

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
 Data File : VX000870.D
 Acq On : 14 Apr 2018 13:09
 Operator : JC/MD
 Sample : VX0414WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

Quant Time: Apr 16 05:49:36 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	273410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	241060	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170677	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.51	113	141099	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.72	98	519478	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.15	95	213245	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	59763	19.36	ug/l	99
3) Chloromethane	1.32	50	49933	18.87	ug/l	99
4) Vinyl Chloride	1.40	62	57630	19.36	ug/l	99
5) Bromomethane	1.64	94	31016	24.47	ug/l	99
6) Chloroethane	1.73	64	34499	19.12	ug/l	99
7) Trichlorofluoromethane	1.93	101	88461	19.70	ug/l	98
8) Diethyl Ether	2.19	74	35526	21.18	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54860	20.72	ug/l	99
10) Methyl Iodide	2.51	142	27866	19.53	ug/l	99
11) Tert butyl alcohol	3.08	59	69333	113.28	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49121	19.58	ug/l	96
13) Acrolein	2.29	56	14943	50.27	ug/l	99
14) Allyl chloride	2.73	41	90867	19.58	ug/l	98
15) Acrylonitrile	3.15	53	151150	115.83	ug/l	99
16) Acetone	2.45	43	132831	111.73	ug/l	100
17) Carbon Disulfide	2.57	76	125321	16.49	ug/l	99
18) Methyl Acetate	2.78	43	76614	24.90	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	178923	21.41	ug/l	99
20) Methylene Chloride	2.86	84	54937	19.87	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	53507	19.34	ug/l	99
22) Diisopropyl ether	3.88	45	184675	21.66	ug/l	99
23) Vinyl Acetate	3.83	43	816031	108.99	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97478	20.37	ug/l	100
25) 2-Butanone	4.72	43	226617	115.43	ug/l	100
26) 2,2-Dichloropropane	4.59	77	86673	18.25	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	63850	20.33	ug/l	100
28) Bromochloromethane	5.03	49	40076	20.80	ug/l	97
29) Tetrahydrofuran	5.18	42	143217	114.89	ug/l	99
30) Chloroform	5.23	83	104663	20.66	ug/l	97
31) Cyclohexane	5.58	56	87489	19.25	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	95251	19.74	ug/l	100
36) 1,1-Dichloropropene	5.81	75	78953	19.75	ug/l	99
37) Ethyl Acetate	4.87	43	88576	22.70	ug/l	100
38) Carbon Tetrachloride	5.79	117	83847	18.74	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
 Data File : VX000870.D
 Acq On : 14 Apr 2018 13:09
 Operator : JC/MD
 Sample : VX0414WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

Quant Time: Apr 16 05:49:36 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	7.46	83	95569	19.91	ug/l	99
40) Benzene	6.15	78	228404	20.57	ug/l	99
41) Methacrylonitrile	5.07	41	51224	22.72	ug/l	99
42) 1,2-Dichloroethane	6.20	62	88202	21.26	ug/l	100
43) Isopropyl Acetate	6.48	43	145048	21.68	ug/l	100
44) Trichloroethene	7.22	130	69466	20.11	ug/l	98
45) 1,2-Dichloropropane	7.53	63	60527	21.40	ug/l	99
46) Dibromomethane	7.67	93	41266	20.93	ug/l	99
47) Bromodichloromethane	7.90	83	78750	19.79	ug/l	98
48) Methyl methacrylate	7.79	41	74948	21.61	ug/l	99
49) 1,4-Dioxane	7.77	88	31139	446.84	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	455568	115.93	ug/l	100
52) Toluene	8.79	92	149688	20.32	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95492	20.01	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	91058	19.59	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	62461	21.35	ug/l	98
56) Ethyl methacrylate	9.19	69	96745	21.44	ug/l	99
57) 1,3-Dichloropropane	9.38	76	101544	21.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	247414	117.36	ug/l	100
59) 2-Hexanone	9.51	43	350324	115.48	ug/l	100
60) Dibromochloromethane	9.59	129	67832	19.38	ug/l	100
61) 1,2-Dibromoethane	9.68	107	66524	21.44	ug/l	100
64) Tetrachloroethene	9.34	164	73257	21.59	ug/l	99
65) Chlorobenzene	10.15	112	179627	20.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	65632	19.97	ug/l	99
67) Ethyl Benzene	10.26	91	298419	20.50	ug/l	100
68) m/p-Xylenes	10.37	106	235072	40.91	ug/l	99
69) o-Xylene	10.71	106	113018	20.41	ug/l	97
70) Styrene	10.72	104	192126	20.58	ug/l	100
71) Bromoform	10.87	173	56245	18.49	ug/l #	100
73) Isopropylbenzene	11.02	105	310566	20.31	ug/l	100
74) N-amyl acetate	6.48	43	145048	21.06	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	94021	21.18	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	109336	26.30	ug/l	86
77) Bromobenzene	11.26	156	89946	20.07	ug/l	99
78) n-propylbenzene	11.37	91	351843	20.11	ug/l	99
79) 2-Chlorotoluene	11.43	91	208107	20.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	266255	20.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25795	17.07	ug/l	91
82) 4-Chlorotoluene	11.52	91	251599	20.16	ug/l	100
83) tert-Butylbenzene	11.77	119	271202	20.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	275192	20.27	ug/l	99
85) sec-Butylbenzene	11.95	105	325136	20.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	300764	20.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	168825	20.35	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	172783	20.32	ug/l	99
89) n-Butylbenzene	12.40	91	266431	20.39	ug/l	100
90) Hexachloroethane	12.60	117	42667	17.03	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	164070	20.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21198	19.06	ug/l	99

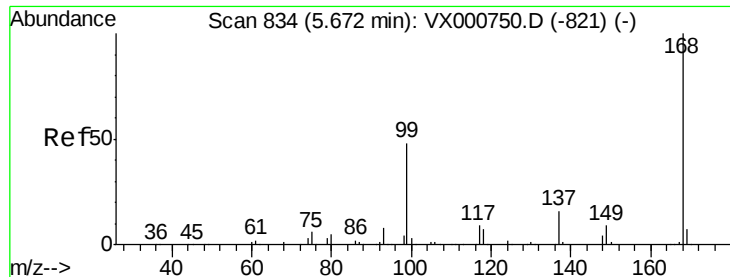
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
Data File : VX000870.D
Acq On : 14 Apr 2018 13:09
Operator : JC/MD
Sample : VX0414WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Quant Time: Apr 16 05:49:36 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	140607	20.58	ug/l	99
94) Hexachlorobutadiene	13.79	225	69982	20.83	ug/l	100
95) Naphthalene	13.84	128	375099	21.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	138270	20.83	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

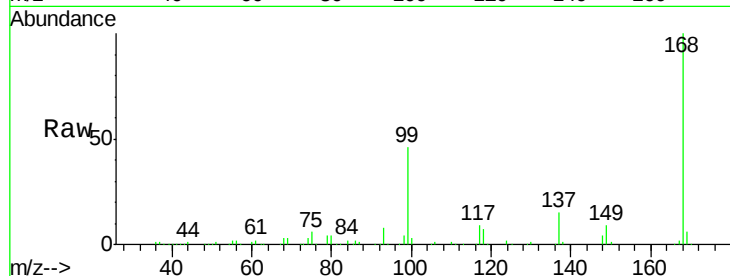
VX0414WBSD01

Tgt Ion:168 Resp: 273410

Ion Ratio Lower Upper

168 100

99 45.9 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

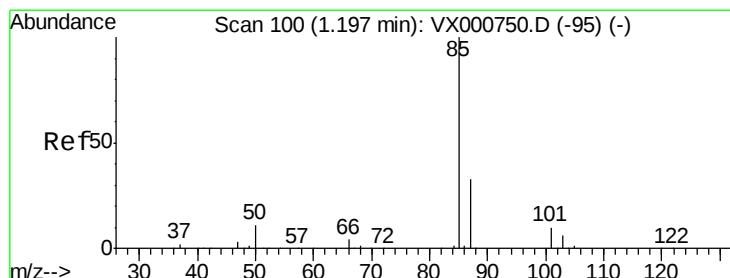
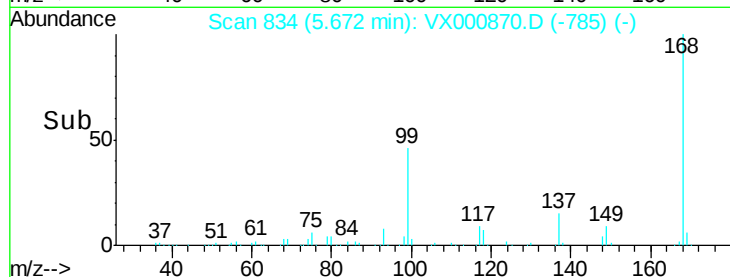
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000870.D

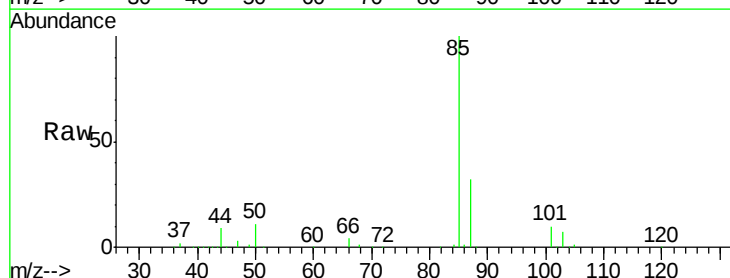
Acq: 14 Apr 2018 13:09

Tgt Ion: 85 Resp: 59763

Ion Ratio Lower Upper

85 100

87 32.0 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

30000

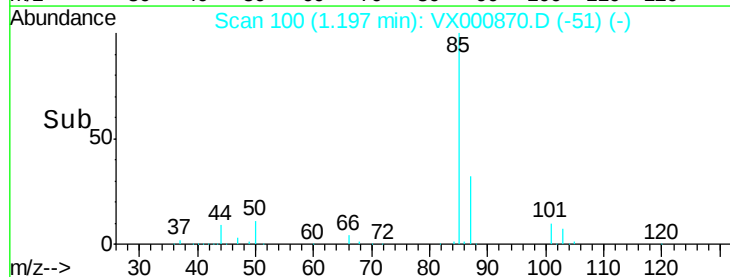
20000

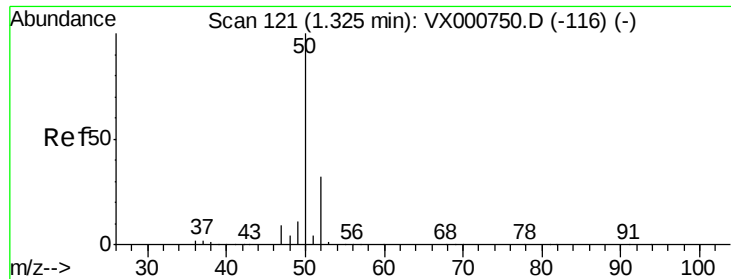
10000

0

Time-->

1.15 1.20 1.25 1.30

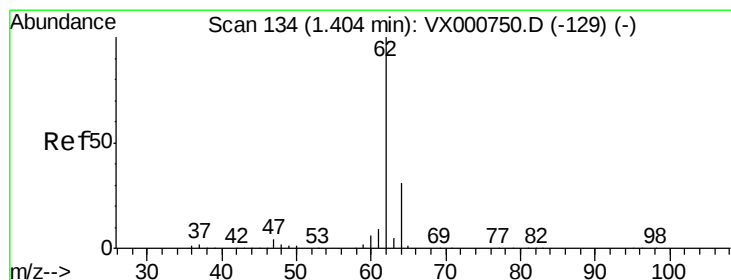
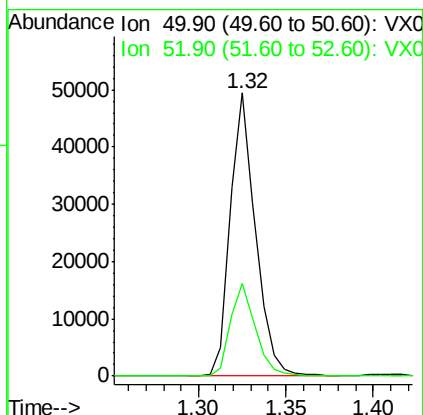
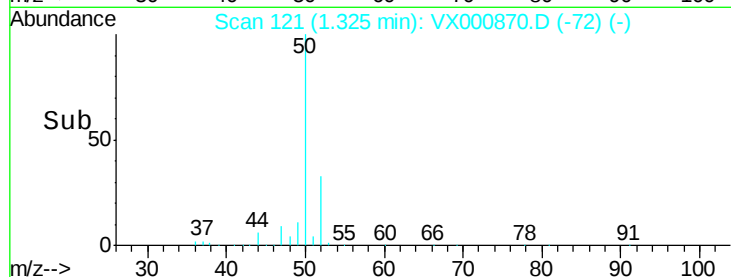
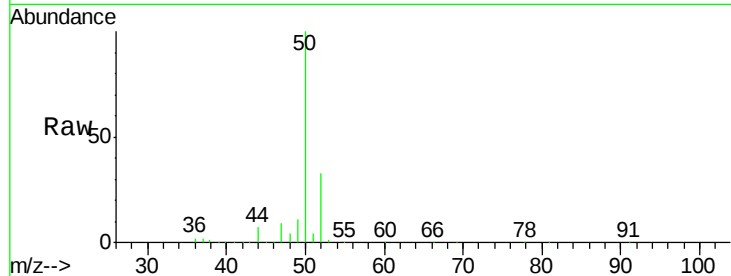




#3
Chloromethane
Concen: 18.87 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

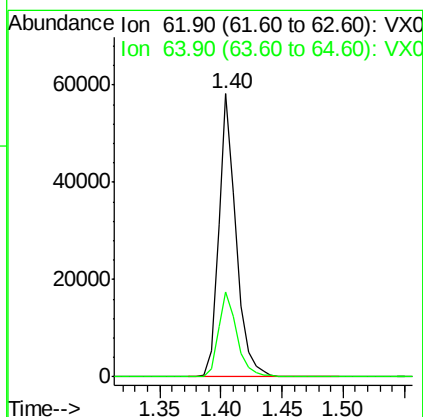
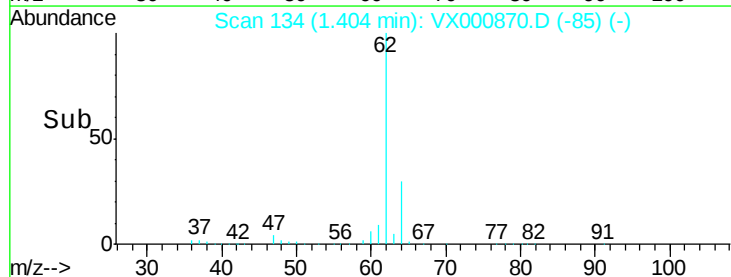
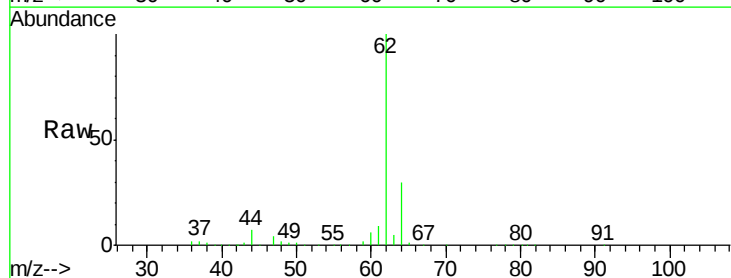
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

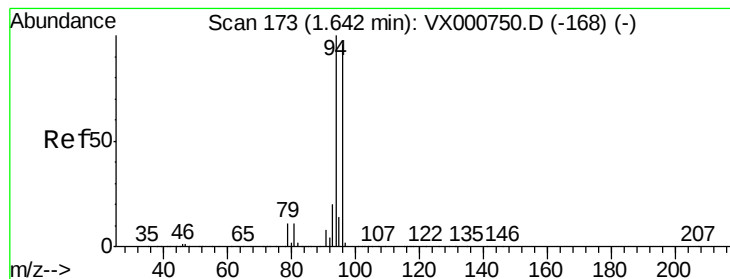
Tgt Ion: 50 Resp: 49933
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.8



#4
Vinyl Chloride
Concen: 19.36 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion: 62 Resp: 57630
Ion Ratio Lower Upper
62 100
64 30.2 24.6 36.8





#5

Bromomethane

Concen: 24.47 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

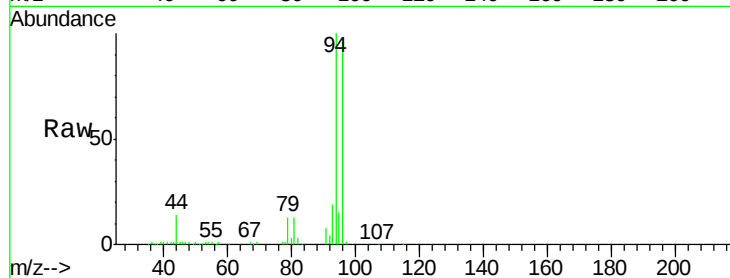
VX0414WBSD01

Tgt Ion: 94 Resp: 31016

Ion Ratio Lower Upper

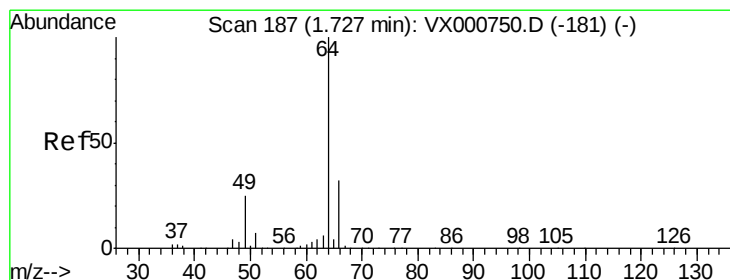
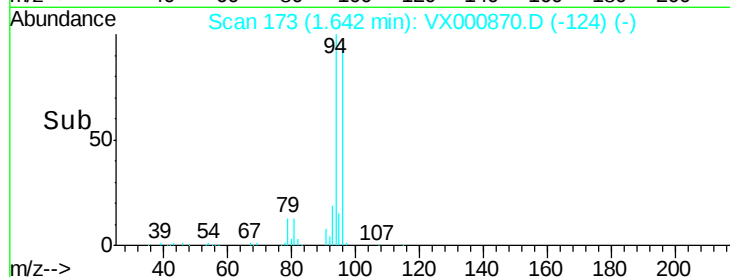
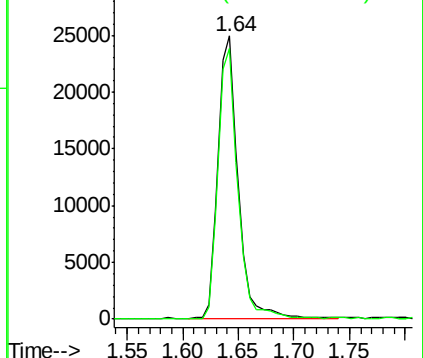
94 100

96 95.8 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.12 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000870.D

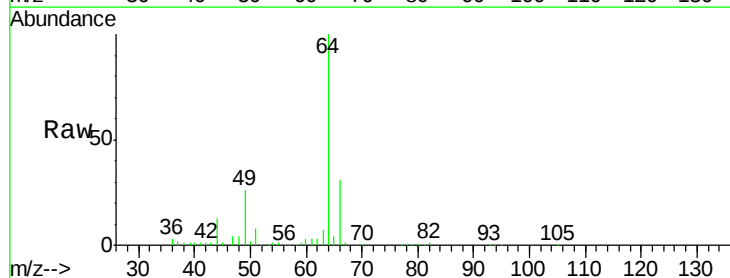
Acq: 14 Apr 2018 13:09

Tgt Ion: 64 Resp: 34499

Ion Ratio Lower Upper

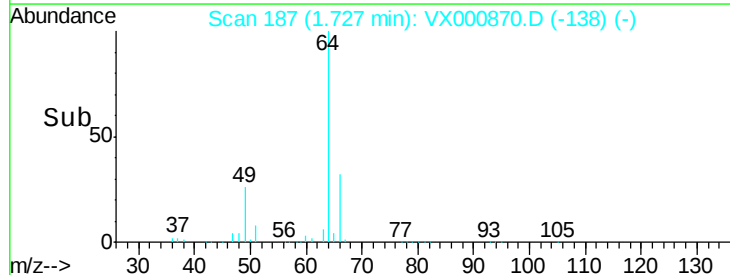
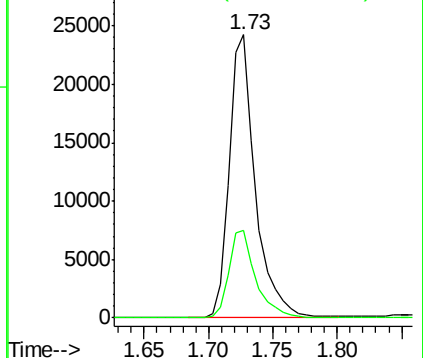
64 100

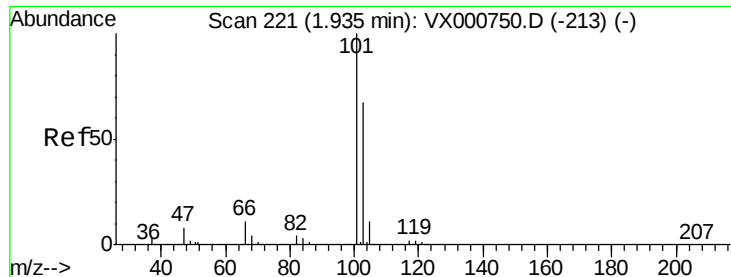
66 31.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.70 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

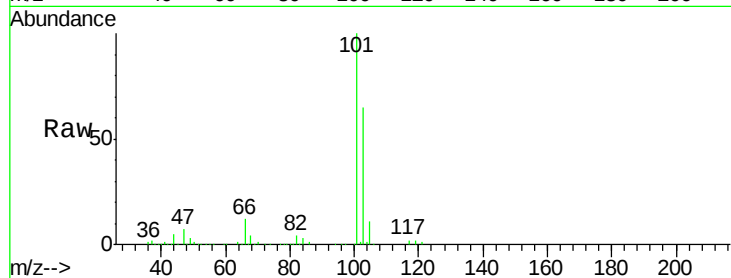
VX0414WBSD01

Tgt Ion:101 Resp: 88461

Ion Ratio Lower Upper

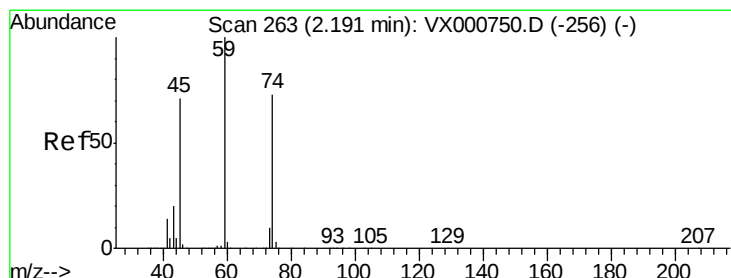
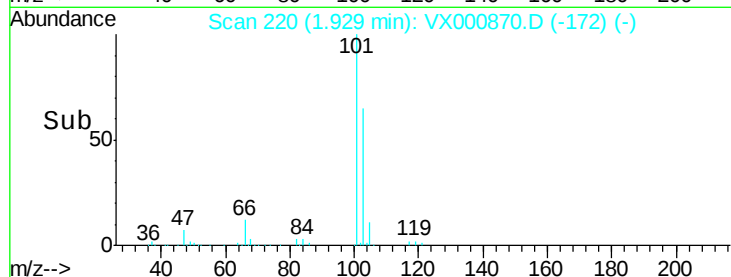
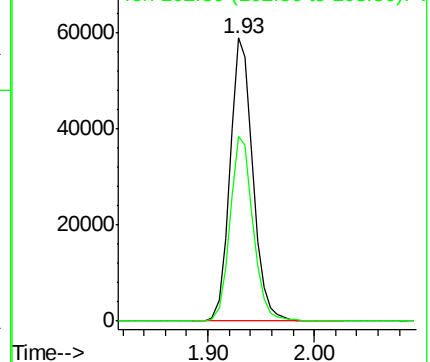
101 100

103 65.2 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.18 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX000870.D

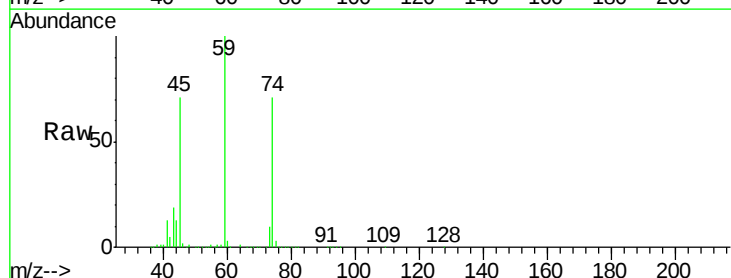
Acq: 14 Apr 2018 13:09

Tgt Ion: 74 Resp: 35526

Ion Ratio Lower Upper

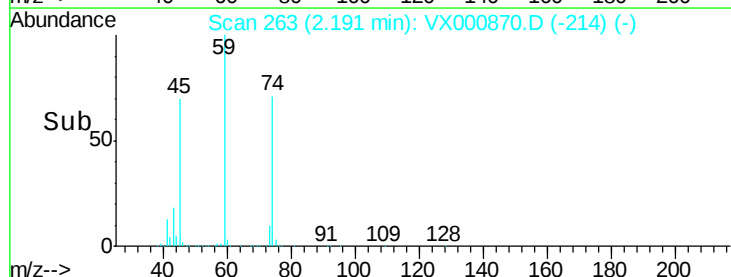
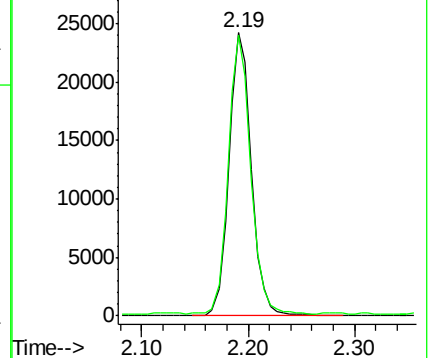
74 100

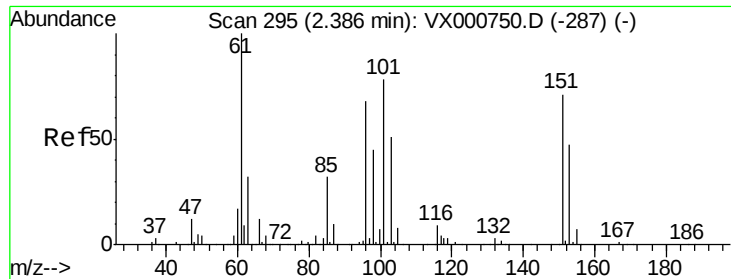
45 98.2 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.72 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

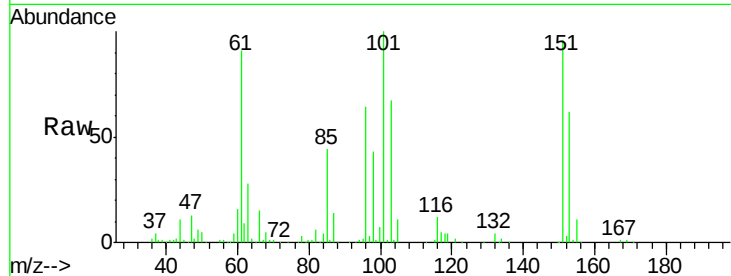
Tgt Ion:101 Resp: 54860

Ion Ratio Lower Upper

101 100

85 42.4 34.0 51.0

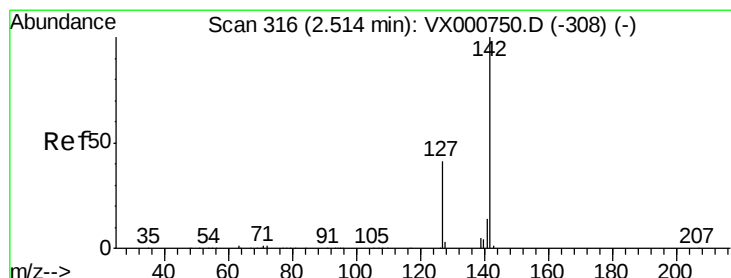
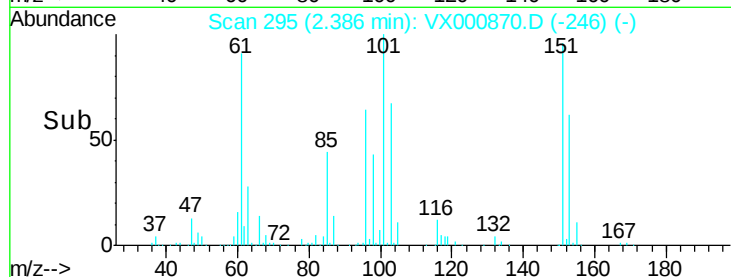
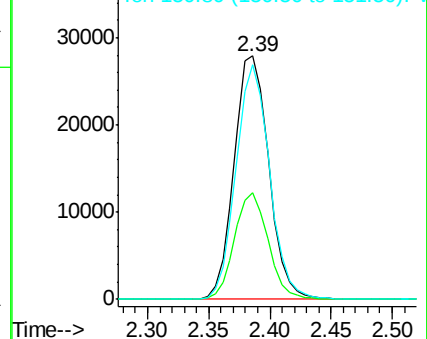
151 93.4 75.8 113.8



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: 19.53 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

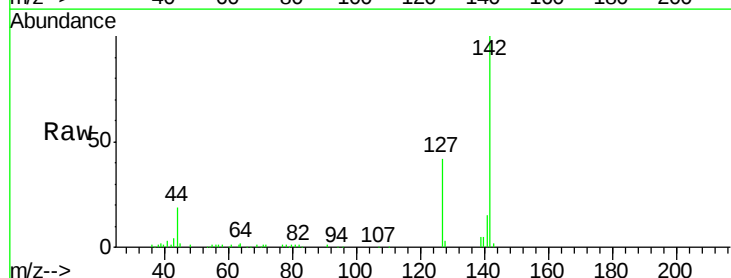
Tgt Ion:142 Resp: 27866

Ion Ratio Lower Upper

142 100

127 41.2 32.6 49.0

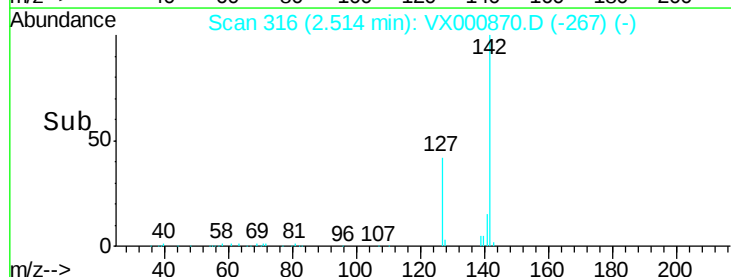
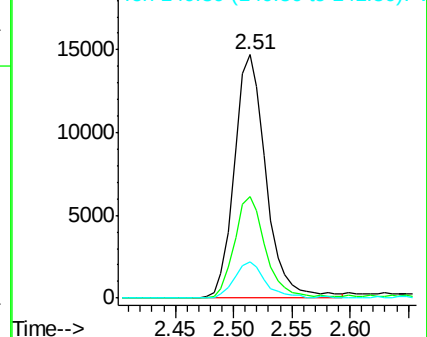
141 14.2 11.5 17.3

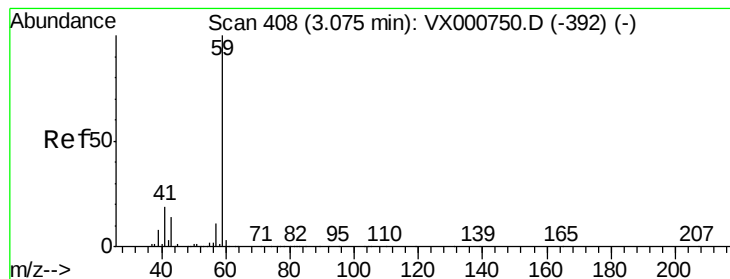


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 113.28 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

