

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000841.D
 Acq On : 13 Apr 2018 10:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 14 05:08:23 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	258931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141170	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	5.51	113	121212	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	8.72	98	445931	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
62) 4-Bromofluorobenzene	11.15	95	182357	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	144122	49.31	ug/l	100
3) Chloromethane	1.32	50	122877	49.03	ug/l	100
4) Vinyl Chloride	1.40	62	137370	48.73	ug/l	97
5) Bromomethane	1.64	94	69916	60.21	ug/l	99
6) Chloroethane	1.73	64	83324	48.77	ug/l	99
7) Trichlorofluoromethane	1.93	101	208499	49.03	ug/l	98
8) Diethyl Ether	2.19	74	77469	48.76	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126683	50.52	ug/l	100
10) Methyl Iodide	2.51	142	82188	43.41	ug/l	99
11) Tert butyl alcohol	3.07	59	122078	210.61	ug/l	100
12) 1,1-Dichloroethene	2.38	96	113684	47.84	ug/l	99
13) Acrolein	2.29	56	43386	154.13	ug/l	98
14) Allyl chloride	2.73	41	210112	47.81	ug/l	99
15) Acrylonitrile	3.15	53	303546	245.62	ug/l	99
16) Acetone	2.45	43	263337	233.90	ug/l	100
17) Carbon Disulfide	2.57	76	320699	44.56	ug/l	100
18) Methyl Acetate	2.78	43	149930	51.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	390450	49.33	ug/l	99
20) Methylene Chloride	2.86	84	124786	47.65	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	125245	47.79	ug/l	98
22) Diisopropyl ether	3.87	45	391401	48.47	ug/l	96
23) Vinyl Acetate	3.83	43	1698330	239.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	222235	49.04	ug/l	100
25) 2-Butanone	4.71	43	442903	238.22	ug/l	99
26) 2,2-Dichloropropane	4.59	77	213063	47.37	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	146892	49.39	ug/l	99
28) Bromochloromethane	5.03	49	90950	49.84	ug/l	98
29) Tetrahydrofuran	5.17	42	278068	235.55	ug/l	99
30) Chloroform	5.22	83	239098	49.83	ug/l	97
31) Cyclohexane	5.58	56	207586	48.24	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	221004	48.35	ug/l	100
36) 1,1-Dichloropropene	5.81	75	182606	48.49	ug/l	99
37) Ethyl Acetate	4.87	43	175319	47.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	199688	47.38	ug/l	100

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Quant Time: Apr 14 05:08:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227583	50.33	ug/l	99
40) Benzene	6.15	78	524368	50.12	ug/l	100
41) Methacrylonitrile	5.07	41	105468	49.66	ug/l	98
42) 1,2-Dichloroethane	6.20	62	191816	49.09	ug/l	100
43) Isopropyl Acetate	6.47	43	305248	48.43	ug/l	100
44) Trichloroethene	7.22	130	161709	49.70	ug/l	95
45) 1,2-Dichloropropane	7.52	63	131920	49.51	ug/l	99
46) Dibromomethane	7.67	93	91681	49.36	ug/l	99
47) Bromodichloromethane	7.90	83	183789	49.02	ug/l	100
48) Methyl methacrylate	7.79	41	160889	49.25	ug/l	99
49) 1,4-Dioxane	7.76	88	54572	831.25	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	908598	245.43	ug/l	98
52) Toluene	8.79	92	347090	50.00	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	224100	49.83	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	215391	49.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	138963	50.43	ug/l	99
56) Ethyl methacrylate	9.19	69	211455	49.74	ug/l	98
57) 1,3-Dichloropropane	9.38	76	223562	51.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	354453	178.47	ug/l	100
59) 2-Hexanone	9.51	43	695833	243.46	ug/l	100
60) Dibromochloromethane	9.59	129	164215	49.80	ug/l	100
61) 1,2-Dibromoethane	9.68	107	148299	50.73	ug/l	99
64) Tetrachloroethene	9.34	164	162449	51.10	ug/l	99
65) Chlorobenzene	10.15	112	409574	50.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	151980	49.37	ug/l	99
67) Ethyl Benzene	10.26	91	674768	49.48	ug/l	100
68) m/p-Xylenes	10.37	106	540757	100.47	ug/l	99
69) o-Xylene	10.71	106	263975	50.89	ug/l	98
70) Styrene	10.72	104	438904	50.18	ug/l	100
71) Bromoform	10.87	173	135689	47.60	ug/l	100
73) Isopropylbenzene	11.02	105	708793	50.02	ug/l	100
74) N-amyl acetate	6.47	43	305248	47.84	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200157	48.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	239698	62.22	ug/l	85
77) Bromobenzene	11.26	156	205498	49.48	ug/l	99
78) n-propylbenzene	11.37	91	809797	49.96	ug/l	100
79) 2-Chlorotoluene	11.43	91	472856	49.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	601295	49.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	63787	45.55	ug/l	98
82) 4-Chlorotoluene	11.52	91	564389	48.81	ug/l	99
83) tert-Butylbenzene	11.77	119	622527	49.93	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	623931	49.59	ug/l	100
85) sec-Butylbenzene	11.95	105	742253	50.47	ug/l	100
86) p-Isopropyltoluene	12.07	119	689918	50.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	381959	49.69	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	388439	49.31	ug/l	99
89) n-Butylbenzene	12.40	91	614784	50.78	ug/l	100
90) Hexachloroethane	12.60	117	109502	47.18	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	367702	49.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45116	43.79	ug/l	98

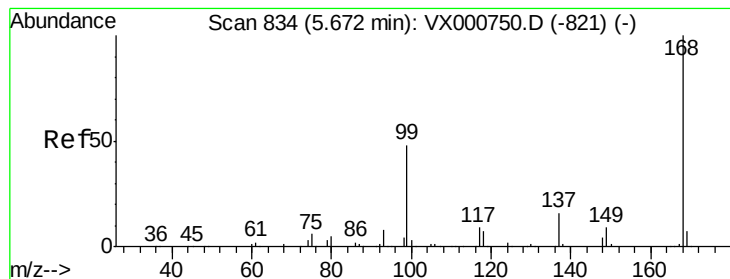
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
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VSTDCCC050

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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	320895	50.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	163642	52.56	ug/l	100
95) Naphthalene	13.84	128	807216	49.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	307771	50.04	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

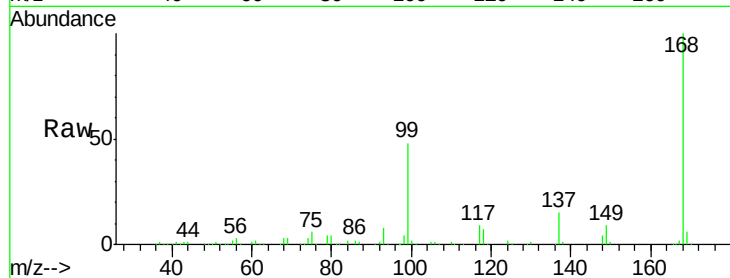
VSTDCCC050

Tgt Ion:168 Resp: 258931

Ion Ratio Lower Upper

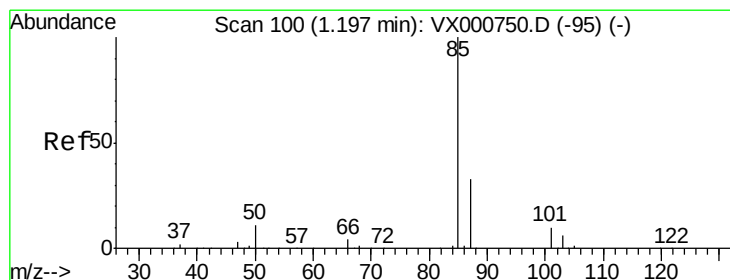
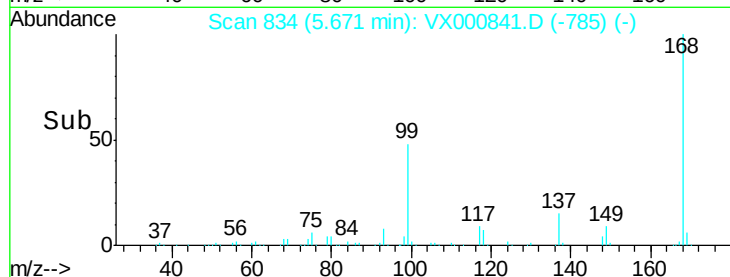
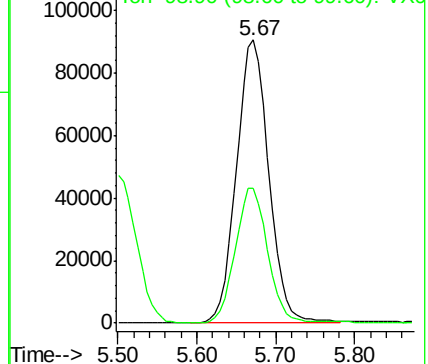
168 100

99 47.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000841.D

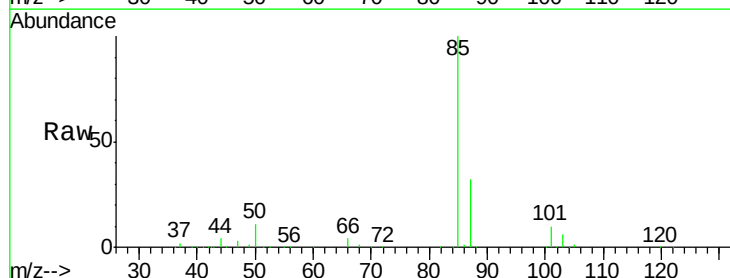
Acq: 13 Apr 2018 10:50

Tgt Ion: 85 Resp: 144122

Ion Ratio Lower Upper

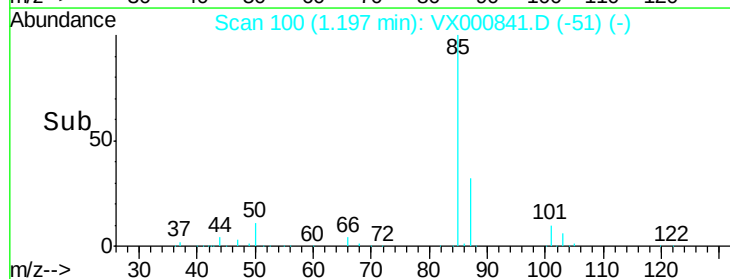
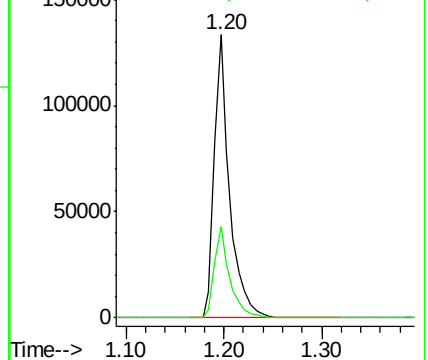
85 100

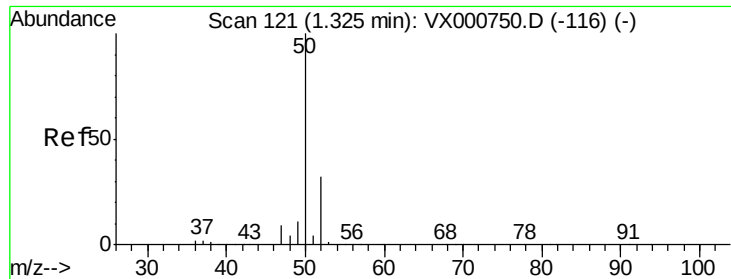
87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

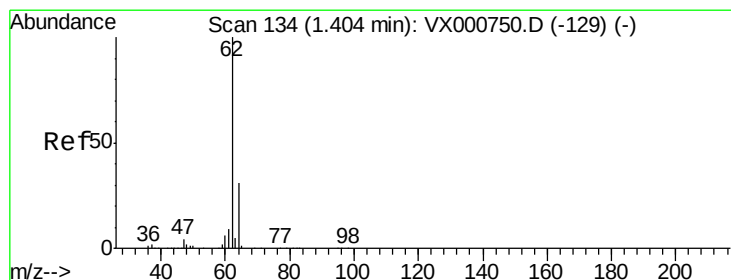
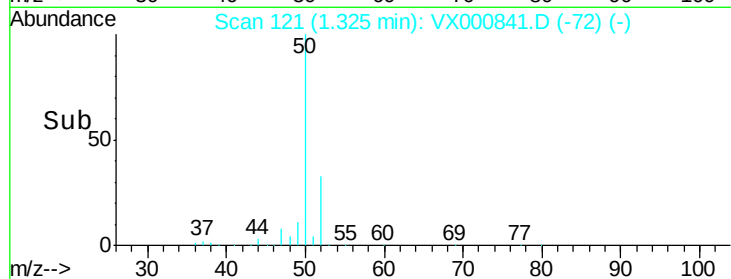
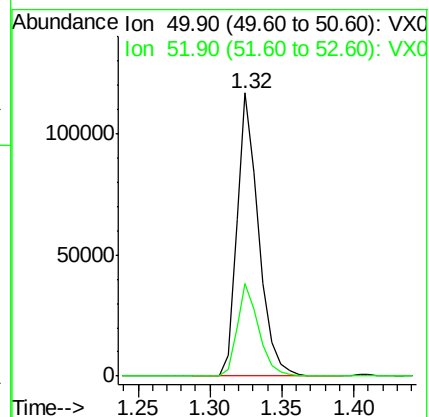
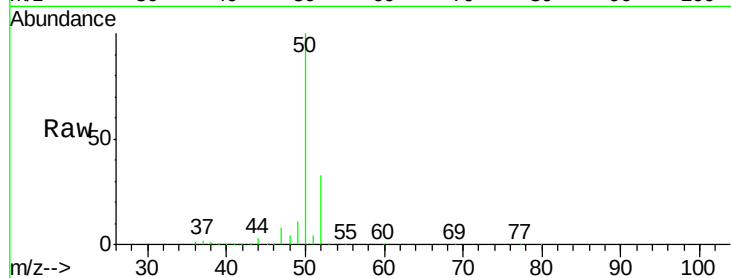
VSTDCCC050

Tgt Ion: 50 Resp: 122877

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.8



#4

Vinyl Chloride

Concen: 48.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000841.D

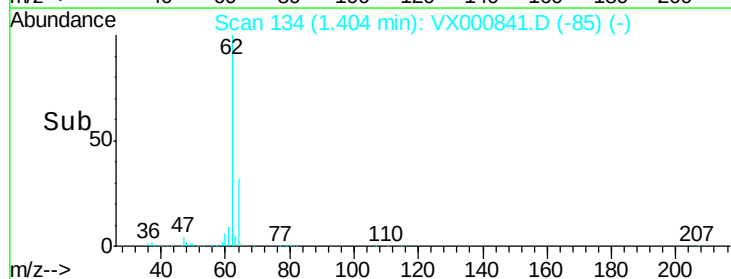
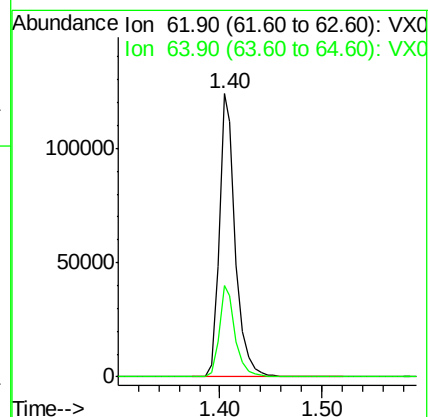
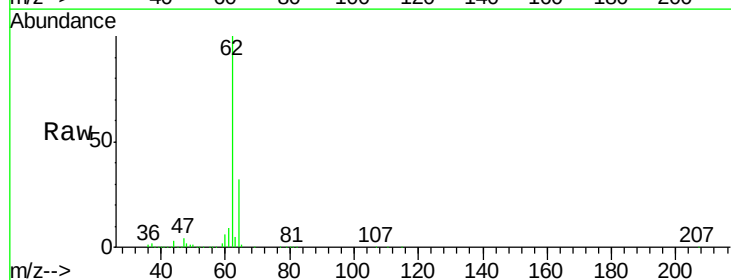
Acq: 13 Apr 2018 10:50

