

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000942.D
 Acq On : 17 Apr 2018 02:01
 Operator : JC/MD
 Sample : VX0416WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 02:41:47 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	230975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	206960	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150812	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	5.51	113	123888	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.72	98	456582	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	185240	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50488	19.364	ug/l	100
3) Chloromethane	1.32	50	46454	20.780	ug/l	100
4) Vinyl Chloride	1.41	62	51636	20.535	ug/l	96
5) Bromomethane	1.65	94	33948	32.124	ug/l	100
6) Chloroethane	1.73	64	33049	21.686	ug/l	100
7) Trichlorofluoromethane	1.93	101	80368	21.184	ug/l	96
8) Diethyl Ether	2.19	74	30515	21.532	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46155	20.633	ug/l	100
10) Methyl Iodide	2.52	142	28674	21.990	ug/l	99
11) Tert butyl alcohol	3.07	59	45466	87.931	ug/l	98
12) 1,1-Dichloroethene	2.38	96	43949	20.732	ug/l	96
13) Acrolein	2.29	56	10240	40.780	ug/l	95
14) Allyl chloride	2.73	41	78647	20.064	ug/l	99
15) Acrylonitrile	3.15	53	120793	109.574	ug/l	100
16) Acetone	2.45	43	98217	97.795	ug/l	97
17) Carbon Disulfide	2.57	76	104106	16.218	ug/l	99
18) Methyl Acetate	2.78	43	61667	23.727	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	154712	21.911	ug/l	98
20) Methylene Chloride	2.87	84	49765	21.304	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48196	20.617	ug/l	97
22) Diisopropyl ether	3.88	45	162210	22.517	ug/l	98
23) Vinyl Acetate	3.83	43	667366	105.515	ug/l	99
24) 1,1-Dichloroethane	3.70	63	89702	22.191	ug/l	100
25) 2-Butanone	4.71	43	168893	101.835	ug/l	100
26) 2,2-Dichloropropane	4.59	77	63032	15.710	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	56883	21.441	ug/l	98
28) Bromochloromethane	5.03	49	31573	19.397	ug/l	96
29) Tetrahydrofuran	5.17	42	108794	103.313	ug/l	99
30) Chloroform	5.23	83	93294	21.799	ug/l	99
31) Cyclohexane	5.59	56	76913	20.035	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	83534	20.487	ug/l	100
36) 1,1-Dichloropropene	5.81	75	68653	19.640	ug/l	99
37) Ethyl Acetate	4.87	43	68243	19.998	ug/l	99
38) Carbon Tetrachloride	5.79	117	71954	18.391	ug/l	100

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 ClientSampleId :

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	76247	18.164	ug/l	98
40) Benzene	6.15	78	202447	20.844	ug/l	100
41) Methacrylonitrile	5.07	41	41108	20.852	ug/l	99
42) 1,2-Dichloroethane	6.21	62	78773	21.716	ug/l	99
43) Isopropyl Acetate	6.47	43	114492	19.570	ug/l	100
44) Trichloroethene	7.22	130	61771	20.450	ug/l	97
45) 1,2-Dichloropropane	7.53	63	52188	21.101	ug/l	95
46) Dibromomethane	7.67	93	35872	20.803	ug/l	98
47) Bromodichloromethane	7.90	83	65905	18.938	ug/l	96
48) Methyl methacrylate	7.78	41	61594	20.311	ug/l	99
49) 1,4-Dioxane	7.76	88	19290	316.527	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	354558	103.171	ug/l	99
52) Toluene	8.79	92	132410	20.549	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	77804	18.639	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	72047	17.724	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54218	21.195	ug/l	99
56) Ethyl methacrylate	9.19	69	77864	19.732	ug/l	100
57) 1,3-Dichloropropane	9.38	76	88516	21.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	196461	106.559	ug/l	99
59) 2-Hexanone	9.51	43	261099	98.413	ug/l	99
60) Dibromochloromethane	9.59	129	54528	17.815	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56433	20.795	ug/l	100
64) Tetrachloroethene	9.34	164	64769	21.536	ug/l	100
65) Chlorobenzene	10.15	112	157398	20.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	55296	18.987	ug/l	98
67) Ethyl Benzene	10.26	91	260459	20.190	ug/l	99
68) m/p-Xylenes	10.37	106	203861	40.036	ug/l	99
69) o-Xylene	10.71	106	99508	20.276	ug/l	100
70) Styrene	10.72	104	164894	19.930	ug/l	99
71) Bromoform	10.87	173	43286	16.052	ug/l #	100
73) Isopropylbenzene	11.02	105	268842	20.476	ug/l	100
74) N-amyl acetate	6.47	43	114492	19.364	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	76603	20.104	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84472	23.667	ug/l	86
77) Bromobenzene	11.26	156	77610	20.170	ug/l	98
78) n-propylbenzene	11.37	91	303337	20.198	ug/l	99
79) 2-Chlorotoluene	11.43	91	180589	20.346	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	227750	20.170	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17031	13.126	ug/l #	85
82) 4-Chlorotoluene	11.52	91	217410	20.293	ug/l	100
83) tert-Butylbenzene	11.77	119	229162	19.838	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	233856	20.062	ug/l	99
85) sec-Butylbenzene	11.95	105	270104	19.820	ug/l	100
86) p-Isopropyltoluene	12.07	119	247943	19.510	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145130	20.378	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	146032	20.008	ug/l	99
89) n-Butylbenzene	12.40	91	212809	18.972	ug/l	100
90) Hexachloroethane	12.60	117	34378	15.987	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	141678	20.607	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15356	16.085	ug/l	98

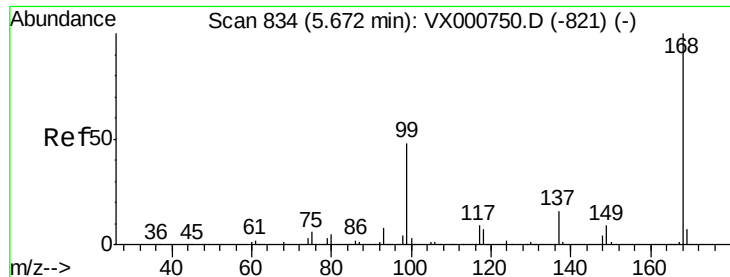
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115371	19.665	ug/l	99
94) Hexachlorobutadiene	13.79	225	48424	16.786	ug/l	100
95) Naphthalene	13.84	128	298456	19.819	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110998	19.479	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

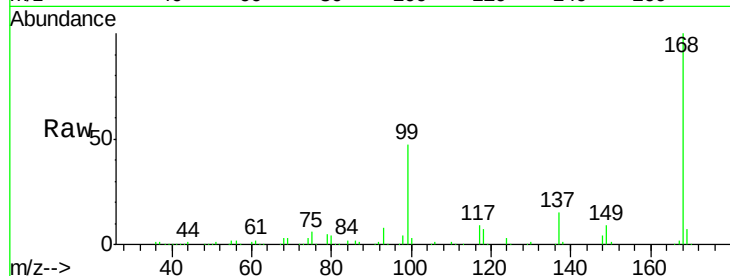
ClientSampleId :

Tot Ion:168 Resp: 230975

Ion Ratio Lower Upper

168 100

99 47.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

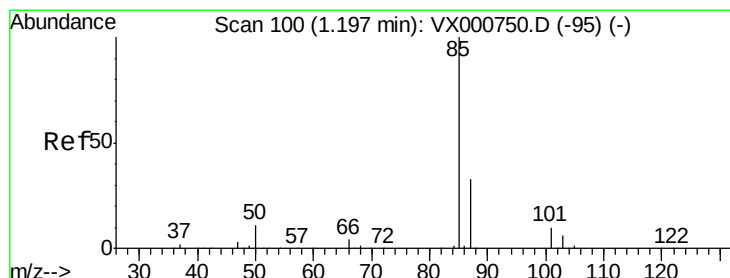
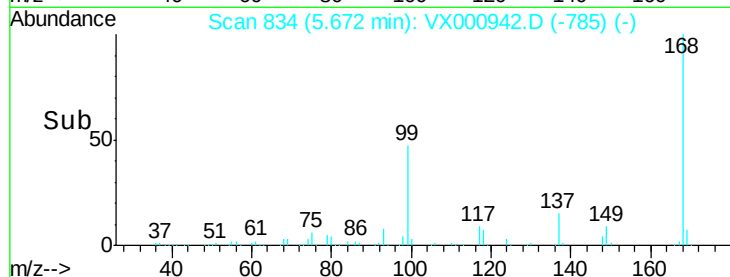
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.364 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000942.D

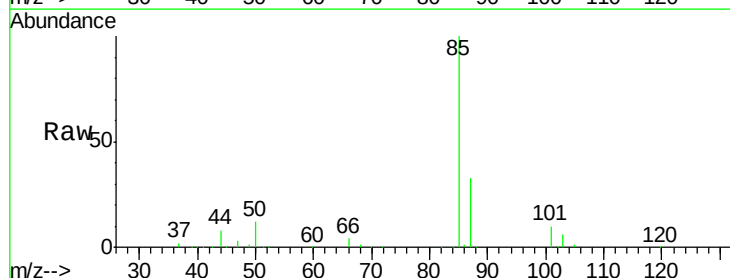
Acq: 17 Apr 2018 02:01

Tgt Ion: 85 Resp: 50488

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

10000

0

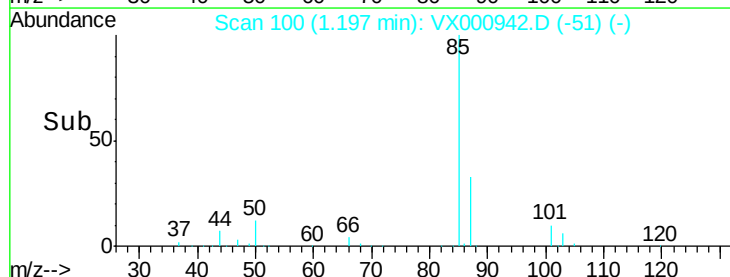
1.15

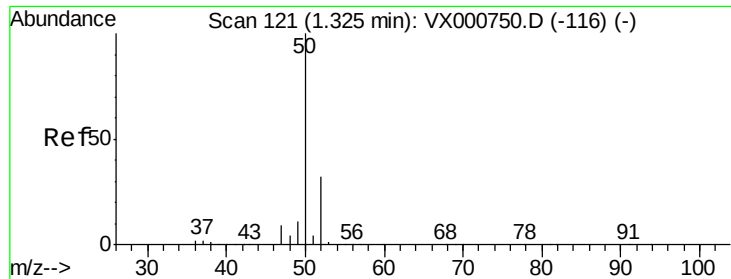
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 20.780 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

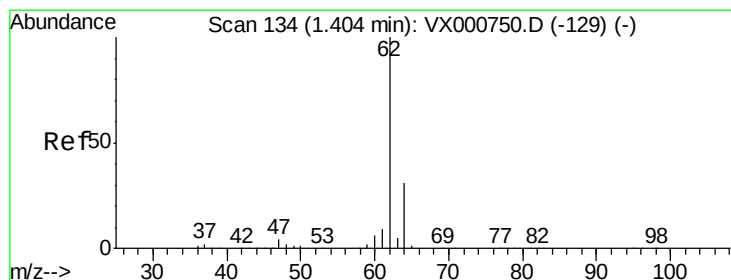
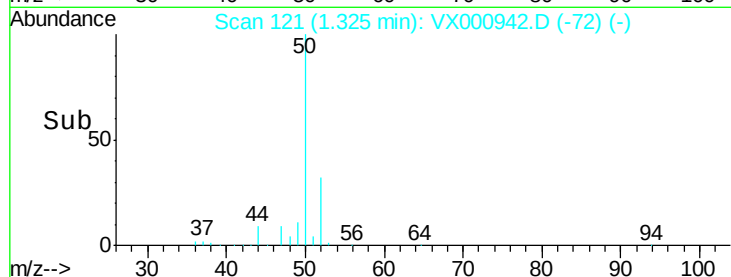
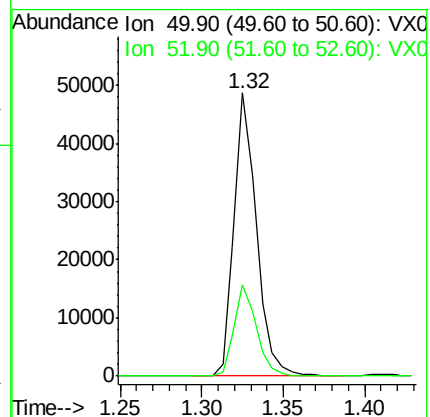
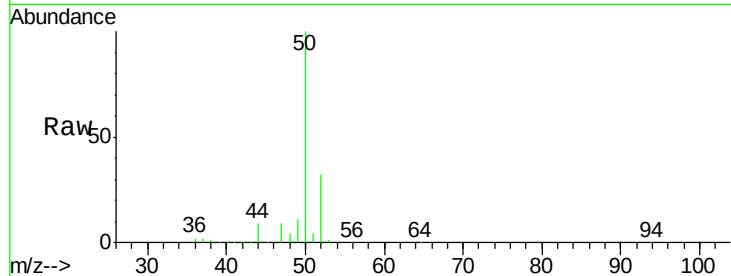
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 46454

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.8



#4

Vinyl Chloride

Concen: 20.535 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000942.D

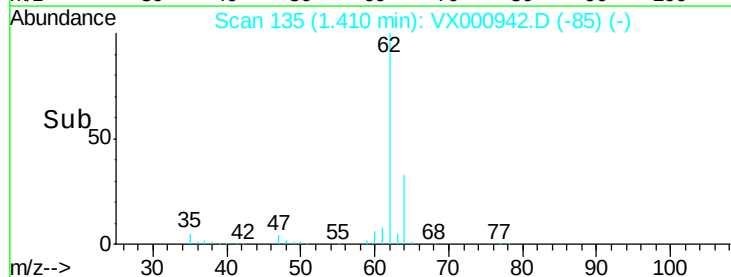
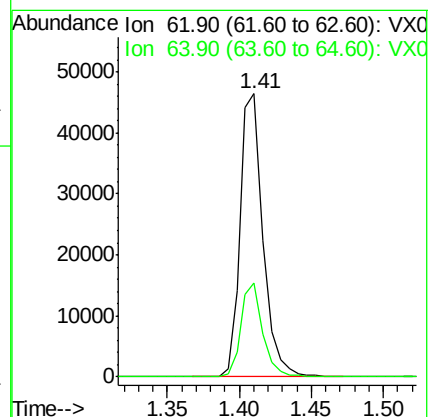
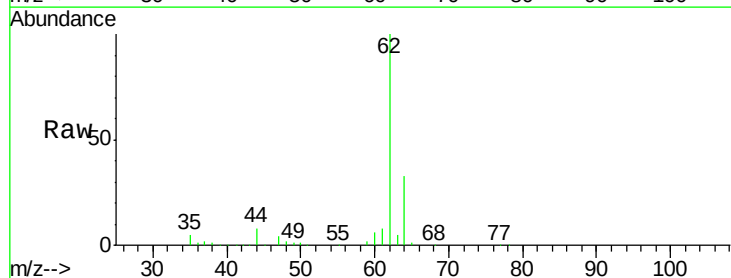
Acq: 17 Apr 2018 02:01

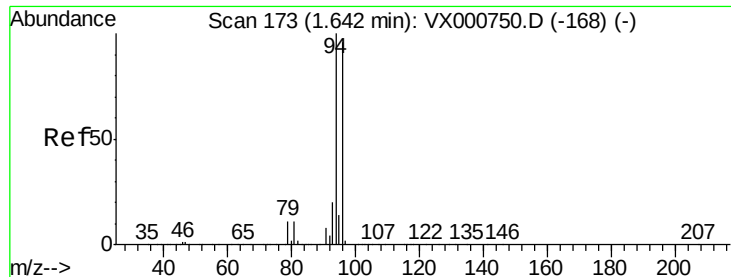
Tgt Ion: 62 Resp: 51636

Ion Ratio Lower Upper

62 100

64 33.0 24.6 36.8





#5

Bromomethane

Concen: 32.124 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

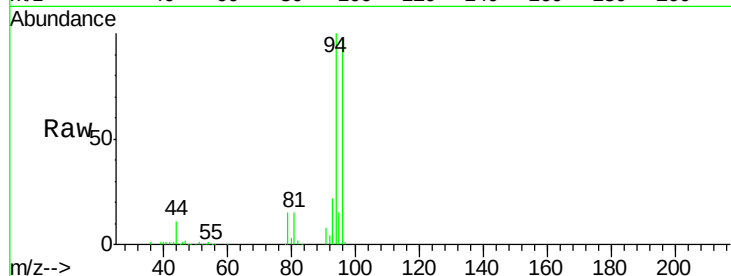
ClientSampled :

Tot Ion: 94 Resp: 33948

Ion Ratio Lower Upper

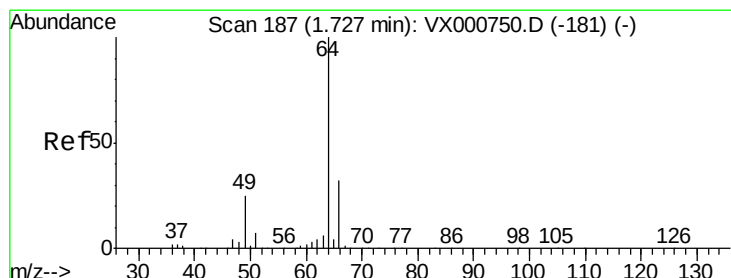
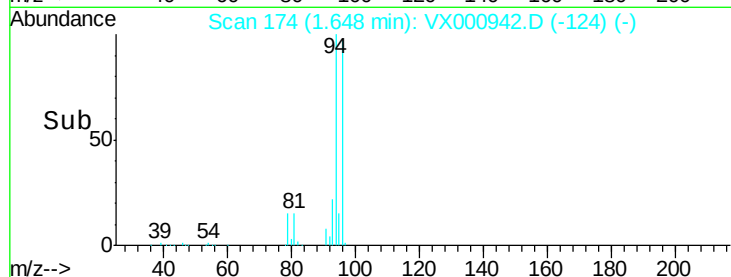
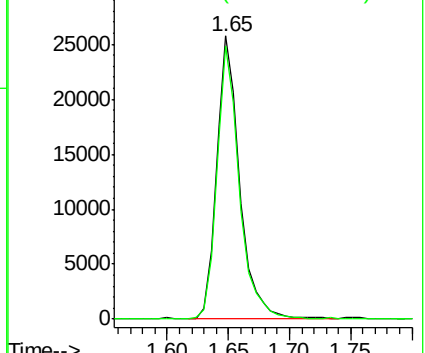
94 100

96 96.7 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: 21.686 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000942.D

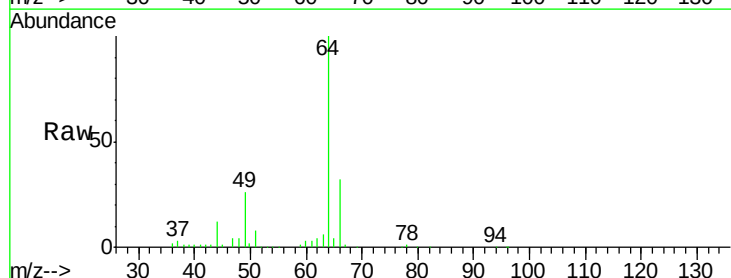
Acq: 17 Apr 2018 02:01

Tgt Ion: 64 Resp: 33049

Ion Ratio Lower Upper

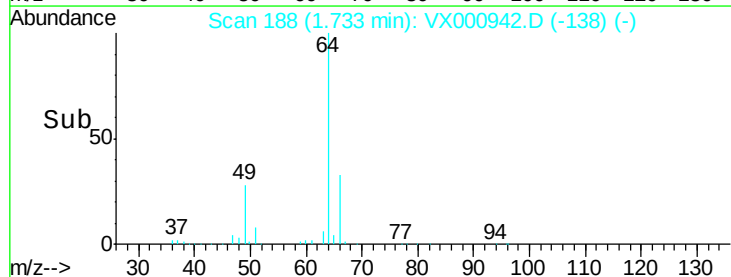
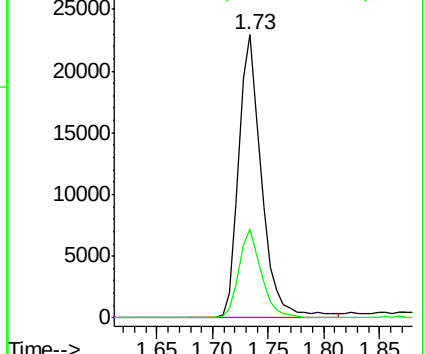
64 100

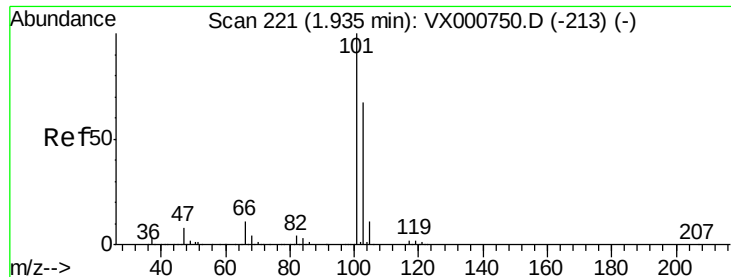
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



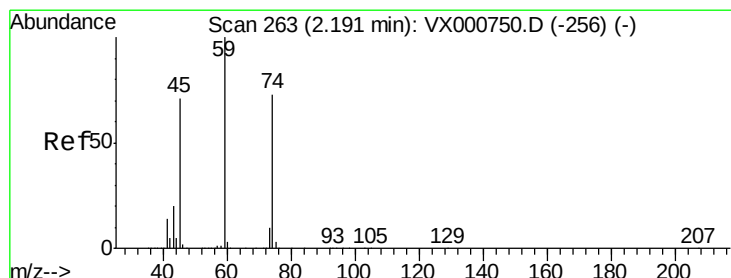
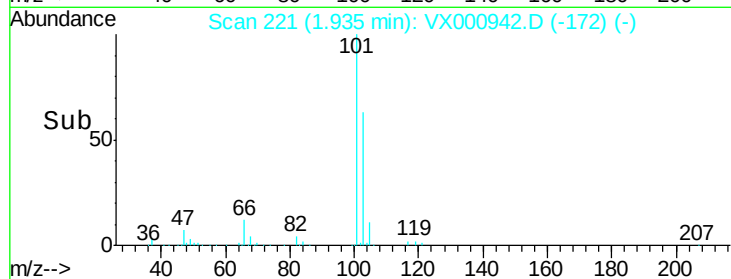
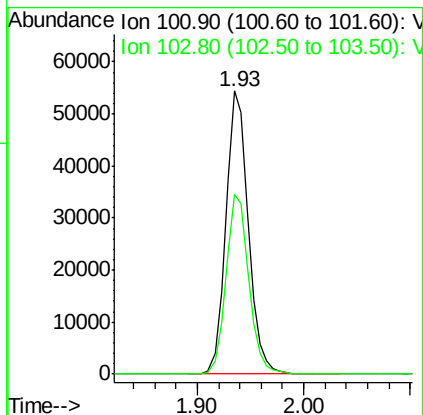
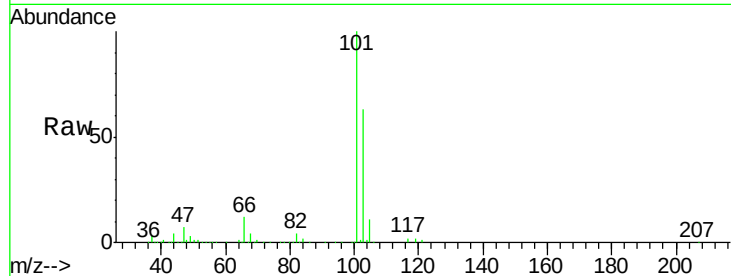


#7

Trichlorofluoromethane
Concen: 21.184 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
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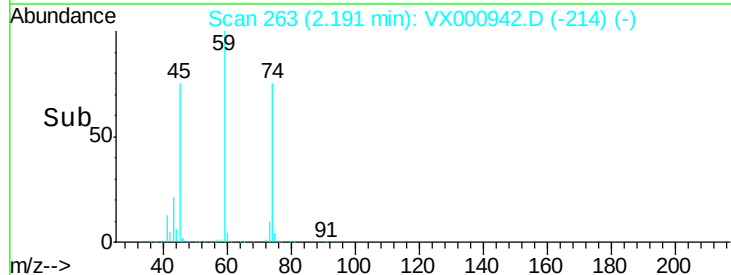
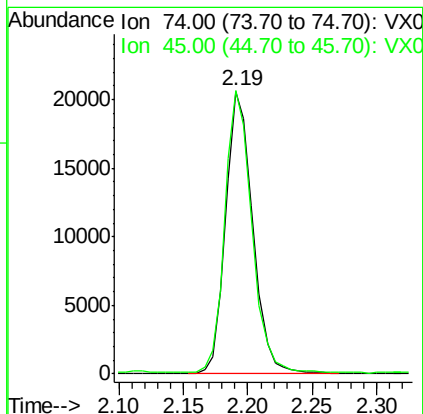
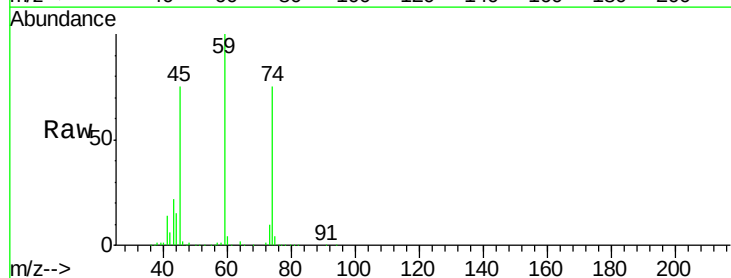
Tot Ion:101 Resp: 80368
Ion Ratio Lower Upper
101 100
103 63.4 53.2 79.8

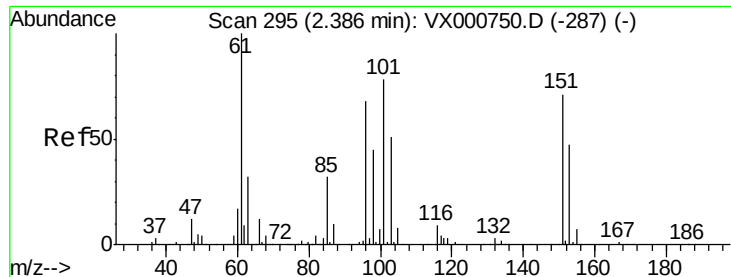


#8

Diethyl Ether
Concen: 21.532 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion: 74 Resp: 30515
Ion Ratio Lower Upper
74 100
45 98.8 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.633 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

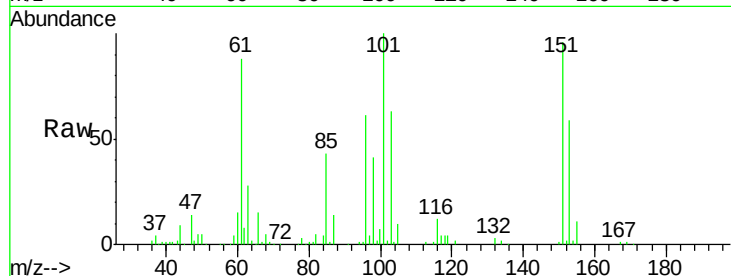
Tot Ion:101 Resp: 46155

Ion Ratio Lower Upper

101 100

85 43.4 34.0 51.0

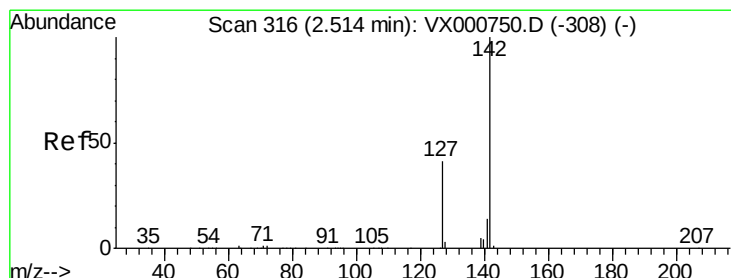
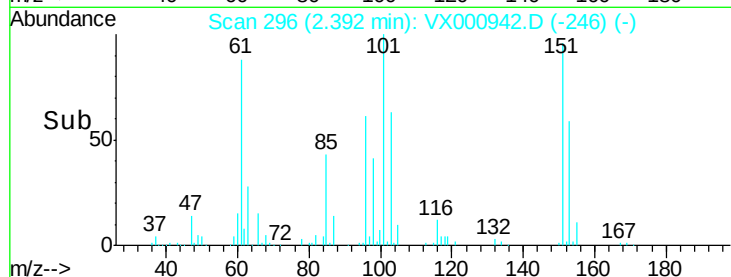
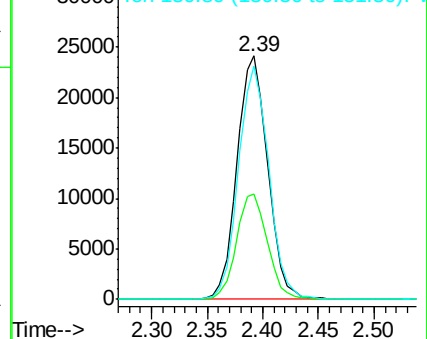
151 94.8 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.990 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

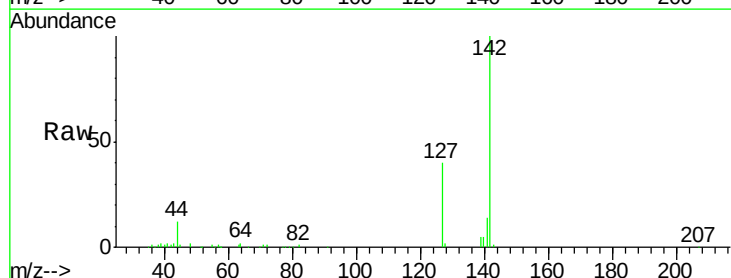
Tgt Ion:142 Resp: 28674

Ion Ratio Lower Upper

142 100

127 41.8 32.6 49.0

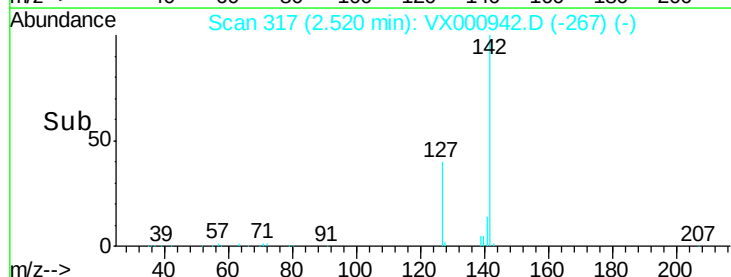
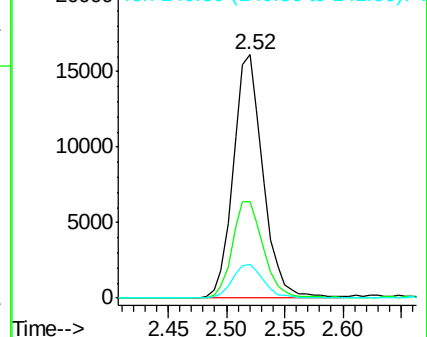
141 14.4 11.5 17.3