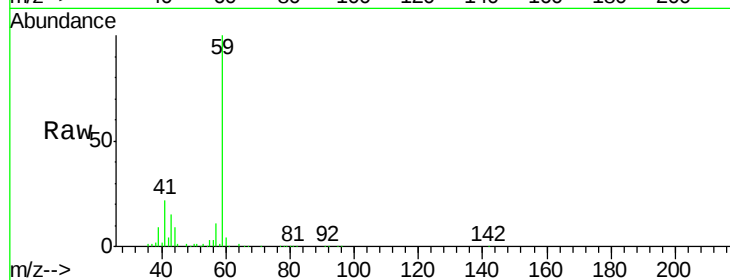
VX0414WBSD01

Tgt Ion: 59 Resp: 69333

Ion Ratio Lower Upper

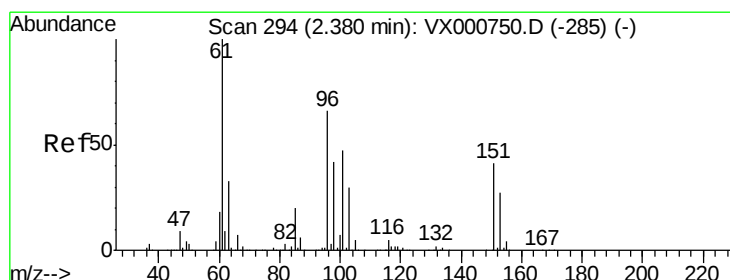
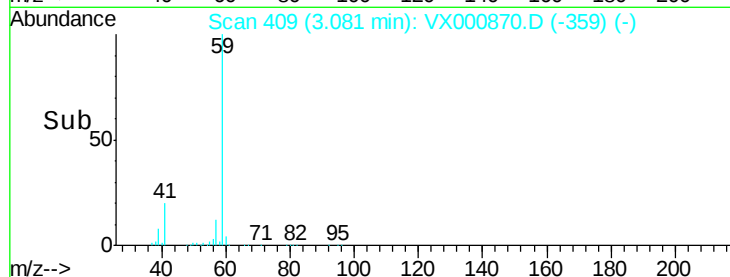
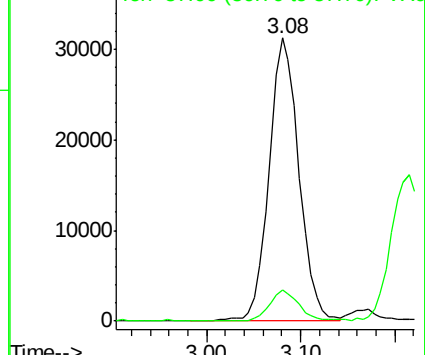
59 100

57 10.2 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.58 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

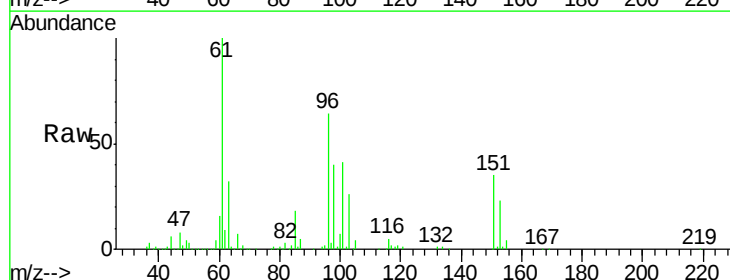
Tgt Ion: 96 Resp: 49121

Ion Ratio Lower Upper

96 100

61 156.5 120.5 180.7

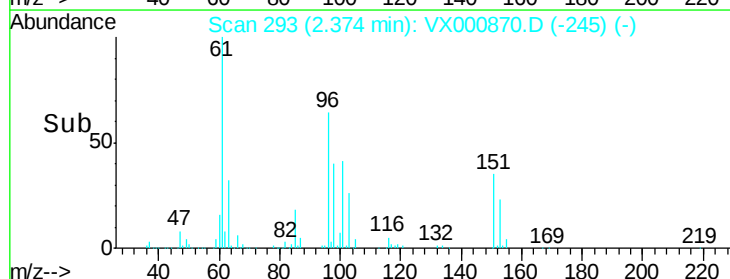
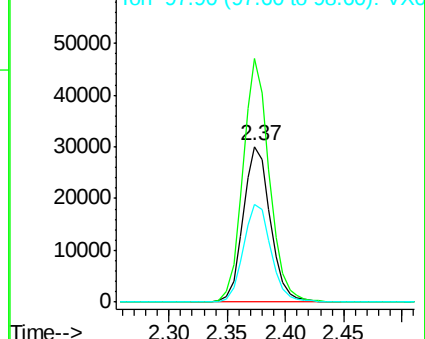
98 62.6 50.9 76.3

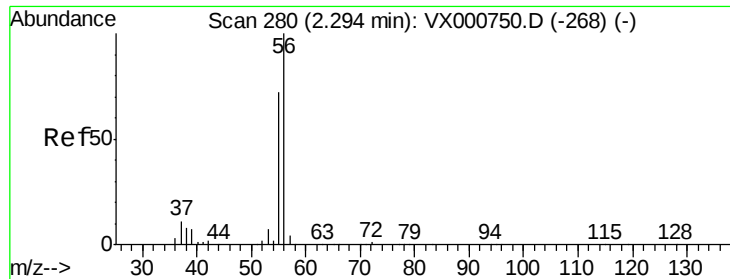


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 50.27 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

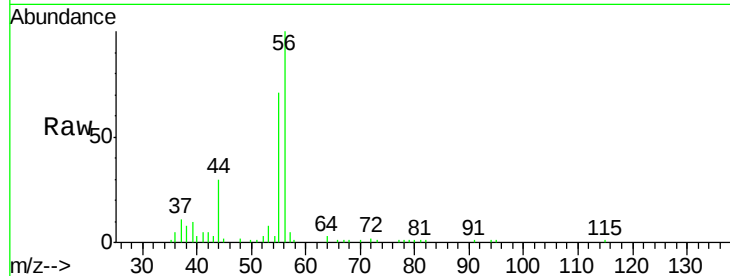
VX0414WBSD01

Tgt Ion: 56 Resp: 14943

Ion Ratio Lower Upper

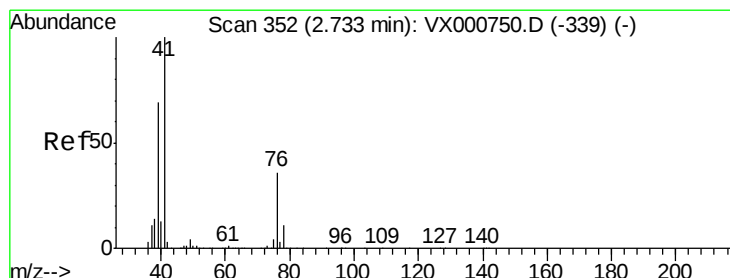
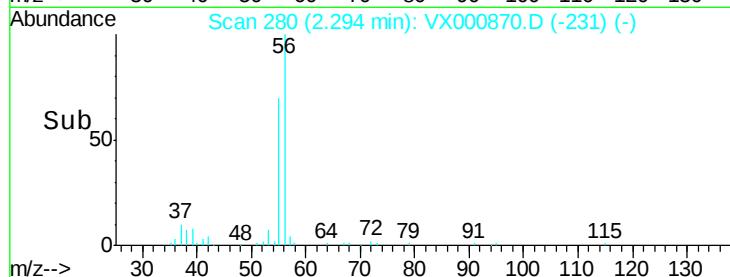
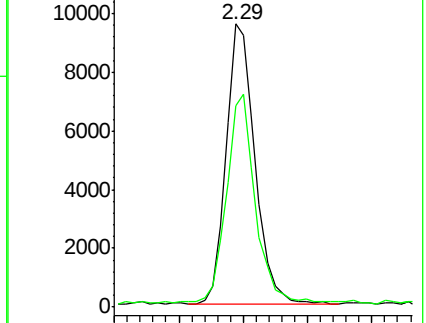
56 100

55 74.1 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.58 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

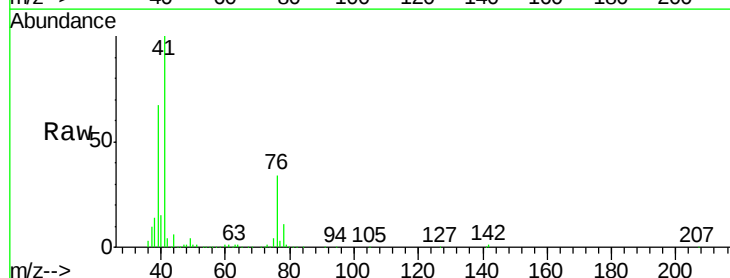
Tgt Ion: 41 Resp: 90867

Ion Ratio Lower Upper

41 100

39 62.2 51.5 77.3

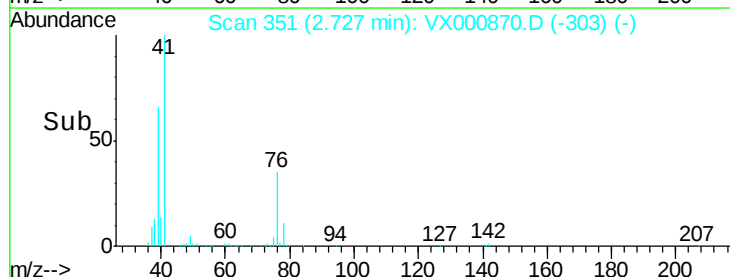
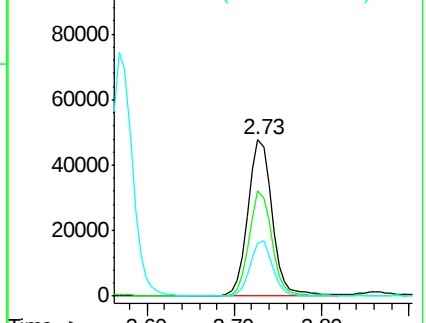
76 33.1 26.5 39.7

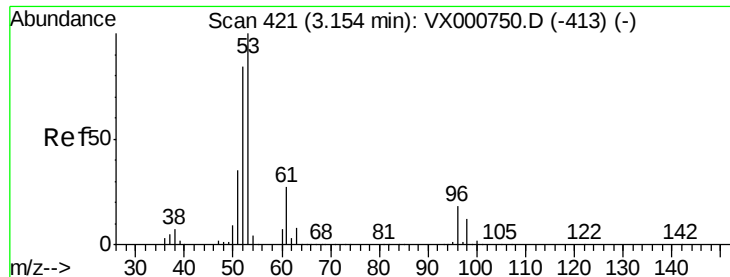


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 115.83 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

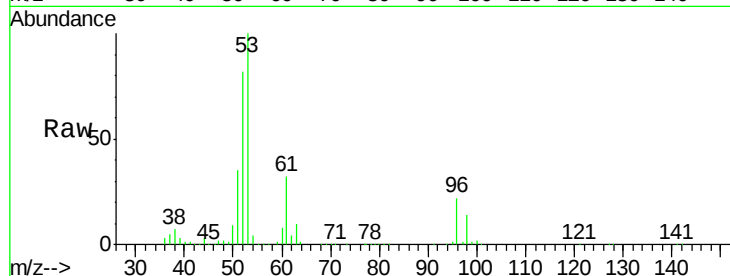
Tgt Ion: 53 Resp: 151150

Ion Ratio Lower Upper

53 100

52 81.9 66.5 99.7

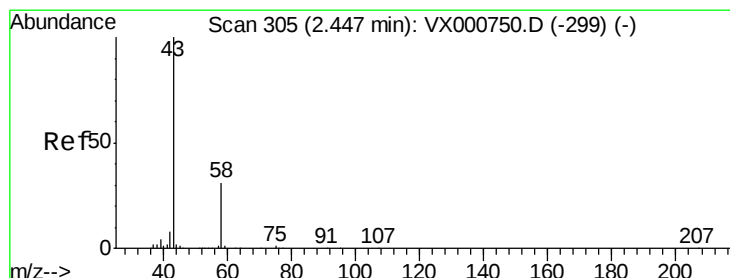
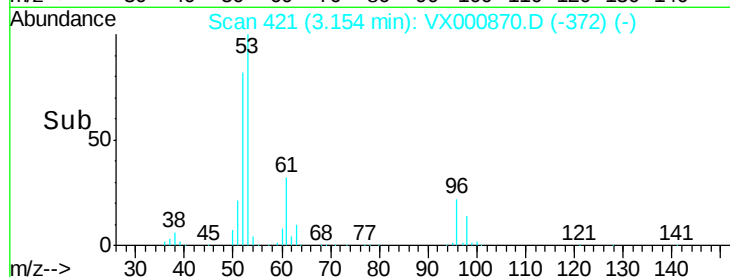
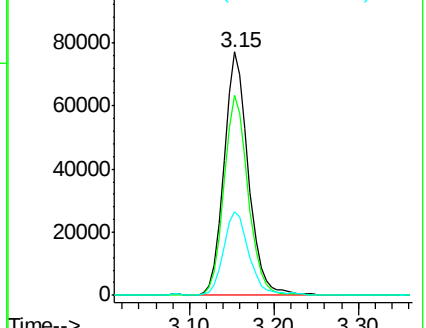
51 36.4 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 111.73 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000870.D

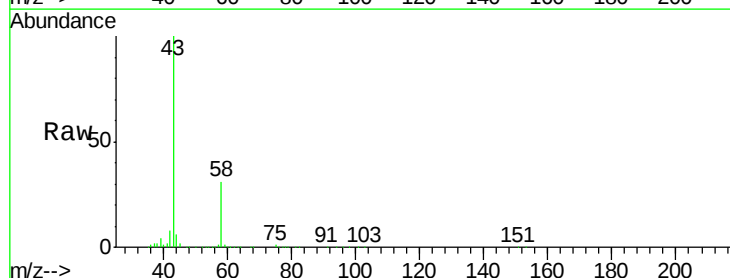
Acq: 14 Apr 2018 13:09

Tgt Ion: 43 Resp: 132831

Ion Ratio Lower Upper

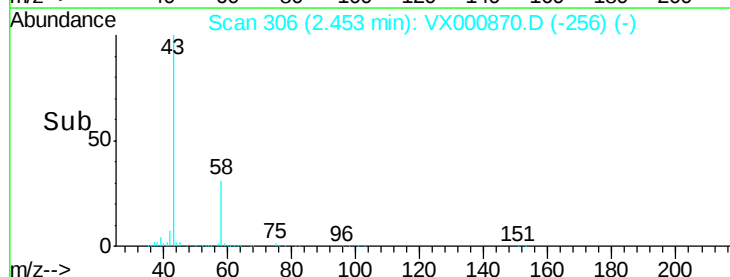
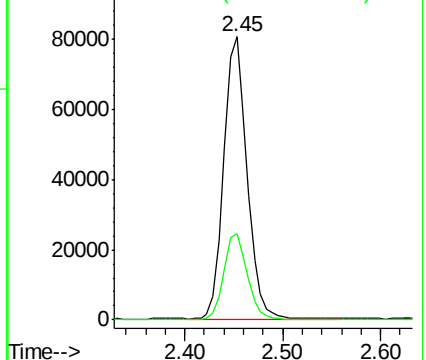
43 100

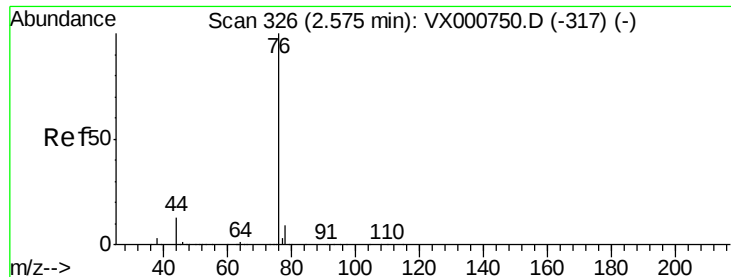
58 30.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

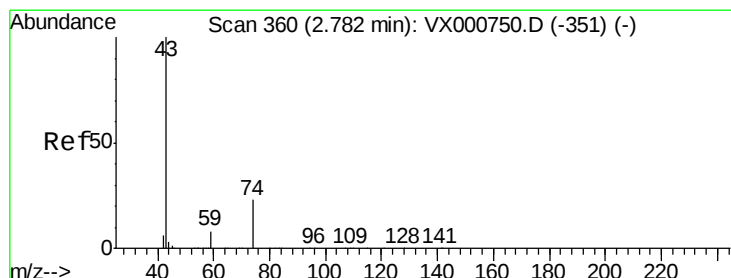
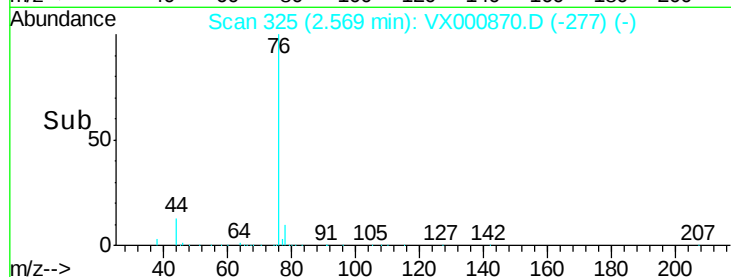
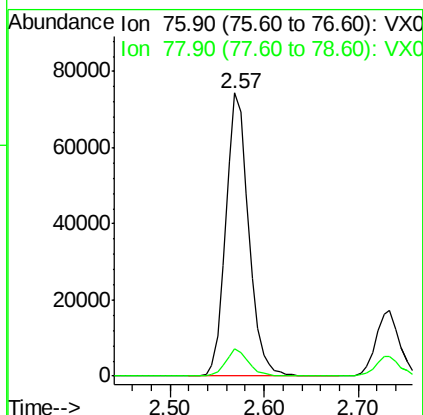
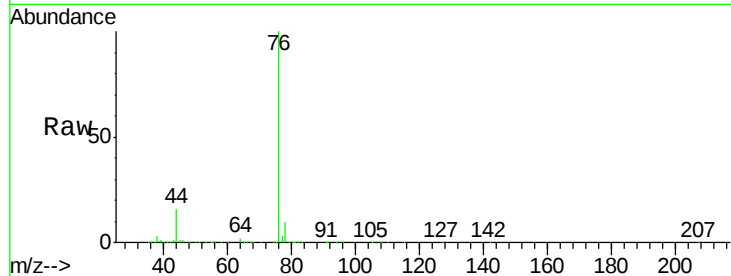




#17
Carbon Disulfide
Concen: 16.49 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

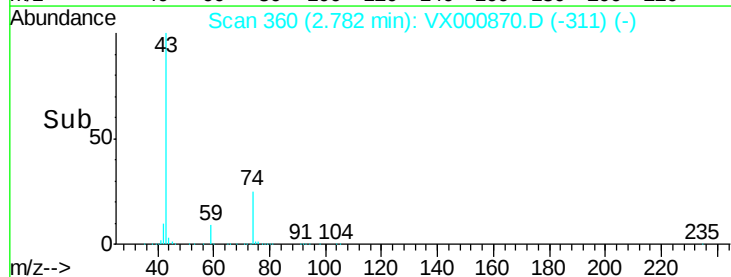
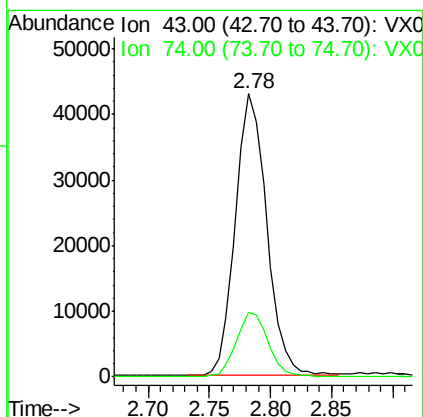
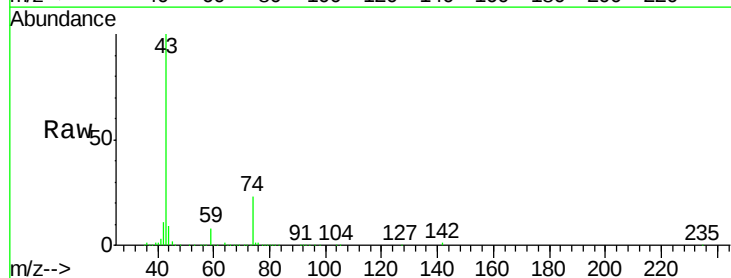
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

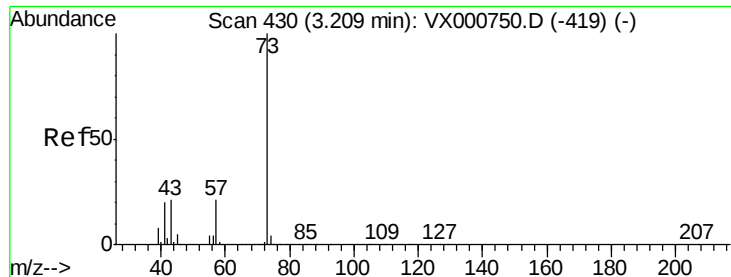
Tgt Ion: 76 Resp: 125321
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 24.90 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion: 43 Resp: 76614
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 21.41 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

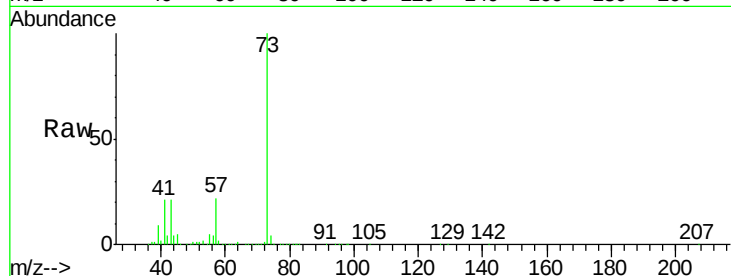
VX0414WBSD01

Tgt Ion: 73 Resp: 178923

Ion Ratio Lower Upper

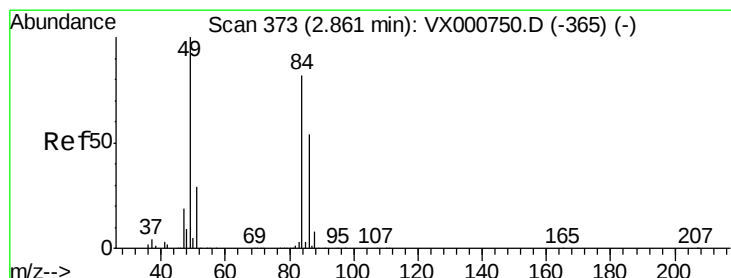
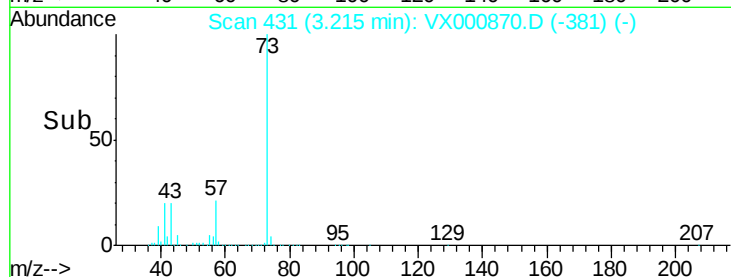
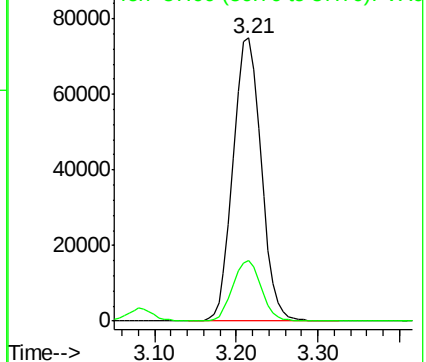
73 100

57 21.5 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 19.87 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Tgt Ion: 84 Resp: 54937

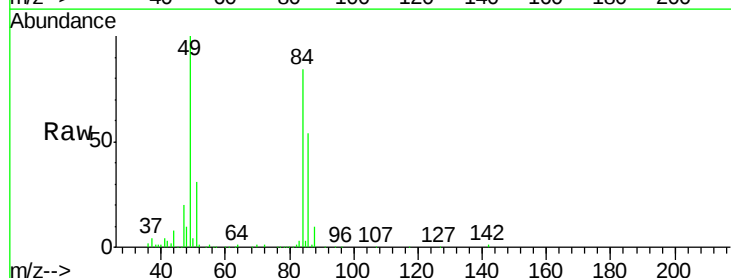
Ion Ratio Lower Upper

84 100

49 118.4 98.1 147.1

51 36.7 28.9 43.3

86 64.0 52.7 79.1

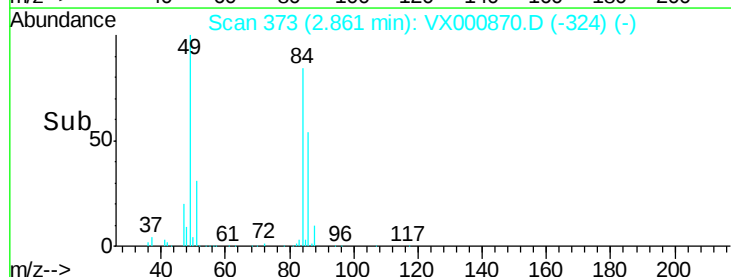
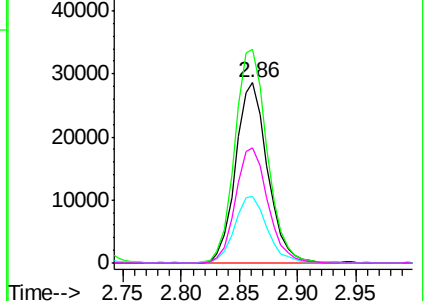


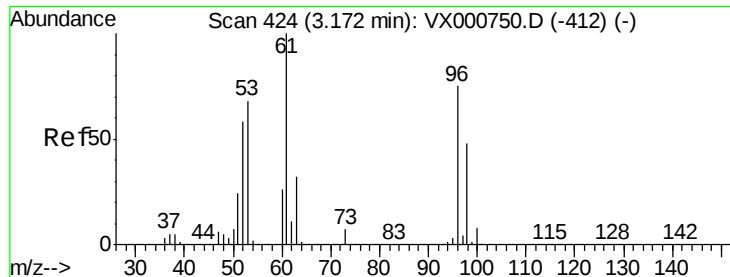
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

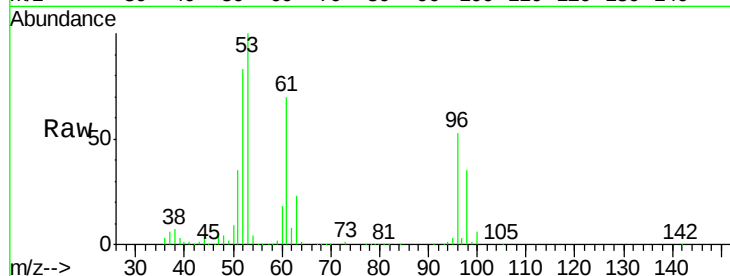
Tgt Ion: 96 Resp: 53507

Ion Ratio Lower Upper

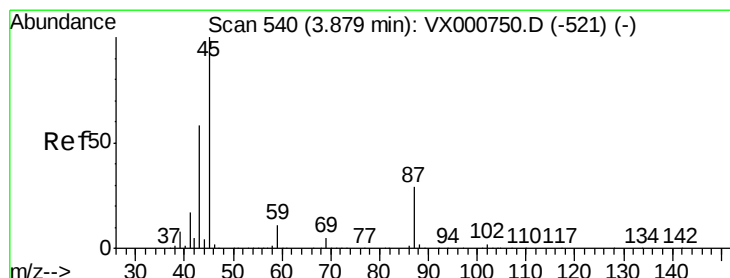
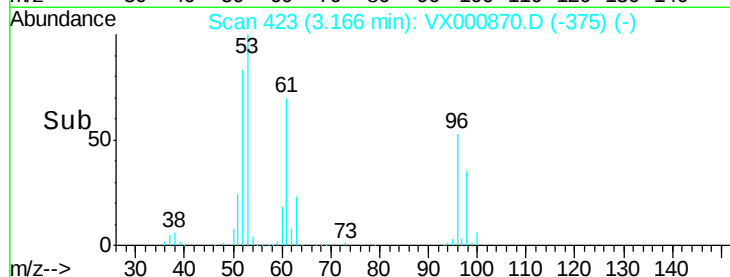
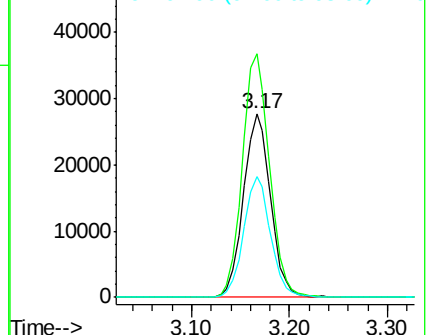
96 100

61 132.4 106.2 159.2

98 65.6 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: 21.66 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Tgt Ion: 45 Resp: 184675

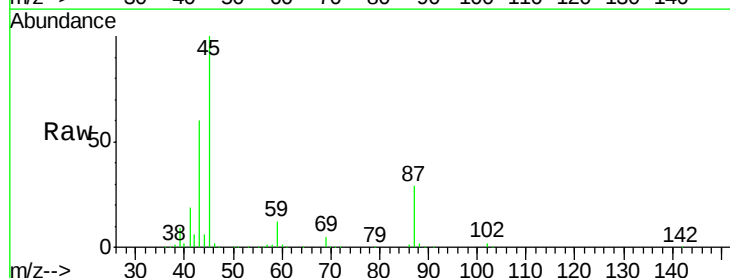
Ion Ratio Lower Upper

45 100

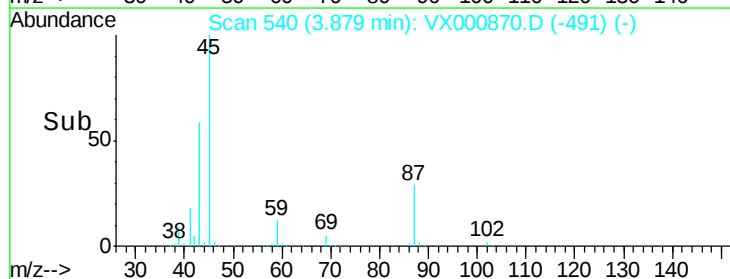
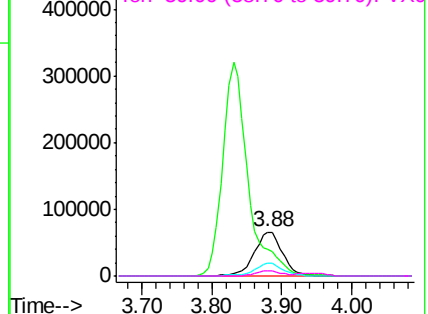
43 59.4 46.6 69.8

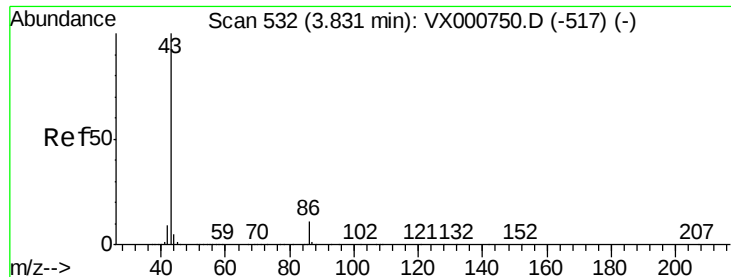
87 29.3 22.9 34.3

59 11.9 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: 108.99 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