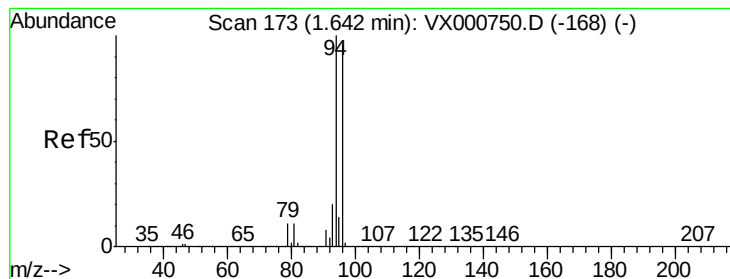
Tgt Ion: 62 Resp: 137370

Ion Ratio Lower Upper

62 100

64 32.2 24.6 36.8





#5

Bromomethane

Concen: 60.21 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

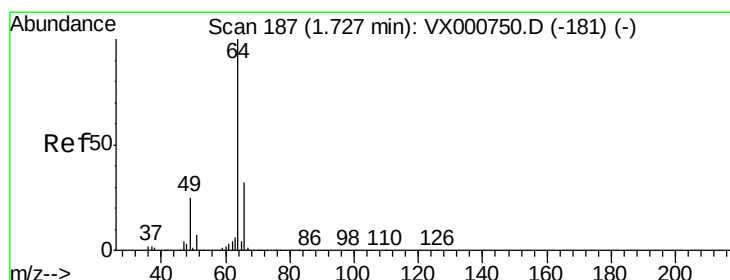
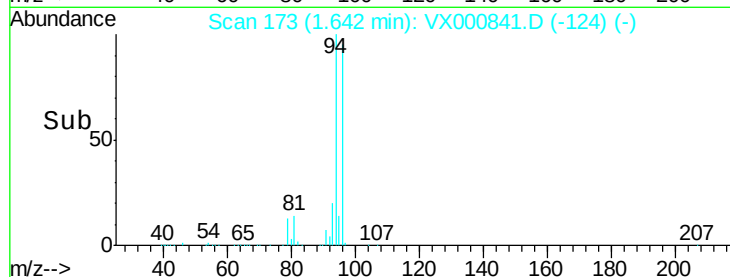
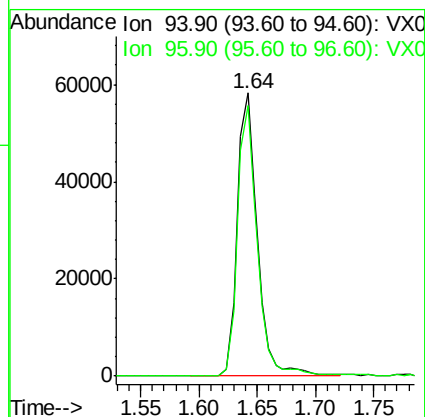
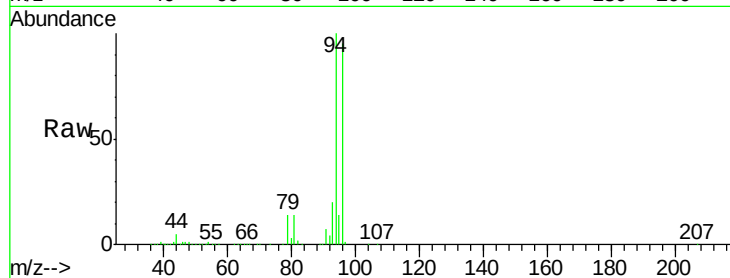
VSTDCCC050

Tgt Ion: 94 Resp: 69916

Ion Ratio Lower Upper

94 100

96 95.5 77.0 115.6



#6

Chloroethane

Concen: 48.77 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000841.D

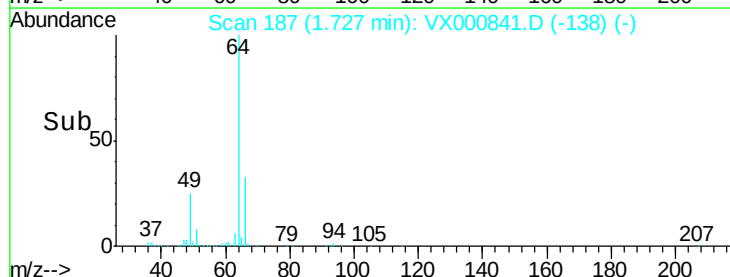
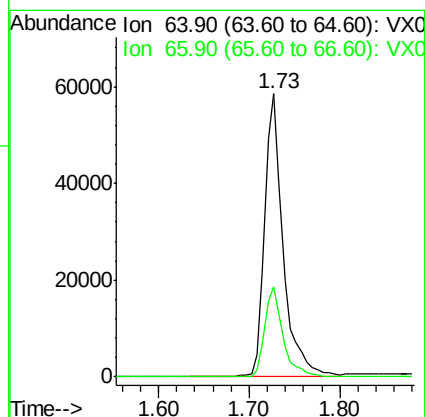
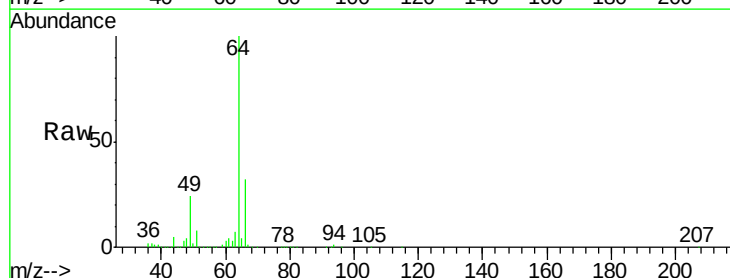
Acq: 13 Apr 2018 10:50

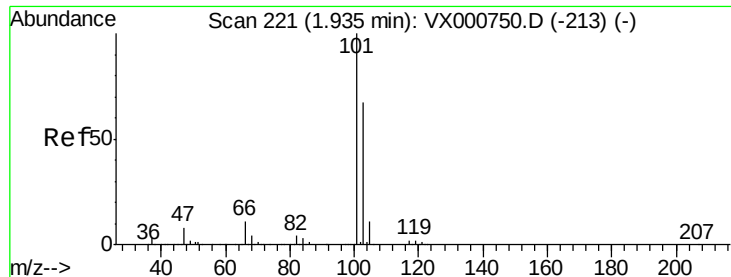
Tgt Ion: 64 Resp: 83324

Ion Ratio Lower Upper

64 100

66 31.9 25.3 37.9



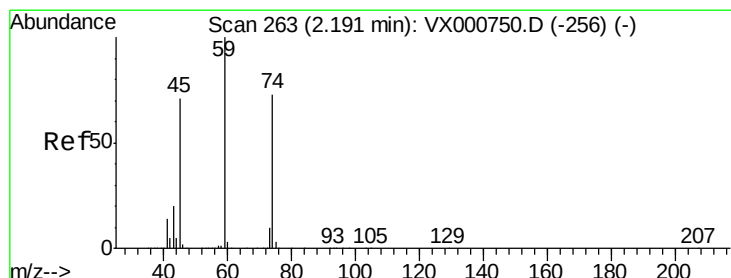
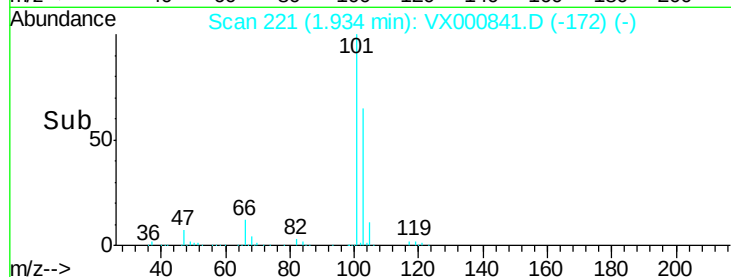
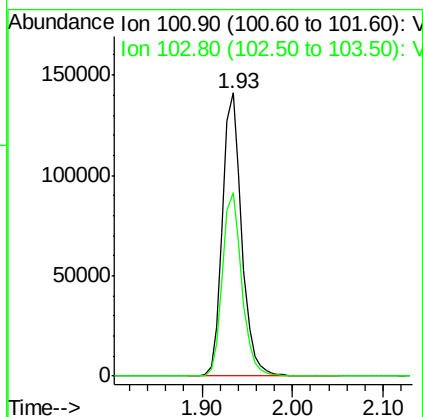
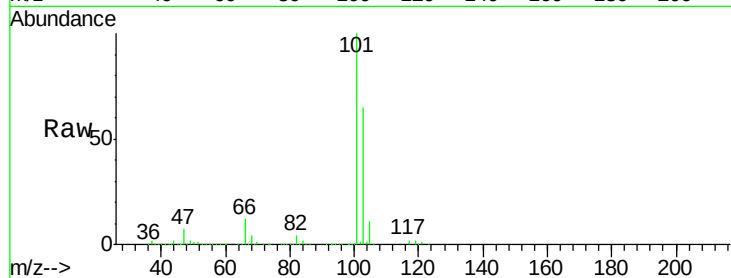


#7

Trichlorofluoromethane
Concen: 49.03 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

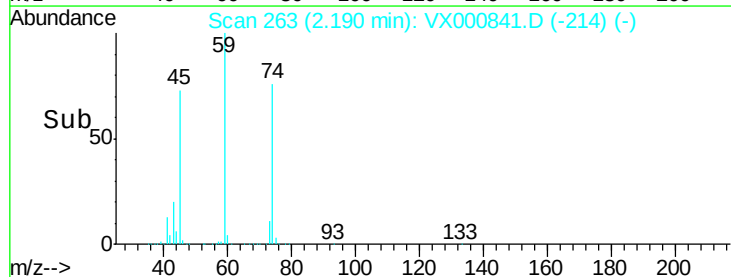
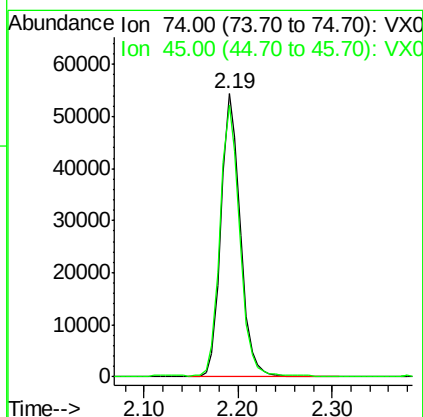
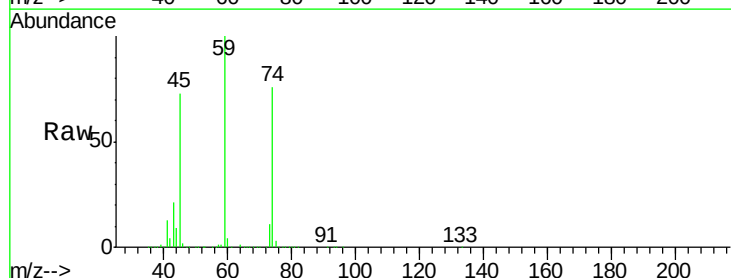
Tgt Ion:101 Resp: 208499
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8

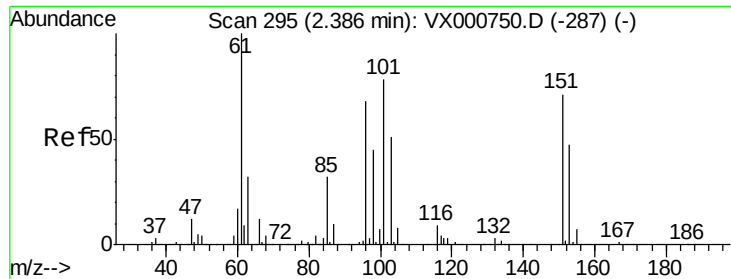


#8

Diethyl Ether
Concen: 48.76 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion: 74 Resp: 77469
Ion Ratio Lower Upper
74 100
45 97.4 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.52 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

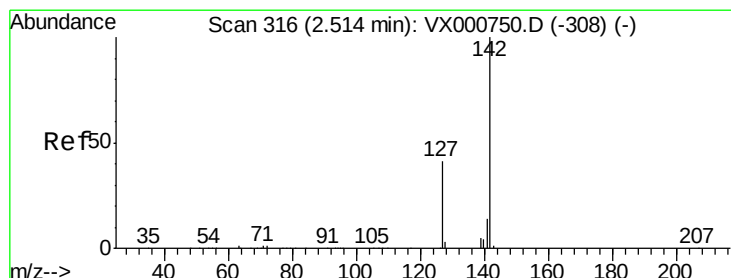
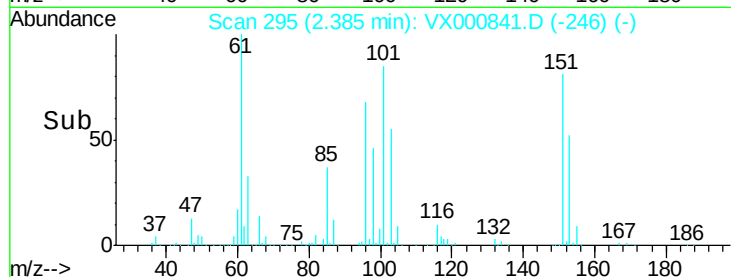
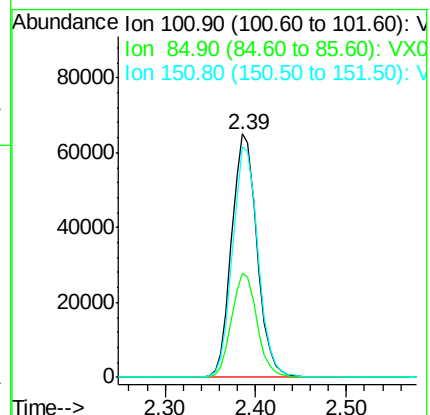
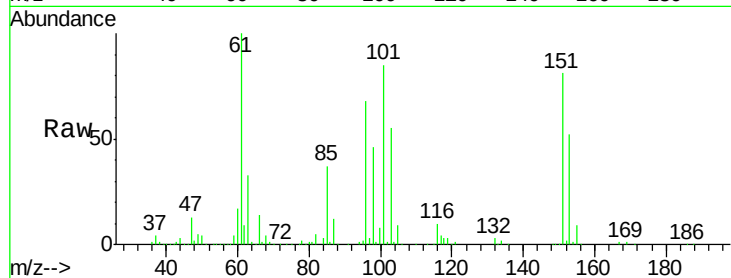
Tgt Ion:101 Resp: 126683