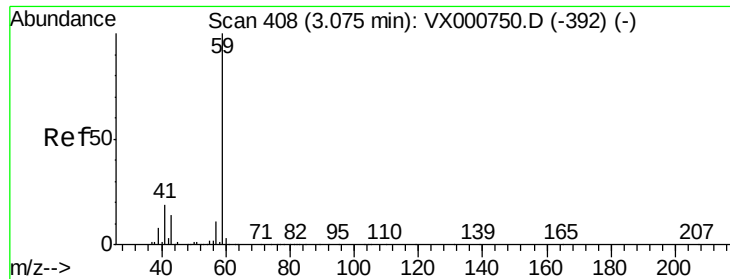


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



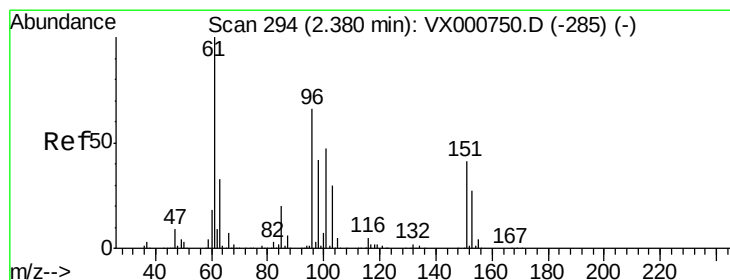
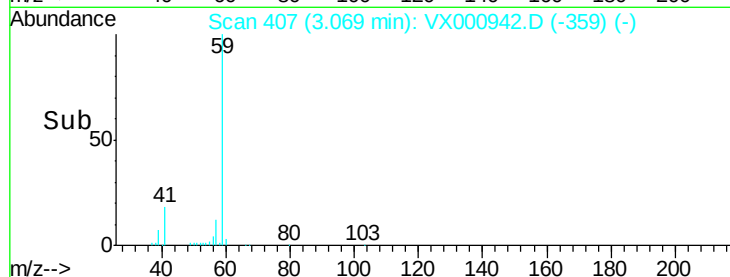
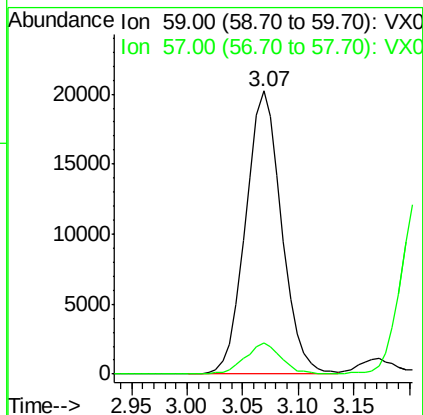
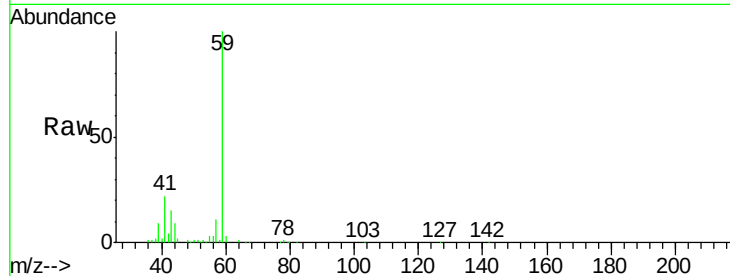


#11

Tert butyl alcohol
 Concen: 87.931 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :

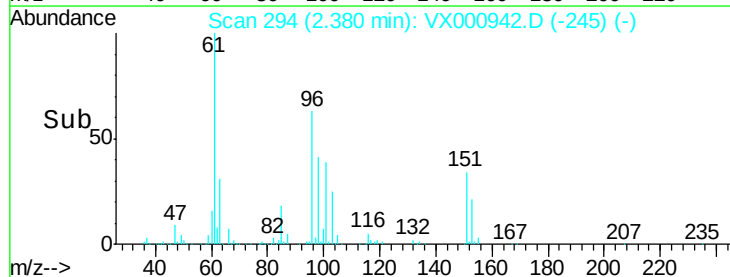
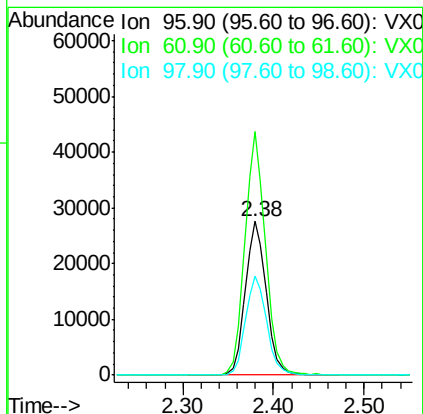
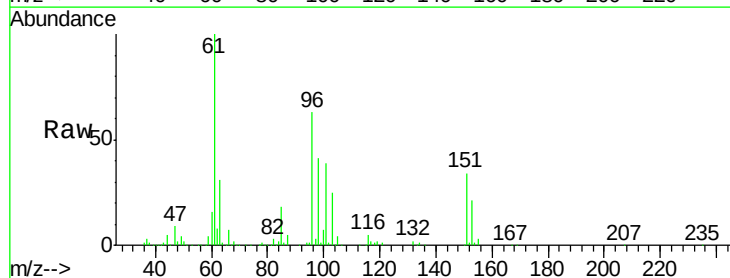
Tot Ion: 59 Resp: 45466
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.4 12.6

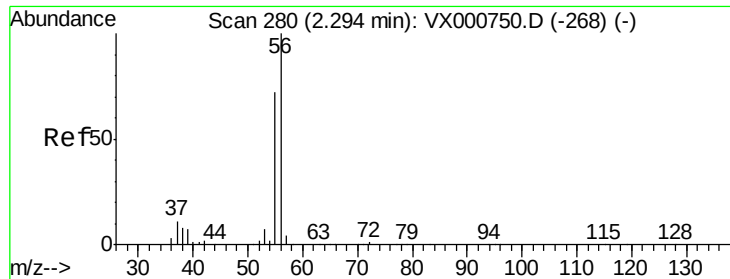


#12

1,1-Dichloroethene
 Concen: 20.732 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion: 96 Resp: 43949
 Ion Ratio Lower Upper
 96 100
 61 158.3 120.5 180.7
 98 64.2 50.9 76.3





#13

Acrolein

Concen: 40.780 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

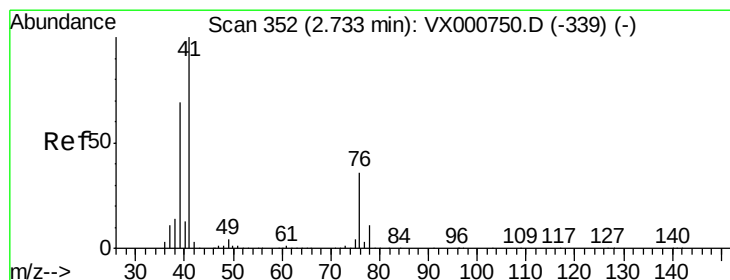
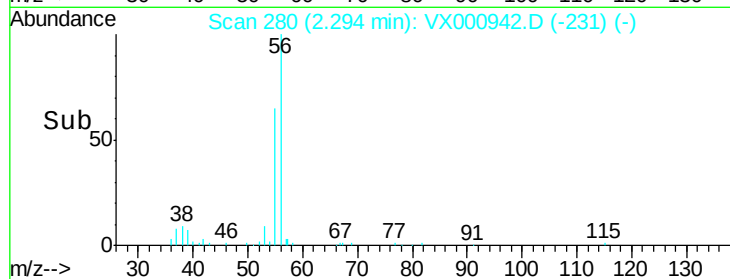
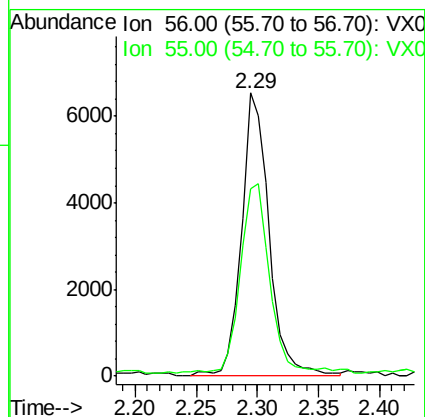
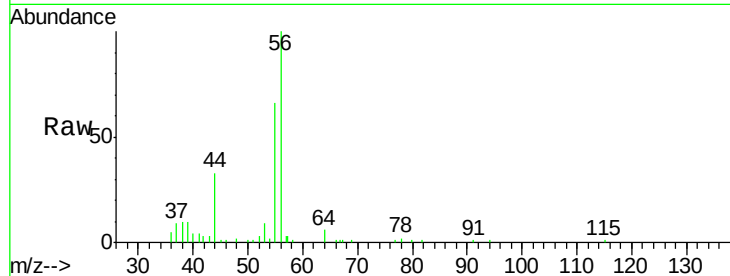
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 10240

Ion Ratio Lower Upper

56 100

55 69.5 58.7 88.1



#14

Allyl chloride

Concen: 20.064 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

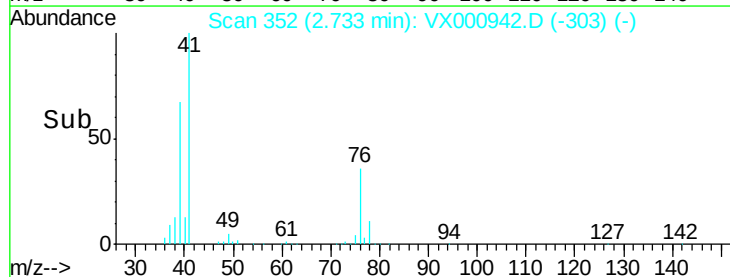
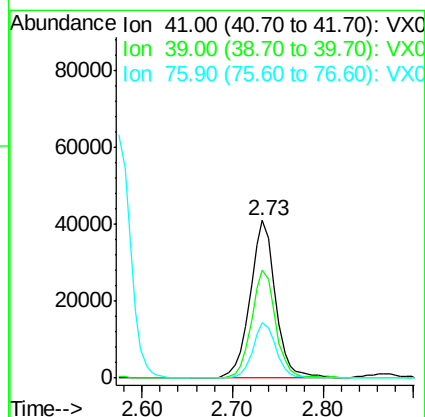
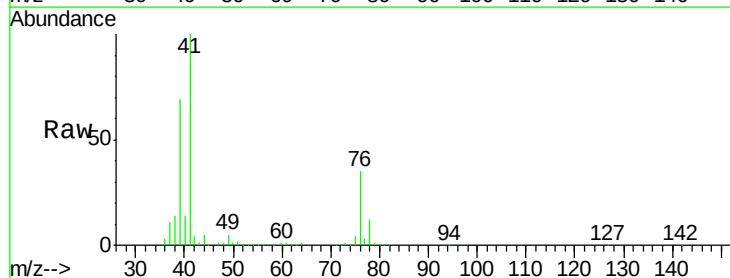
Tgt Ion: 41 Resp: 78647

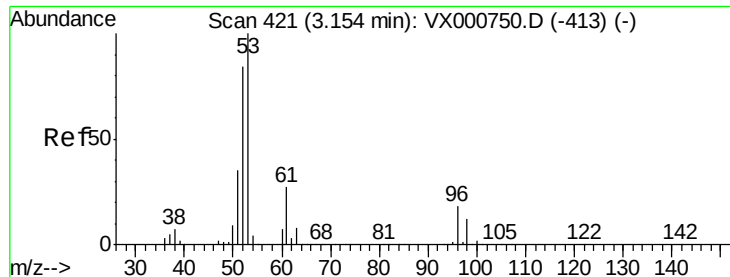
Ion Ratio Lower Upper

41 100

39 65.1 51.5 77.3

76 32.3 26.5 39.7





#15

Acrylonitrile

Concen: 109.574 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

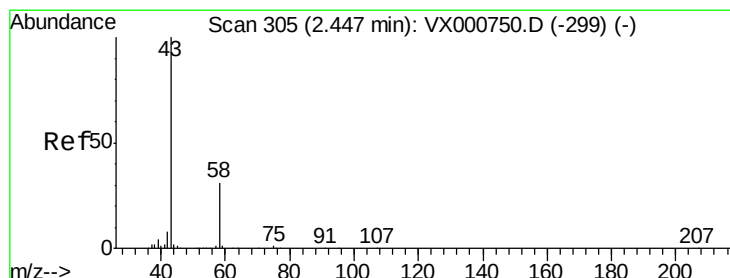
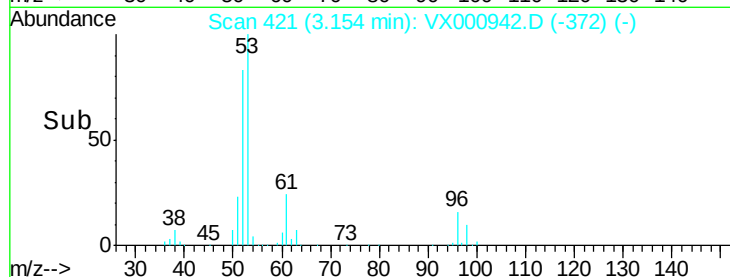
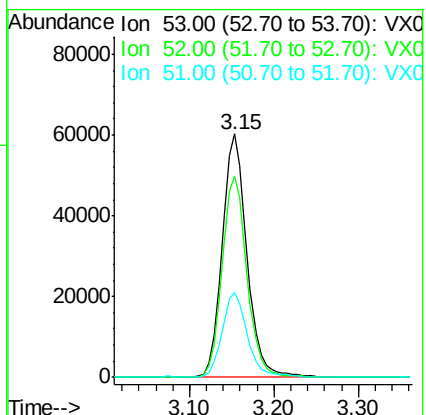
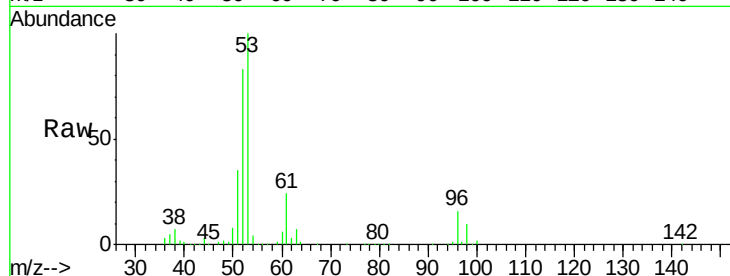
Tot Ion: 53 Resp: 120793

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

51 36.0 28.8 43.2



#16

Acetone

Concen: 97.795 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX000942.D

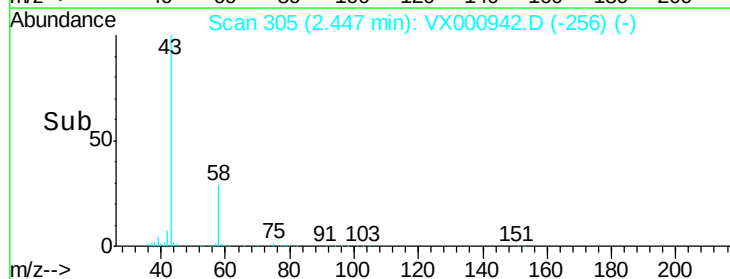
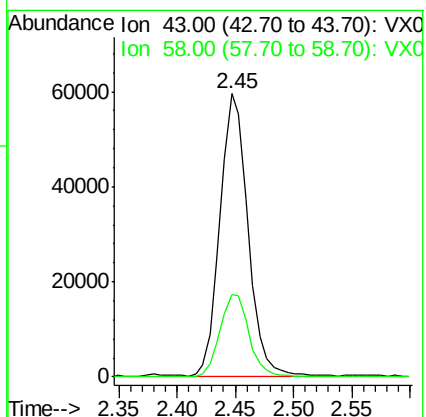
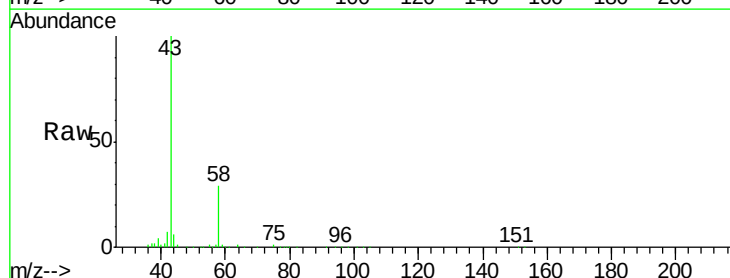
Acq: 17 Apr 2018 02:01

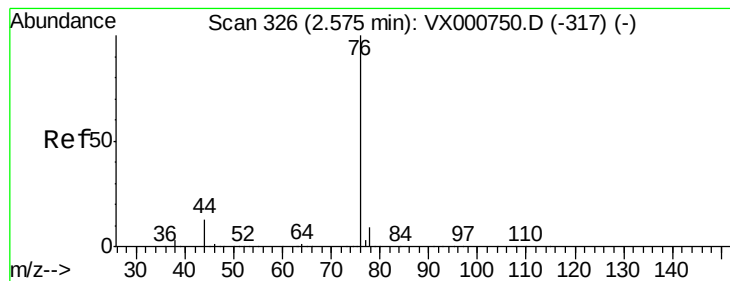
Tgt Ion: 43 Resp: 98217

Ion Ratio Lower Upper

43 100

58 29.0 24.6 37.0





#17

Carbon Disulfide

Concen: 16.218 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

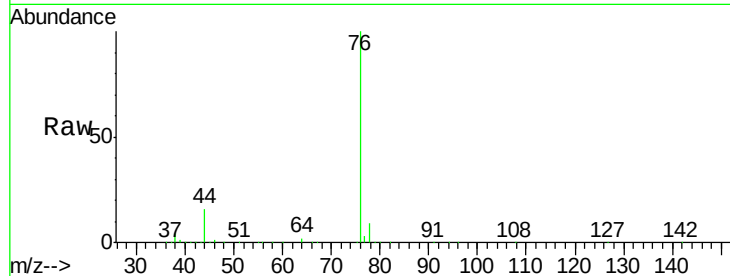
ClientSampled :

Tot Ion: 76 Resp: 104106

Ion Ratio Lower Upper

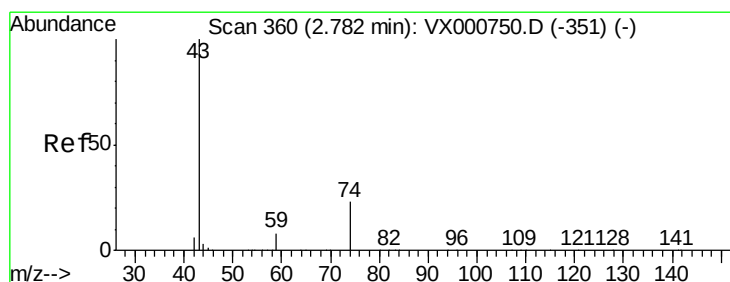
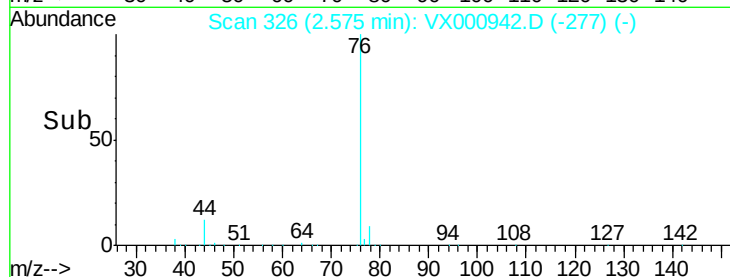
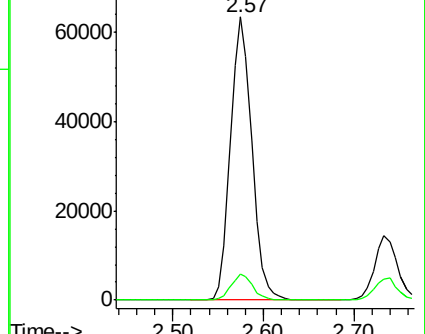
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.727 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000942.D

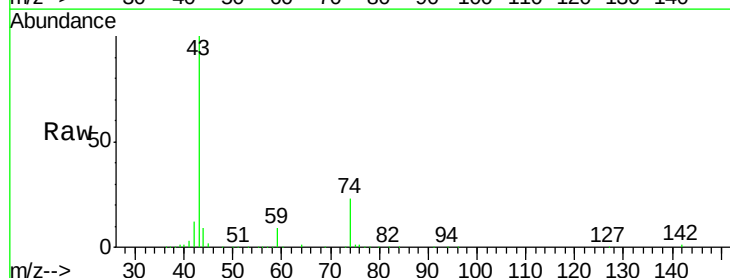
Acq: 17 Apr 2018 02:01

Tgt Ion: 43 Resp: 61667

Ion Ratio Lower Upper

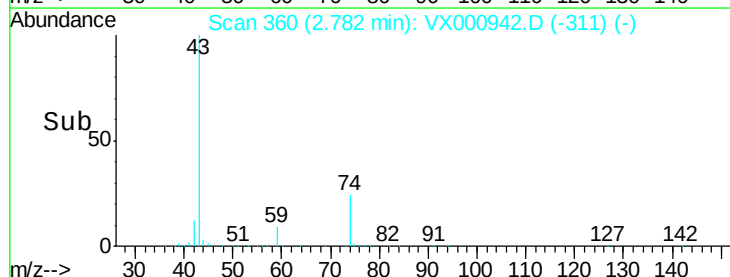
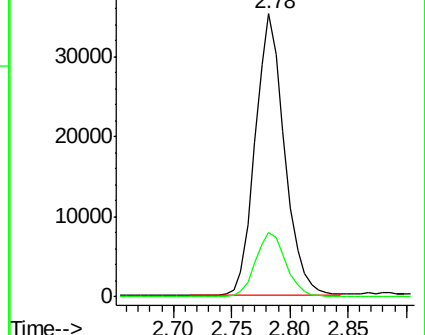
43 100

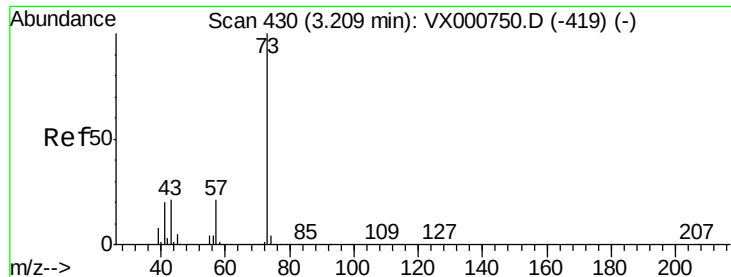
74 23.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



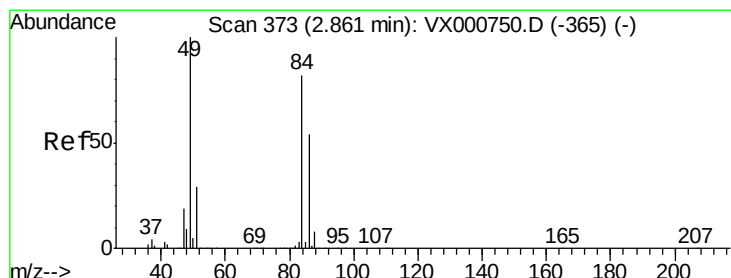
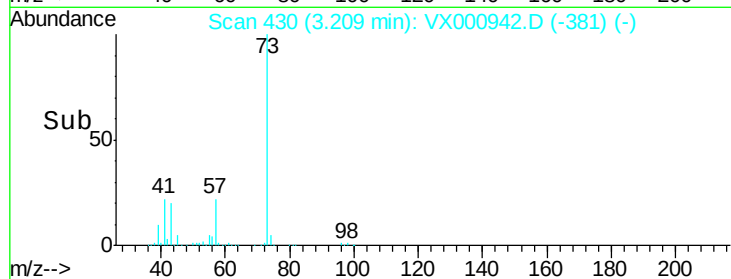
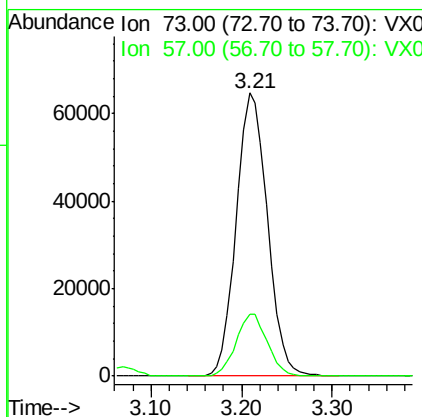
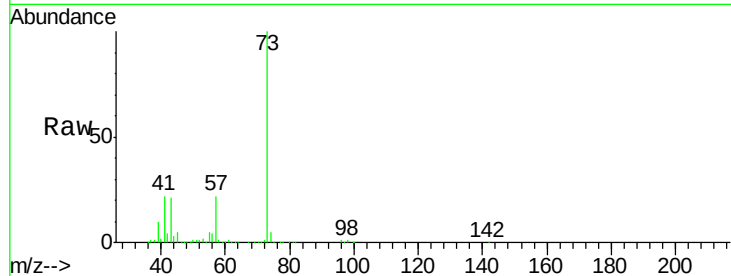


#19

Methyl tert-butyl Ether
 Concen: 21.911 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :

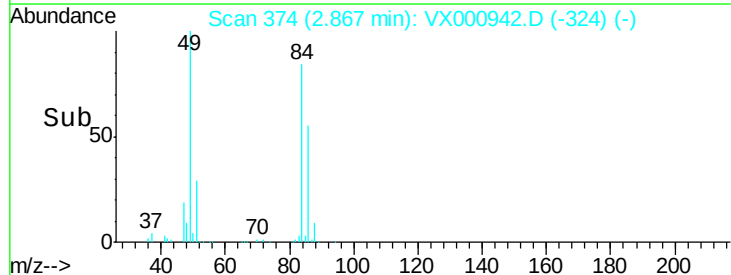
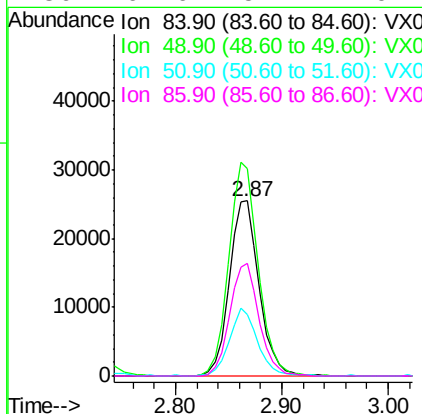
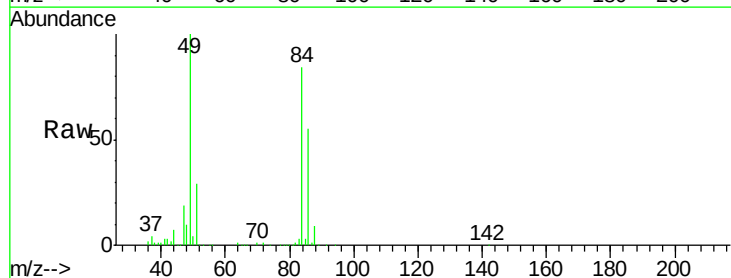
Tot Ion: 73 Resp: 154712
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.9 25.3

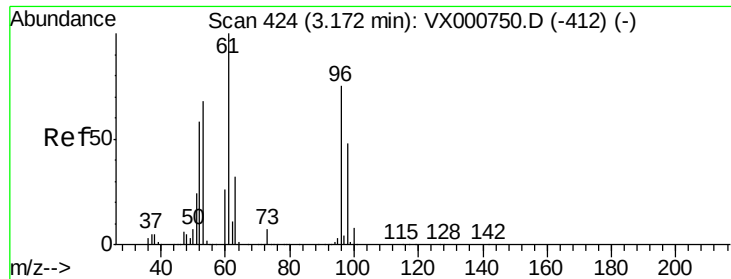


#20

Methylene Chloride
 Concen: 21.304 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion: 84 Resp: 49765
 Ion Ratio Lower Upper
 84 100
 49 118.4 98.1 147.1
 51 34.5 28.9 43.3
 86 64.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.617 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

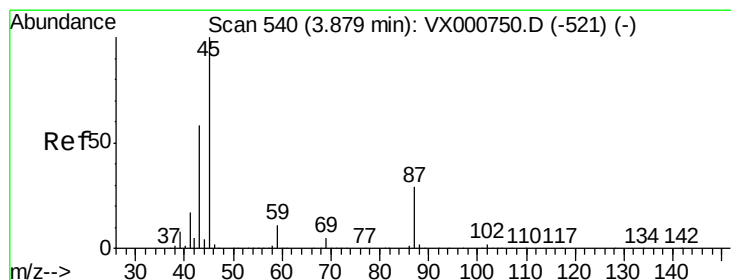
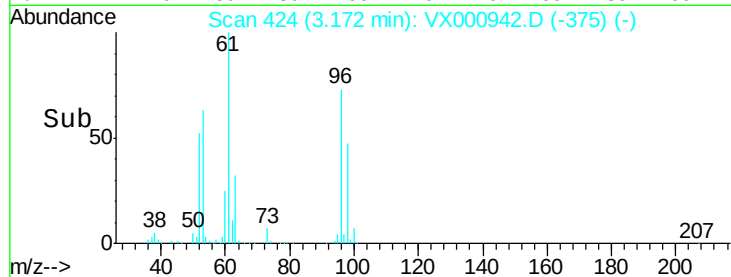
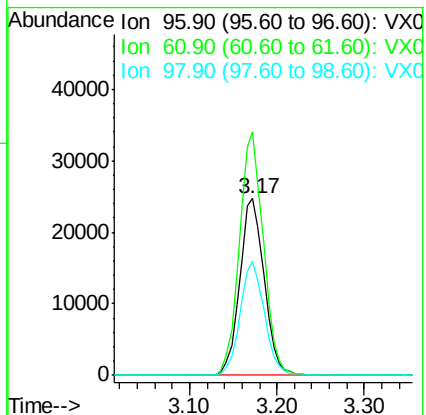
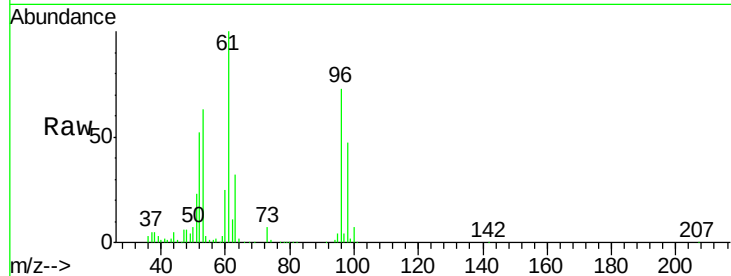
Tot Ion: 96 Resp: 48196

Ion Ratio Lower Upper

96 100

61 137.7 106.2 159.2

98 65.0 51.2 76.8



#22

Diisopropyl ether

Concen: 22.517 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion: 45 Resp: 162210

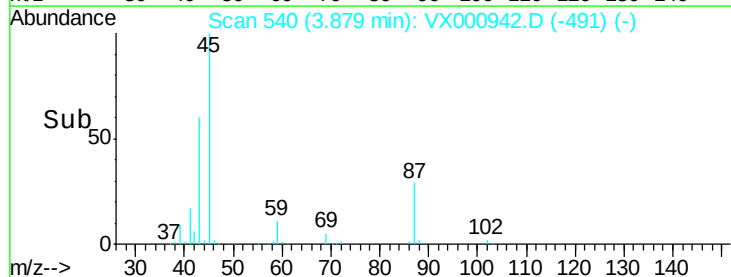
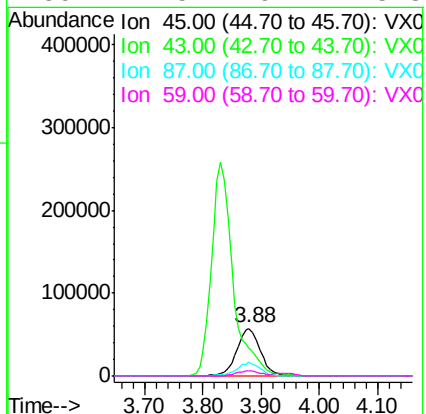
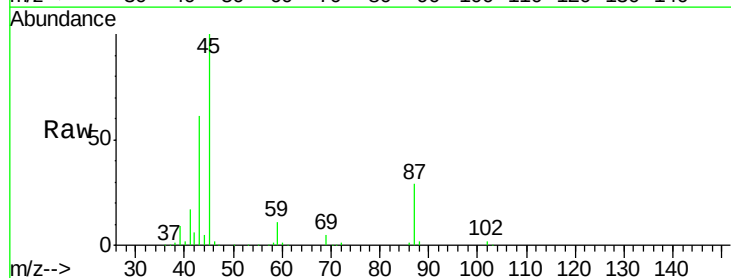
Ion Ratio Lower Upper