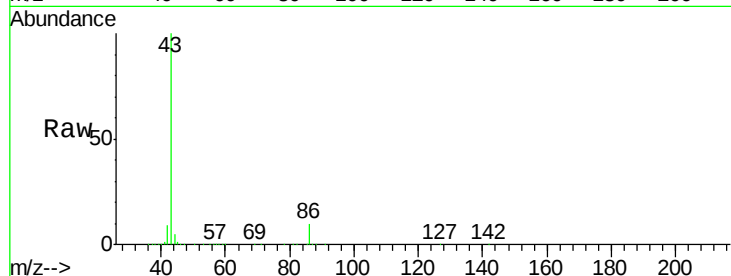
VX0414WBSD01

Tgt Ion: 43 Resp: 816031

Ion Ratio Lower Upper

43 100

86 10.2 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

300000

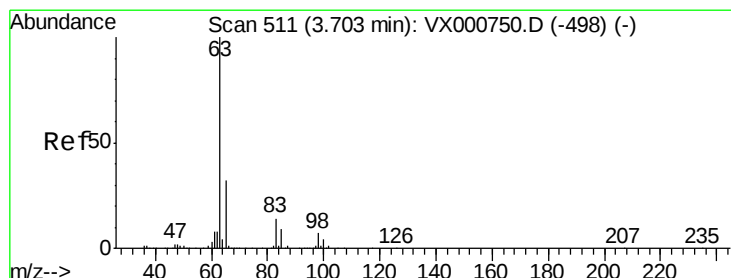
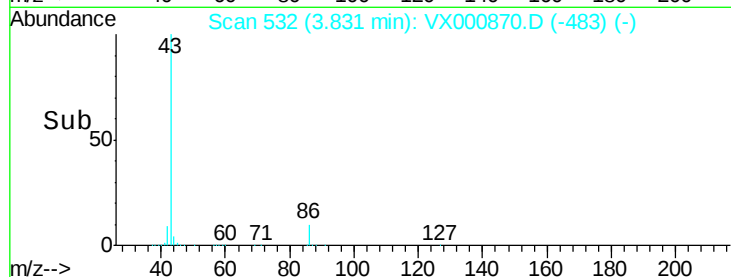
200000

100000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.37 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

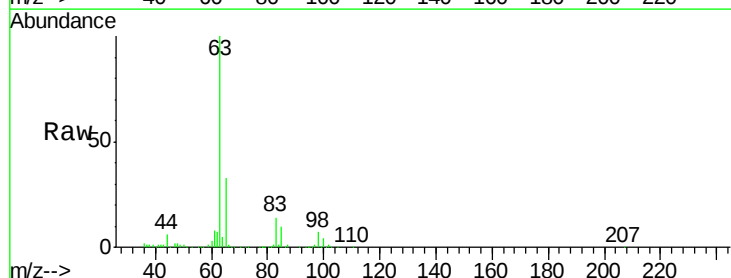
Tgt Ion: 63 Resp: 97478

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.2 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

50000

40000

30000

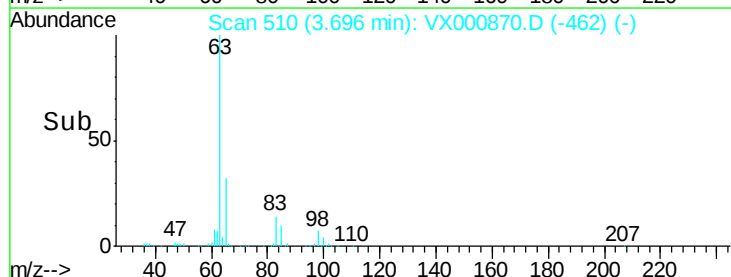
20000

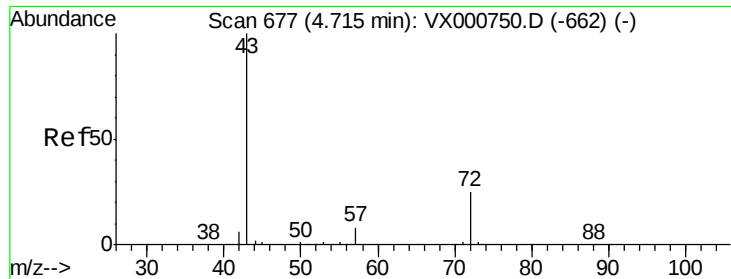
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 115.43 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

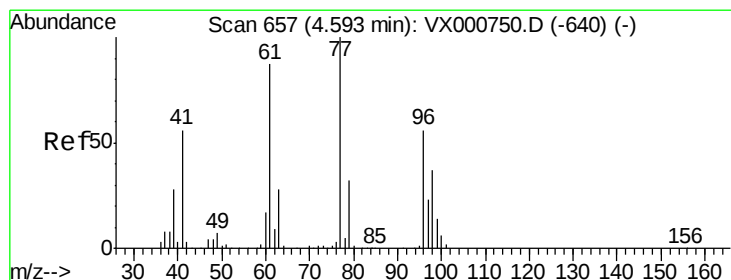
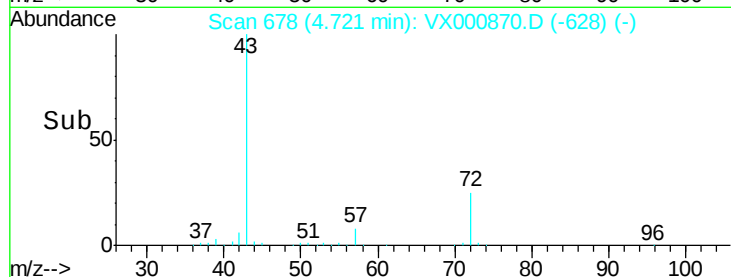
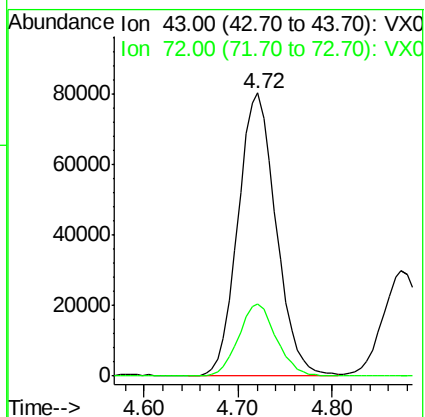
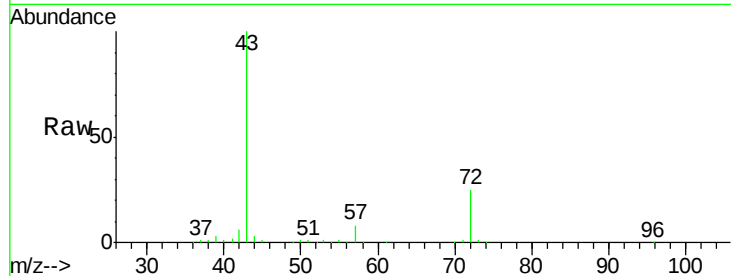
VX0414WBSD01

Tgt Ion: 43 Resp: 226617

Ion Ratio Lower Upper

43 100

72 25.4 20.3 30.5



#26

2,2-Dichloropropane

Concen: 18.25 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000870.D

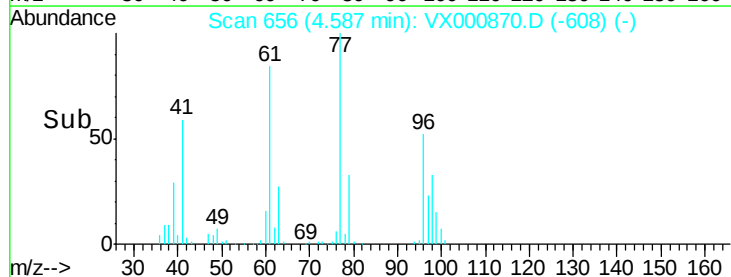
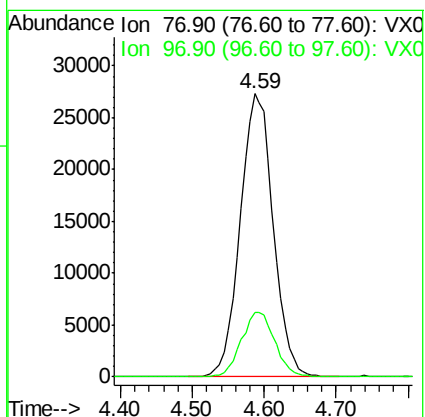
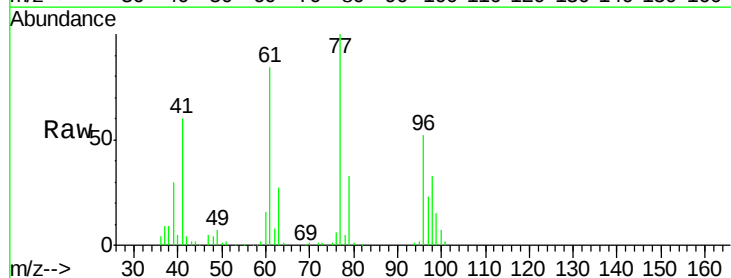
Acq: 14 Apr 2018 13:09

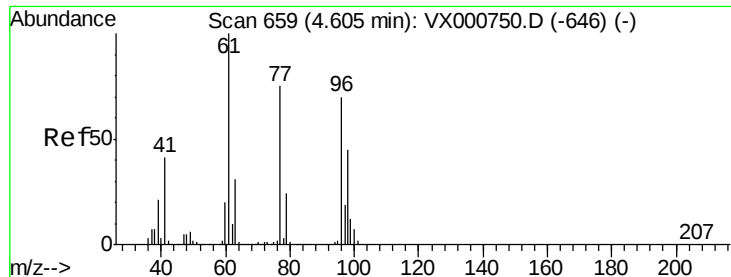
Tgt Ion: 77 Resp: 86673

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4



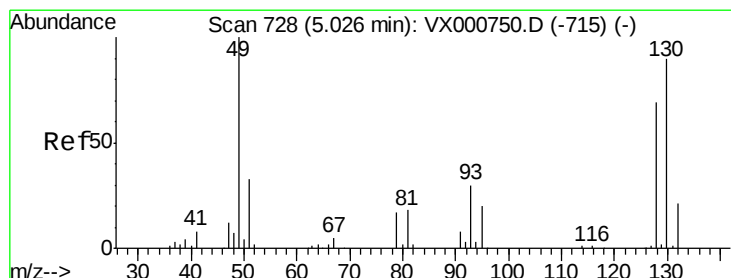
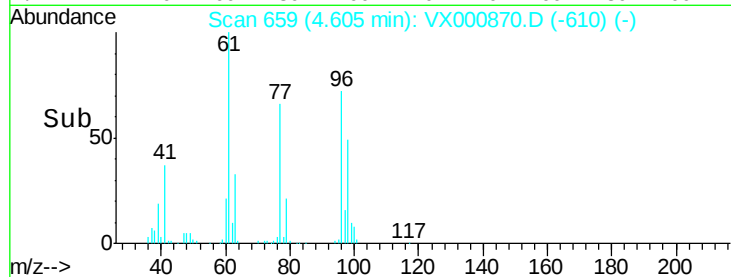
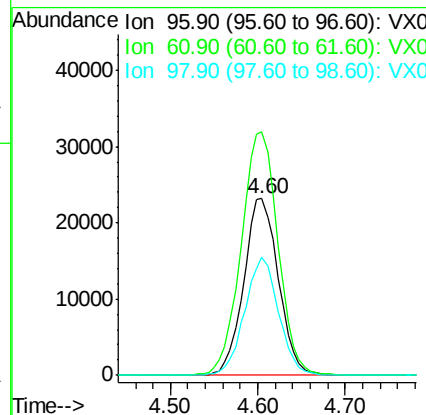
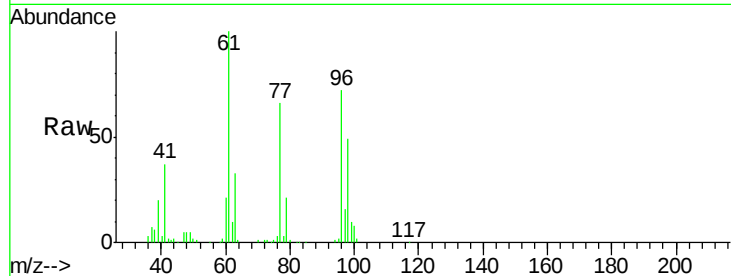


#27

cis-1,2-Dichloroethene
 Concen: 20.33 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

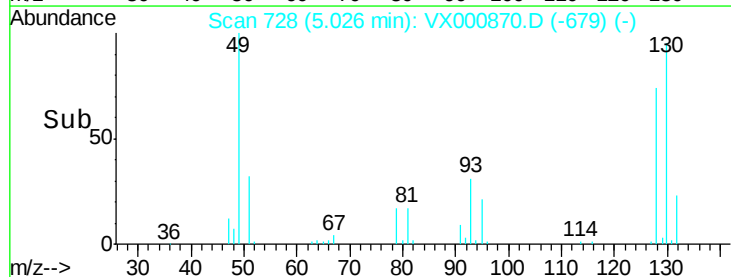
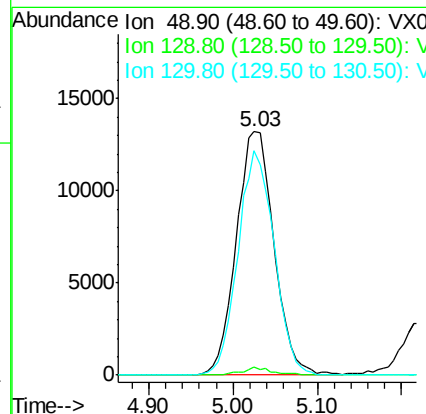
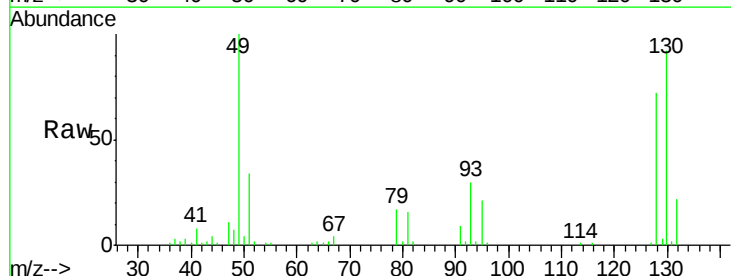
Tgt Ion: 96 Resp: 63850
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 292.4
 98 65.5 0.0 130.2

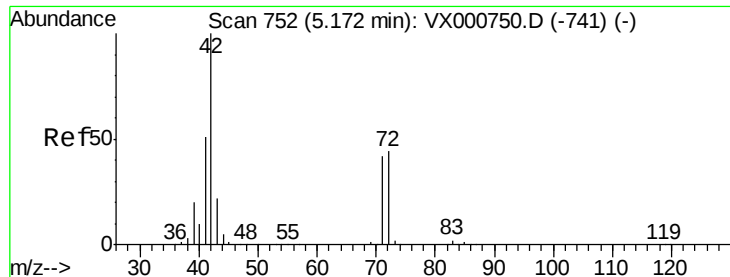


#28

Bromochloromethane
 Concen: 20.80 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

Tgt Ion: 49 Resp: 40076
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 88.1 72.6 109.0

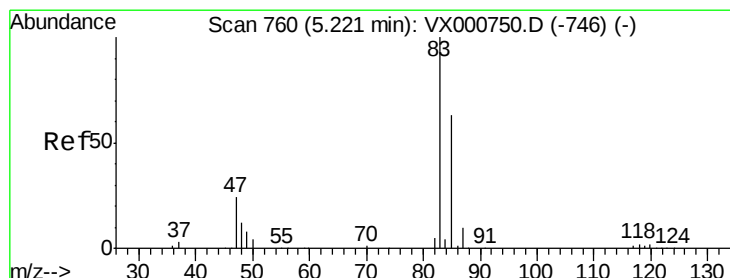
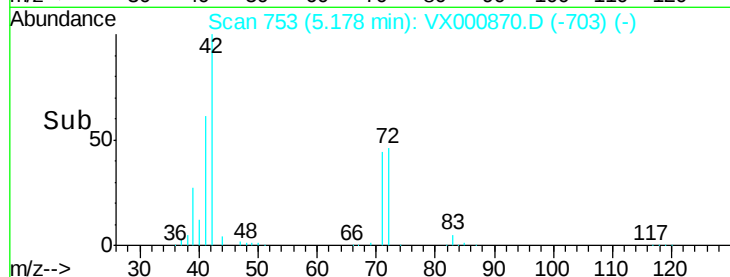
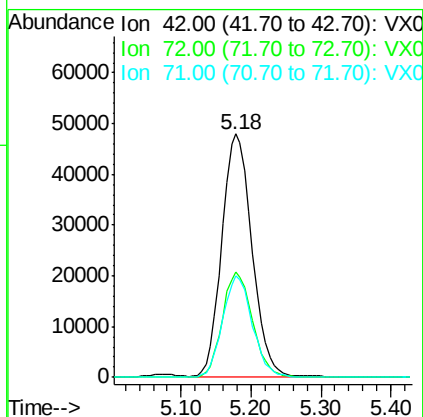
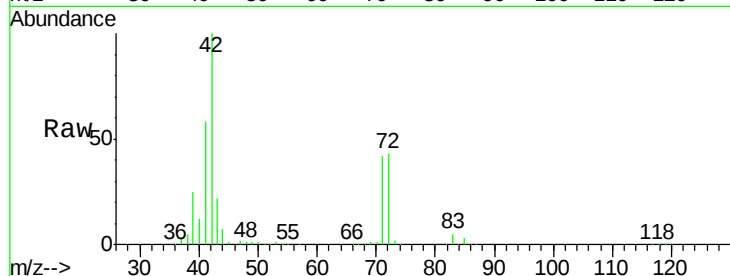




#29
Tetrahydrofuran
Concen: 114.89 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

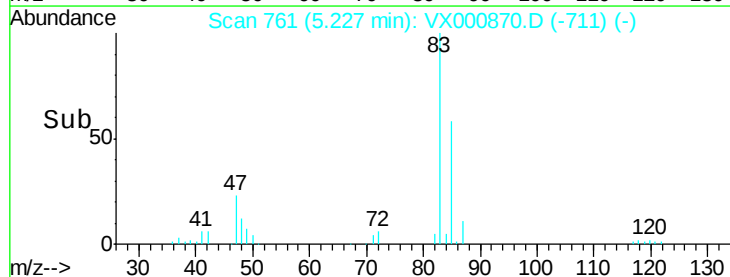
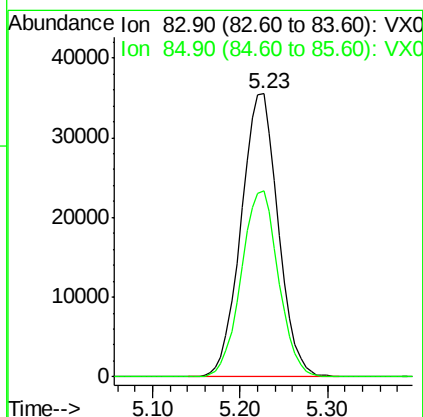
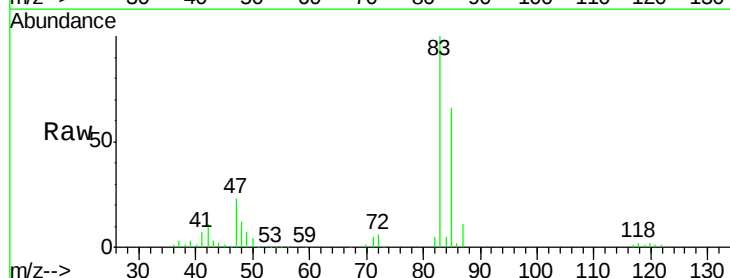
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

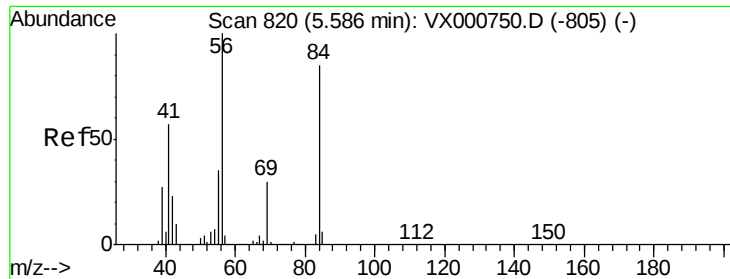
Tgt Ion: 42 Resp: 143217
Ion Ratio Lower Upper
42 100
72 43.2 35.1 52.7
71 41.2 32.8 49.2



#30
Chloroform
Concen: 20.66 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion: 83 Resp: 104663
Ion Ratio Lower Upper
83 100
85 65.6 50.7 76.1

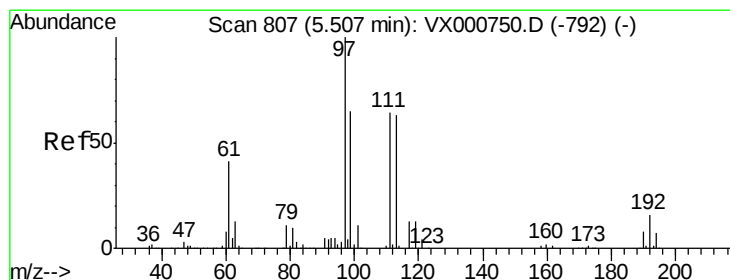
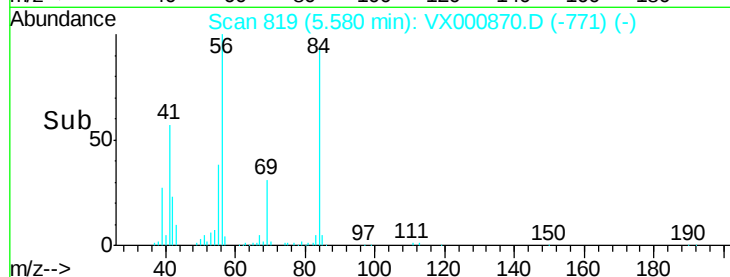
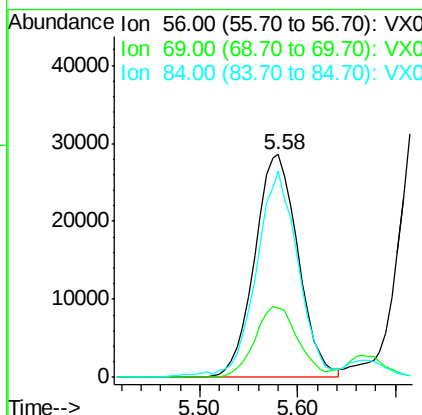
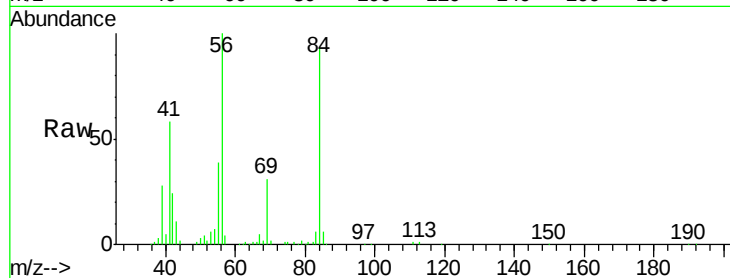




#31
Cyclohexane
Concen: 19.25 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

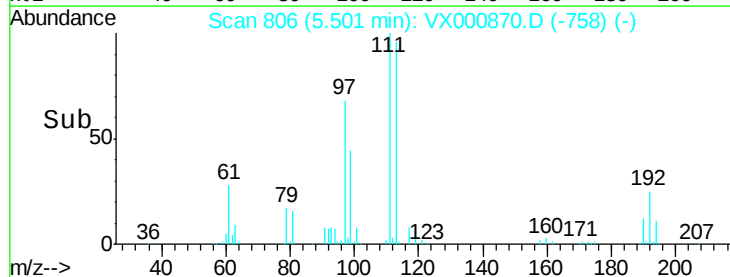
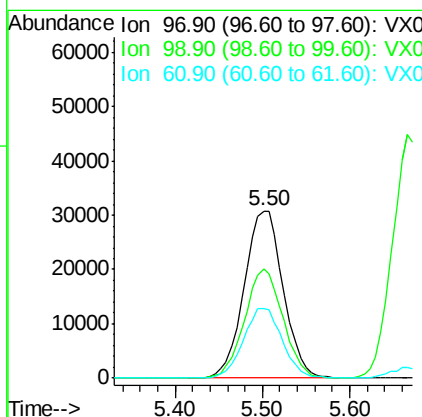
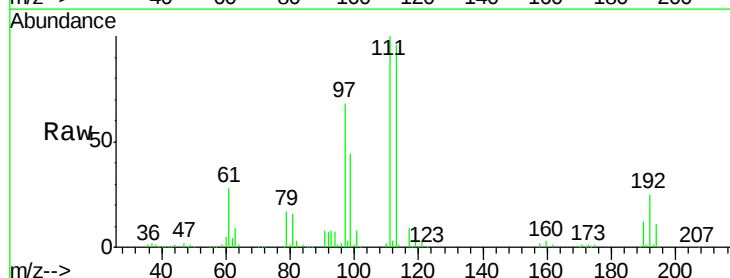
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

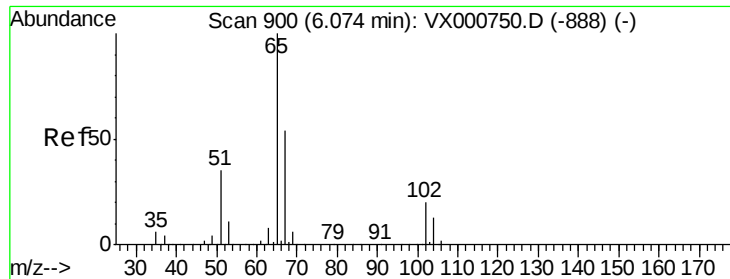
Tgt Ion: 56 Resp: 87489
Ion Ratio Lower Upper
56 100
69 31.3 24.2 36.4
84 91.3 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.74 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion: 97 Resp: 95251
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 41.6 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 49.51 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

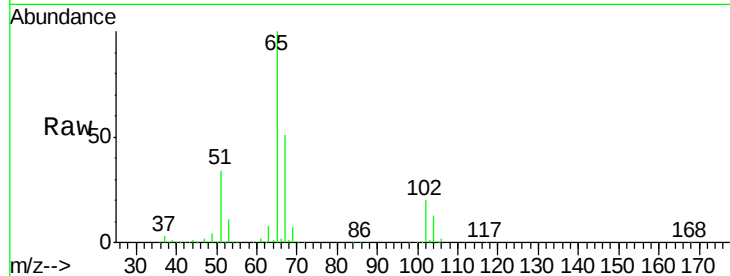
VX0414WBSD01

Tgt Ion: 65 Resp: 170677

Ion Ratio Lower Upper

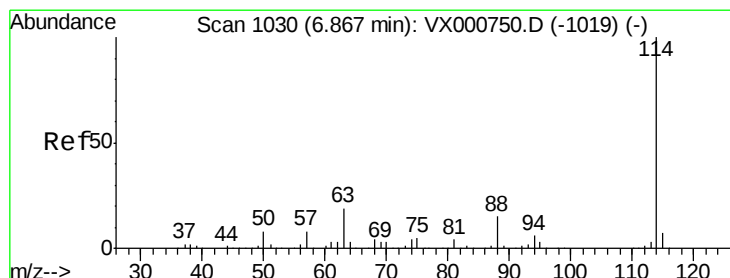
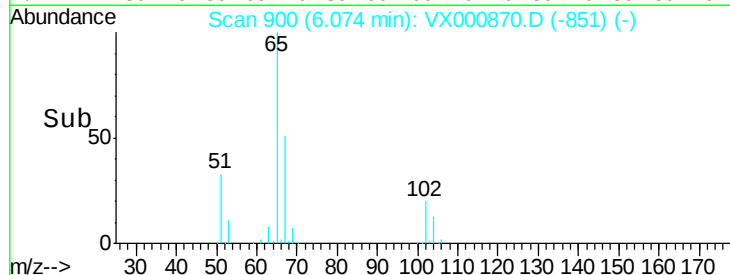
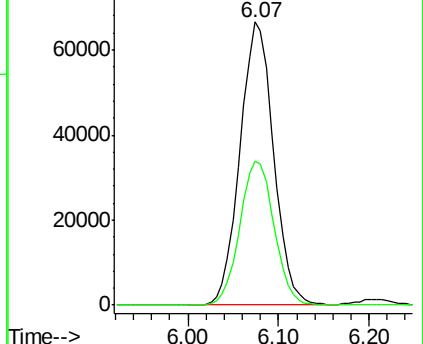
65 100

67 52.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

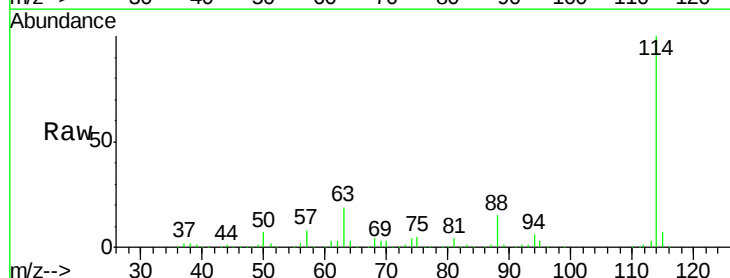
Tgt Ion: 114 Resp: 362933

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

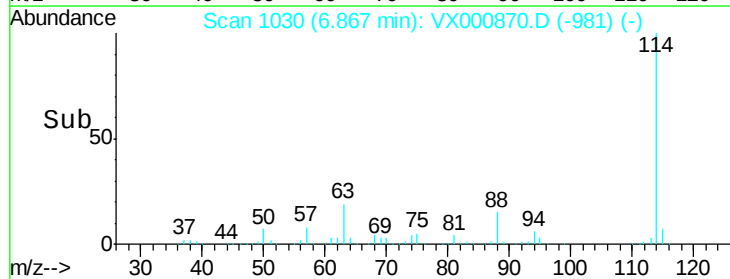
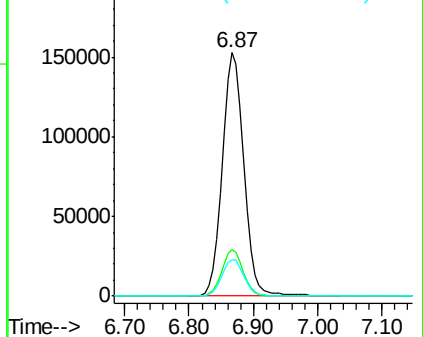
88 14.9 0.0 31.0

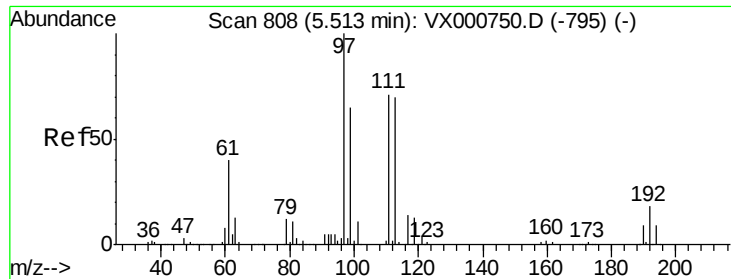


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

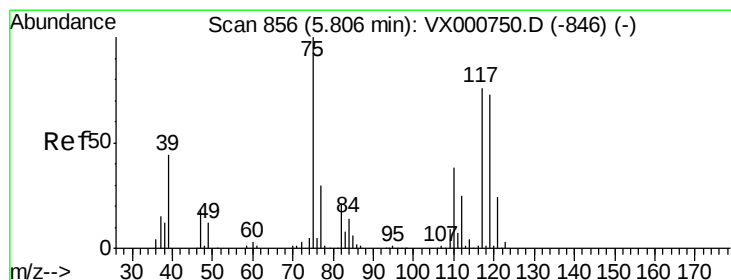
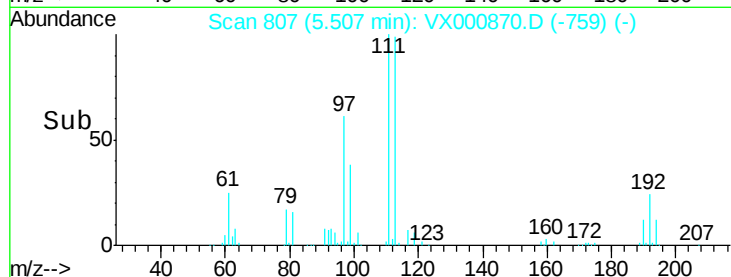
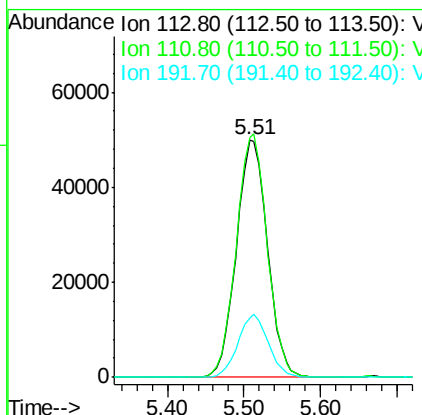
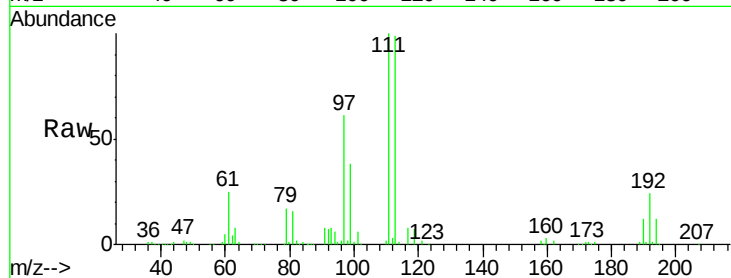