Ion Ratio Lower Upper

101 100

85 42.8 34.0 51.0

151 95.1 75.8 113.8



#10

Methyl Iodide

Concen: 43.41 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

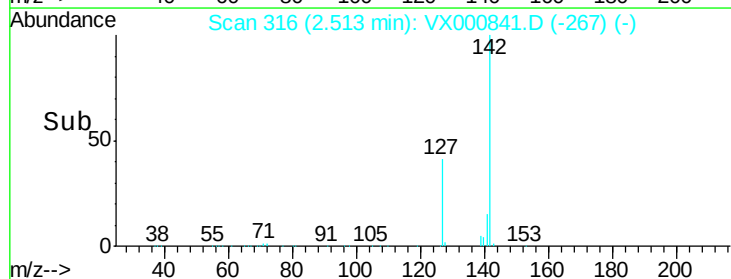
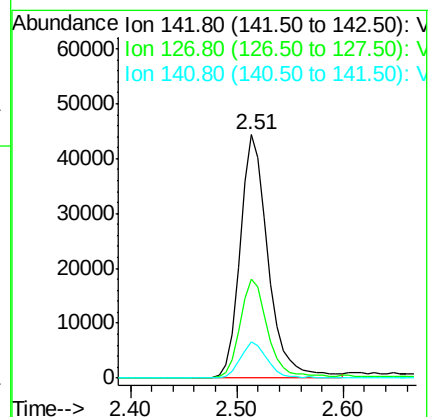
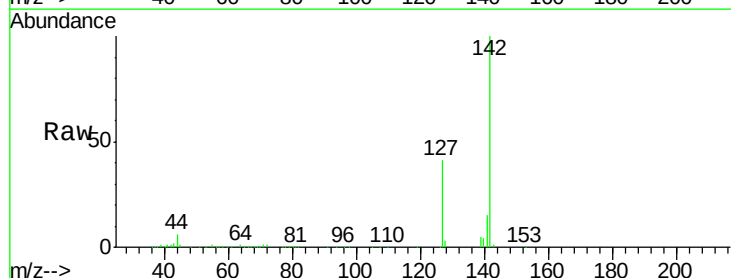
Tgt Ion:142 Resp: 82188

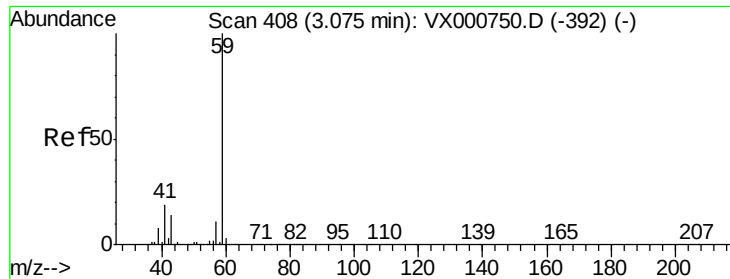
Ion Ratio Lower Upper

142 100

127 40.4 32.6 49.0

141 14.8 11.5 17.3

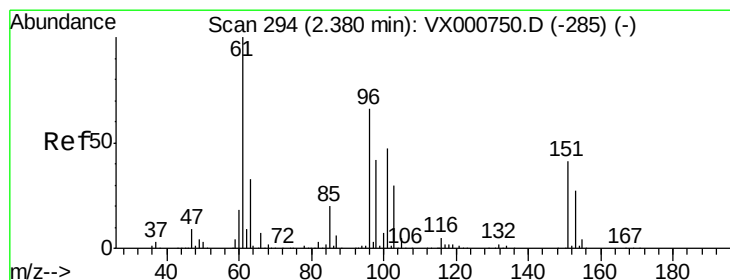
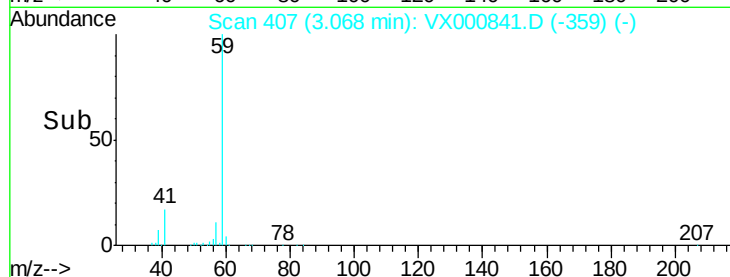
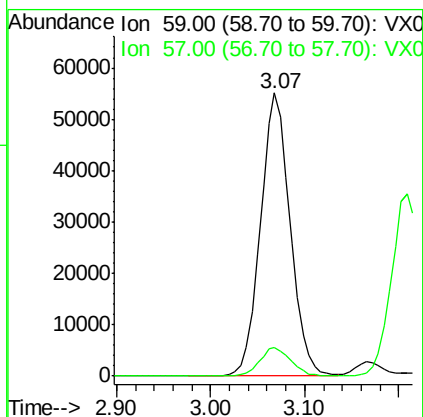
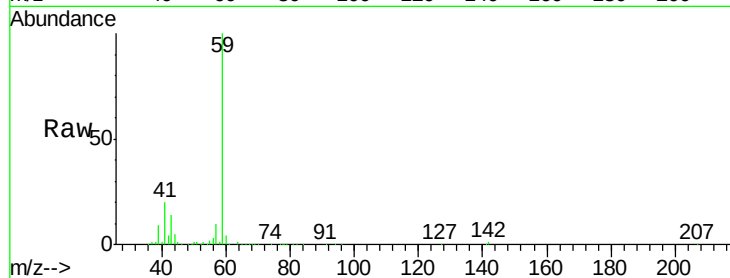




#11
Tert butyl alcohol
Concen: 210.61 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

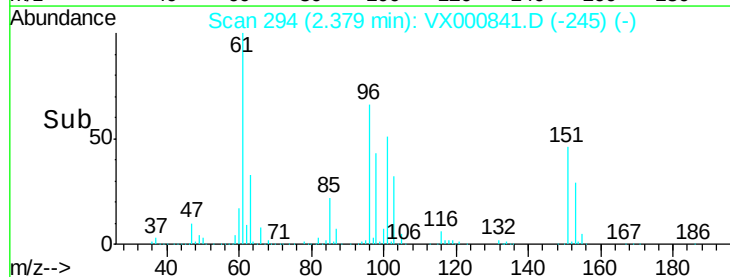
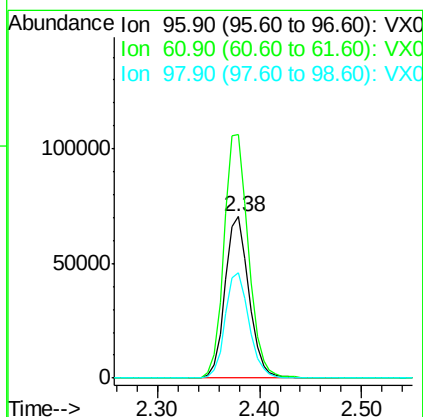
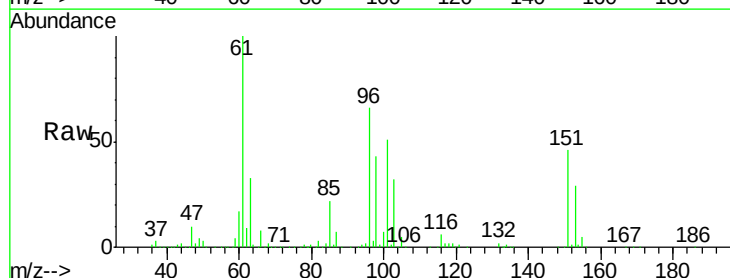
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

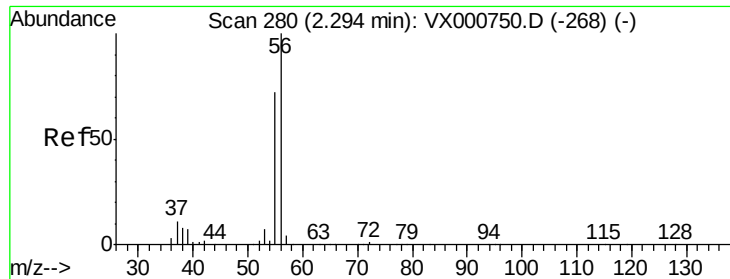
Tgt Ion: 59 Resp: 122078
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 47.84 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion: 96 Resp: 113684
Ion Ratio Lower Upper
96 100
61 151.0 120.5 180.7
98 65.5 50.9 76.3





#13

Acrolein

Concen: 154.13 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

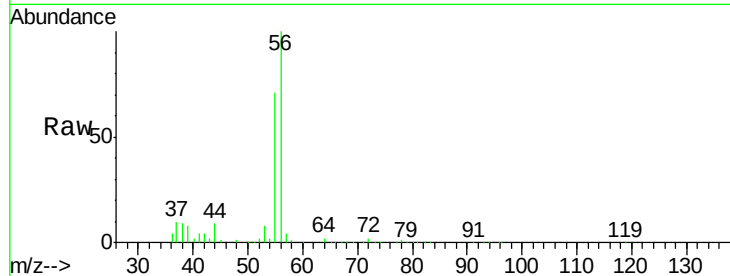
VSTDCCC050

Tgt Ion: 56 Resp: 43386

Ion Ratio Lower Upper

56 100

55 71.5 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

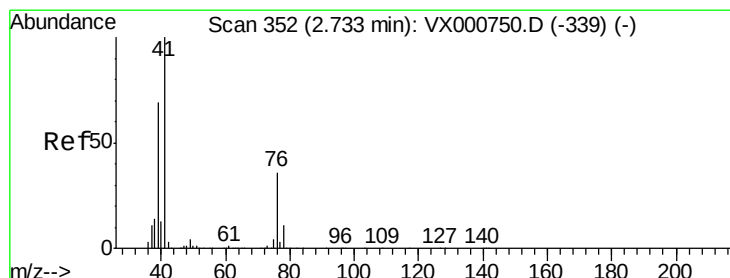
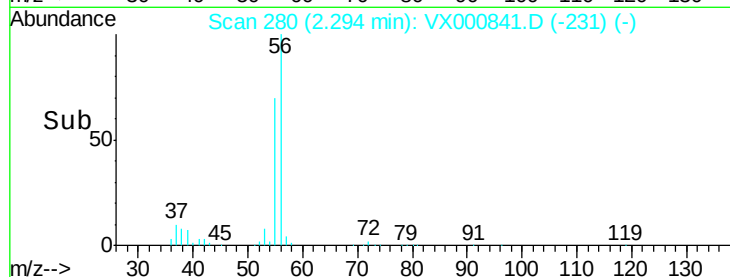
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 47.81 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

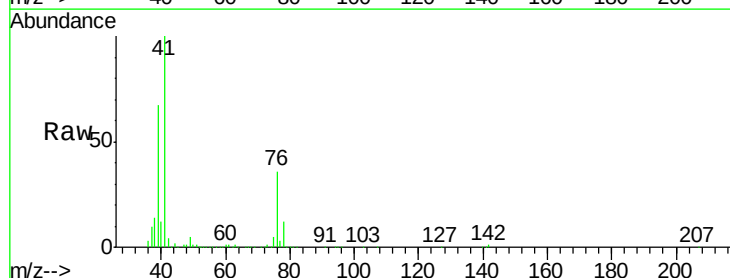
Tgt Ion: 41 Resp: 210112

Ion Ratio Lower Upper

41 100

39 63.6 51.5 77.3

76 33.0 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

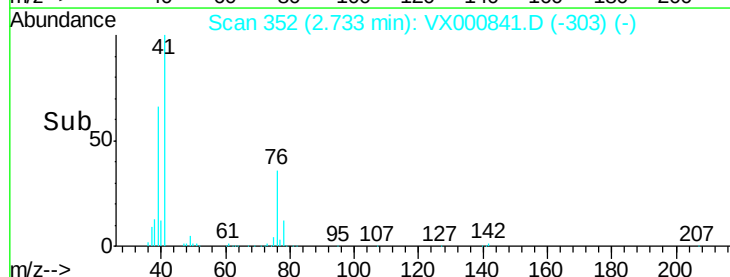
150000

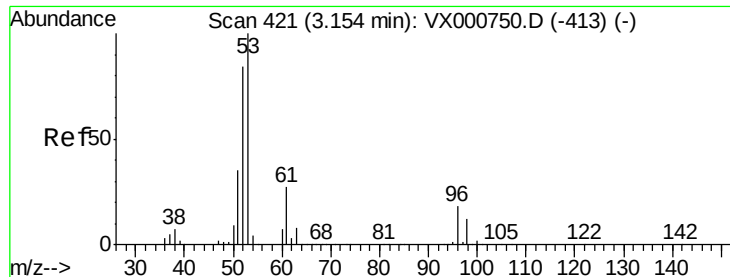
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 245.62 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

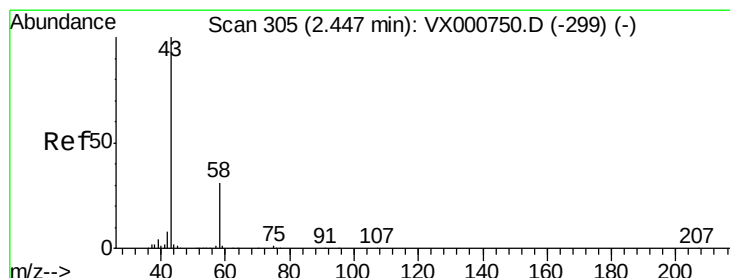
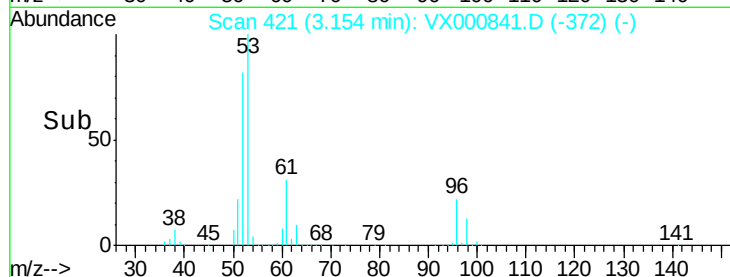
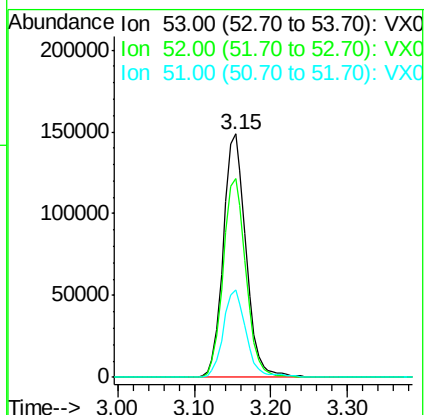
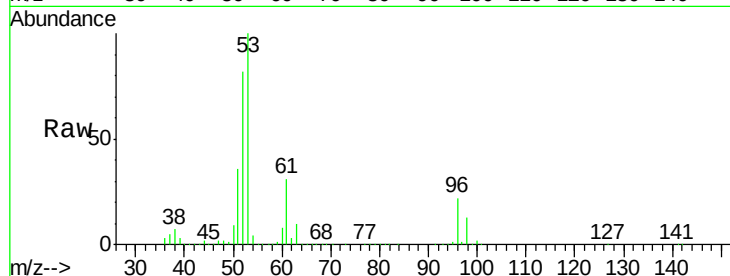
Tgt Ion: 53 Resp: 303546