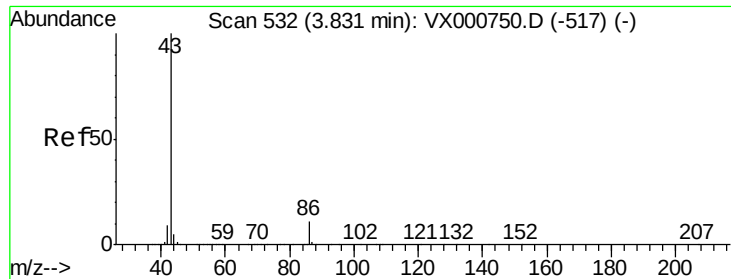
45 100

43 60.0 46.6 69.8

87 28.5 22.9 34.3

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 105.515 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

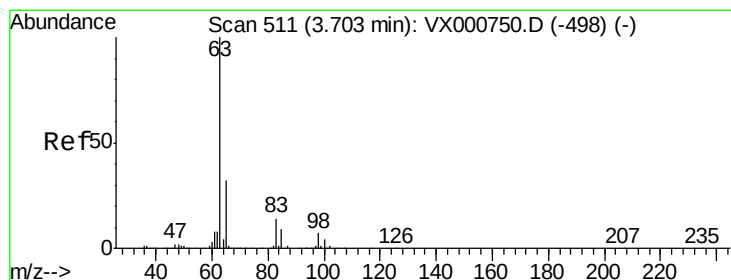
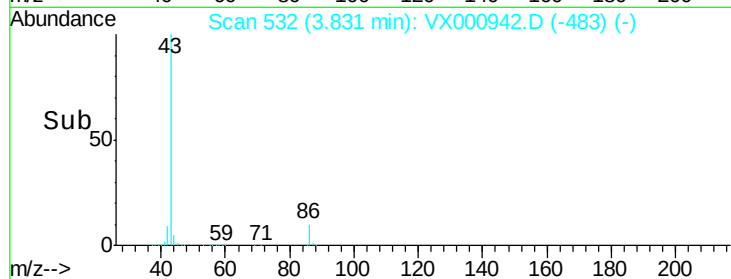
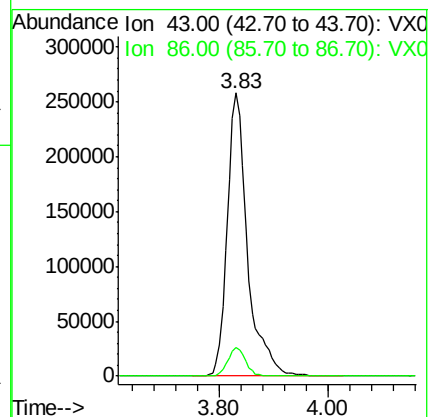
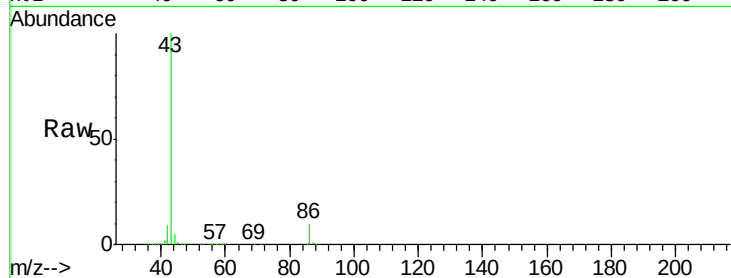
ClientSampled :

Tot Ion: 43 Resp: 667366

Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8



#24

1,1-Dichloroethane

Concen: 22.191 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

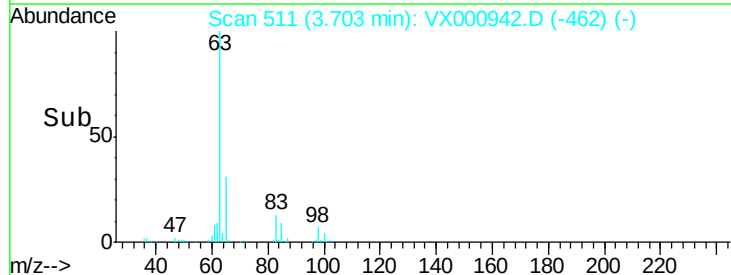
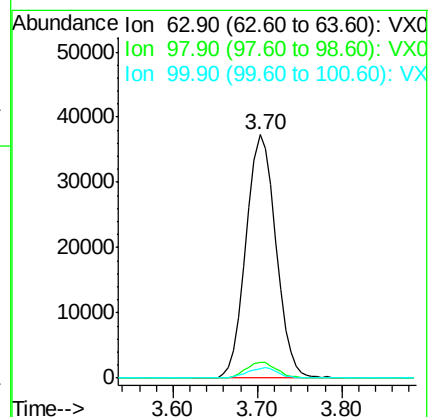
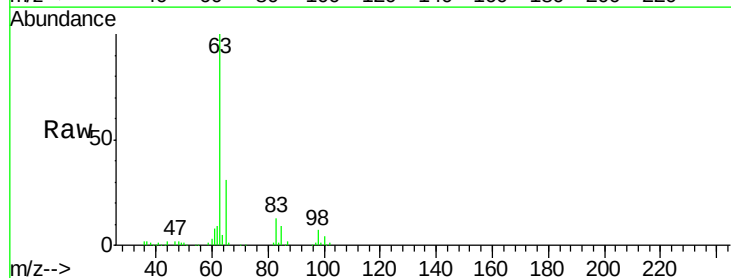
Tgt Ion: 63 Resp: 89702

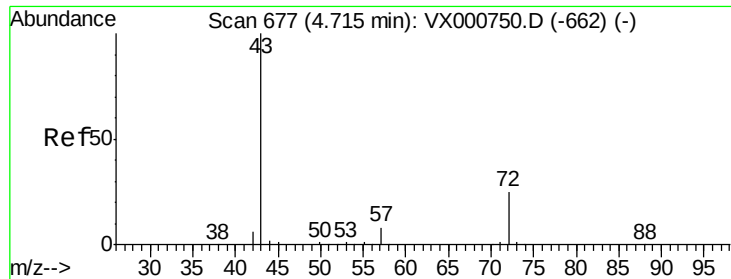
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 101.835 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

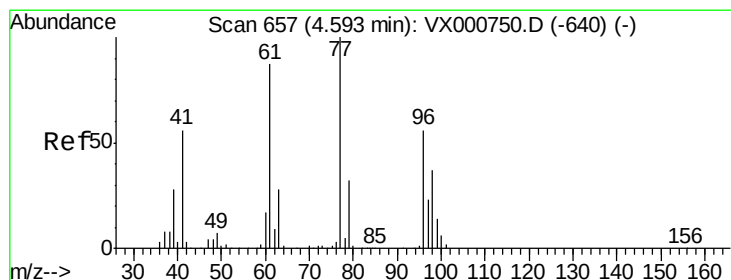
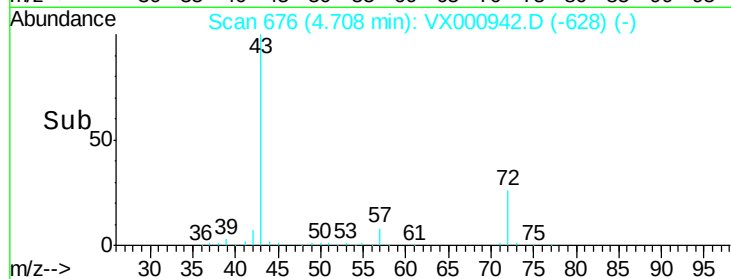
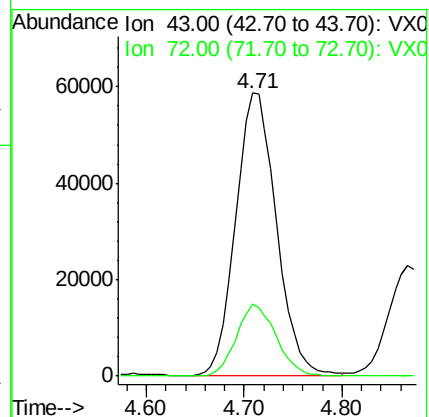
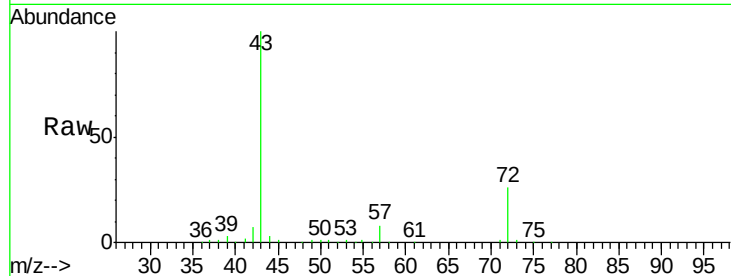
ClientSampleId :

Tot Ion: 43 Resp: 168893

Ion Ratio Lower Upper

43 100

72 25.6 20.3 30.5



#26

2,2-Dichloropropane

Concen: 15.710 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000942.D

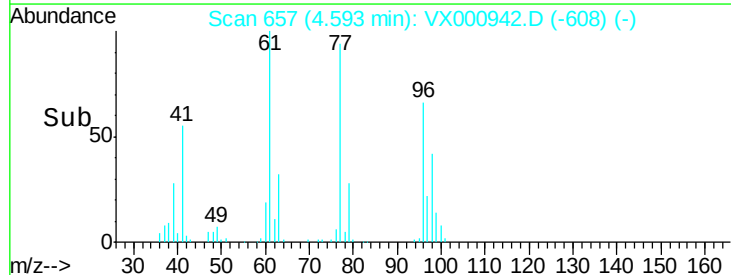
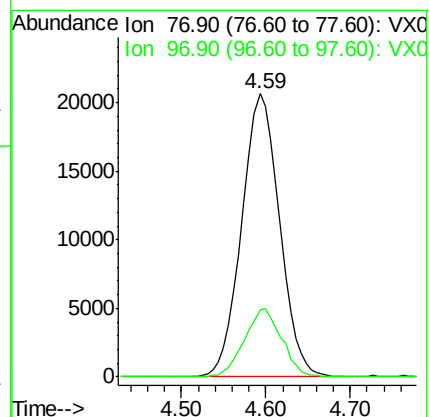
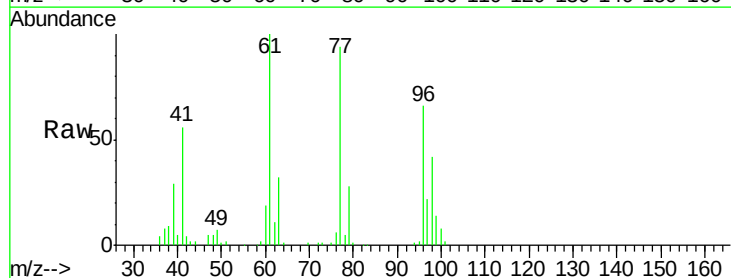
Acq: 17 Apr 2018 02:01

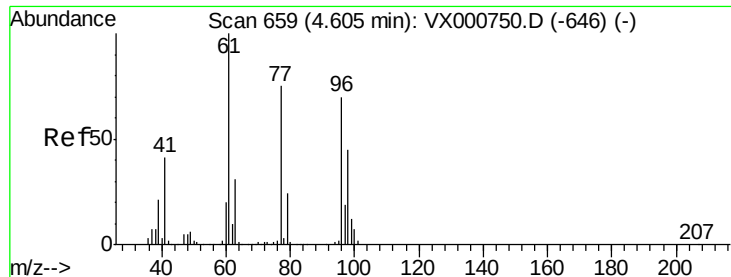
Tgt Ion: 77 Resp: 63032

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4



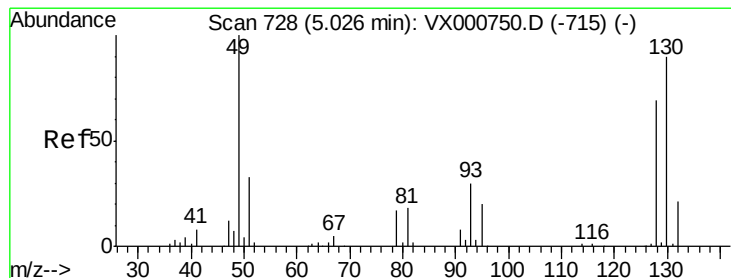
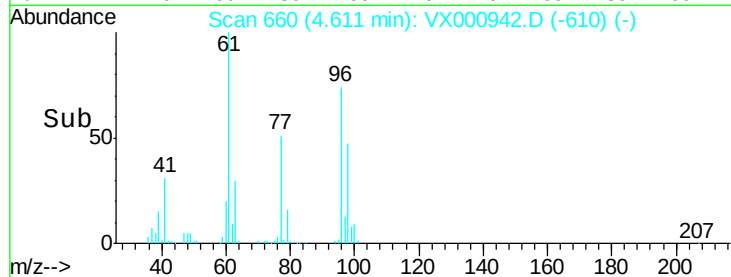
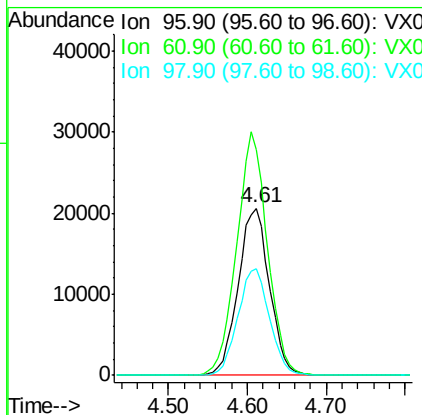
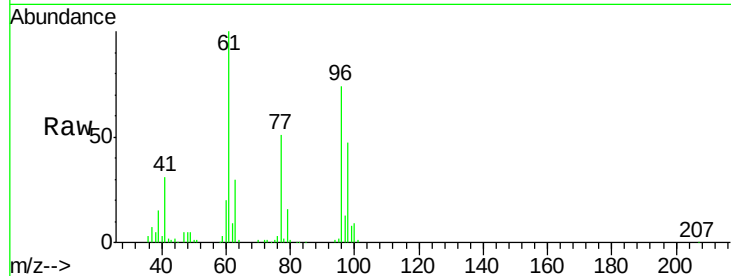


#27

cis-1,2-Dichloroethene
Concen: 21.441 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampled :

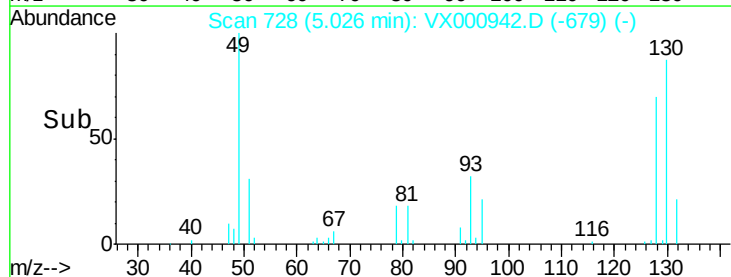
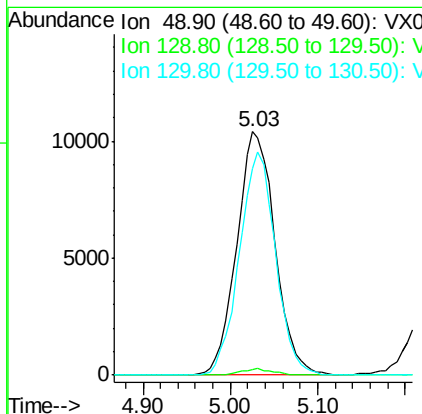
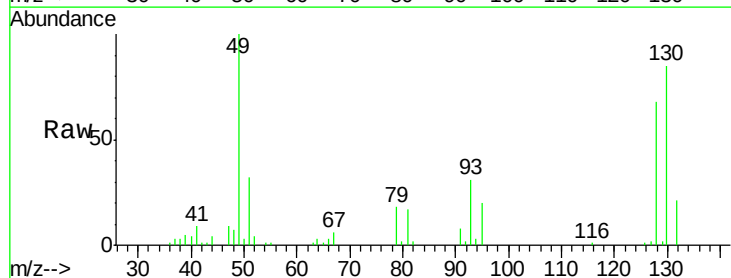
Tot Ion: 96 Resp: 56883
Ion Ratio Lower Upper
96 100
61 142.9 0.0 292.4
98 64.6 0.0 130.2

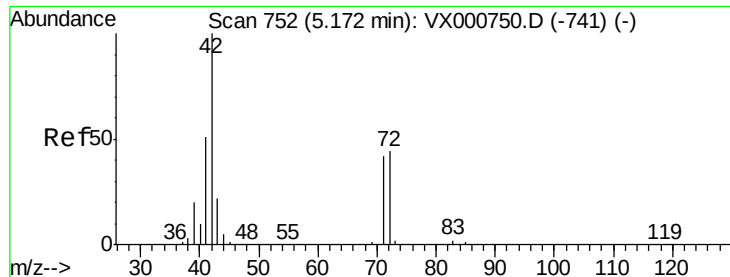


#28

Bromochloromethane
Concen: 19.397 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion: 49 Resp: 31573
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.2
130 86.5 72.6 109.0

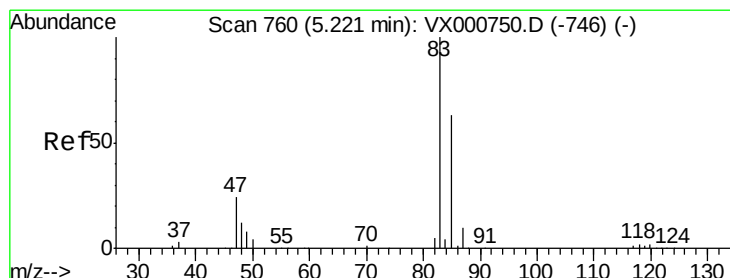
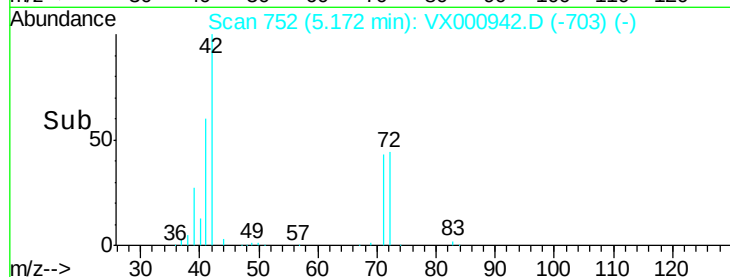
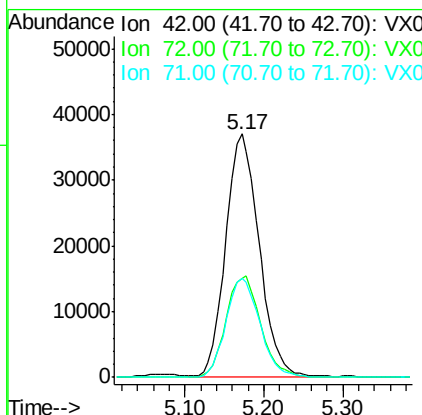
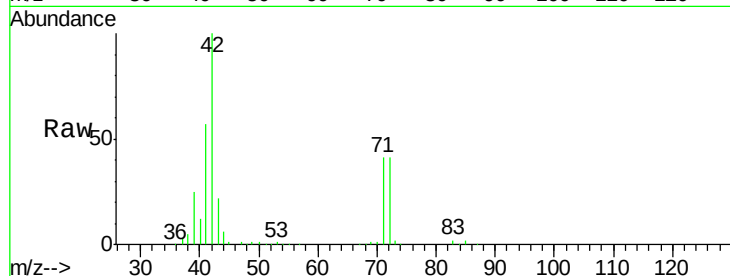




#29
Tetrahydrofuran
Concen: 103.313 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

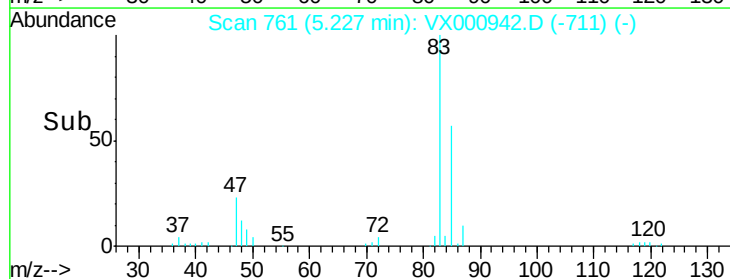
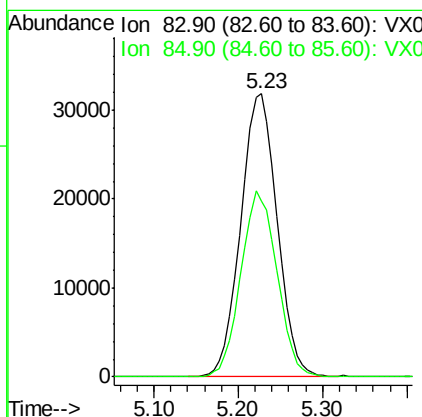
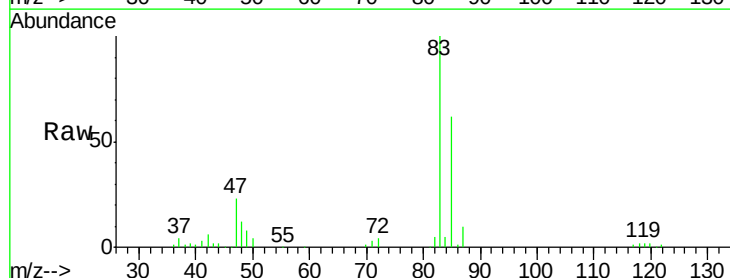
Instrument :
MSVOA_X
ClientSampled :

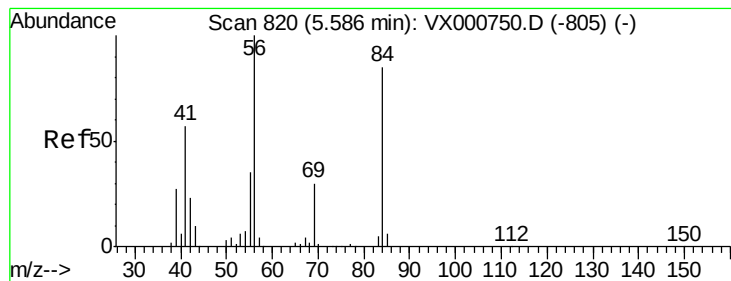
Tot Ion: 42 Resp: 108794
Ion Ratio Lower Upper
42 100
72 43.5 35.1 52.7
71 41.4 32.8 49.2



#30
Chloroform
Concen: 21.799 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion: 83 Resp: 93294
Ion Ratio Lower Upper
83 100
85 62.3 50.7 76.1





#31

Cyclohexane

Concen: 20.035 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :

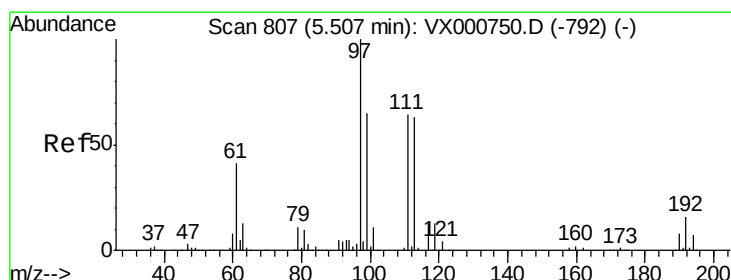
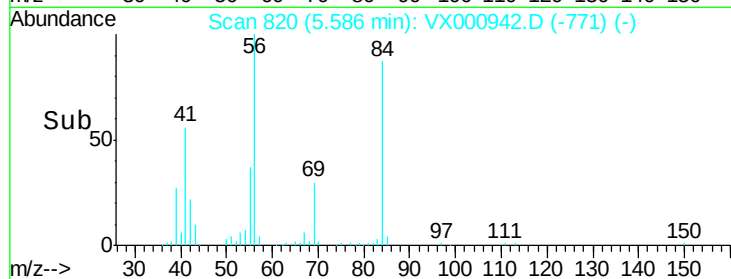
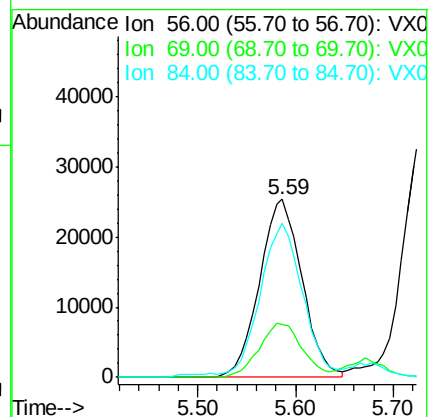
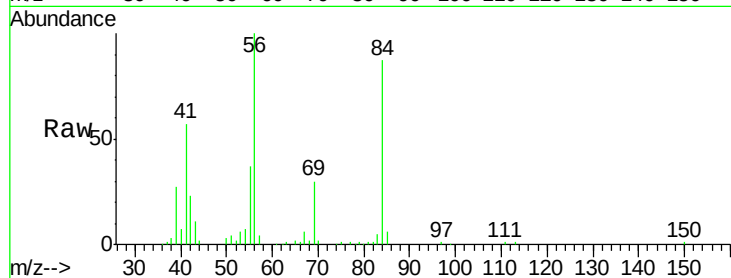
Tot Ion: 56 Resp: 76913

Ion Ratio Lower Upper

56 100

69 29.7 24.2 36.4

84 85.3 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 20.487 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

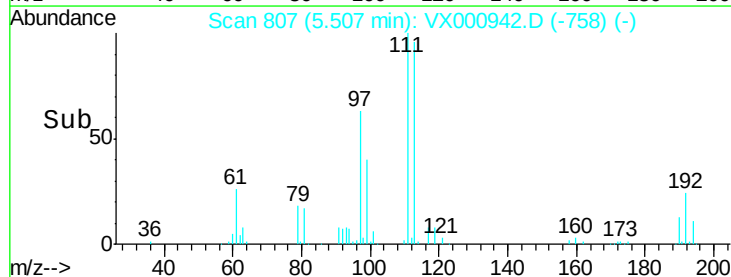
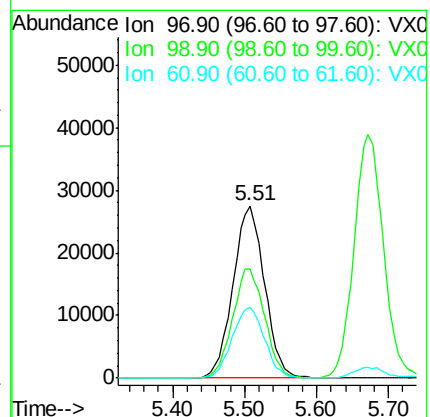
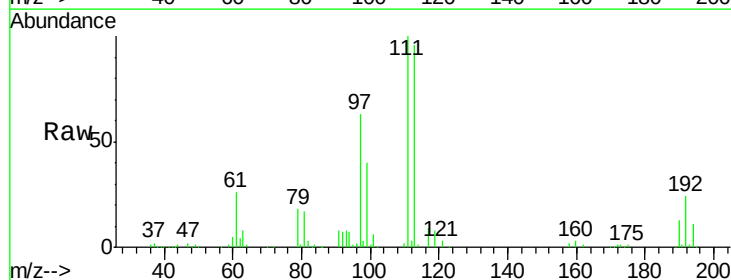
Tgt Ion: 97 Resp: 83534

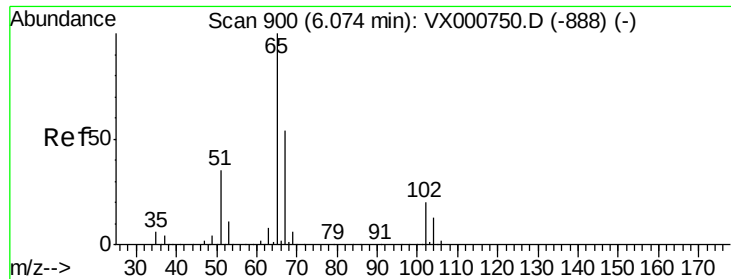
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 42.3 33.7 50.5

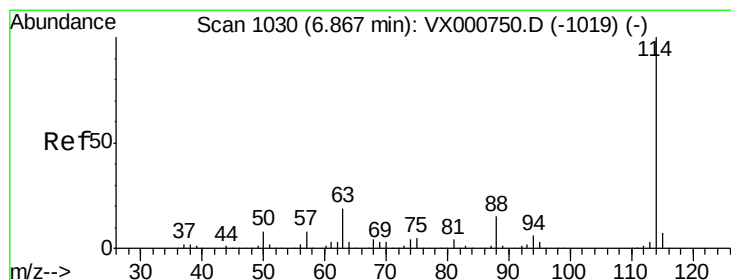
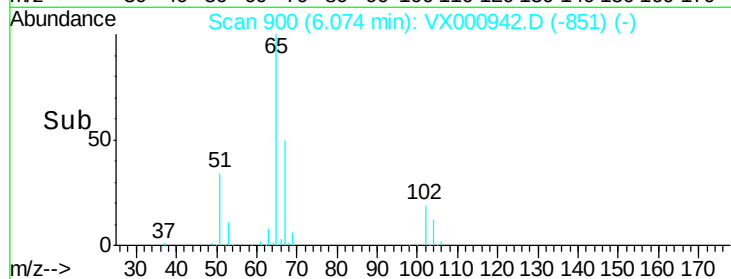
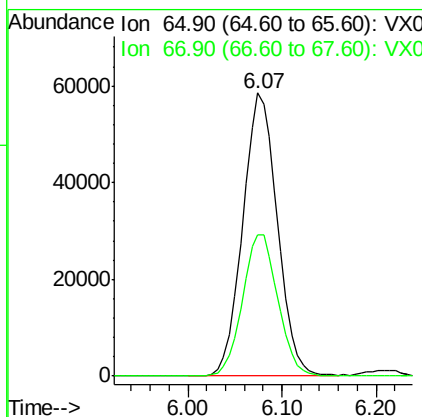
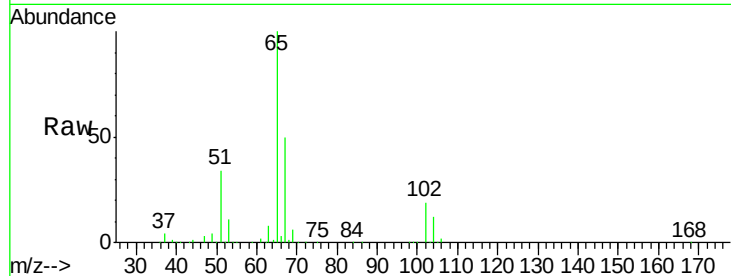




#33
 1,2-Dichloroethane-d4
 Concen: 51.784 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

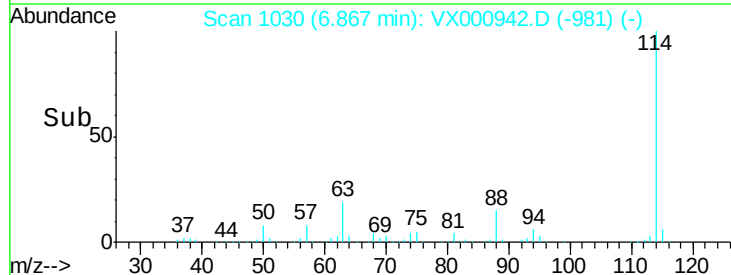
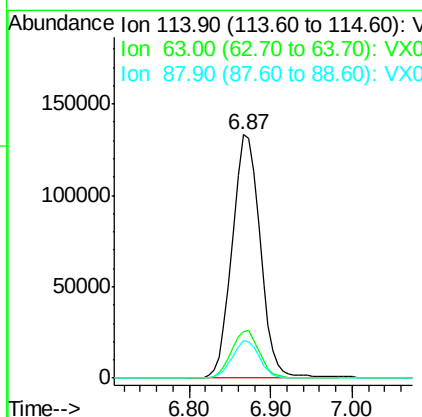
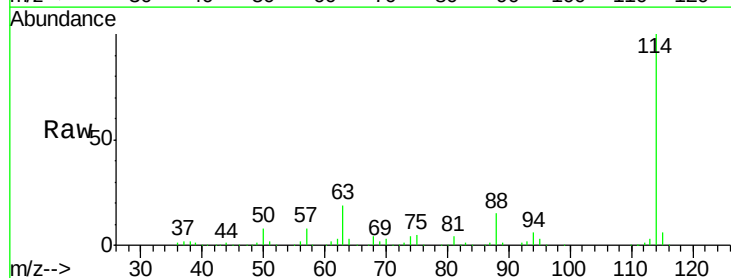
Instrument :
 MSVOA_X
 ClientSampleId :