#35
 Dibromofluoromethane
 Concen: 50.46 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

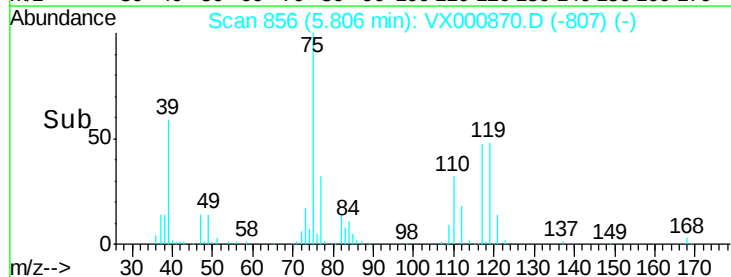
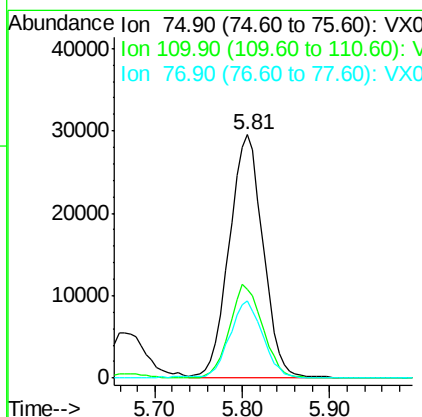
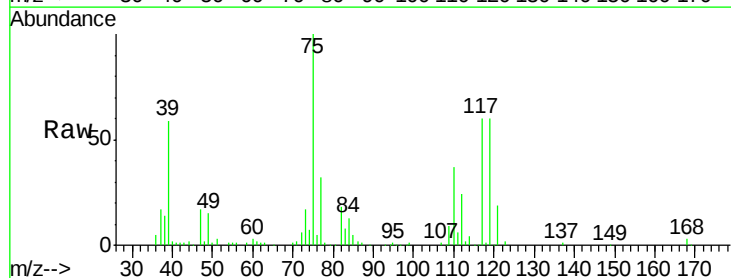
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

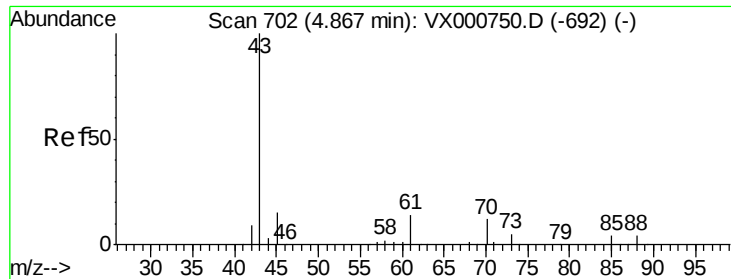
Tgt Ion:113 Resp: 141099
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 25.8 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 19.75 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

Tgt Ion: 75 Resp: 78953
 Ion Ratio Lower Upper
 75 100
 110 37.8 19.2 57.6
 77 31.2 25.4 38.2

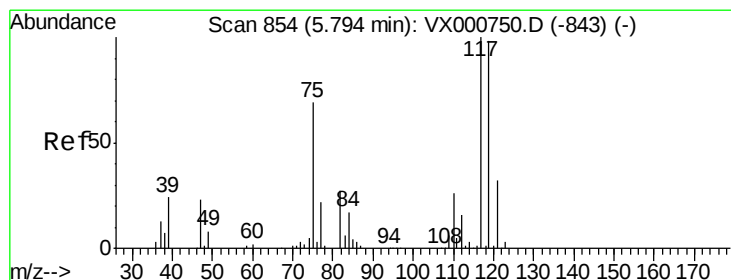
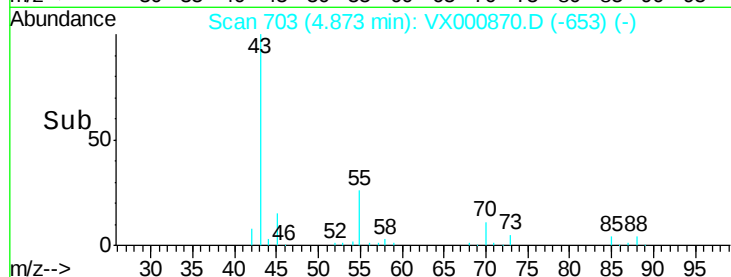
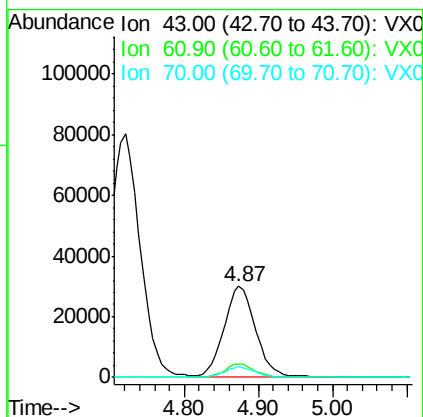
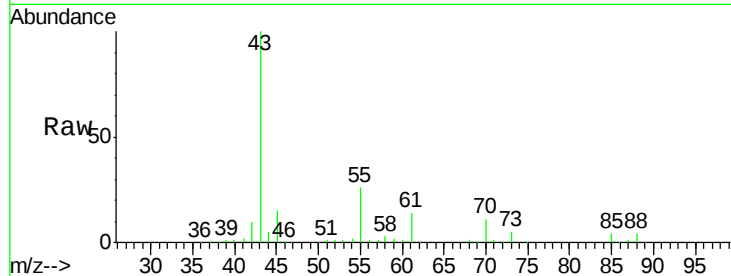




#37
Ethyl Acetate
Concen: 22.70 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

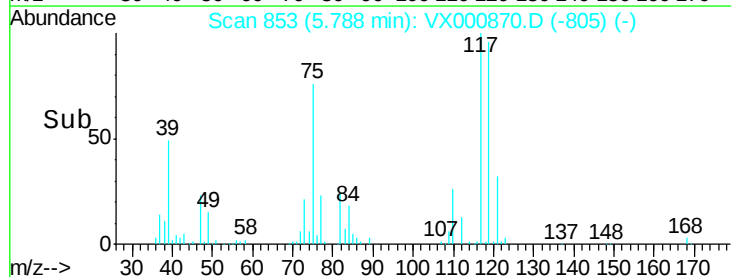
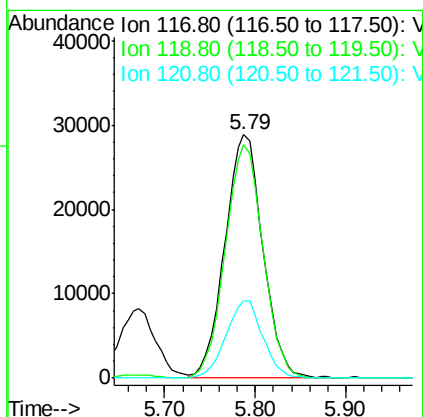
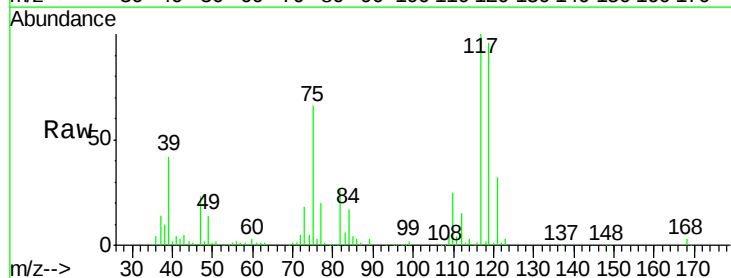
Instrument :
MSVOA_X
ClientSampled :
VX0414WBSD01

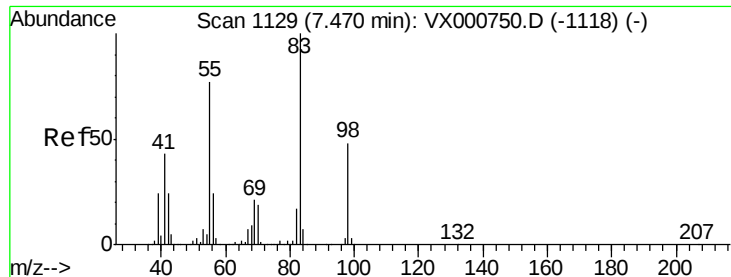
Tgt Ion: 43 Resp: 88576
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 11.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.74 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion: 117 Resp: 83847
Ion Ratio Lower Upper
117 100
119 96.3 78.4 117.6
121 31.7 25.4 38.0

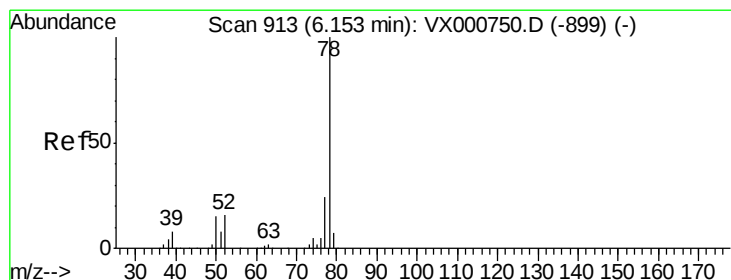
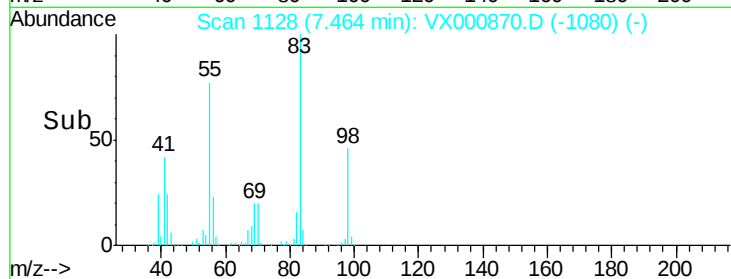
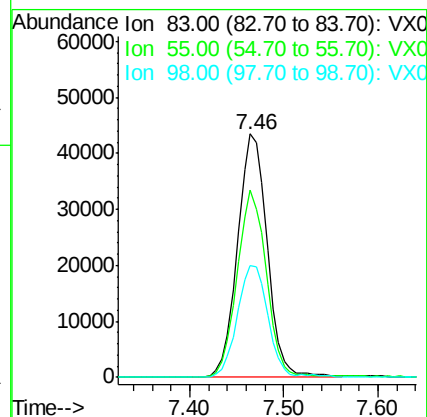
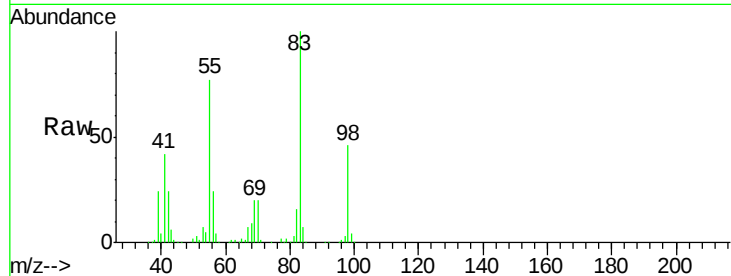




#39
Methylcyclohexane
Concen: 19.91 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

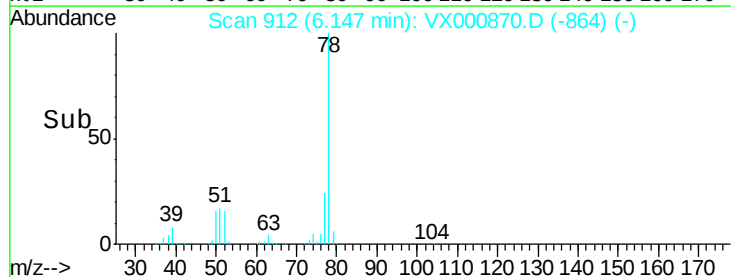
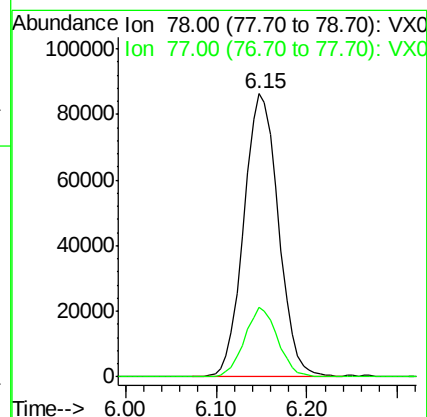
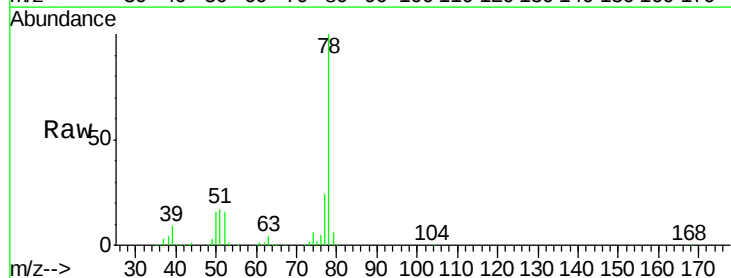
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

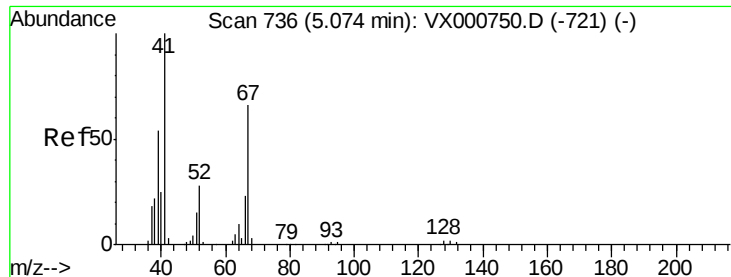
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.5	92.3
98	46.1	38.1	57.1



#40
Benzene
Concen: 20.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





#41

Methacrylonitrile

Concen: 22.72 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

Tgt Ion: 41 Resp: 51224

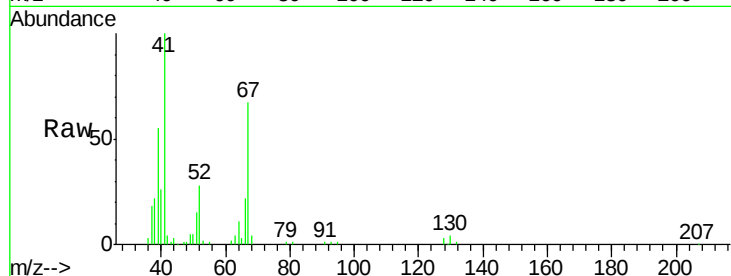
Ion Ratio Lower Upper

41 100

39 55.2 44.9 67.3

67 67.6 54.7 82.1

52 28.1 23.0 34.6

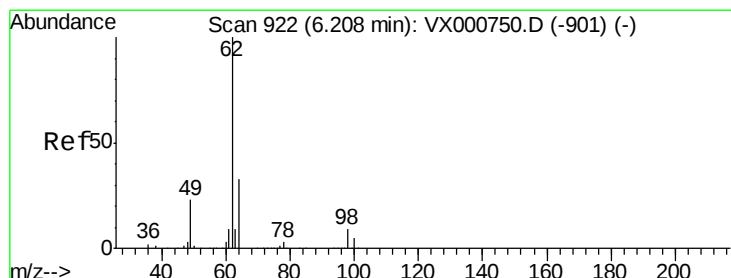
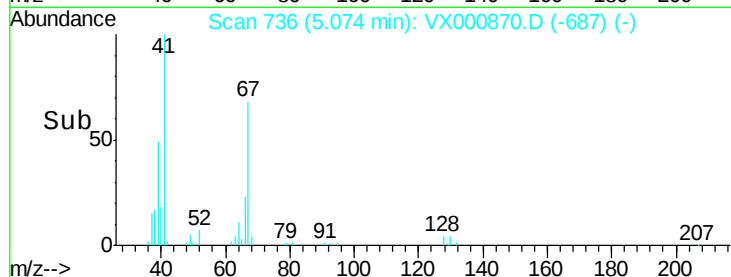
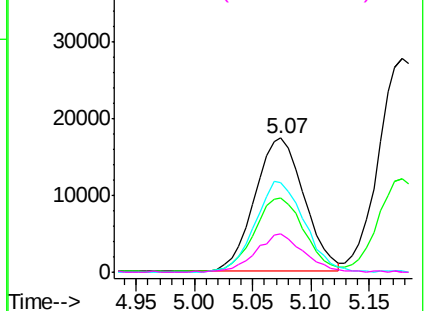


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.26 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000870.D

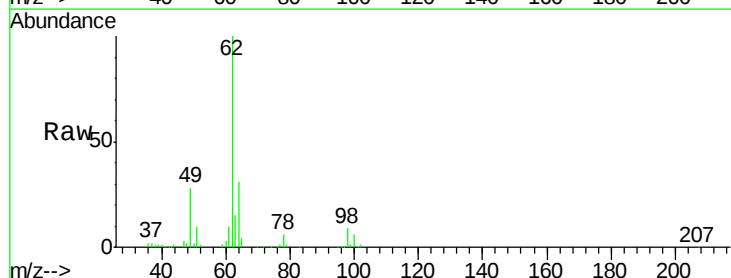
Acq: 14 Apr 2018 13:09

Tgt Ion: 62 Resp: 88202

Ion Ratio Lower Upper

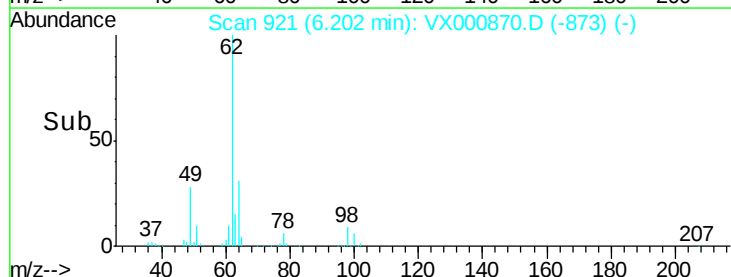
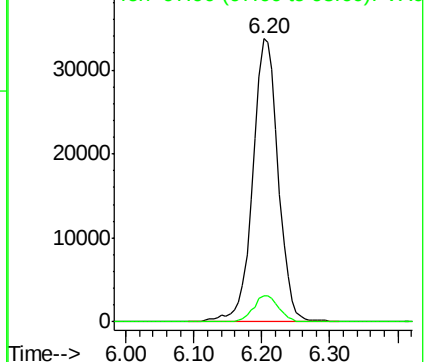
62 100

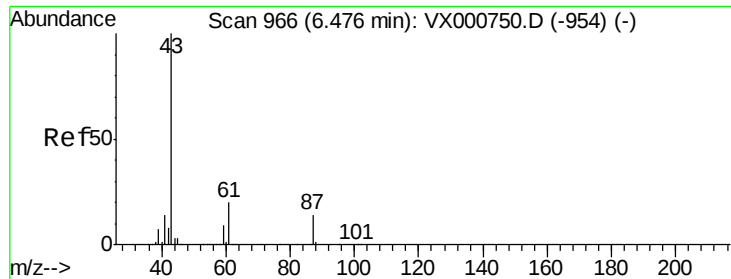
98 9.2 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.68 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

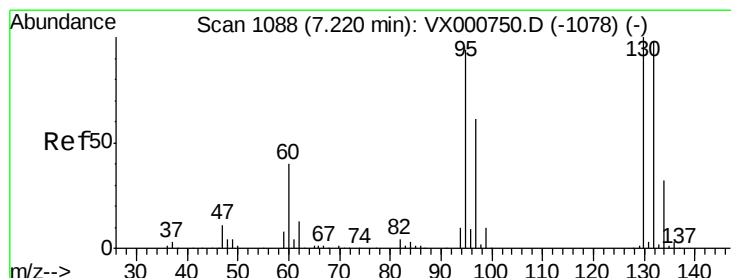
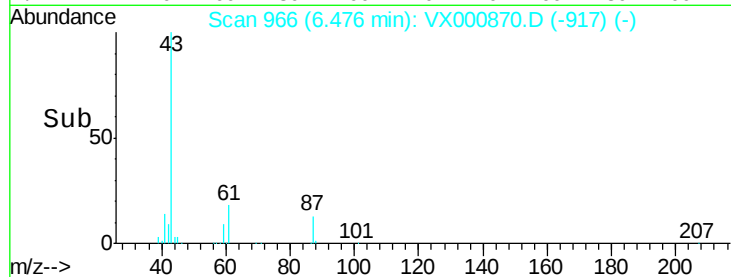
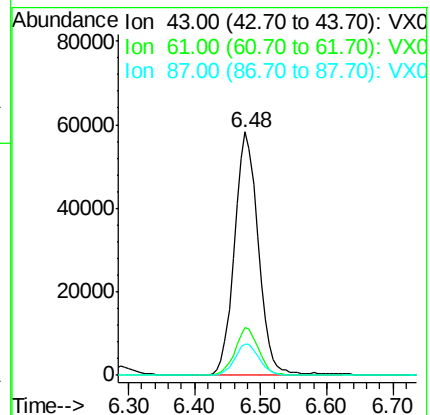
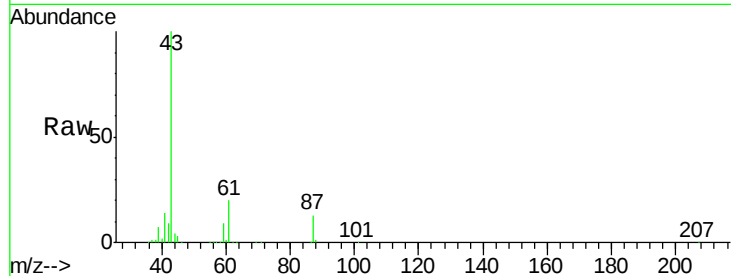
Tgt Ion: 43 Resp: 145048

Ion Ratio Lower Upper

43 100

61 19.4 15.6 23.4

87 13.2 10.7 16.1



#44

Trichloroethene

Concen: 20.11 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000870.D

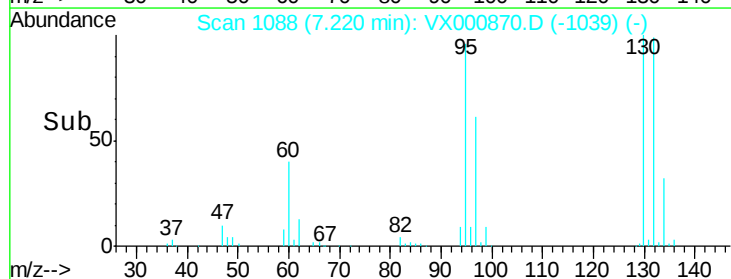
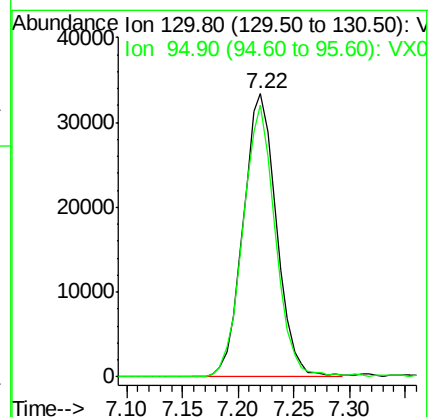
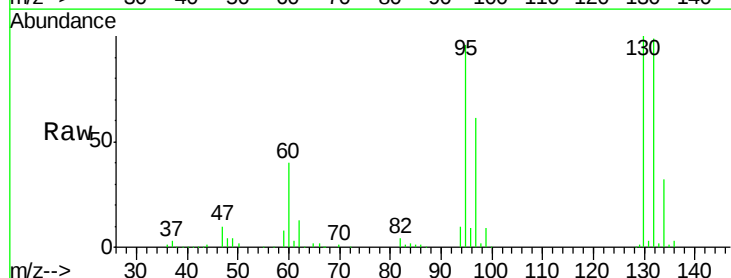
Acq: 14 Apr 2018 13:09

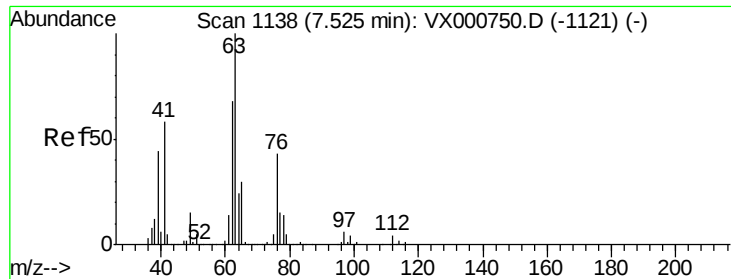
Tgt Ion: 130 Resp: 69466

Ion Ratio Lower Upper

130 100

95 95.8 0.0 187.0

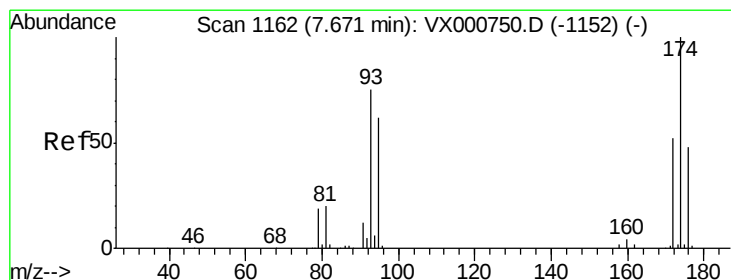
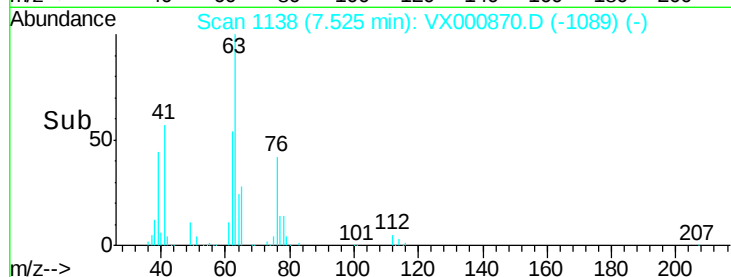
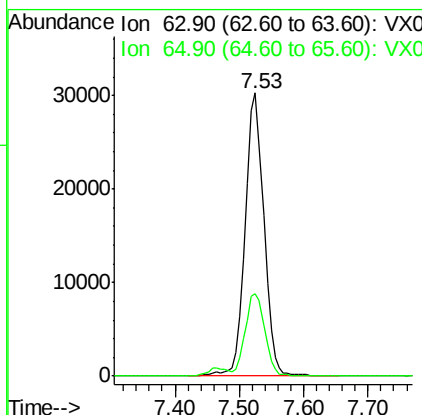
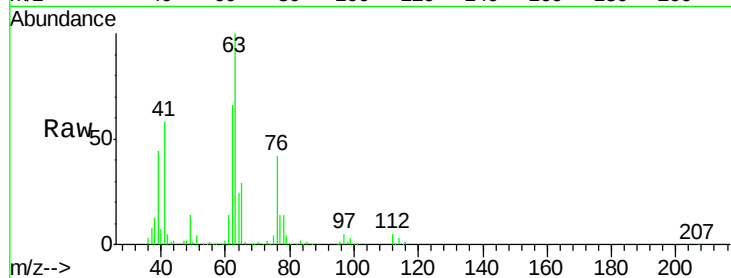




#45
 1,2-Dichloropropane
 Concen: 21.40 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

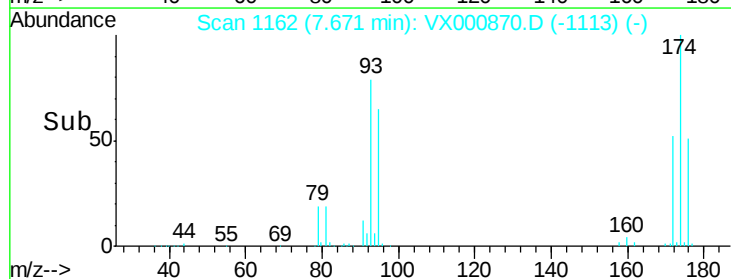
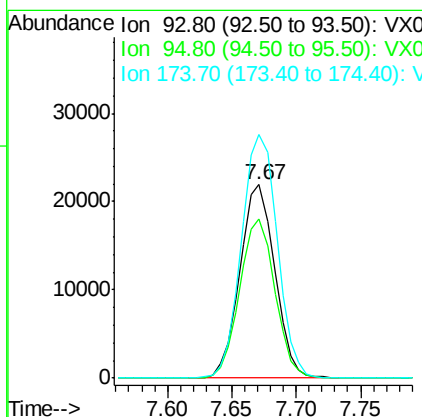
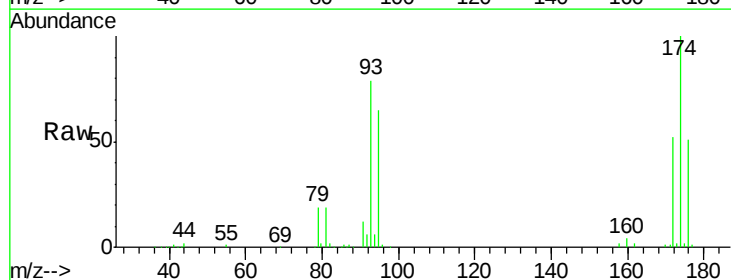
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

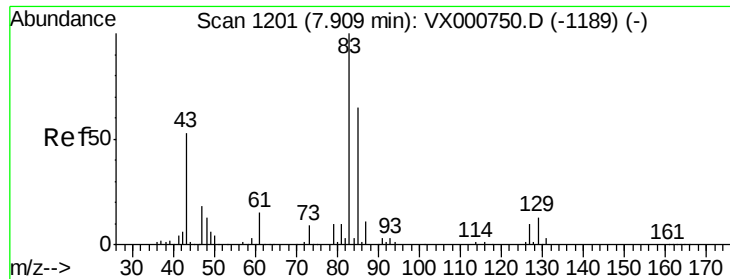
Tgt Ion: 63 Resp: 60527
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.7 35.5



#46
 Dibromomethane
 Concen: 20.93 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

Tgt Ion: 93 Resp: 41266
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.6 100.0
 174 129.5 104.5 156.7