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

51 36.2 28.8 43.2



#16

Acetone

Concen: 233.90 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000841.D

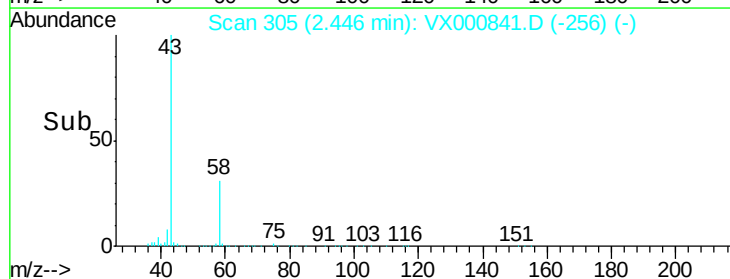
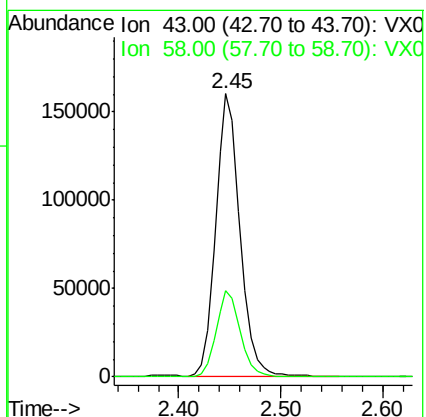
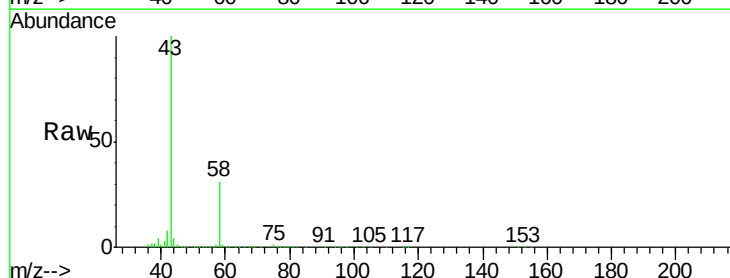
Acq: 13 Apr 2018 10:50

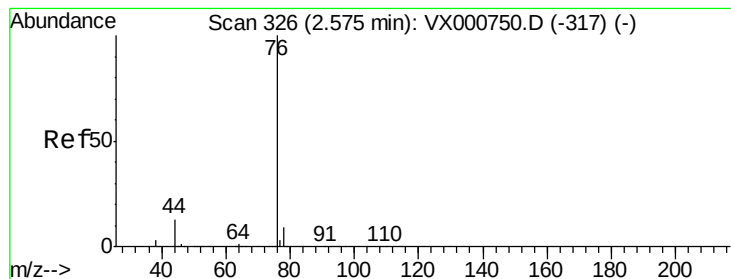
Tgt Ion: 43 Resp: 263337

Ion Ratio Lower Upper

43 100

58 30.7 24.6 37.0





#17

Carbon Disulfide

Concen: 44.56 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

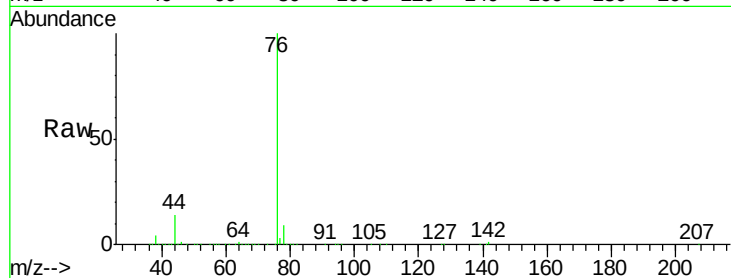
VSTDCCC050

Tgt Ion: 76 Resp: 320699

Ion Ratio Lower Upper

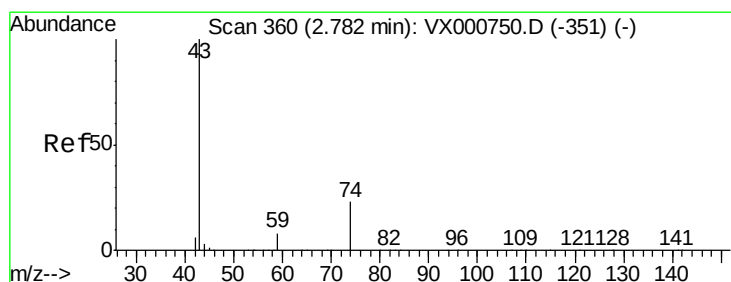
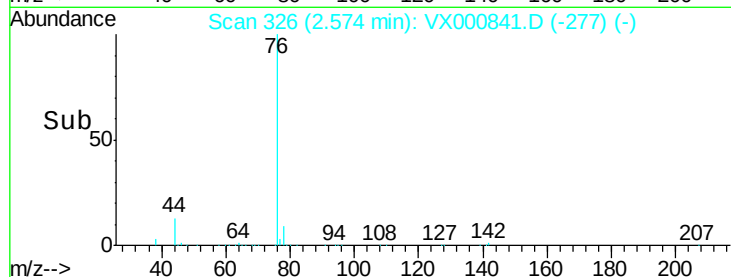
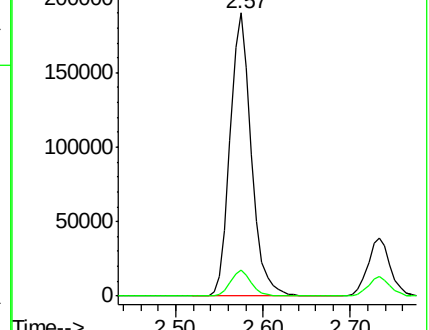
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.46 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000841.D

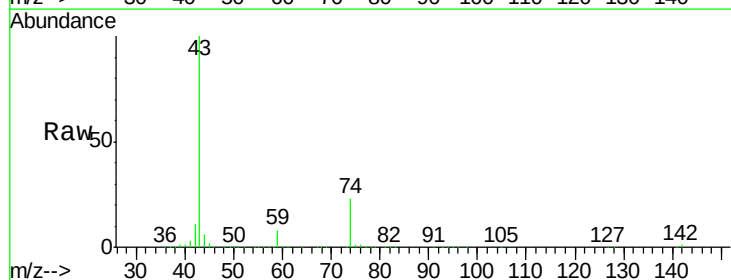
Acq: 13 Apr 2018 10:50

Tgt Ion: 43 Resp: 149930

Ion Ratio Lower Upper

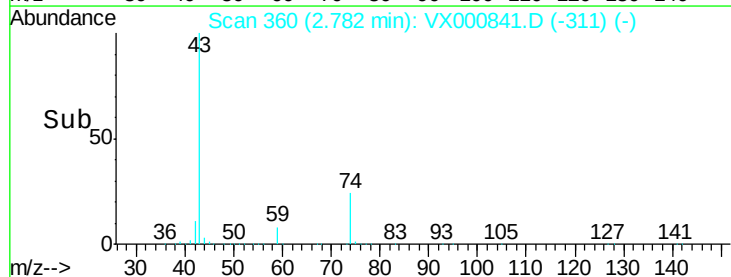
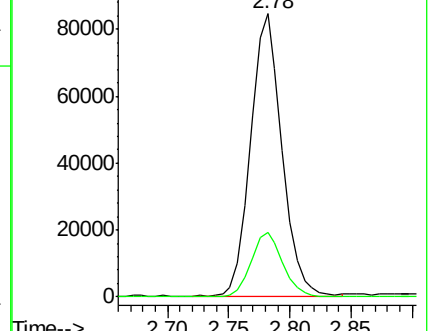
43 100

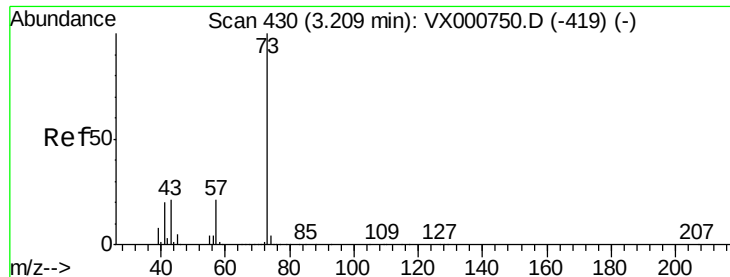
74 23.6 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

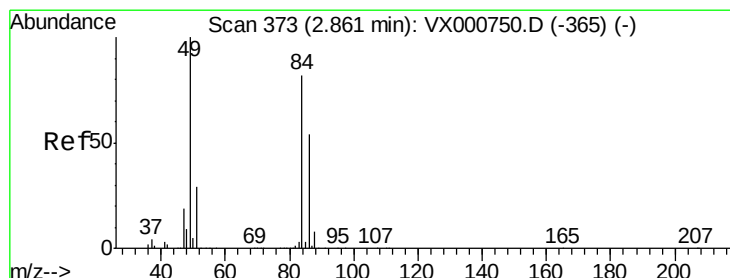
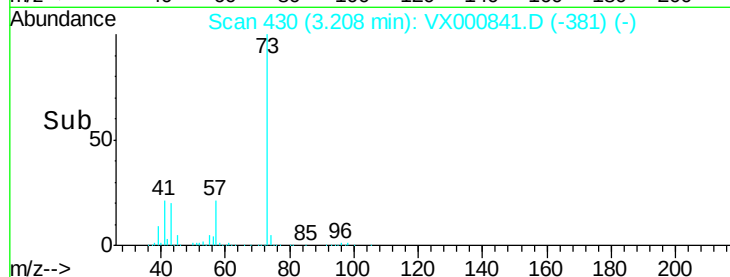
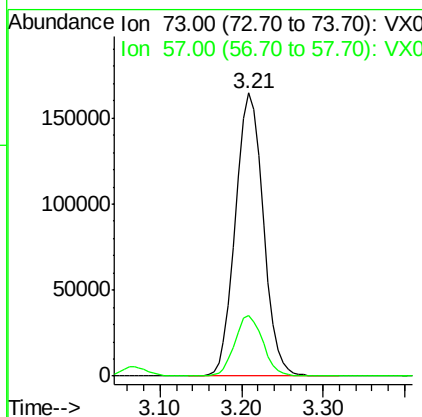
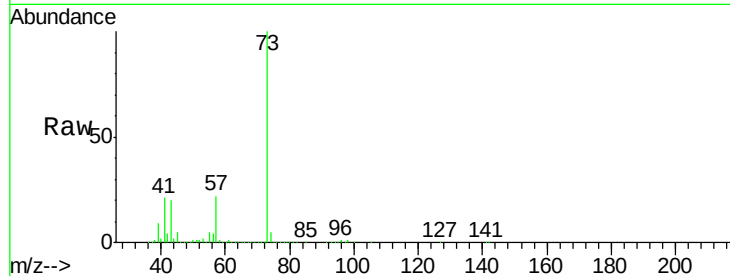




#19
Methyl tert-butyl Ether
Concen: 49.33 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

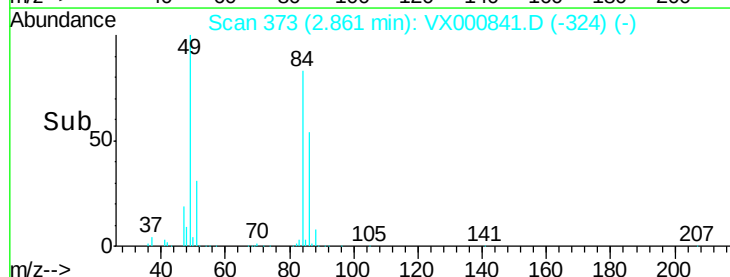
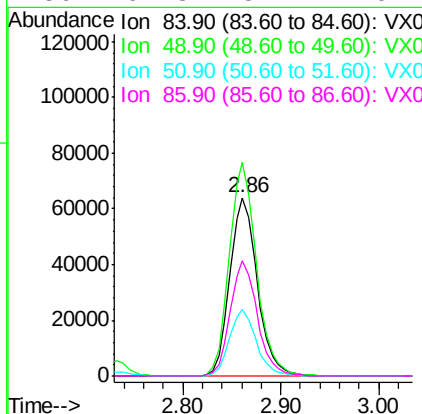
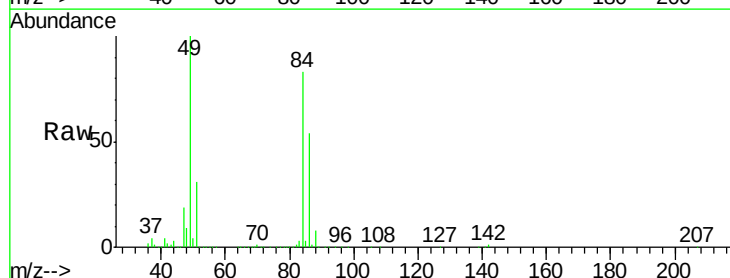
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

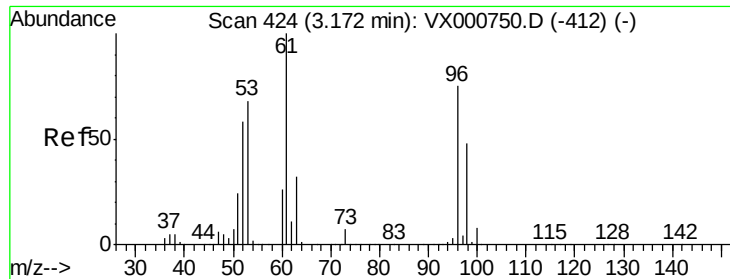
Tgt Ion: 73 Resp: 390450
Ion Ratio Lower Upper
73 100
57 21.5 16.9 25.3



#20
Methylene Chloride
Concen: 47.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion: 84 Resp: 124786
Ion Ratio Lower Upper
84 100
49 119.8 98.1 147.1
51 37.5 28.9 43.3
86 64.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 47.79 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

