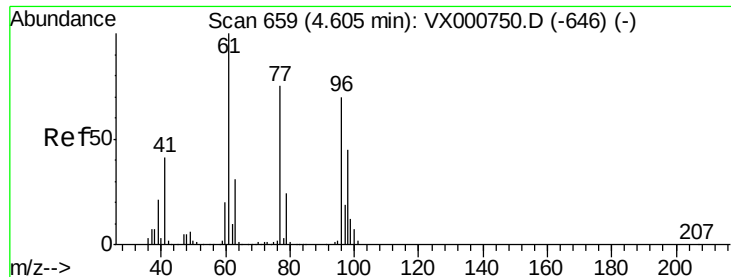
Tgt Ion: 77 Resp: 73931

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



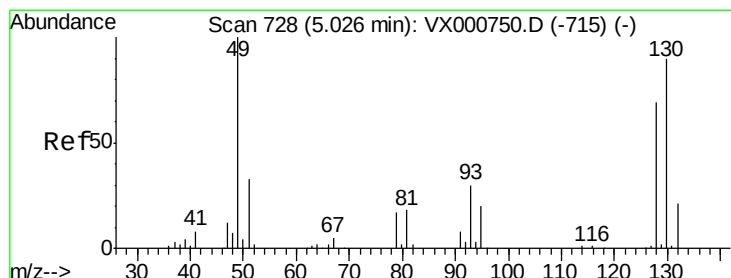
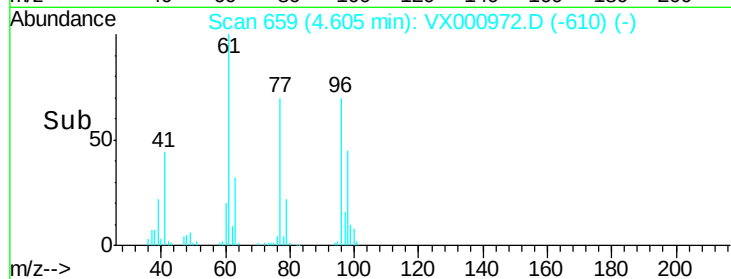
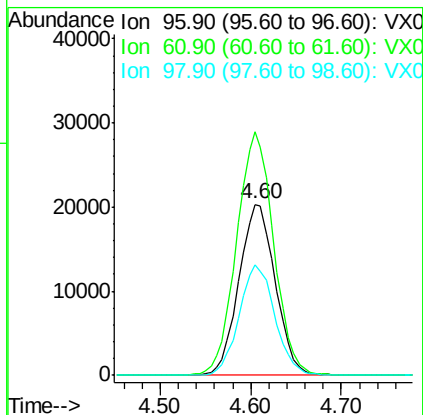
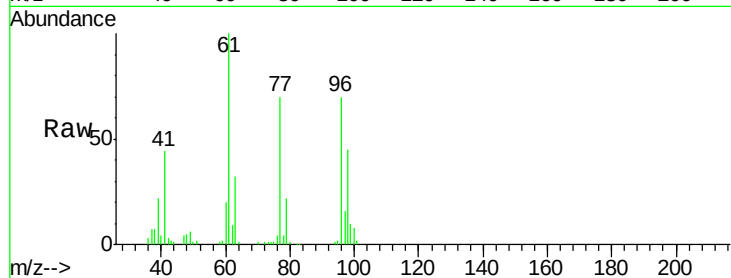


#27

cis-1,2-Dichloroethene
 Concen: 19.019 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Instrument :
 MSVOA_X
 ClientSampleId :

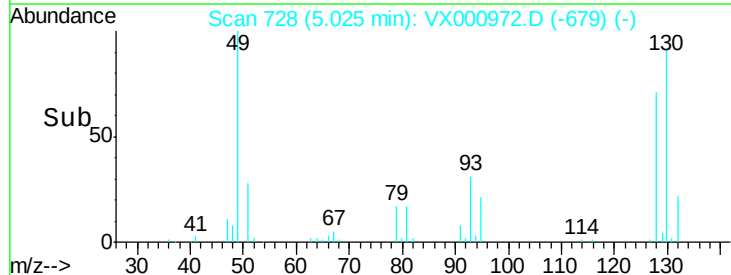
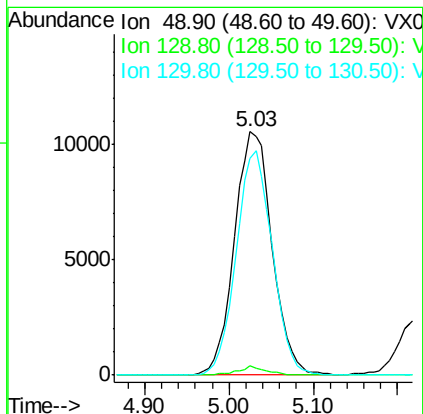
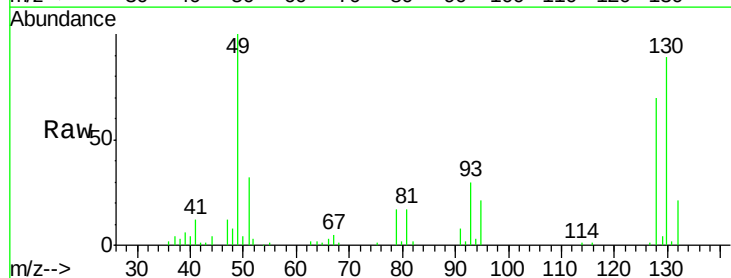
Tot Ion: 96 Resp: 56174
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 292.4
 98 63.9 0.0 130.2

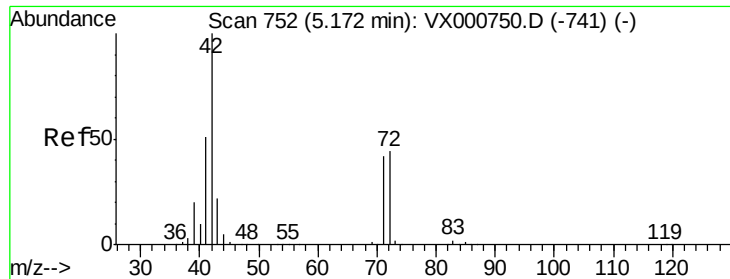


#28

Bromochloromethane
 Concen: 17.598 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Tgt Ion: 49 Resp: 31891
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 88.0 72.6 109.0

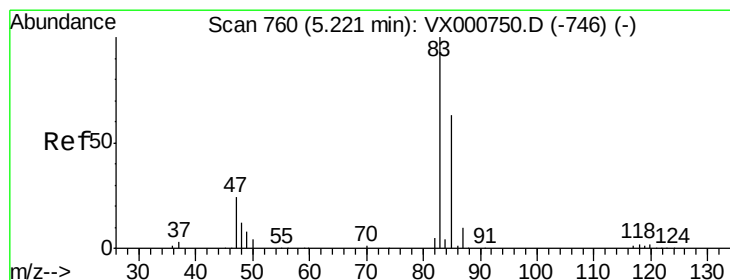
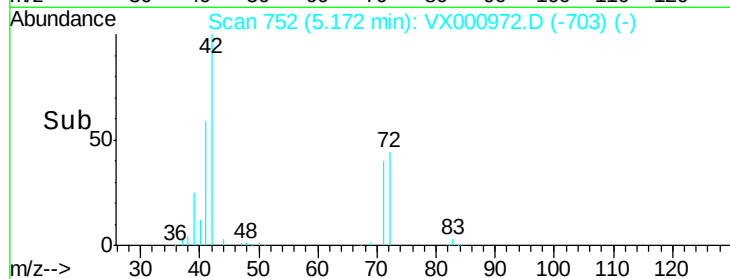
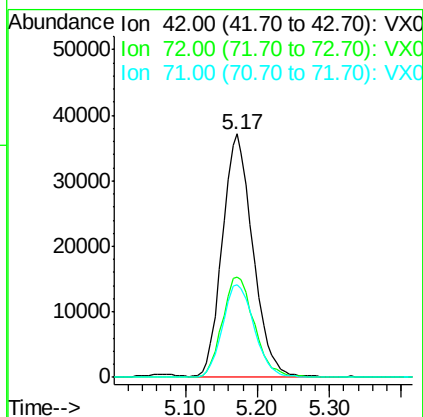
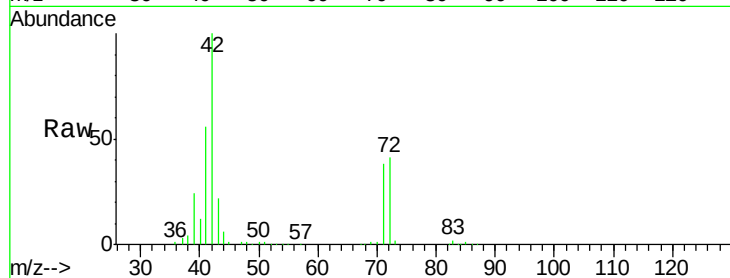




#29
Tetrahydrofuran
Concen: 93.165 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

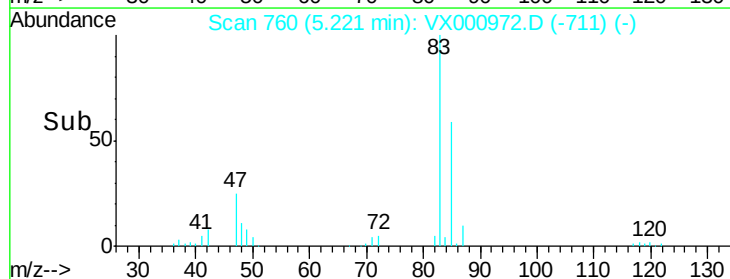
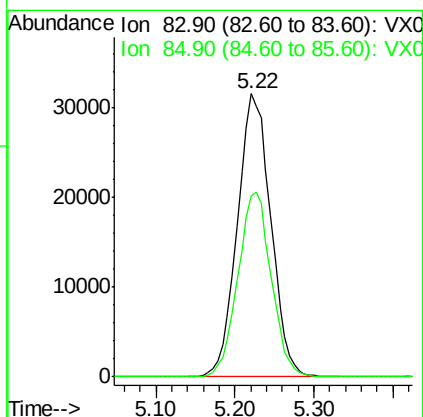
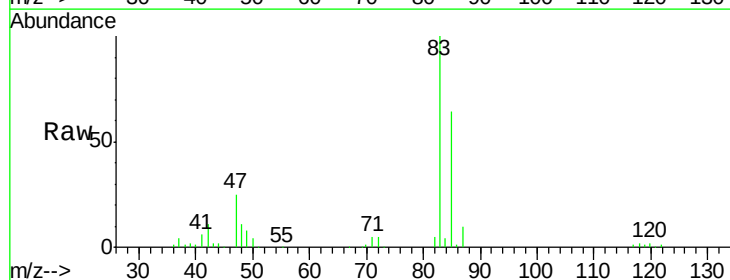
Instrument :
MSVOA_X
ClientSampled :

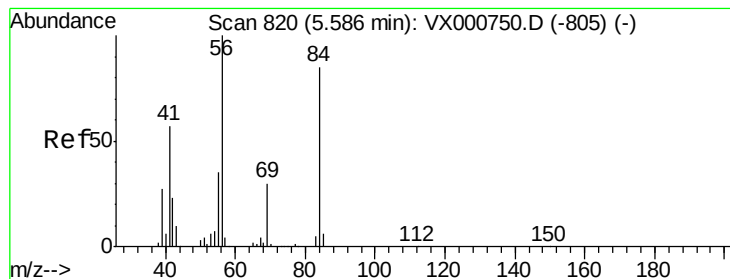
Tot Ion: 42 Resp: 109226
Ion Ratio Lower Upper
42 100
72 43.2 35.1 52.7
71 39.7 32.8 49.2



#30
Chloroform
Concen: 19.513 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion: 83 Resp: 92977
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1





#31

Cyclohexane

Concen: 17.372 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

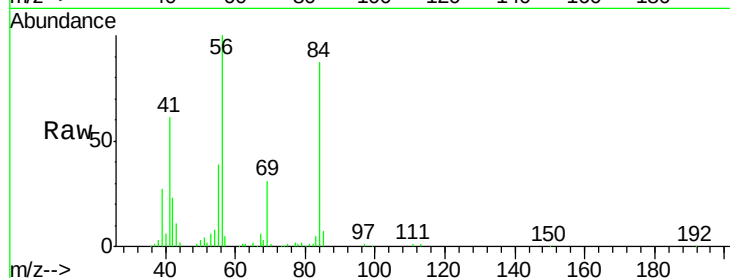
Tot Ion: 56 Resp: 74244

Ion Ratio Lower Upper

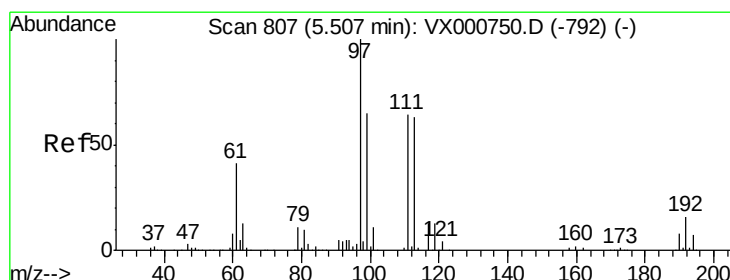
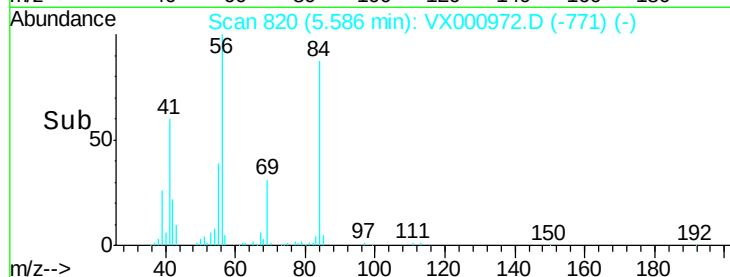
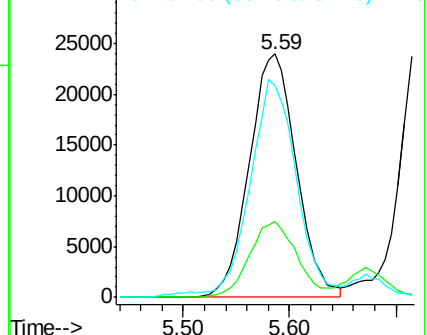
56 100

69 31.0 24.2 36.4

84 84.8 67.6 101.4



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: 18.028 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

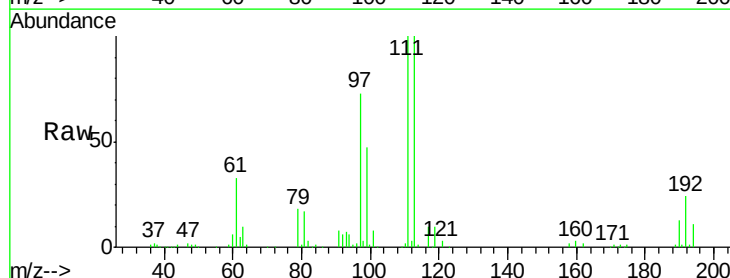
Tgt Ion: 97 Resp: 81837

Ion Ratio Lower Upper

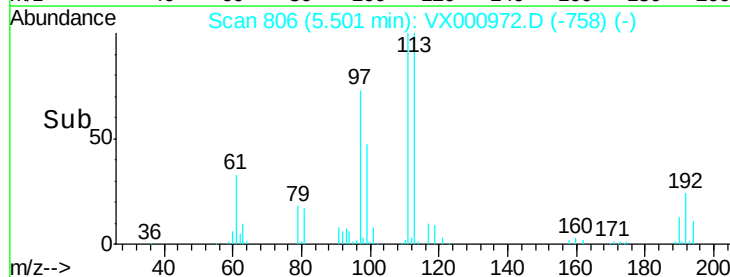
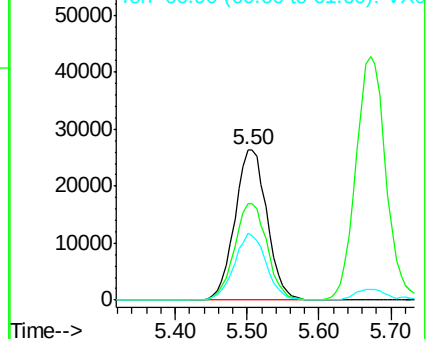
97 100

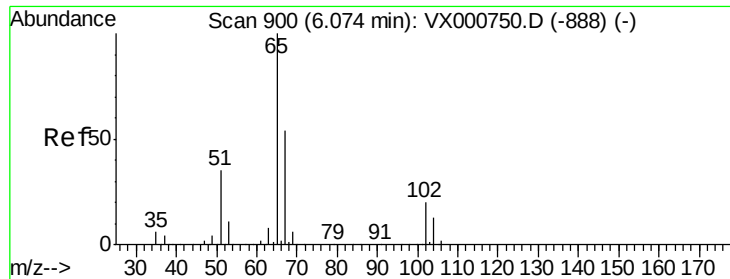
99 64.5 51.4 77.0

61 43.8 33.7 50.5



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

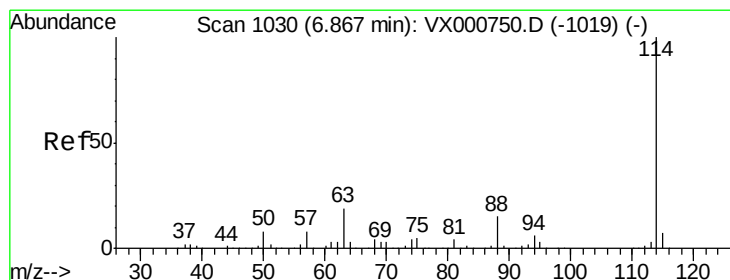
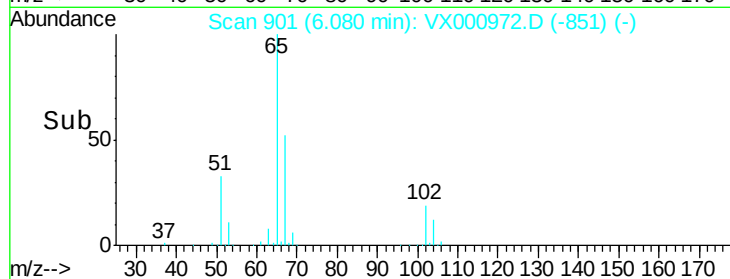
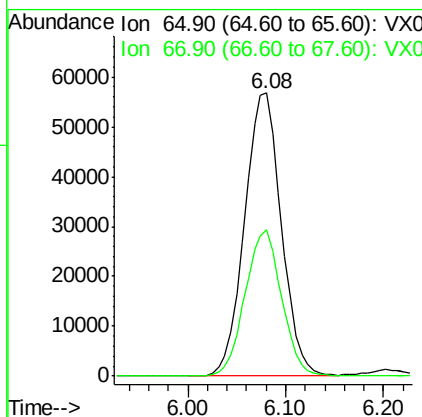
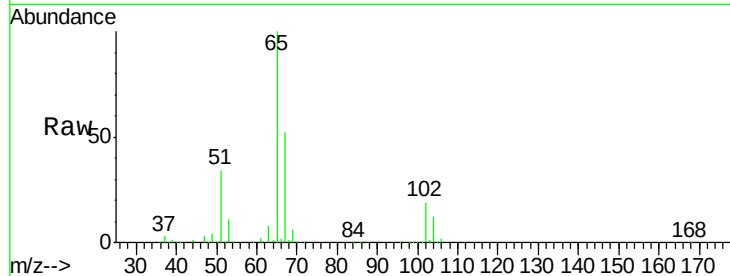




#33
 1,2-Dichloroethane-d4
 Concen: 45.648 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

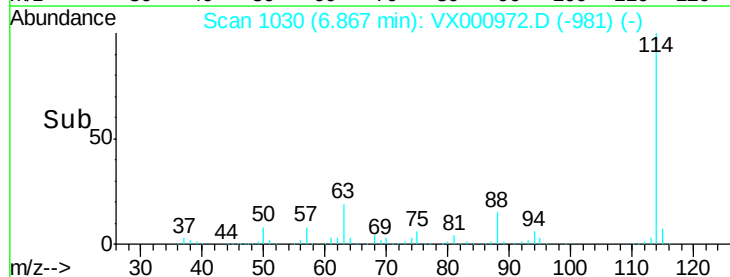
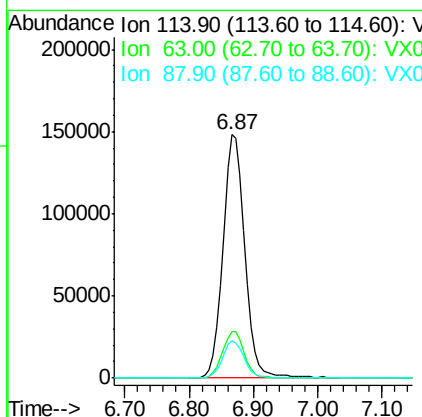
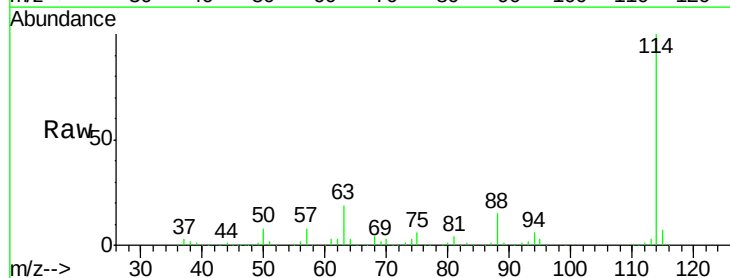
Instrument :
 MSVOA_X
 ClientSampleId :

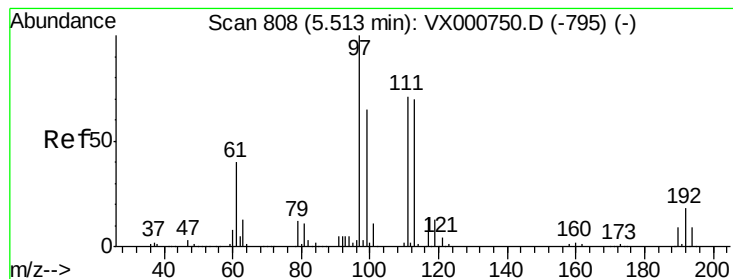
Tot Ion: 65 Resp: 148010
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Tgt Ion: 114 Resp: 355952
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 44.212 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