#47

Bromodichloromethane

Concen: 19.79 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

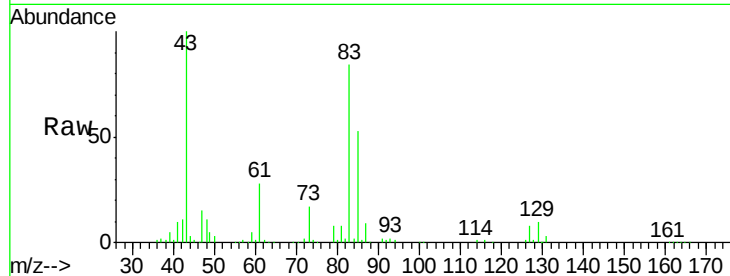
Tgt Ion: 83 Resp: 78750

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.4

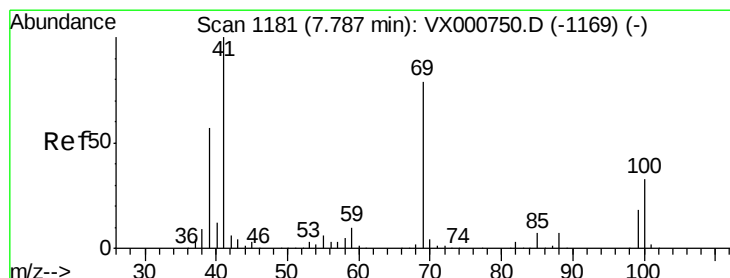
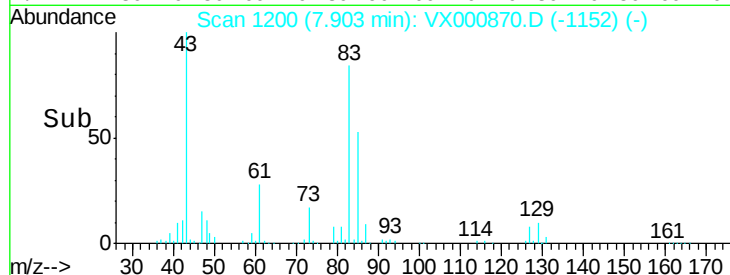
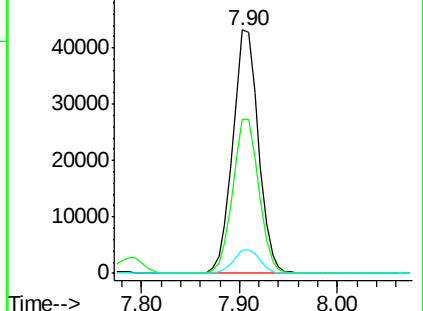
127 9.6 7.8 11.8



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: 21.61 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

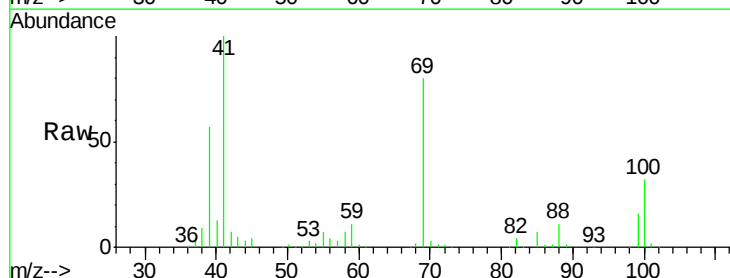
Tgt Ion: 41 Resp: 74948

Ion Ratio Lower Upper

41 100

69 80.8 63.9 95.9

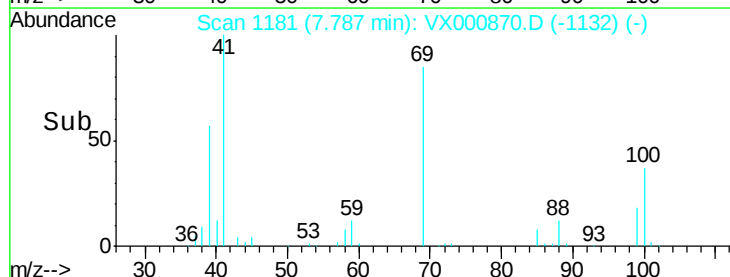
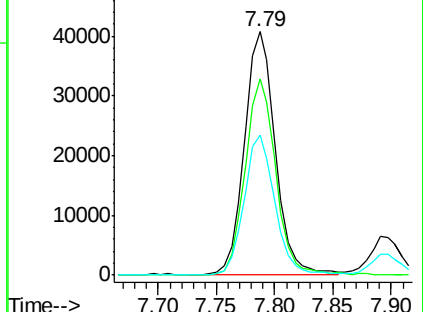
39 56.9 45.9 68.9

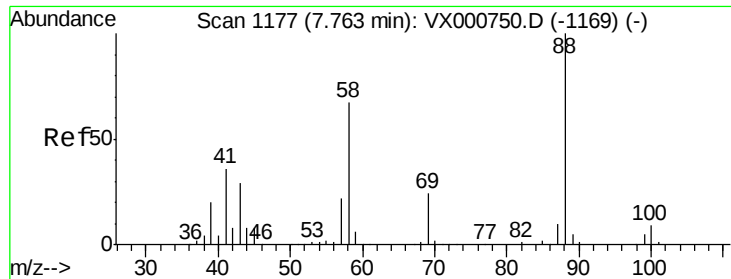


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

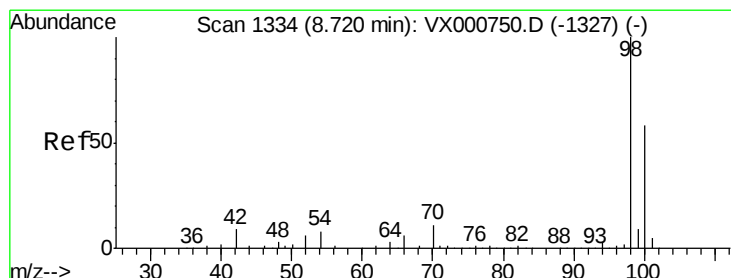
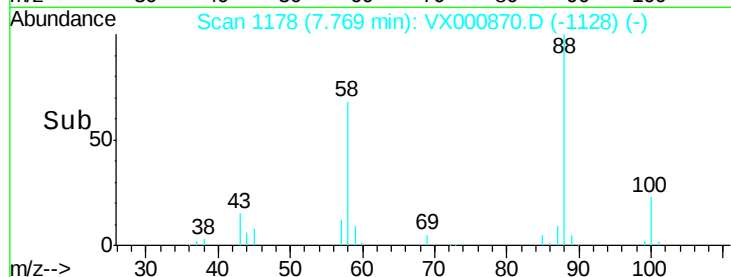
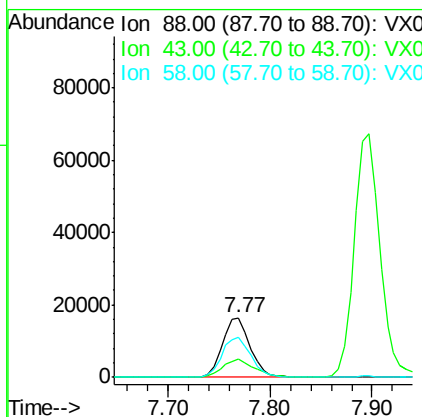
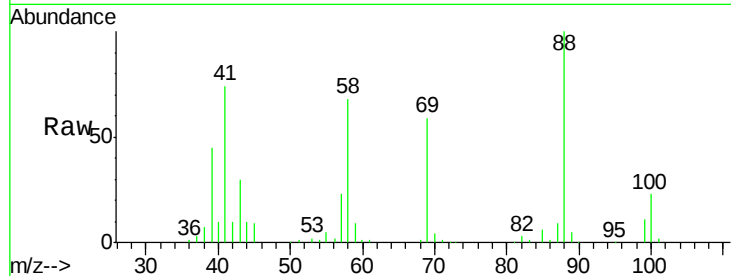




#49
1,4-Dioxane
Concen: 446.84 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

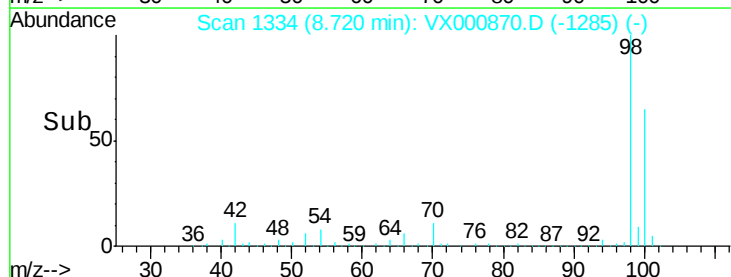
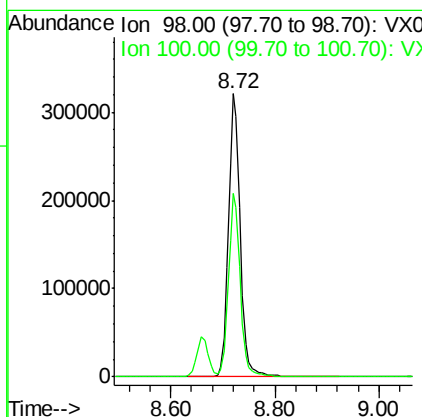
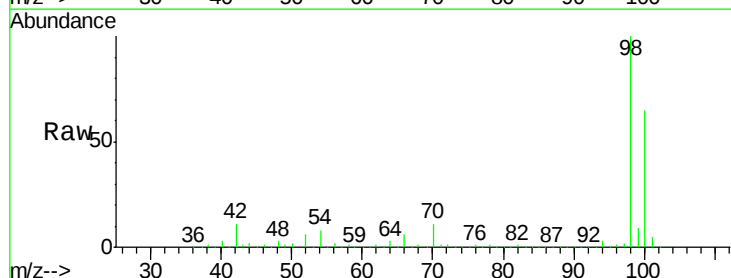
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

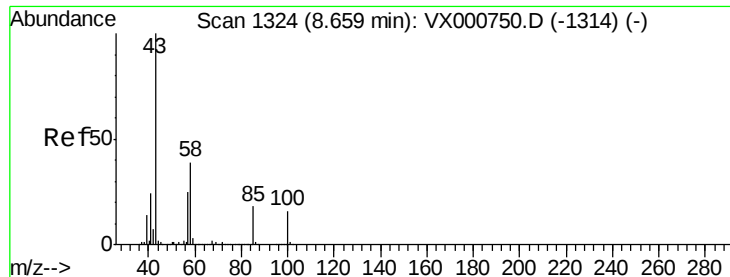
Tgt Ion: 88 Resp: 31139
Ion Ratio Lower Upper
88 100
43 33.1 25.8 38.8
58 70.4 54.4 81.6



#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion: 98 Resp: 519478
Ion Ratio Lower Upper
98 100
100 64.5 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 115.93 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

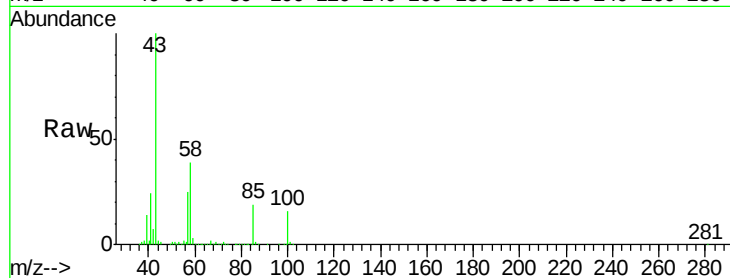
VX0414WBSD01

Tgt Ion: 43 Resp: 455568

Ion Ratio Lower Upper

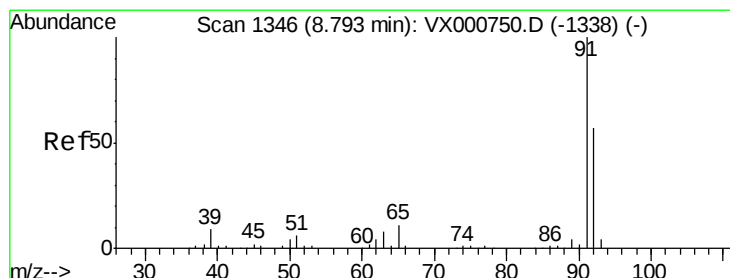
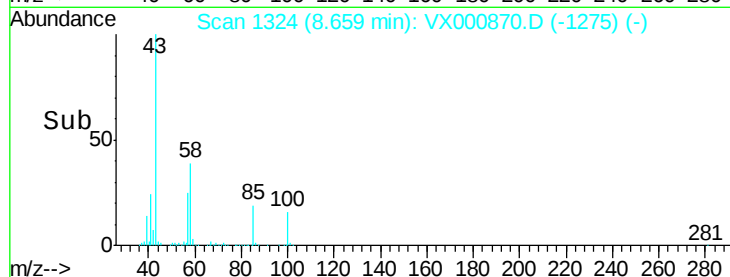
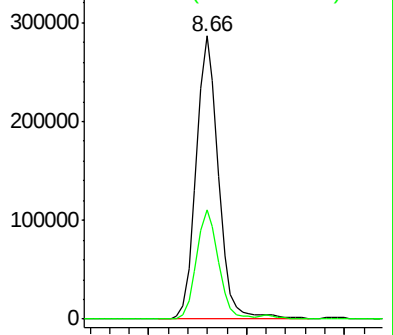
43 100

58 38.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.32 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000870.D

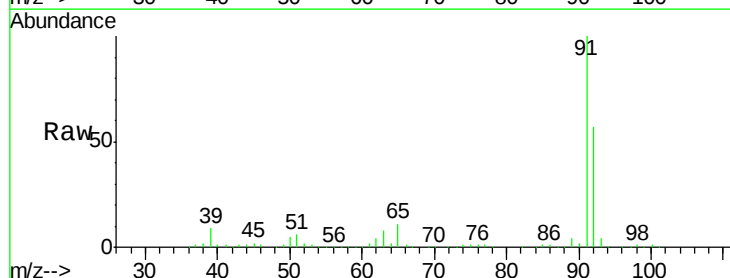
Acq: 14 Apr 2018 13:09

Tgt Ion: 92 Resp: 149688

Ion Ratio Lower Upper

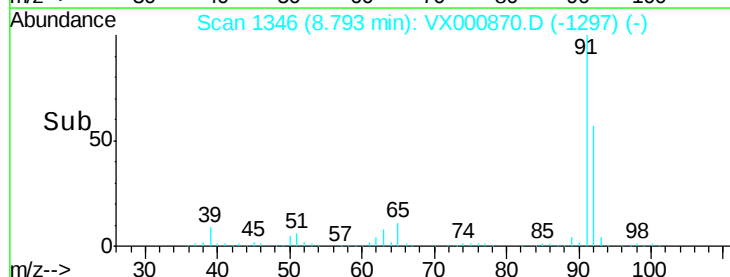
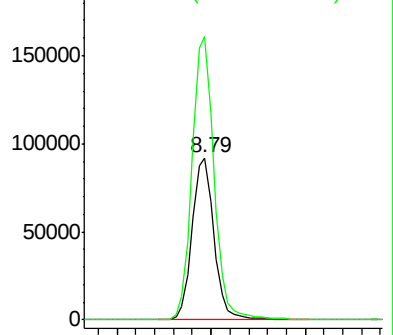
92 100

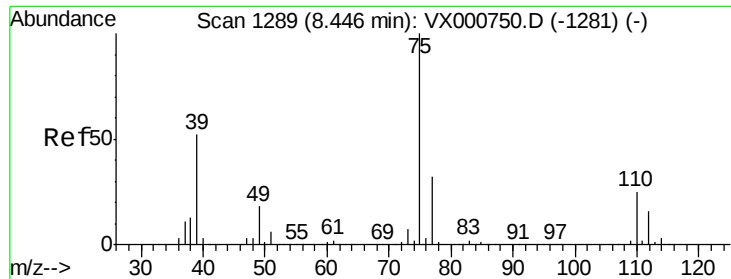
91 175.4 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

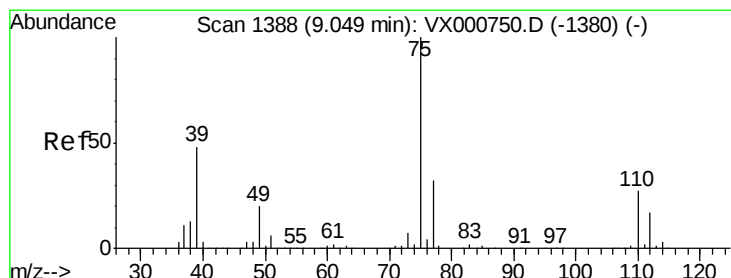
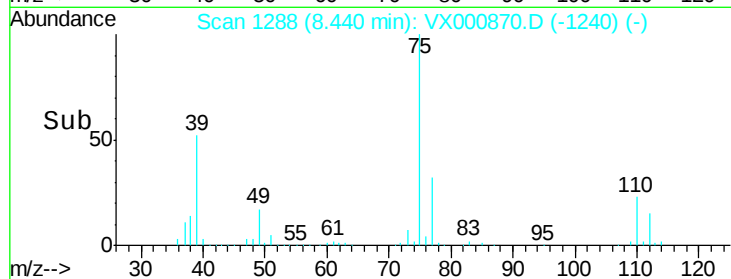
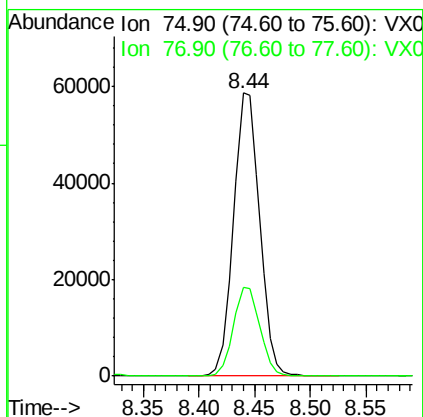
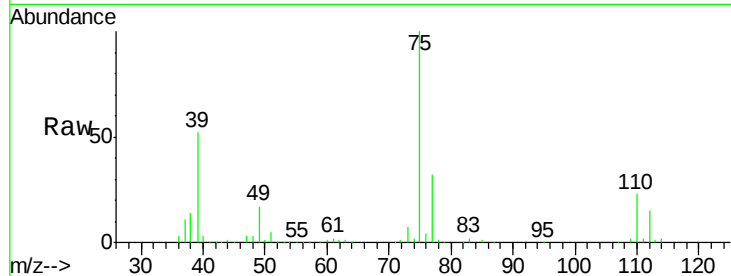




#53
t-1,3-Dichloropropene
Concen: 20.01 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

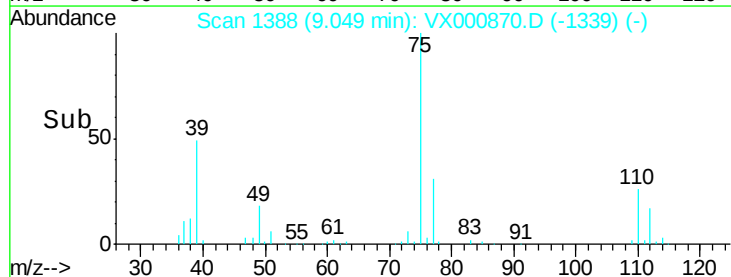
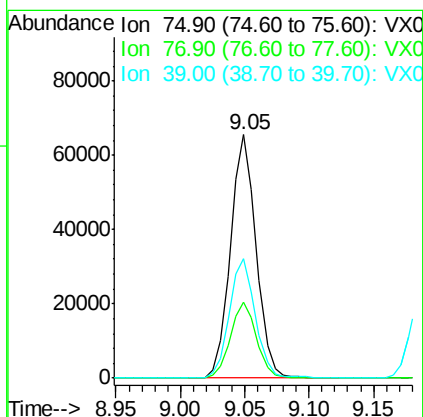
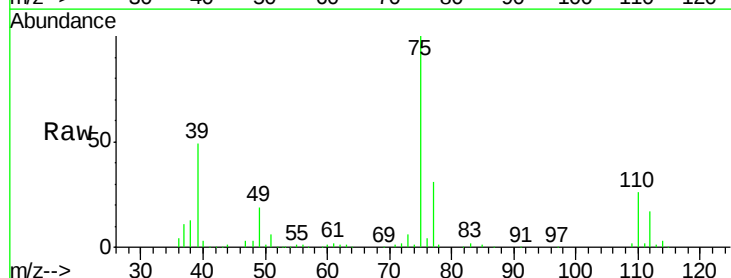
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

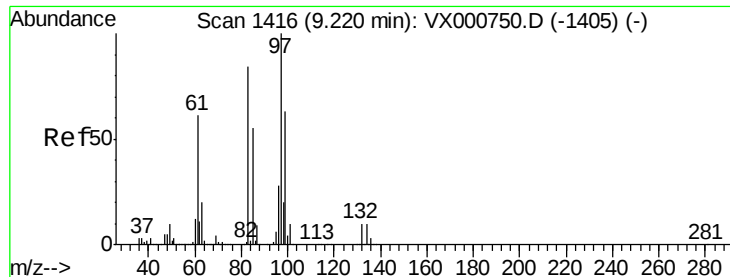
Tgt Ion: 75 Resp: 95492
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.59 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion: 75 Resp: 91058
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2
39 48.9 38.6 58.0

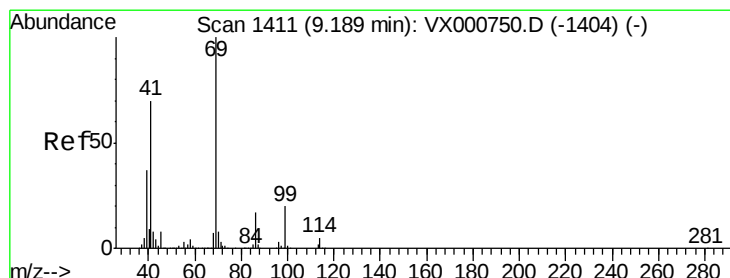
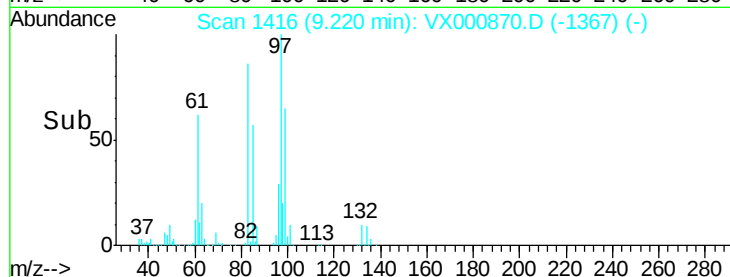
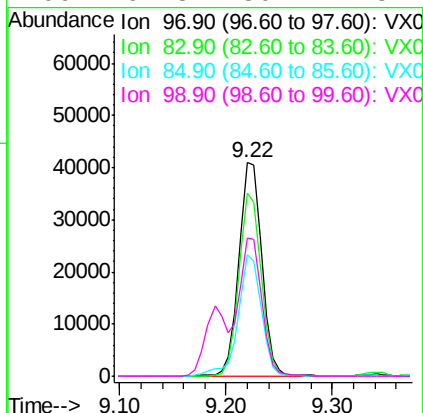
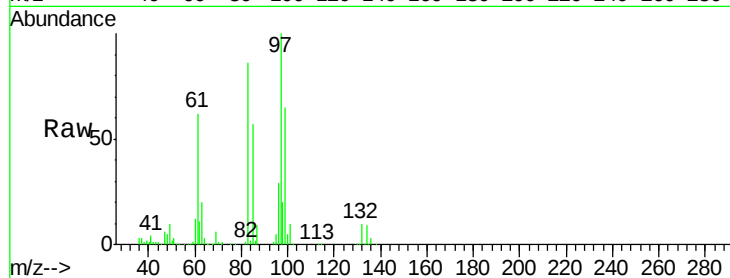




#55
 1,1,2-Trichloroethane
 Concen: 21.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

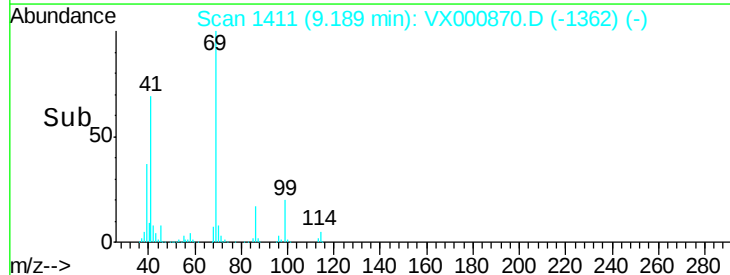
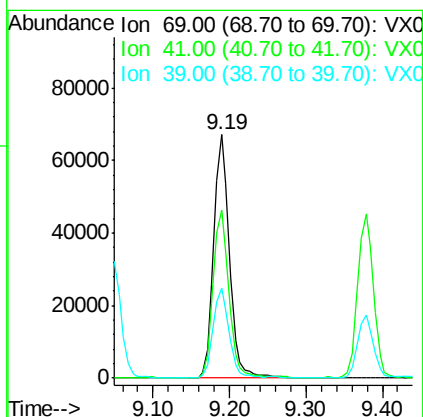
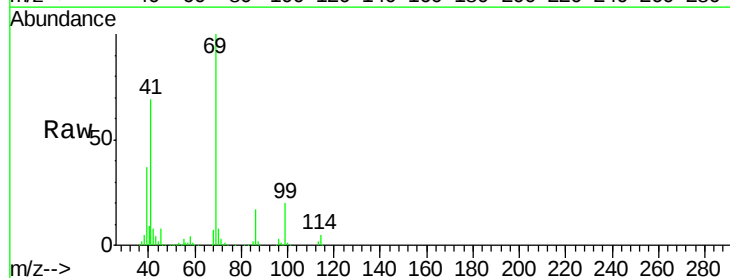
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

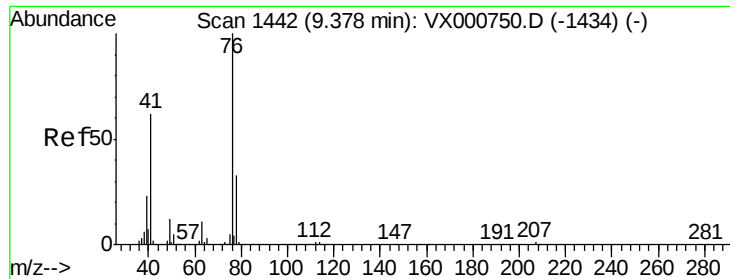
Tgt Ion:	97	Resp:	62461
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.6	101.4
85	56.8	43.8	65.6
99	64.8	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 21.44 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

Tgt Ion:	69	Resp:	96745
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.6	83.4
39	36.9	30.3	45.5





#57

1,3-Dichloropropane

Concen: 21.84 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

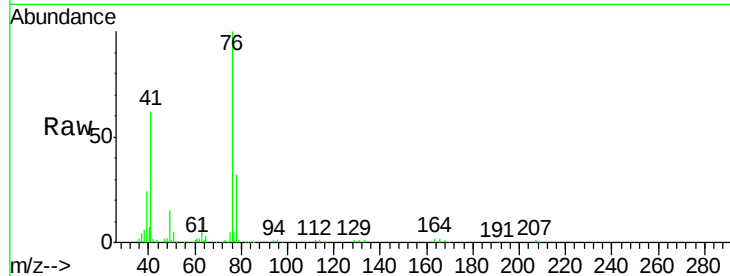
VX0414WBSD01

Tgt Ion: 76 Resp: 101544

Ion Ratio Lower Upper

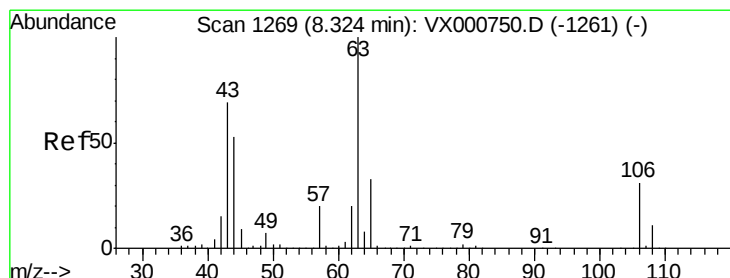
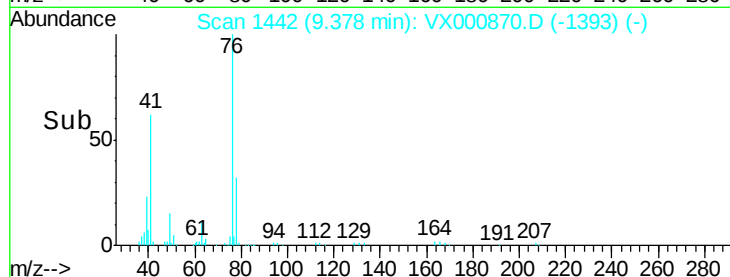
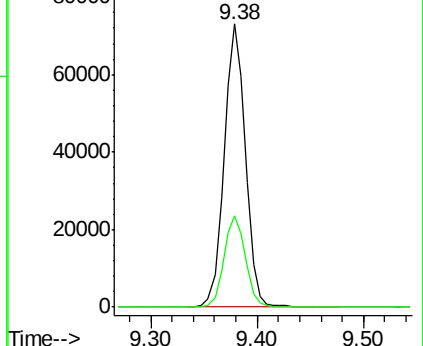
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 117.36 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000870.D

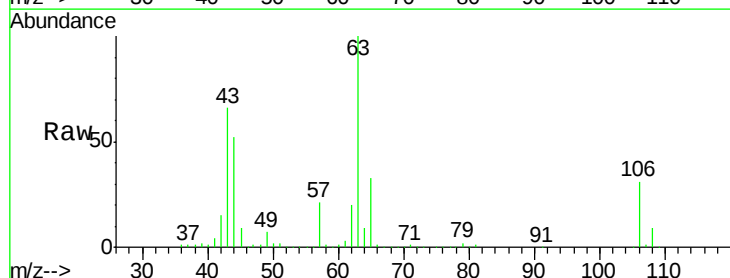
Acq: 14 Apr 2018 13:09

Tgt Ion: 63 Resp: 247414

Ion Ratio Lower Upper

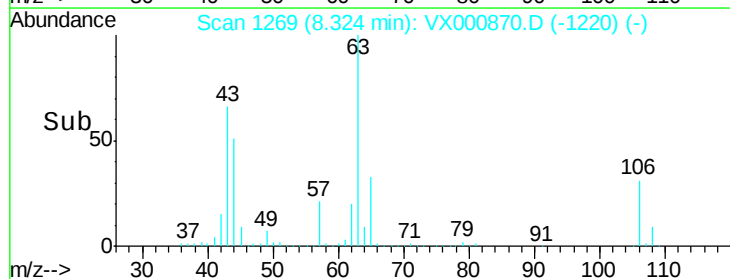
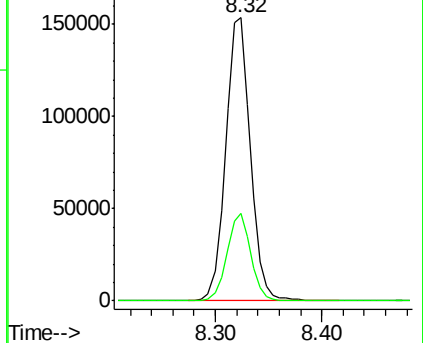
63 100

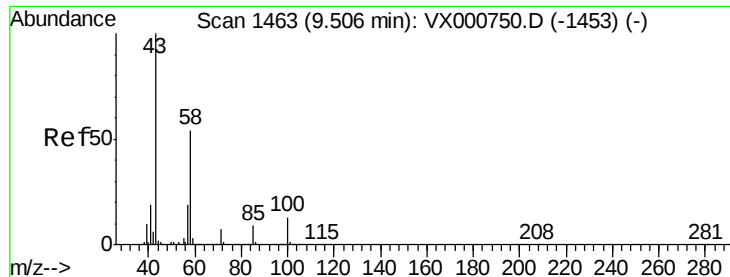
106 30.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