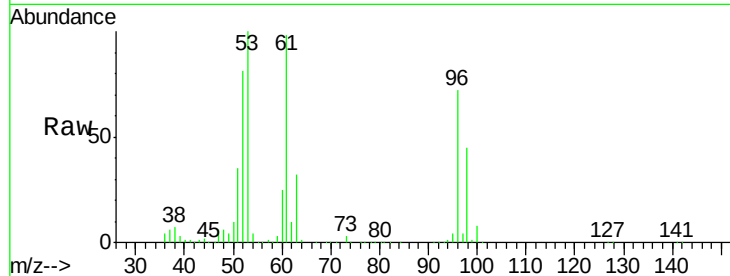
Tgt Ion: 96 Resp: 125245

Ion Ratio Lower Upper

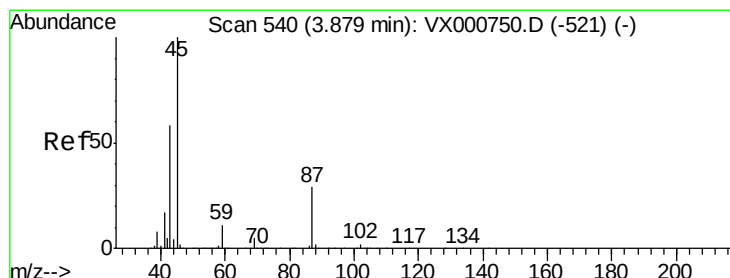
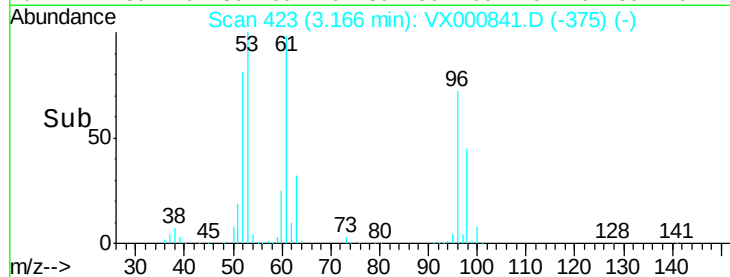
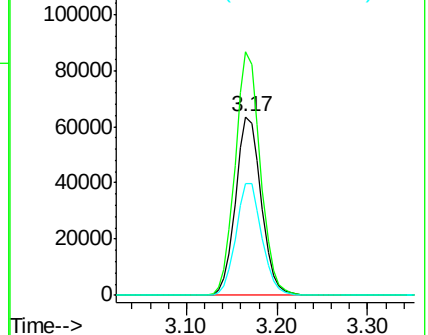
96 100

61 136.2 106.2 159.2

98 62.9 51.2 76.8



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



#22

Diisopropyl ether

Concen: 48.47 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion: 45 Resp: 391401

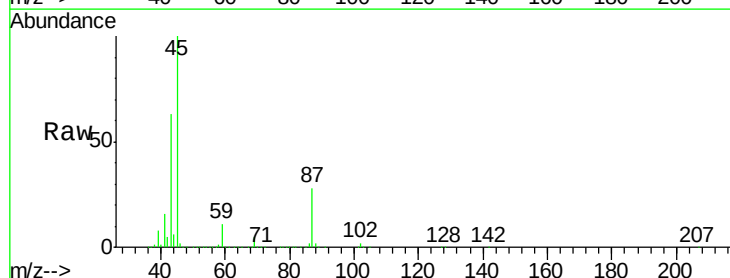
Ion Ratio Lower Upper

45 100

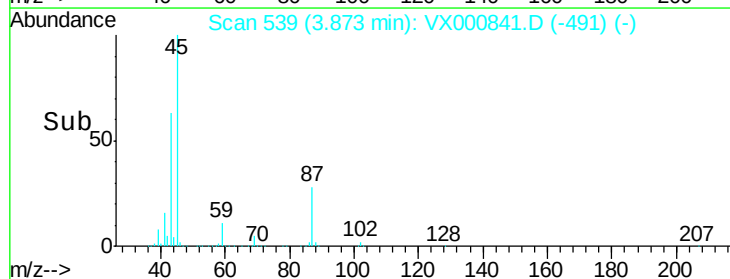
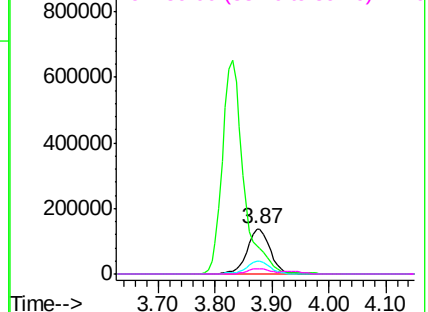
43 62.7 46.6 69.8

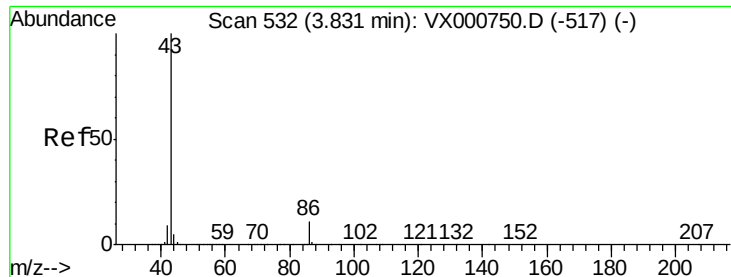
87 27.7 22.9 34.3

59 11.0 9.2 13.8



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





#23

Vinyl Acetate

Concen: 239.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

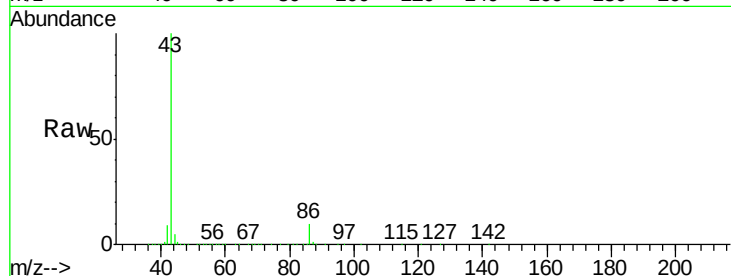
VSTDCCC050

Tgt Ion: 43 Resp: 1698330

Ion Ratio Lower Upper

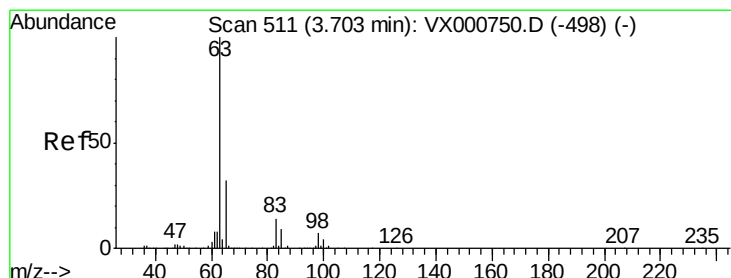
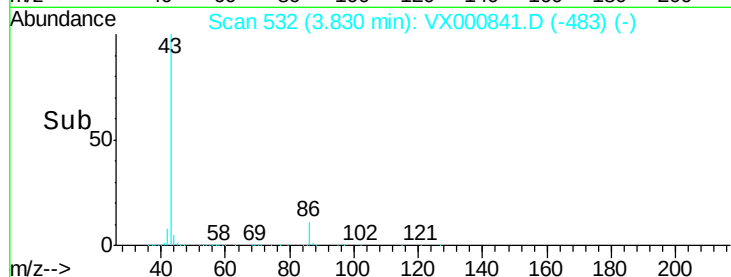
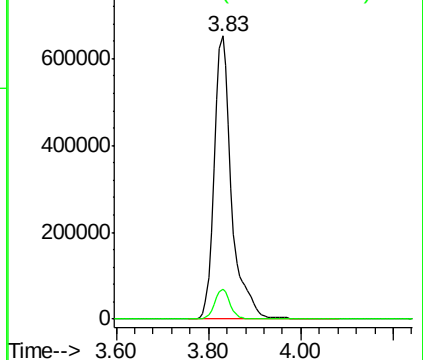
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.04 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

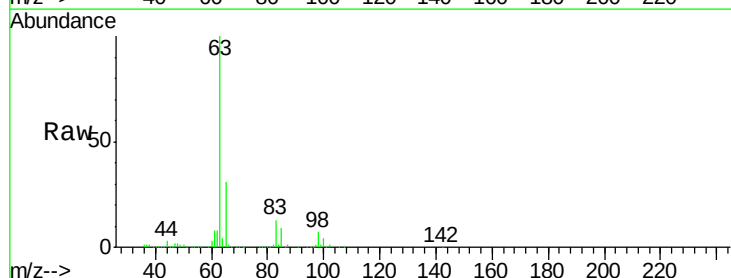
Tgt Ion: 63 Resp: 222235

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

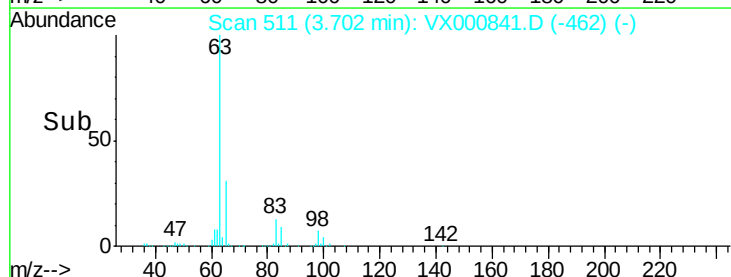
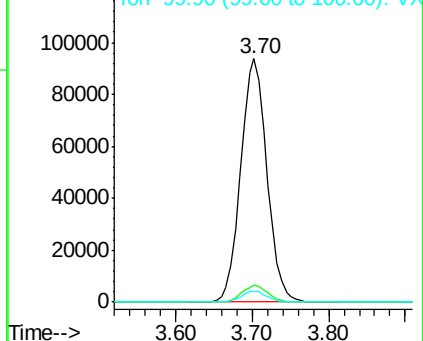
100 4.3 2.1 6.3

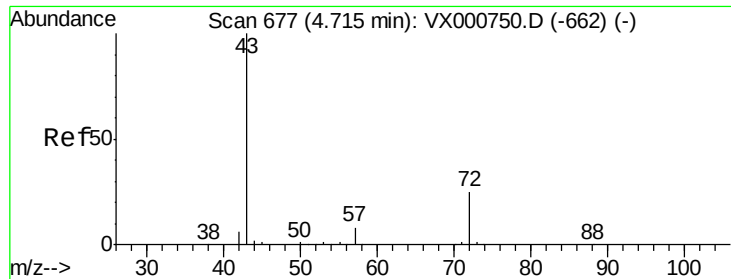


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 238.22 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

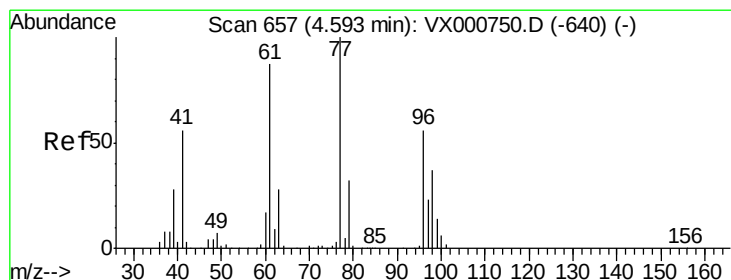
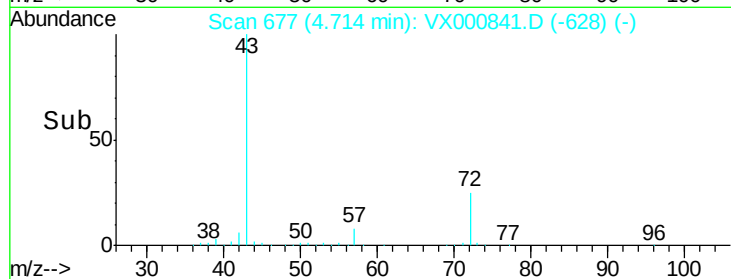
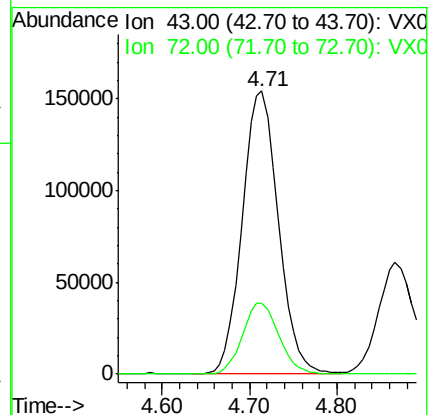
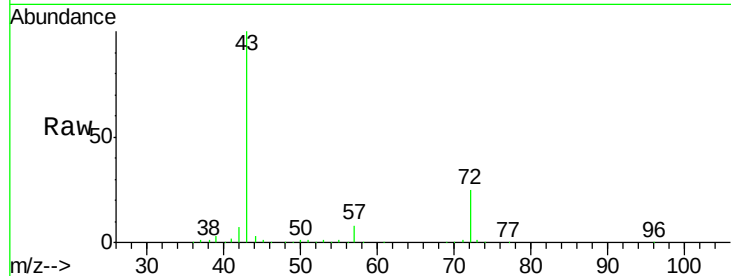
VSTDCCC050

Tgt Ion: 43 Resp: 442903

Ion Ratio Lower Upper

43 100

72 25.0 20.3 30.5



#26

2,2-Dichloropropane

Concen: 47.37 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000841.D

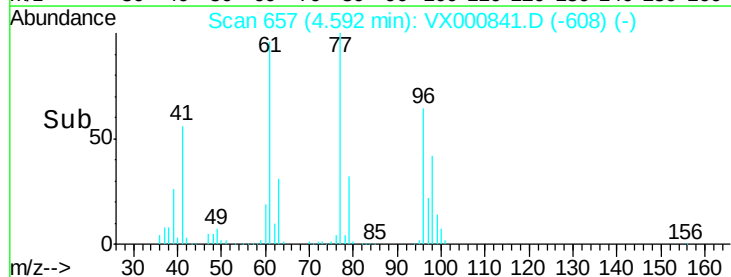
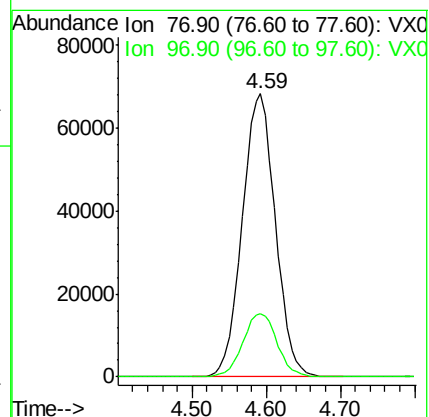
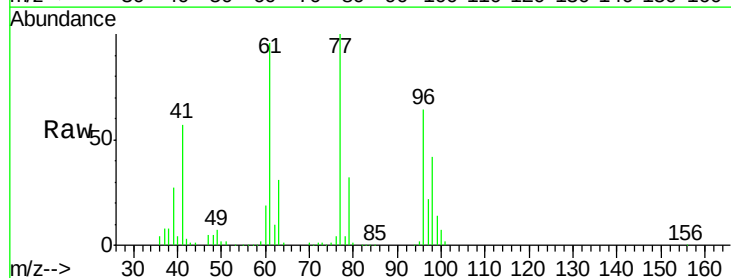
Acq: 13 Apr 2018 10:50

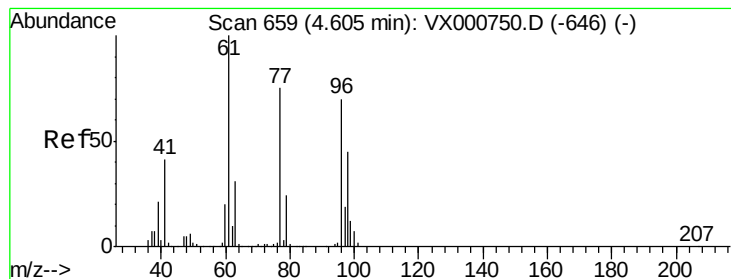
Tgt Ion: 77 Resp: 213063

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 49.39 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