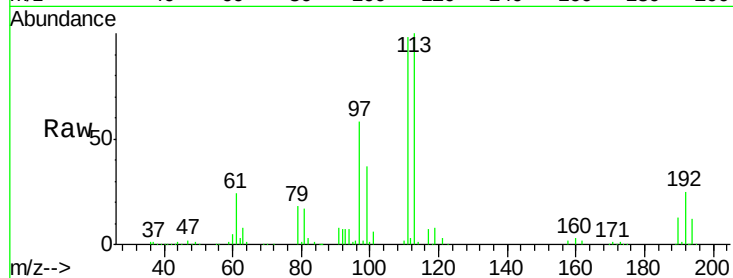
Tot Ion:113 Resp: 121248

Ion Ratio Lower Upper

113 100

111 101.0 81.5 122.3

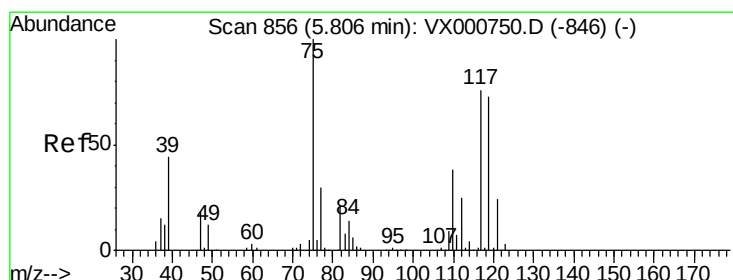
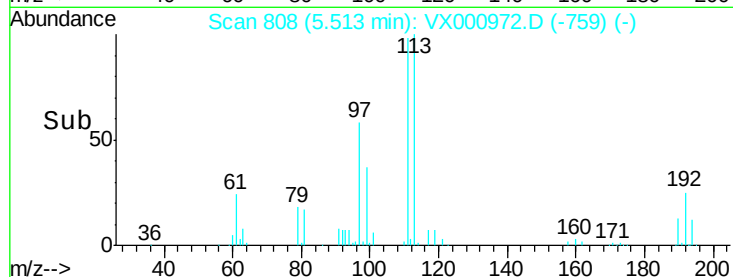
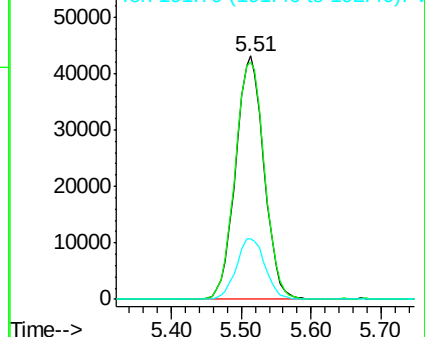
192 25.5 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.409 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

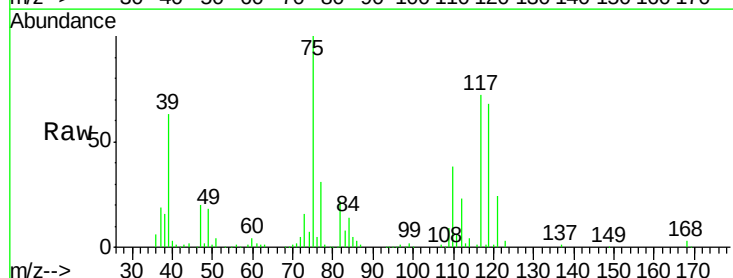
Tgt Ion: 75 Resp: 68248

Ion Ratio Lower Upper

75 100

110 38.3 19.2 57.6

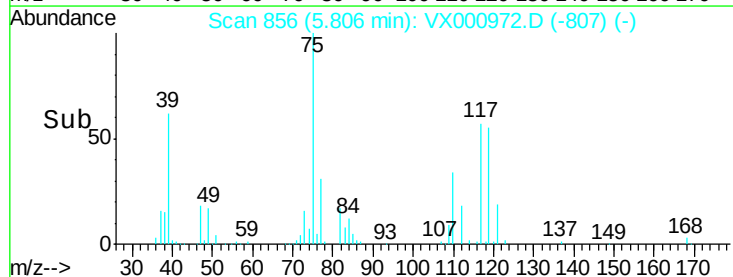
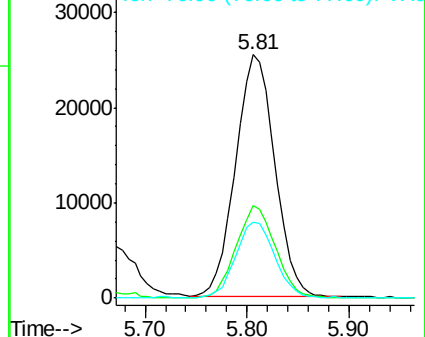
77 31.6 25.4 38.2

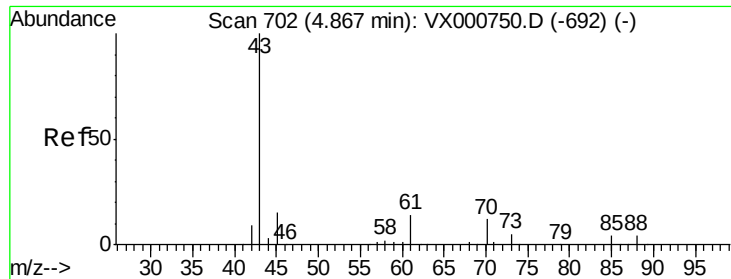


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

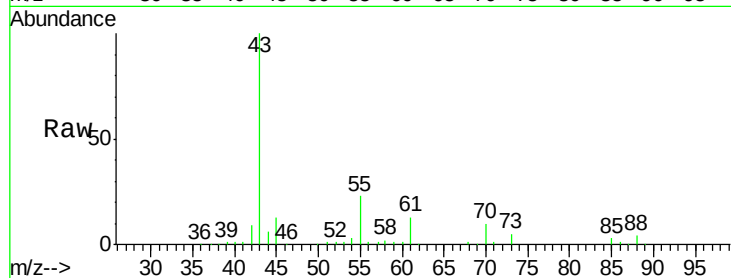




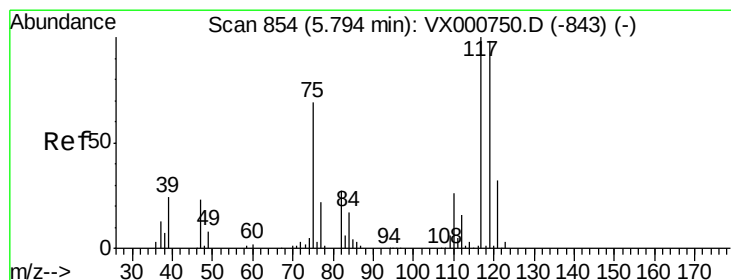
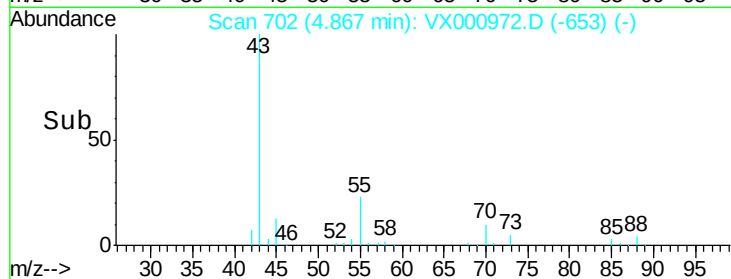
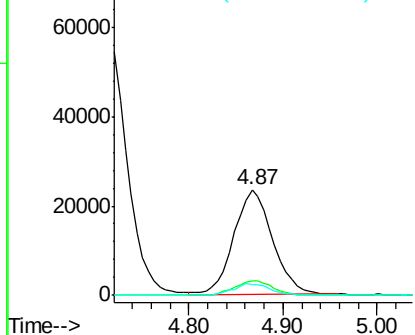
#37
Ethyl Acetate
Concen: 17.524 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 67063
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 10.8 8.7 13.1

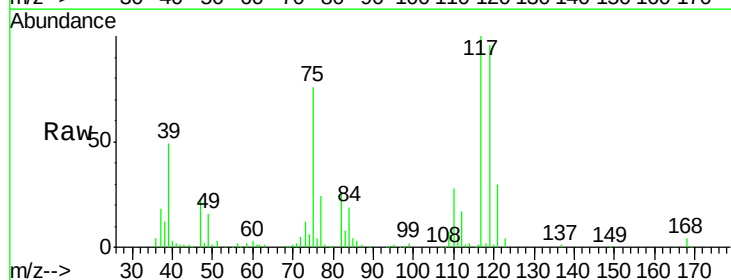


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

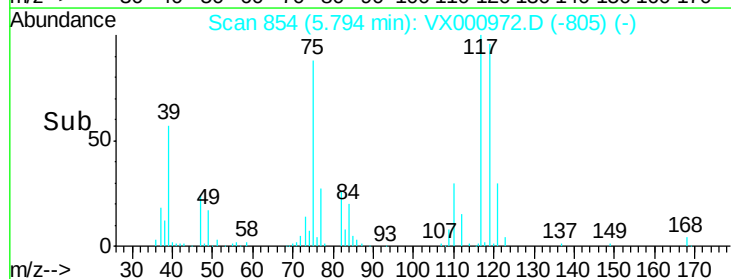
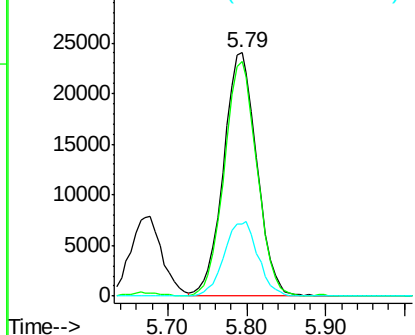


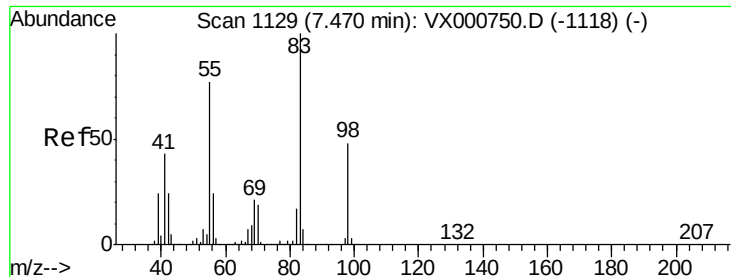
#38
Carbon Tetrachloride
Concen: 16.114 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion: 117 Resp: 70705
Ion Ratio Lower Upper
117 100
119 96.1 78.4 117.6
121 29.8 25.4 38.0



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

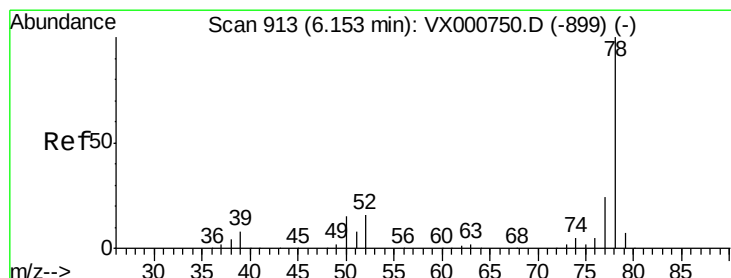
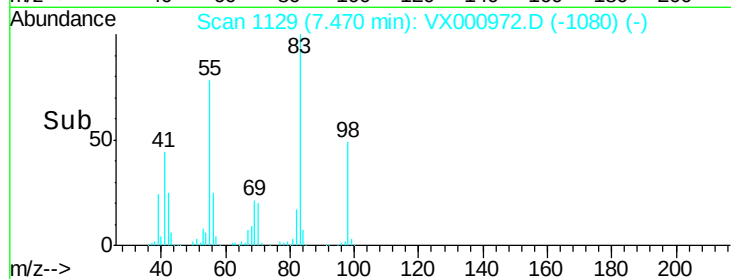
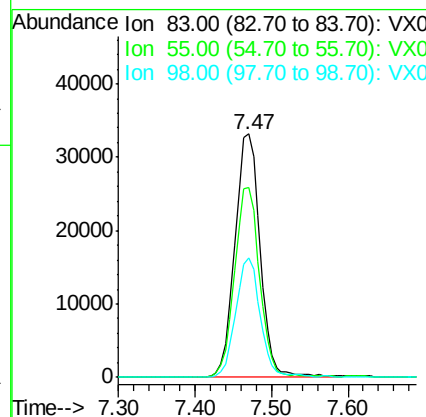
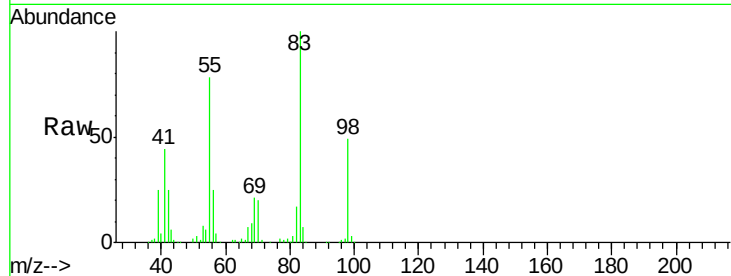




#39
Methylvlcyclohexane
Concen: 16.168 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

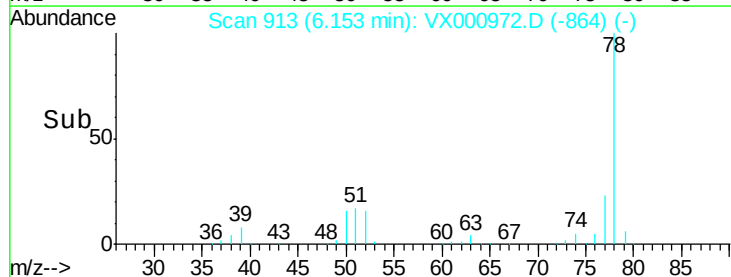
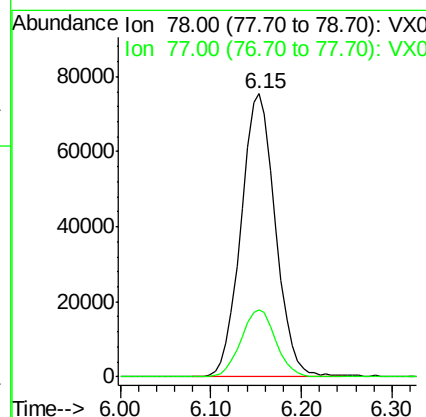
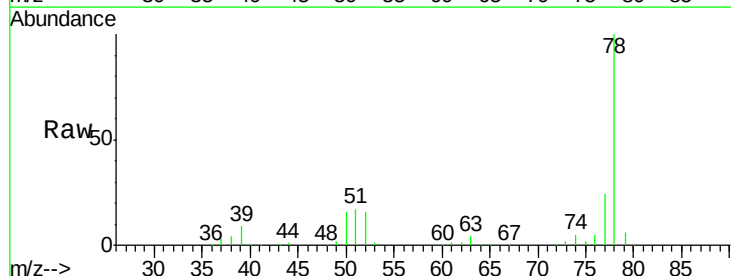
Instrument :
MSVOA_X
ClientSampled :

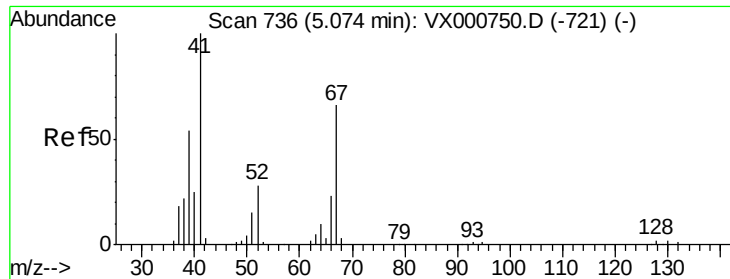
Tot Ion: 83 Resp: 76112
Ion Ratio Lower Upper
83 100
55 78.2 61.5 92.3
98 49.2 38.1 57.1



#40
Benzene
Concen: 18.183 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion: 78 Resp: 198055
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

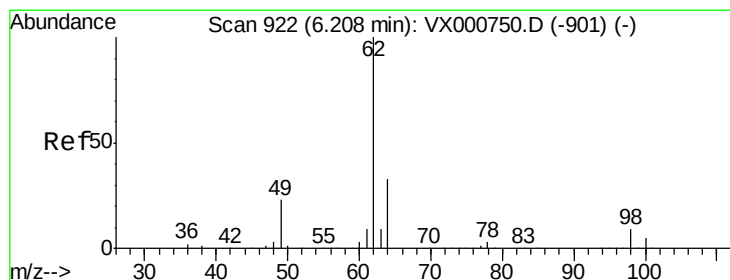
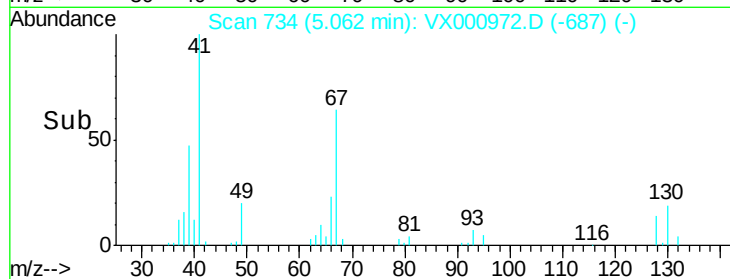
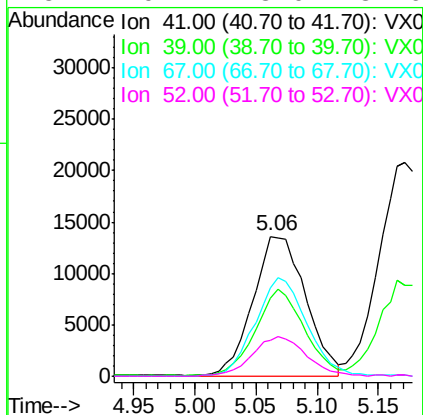
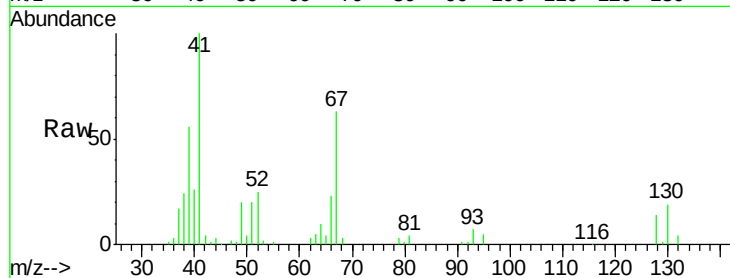




#41
Methacrylonitrile
Concen: 18.407 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

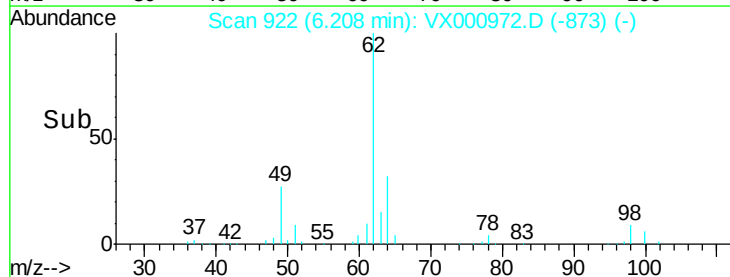
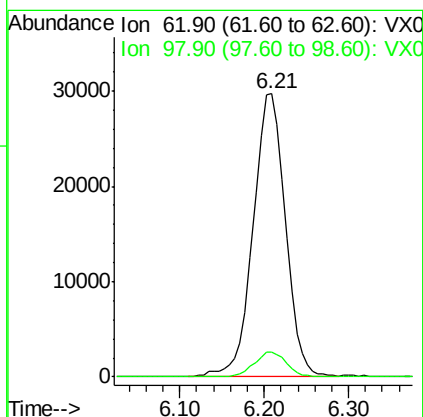
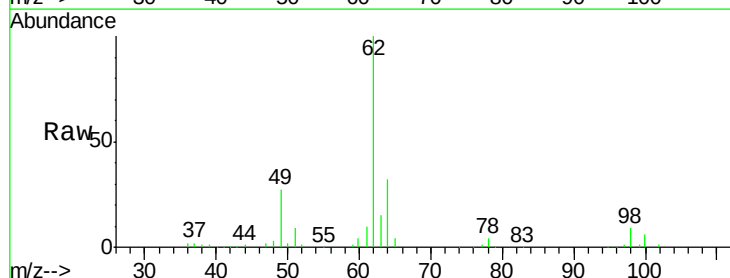
Instrument :
MSVOA_X
ClientSampled :

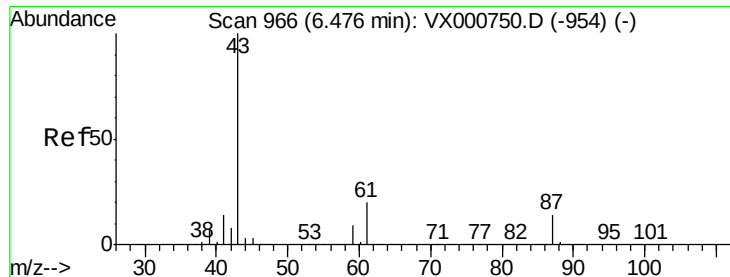
Tot Ion:	41	Resp:	40696
Ion	Ratio	Lower	Upper
41	100		
39	58.4	44.9	67.3
67	69.6	54.7	82.1
52	29.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.240 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion:	62	Resp:	78271
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 17.417 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

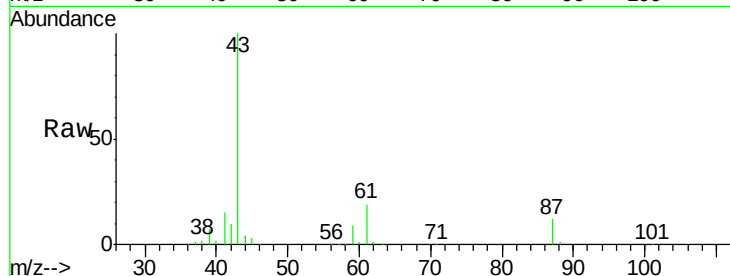
Tot Ion: 43 Resp: 114276

Ion Ratio Lower Upper

43 100

61 19.2 15.6 23.4

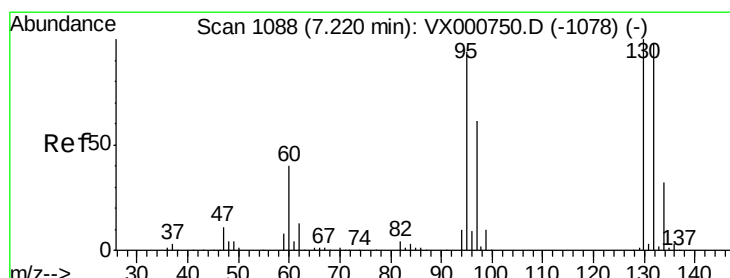
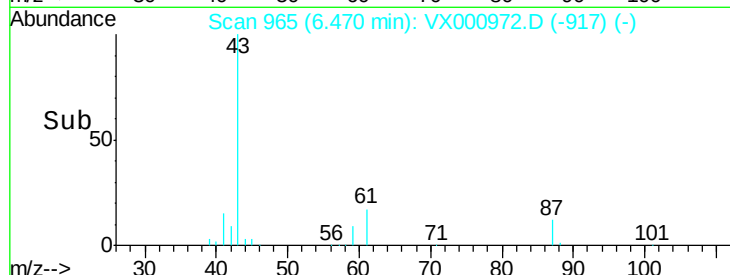
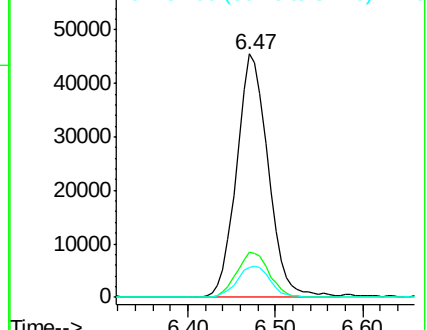
87 13.3 10.7 16.1



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: 17.877 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000972.D