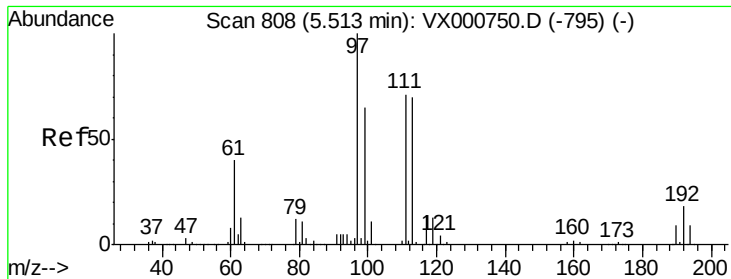
Tot Ion: 65 Resp: 150812
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion: 114 Resp: 317394
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.663 ug/l

RT: 5.51 min Scan# 808

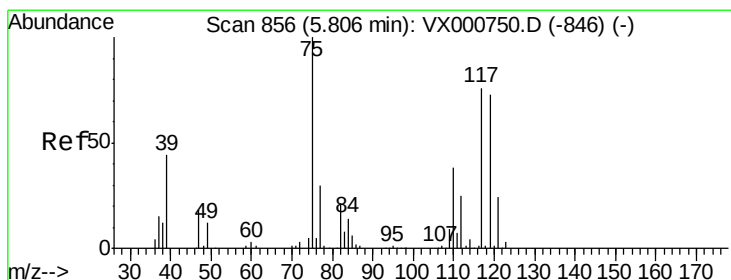
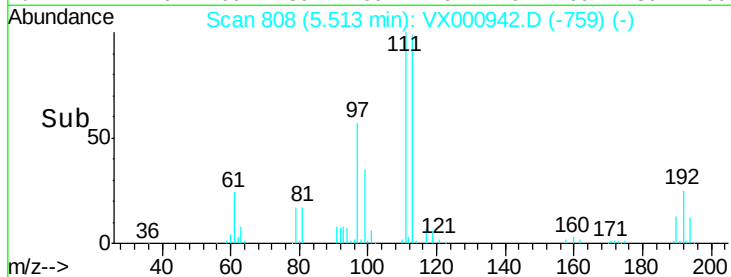
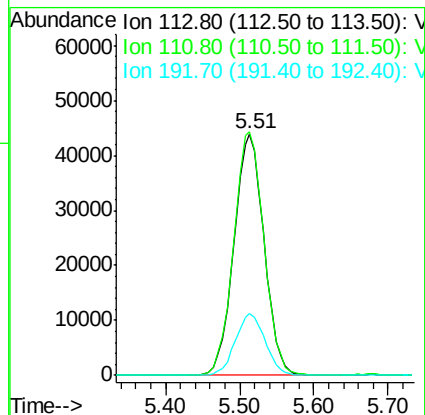
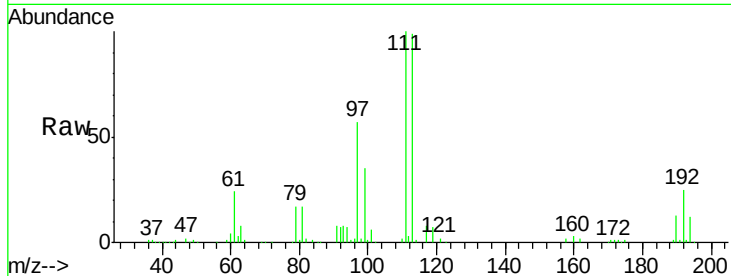
Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:113 Resp: 123888
Ion Ratio Lower Upper
113 100
111 101.6 81.5 122.3
192 25.3 20.4 30.6



#36

1,1-Dichloropropene

Concen: 19.640 ug/l

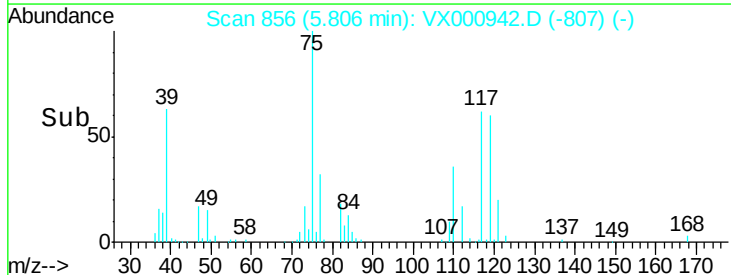
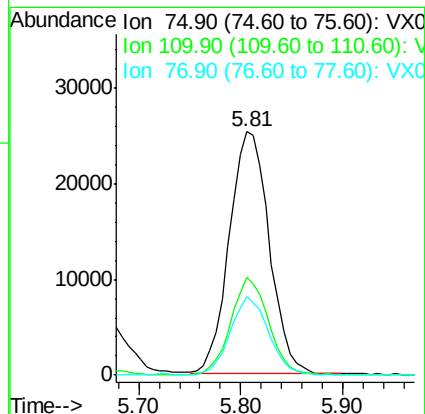
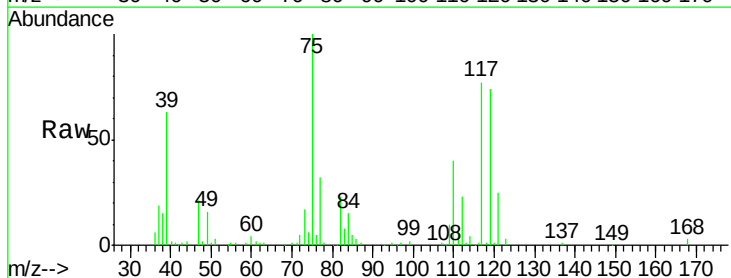
RT: 5.81 min Scan# 856

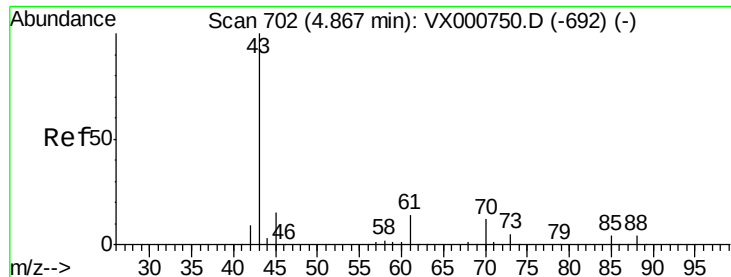
Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion: 75 Resp: 68653
Ion Ratio Lower Upper
75 100
110 38.3 19.2 57.6
77 31.3 25.4 38.2

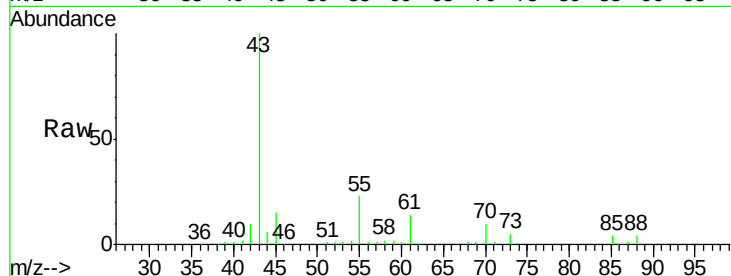




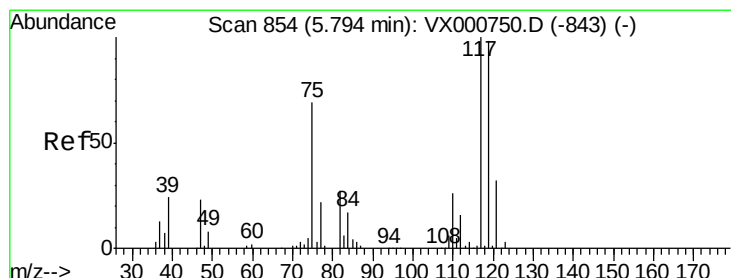
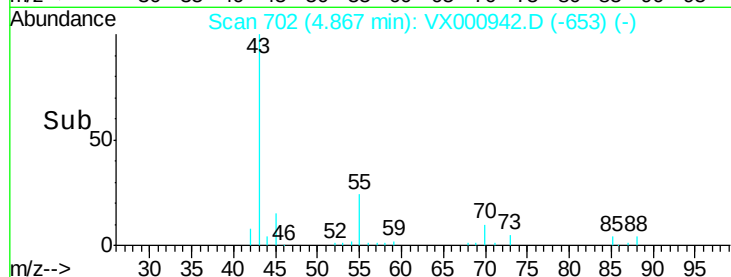
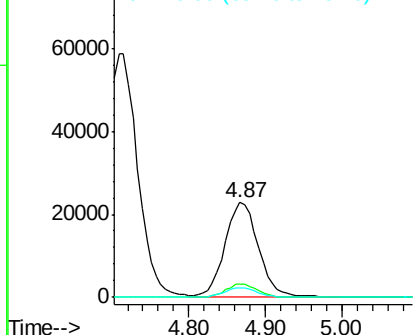
#37
Ethyl Acetate
Concen: 19.998 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 68243
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.5 8.7 13.1

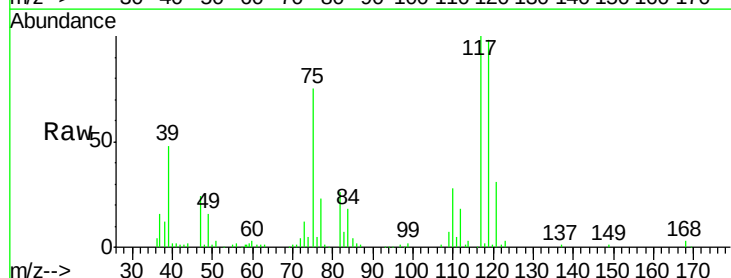


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

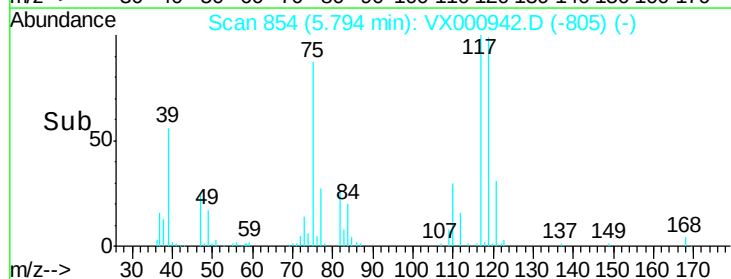
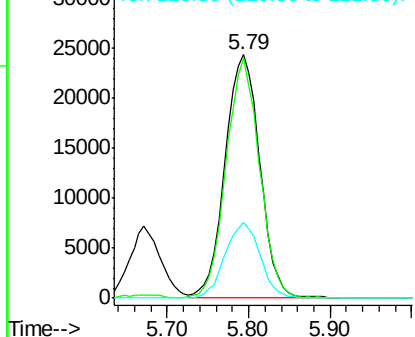


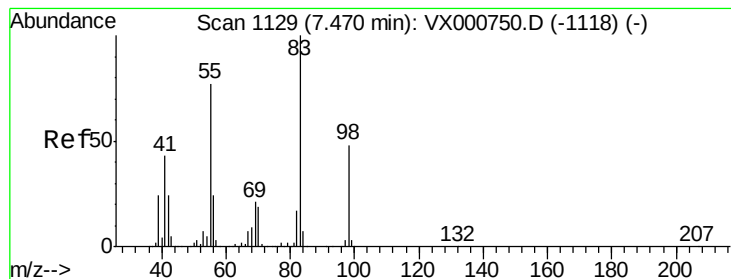
#38
Carbon Tetrachloride
Concen: 18.391 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion: 117 Resp: 71954
Ion Ratio Lower Upper
117 100
119 98.2 78.4 117.6
121 31.1 25.4 38.0



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





#39

Methylvlcyclohexane

Concen: 18.164 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampled :

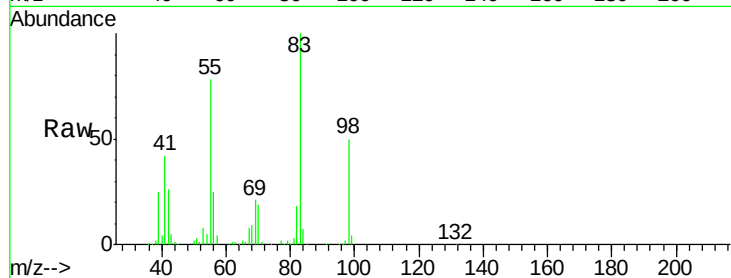
Tot Ion: 83 Resp: 76247

Ion Ratio Lower Upper

83 100

55 77.7 61.5 92.3

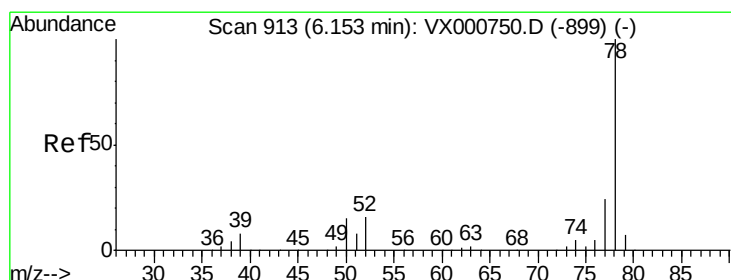
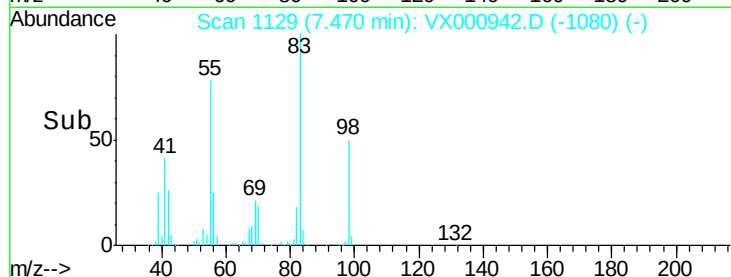
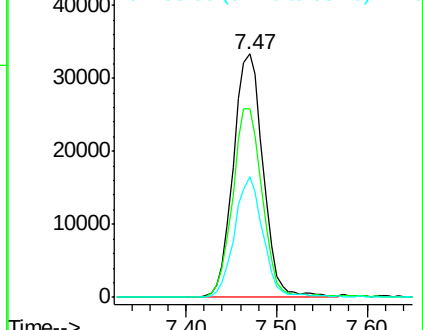
98 49.7 38.1 57.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 20.844 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000942.D

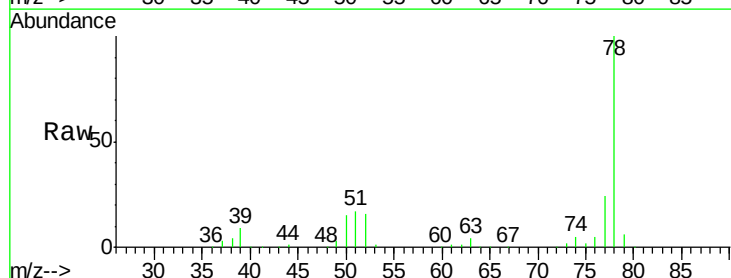
Acq: 17 Apr 2018 02:01

Tgt Ion: 78 Resp: 202447

Ion Ratio Lower Upper

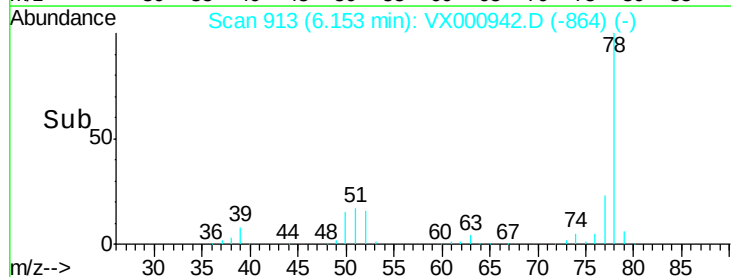
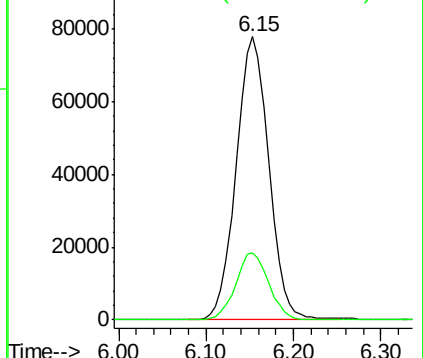
78 100

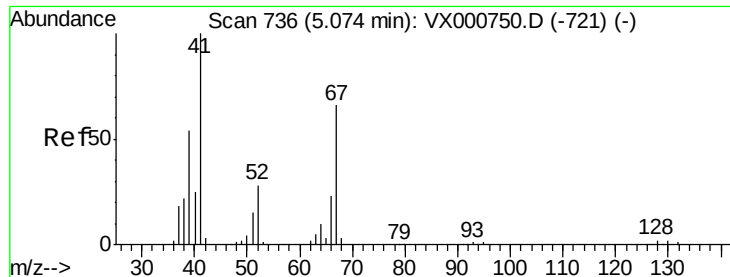
77 23.7 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

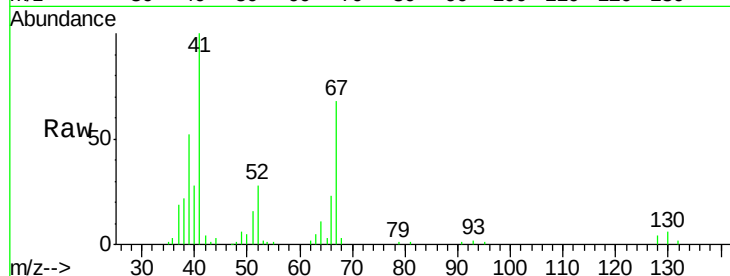




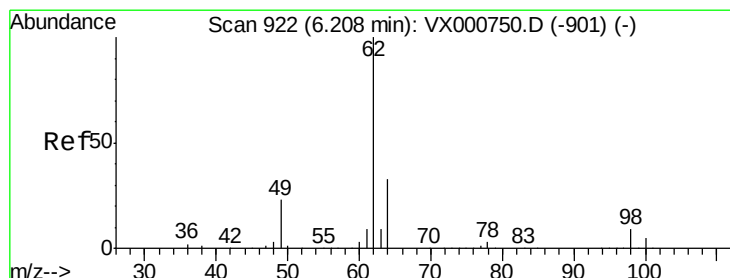
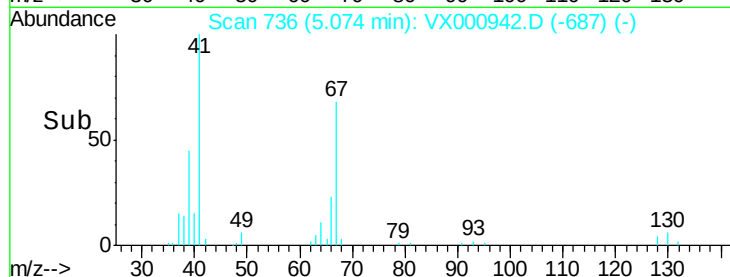
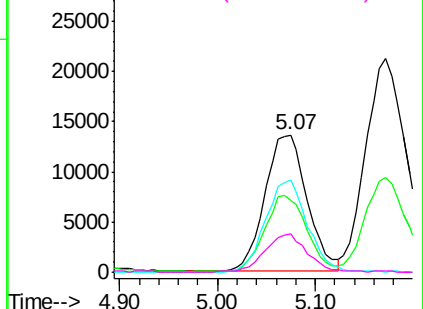
#41
Methacrylonitrile
Concen: 20.852 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	41108
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.9	67.3
67	66.9	54.7	82.1
52	28.3	23.0	34.6

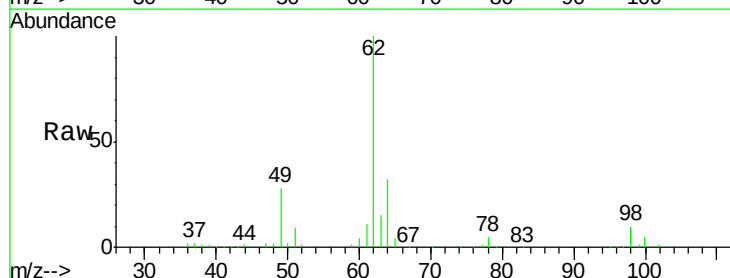


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

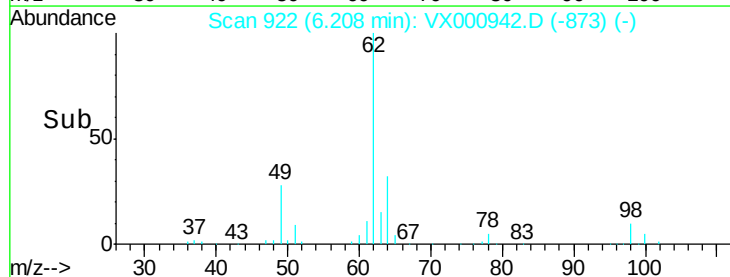
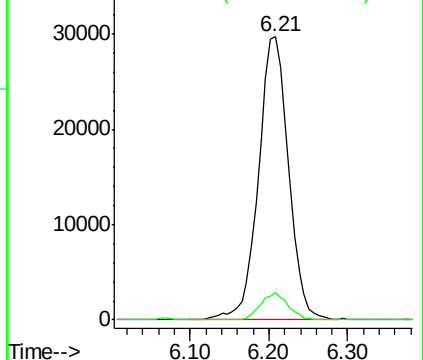


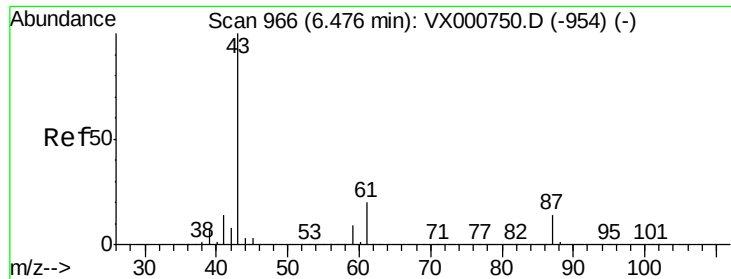
#42
1,2-Dichloroethane
Concen: 21.716 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion:	62	Resp:	78773
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 19.570 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

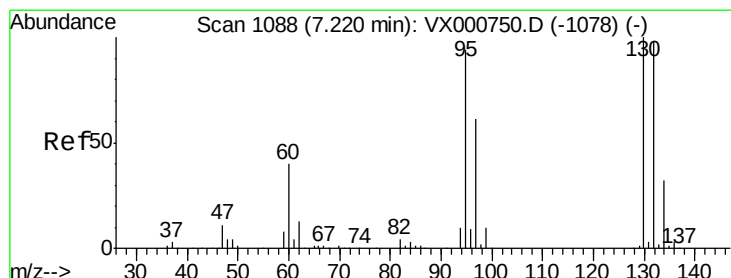
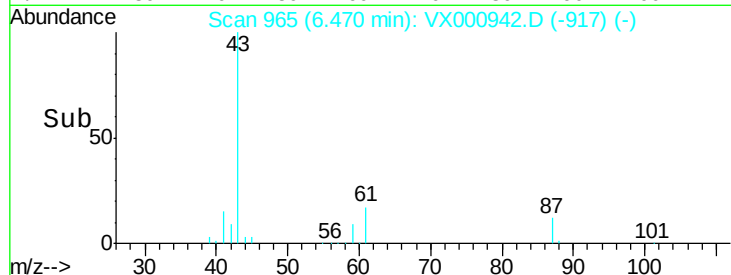
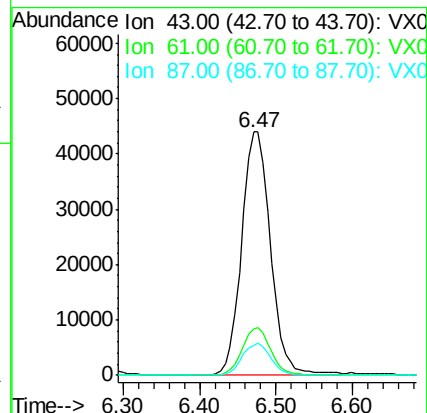
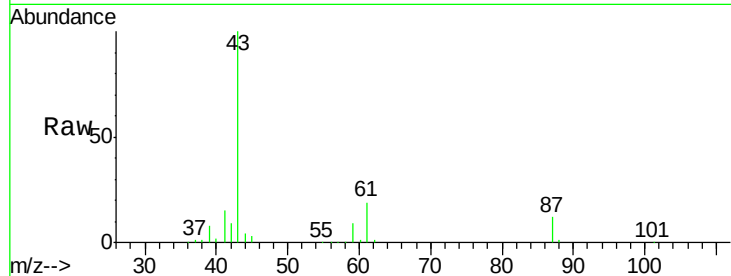
Tot Ion: 43 Resp: 114492

Ion Ratio Lower Upper

43 100

61 19.5 15.6 23.4

87 13.2 10.7 16.1



#44

Trichloroethene

Concen: 20.450 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000942.D

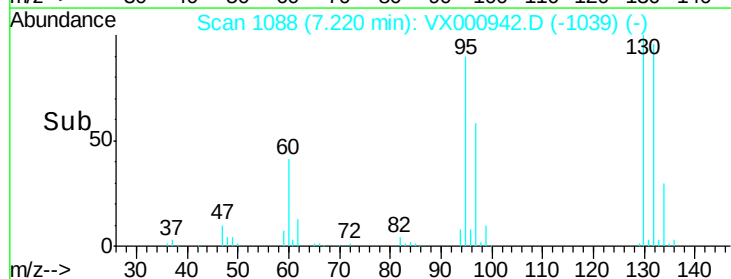
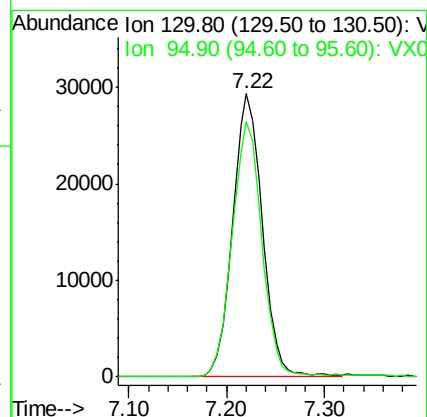
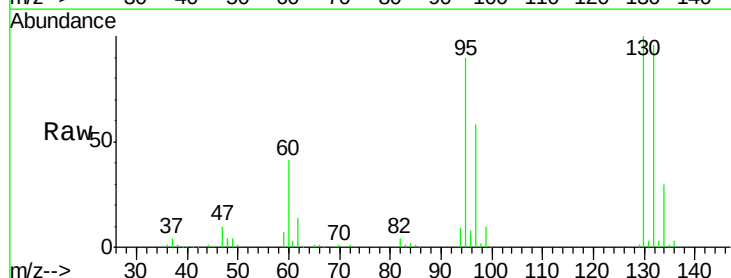
Acq: 17 Apr 2018 02:01

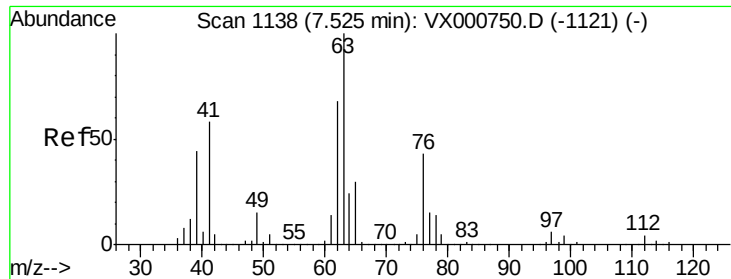
Tgt Ion:130 Resp: 61771

Ion Ratio Lower Upper

130 100

95 90.3 0.0 187.0

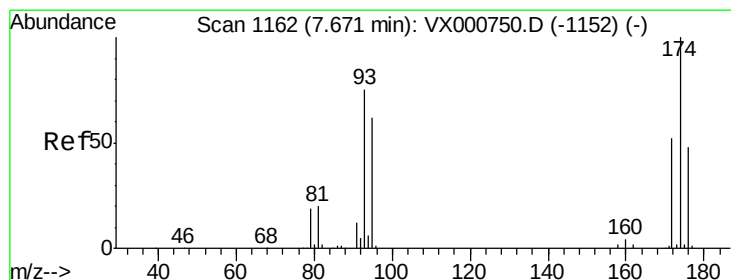
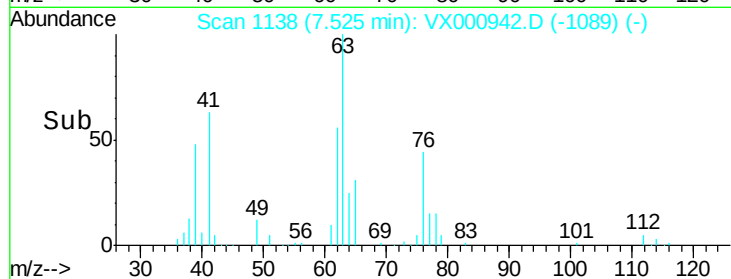
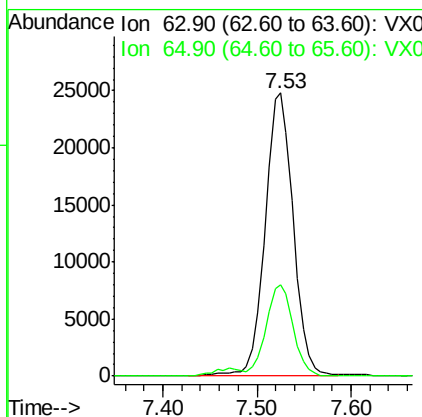
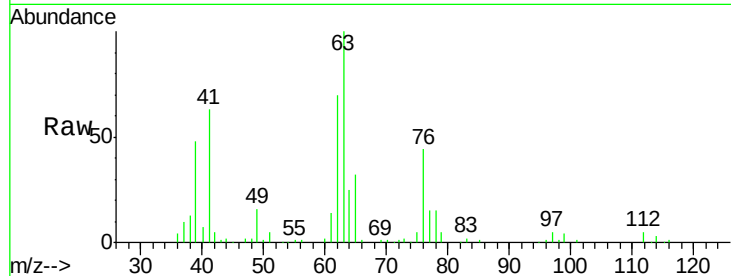




#45
 1,2-Dichloropropane
 Concen: 21.101 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

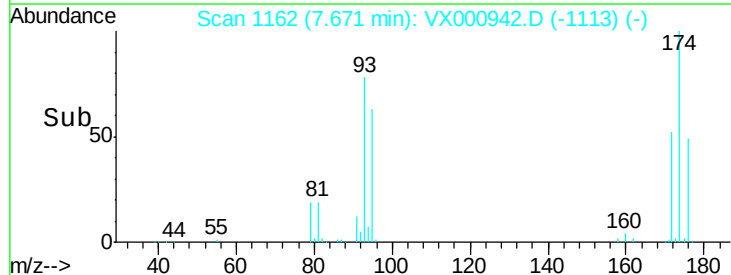
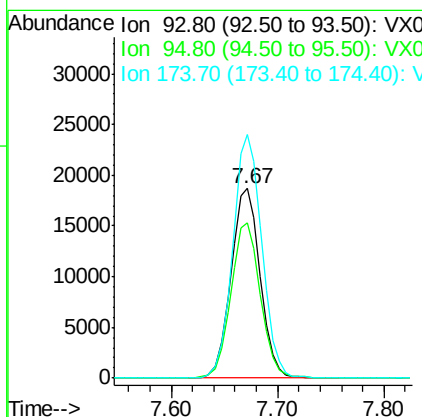
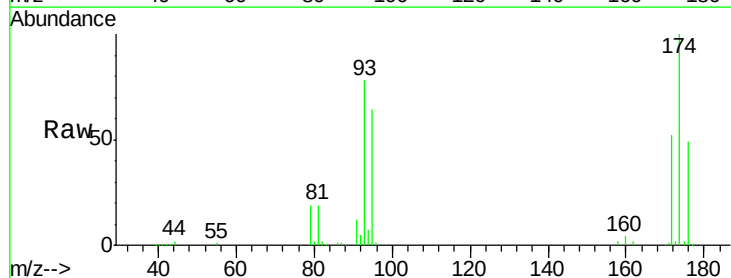
Instrument :
 MSVOA_X
 ClientSampled :