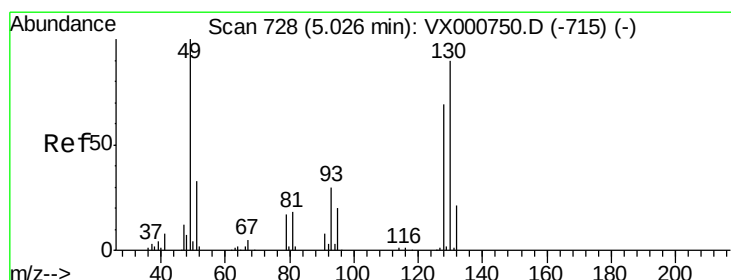
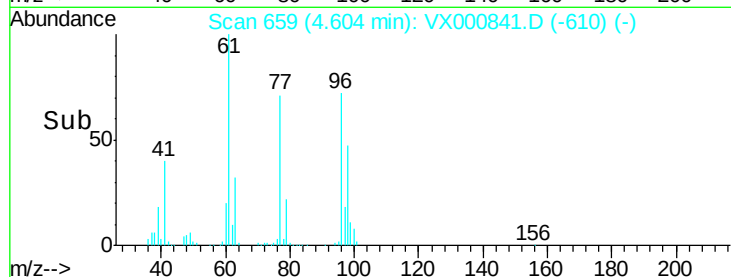
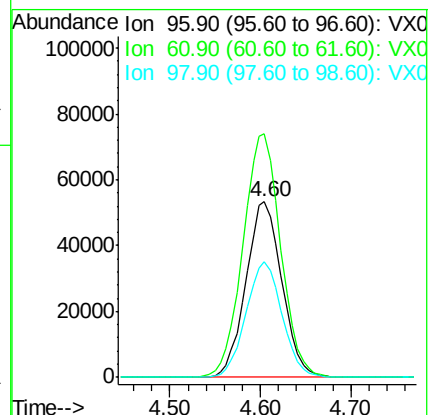
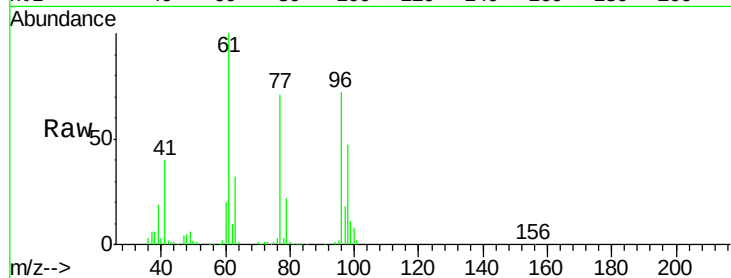
Tgt Ion: 96 Resp: 146892

Ion Ratio Lower Upper

96 100

61 145.0 0.0 292.4

98 65.7 0.0 130.2



#28

Bromochloromethane

Concen: 49.84 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

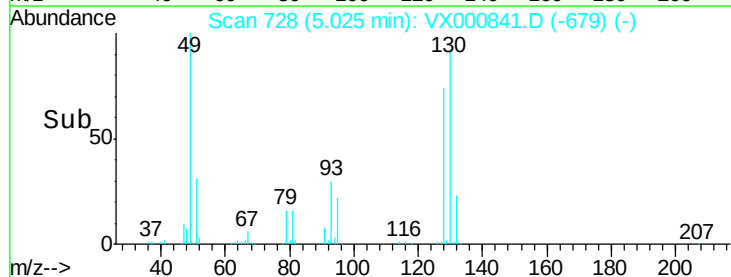
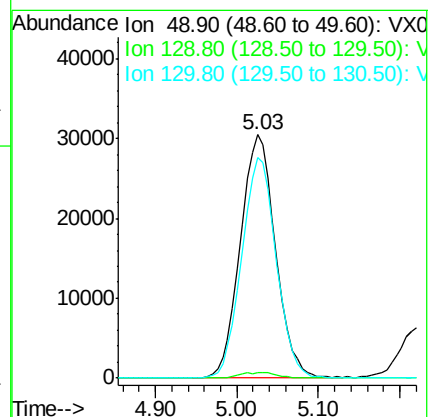
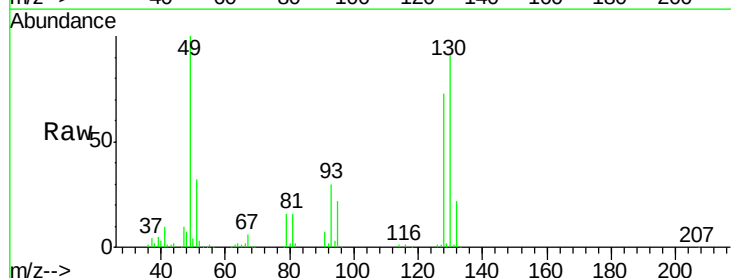
Tgt Ion: 49 Resp: 90950

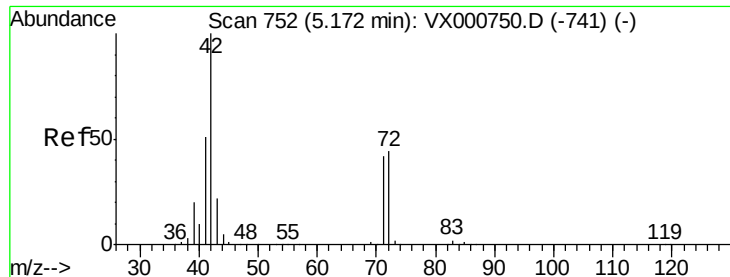
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 89.2 72.6 109.0





#29

Tetrahydrofuran

Concen: 235.55 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

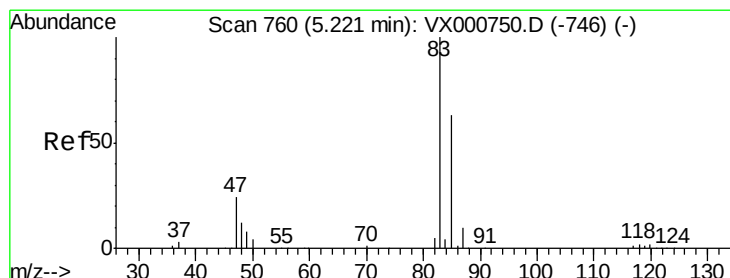
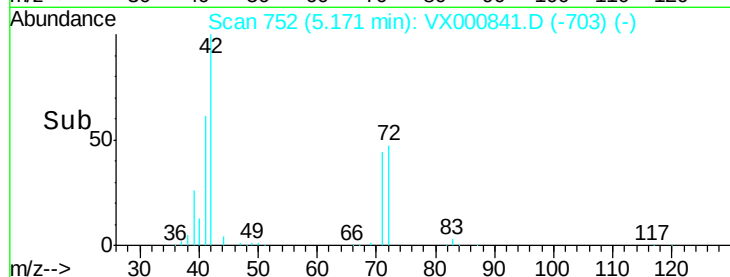
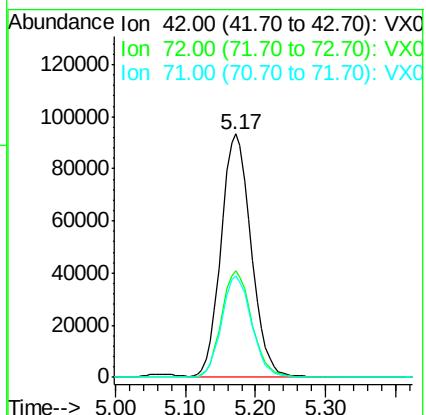
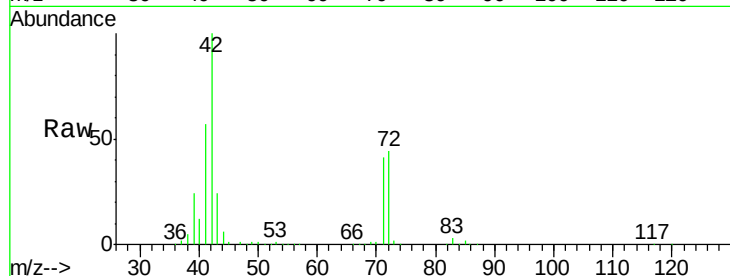
Tgt Ion: 42 Resp: 278068

Ion Ratio Lower Upper

42 100

72 44.4 35.1 52.7

71 41.7 32.8 49.2



#30

Chloroform

Concen: 49.83 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000841.D

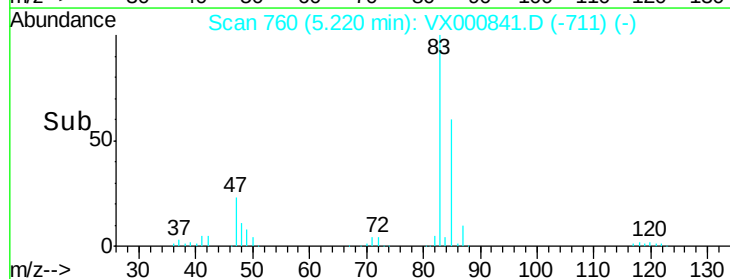
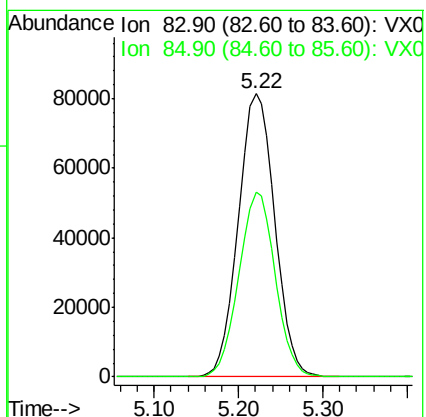
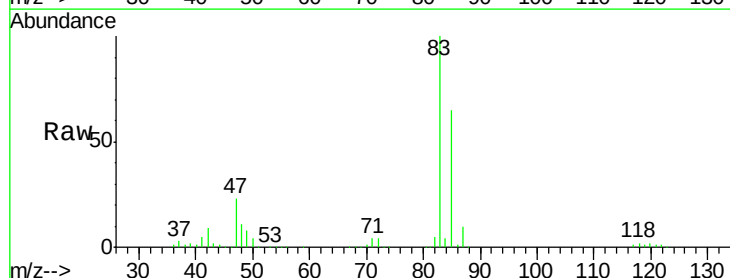
Acq: 13 Apr 2018 10:50

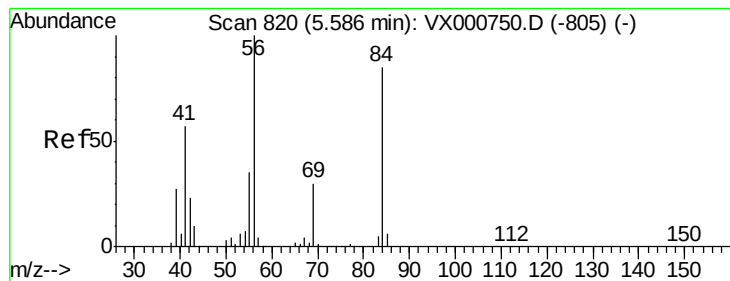
Tgt Ion: 83 Resp: 239098

Ion Ratio Lower Upper

83 100

85 65.4 50.7 76.1





#31

Cyclohexane

Concen: 48.24 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

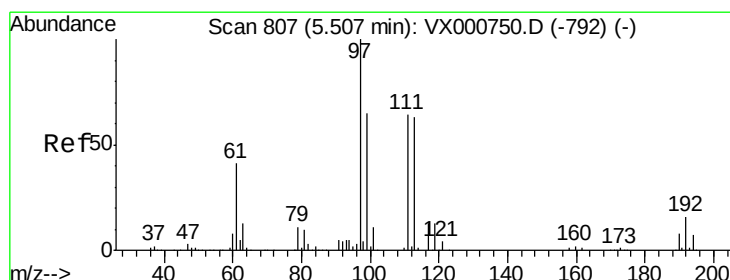
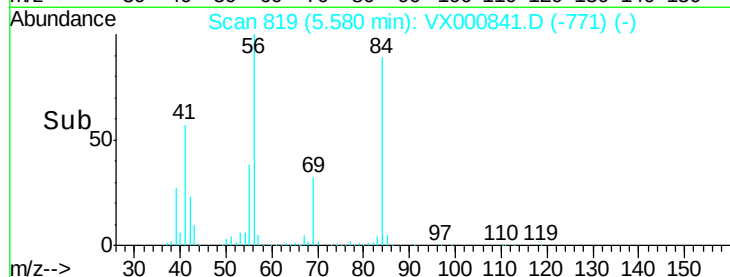
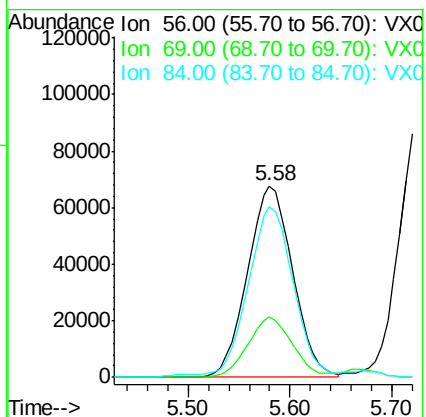
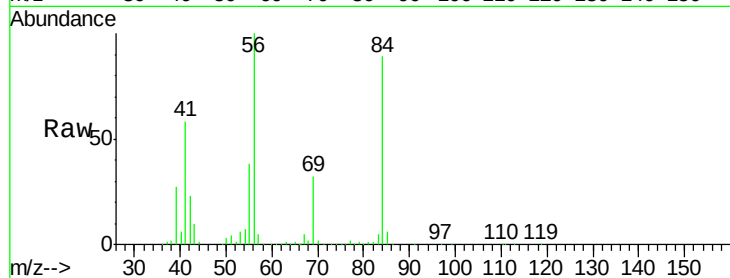
Tgt Ion: 56 Resp: 207586

Ion Ratio Lower Upper

56 100

69 31.5 24.2 36.4

84 87.5 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 48.35 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

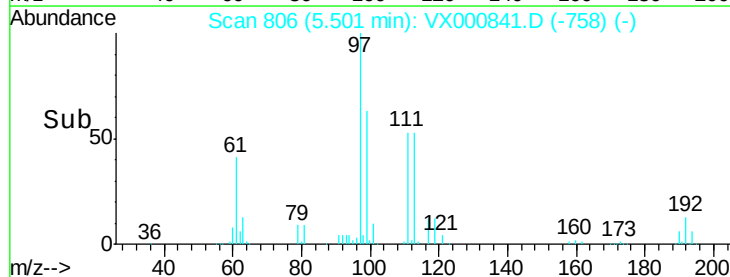
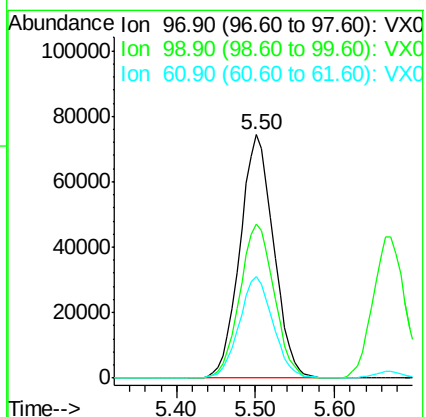
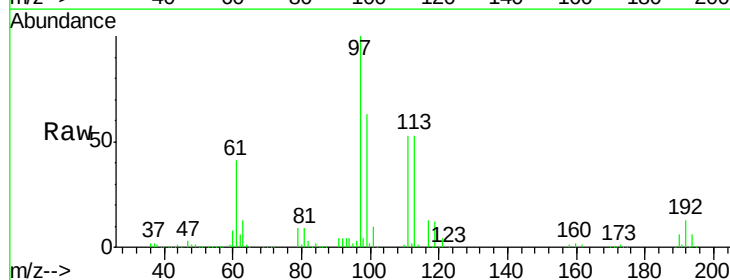
Tgt Ion: 97 Resp: 221004