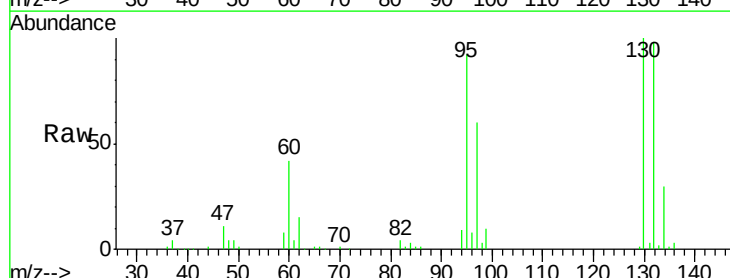
Acq: 17 Apr 2018 18:33

Tgt Ion:130 Resp: 60560

Ion Ratio Lower Upper

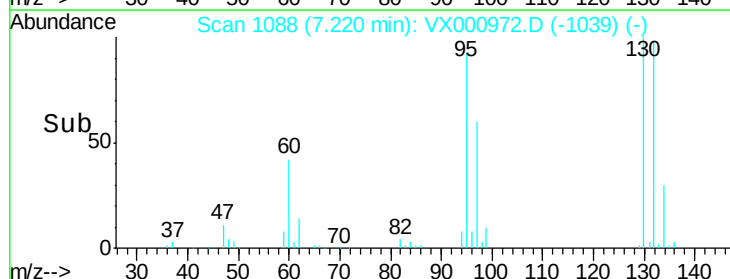
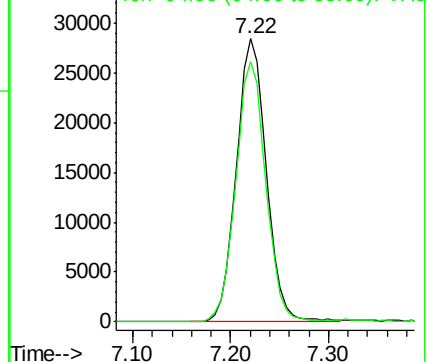
130 100

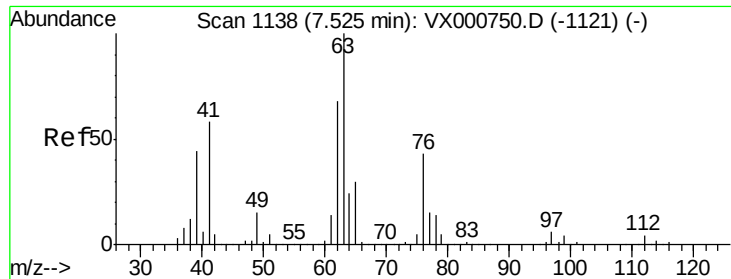
95 92.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.155 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

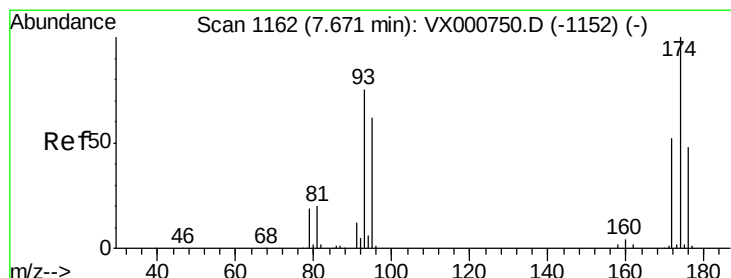
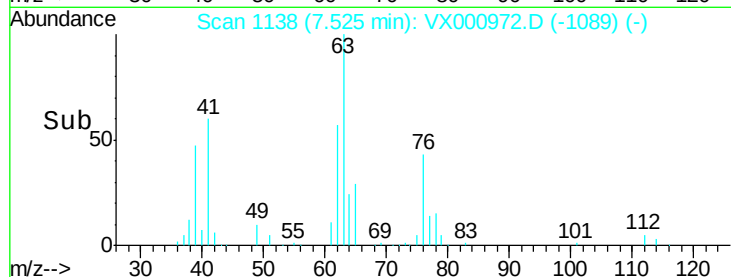
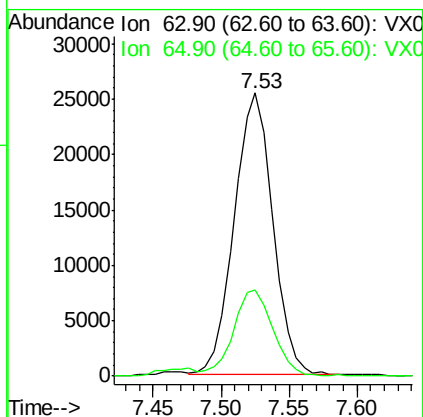
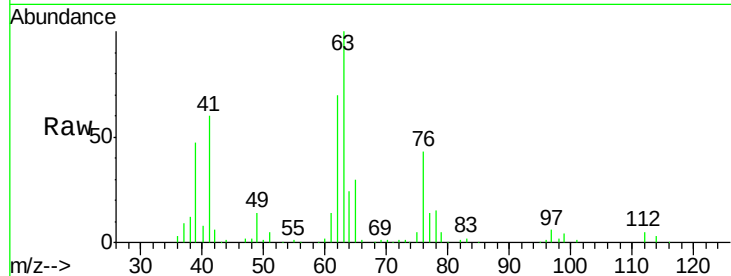
ClientSampled :

Tot Ion: 63 Resp: 50358

Ion Ratio Lower Upper

63 100

65 30.1 23.7 35.5



#46

Dibromomethane

Concen: 17.976 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

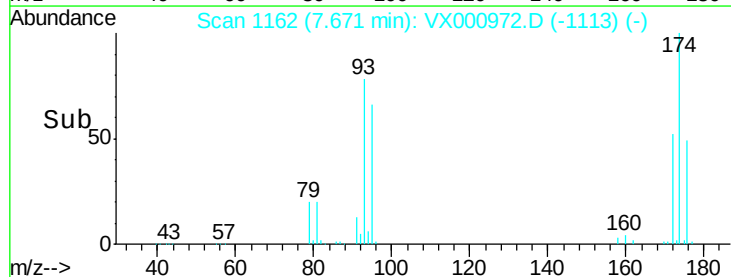
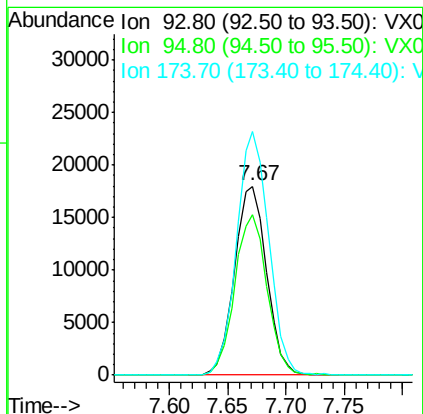
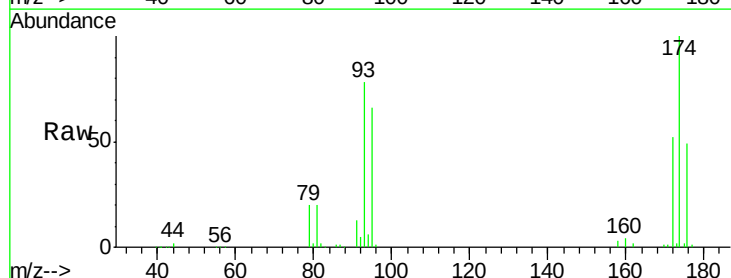
Tgt Ion: 93 Resp: 34763

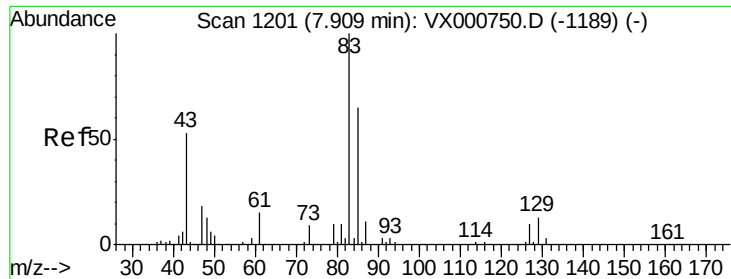
Ion Ratio Lower Upper

93 100

95 85.2 66.6 100.0

174 128.5 104.5 156.7





#47

Bromodichloromethane

Concen: 16.581 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

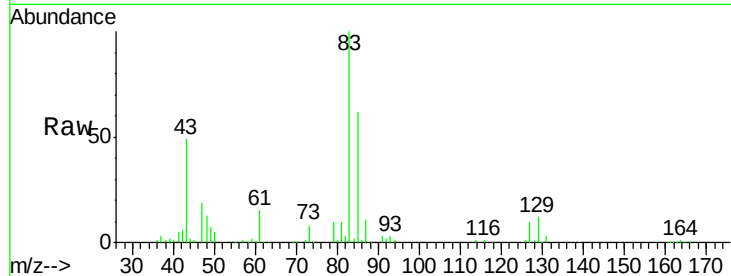
Tot Ion: 83 Resp: 64712

Ion Ratio Lower Upper

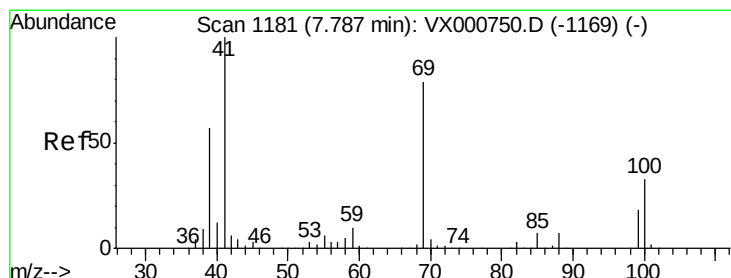
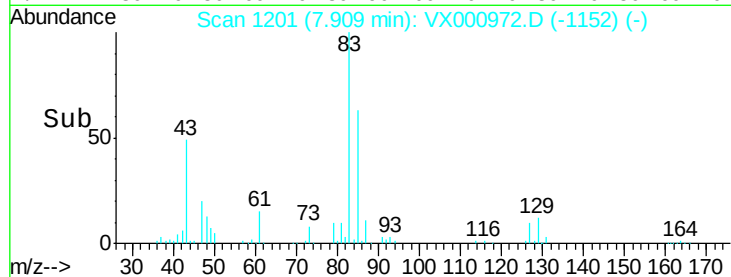
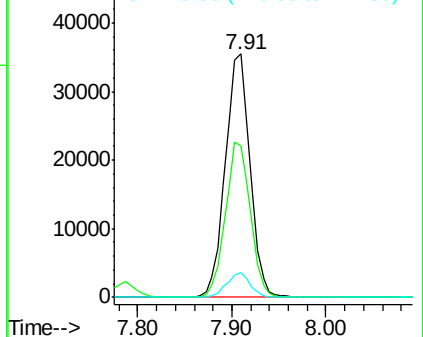
83 100

85 62.5 52.2 78.4

127 10.2 7.8 11.8



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



#48

Methyl methacrylate

Concen: 17.813 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

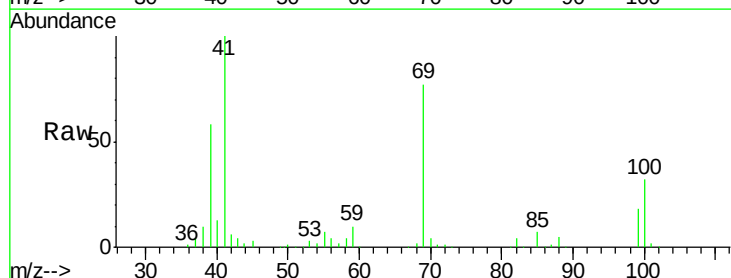
Tgt Ion: 41 Resp: 60582

Ion Ratio Lower Upper

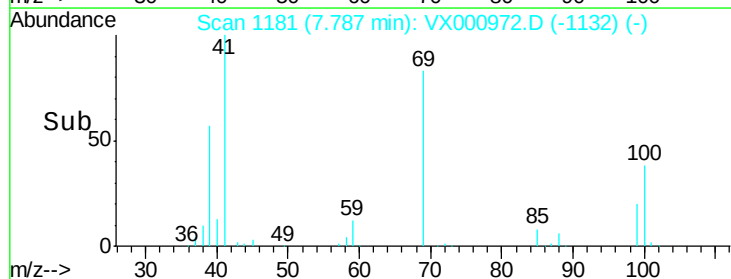
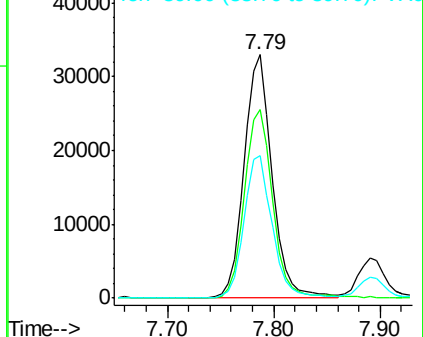
41 100

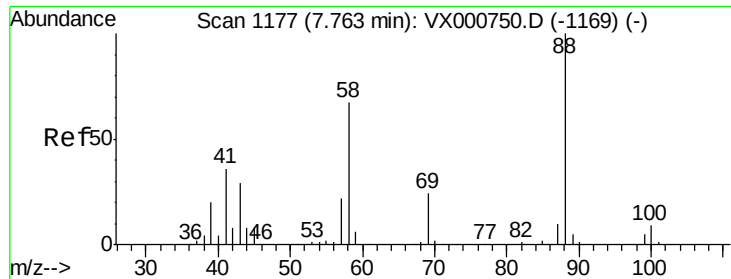
69 79.4 63.9 95.9

39 59.3 45.9 68.9



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

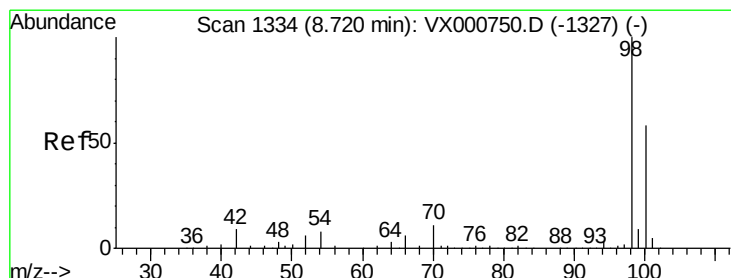
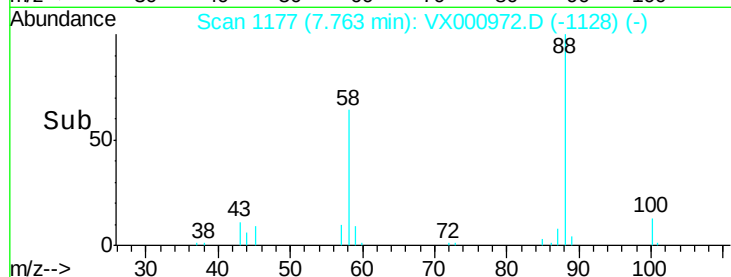
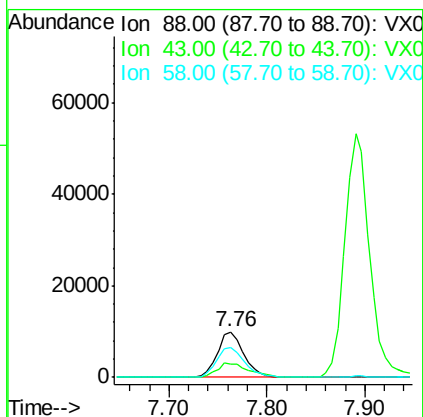
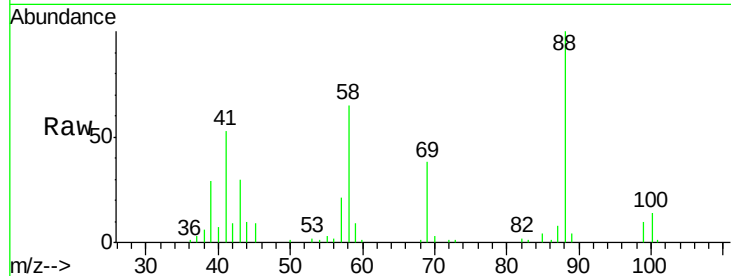




#49
1,4-Dioxane
Concen: 274.383 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

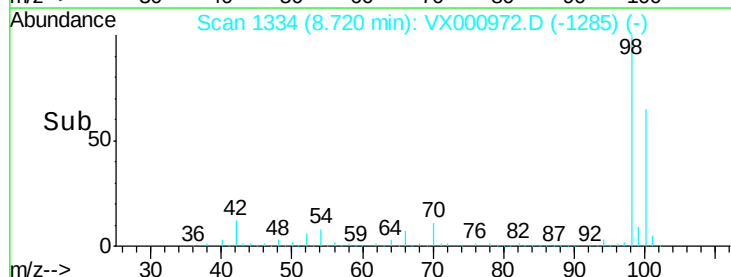
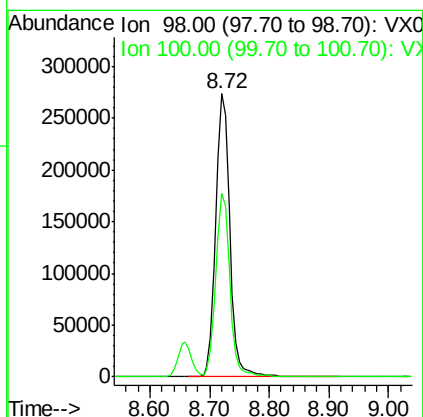
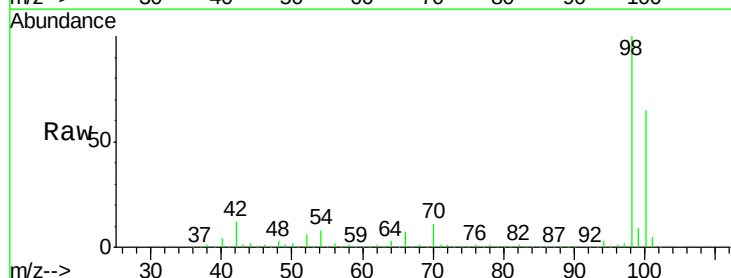
Instrument :
MSVOA_X
ClientSampled :

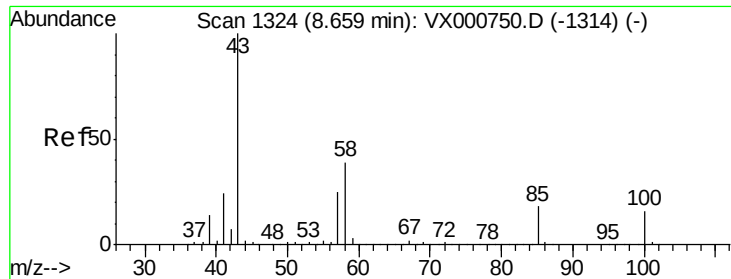
Tot Ion: 88 Resp: 18753
Ion Ratio Lower Upper
88 100
43 37.0 25.8 38.8
58 69.6 54.4 81.6



#50
Toluene-d8
Concen: 43.624 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion: 98 Resp: 445442
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 93.527 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

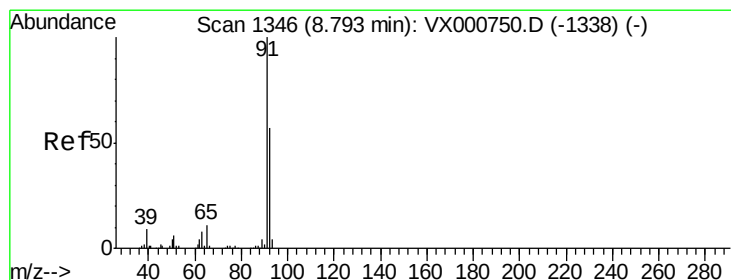
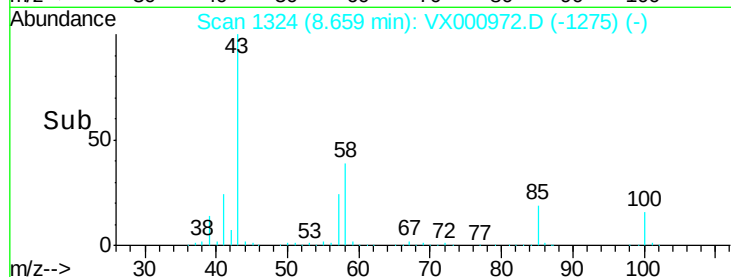
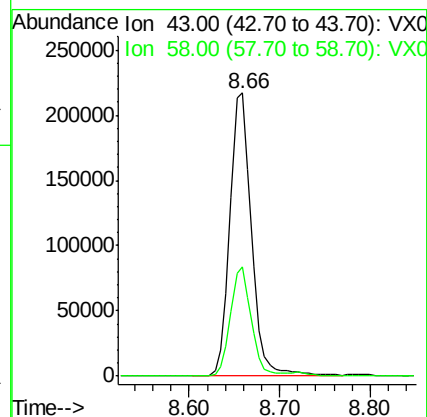
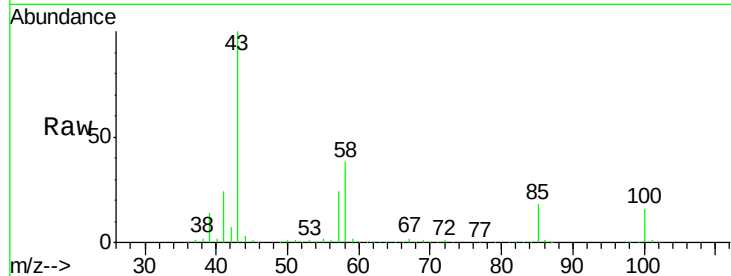
ClientSampleId :

Tot Ion: 43 Resp: 360462

Ion Ratio Lower Upper

43 100

58 36.9 30.3 45.5



#52

Toluene

Concen: 18.297 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000972.D

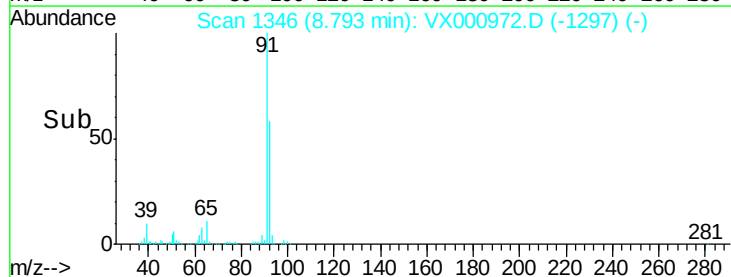
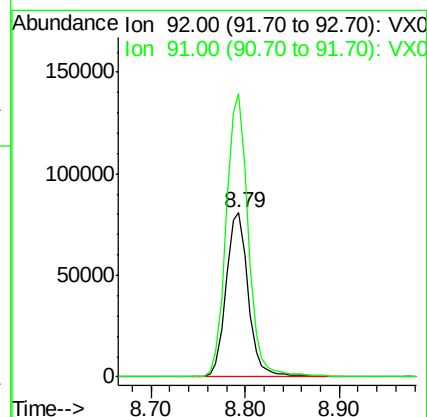
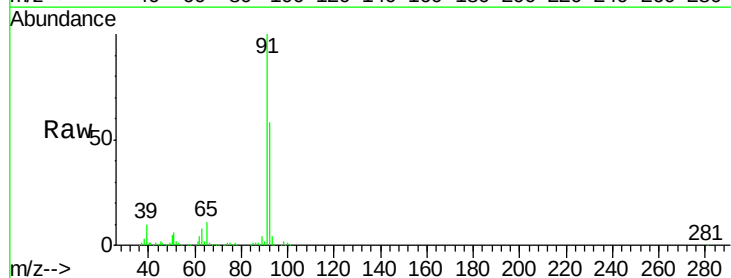
Acq: 17 Apr 2018 18:33