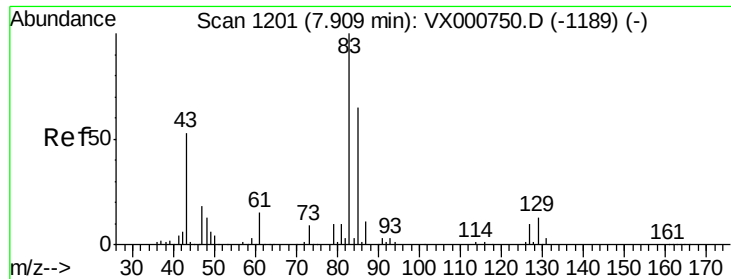
Tot Ion: 63 Resp: 52188
 Ion Ratio Lower Upper
 63 100
 65 32.4 23.7 35.5



#46
 Dibromomethane
 Concen: 20.803 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion: 93 Resp: 35872
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 127.9 104.5 156.7





#47

Bromodichloromethane

Concen: 18.938 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

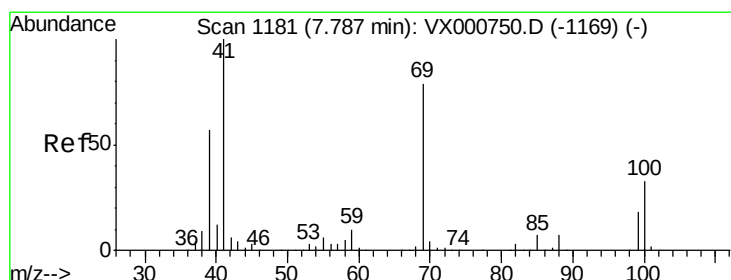
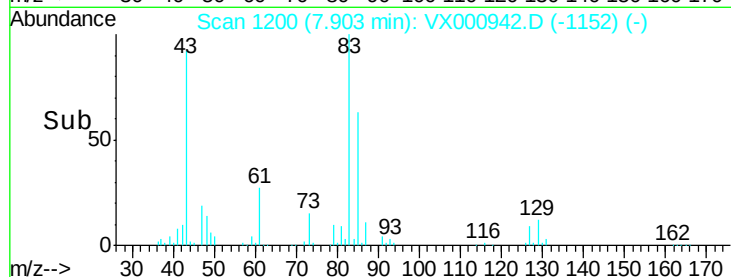
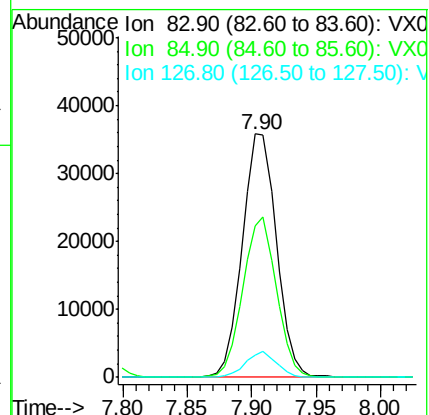
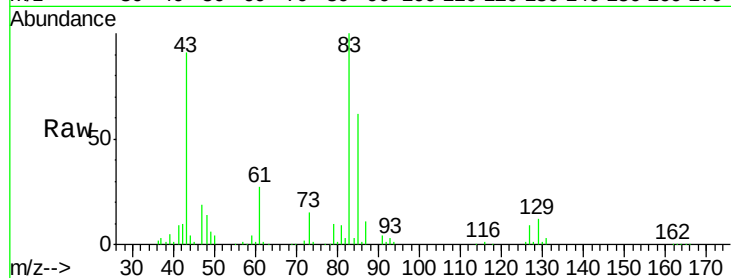
Tot Ion: 83 Resp: 65905

Ion Ratio Lower Upper

83 100

85 62.2 52.2 78.4

127 8.9 7.8 11.8



#48

Methyl methacrylate

Concen: 20.311 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

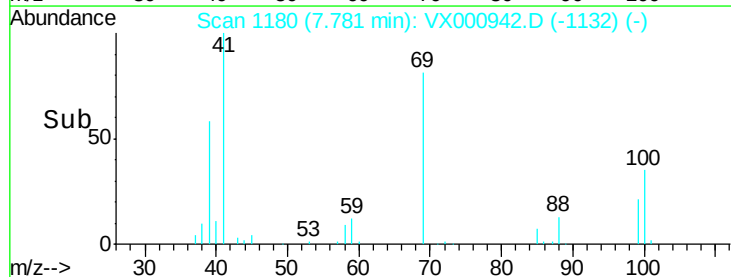
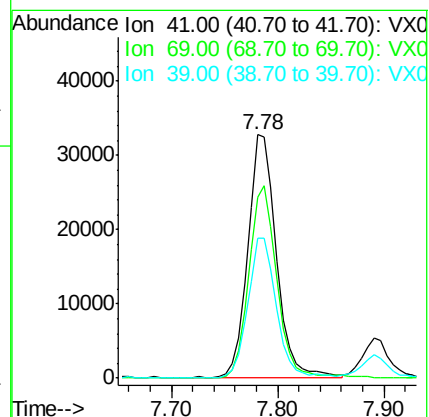
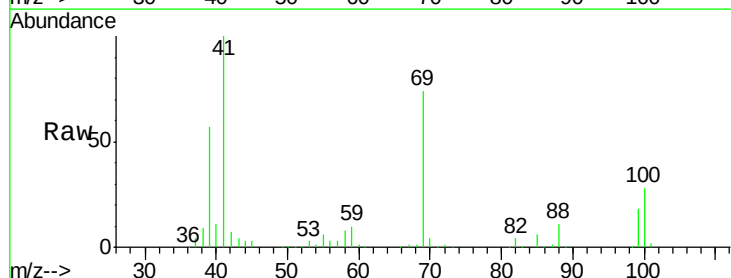
Tgt Ion: 41 Resp: 61594

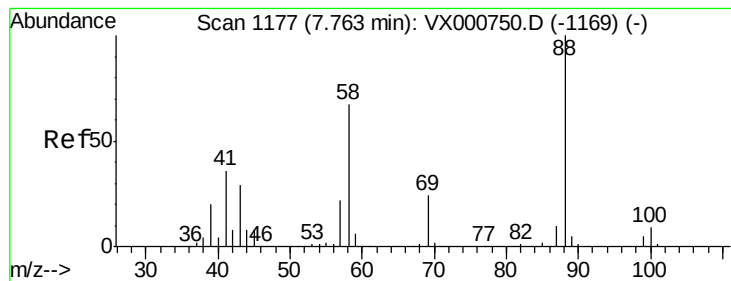
Ion Ratio Lower Upper

41 100

69 78.5 63.9 95.9

39 58.0 45.9 68.9





#49

1,4-Dioxane

Concen: 316.527 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

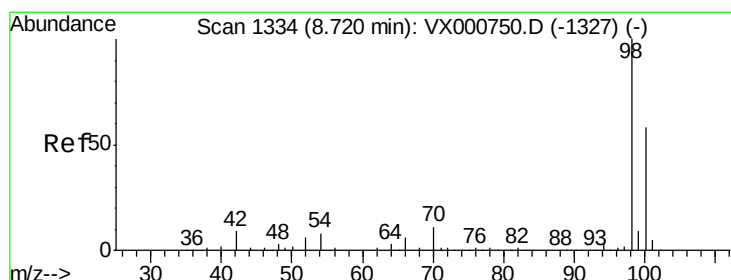
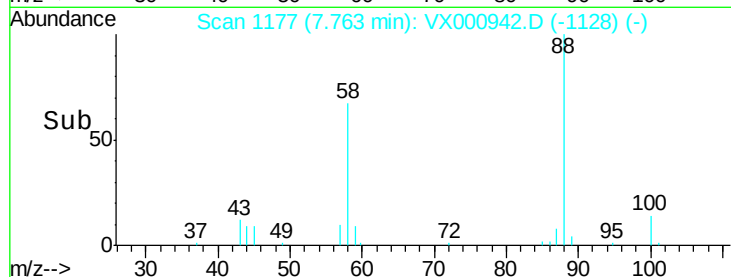
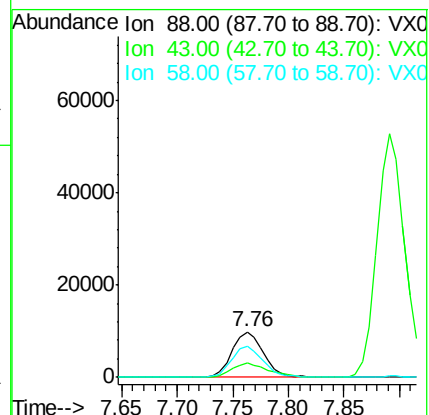
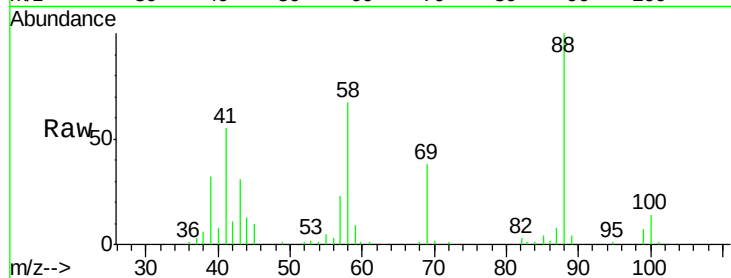
Tot Ion: 88 Resp: 19290

Ion Ratio Lower Upper

88 100

43 34.5 25.8 38.8

58 69.2 54.4 81.6



#50

Toluene-d8

Concen: 50.147 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000942.D

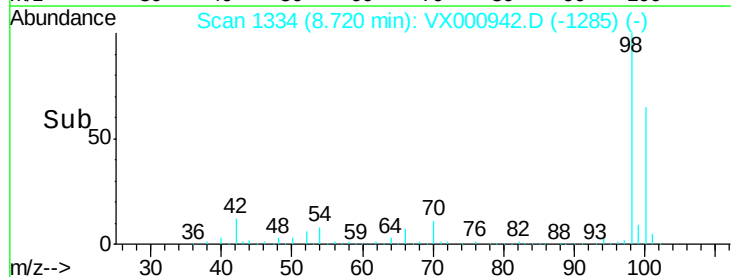
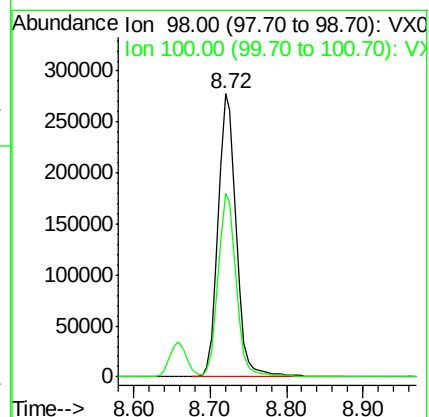
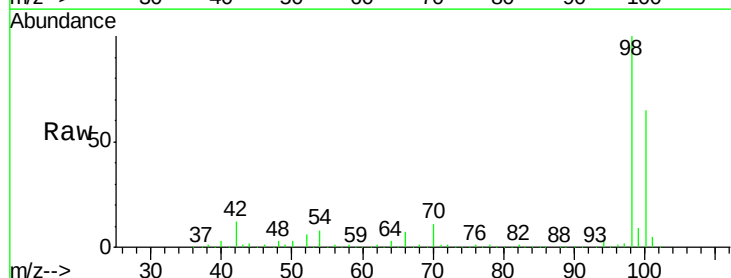
Acq: 17 Apr 2018 02:01

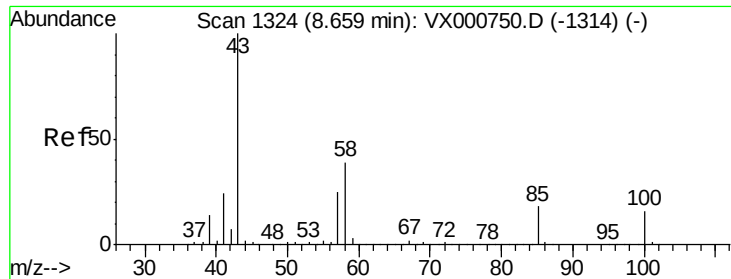
Tgt Ion: 98 Resp: 456582

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 103.171 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

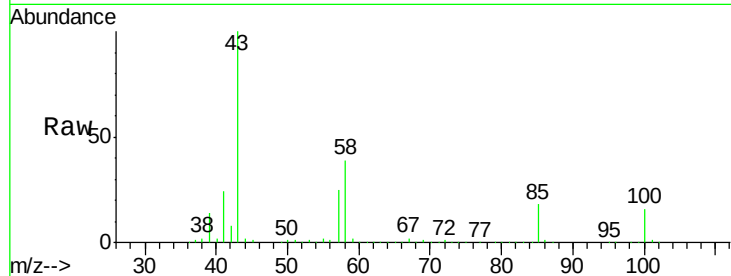
ClientSampled :

Tot Ion: 43 Resp: 354558

Ion Ratio Lower Upper

43 100

58 37.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

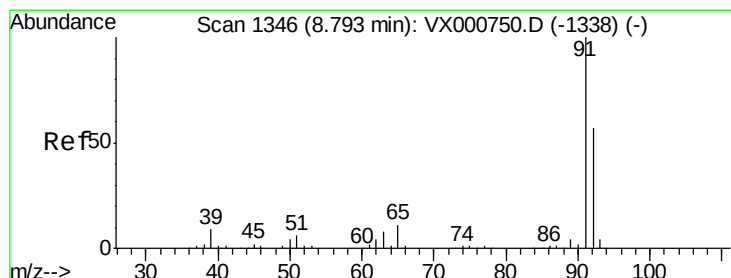
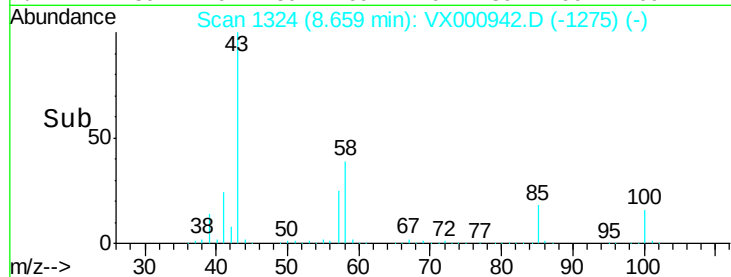
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.549 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000942.D

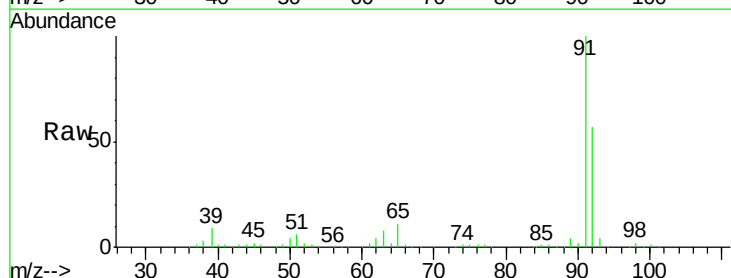
Acq: 17 Apr 2018 02:01

Tgt Ion: 92 Resp: 132410

Ion Ratio Lower Upper

92 100

91 173.9 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

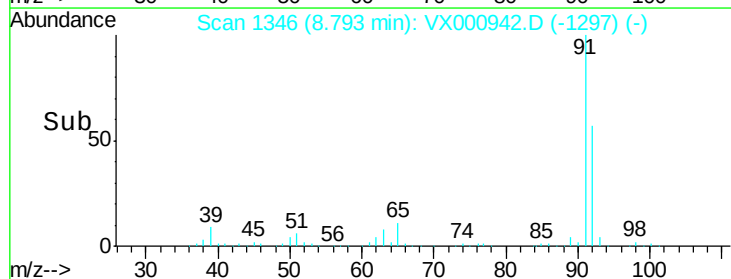
150000

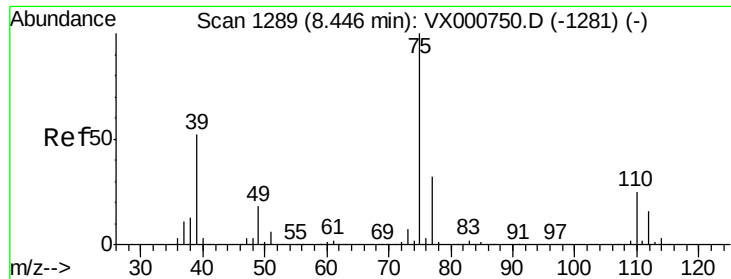
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.639 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

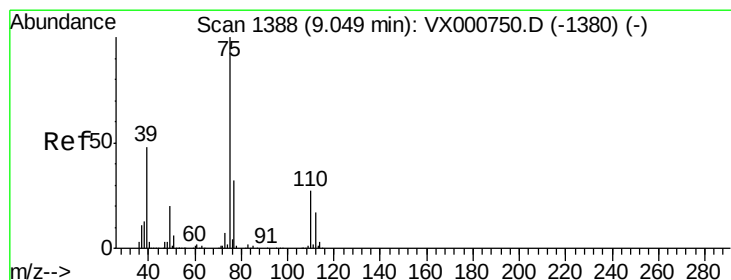
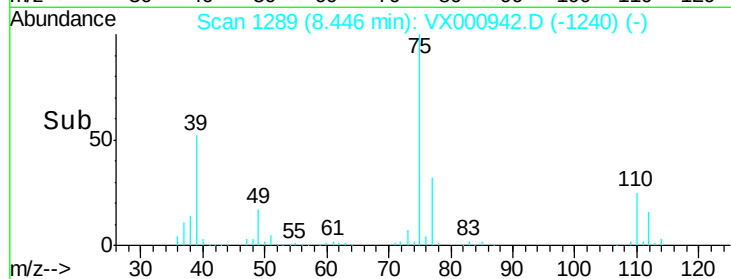
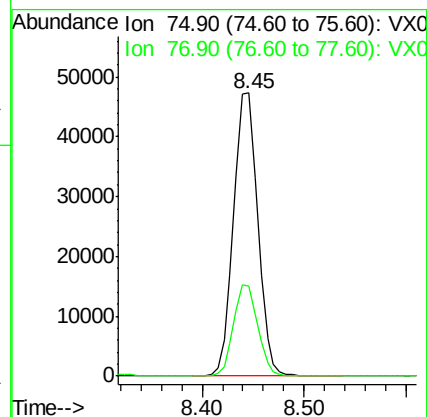
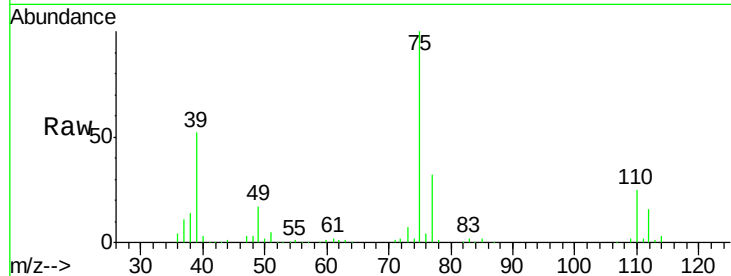
ClientSampleId :

Tot Ion: 75 Resp: 77804

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.724 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

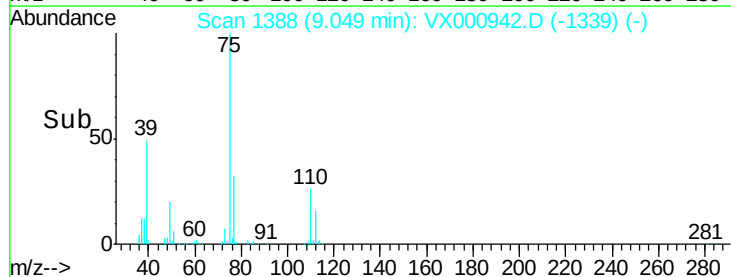
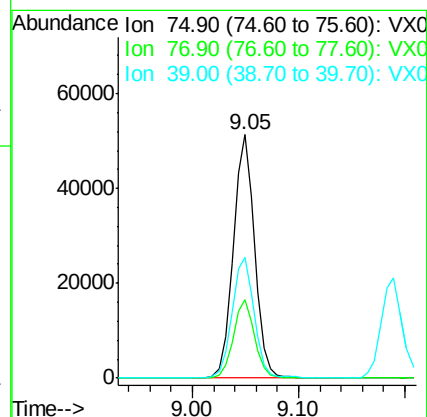
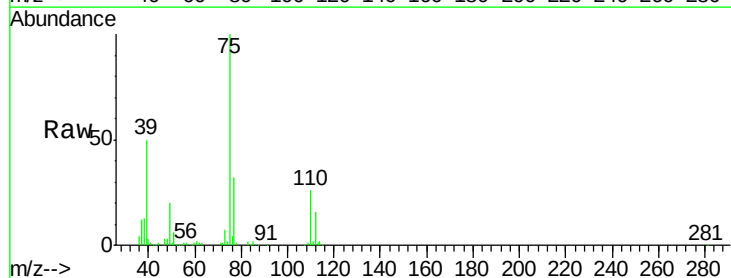
Tgt Ion: 75 Resp: 72047

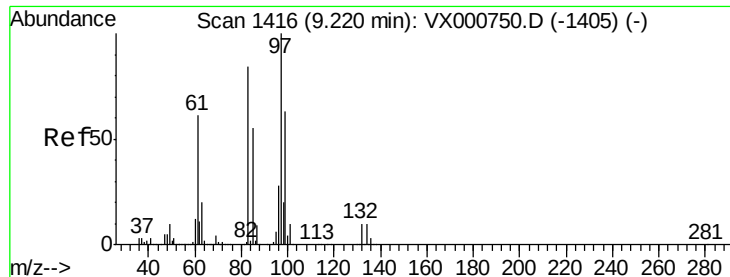
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

39 49.4 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 21.195 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 54218

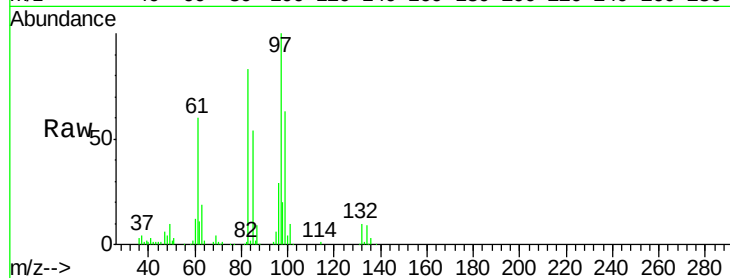
Ion Ratio Lower Upper

97 100

83 83.4 67.6 101.4

85 53.6 43.8 65.6

99 62.7 50.2 75.4

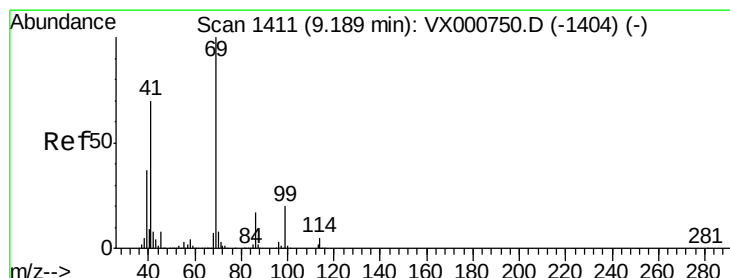
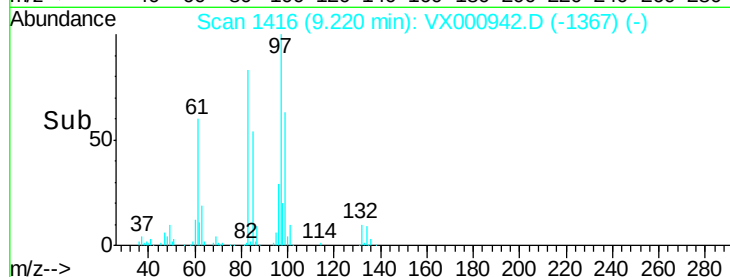
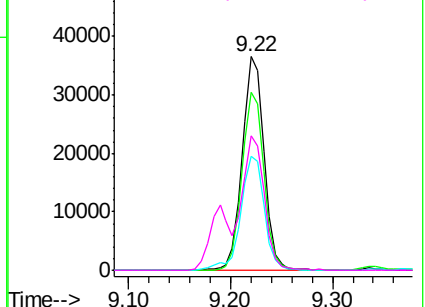


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.732 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

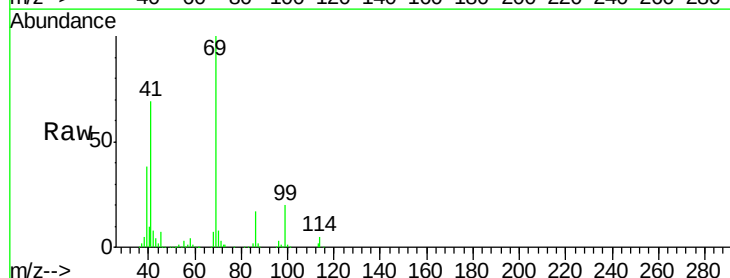
Tgt Ion: 69 Resp: 77864

Ion Ratio Lower Upper

69 100

41 69.8 55.6 83.4

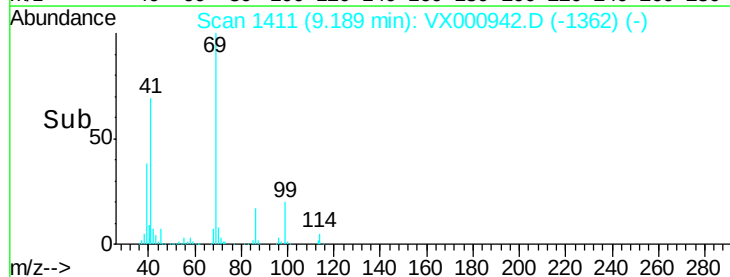
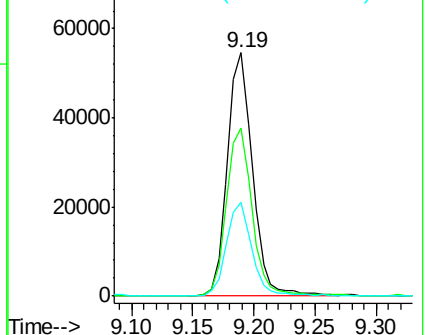
39 38.3 30.3 45.5

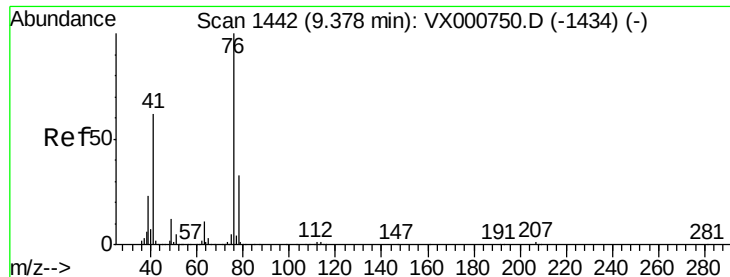


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.765 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

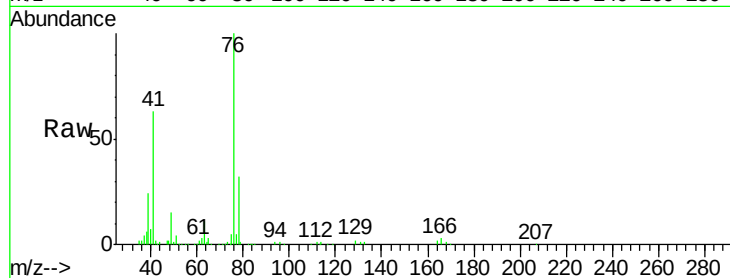
ClientSampleId :

Tot Ion: 76 Resp: 88516

Ion Ratio Lower Upper

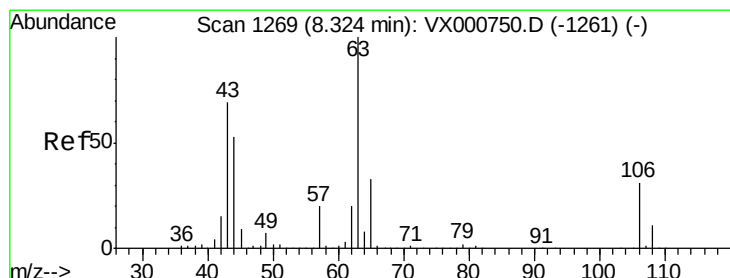
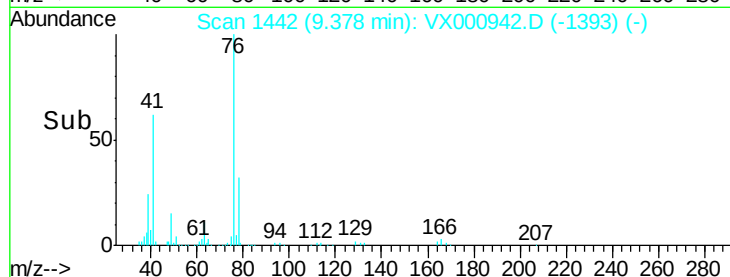
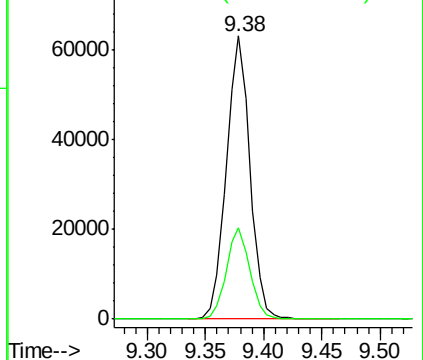
76 100

78 32.1 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: 106.559 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000942.D

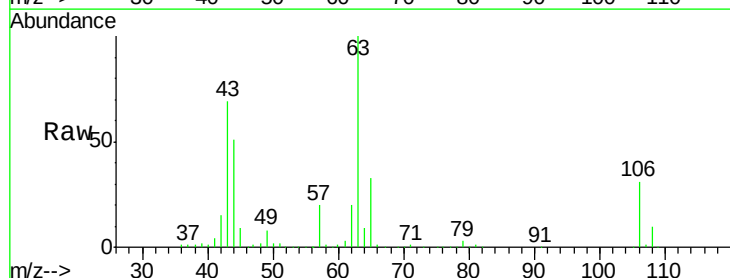
Acq: 17 Apr 2018 02:01

Tgt Ion: 63 Resp: 196461

Ion Ratio Lower Upper

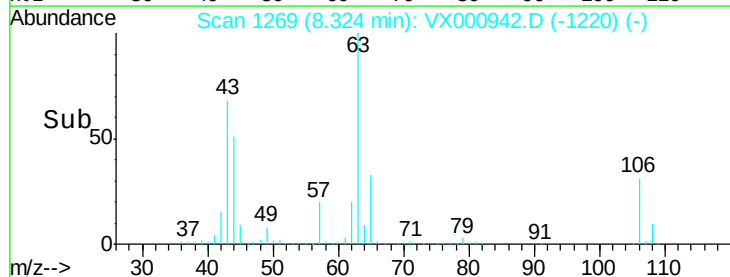
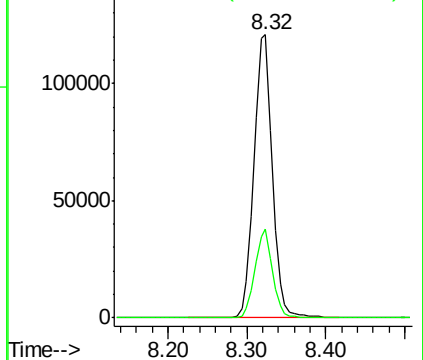
63 100

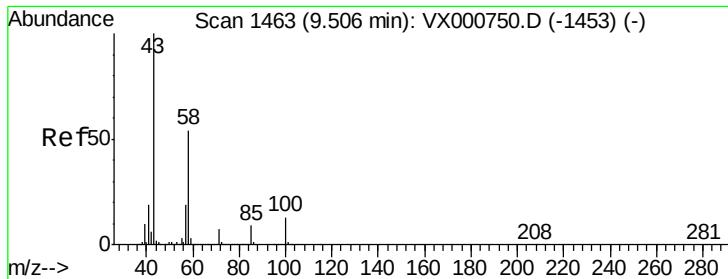
106 30.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