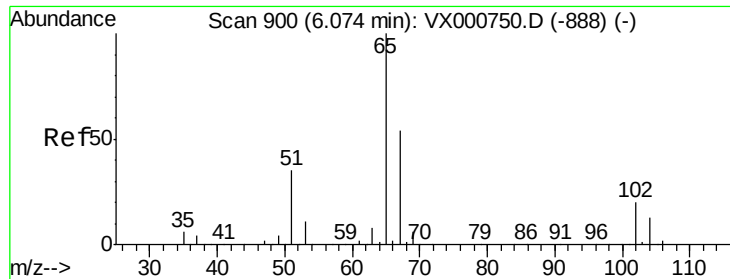
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 41.8 33.7 50.5

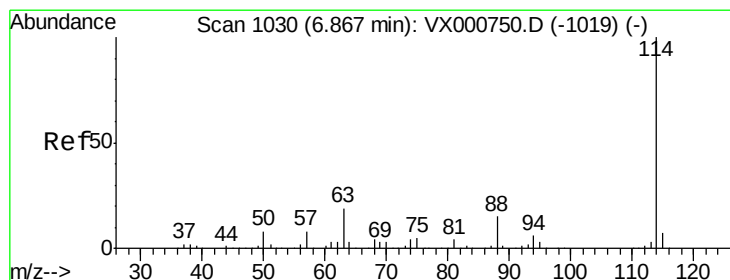
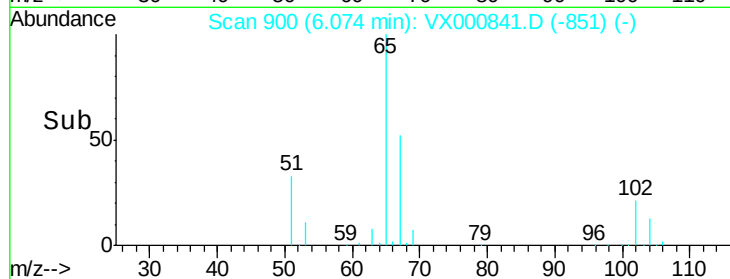
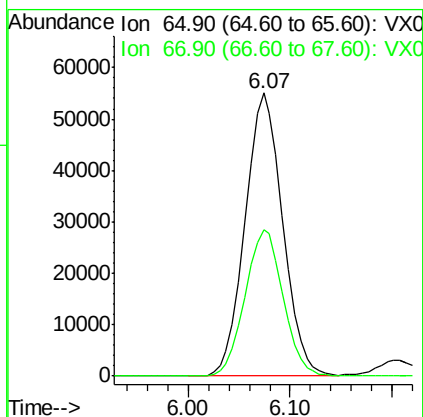
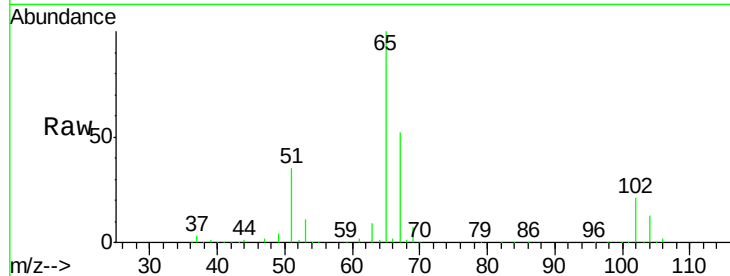




#33
 1,2-Dichloroethane-d4
 Concen: 43.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

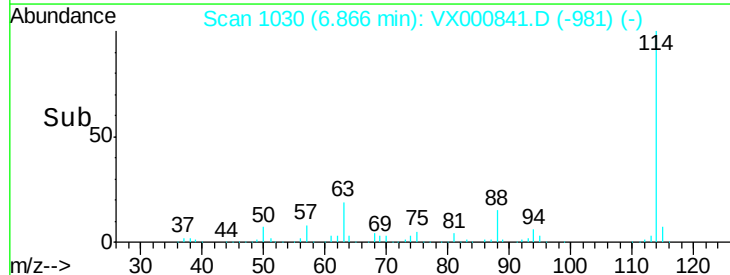
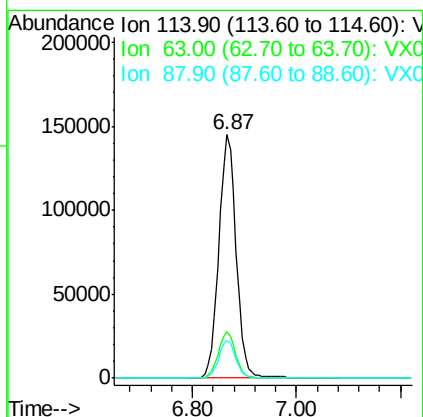
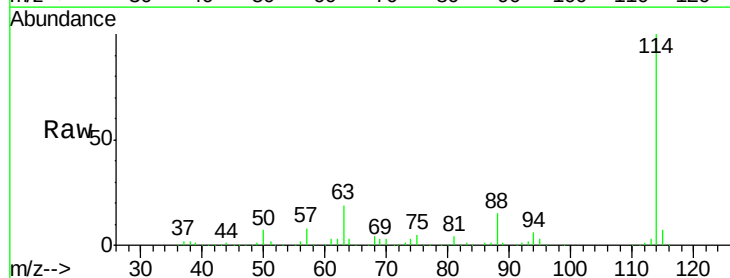
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

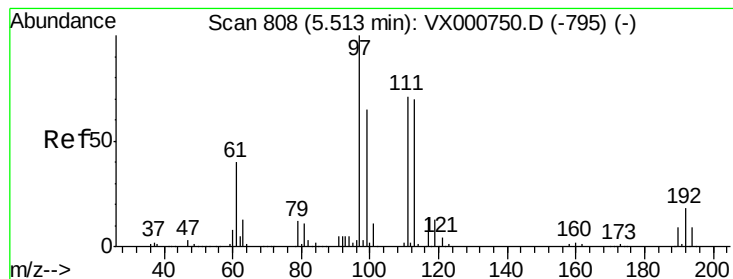
Tgt Ion: 65 Resp: 141170
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion: 114 Resp: 341914
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.4
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.01 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

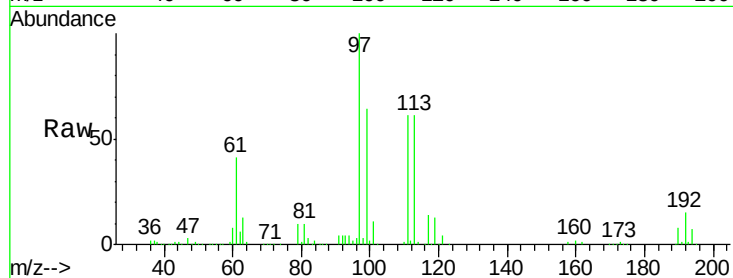
Tgt Ion:113 Resp: 121212

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

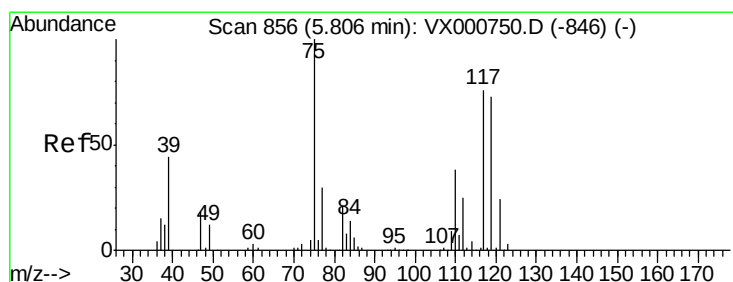
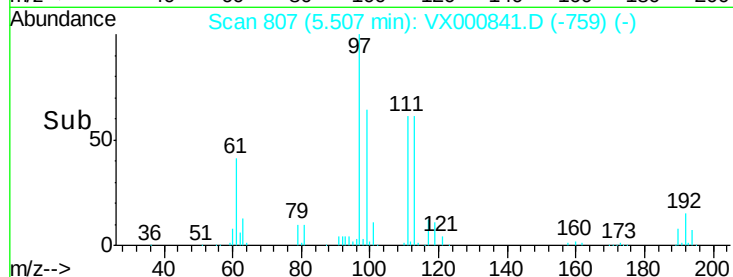
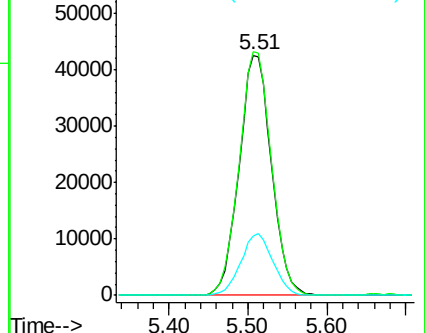
192 25.6 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.49 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

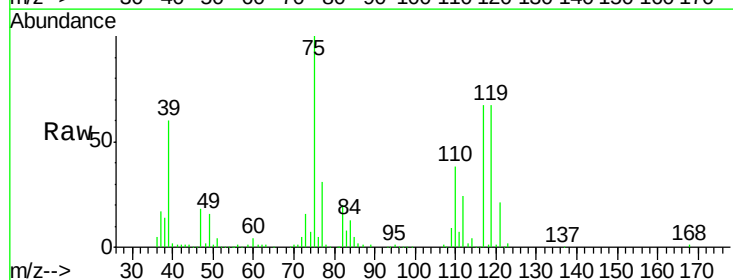
Tgt Ion: 75 Resp: 182606

Ion Ratio Lower Upper

75 100

110 38.3 19.2 57.6

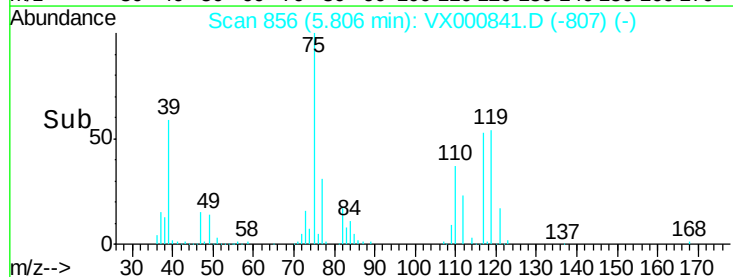
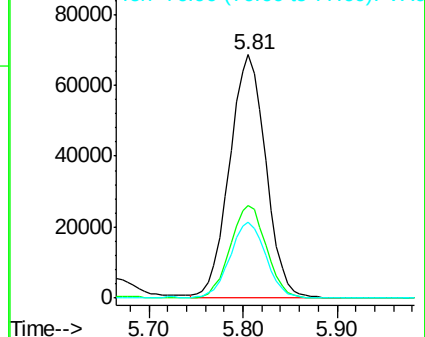
77 31.1 25.4 38.2

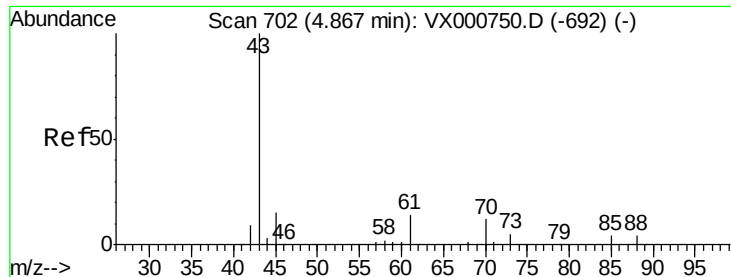


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.69 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

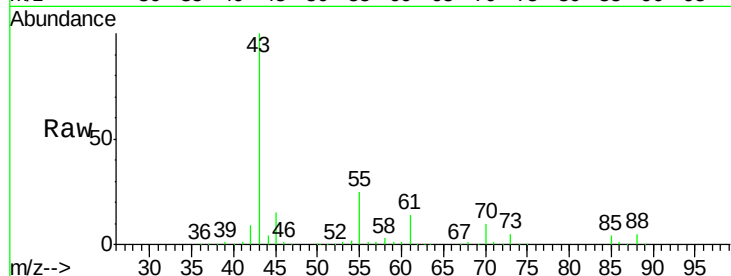
Tgt Ion: 43 Resp: 175319

Ion Ratio Lower Upper

43 100

61 14.0 11.0 16.4

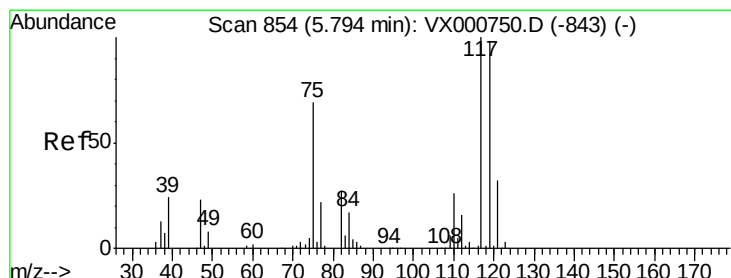
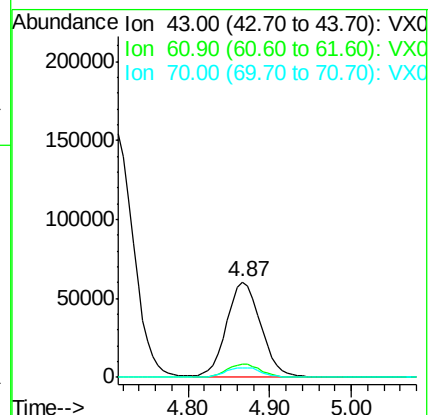
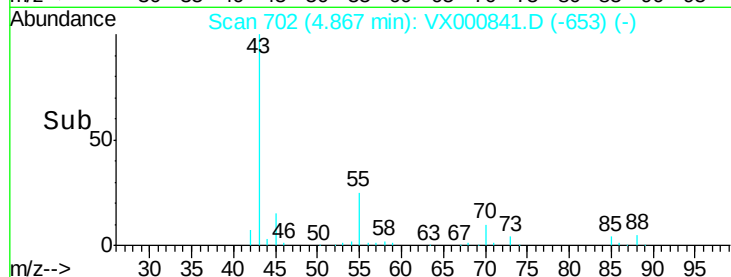
70 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX000841.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX000841.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX000841.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 47.38 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