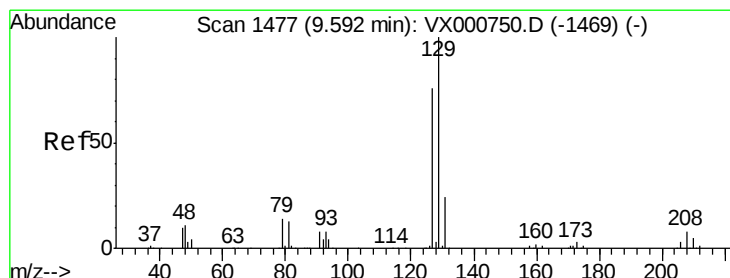
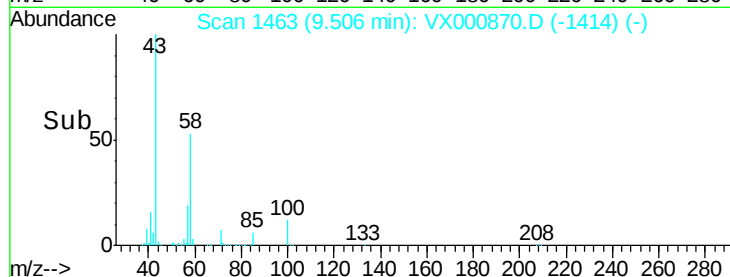
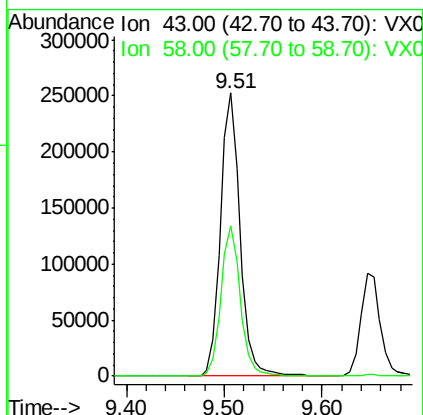
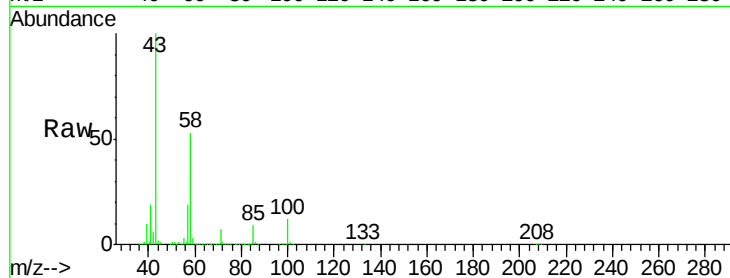




#59
2-Hexanone
Concen: 115.48 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

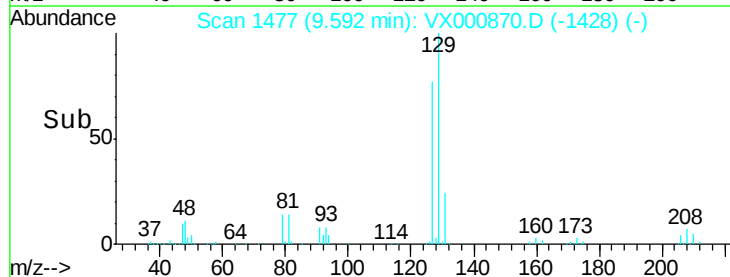
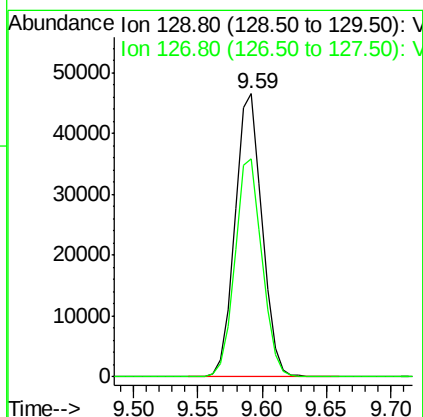
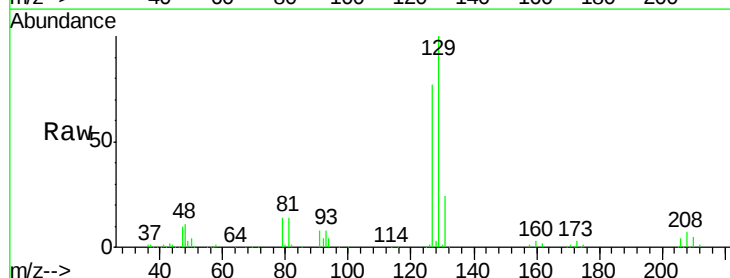
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

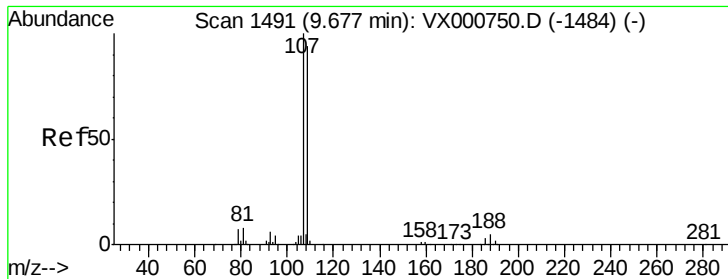
Tgt Ion: 43 Resp: 350324
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.5



#60
Dibromochloromethane
Concen: 19.38 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion: 129 Resp: 67832
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.44 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

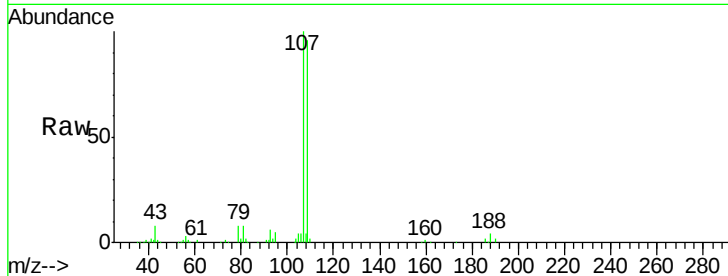
VX0414WBSD01

Tgt Ion: 107 Resp: 66524

Ion Ratio Lower Upper

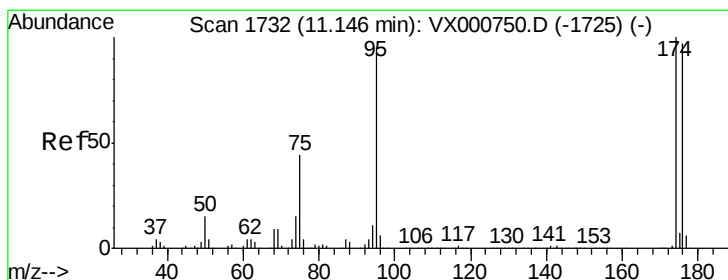
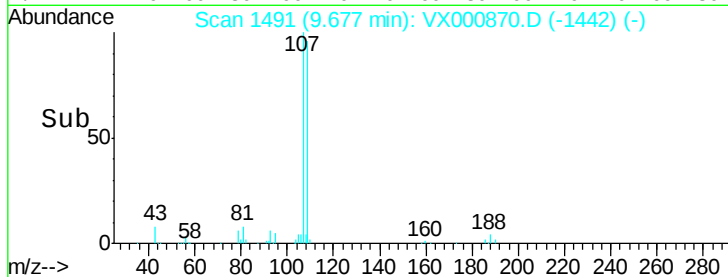
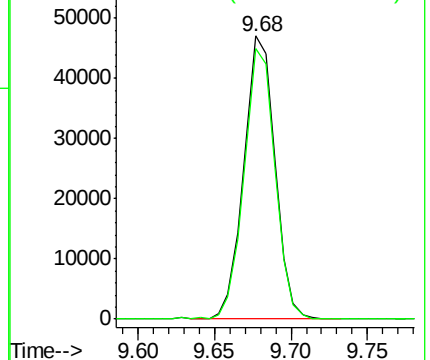
107 100

109 95.3 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: 49.51 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

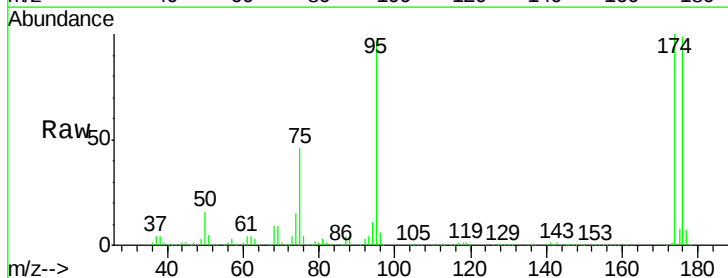
Tgt Ion: 95 Resp: 213245

Ion Ratio Lower Upper

95 100

174 98.3 0.0 198.4

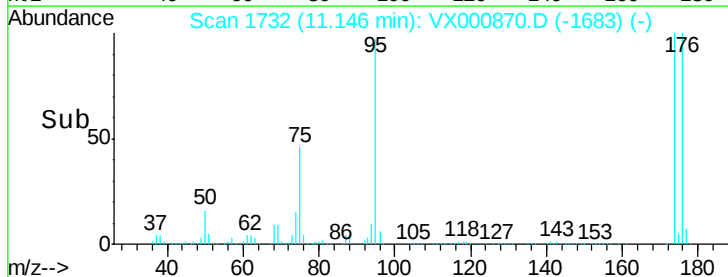
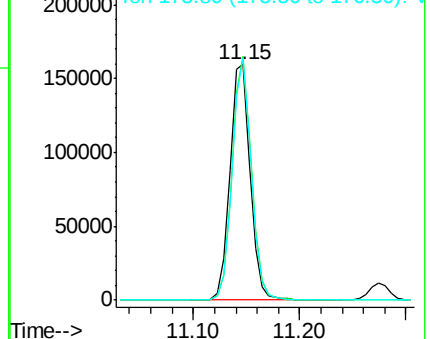
176 96.5 0.0 194.4

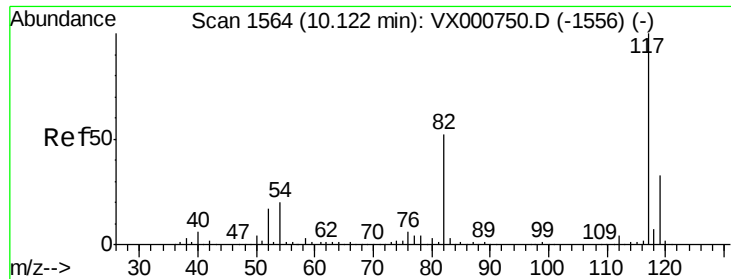


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

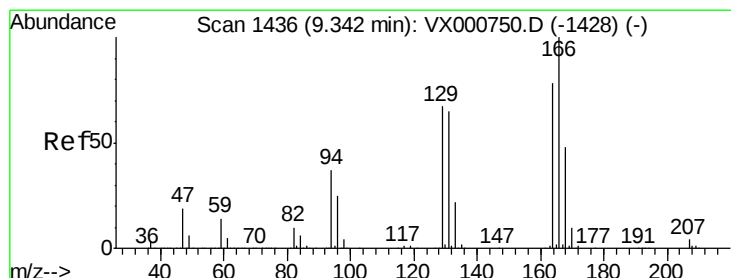
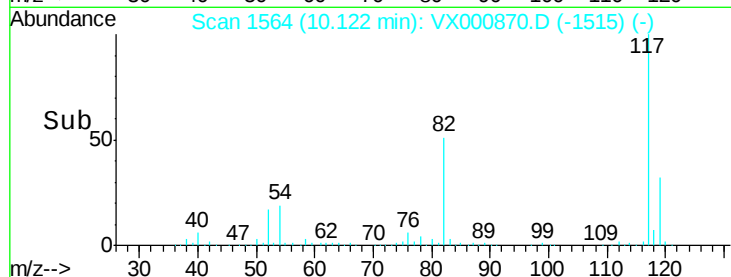
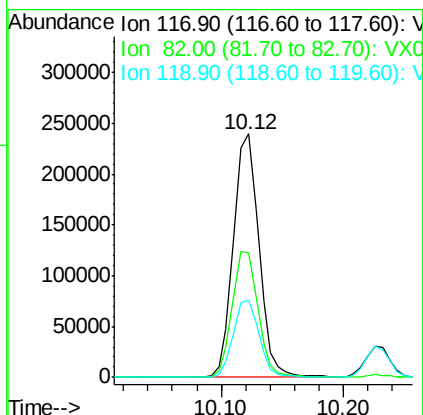
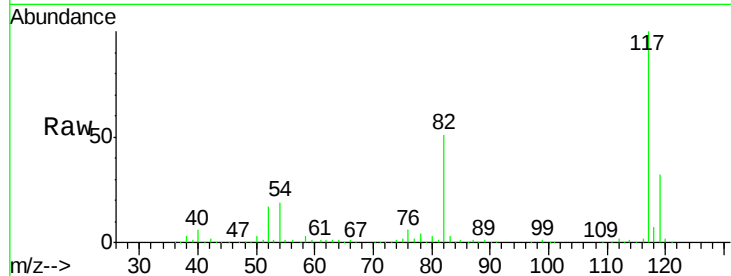




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

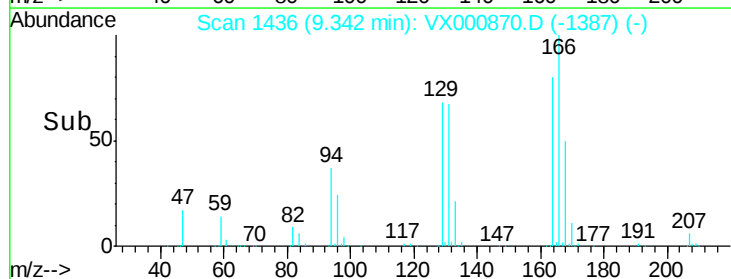
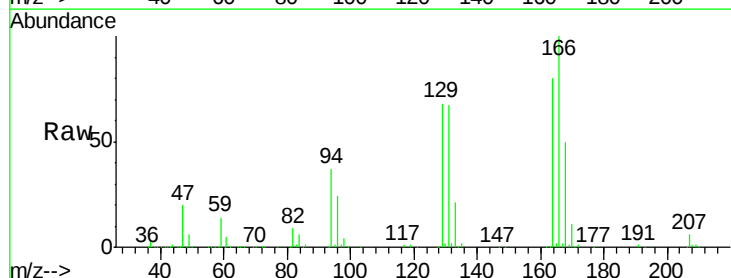
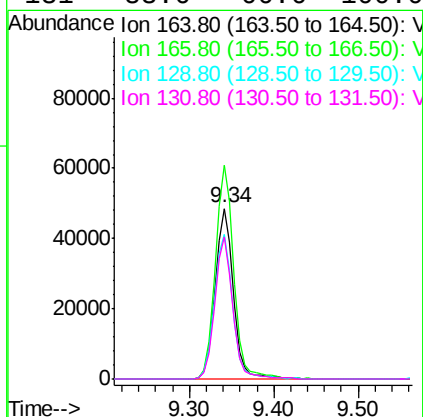
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

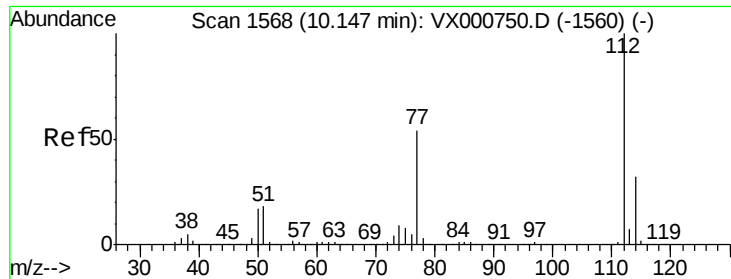
Tgt Ion:117 Resp: 347074
Ion Ratio Lower Upper
117 100
82 51.2 41.9 62.9
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 21.59 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion:164 Resp: 73257
Ion Ratio Lower Upper
164 100
166 125.5 102.8 154.2
129 85.3 68.5 102.7
131 83.6 66.6 100.0





#65

Chlorobenzene

Concen: 20.57 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

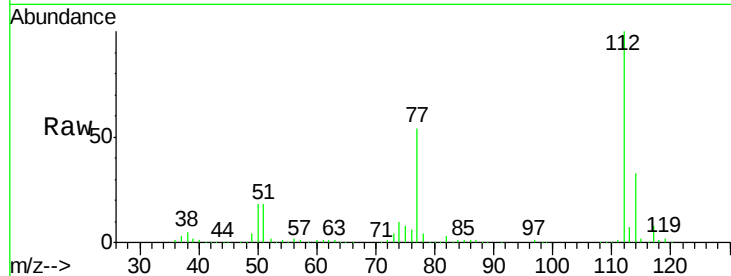
VX0414WBSD01

Tgt Ion:112 Resp: 179627

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

150000

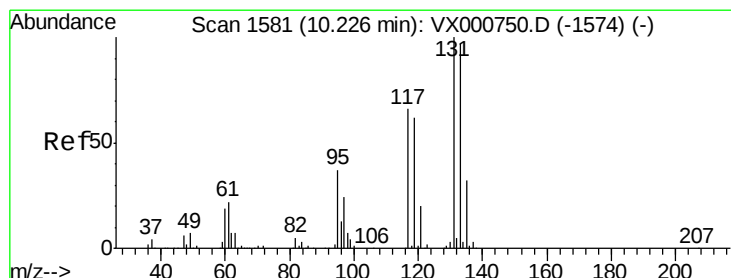
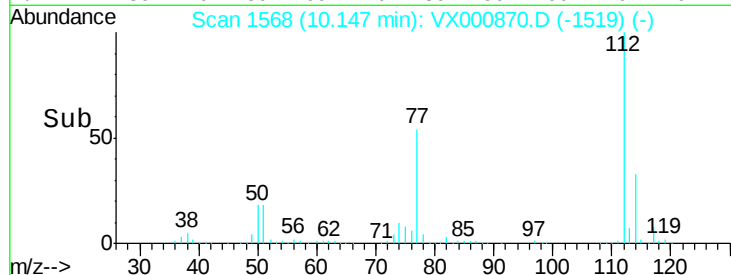
100000

50000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 19.97 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

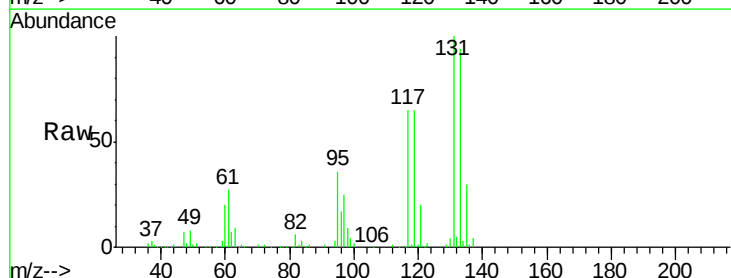
Tgt Ion:131 Resp: 65632

Ion Ratio Lower Upper

131 100

133 94.8 48.3 144.9

119 63.2 31.4 94.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

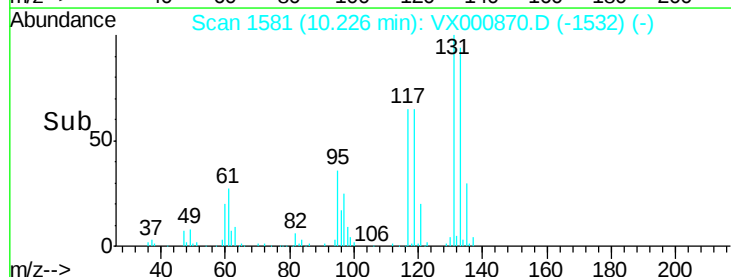
40000

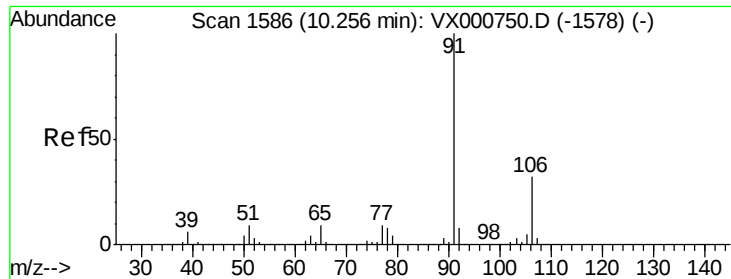
20000

0

Time-->

10.20 10.30

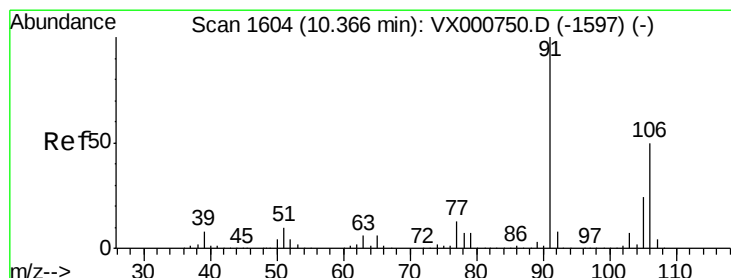
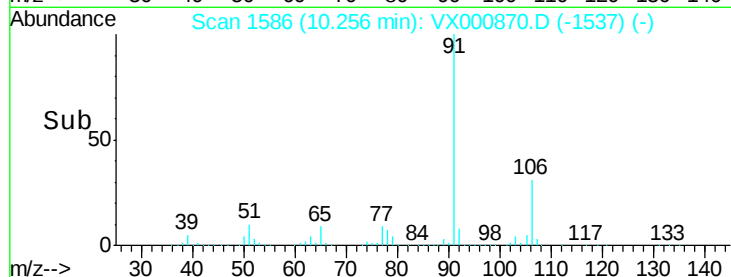
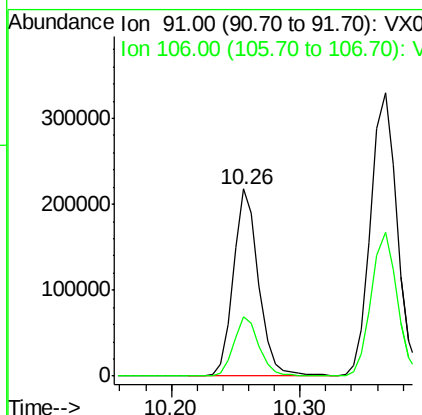
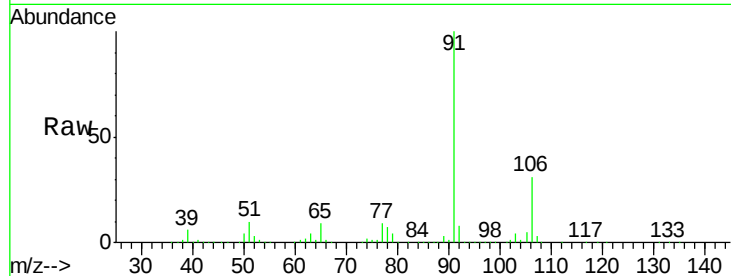




#67
Ethyl Benzene
Concen: 20.50 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

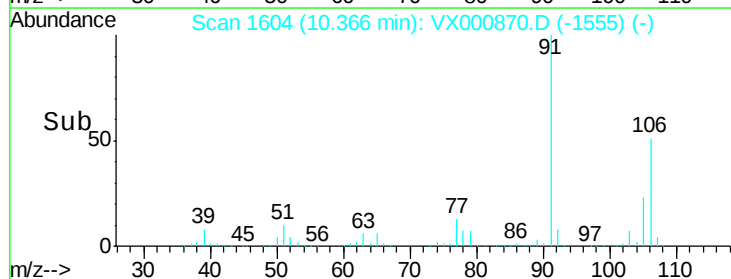
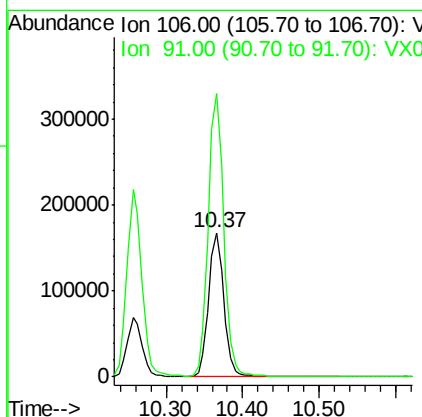
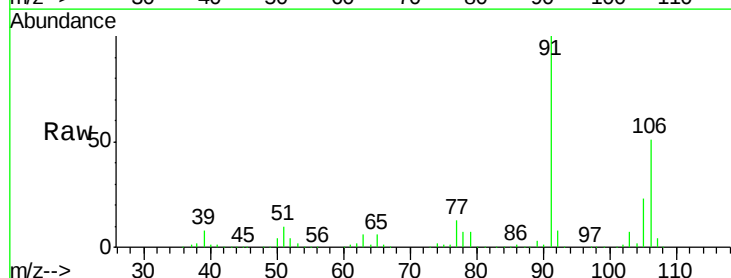
Instrument :
MSVOA_X
ClientSampled :
VX0414WBSD01

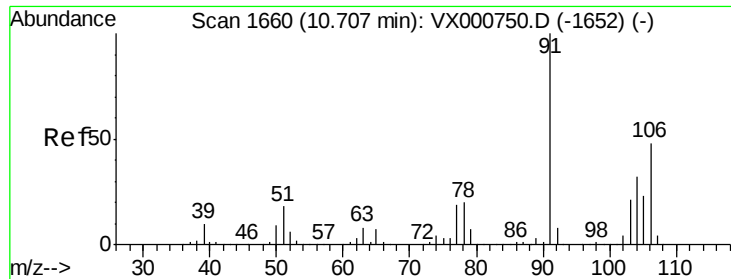
Tgt Ion: 91 Resp: 298419
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0



#68
m/p-Xylenes
Concen: 40.91 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion: 106 Resp: 235072
Ion Ratio Lower Upper
106 100
91 200.2 159.3 238.9

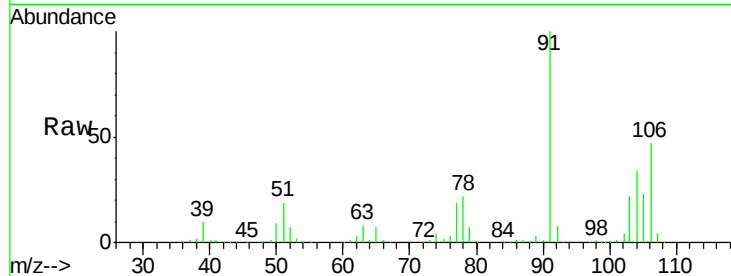




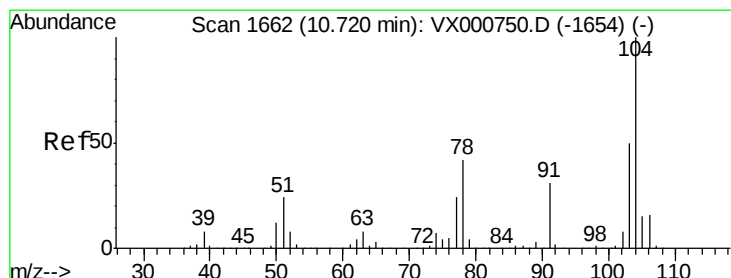
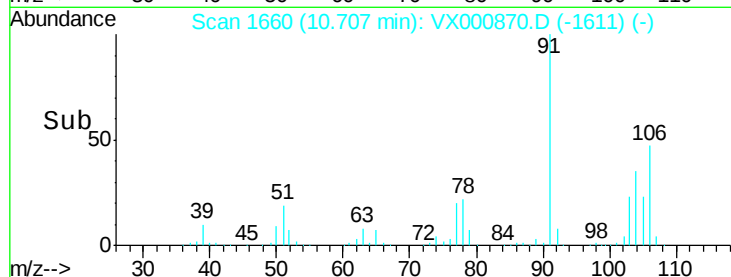
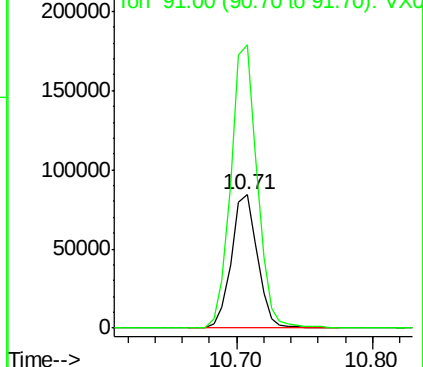
#69
o-Xylene
Concen: 20.41 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Tgt Ion:106 Resp: 113018
Ion Ratio Lower Upper
106 100
91 214.3 105.0 315.0

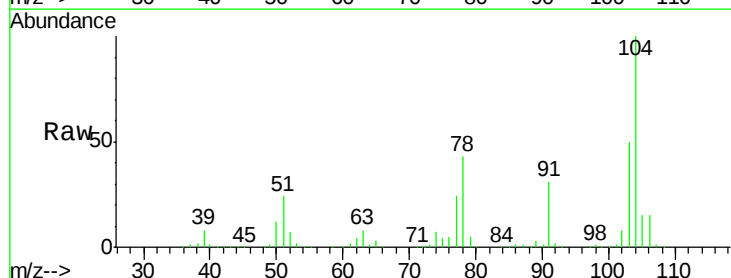


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

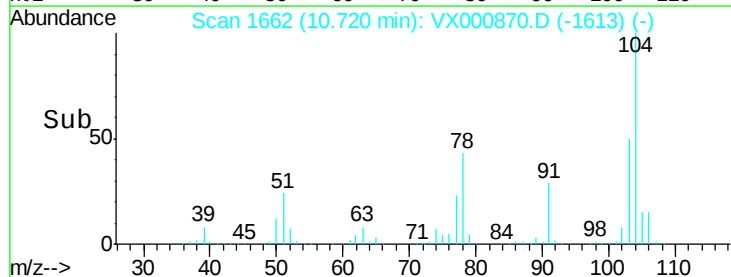
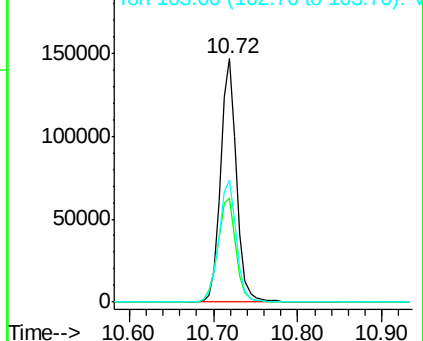


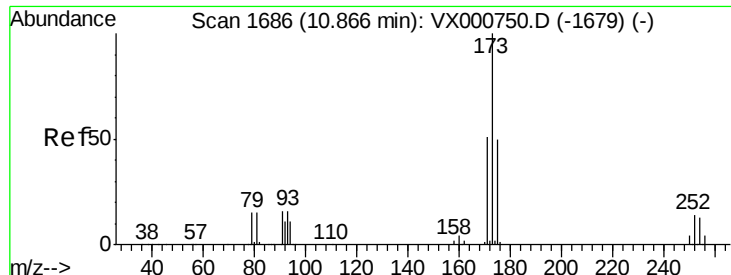
#70
Styrene
Concen: 20.58 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion:104 Resp: 192126
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 55.2 44.1 66.1



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

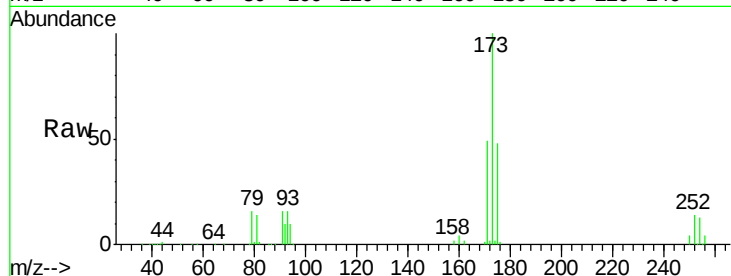




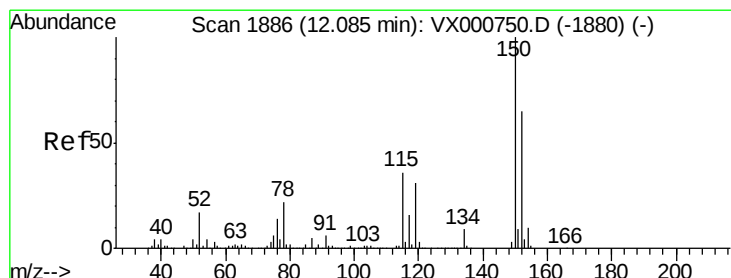
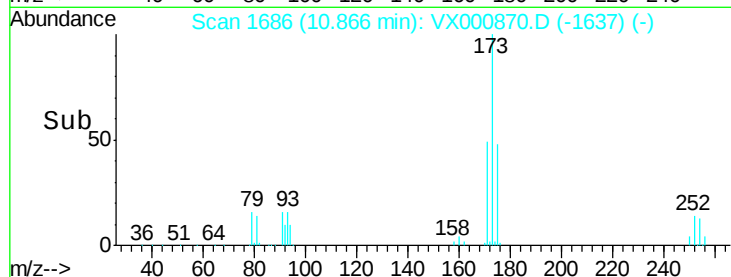
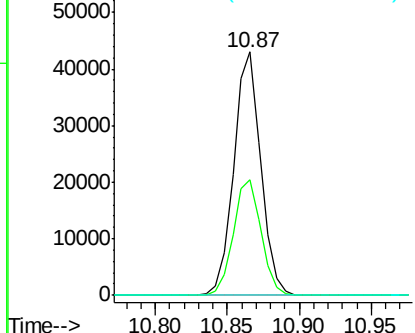
#71
Bromoform
Concen: 18.49 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBSD01