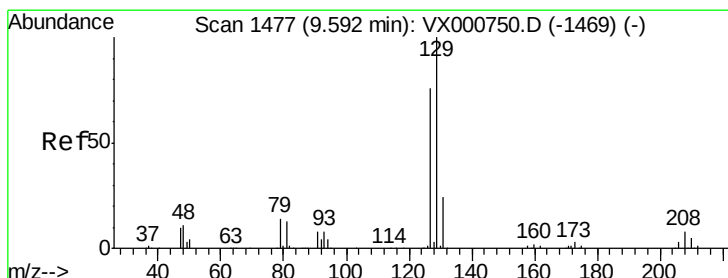
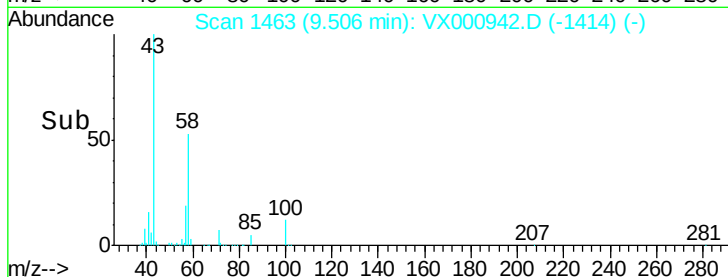
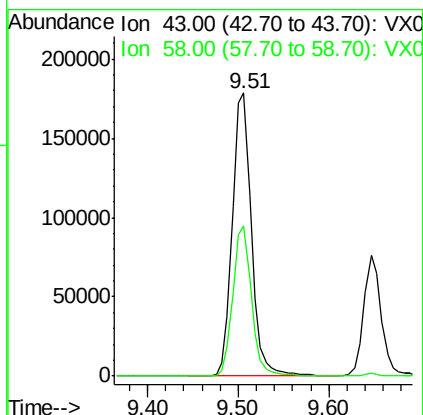
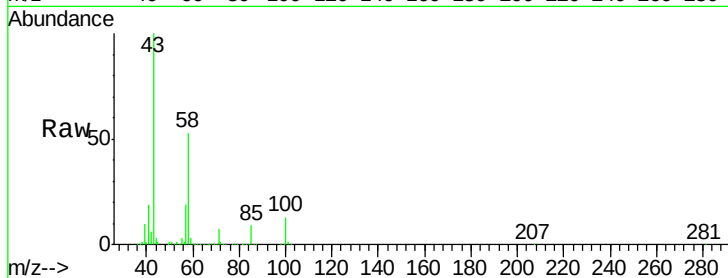




#59
2-Hexanone
Concen: 98.413 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

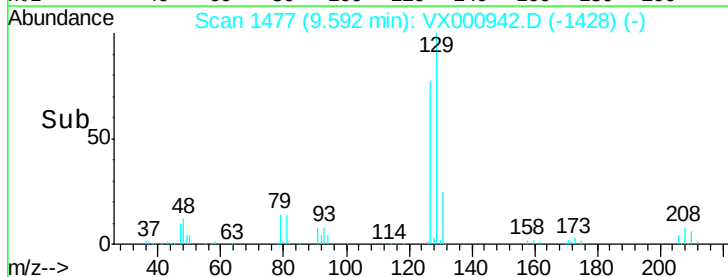
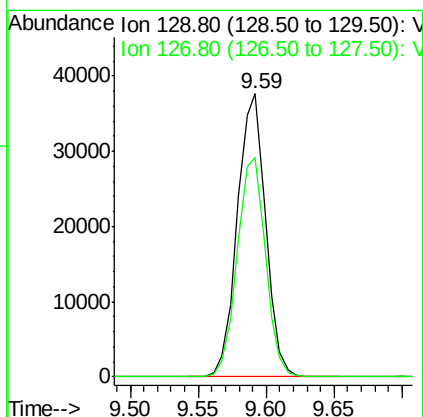
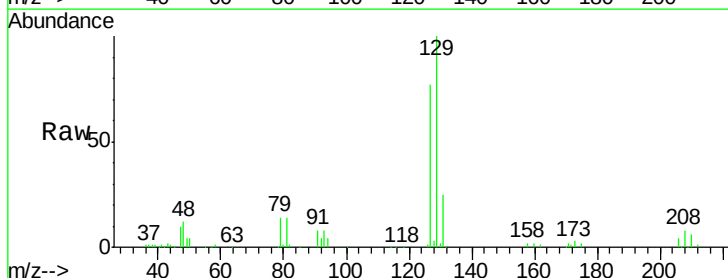
Instrument :
MSVOA_X
ClientSampleId :

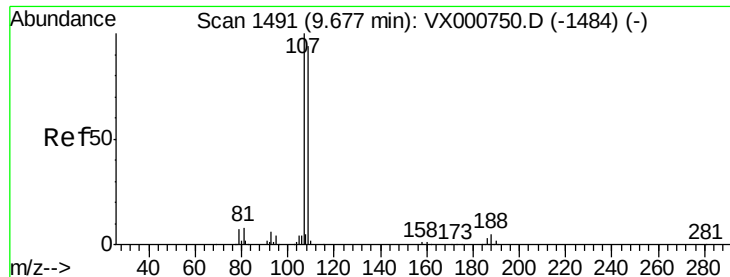
Tot Ion: 43 Resp: 261099
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.5



#60
Dibromochloromethane
Concen: 17.815 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion: 129 Resp: 54528
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.795 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

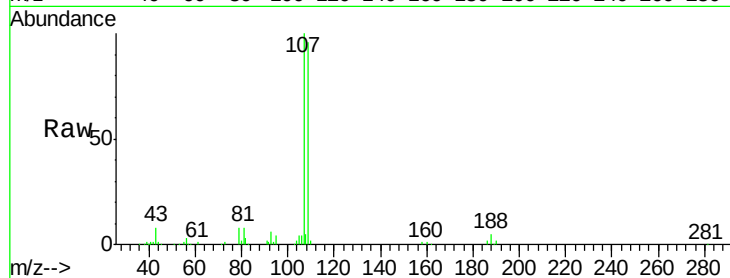
ClientSampleId :

Tot Ion:107 Resp: 56433

Ion Ratio Lower Upper

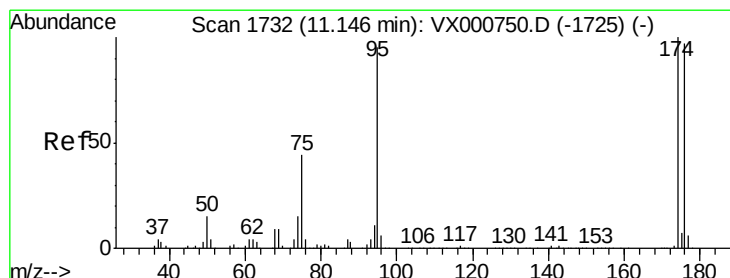
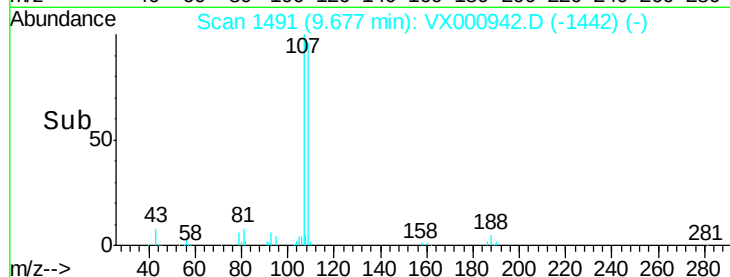
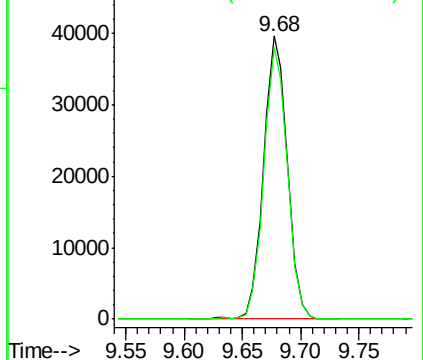
107 100

109 95.7 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.175 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

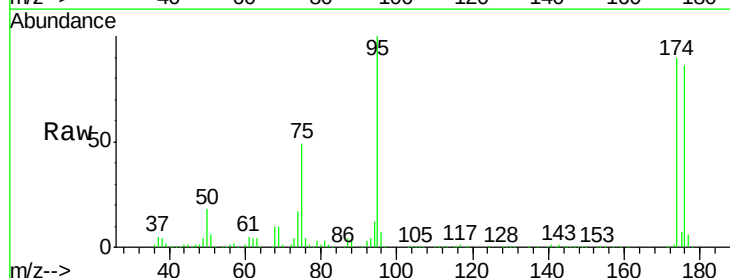
Tgt Ion: 95 Resp: 185240

Ion Ratio Lower Upper

95 100

174 97.7 0.0 198.4

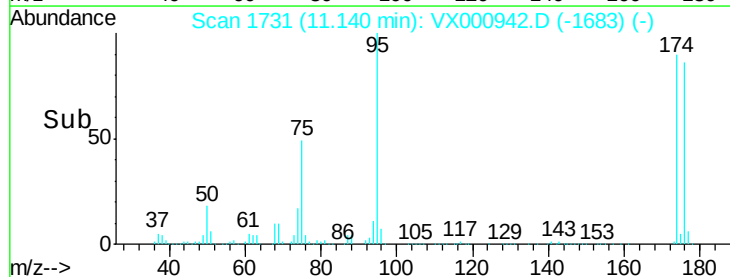
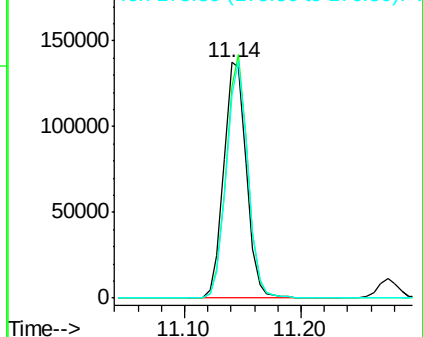
176 95.3 0.0 194.4

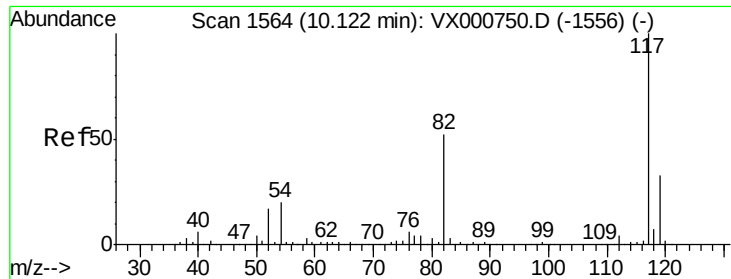


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

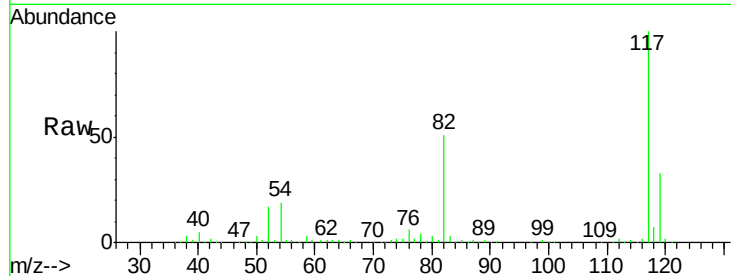




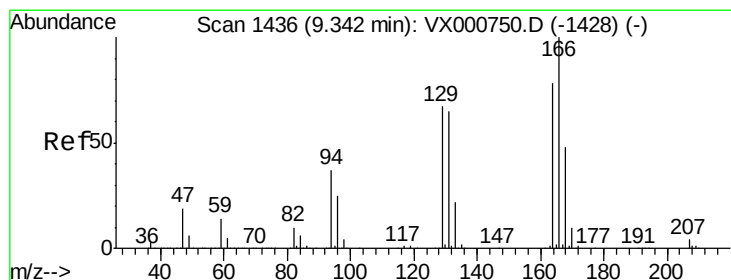
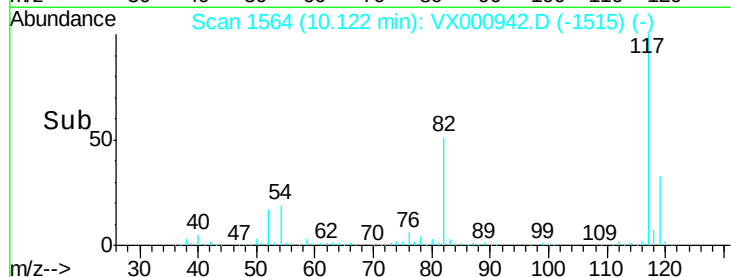
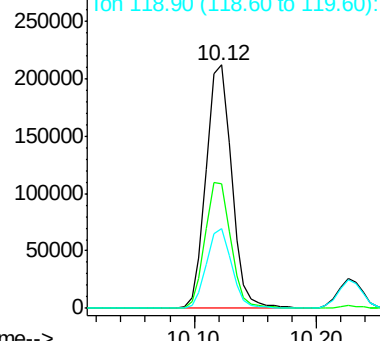
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 307591
Ion Ratio Lower Upper
117 100
82 51.4 41.9 62.9
119 32.6 26.0 39.0



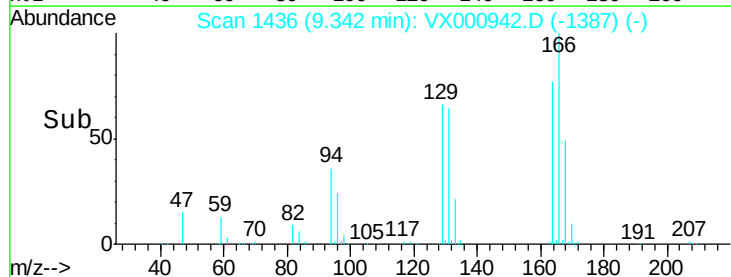
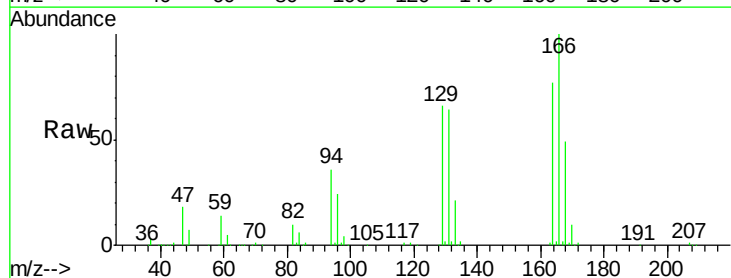
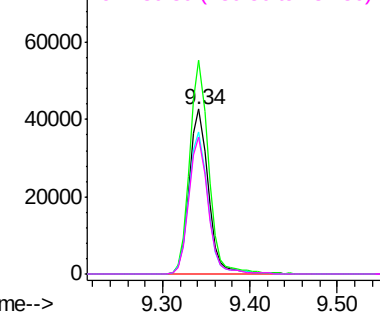
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

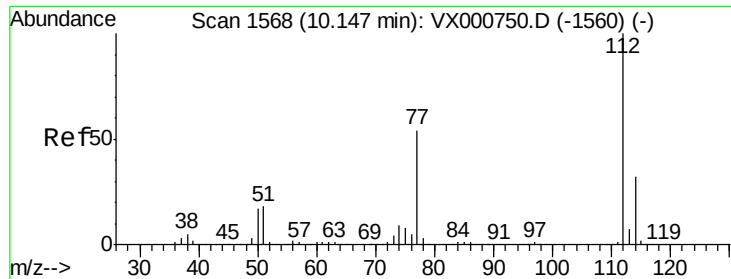


#64
Tetrachloroethene
Concen: 21.536 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion:164 Resp: 64769
Ion Ratio Lower Upper
164 100
166 129.4 102.8 154.2
129 85.8 68.5 102.7
131 83.2 66.6 100.0

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

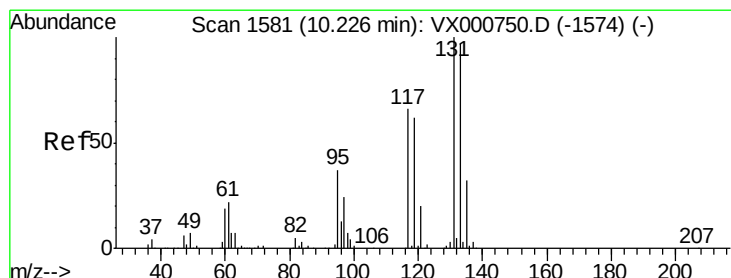
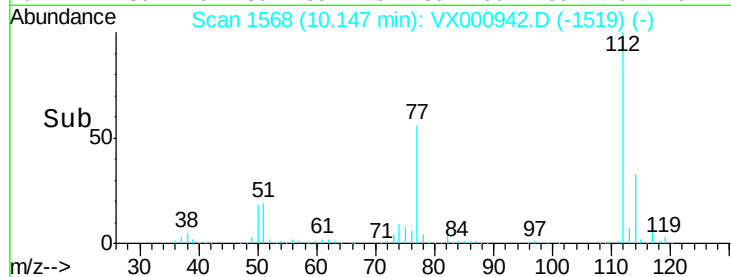
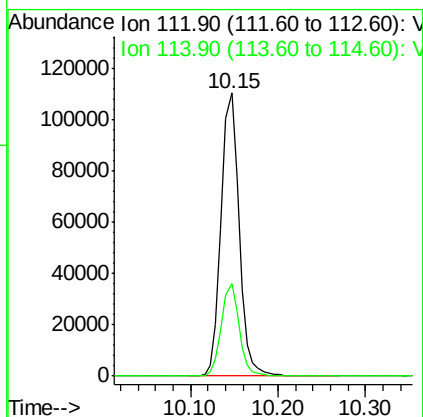
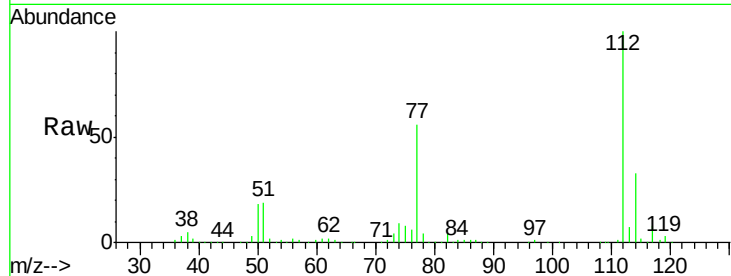




#65
Chlorobenzene
Concen: 20.342 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

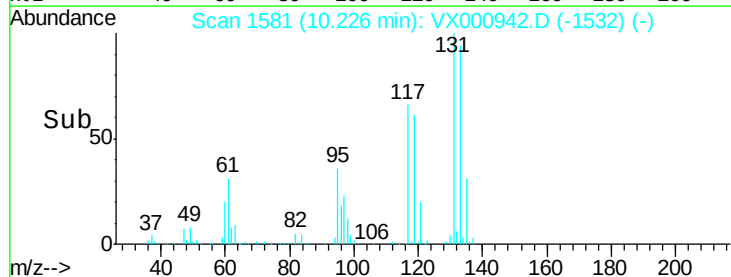
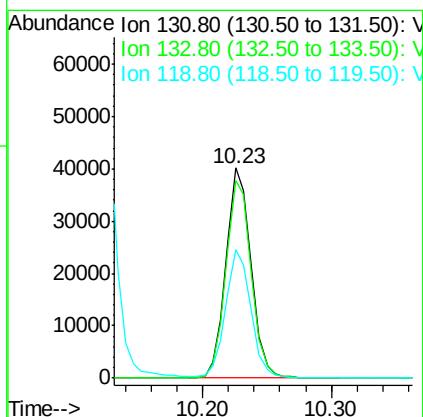
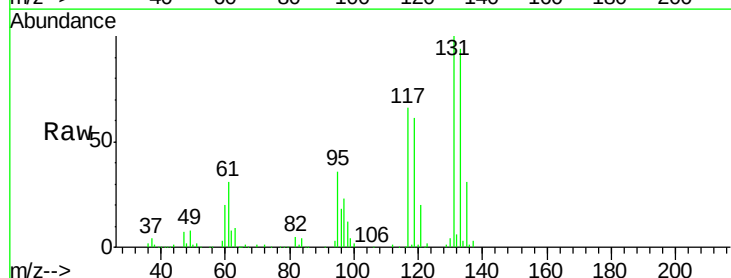
Instrument :
MSVOA_X
ClientSampleId :

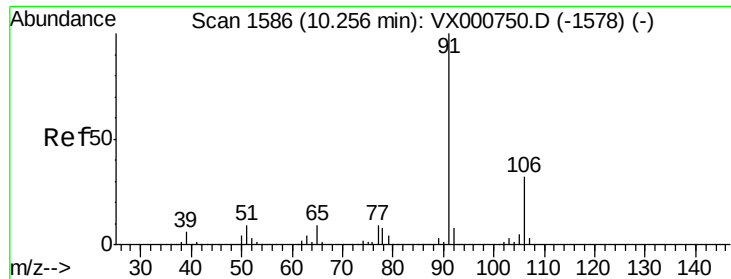
Tot Ion:112 Resp: 157398
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.987 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion:131 Resp: 55296
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.9
119 61.6 31.4 94.0

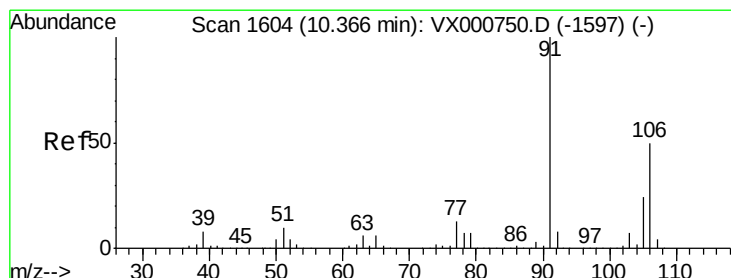
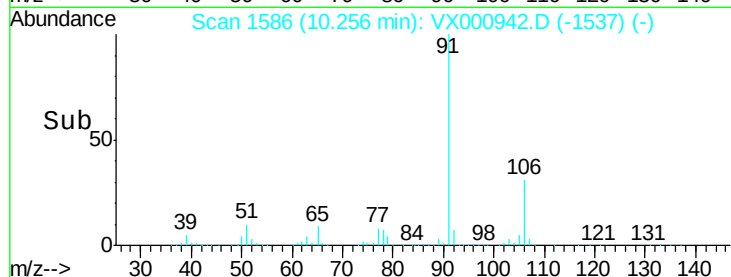
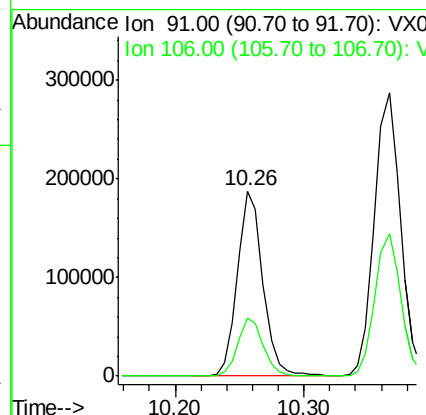
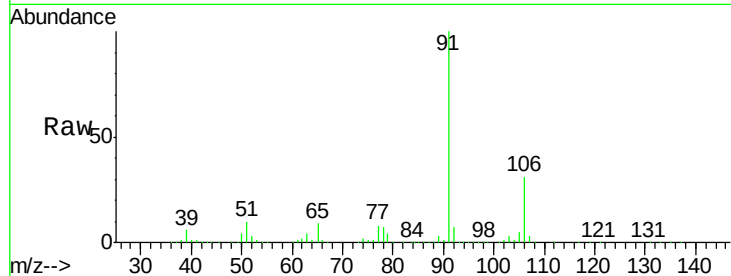




#67
Ethyl Benzene
Concen: 20.190 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

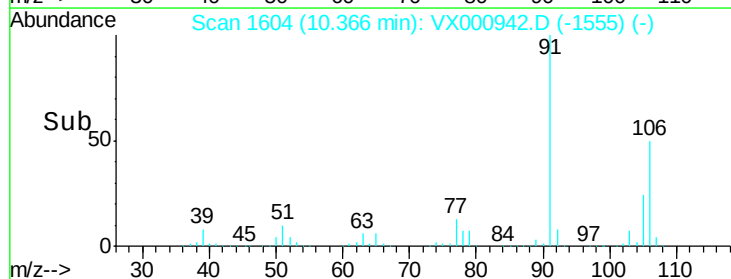
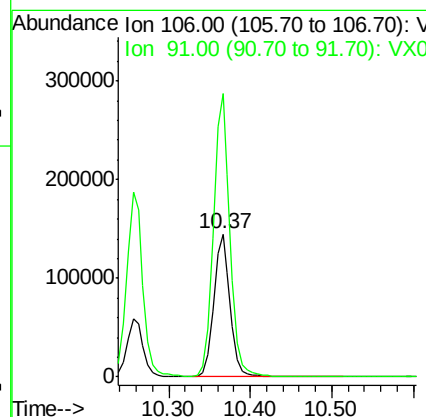
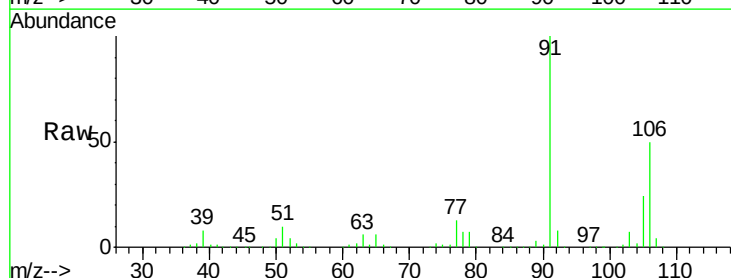
Instrument :
MSVOA_X
ClientSampleId :

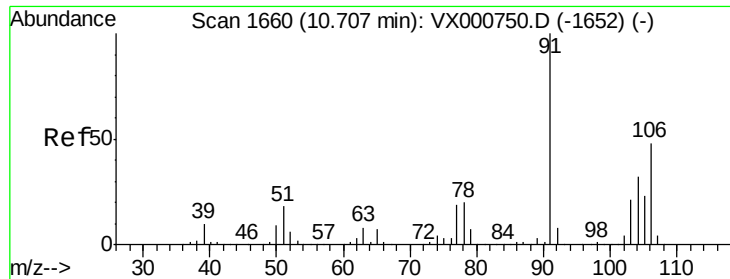
Tot Ion: 91 Resp: 260459
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 40.036 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion: 106 Resp: 203861
Ion Ratio Lower Upper
106 100
91 200.2 159.3 238.9

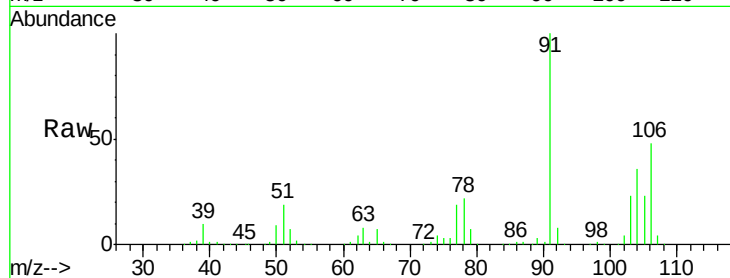




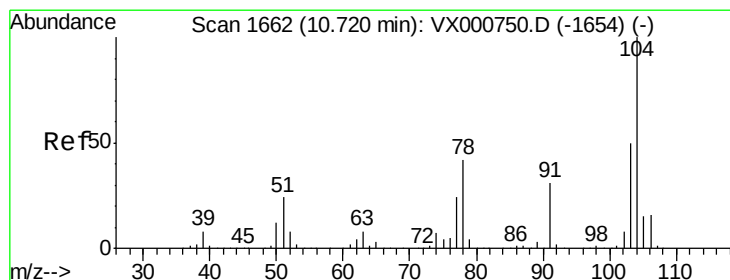
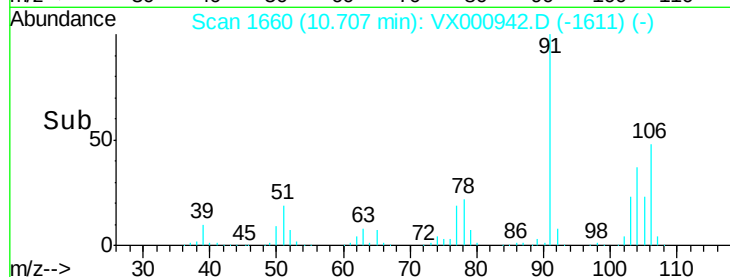
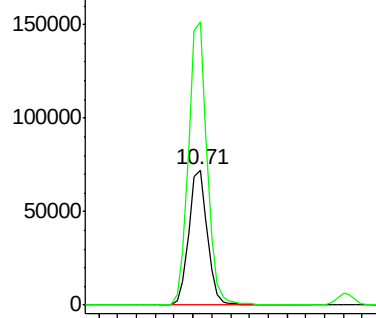
#69
o-Xylene
Concen: 20.276 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 99508
Ion Ratio Lower Upper
106 100
91 209.8 105.0 315.0

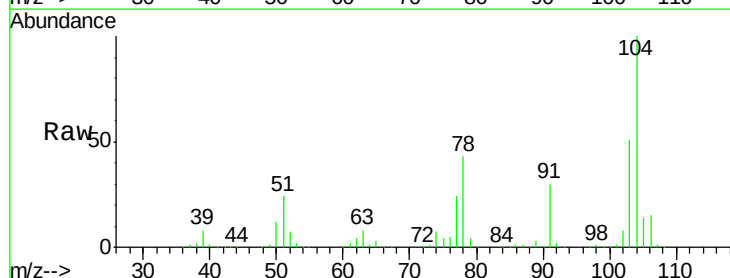


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

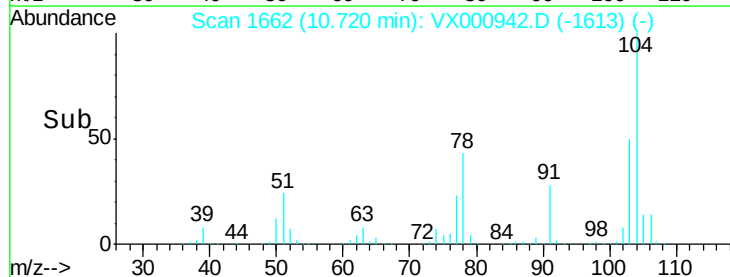
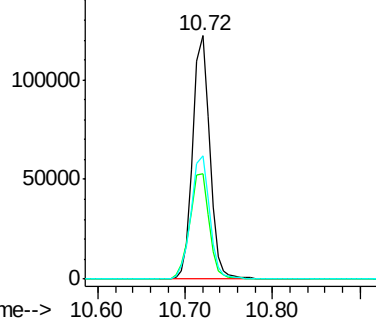


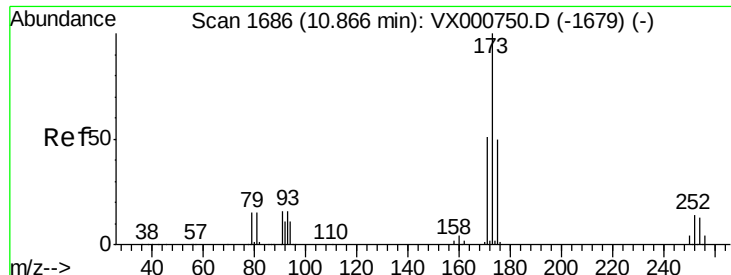
#70
Styrene
Concen: 19.930 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion:104 Resp: 164894
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 55.8 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: 16.052 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampled :