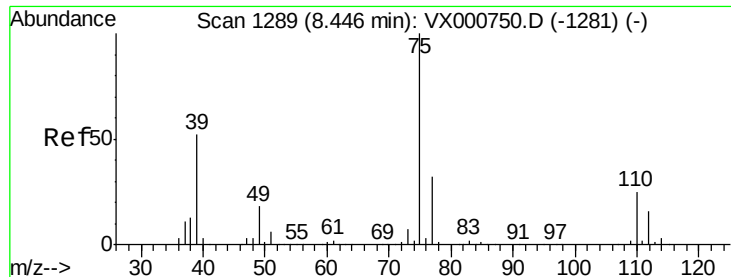
Tgt Ion: 92 Resp: 132219

Ion Ratio Lower Upper

92 100

91 171.7 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 16.970 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

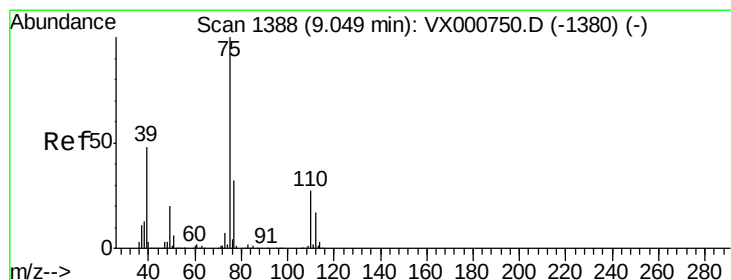
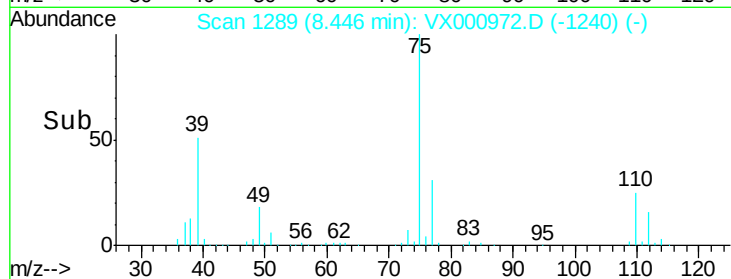
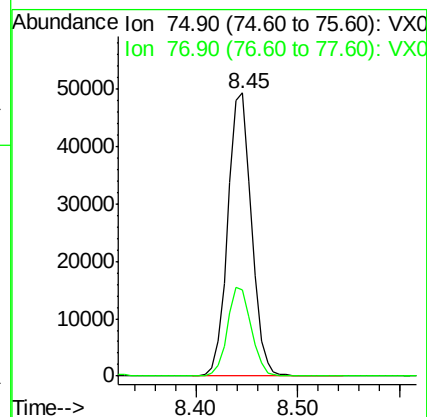
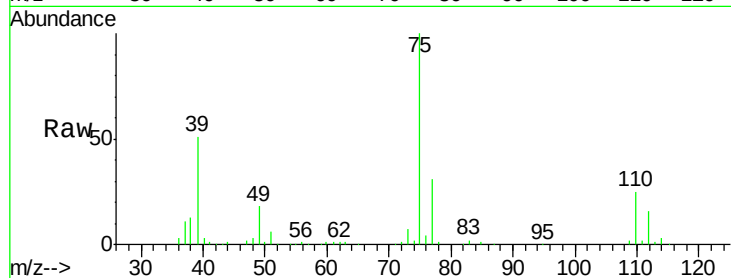
ClientSampled :

Tot Ion: 75 Resp: 79446

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 15.946 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

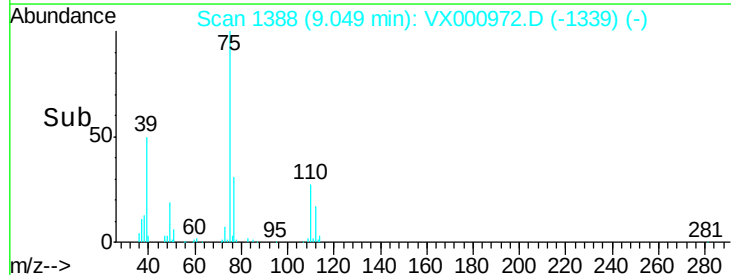
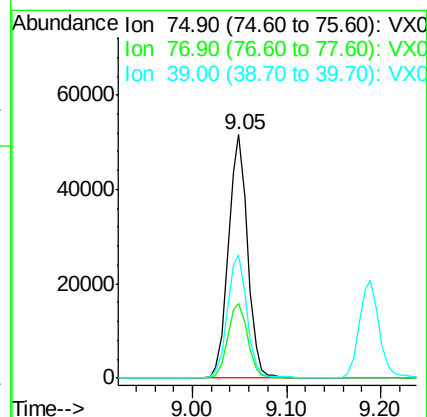
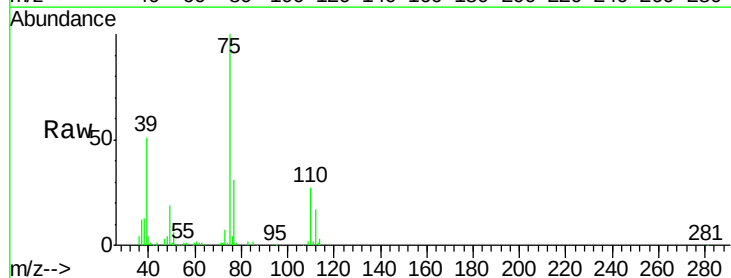
Tgt Ion: 75 Resp: 72694

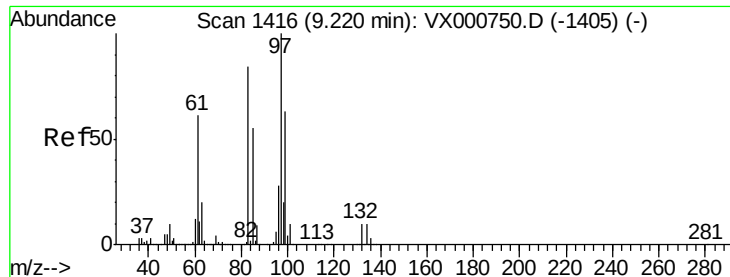
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2

39 50.4 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 18.783 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 53884

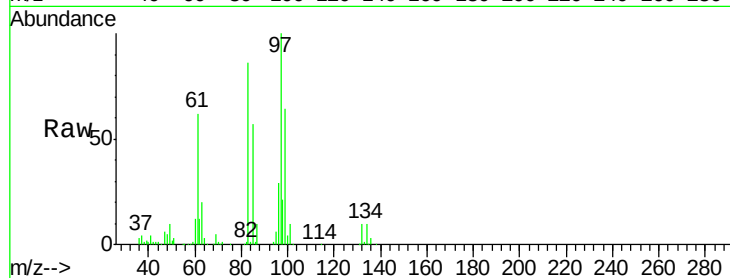
Ion Ratio Lower Upper

97 100

83 86.4 67.6 101.4

85 57.3 43.8 65.6

99 64.4 50.2 75.4

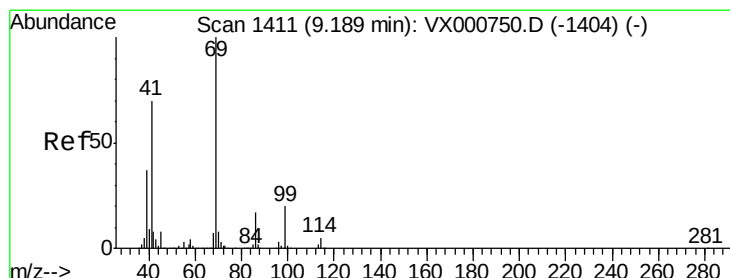
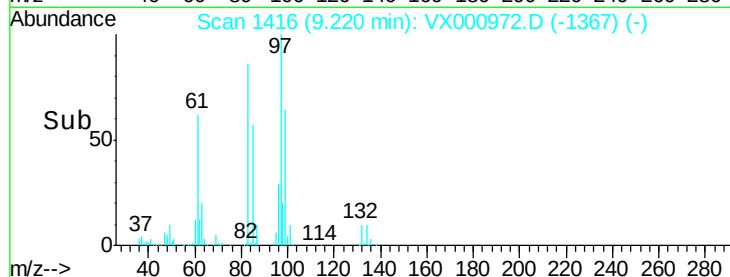
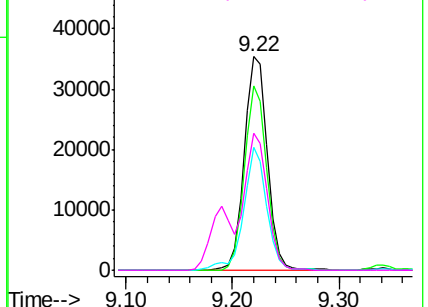


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 17.746 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

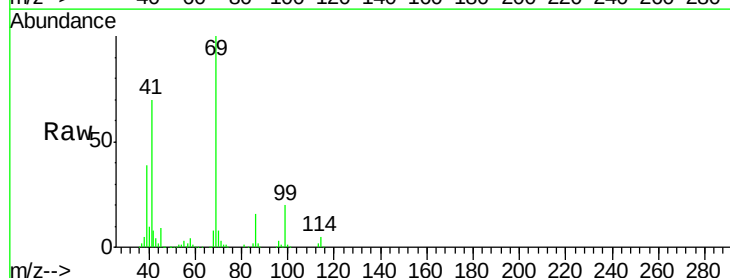
Tgt Ion: 69 Resp: 78536

Ion Ratio Lower Upper

69 100

41 70.7 55.6 83.4

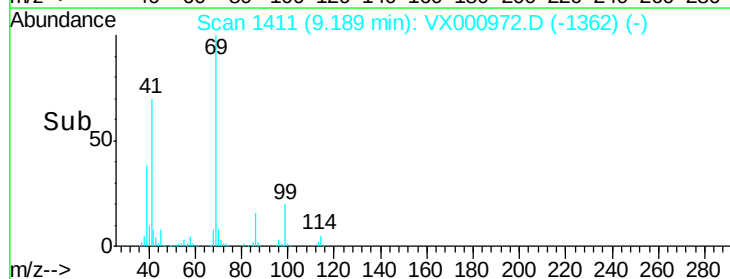
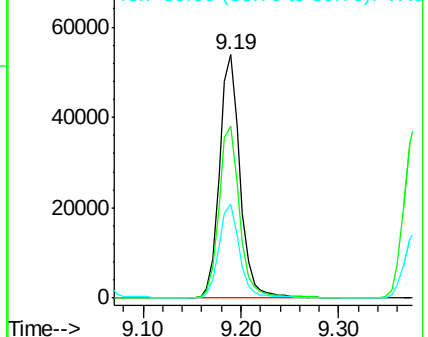
39 38.5 30.3 45.5

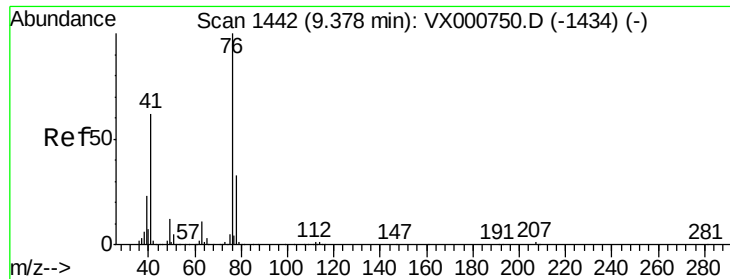


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

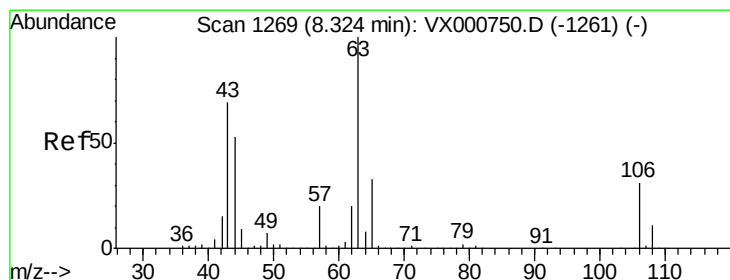
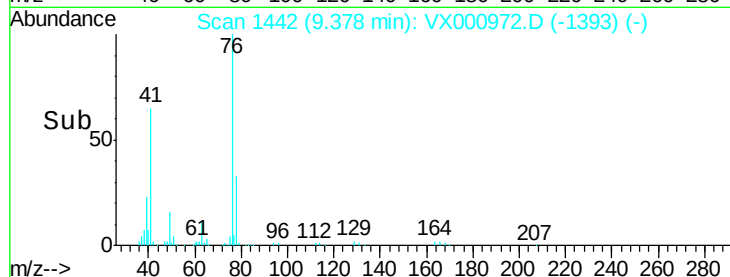
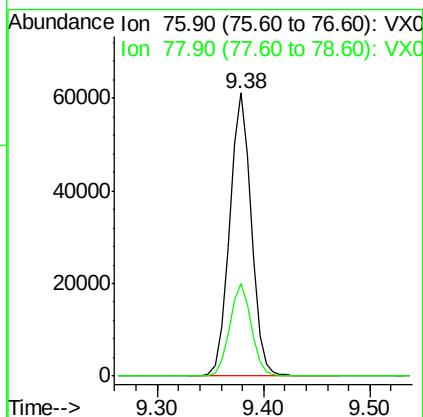
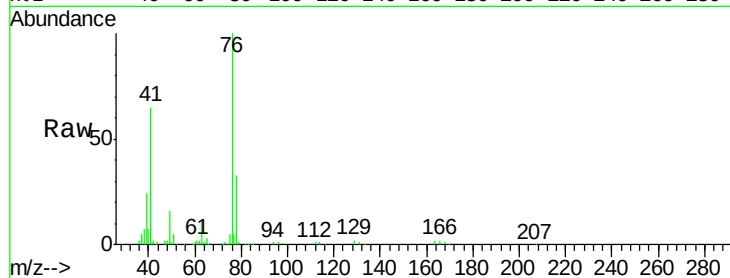




#57
 1,3-Dichloropropane
 Concen: 19.140 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

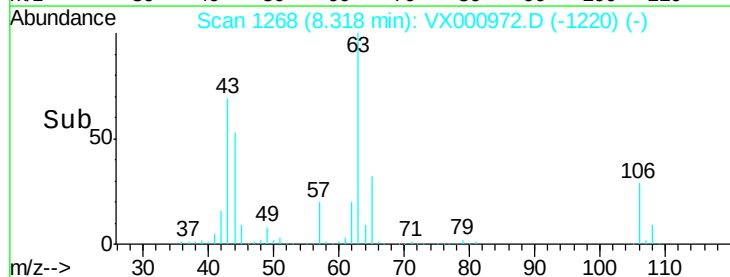
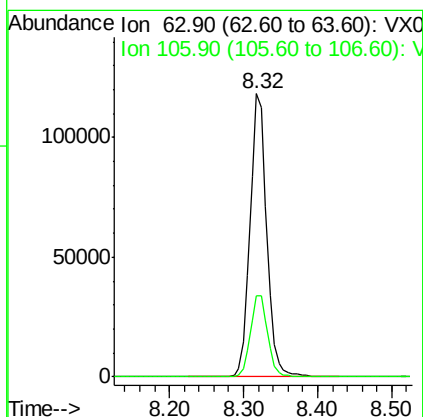
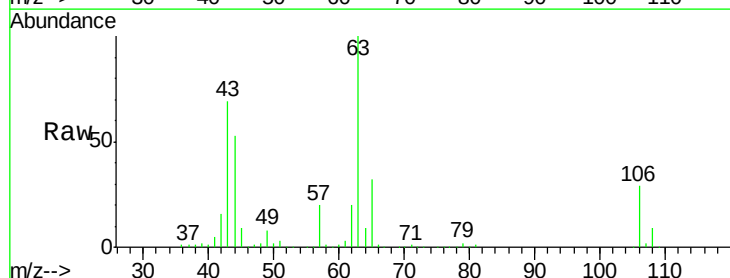
Instrument :
 MSVOA_X
 ClientSampleId :

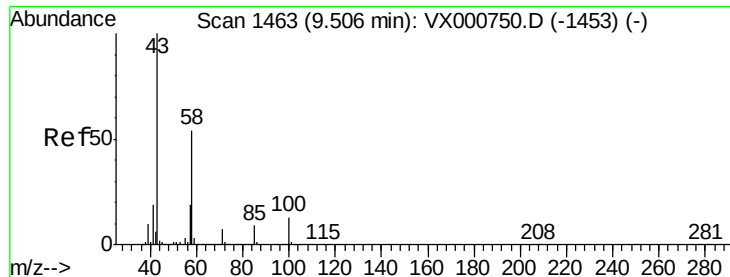
Tot Ion: 76 Resp: 87294
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.419 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Tgt Ion: 63 Resp: 186955
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.3 36.5

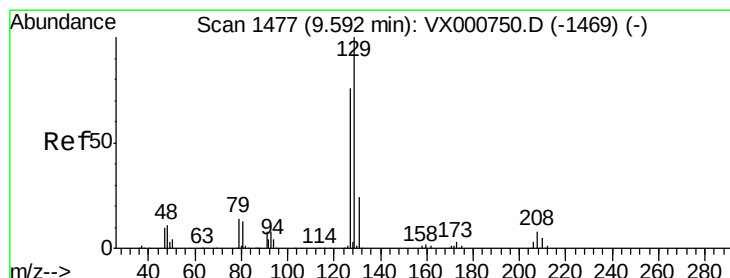
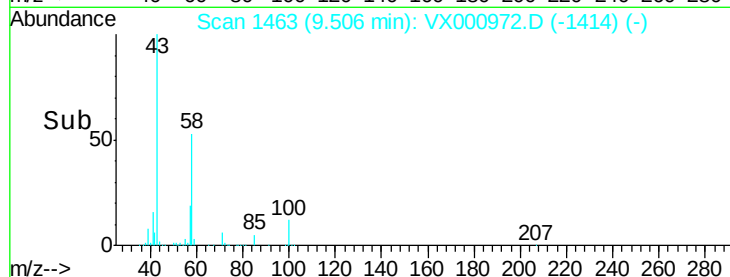
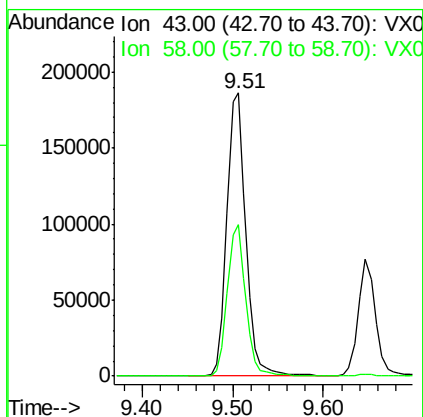
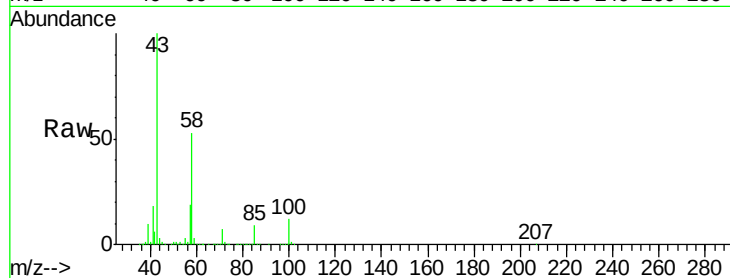




#59
2-Hexanone
Concen: 90.736 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

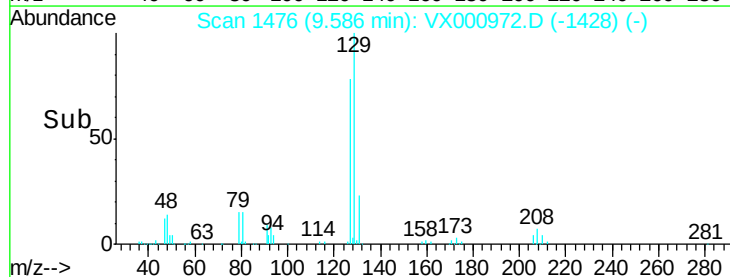
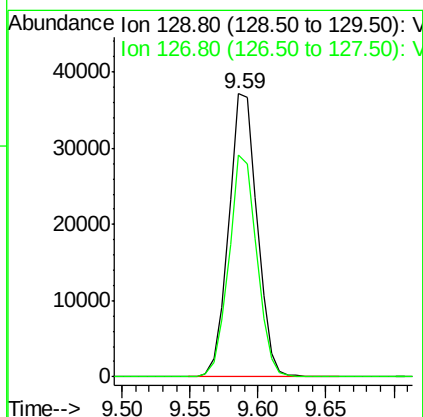
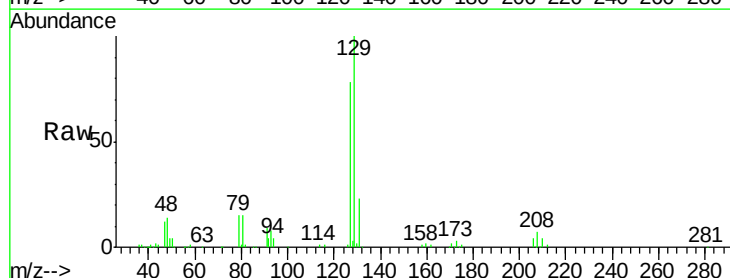
Instrument :
MSVOA_X
ClientSampleId :

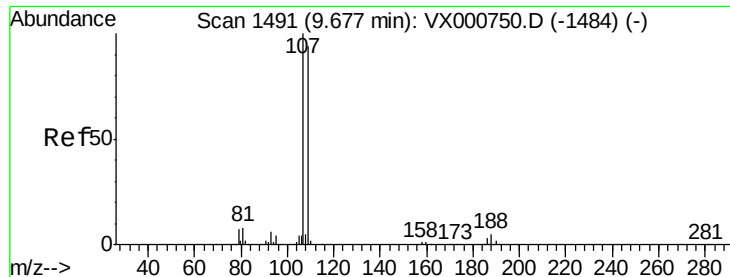
Tot Ion: 43 Resp: 269975
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.5



#60
Dibromochloromethane
Concen: 15.764 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion: 129 Resp: 54111
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.491 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

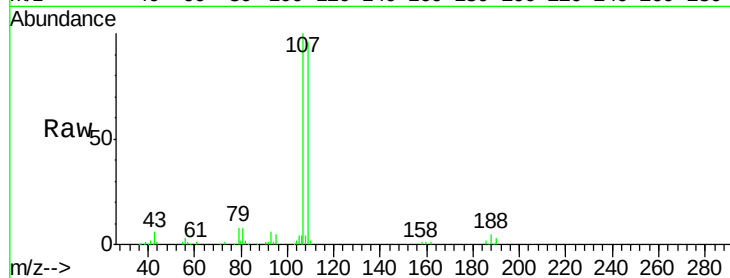
ClientSampleId :