Tgt Ion:173 Resp: 56245
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.1 0.2 0.2#

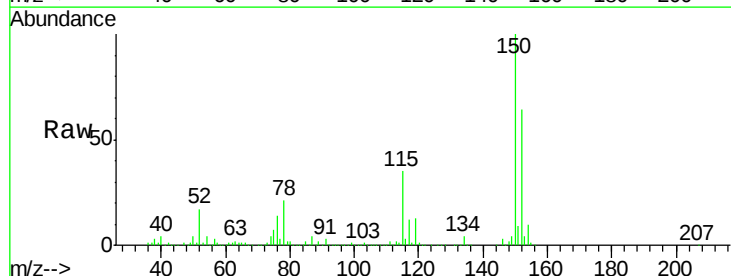


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

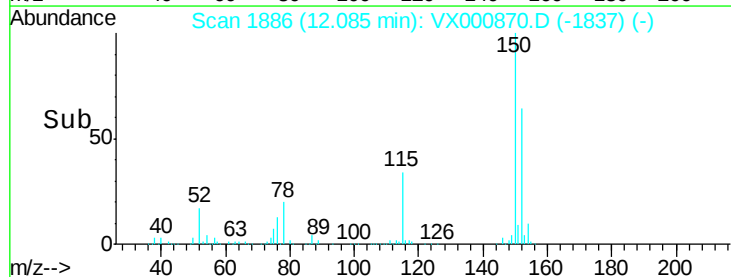
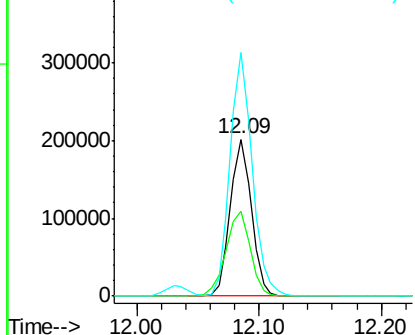


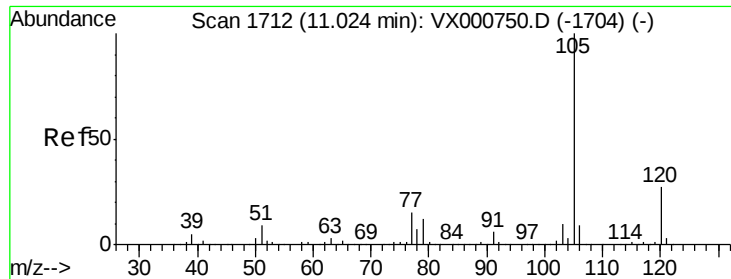
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000870.D
Acq: 14 Apr 2018 13:09

Tgt Ion:152 Resp: 241060
Ion Ratio Lower Upper
152 100
115 62.3 37.9 113.7
150 162.3 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: 20.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

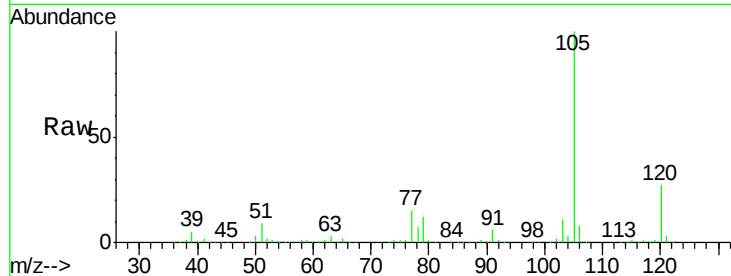
VX0414WBSD01

Tgt Ion:105 Resp: 310566

Ion Ratio Lower Upper

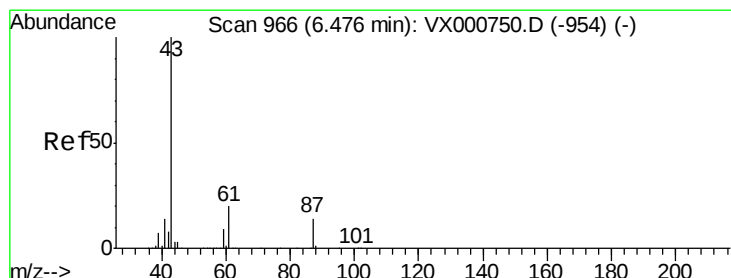
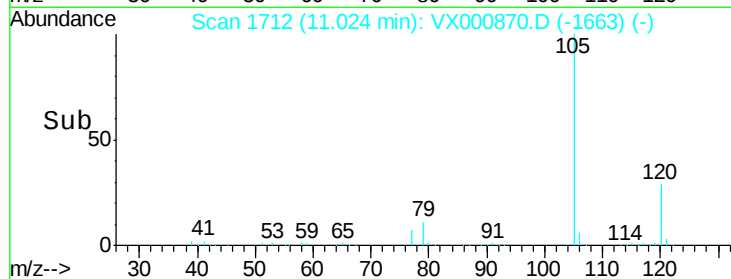
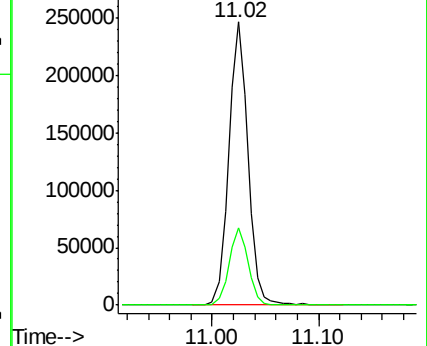
105 100

120 27.2 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: 21.06 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Tgt Ion: 43 Resp: 145048

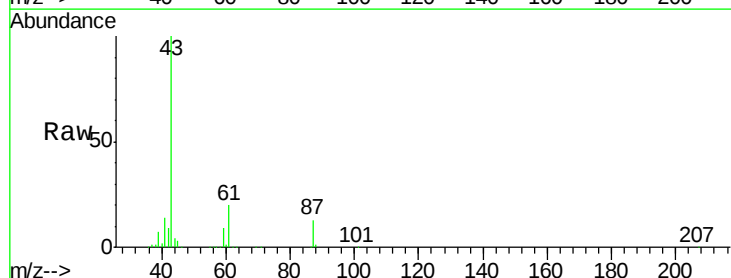
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 19.4 15.6 23.4

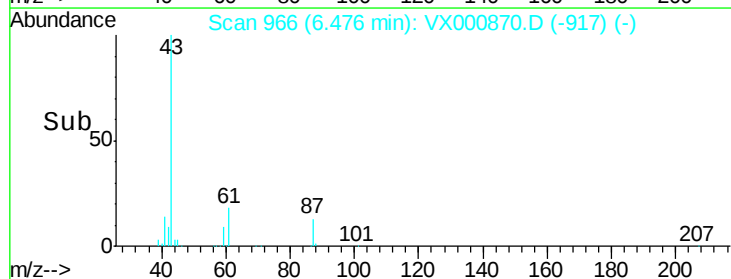
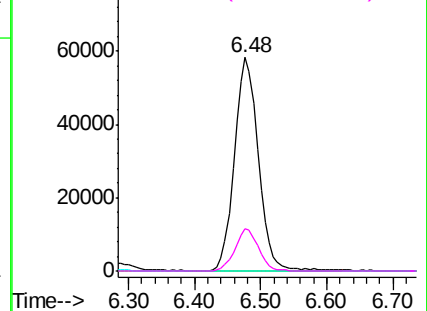


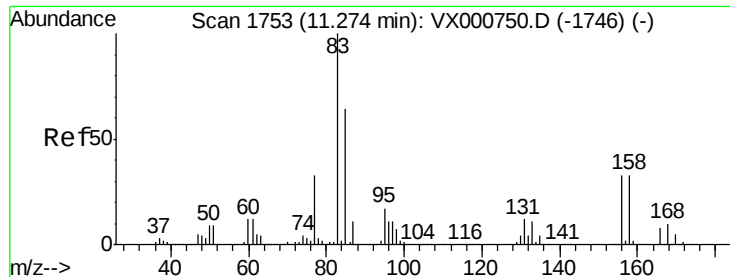
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.18 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

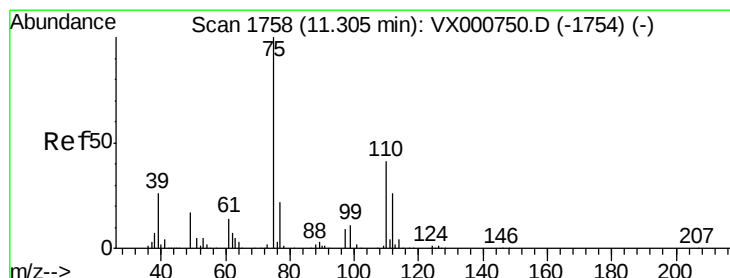
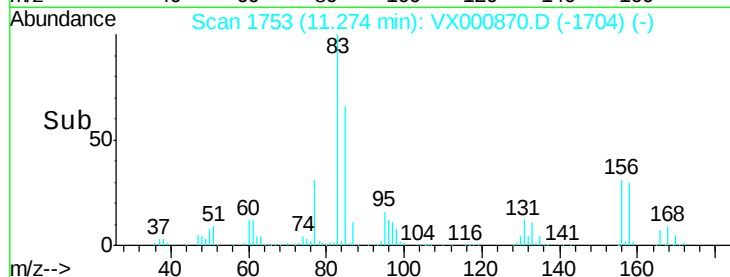
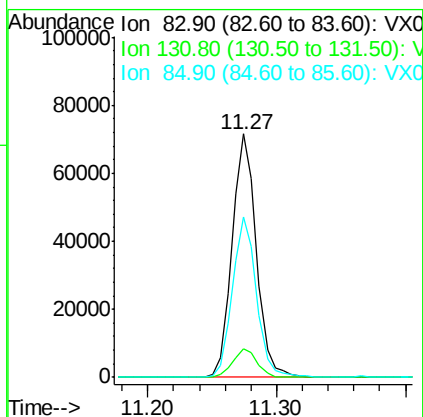
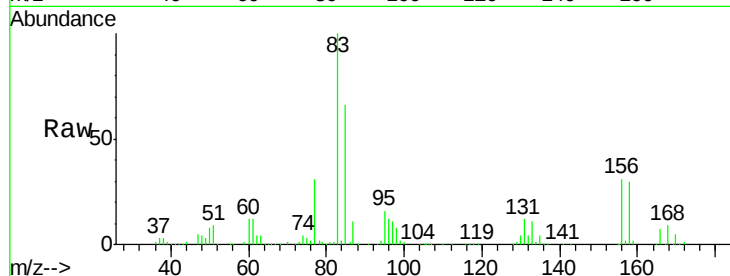
Tgt Ion: 83 Resp: 94021

Ion Ratio Lower Upper

83 100

131 11.9 6.0 18.0

85 65.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 26.30 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000870.D

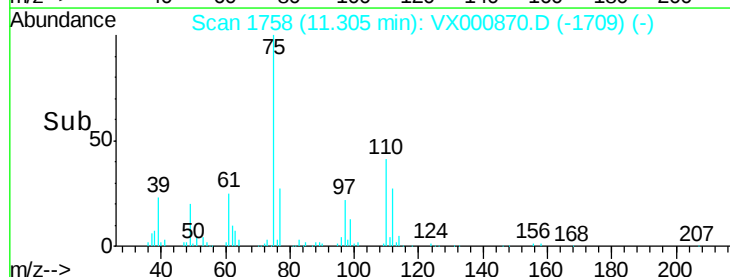
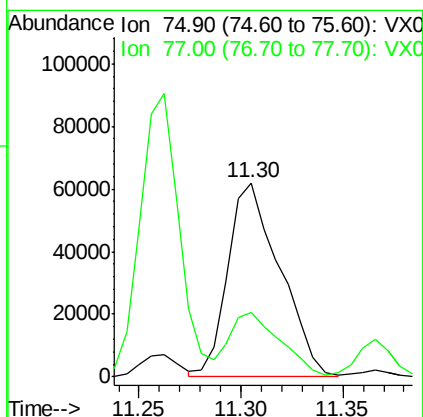
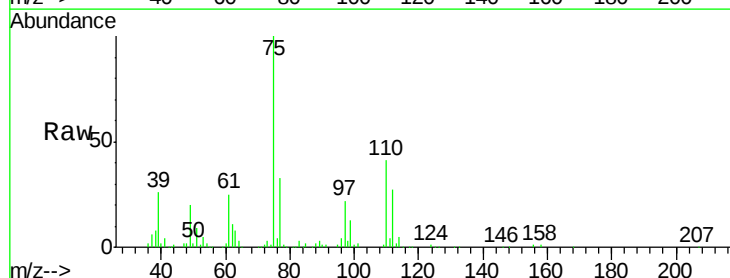
Acq: 14 Apr 2018 13:09

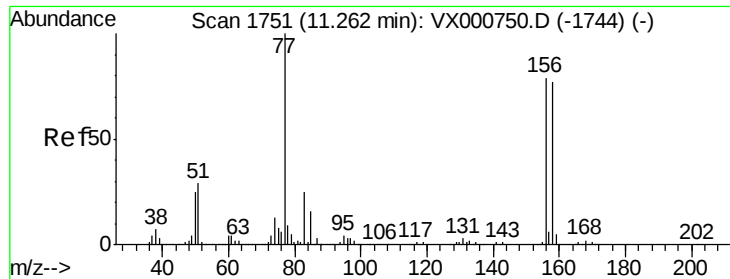
Tgt Ion: 75 Resp: 109336

Ion Ratio Lower Upper

75 100

77 32.2 20.5 61.5





#77

Bromobenzene

Concen: 20.07 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

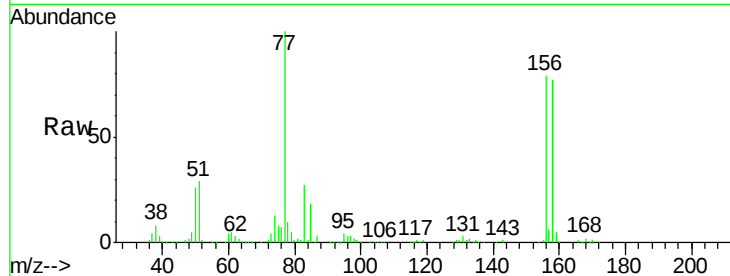
Tgt Ion:156 Resp: 89946

Ion Ratio Lower Upper

156 100

77 133.4 66.0 198.2

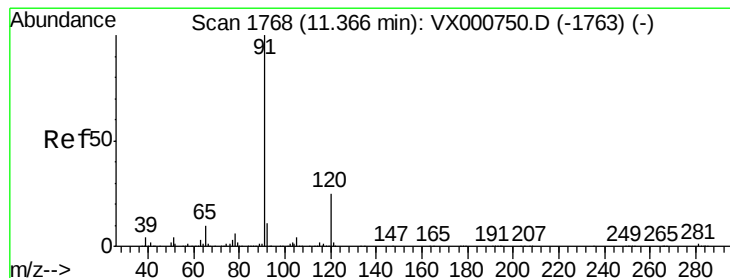
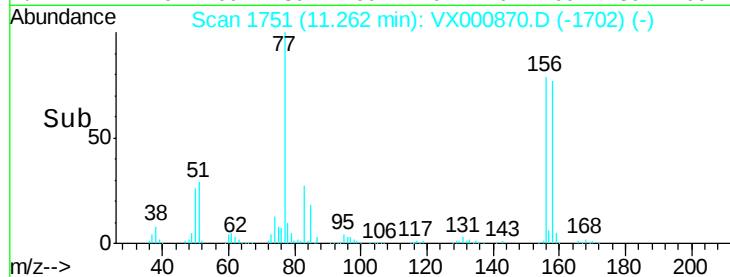
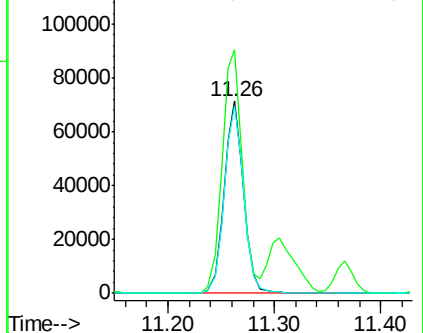
158 98.5 48.8 146.4



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: 20.11 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000870.D

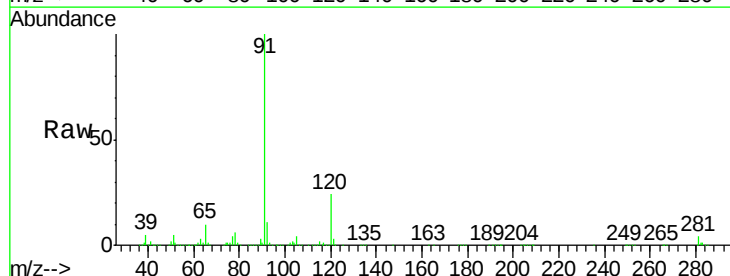
Acq: 14 Apr 2018 13:09

Tgt Ion: 91 Resp: 351843

Ion Ratio Lower Upper

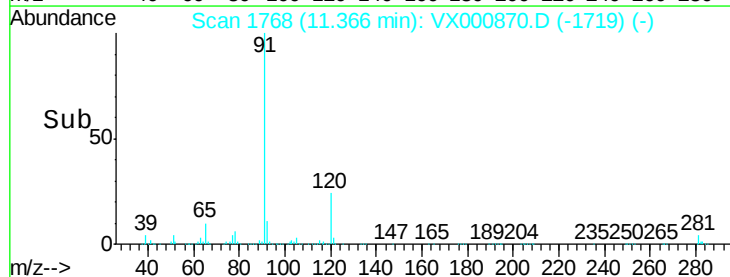
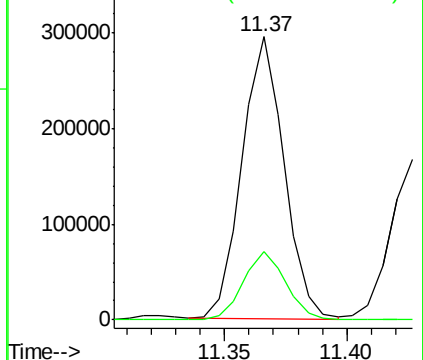
91 100

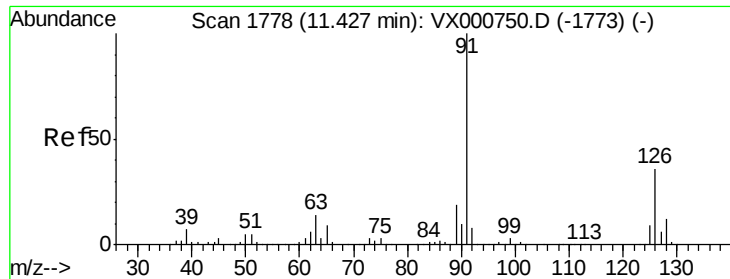
120 24.8 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

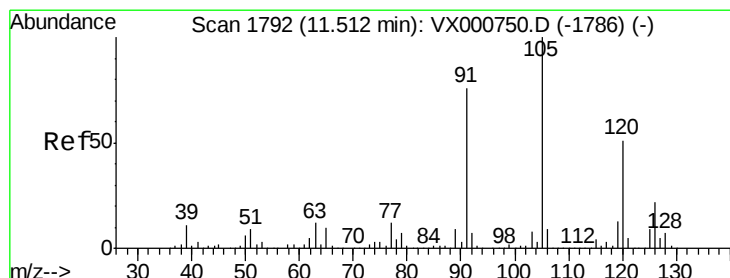
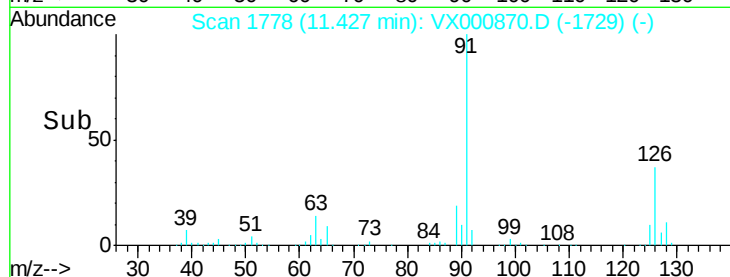
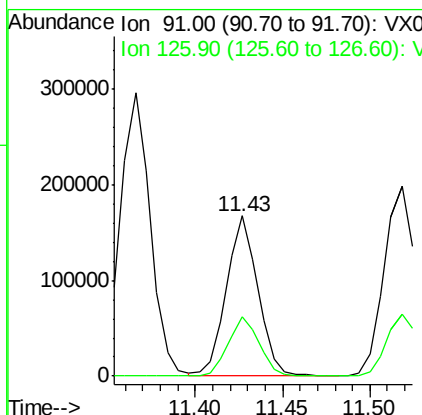
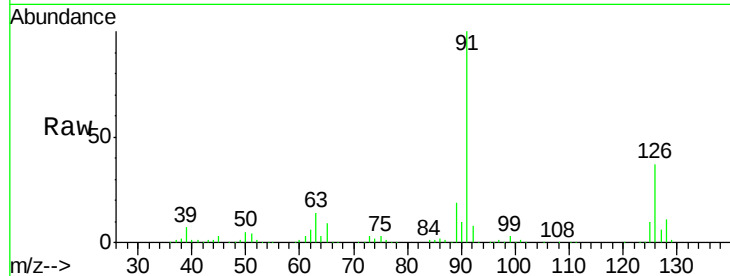




#79
 2-Chlorotoluene
 Concen: 20.13 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

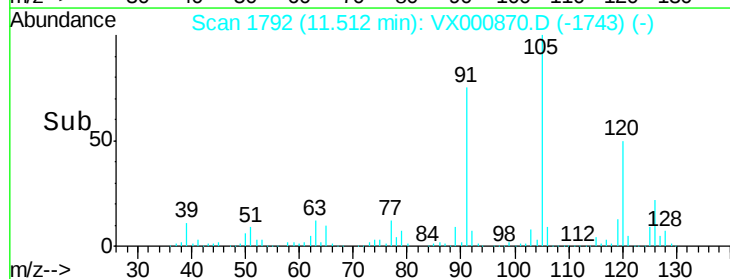
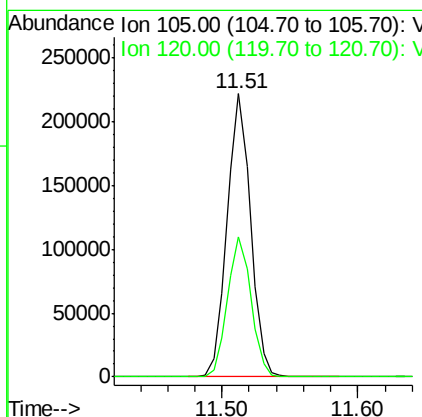
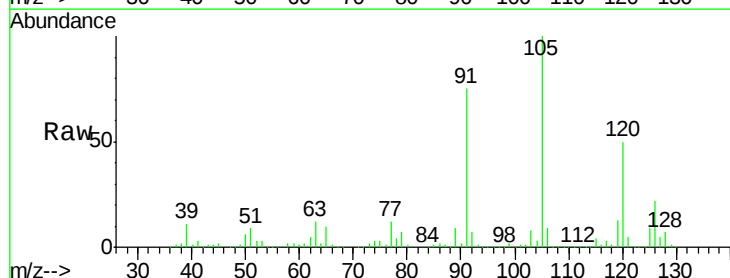
Instrument :
 MSVOA_X
 ClientSampled :
 VX0414WBSD01

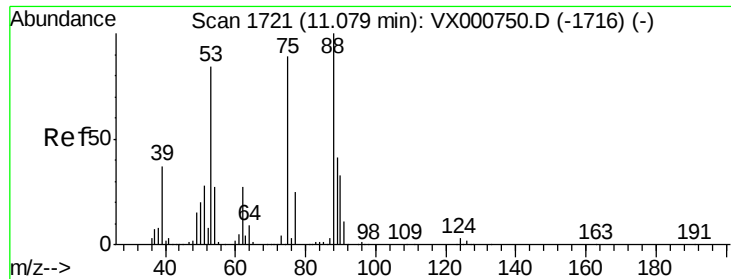
Tgt Ion: 91 Resp: 208107
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.24 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

Tgt Ion: 105 Resp: 266255
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.07 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

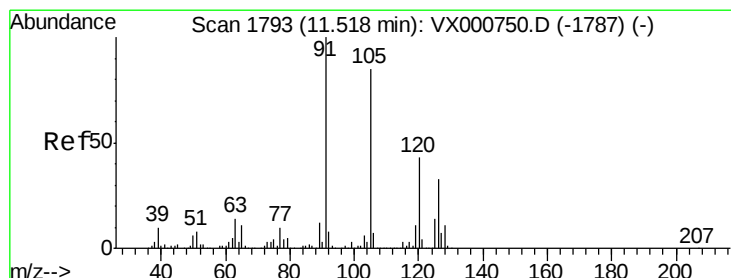
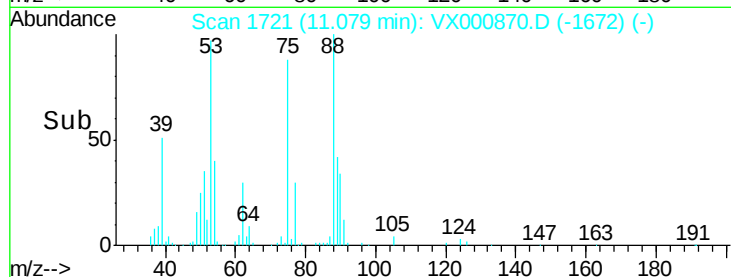
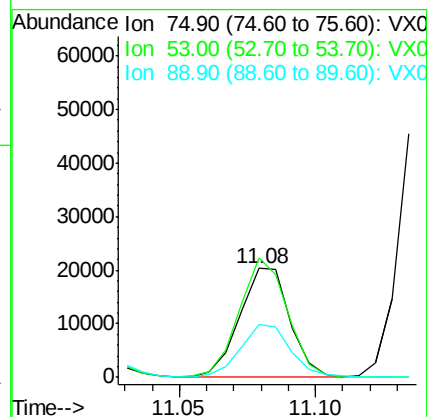
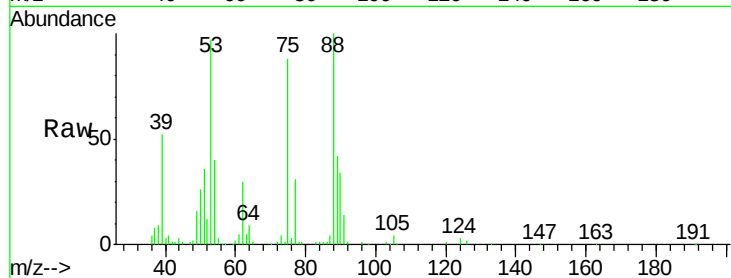
Tgt Ion: 75 Resp: 25795

Ion Ratio Lower Upper

75 100

53 106.6 75.4 113.0

89 49.9 40.9 61.3



#82

4-Chlorotoluene

Concen: 20.16 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000870.D

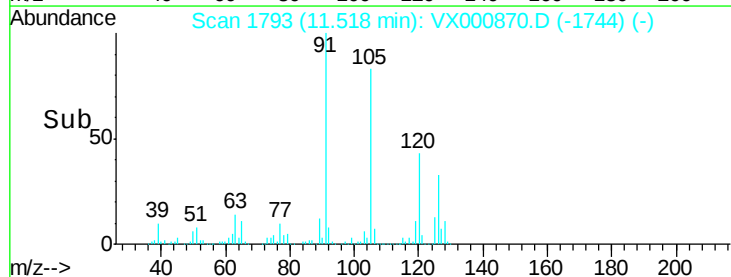
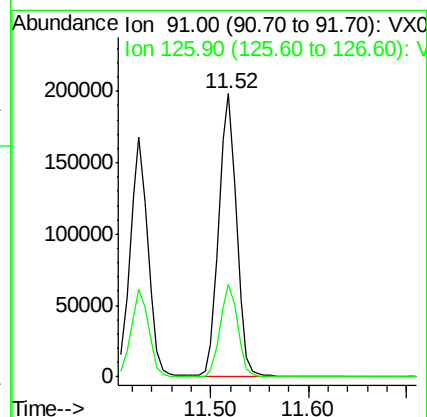
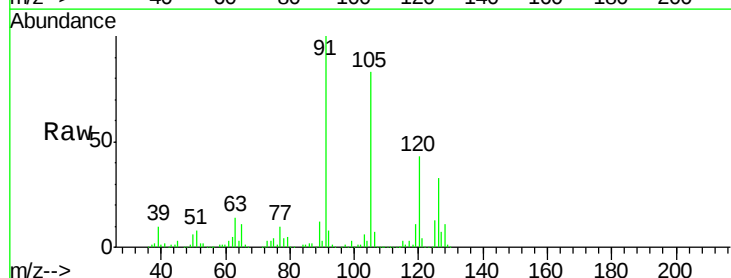
Acq: 14 Apr 2018 13:09

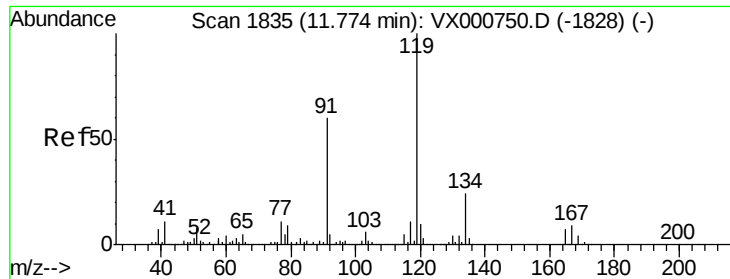
Tgt Ion: 91 Resp: 251599

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.6

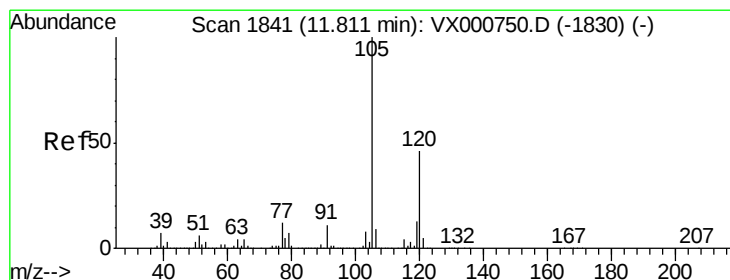
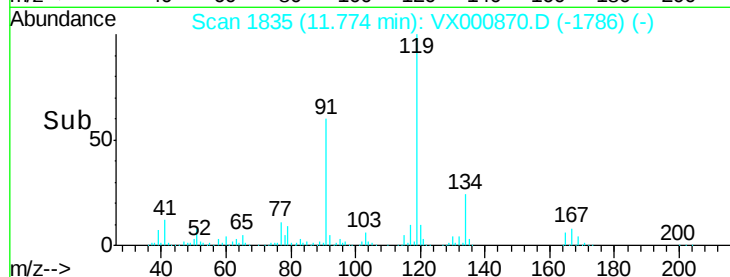
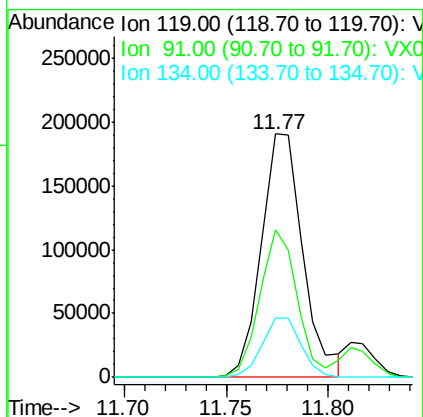
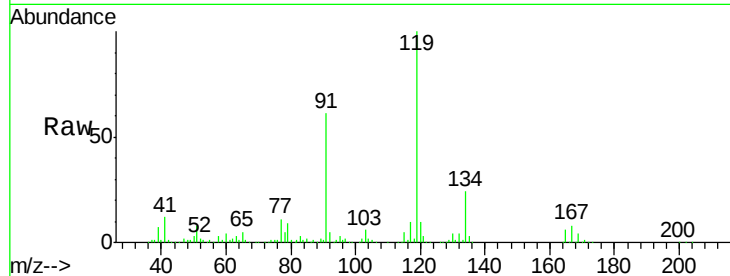