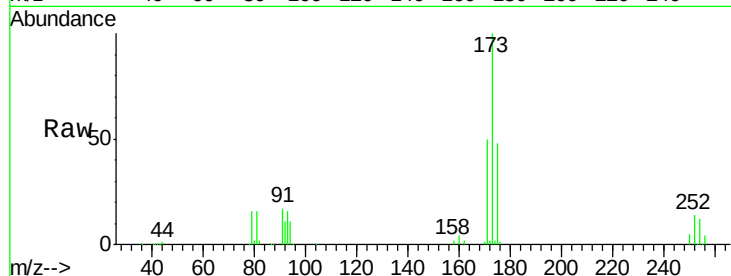
Tot Ion:173 Resp: 43286

Ion Ratio Lower Upper

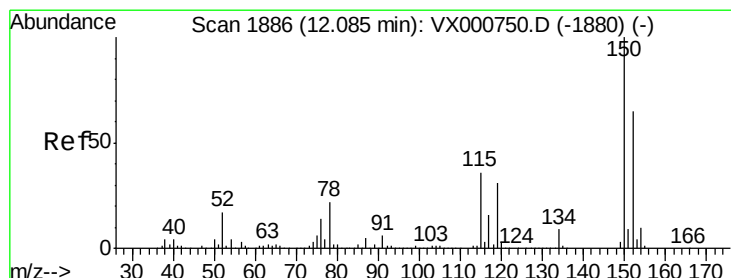
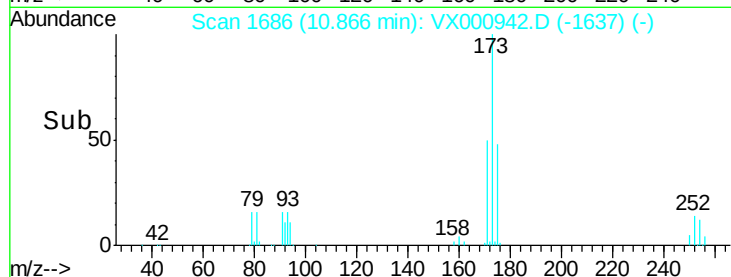
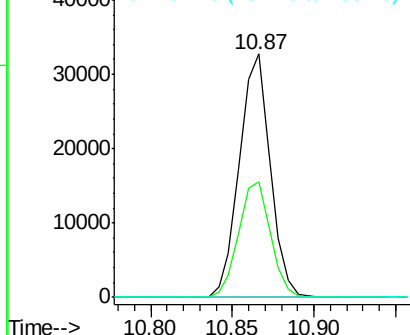
173 100

175 49.2 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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

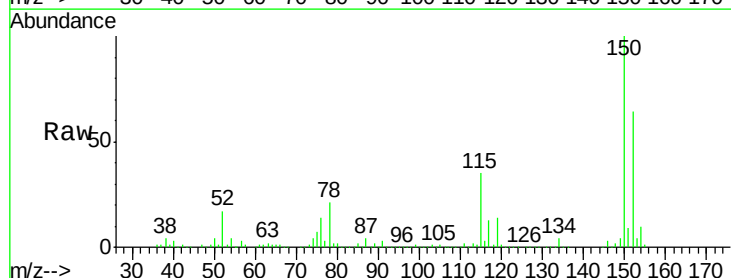
Tgt Ion:152 Resp: 206960

Ion Ratio Lower Upper

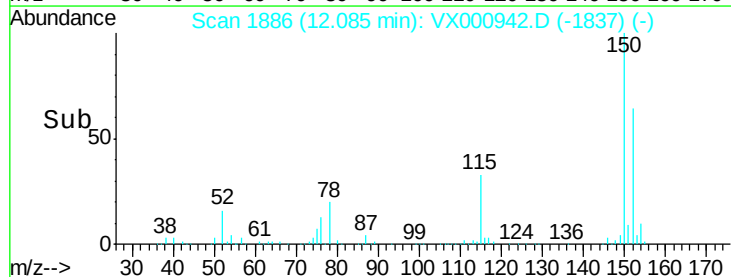
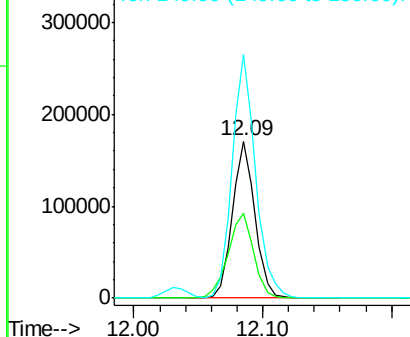
152 100

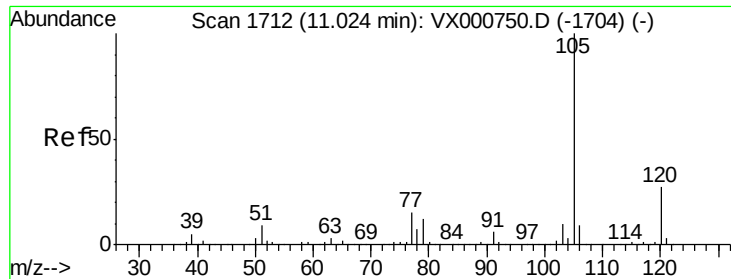
115 62.2 37.9 113.7

150 163.1 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: 20.476 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

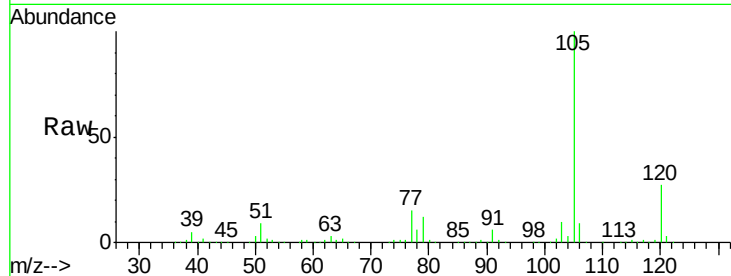
ClientSampleId :

Tot Ion:105 Resp: 268842

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

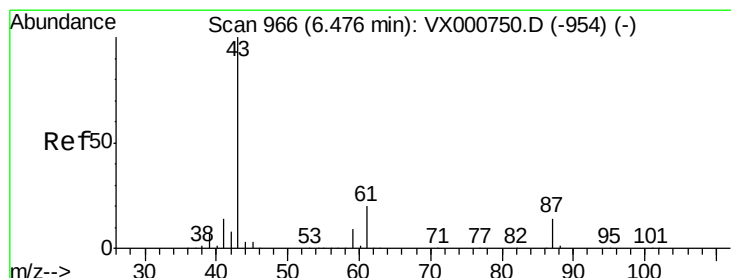
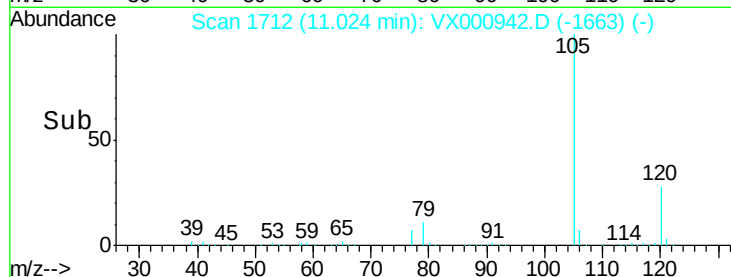
100000

50000

0

11.00 11.10

Time-->



#74

N-amyl acetate

Concen: 19.364 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Tgt Ion: 43 Resp: 114492

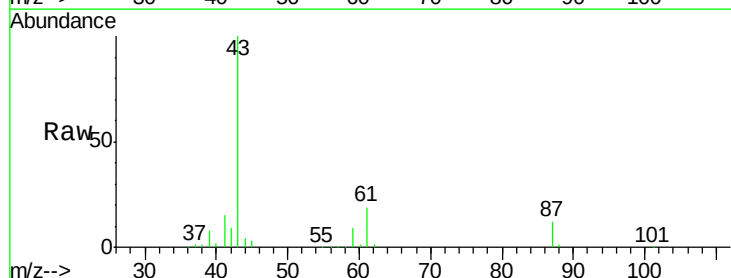
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 19.5 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

60000

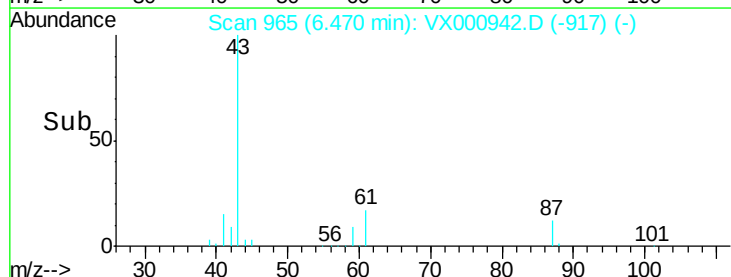
40000

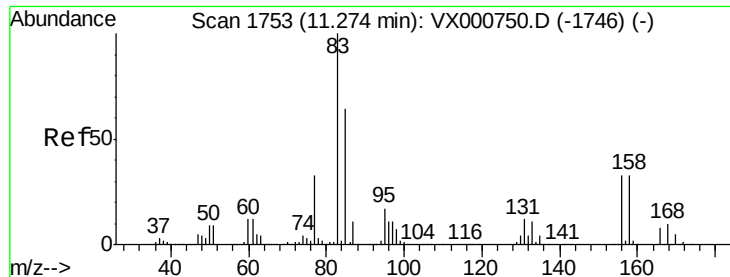
20000

0

6.30 6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.104 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

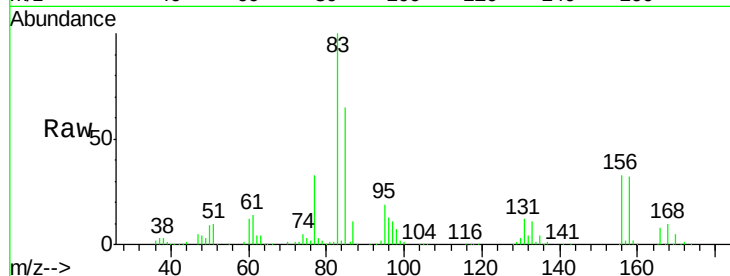
Tot Ion: 83 Resp: 76603

Ion Ratio Lower Upper

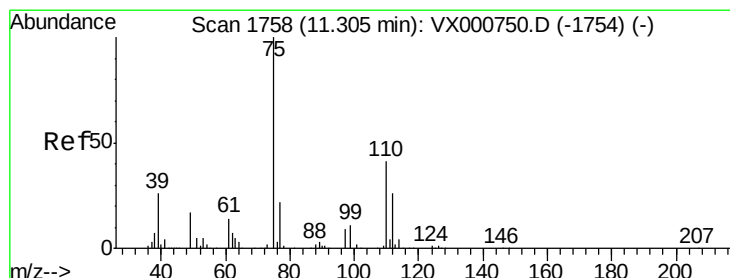
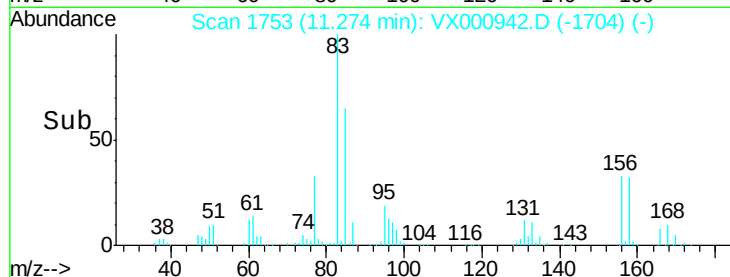
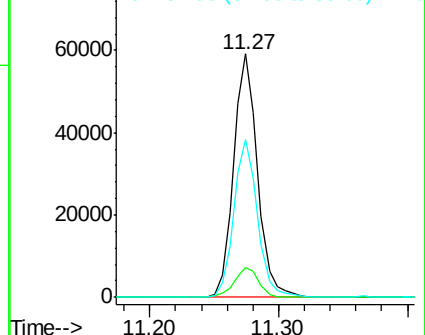
83 100

131 12.4 6.0 18.0

85 64.4 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 23.667 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000942.D

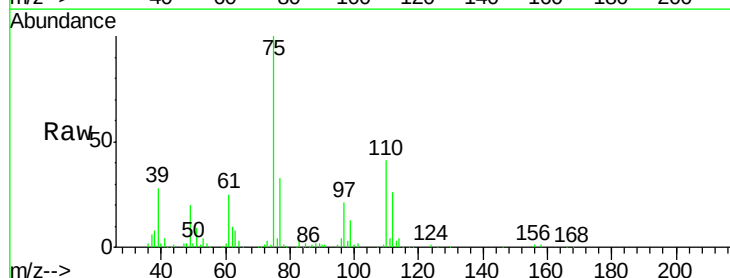
Acq: 17 Apr 2018 02:01

Tgt Ion: 75 Resp: 84472

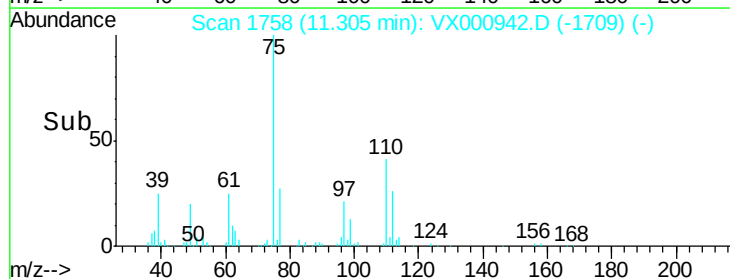
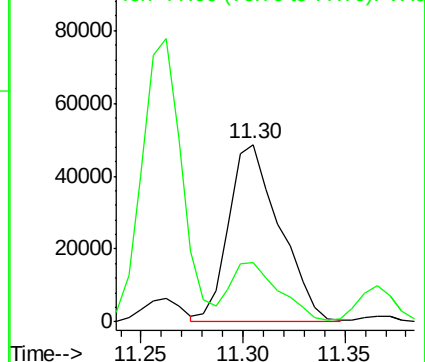
Ion Ratio Lower Upper

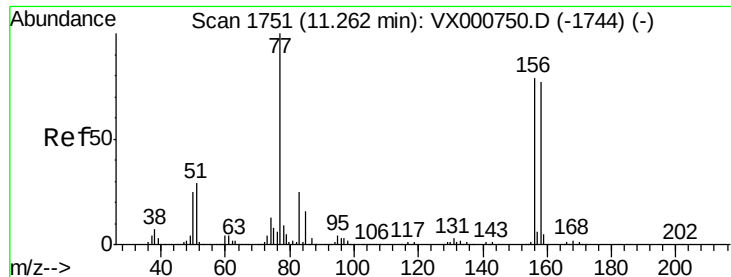
75 100

77 32.2 20.5 61.5



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





#77

Bromobenzene

Concen: 20.170 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

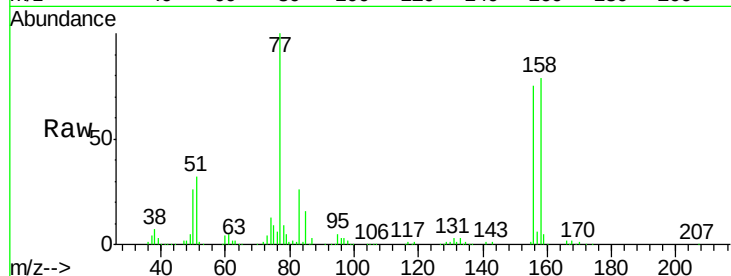
Tot Ion:156 Resp: 77610

Ion Ratio Lower Upper

156 100

77 135.5 66.0 198.2

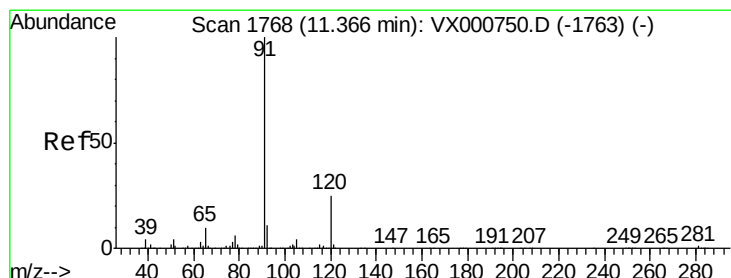
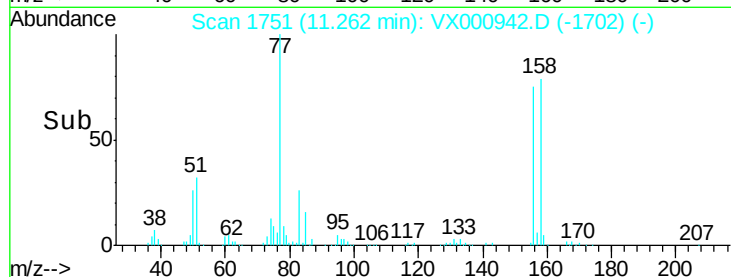
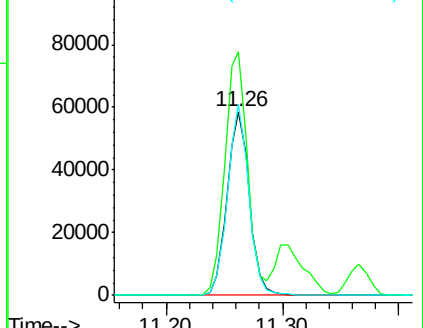
158 99.5 48.8 146.4



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: 20.198 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000942.D

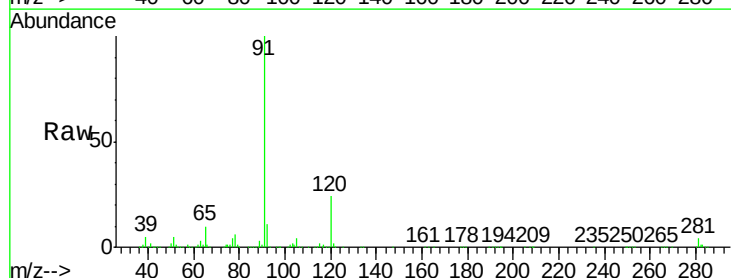
Acq: 17 Apr 2018 02:01

Tgt Ion: 91 Resp: 303337

Ion Ratio Lower Upper

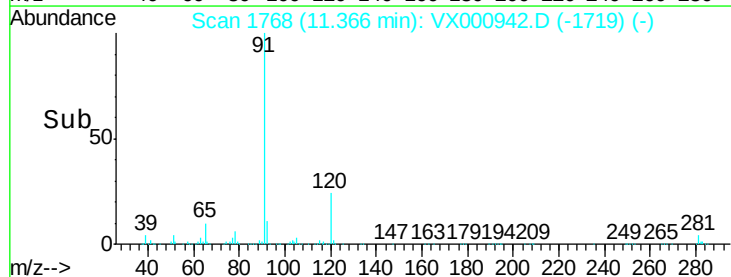
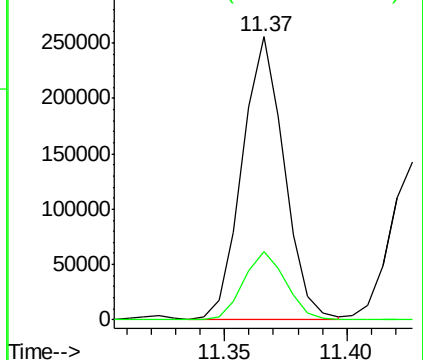
91 100

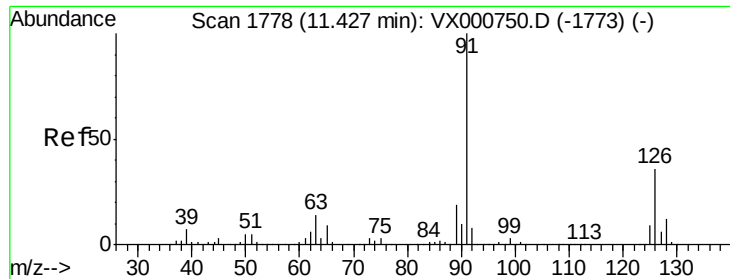
120 24.7 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

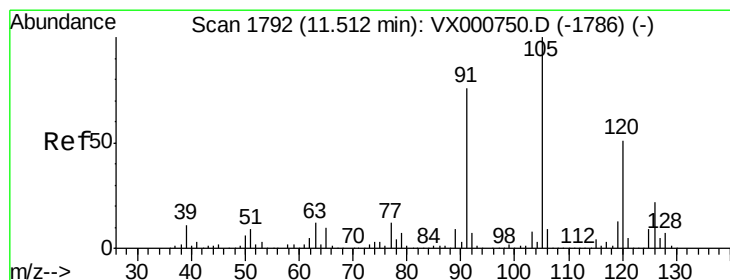
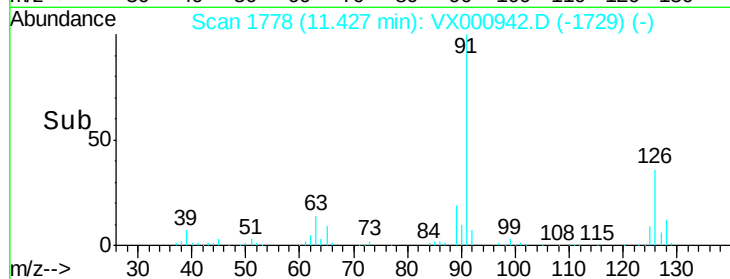
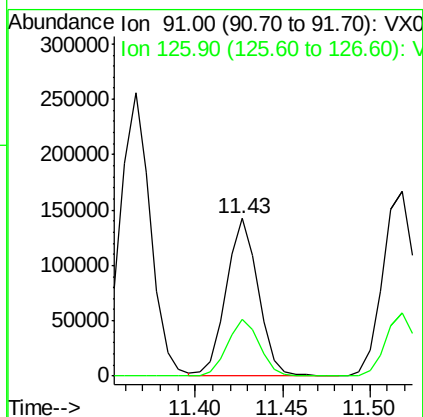
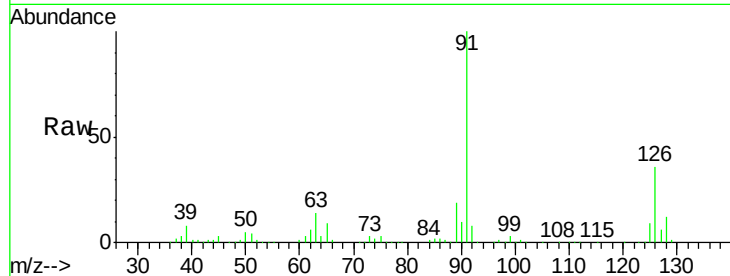




#79
 2-Chlorotoluene
 Concen: 20.346 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

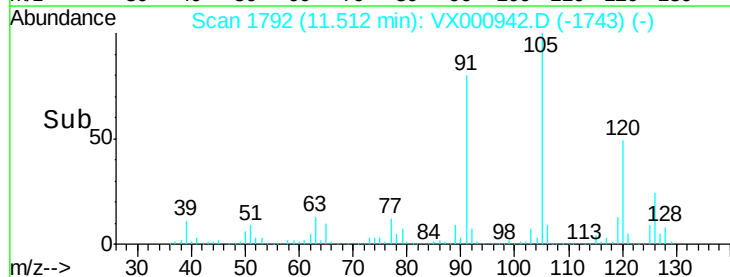
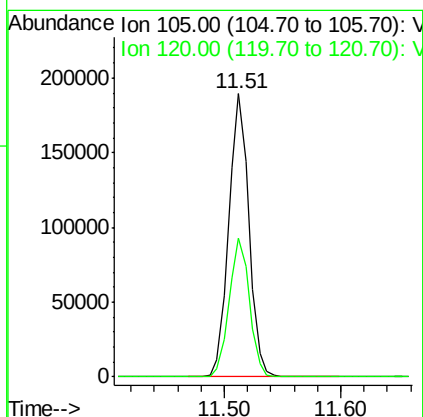
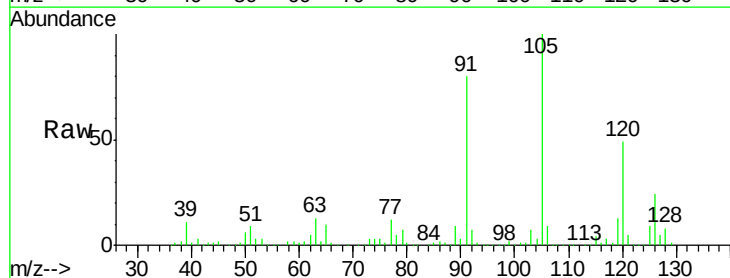
Instrument :
 MSVOA_X
 ClientSampled :

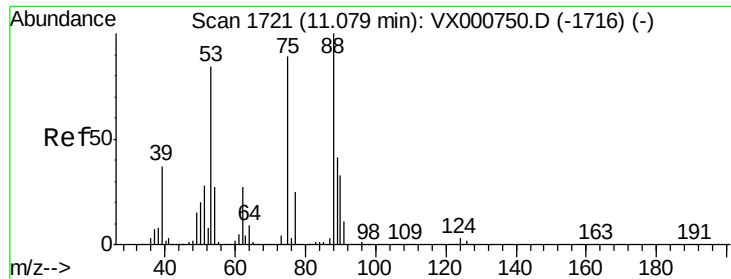
Tot Ion: 91 Resp: 180589
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.170 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion: 105 Resp: 227750
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 13.126 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampled :

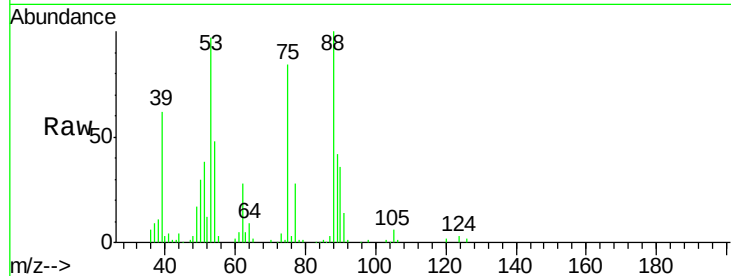
Tot Ion: 75 Resp: 17031

Ion Ratio Lower Upper

75 100

53 115.6 75.4 113.0#

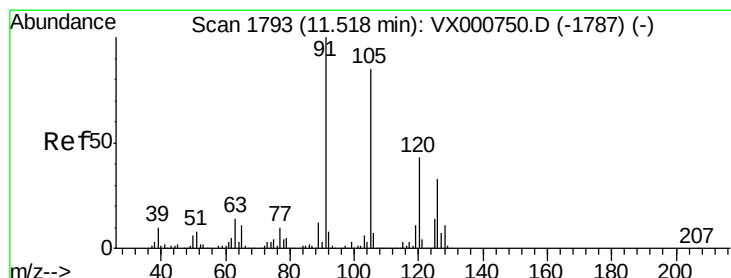
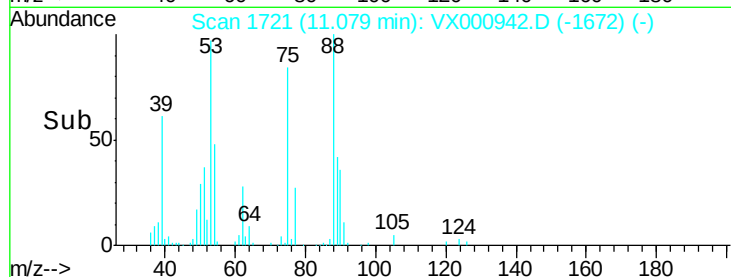
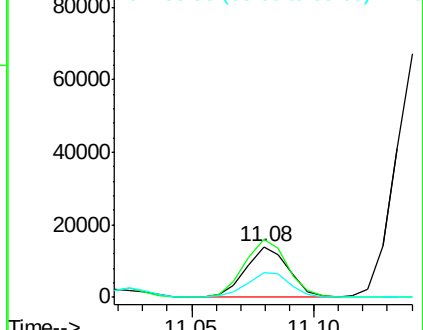
89 49.9 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.293 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000942.D

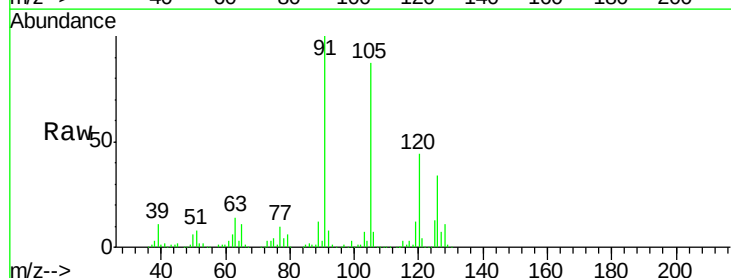
Acq: 17 Apr 2018 02:01

Tgt Ion: 91 Resp: 217410

Ion Ratio Lower Upper

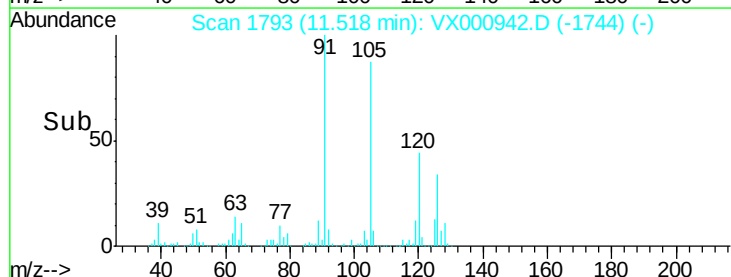
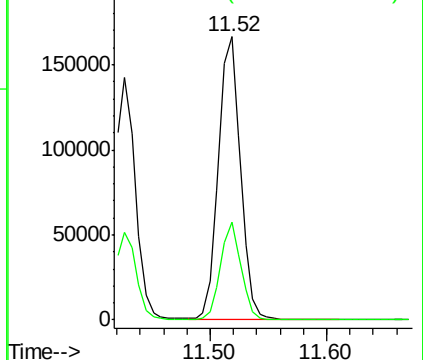
91 100

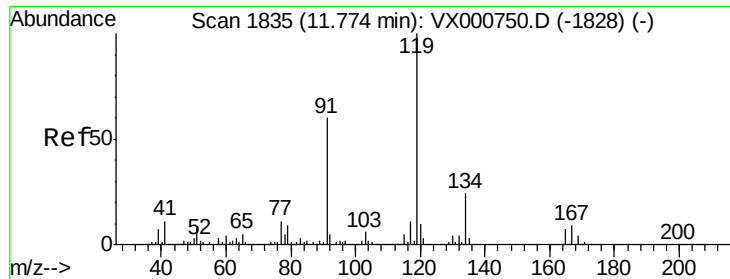
126 32.1 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

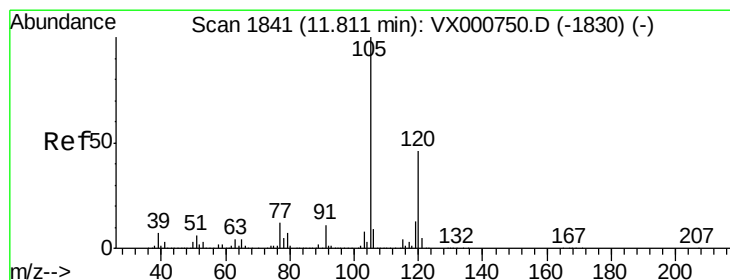
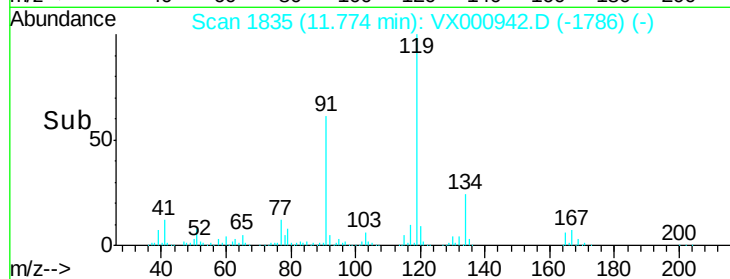
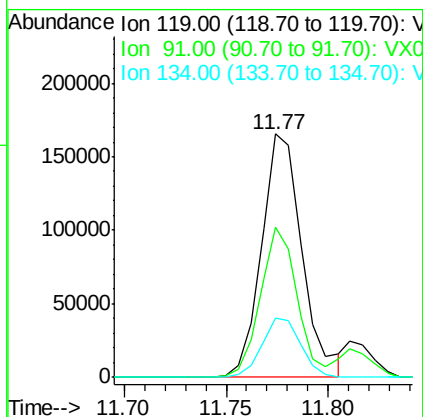
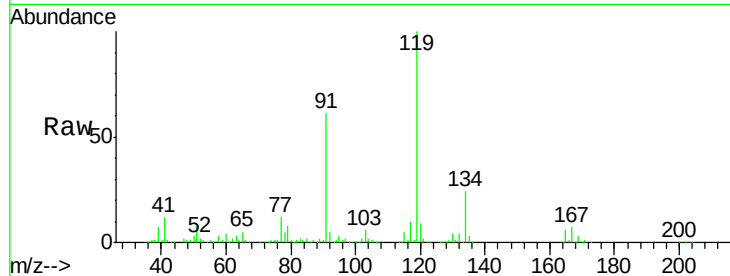