Tot Ion:107 Resp: 56275

Ion Ratio Lower Upper

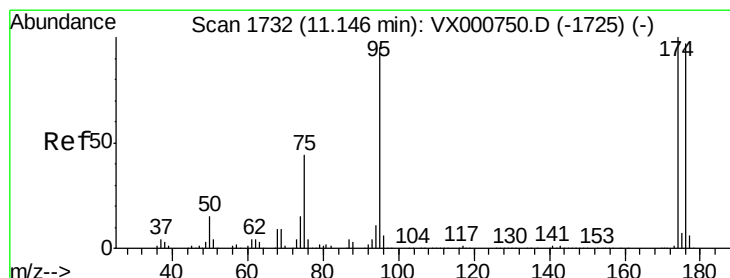
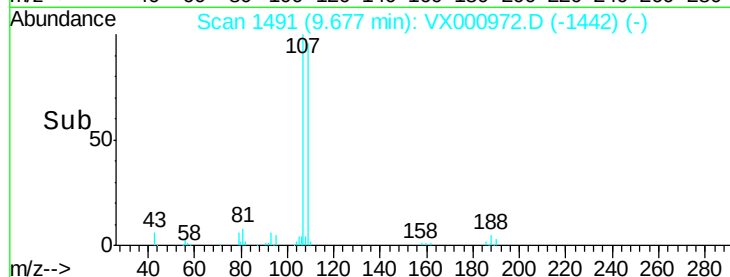
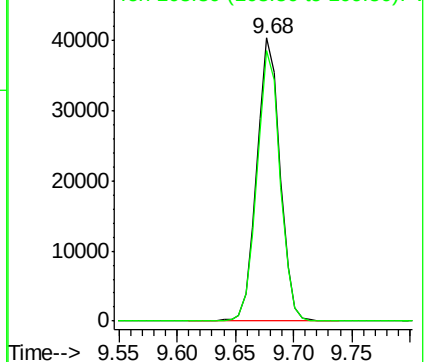
107 100

109 95.7 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.352 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

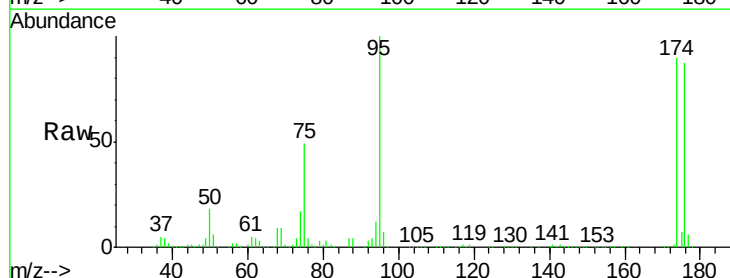
Tgt Ion: 95 Resp: 183143

Ion Ratio Lower Upper

95 100

174 97.7 0.0 198.4

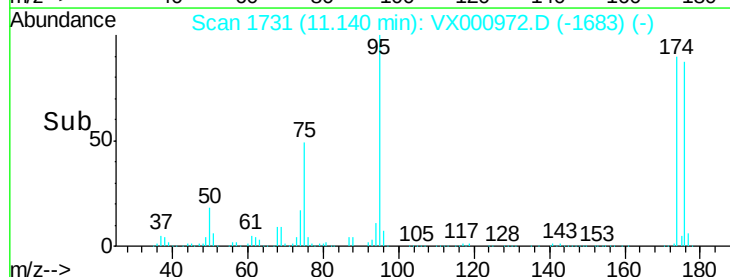
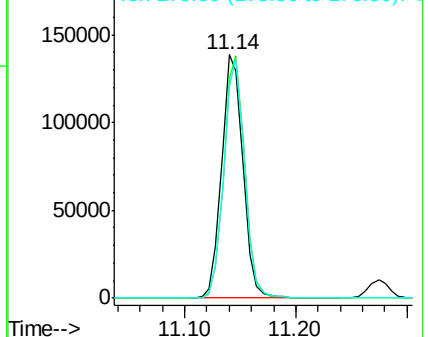
176 95.2 0.0 194.4

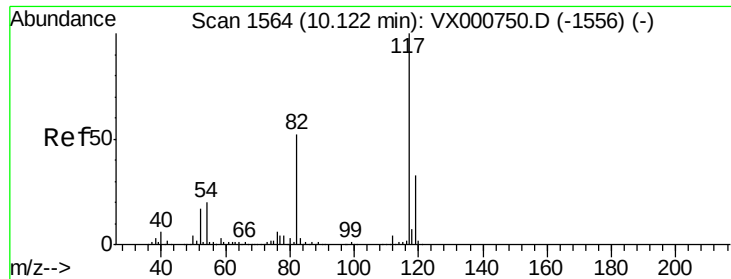


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

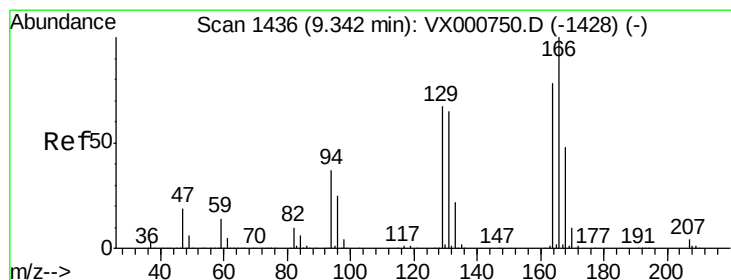
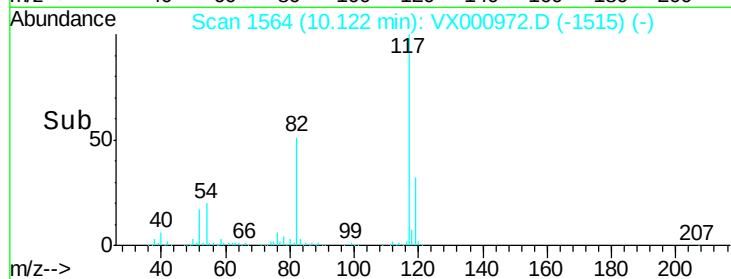
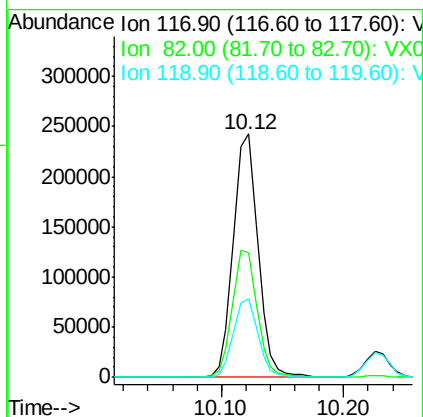
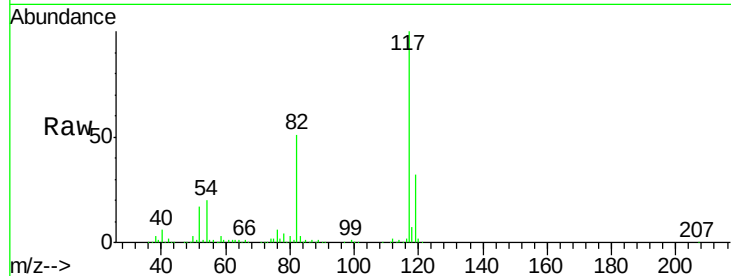




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

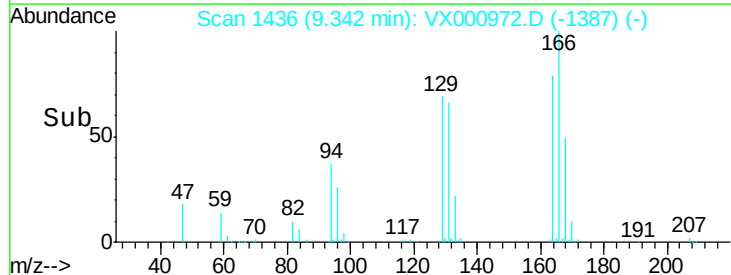
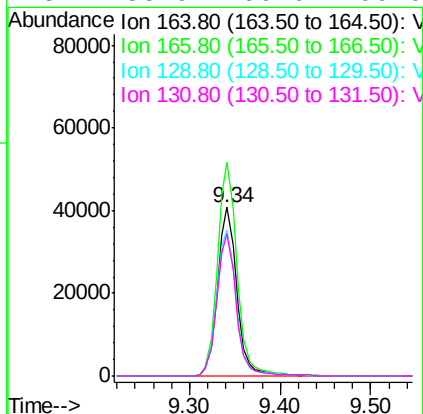
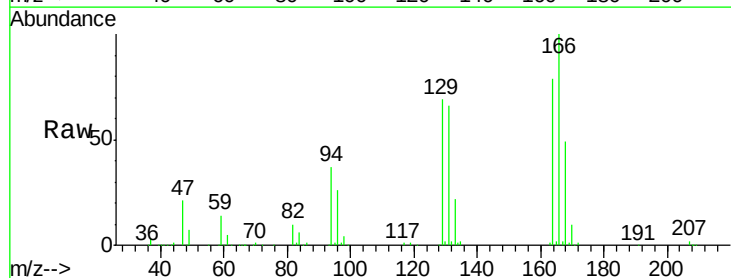
Instrument :
MSVOA_X
ClientSampleId :

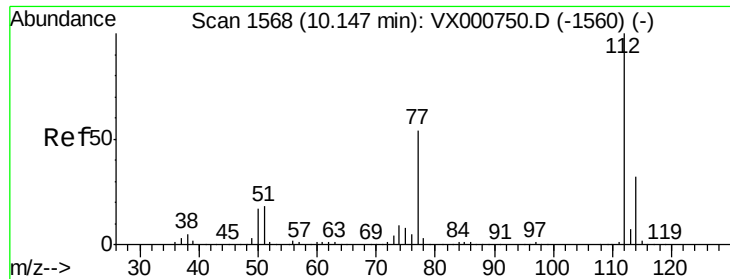
Tot Ion:117 Resp: 340206
Ion Ratio Lower Upper
117 100
82 51.3 41.9 62.9
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 18.337 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion:164 Resp: 60997
Ion Ratio Lower Upper
164 100
166 126.5 102.8 154.2
129 86.7 68.5 102.7
131 83.9 66.6 100.0

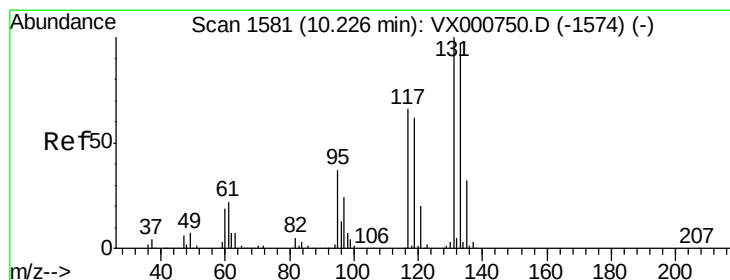
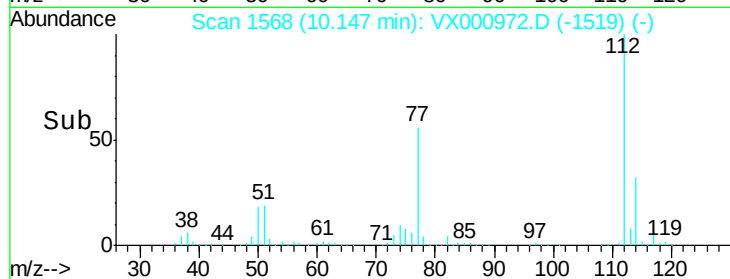
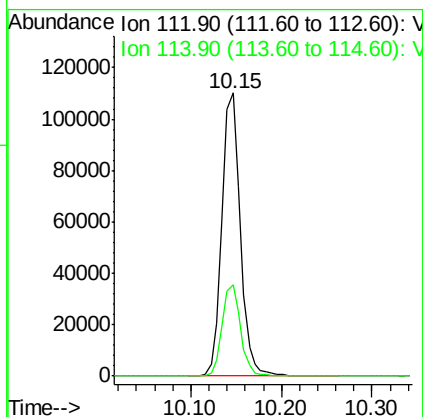
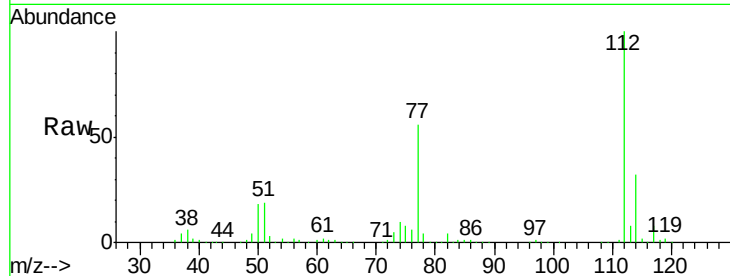




#65
Chlorobenzene
Concen: 18.350 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

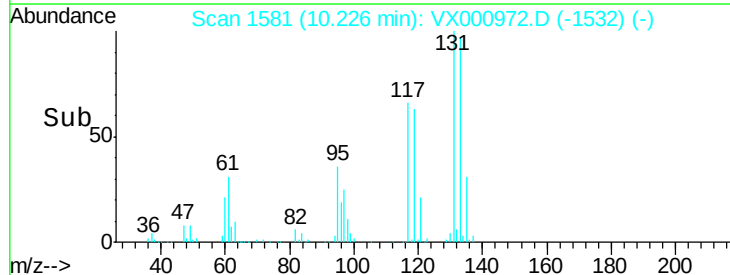
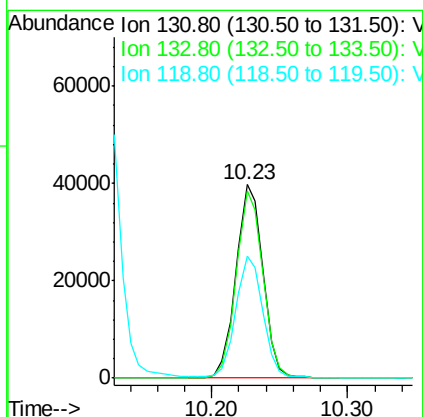
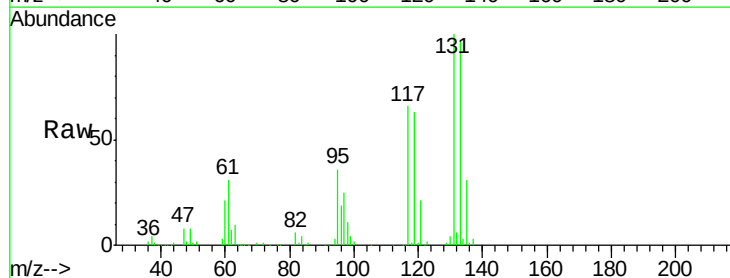
Instrument :
MSVOA_X
ClientSampleId :

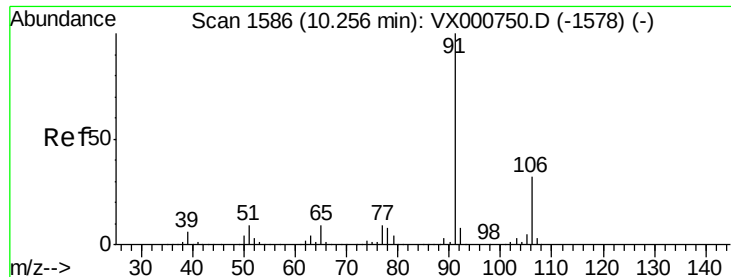
Tot Ion:112 Resp: 157040
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.012 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion:131 Resp: 54797
Ion Ratio Lower Upper
131 100
133 96.1 48.3 144.9
119 63.6 31.4 94.0

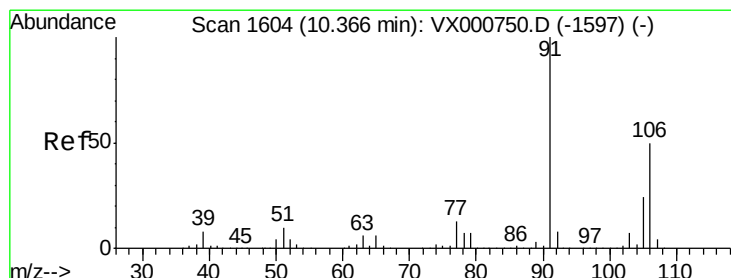
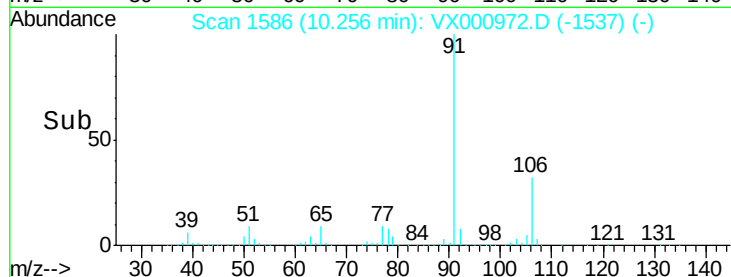
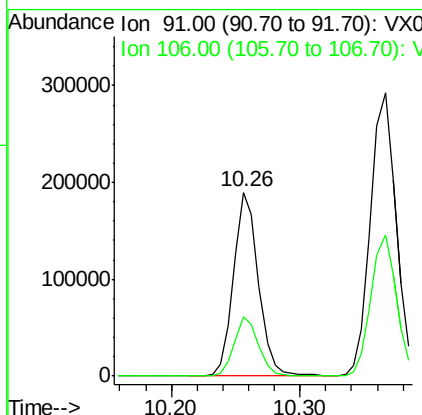
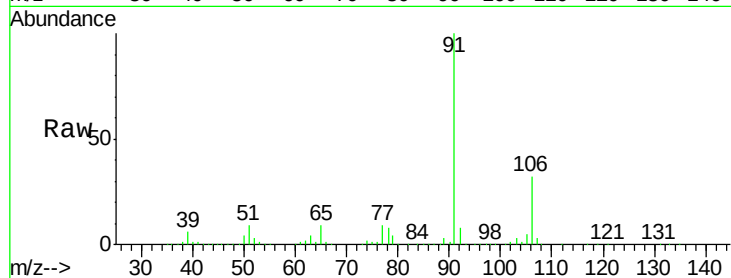




#67
Ethyl Benzene
Concen: 18.093 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

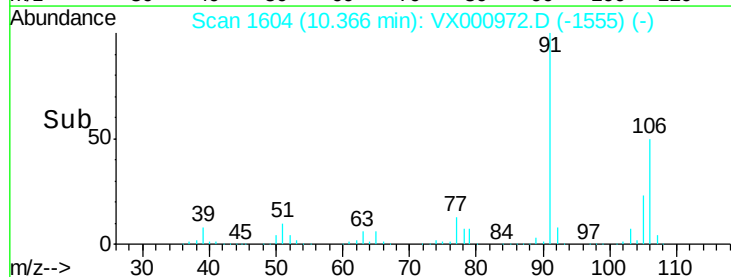
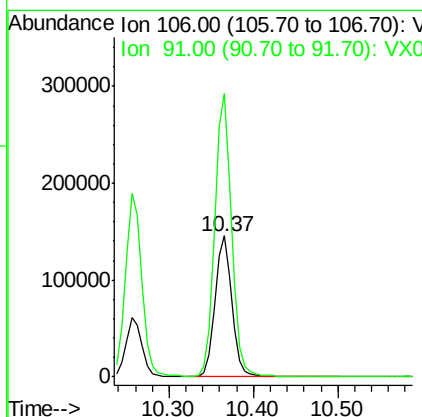
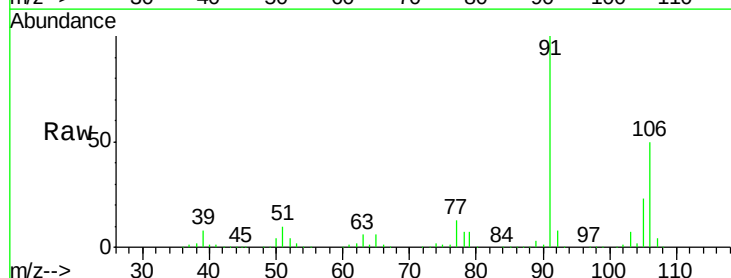
Instrument :
MSVOA_X
ClientSampled :

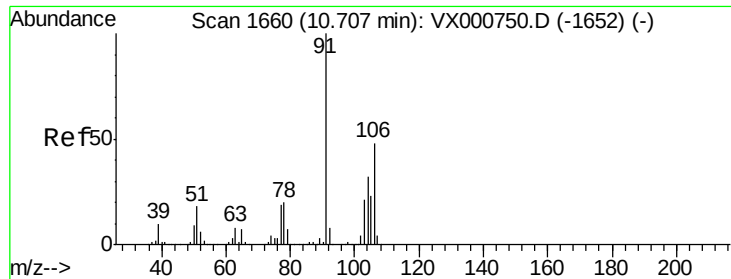
Tot Ion: 91 Resp: 258158
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0



#68
m/p-Xylenes
Concen: 36.019 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion: 106 Resp: 202854
Ion Ratio Lower Upper
106 100
91 200.6 159.3 238.9

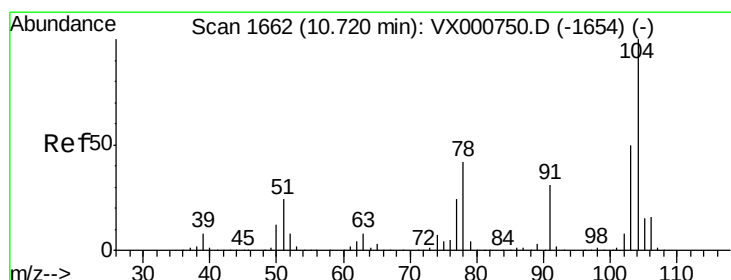
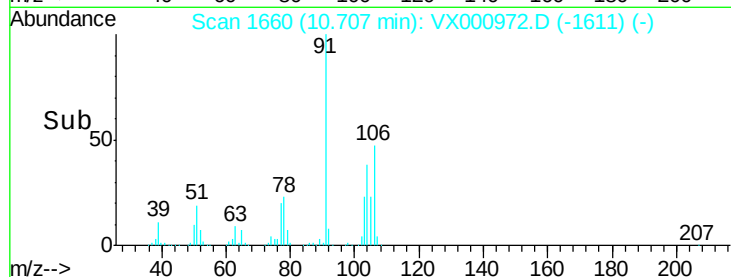
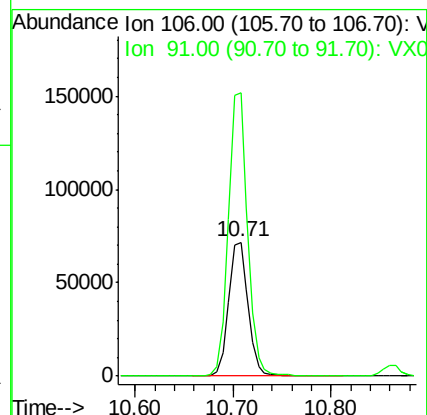
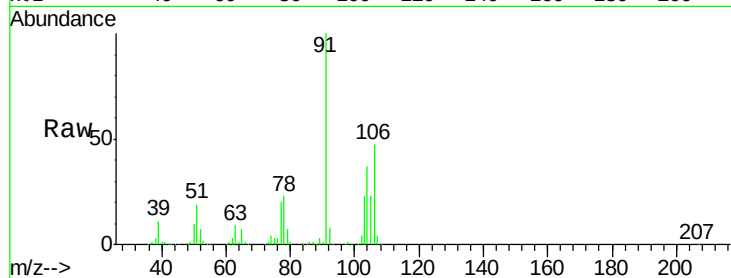




#69
o-Xylene
Concen: 18.315 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