#83
 tert-Butylbenzene
 Concen: 20.16 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

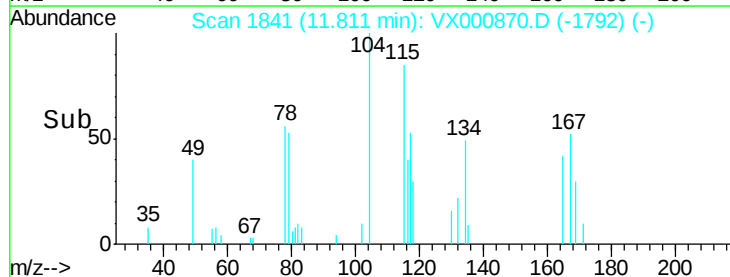
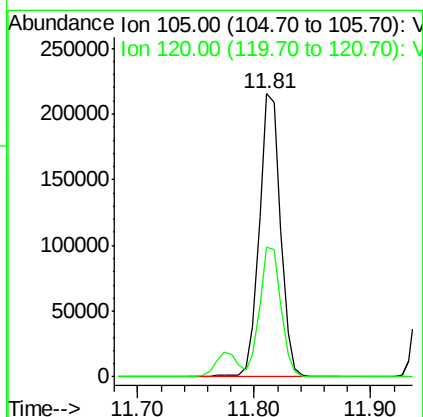
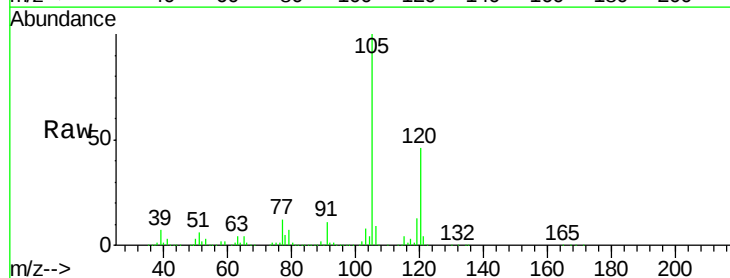
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

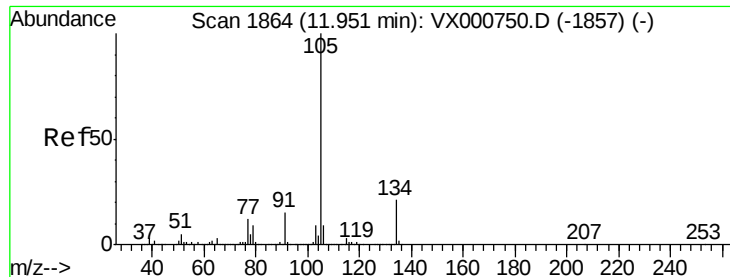
Tgt Ion:119 Resp: 271202
 Ion Ratio Lower Upper
 119 100
 91 54.6 26.8 80.3
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000870.D
 Acq: 14 Apr 2018 13:09

Tgt Ion:105 Resp: 275192
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.48 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

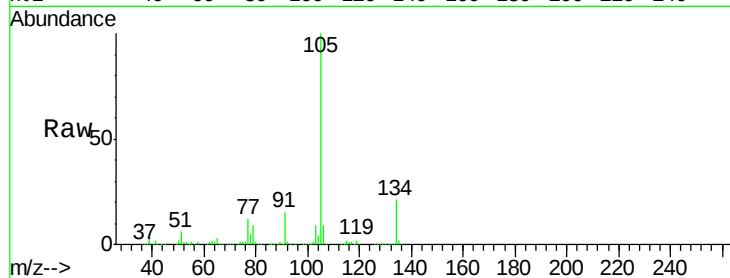
VX0414WBSD01

Tgt Ion:105 Resp: 325136

Ion Ratio Lower Upper

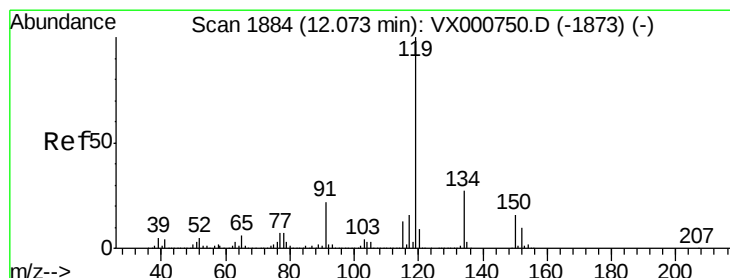
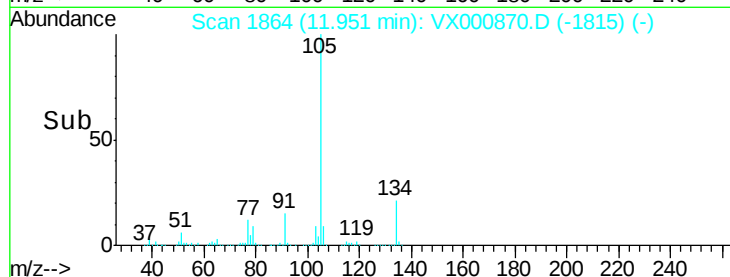
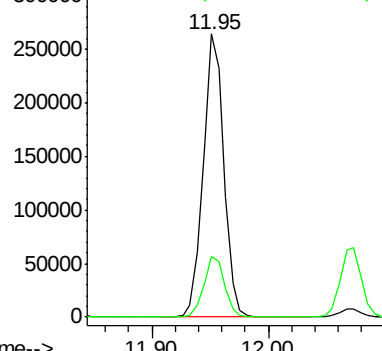
105 100

134 21.6 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: 20.32 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

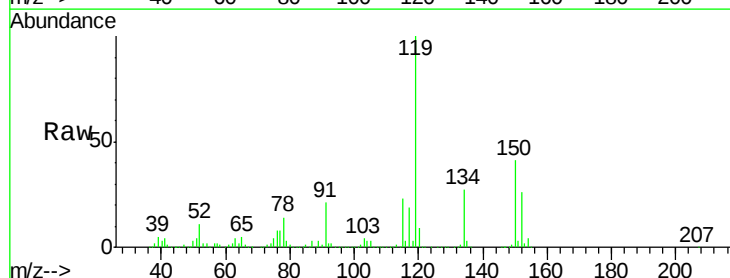
Tgt Ion:119 Resp: 300764

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

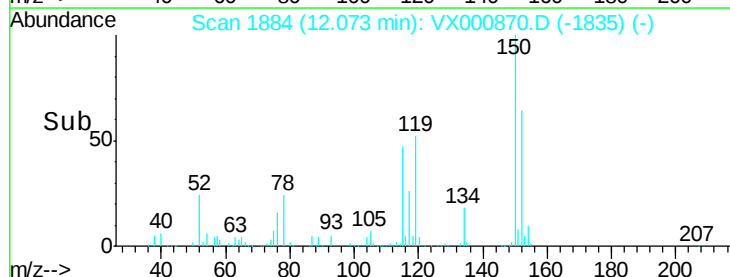
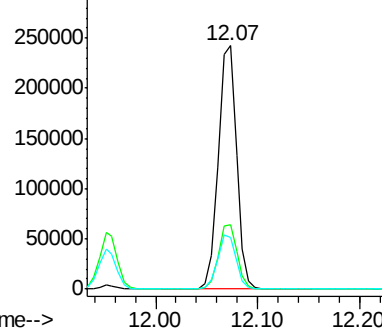
91 22.4 11.2 33.5

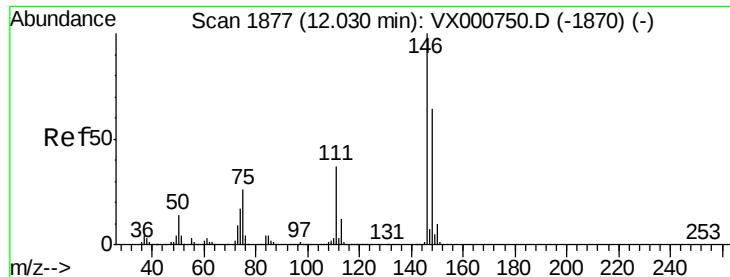


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.35 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampled :

VX0414WBSD01

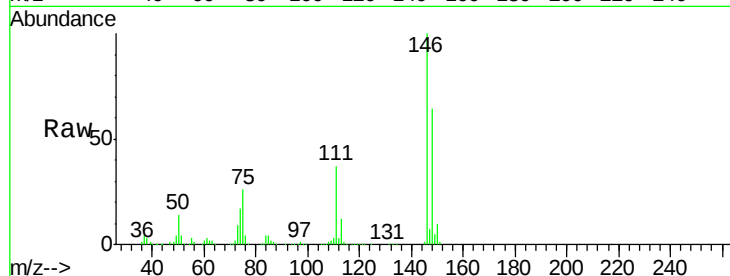
Tgt Ion:146 Resp: 168825

Ion Ratio Lower Upper

146 100

111 36.7 18.3 54.8

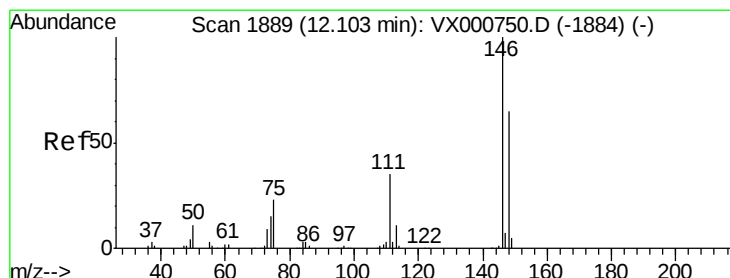
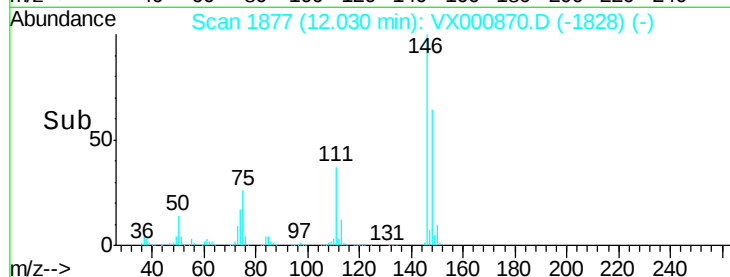
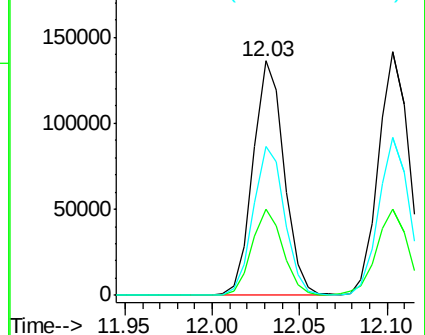
148 64.0 32.2 96.6



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: 20.32 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

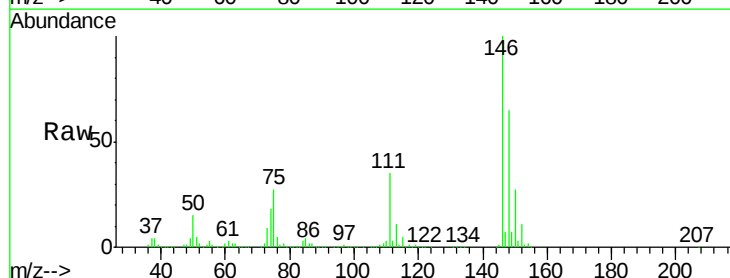
Tgt Ion:146 Resp: 172783

Ion Ratio Lower Upper

146 100

111 36.5 17.9 53.8

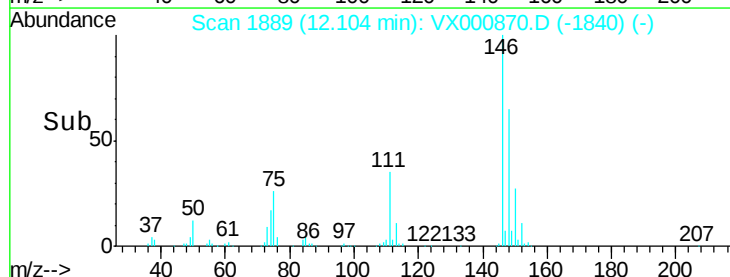
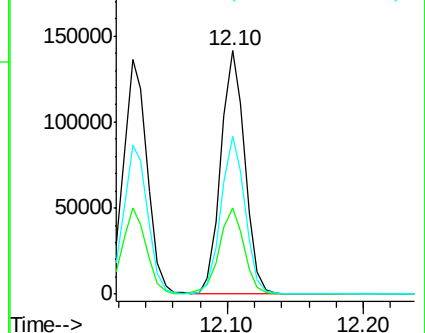
148 64.6 32.6 97.7

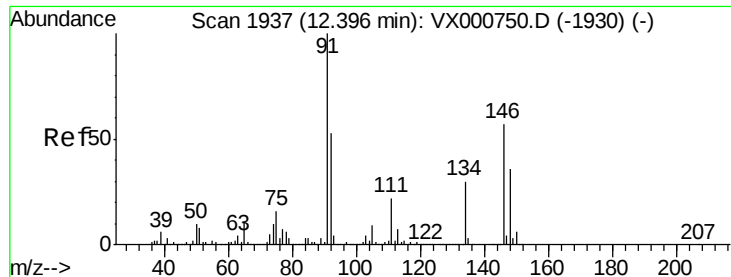


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.39 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

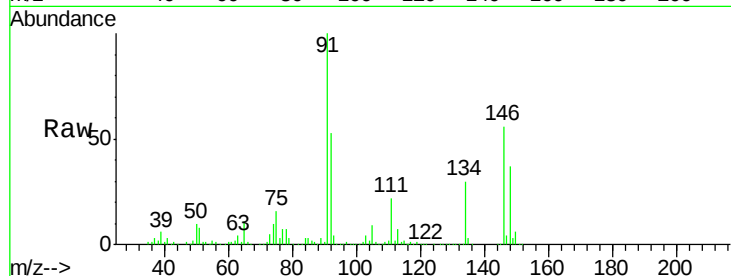
Tgt Ion: 91 Resp: 266431

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 29.1 14.5 43.5

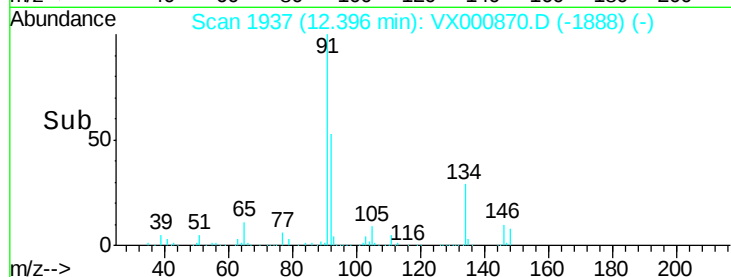


Abundance Ion 91.00 (90.70 to 91.70): VX000870.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000870.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000870.D (-1930) (-)

Time-->

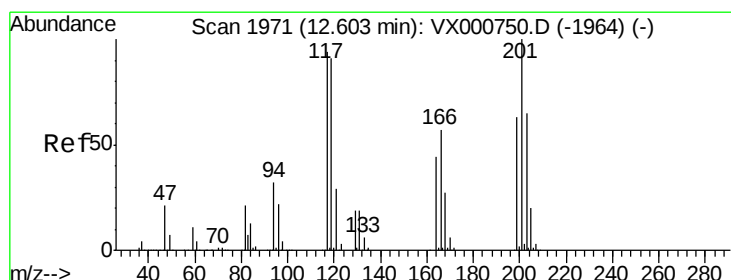


Abundance Ion 91.00 (90.70 to 91.70): VX000870.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX000870.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX000870.D (-1888) (-)

Time-->



#90

Hexachloroethane

Concen: 17.03 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000870.D

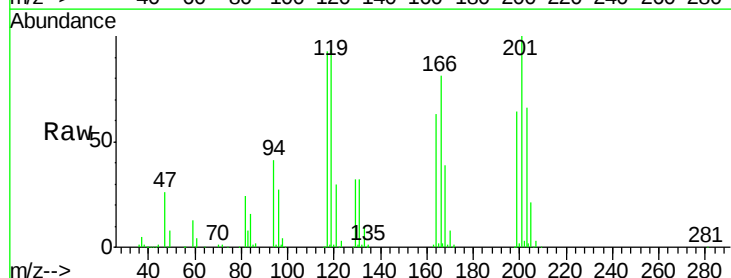
Acq: 14 Apr 2018 13:09

Tgt Ion: 117 Resp: 42667

Ion Ratio Lower Upper

117 100

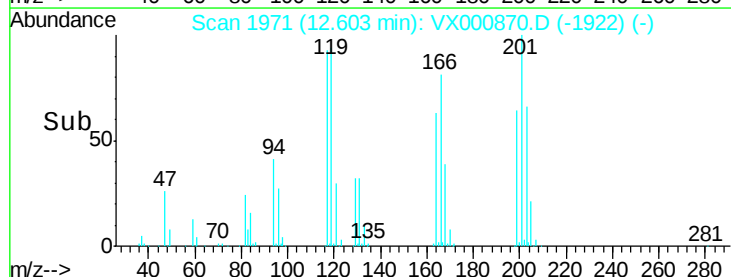
201 105.0 52.9 158.7



Abundance Ion 116.80 (116.50 to 117.50): VX000870.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000870.D (-1964) (-)

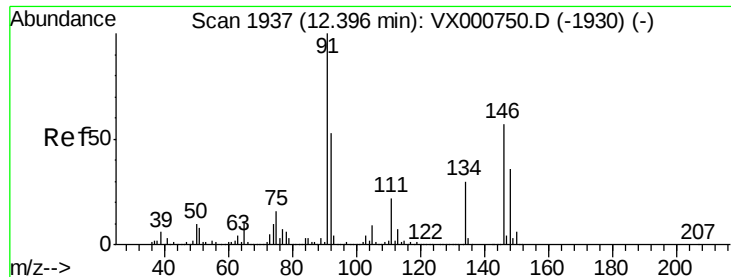
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX000870.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX000870.D (-1922) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 20.49 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

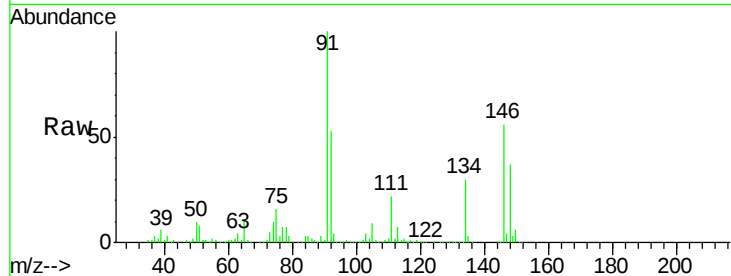
Tgt Ion:146 Resp: 164070

Ion Ratio Lower Upper

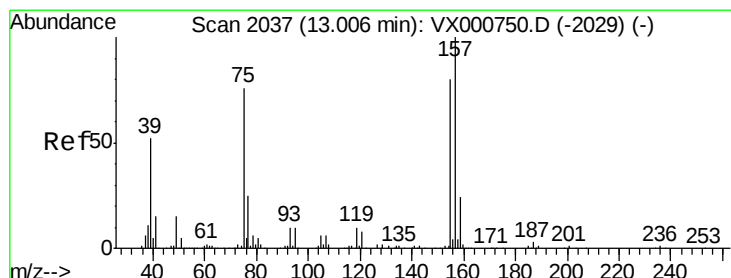
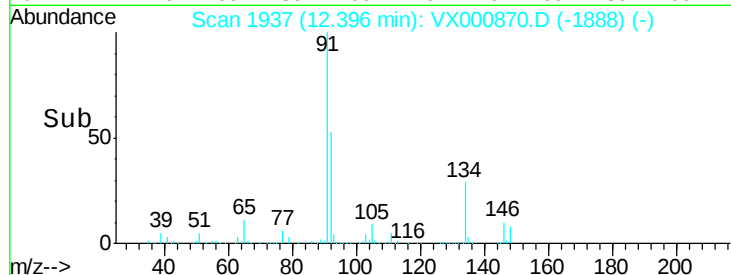
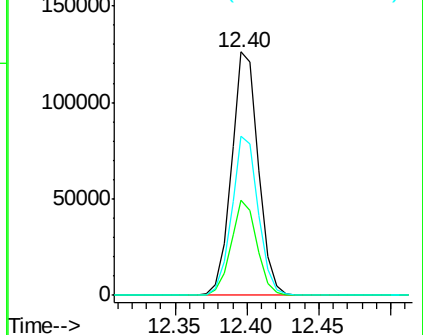
146 100

111 37.8 18.9 56.7

148 64.6 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.06 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

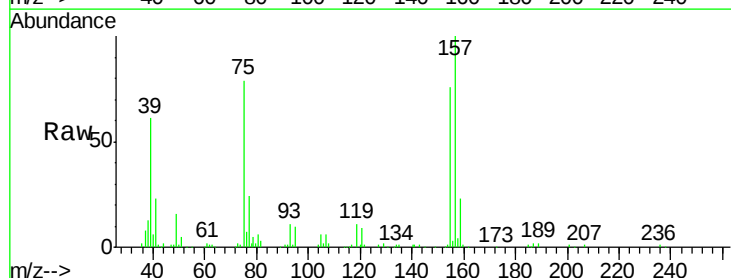
Tgt Ion: 75 Resp: 21198

Ion Ratio Lower Upper

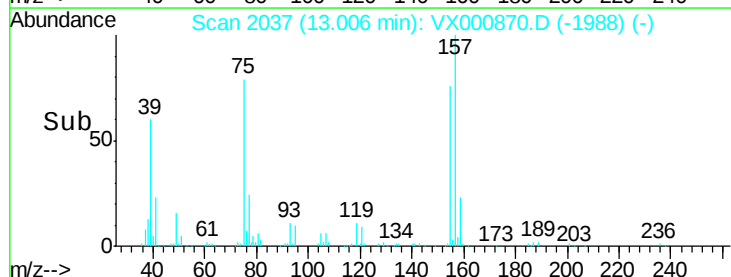
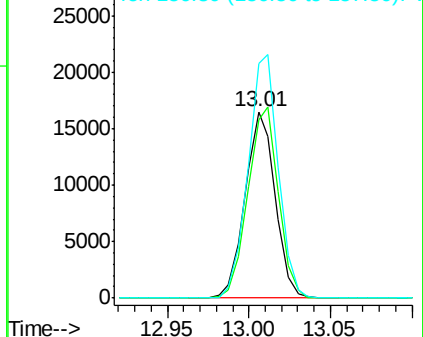
75 100

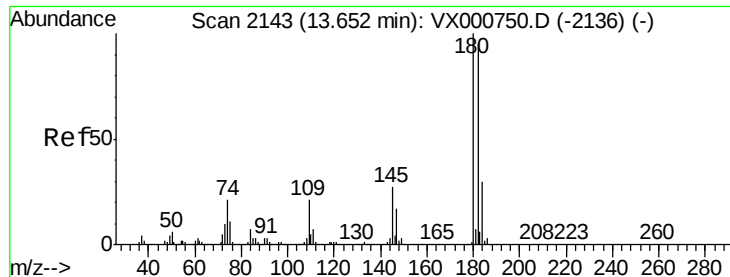
155 103.7 51.9 155.8

157 130.9 66.6 199.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.58 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

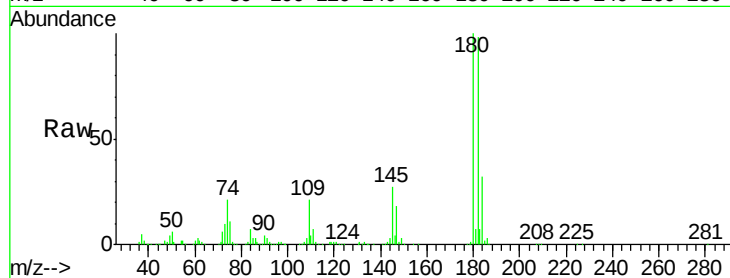
Tgt Ion:180 Resp: 140607

Ion Ratio Lower Upper

180 100

182 96.6 47.5 142.5

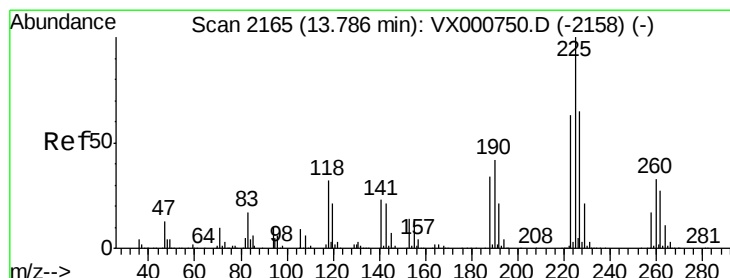
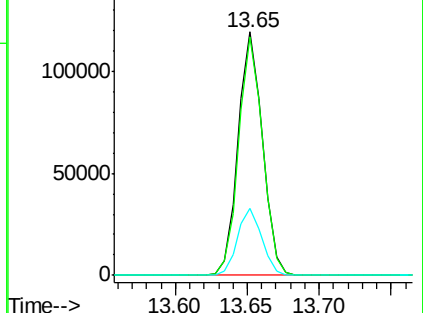
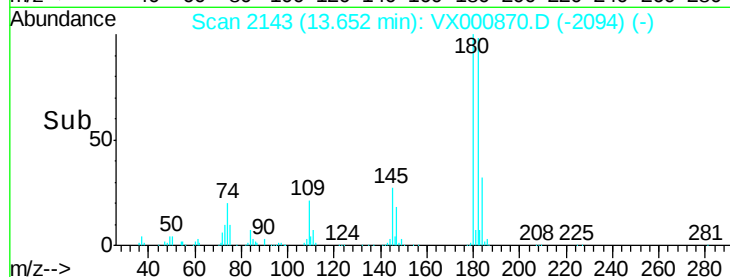
145 27.6 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.83 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

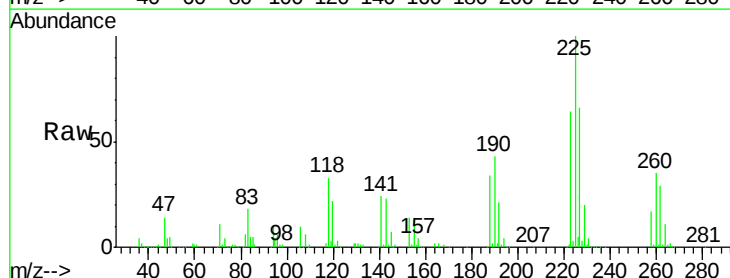
Tgt Ion:225 Resp: 69982

Ion Ratio Lower Upper

225 100

223 63.1 31.2 93.6

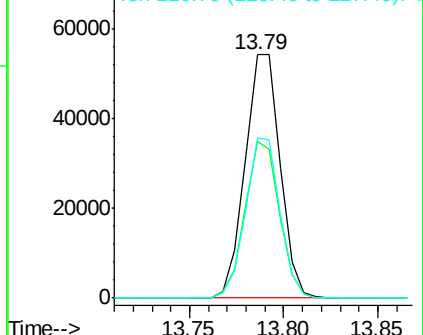
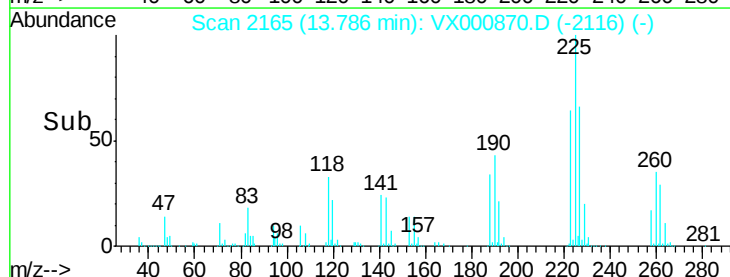
227 64.5 32.3 96.9

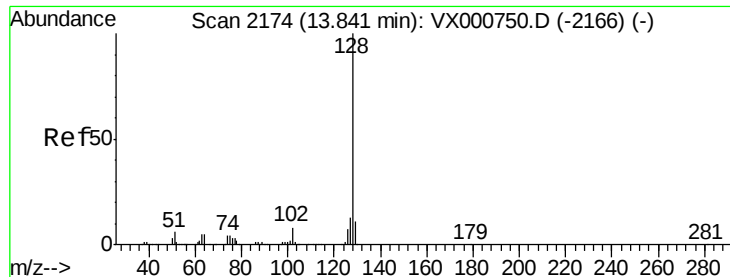


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.38 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBSD01

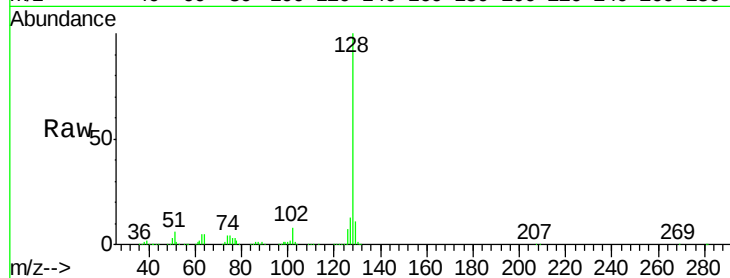
Tgt Ion:128 Resp: 375099

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

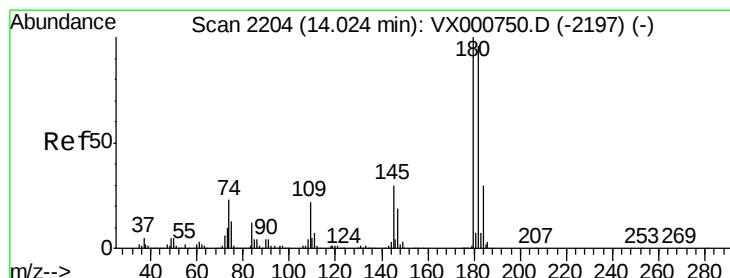
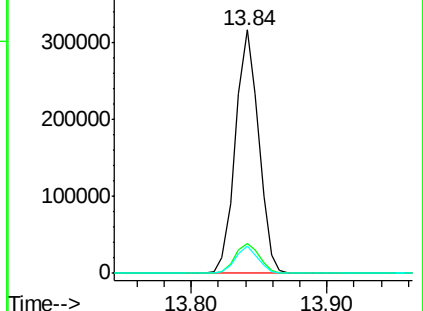
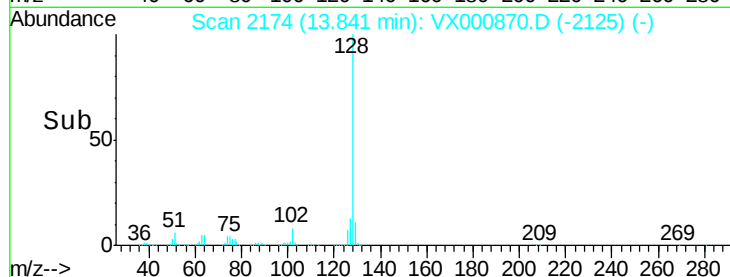
129 10.8 8.7 13.1



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: 20.83 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000870.D

Acq: 14 Apr 2018 13:09

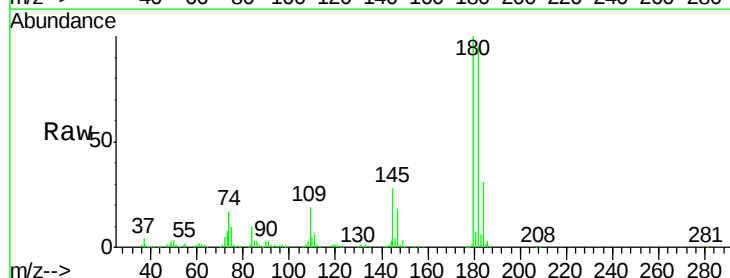
Tgt Ion:180 Resp: 138270

Ion Ratio Lower Upper

180 100

182 96.6 48.4 145.2

145 29.0 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