#83
 tert-Butylbenzene
 Concen: 19.838 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

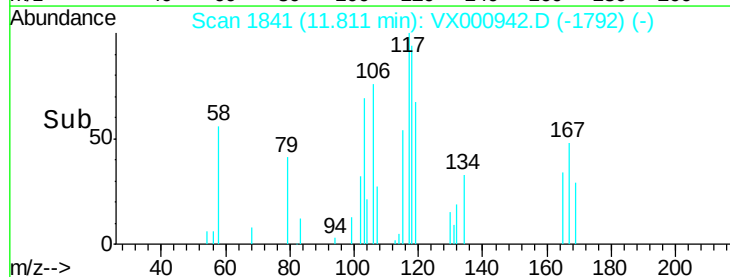
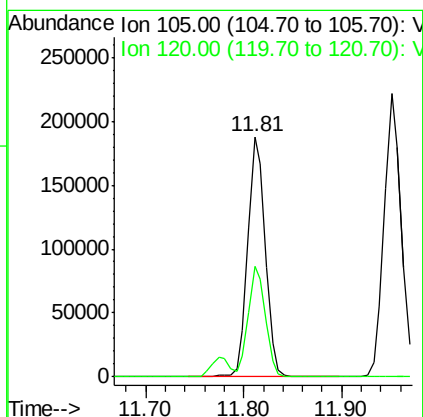
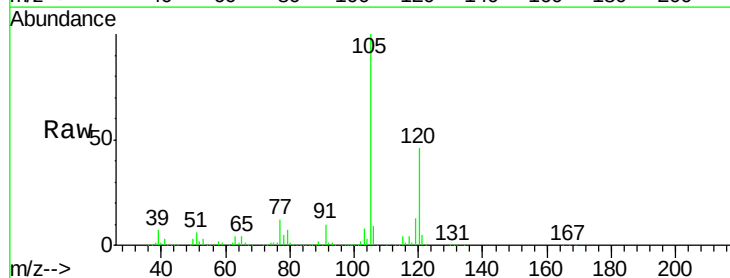
Instrument :
 MSVOA_X
 ClientSampleId :

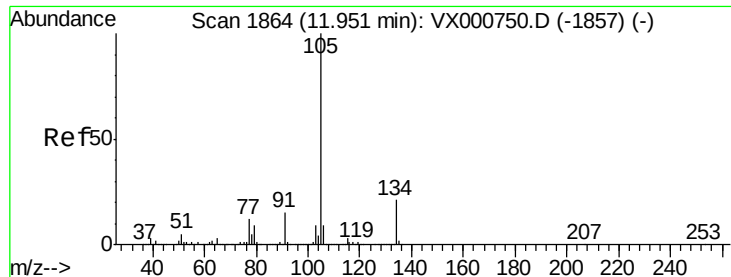
Tot Ion:119 Resp: 229162
 Ion Ratio Lower Upper
 119 100
 91 55.6 26.8 80.3
 134 23.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.062 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion:105 Resp: 233856
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.820 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

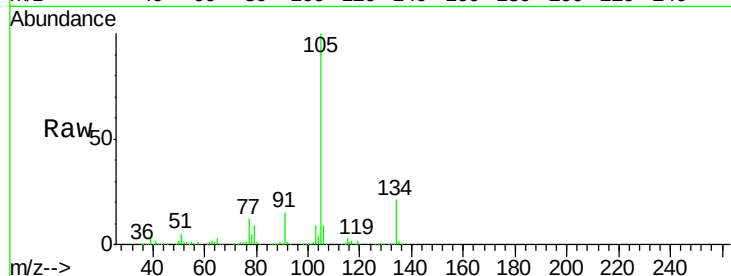
ClientSampleId :

Tot Ion:105 Resp: 270104

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

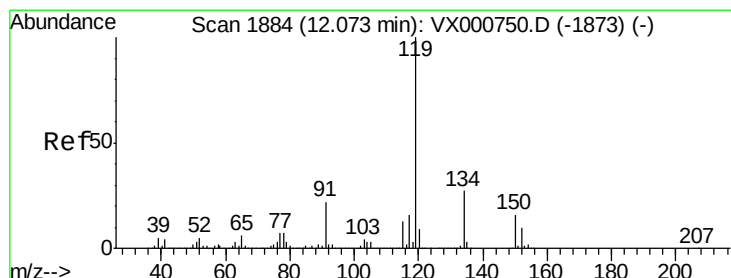
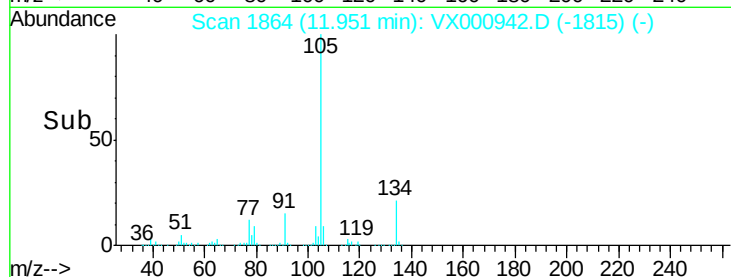
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.510 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

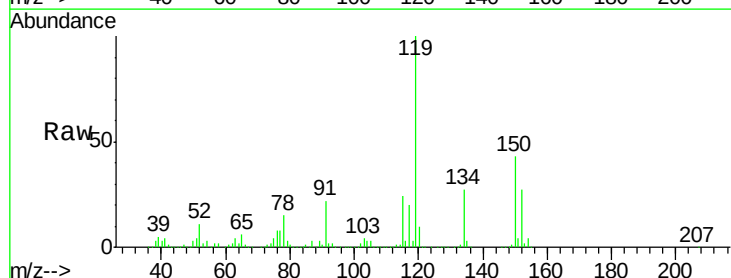
Tgt Ion:119 Resp: 247943

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.7 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

12.07

250000

200000

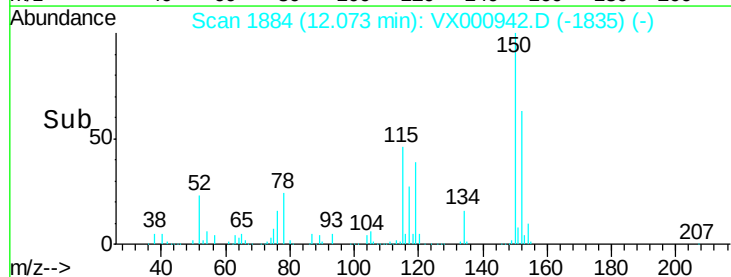
150000

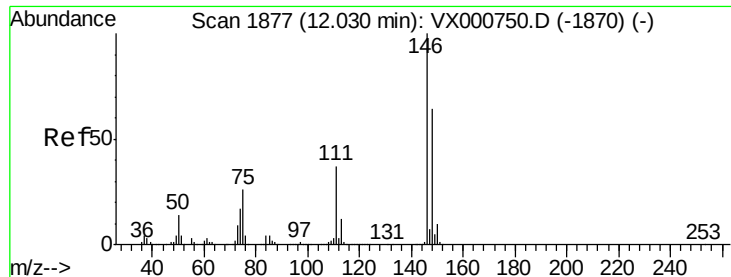
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.378 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

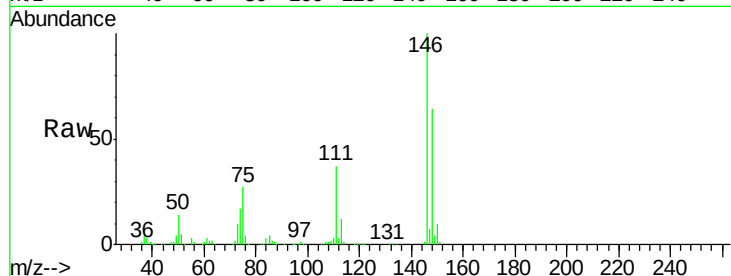
Tot Ion:146 Resp: 145130

Ion Ratio Lower Upper

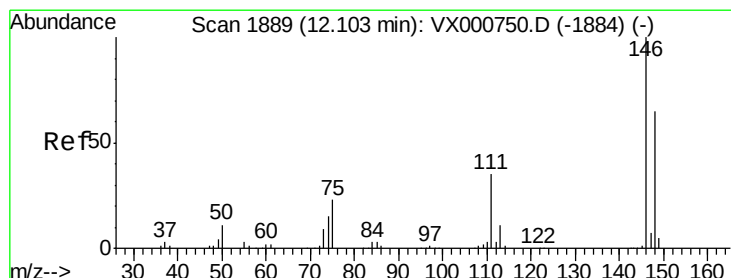
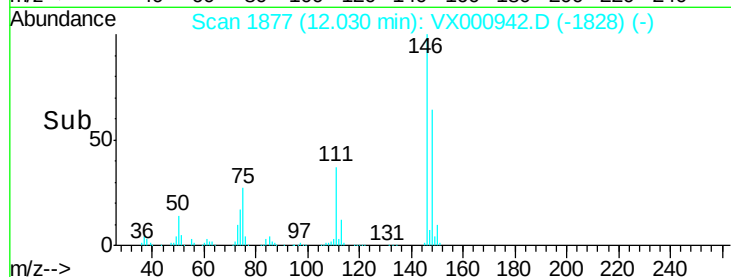
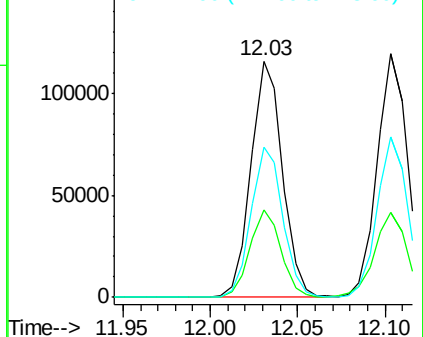
146 100

111 36.5 18.3 54.8

148 63.8 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: 20.008 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

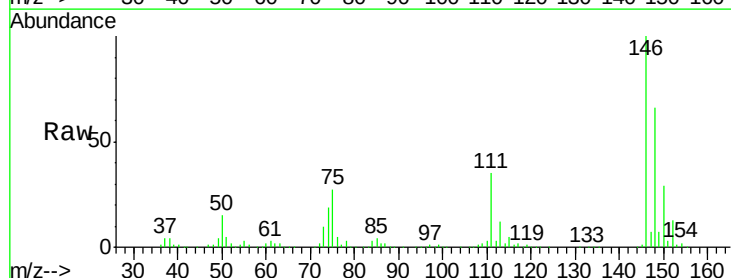
Tgt Ion:146 Resp: 146032

Ion Ratio Lower Upper

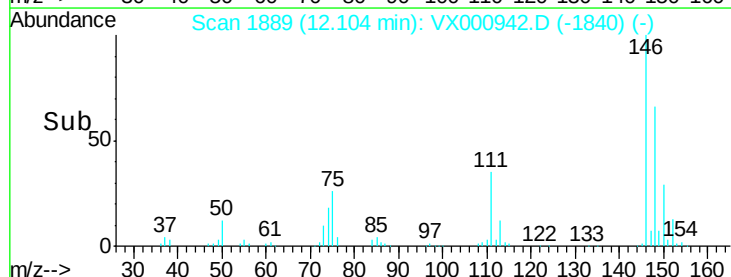
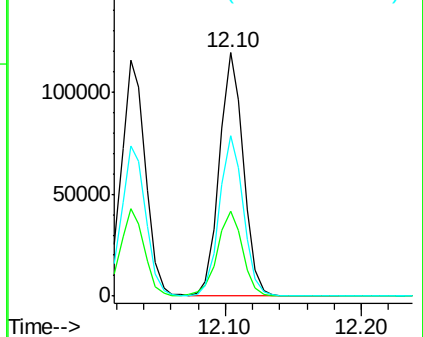
146 100

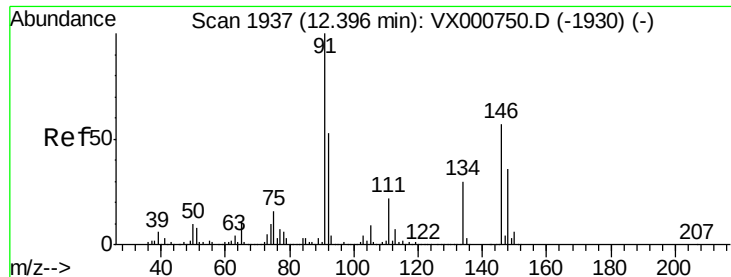
111 36.8 17.9 53.8

148 65.8 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: 18.972 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000942.D

Acq: 17 Apr 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

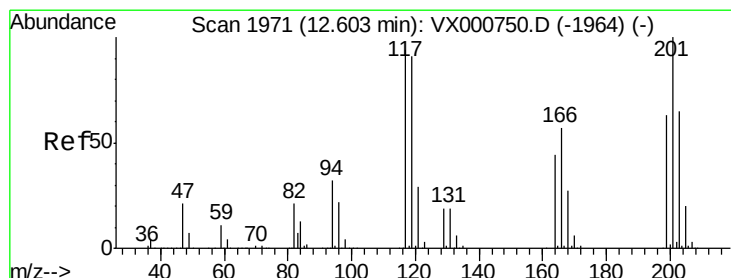
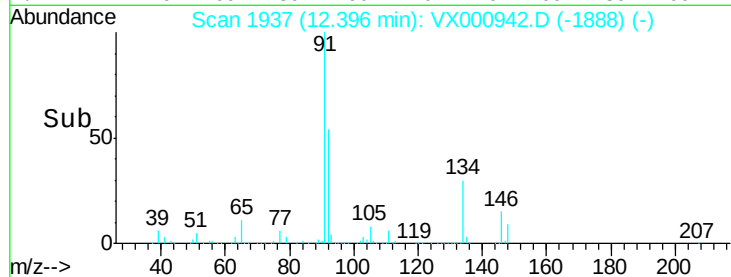
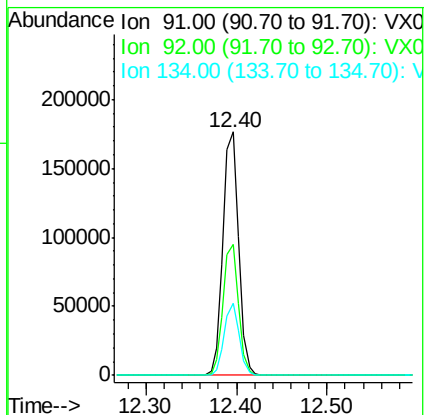
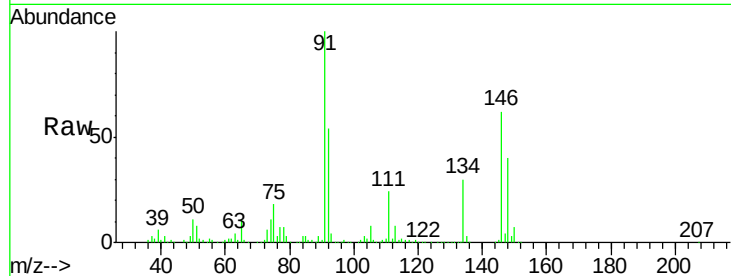
Tot Ion: 91 Resp: 212809

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 28.6 14.5 43.5



#90

Hexachloroethane

Concen: 15.987 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000942.D

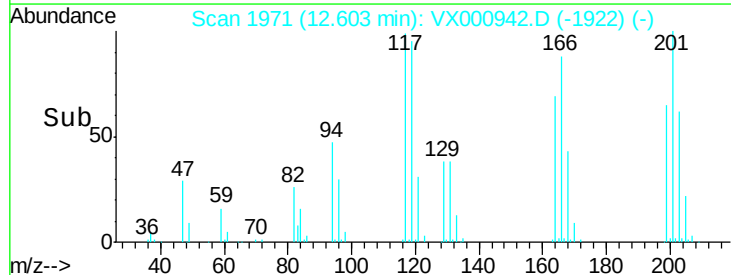
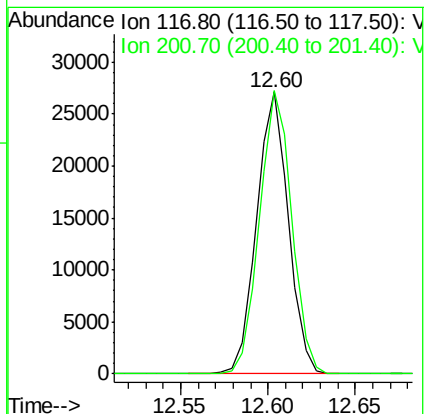
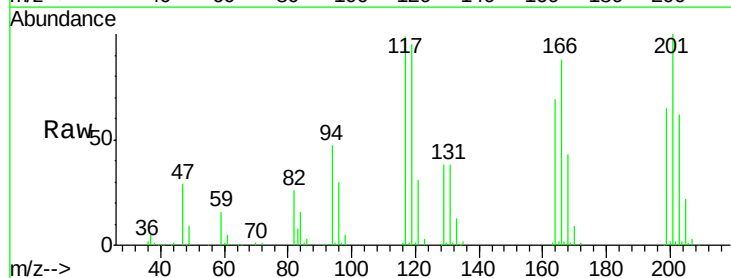
Acq: 17 Apr 2018 02:01

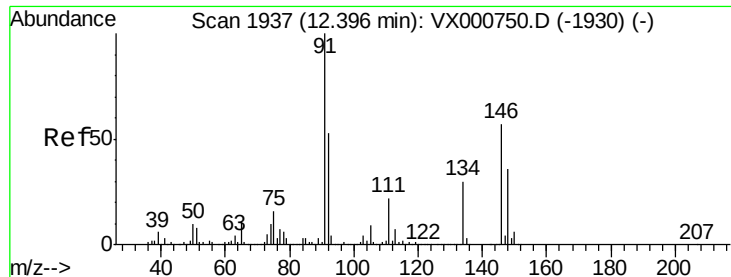
Tgt Ion: 117 Resp: 34378

Ion Ratio Lower Upper

117 100

201 102.3 52.9 158.7

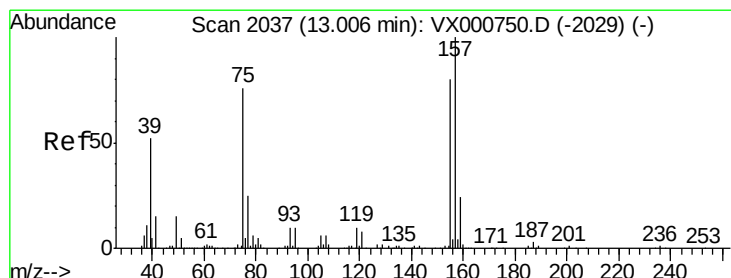
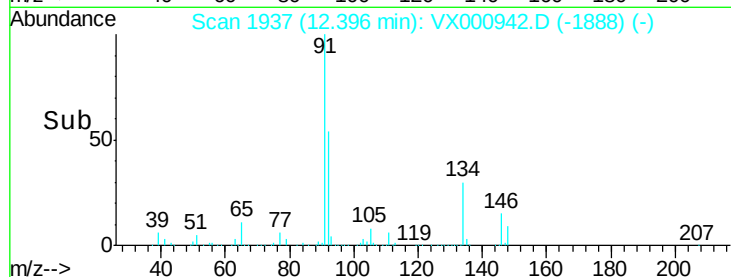
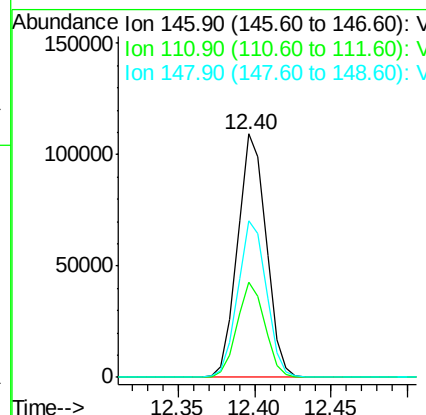
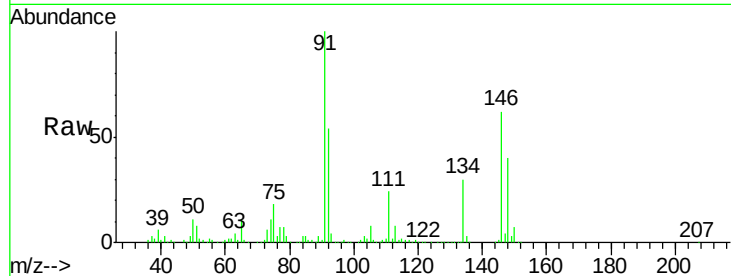




#91
 1,2-Dichlorobenzene
 Concen: 20.607 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

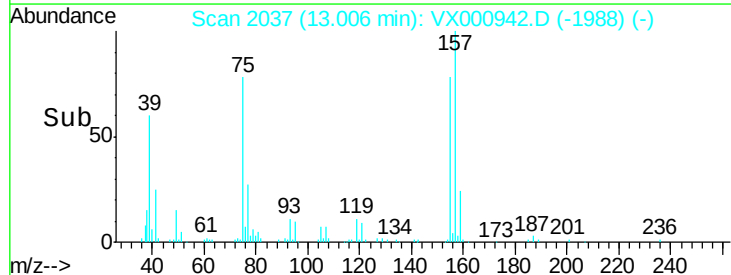
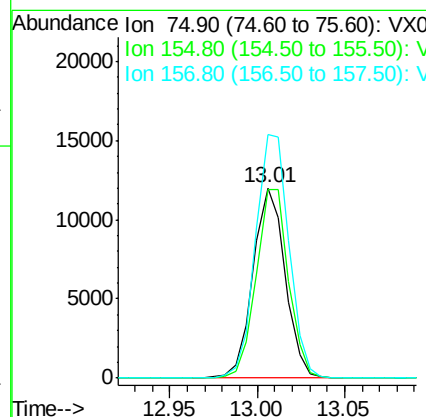
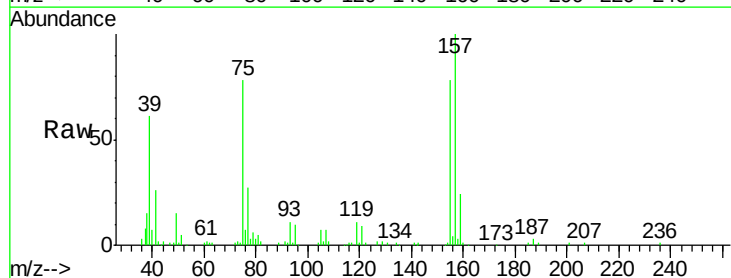
Instrument :
 MSVOA_X
 ClientSampleId :

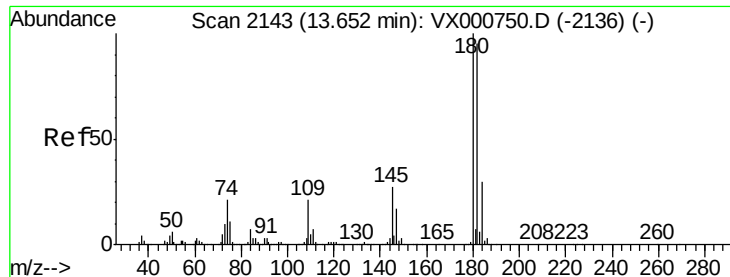
Tot Ion:146 Resp: 141678
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.7
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.085 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion: 75 Resp: 15356
 Ion Ratio Lower Upper
 75 100
 155 100.1 51.9 155.8
 157 133.1 66.6 199.8

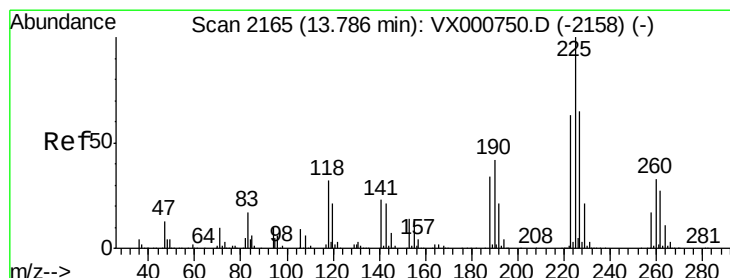
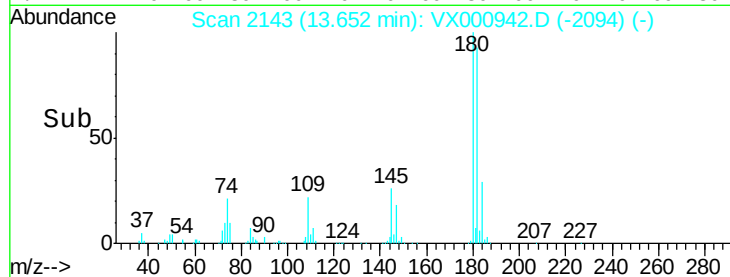
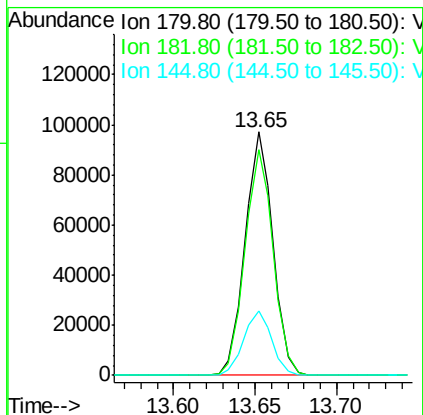
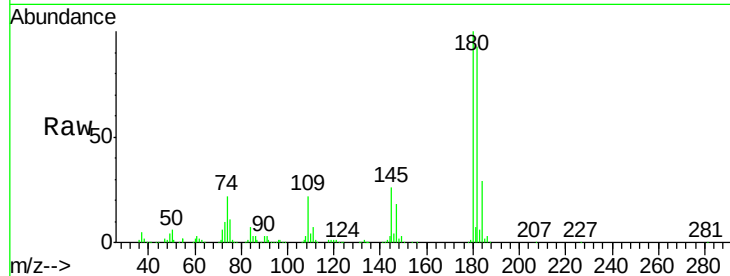




#93
 1,2,4-Trichlorobenzene
 Concen: 19.665 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

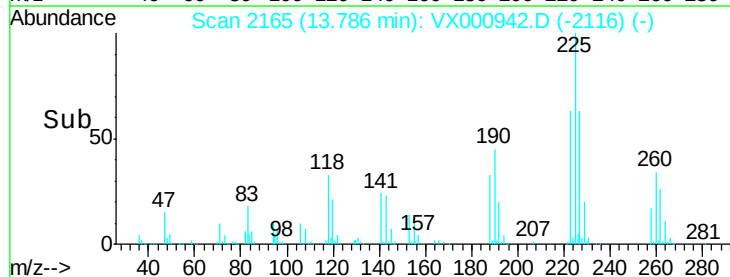
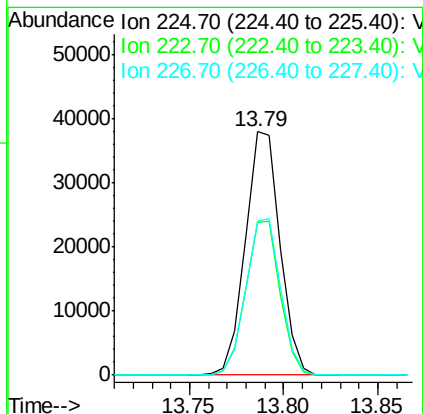
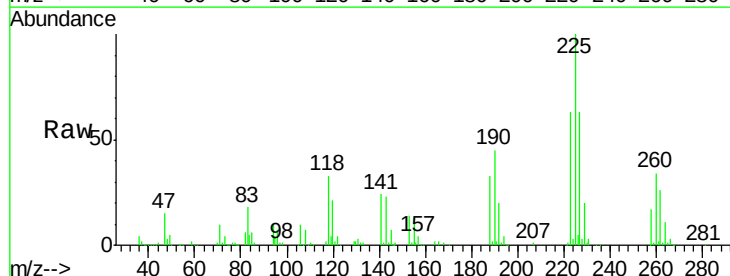
Instrument :
 MSVOA_X
 ClientSampleId :

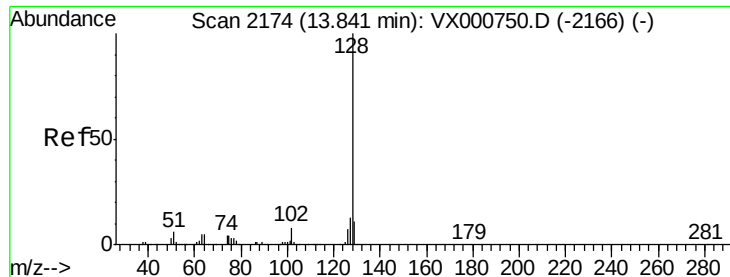
Tot Ion:180 Resp: 115371
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.5 142.5
 145 26.9 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 16.786 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000942.D
 Acq: 17 Apr 2018 02:01

Tgt Ion:225 Resp: 48424
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.2 93.6
 227 64.6 32.3 96.9

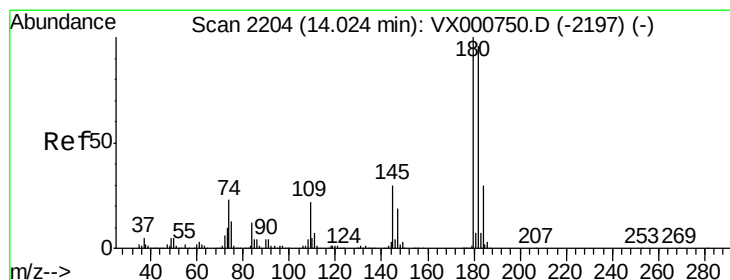
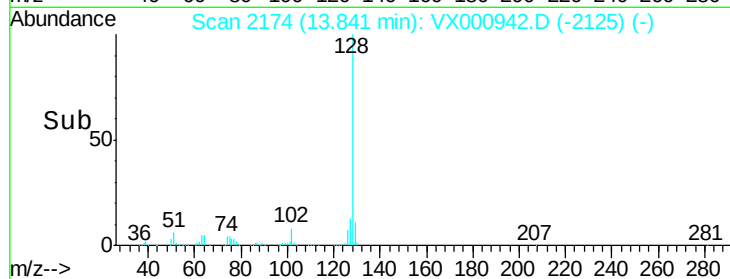
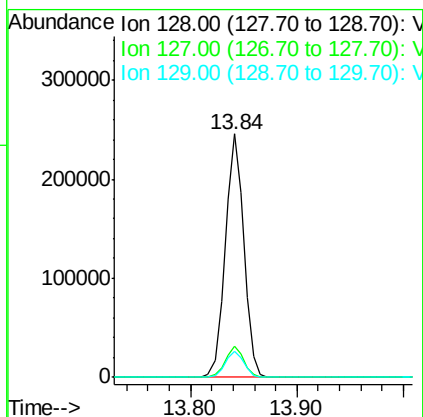
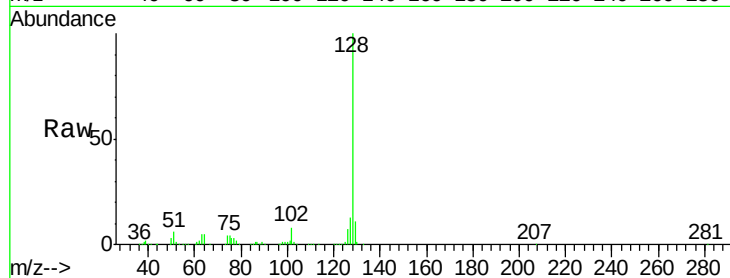




#95
Naphthalene
Concen: 19.819 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 298456
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.479 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX000942.D
Acq: 17 Apr 2018 02:01

Tgt Ion:180 Resp: 110998
Ion Ratio Lower Upper
180 100
182 97.6 48.4 145.2
145 29.6 14.6 43.8