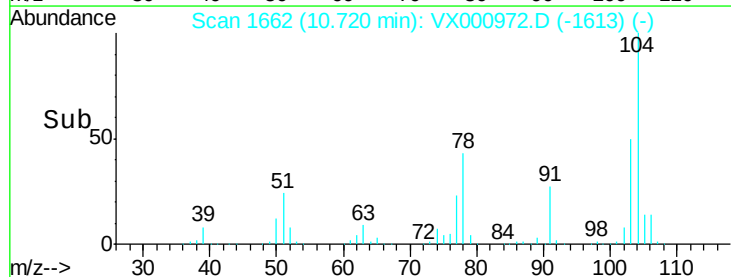
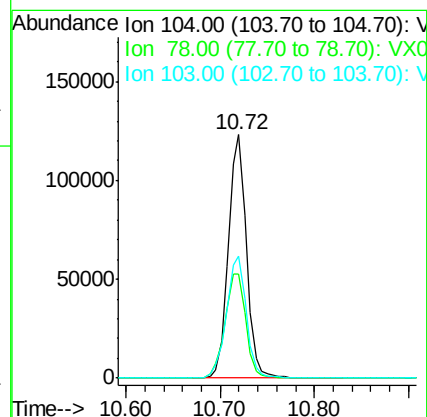
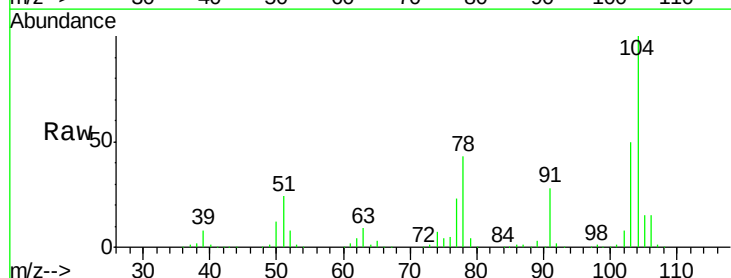
Instrument :
MSVOA_X
ClientSampleId :

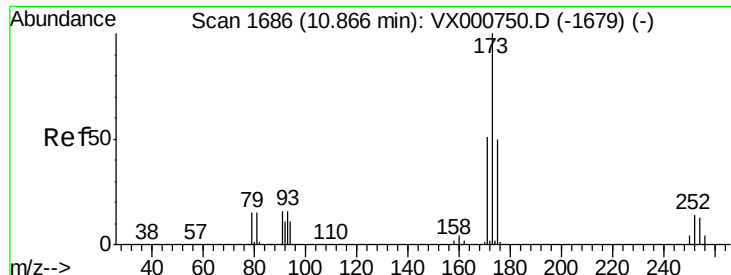
Tot Ion:106 Resp: 99413
Ion Ratio Lower Upper
106 100
91 207.6 105.0 315.0



#70
Styrene
Concen: 17.952 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion:104 Resp: 164283
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 55.0 44.1 66.1





#71

Bromoform

Concen: 13.946 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

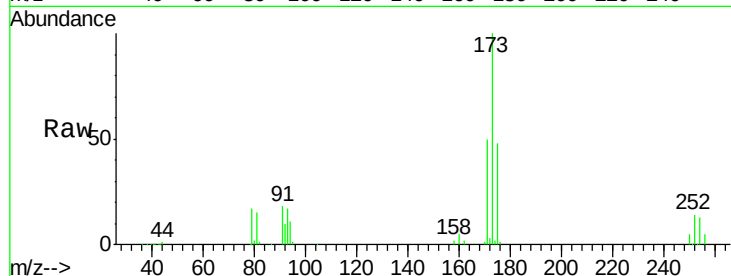
Tot Ion:173 Resp: 41593

Ion Ratio Lower Upper

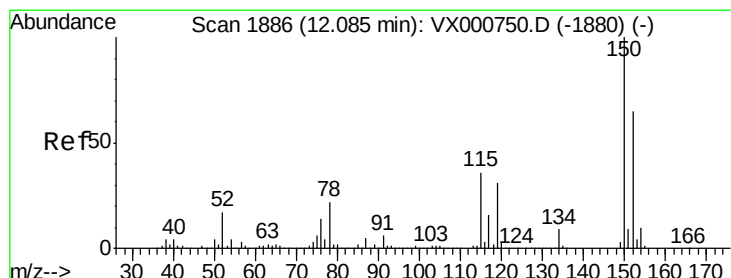
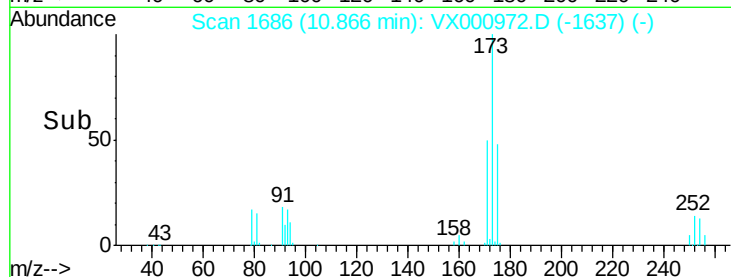
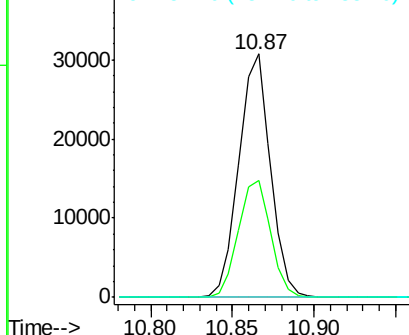
173 100

175 48.9 24.5 73.5

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

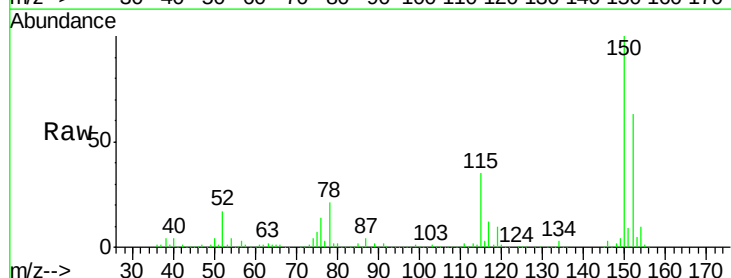
Tgt Ion:152 Resp: 226983

Ion Ratio Lower Upper

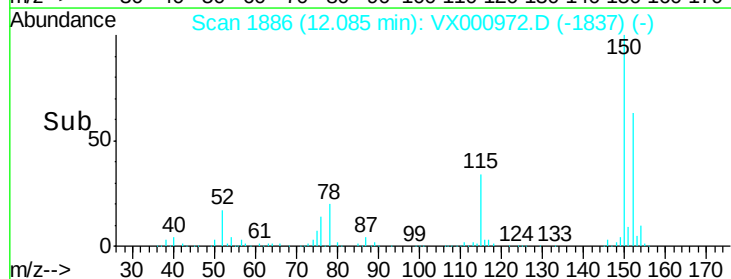
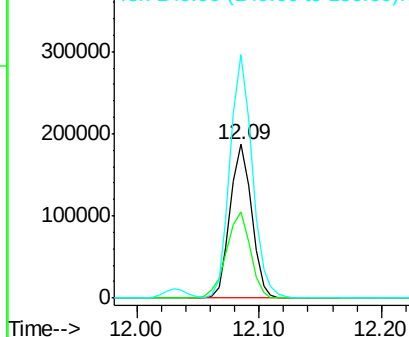
152 100

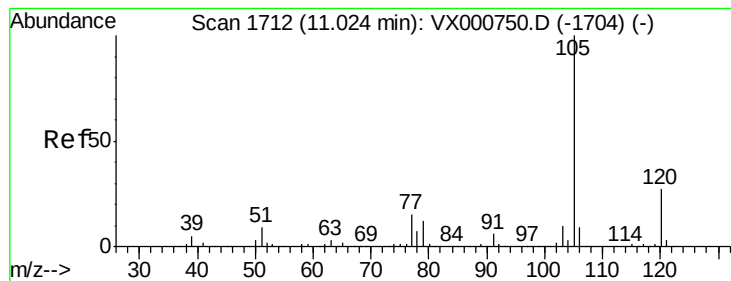
115 62.5 37.9 113.7

150 163.6 0.0 348.0



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: 18.498 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

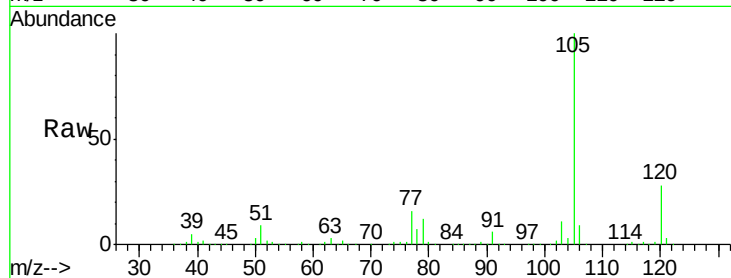
ClientSampleId :

Tot Ion:105 Resp: 266373

Ion Ratio Lower Upper

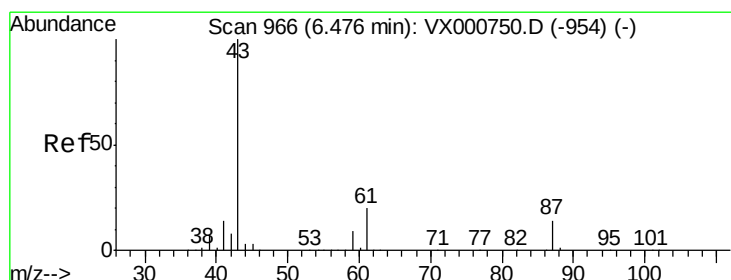
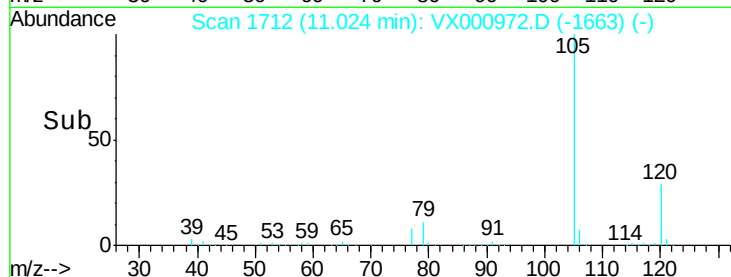
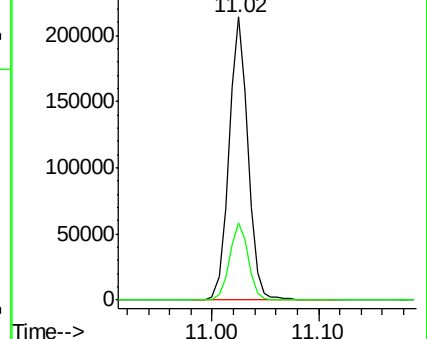
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.623 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Tgt Ion: 43 Resp: 114276

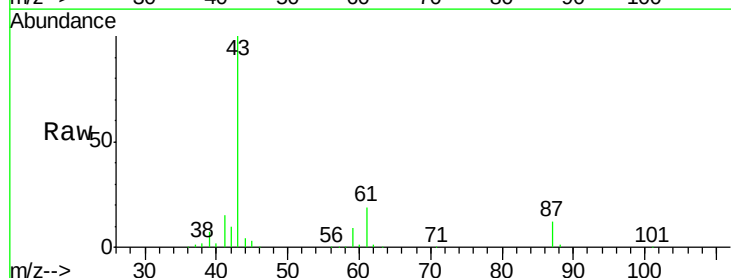
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.2 15.6 23.4

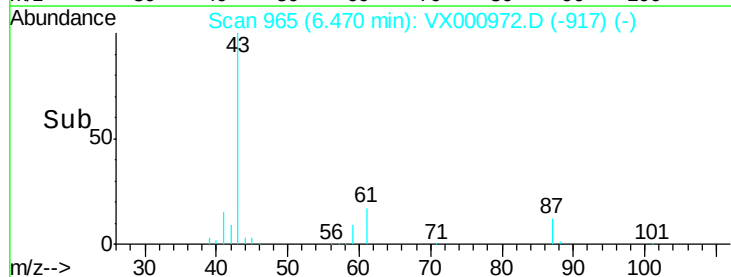
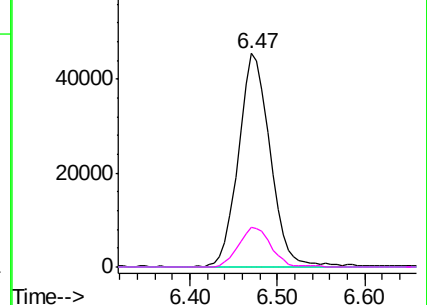


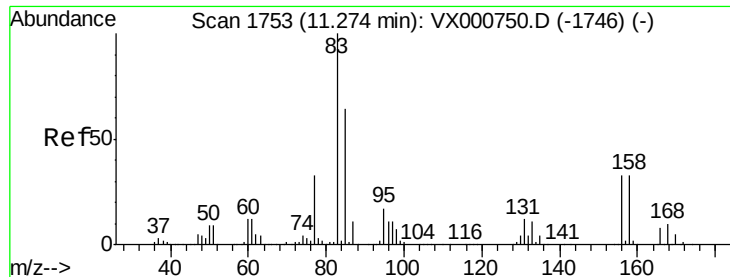
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.745 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

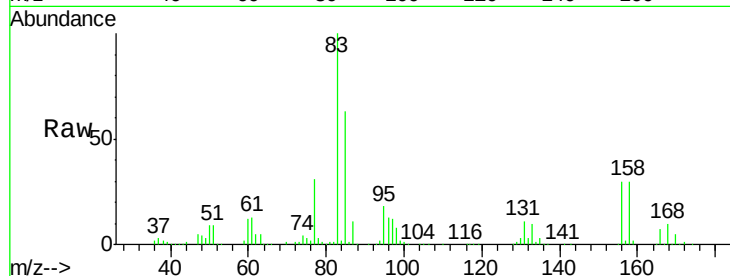
Tot Ion: 83 Resp: 78336

Ion Ratio Lower Upper

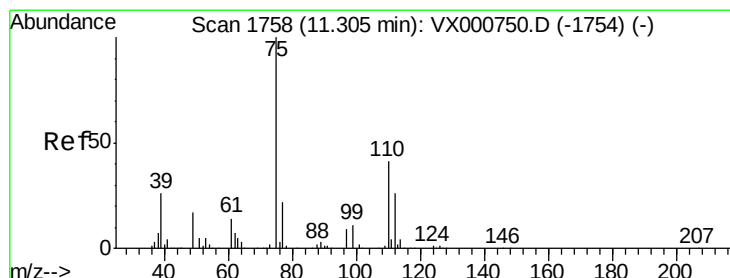
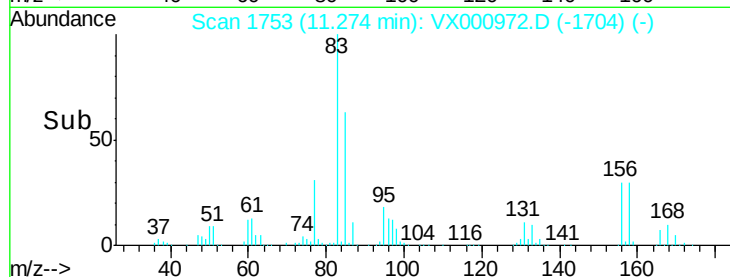
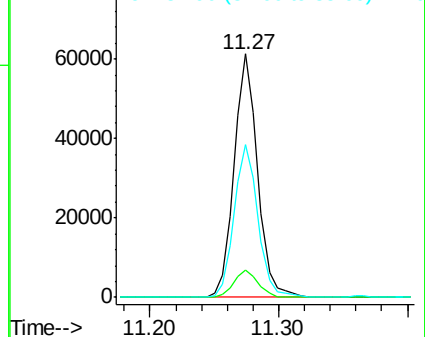
83 100

131 11.6 6.0 18.0

85 63.9 32.3 96.8



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: 21.892 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000972.D

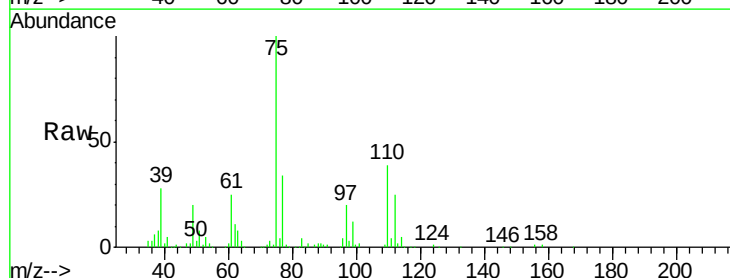
Acq: 17 Apr 2018 18:33

Tgt Ion: 75 Resp: 85698

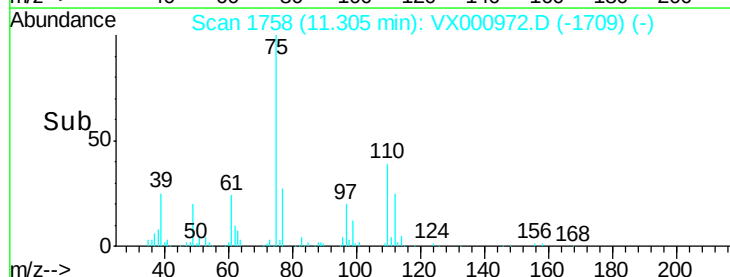
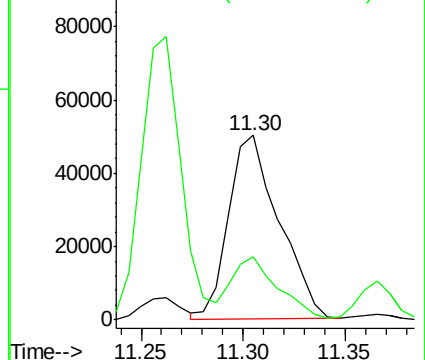
Ion Ratio Lower Upper

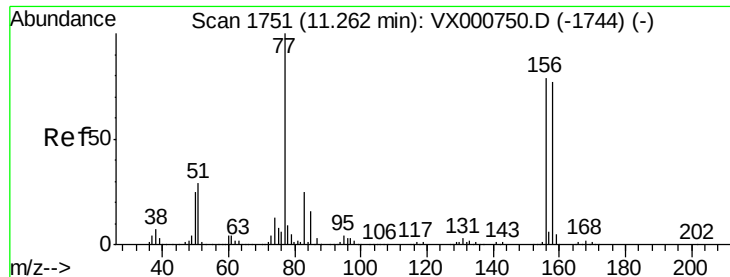
75 100

77 31.7 20.5 61.5



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





#77

Bromobenzene

Concen: 18.662 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

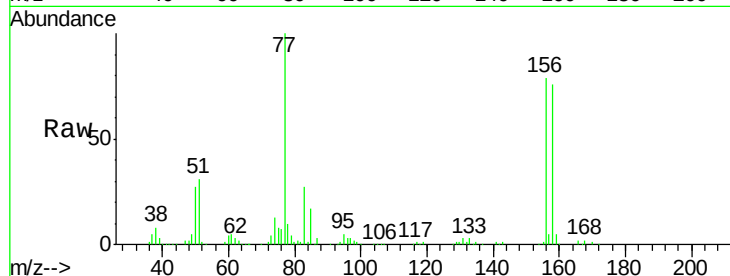
Tot Ion:156 Resp: 78753

Ion Ratio Lower Upper

156 100

77 132.8 66.0 198.2

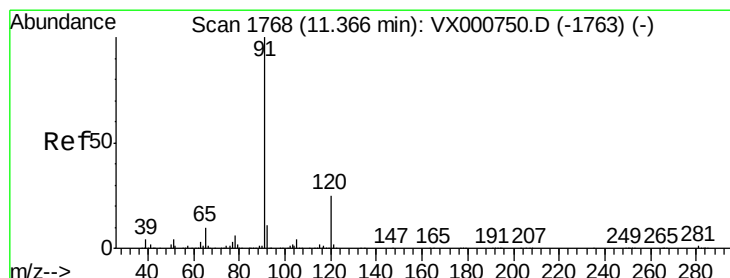
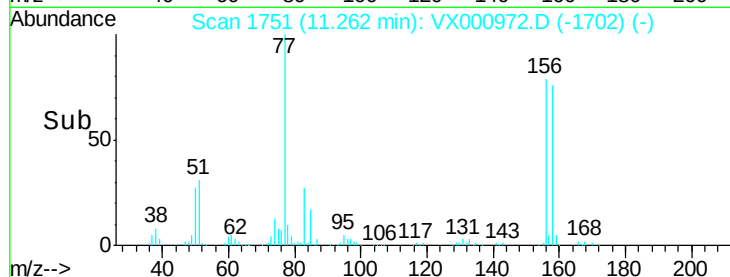
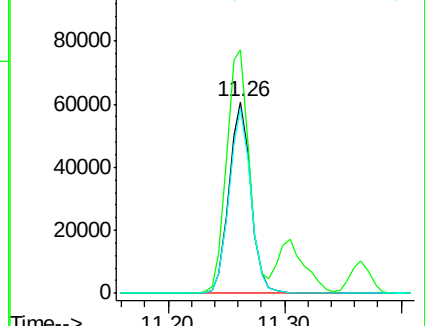
158 96.0 48.8 146.4



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: 18.519 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000972.D

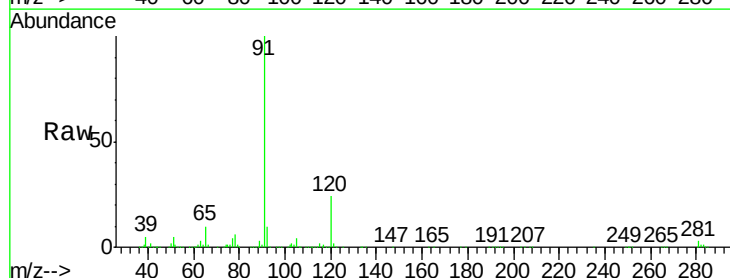
Acq: 17 Apr 2018 18:33

Tgt Ion: 91 Resp: 305019

Ion Ratio Lower Upper

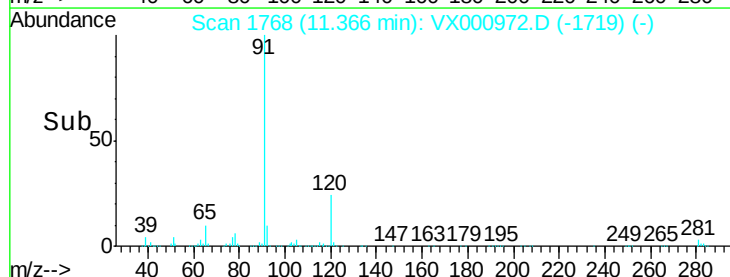
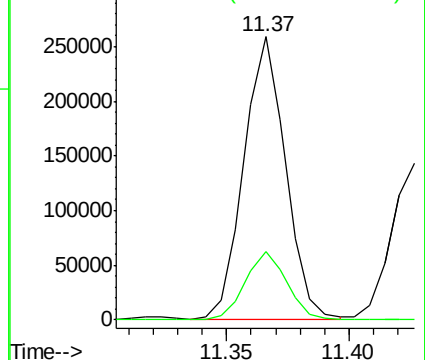
91 100

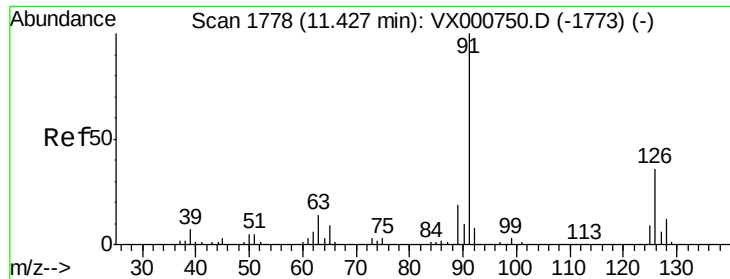
120 24.6 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

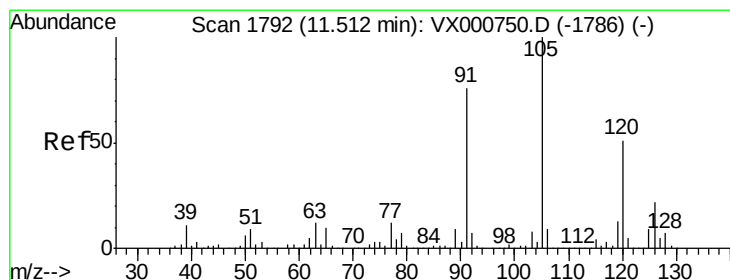
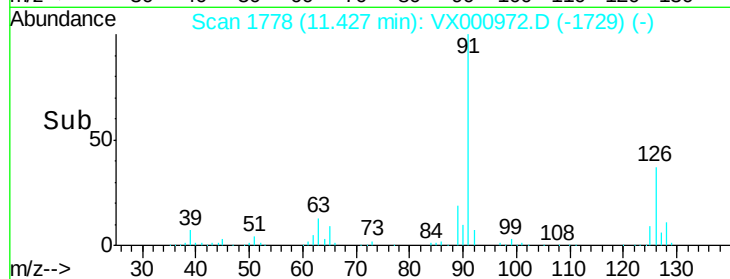
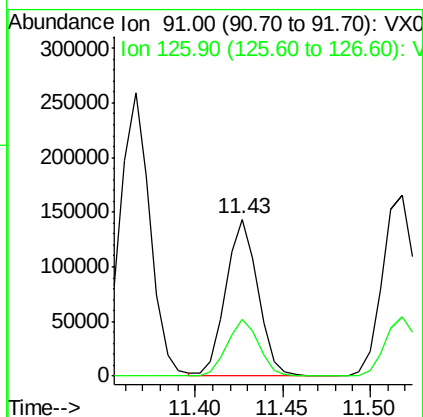
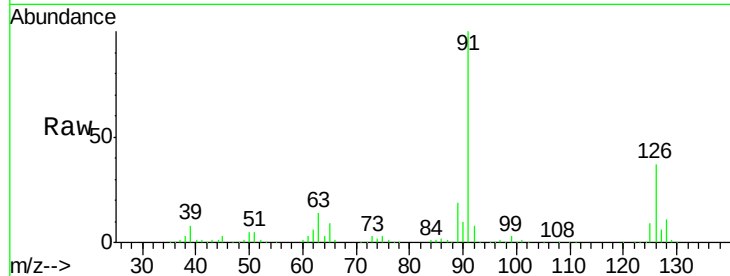




#79
 2-Chlorotoluene
 Concen: 18.687 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

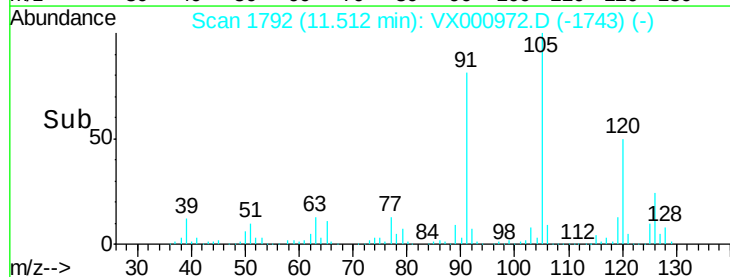
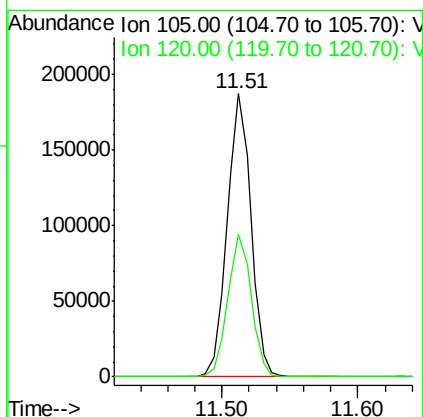
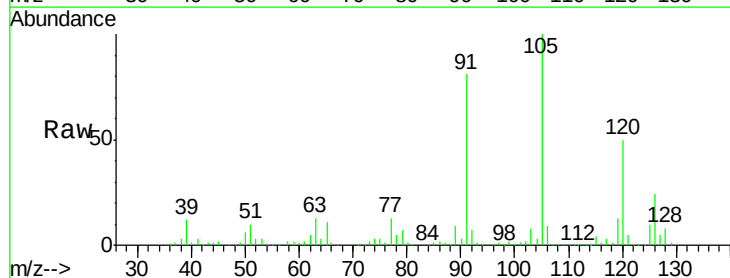
Instrument :
 MSVOA_X
 ClientSampleId :

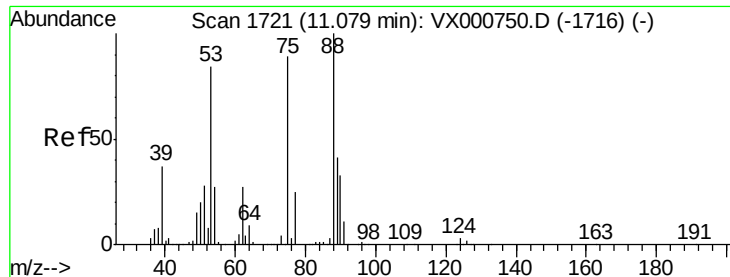
Tot Ion: 91 Resp: 181906
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 18.353 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Tgt Ion: 105 Resp: 227284
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.0 75.0

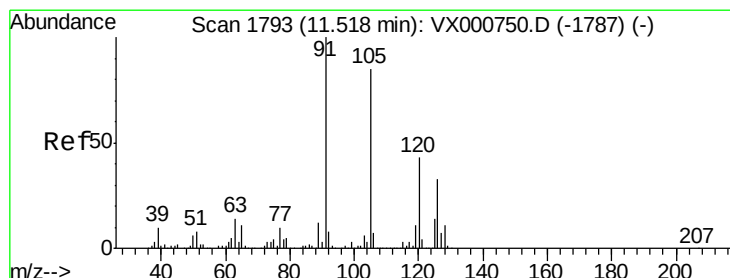
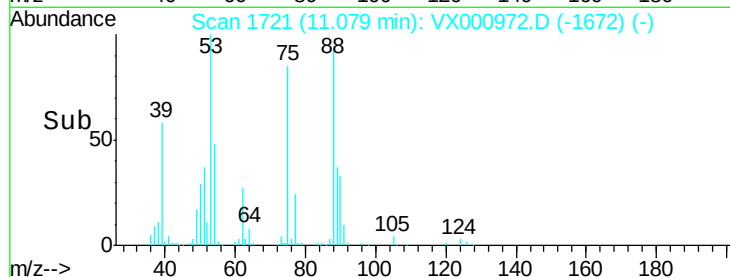
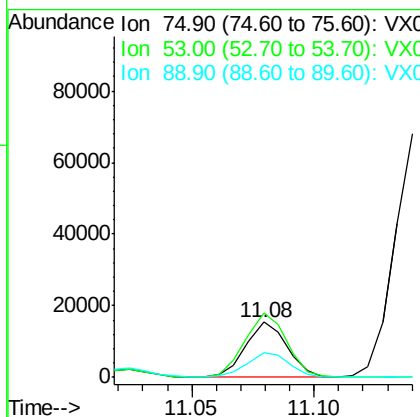
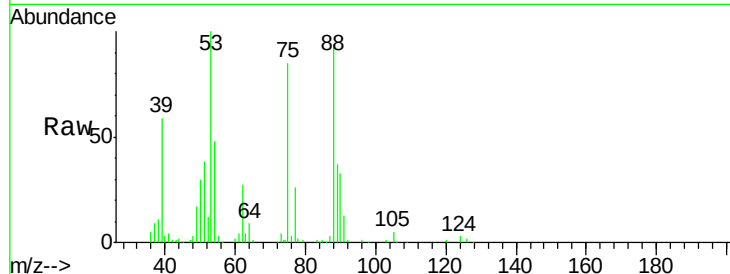




#81
trans-1,4-Dichloro-2-butene
Concen: 12.959 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

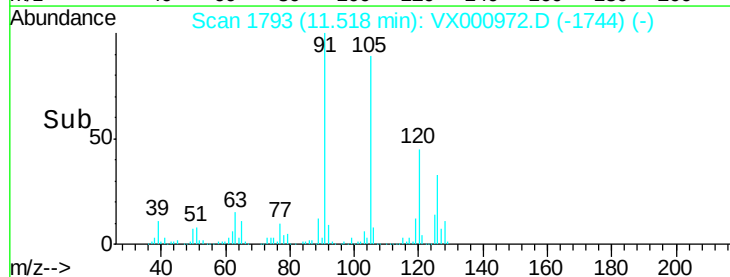
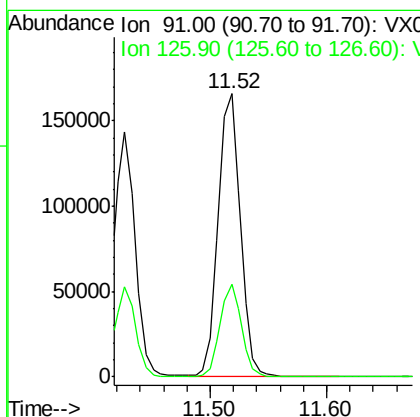
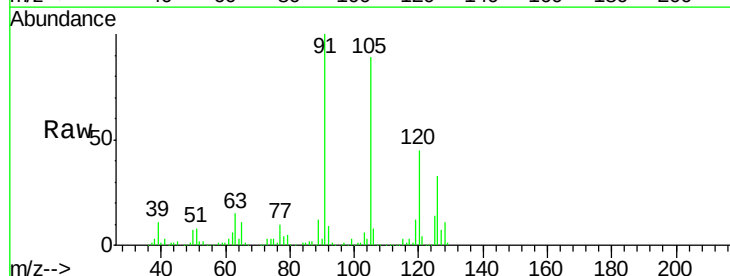
Instrument :
MSVOA_X
ClientSampled :

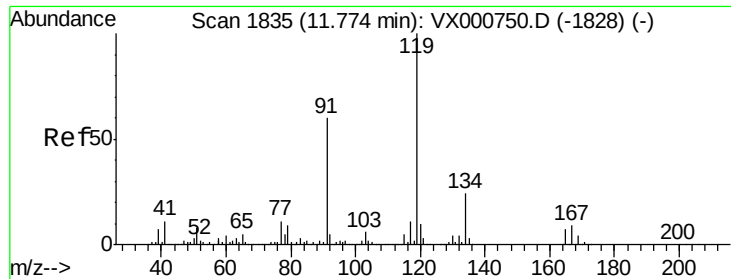
Tot Ion: 75 Resp: 18441
Ion Ratio Lower Upper
75 100
53 118.0 75.4 113.0#
89 45.9 40.9 61.3



#82
4-Chlorotoluene
Concen: 18.542 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000972.D
Acq: 17 Apr 2018 18:33

Tgt Ion: 91 Resp: 217872
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6

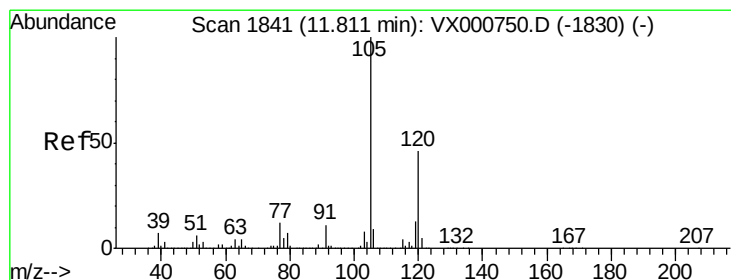
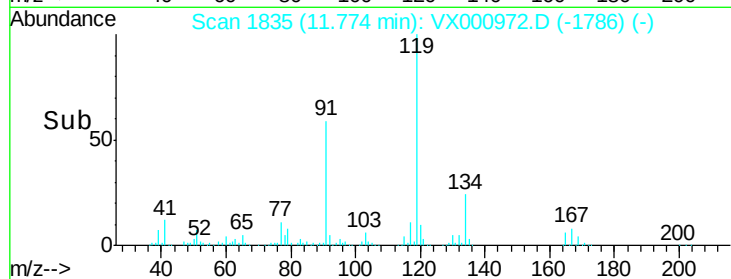
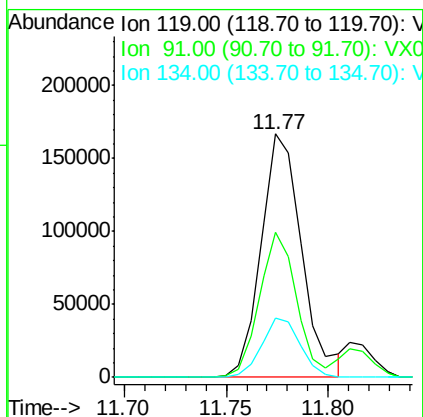
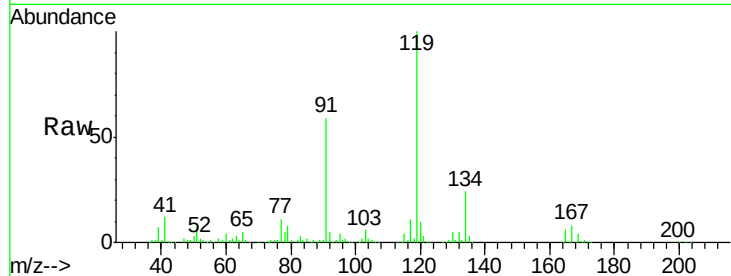




#83
 tert-Butylbenzene
 Concen: 18.253 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

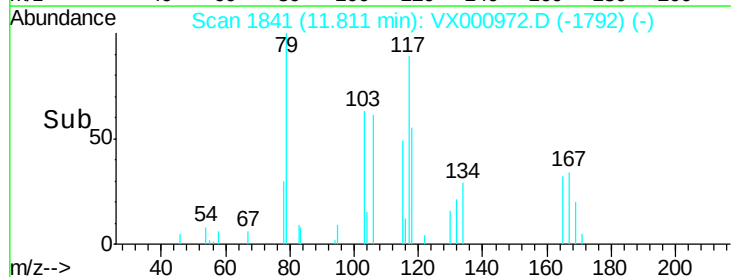
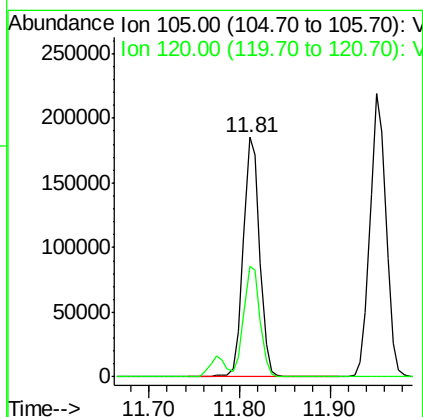
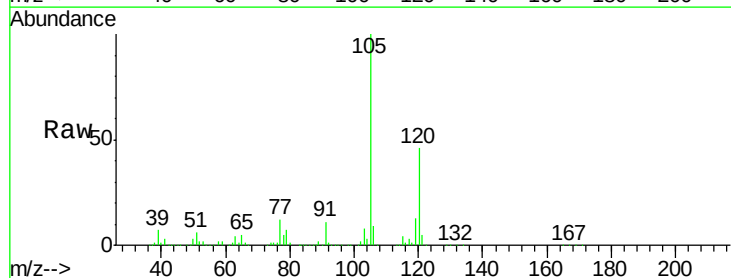
Instrument :
 MSVOA_X
 ClientSampleId :

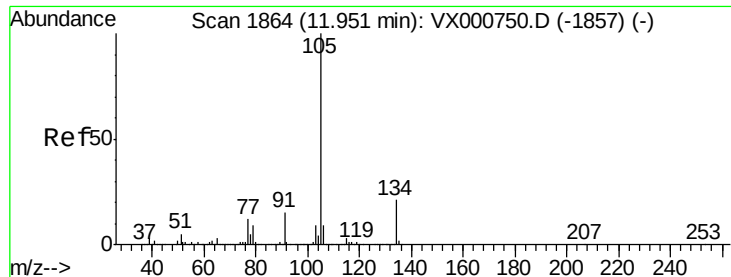
Tot Ion:119 Resp: 231255
 Ion Ratio Lower Upper
 119 100
 91 54.5 26.8 80.3
 134 23.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.100 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Tgt Ion:105 Resp: 231407
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 18.095 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

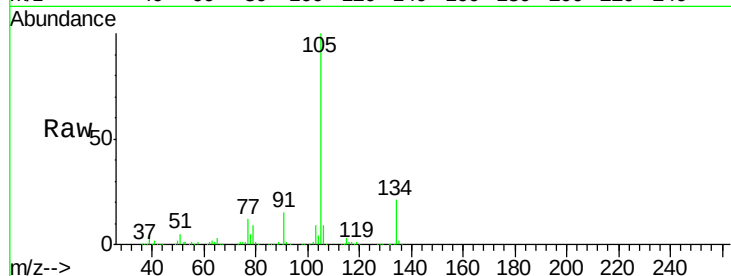
ClientSampled :

Tot Ion:105 Resp: 270459

Ion Ratio Lower Upper

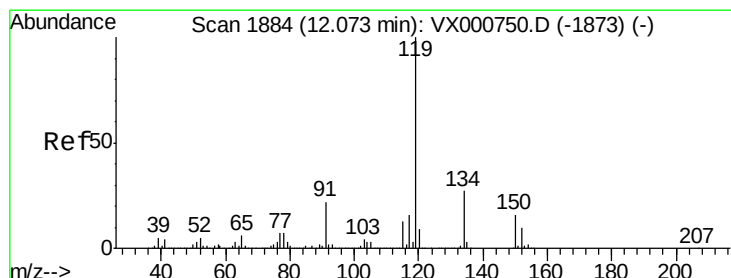
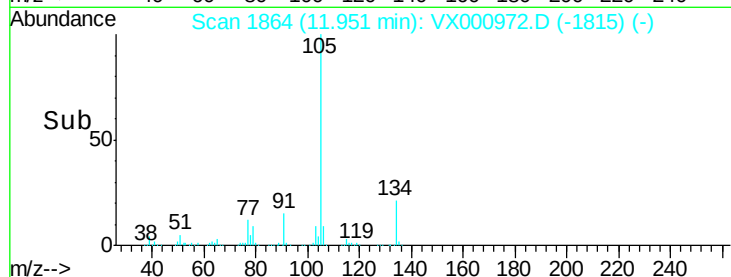
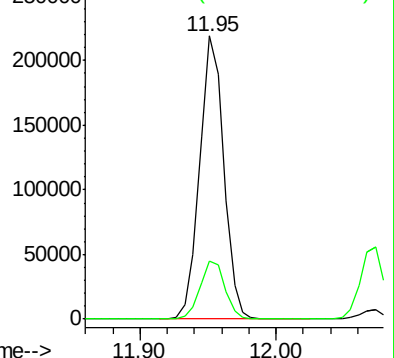
105 100

134 21.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.011 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

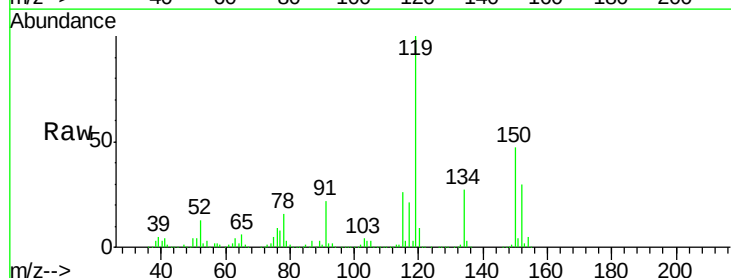
Tgt Ion:119 Resp: 251037

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

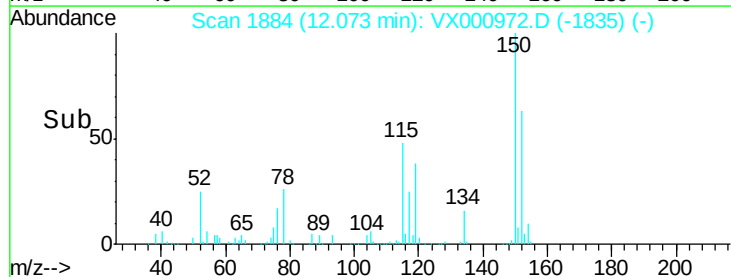
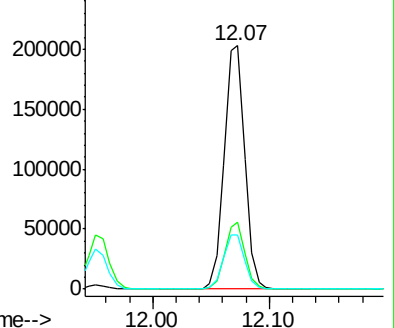
91 22.6 11.2 33.5

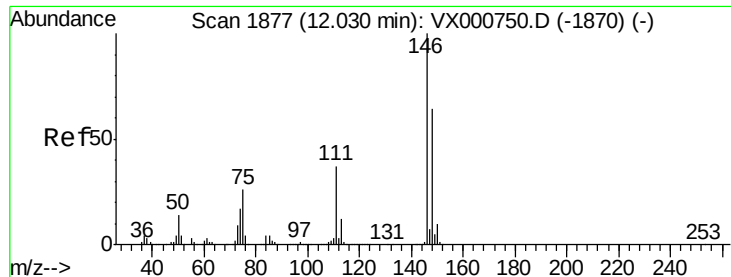


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.401 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

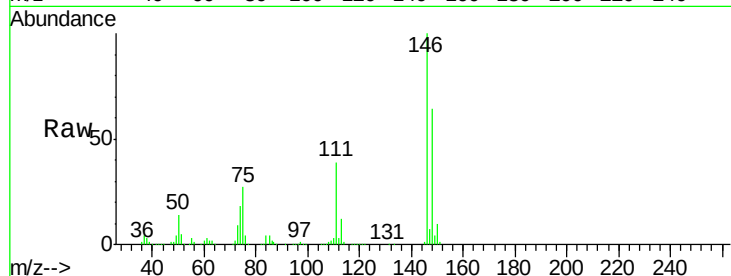
Tot Ion:146 Resp: 143728

Ion Ratio Lower Upper

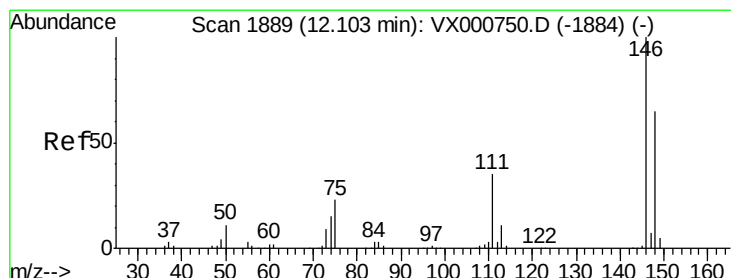
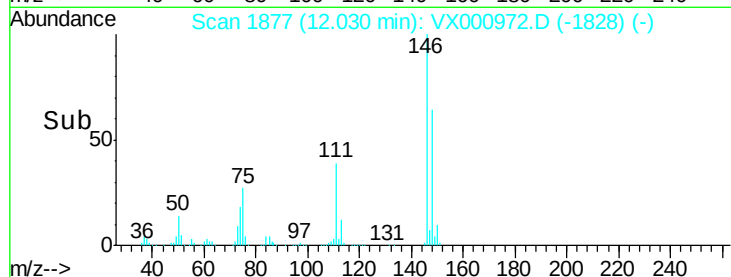
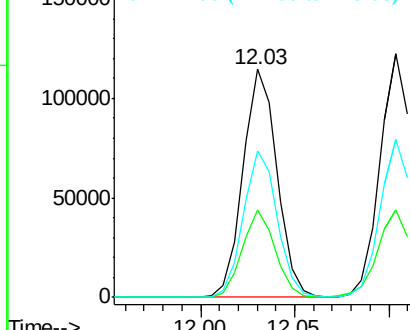
146 100

111 37.1 18.3 54.8

148 63.9 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 18.316 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

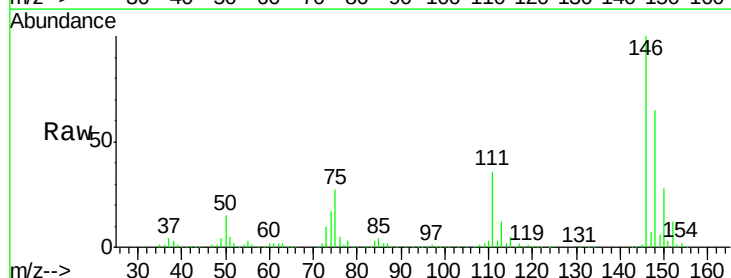
Tgt Ion:146 Resp: 146619

Ion Ratio Lower Upper

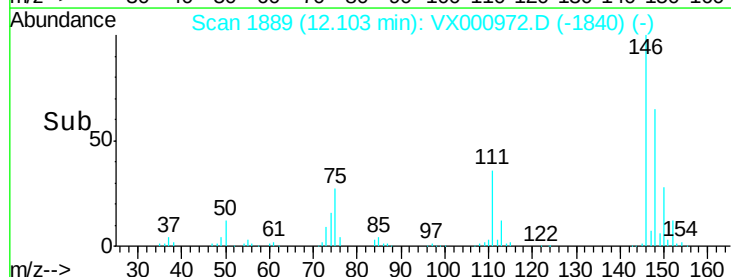
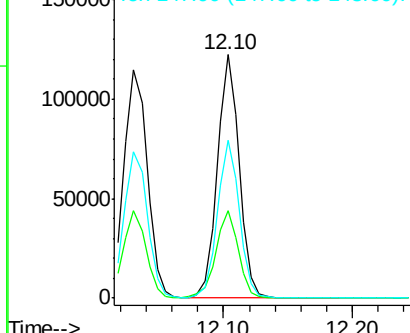
146 100

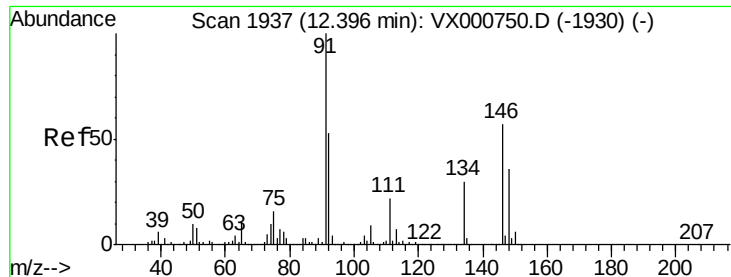
111 37.3 17.9 53.8

148 65.0 32.6 97.7



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





#89

n-Butylbenzene

Concen: 17.656 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

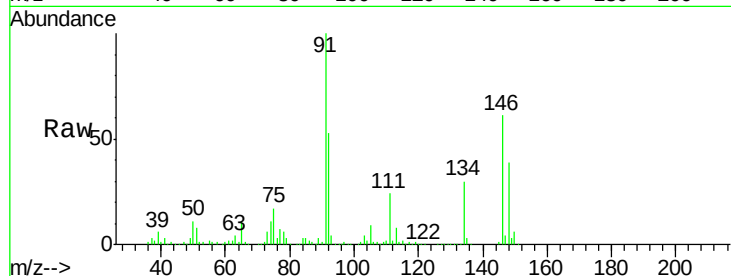
Tot Ion: 91 Resp: 217207

Ion Ratio Lower Upper

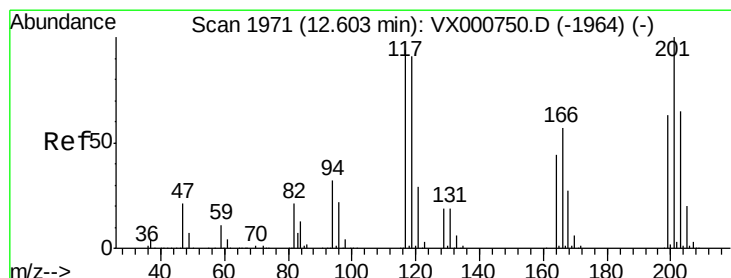
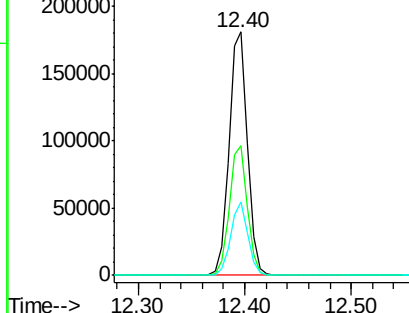
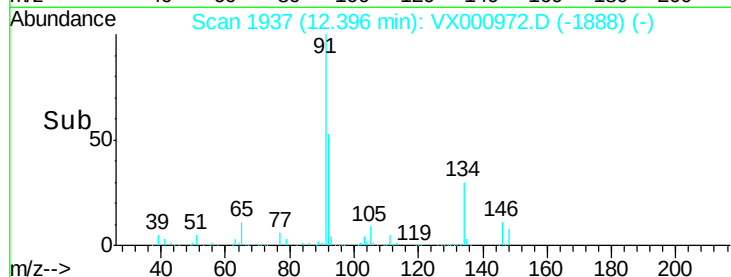
91 100

92 52.6 26.5 79.5

134 28.4 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 14.280 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000972.D

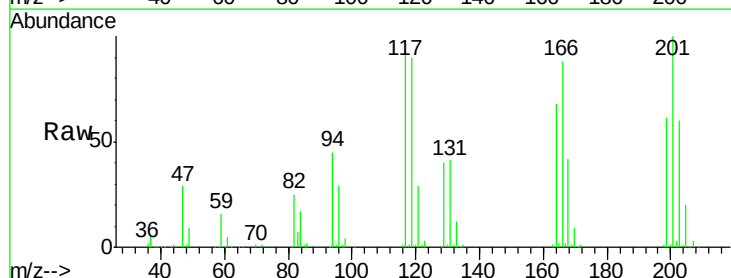
Acq: 17 Apr 2018 18:33

Tgt Ion: 117 Resp: 33679

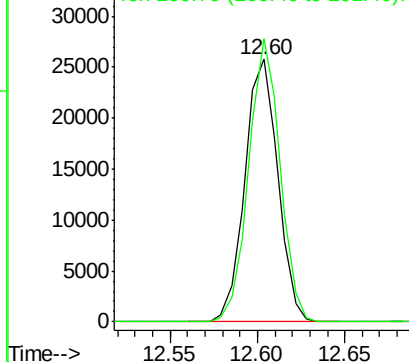
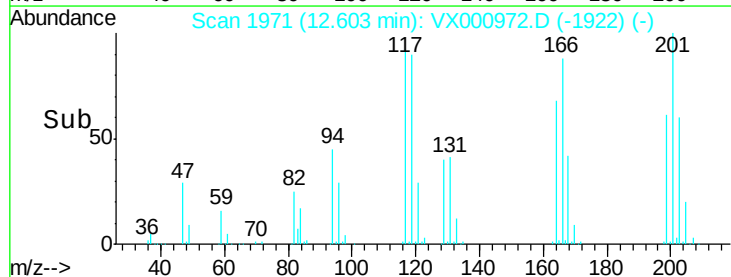
Ion Ratio Lower Upper

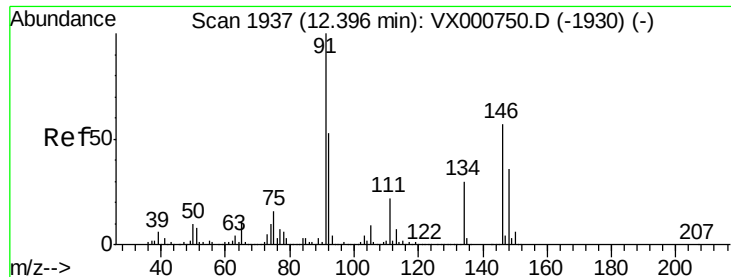
117 100

201 102.6 52.9 158.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

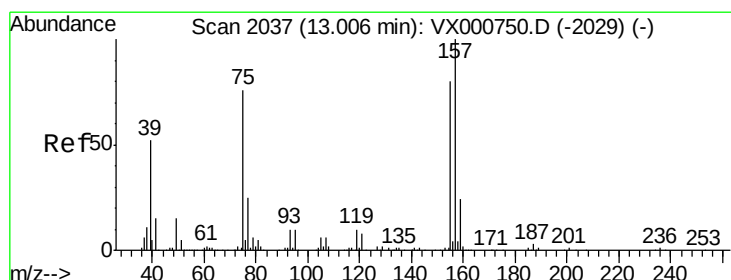
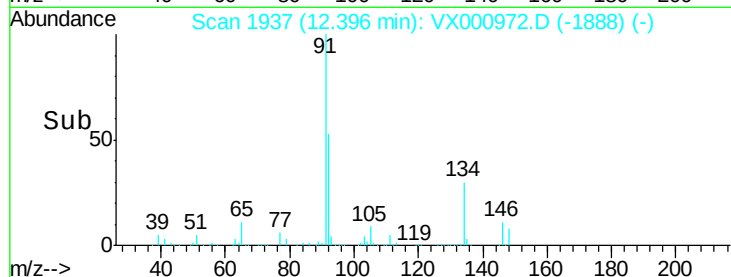
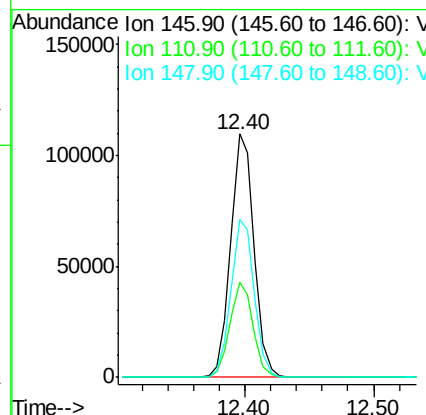
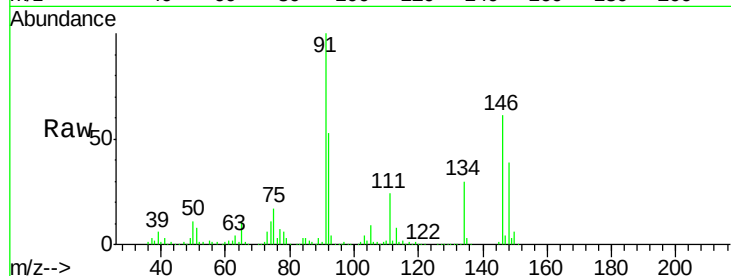




#91
 1,2-Dichlorobenzene
 Concen: 18.626 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

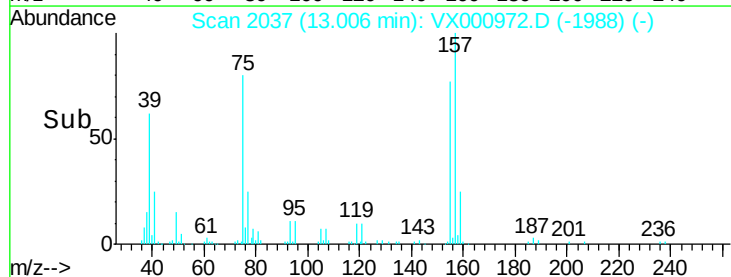
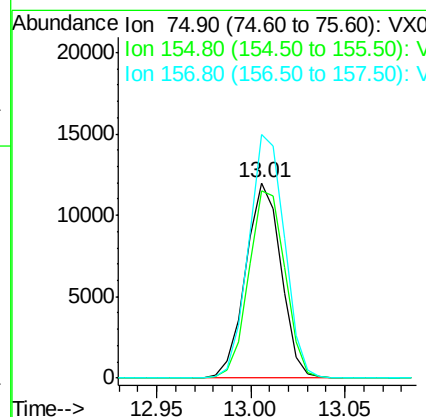
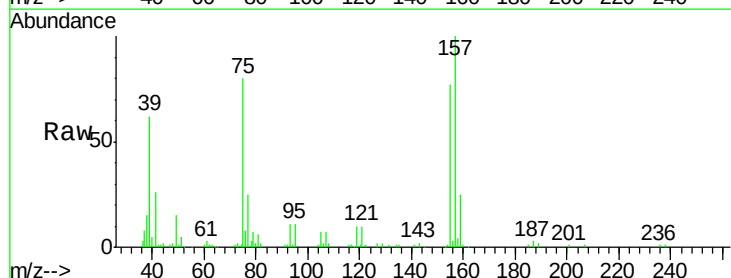
Instrument :
 MSVOA_X
 ClientSampled :

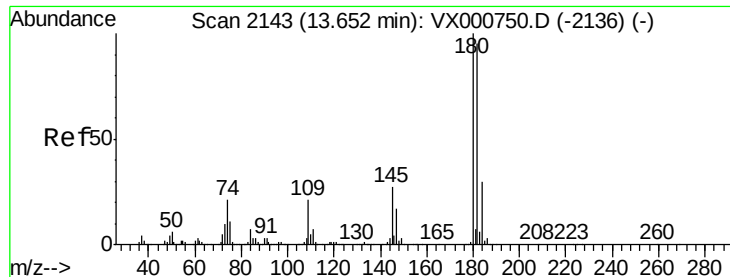
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.7
148	64.7	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.935 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	51.9	155.8
157	126.1	66.6	199.8

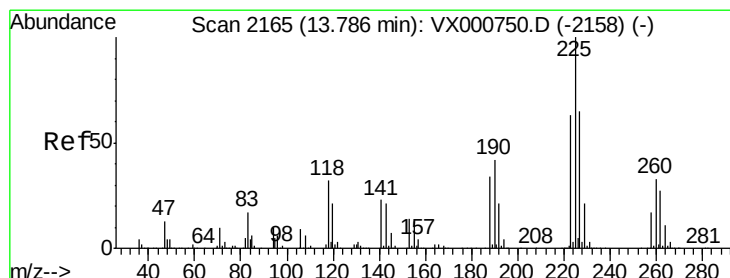
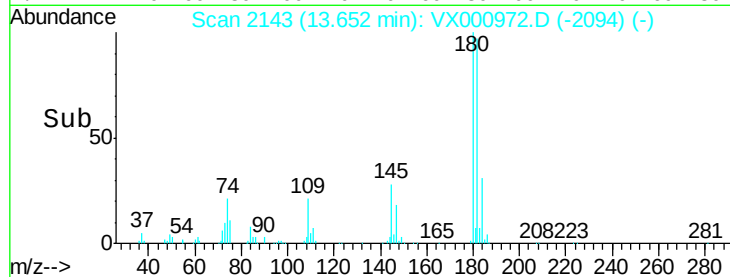
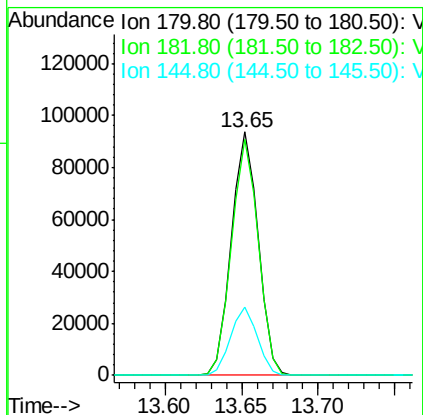
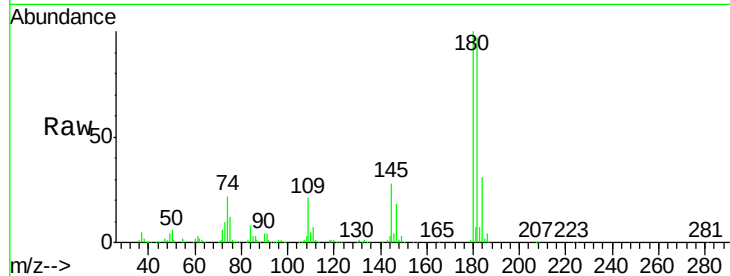




#93
 1,2,4-Trichlorobenzene
 Concen: 17.623 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

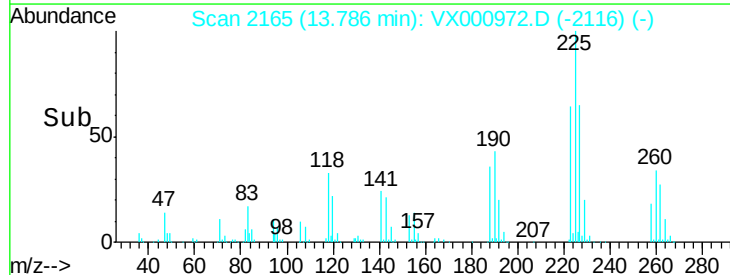
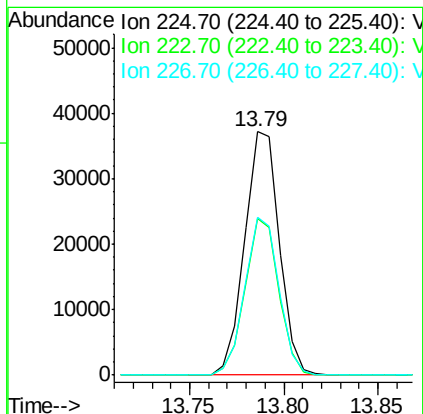
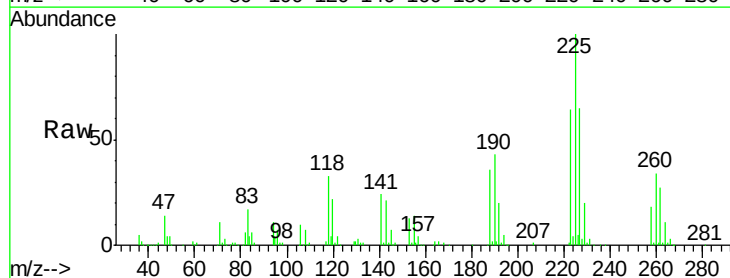
Instrument :
 MSVOA_X
 ClientSampleId :

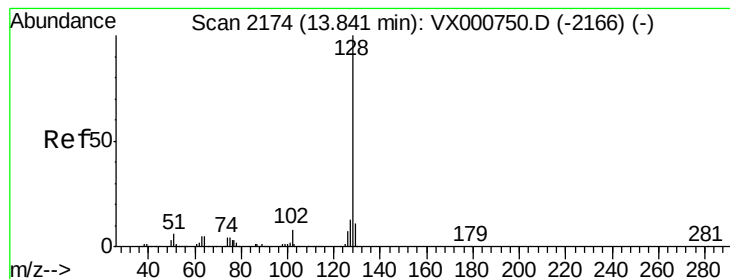
Tot Ion:180 Resp: 113393
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.5 142.5
 145 28.0 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 14.963 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000972.D
 Acq: 17 Apr 2018 18:33

Tgt Ion:225 Resp: 47340
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.2 93.6
 227 63.8 32.3 96.9





#95

Naphthalene

Concen: 17.987 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

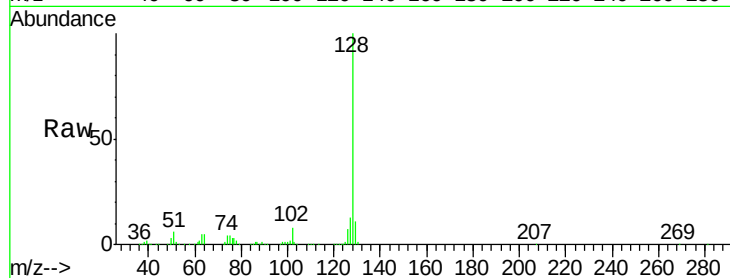
Tot Ion:128 Resp: 297078

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

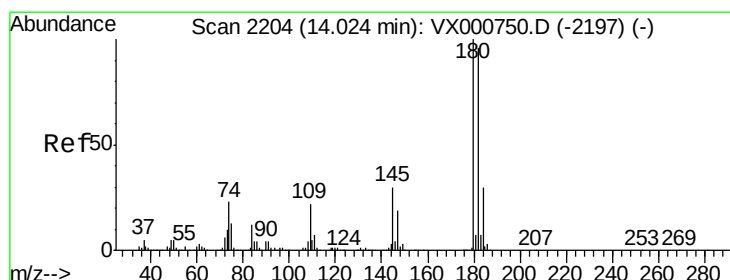
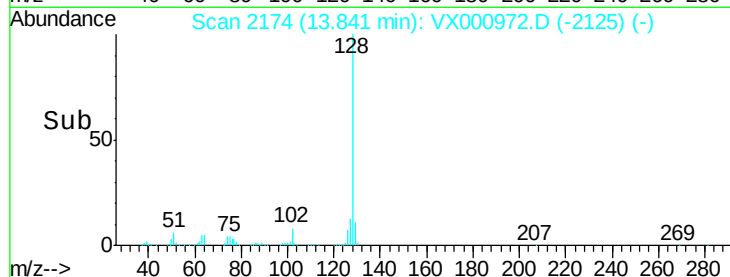
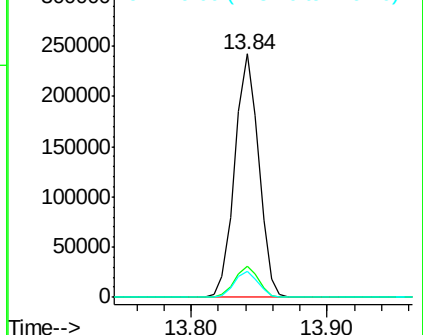
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.610 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000972.D

Acq: 17 Apr 2018 18:33

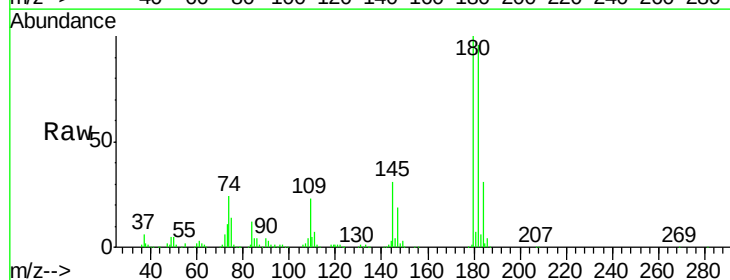
Tgt Ion:180 Resp: 110057

Ion Ratio Lower Upper

180 100

182 96.9 48.4 145.2

145 29.4 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