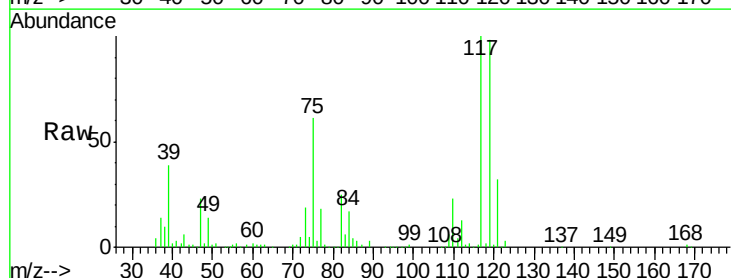
Tgt Ion: 117 Resp: 199688

Ion Ratio Lower Upper

117 100

119 97.7 78.4 117.6

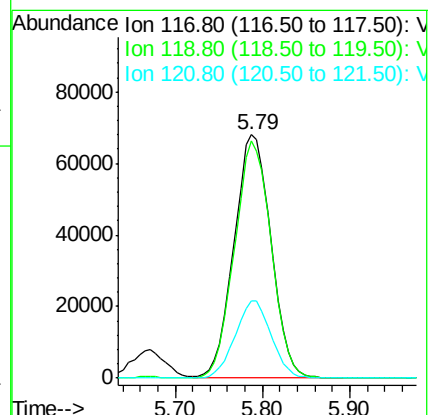
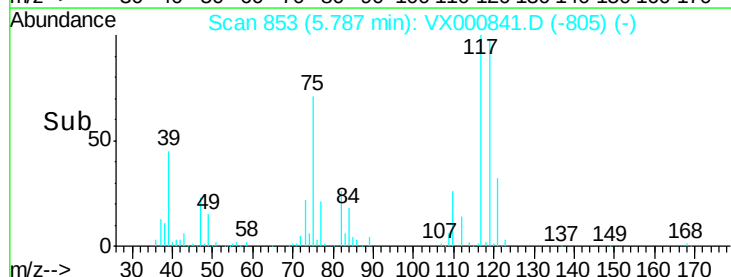
121 31.6 25.4 38.0

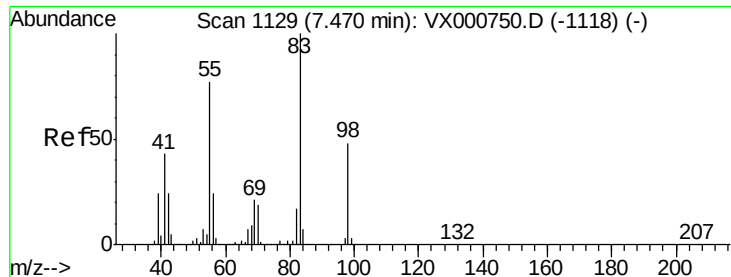


Abundance Ion 116.80 (116.50 to 117.50): VX000841.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000841.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000841.D (-805) (-)

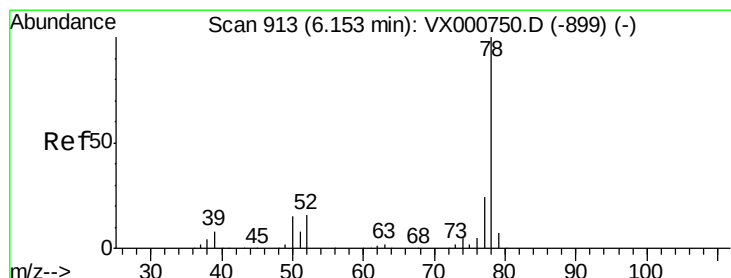
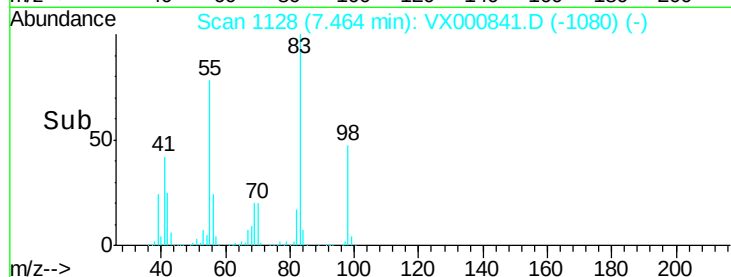
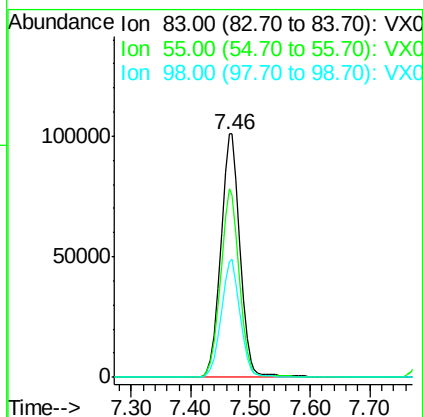
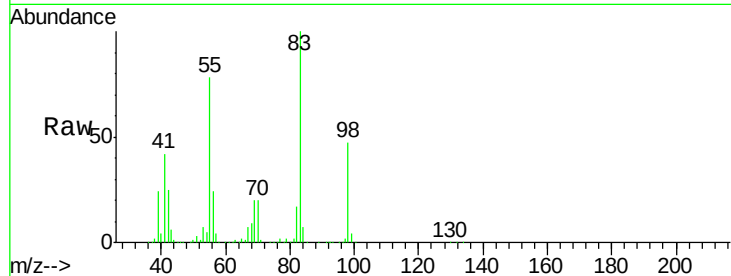




#39
Methylcyclohexane
Concen: 50.33 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

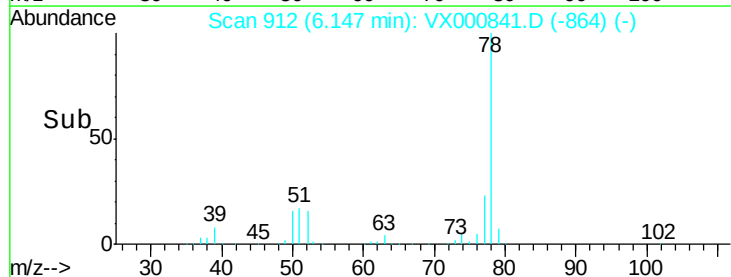
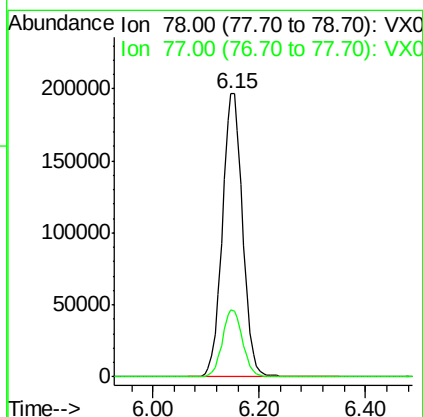
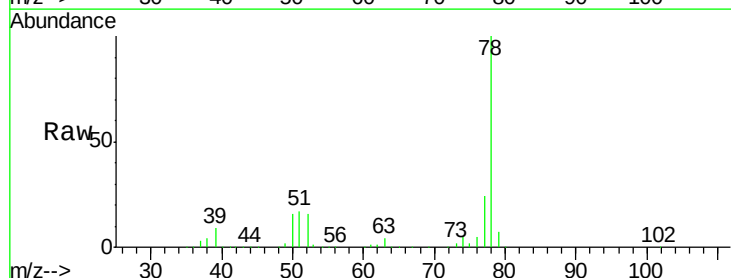
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

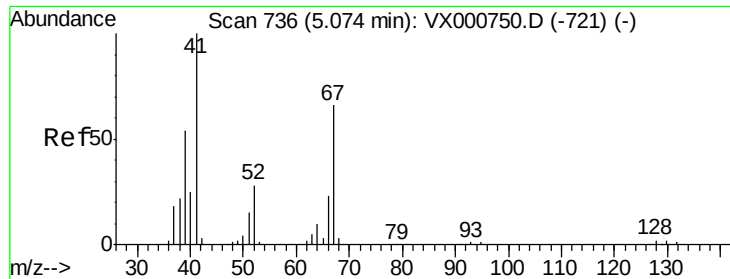
Tgt Ion: 83 Resp: 227583
Ion Ratio Lower Upper
83 100
55 77.5 61.5 92.3
98 47.3 38.1 57.1



#40
Benzene
Concen: 50.12 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion: 78 Resp: 524368
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

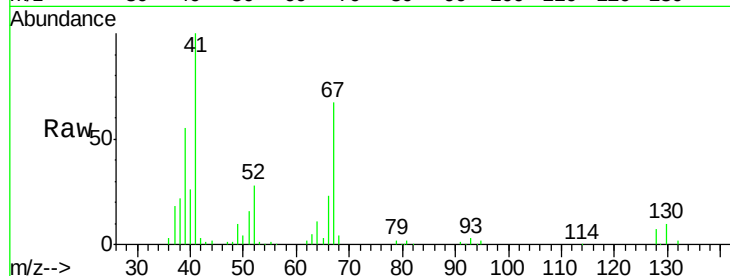




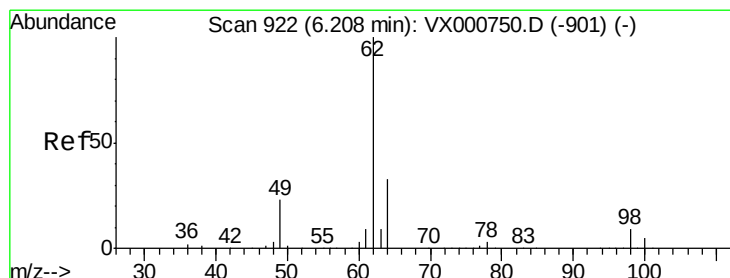
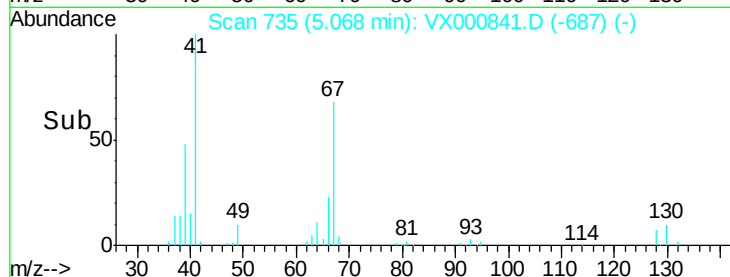
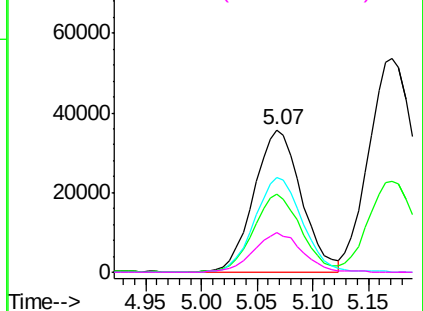
#41
Methacrylonitrile
Concen: 49.66 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	105468
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.9	67.3
67	67.2	54.7	82.1
52	28.4	23.0	34.6

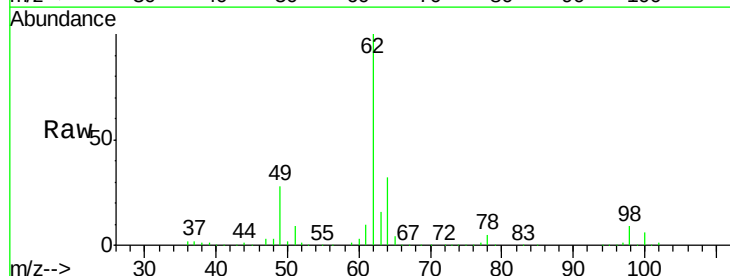


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

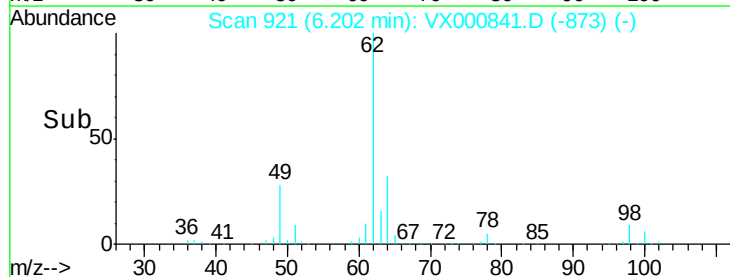
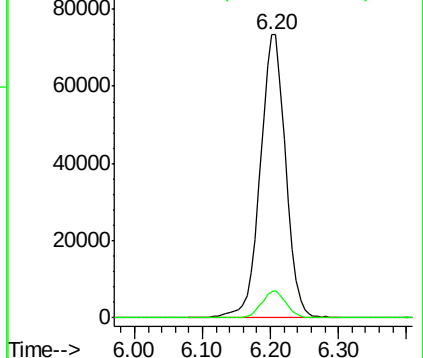


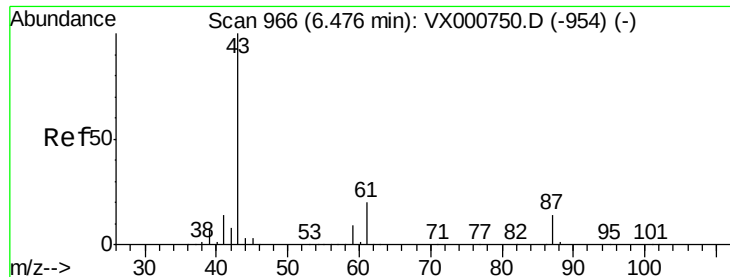
#42
1,2-Dichloroethane
Concen: 49.09 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion:	62	Resp:	191816
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.43 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

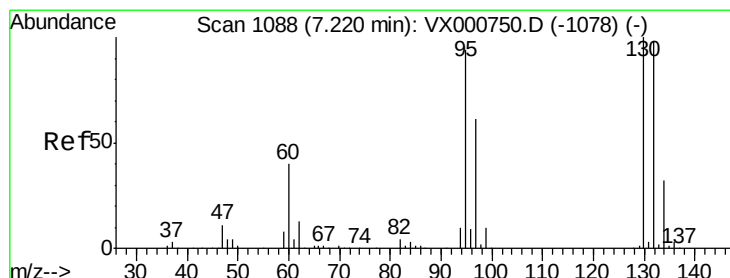
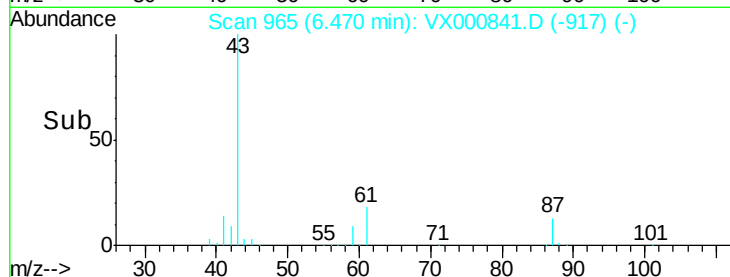
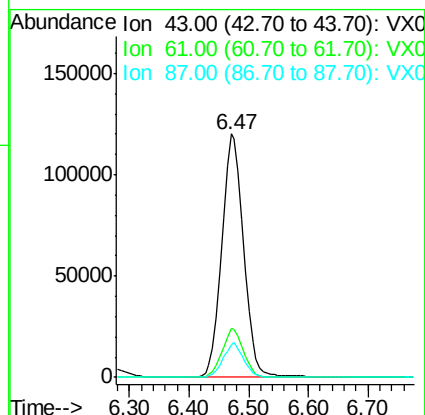
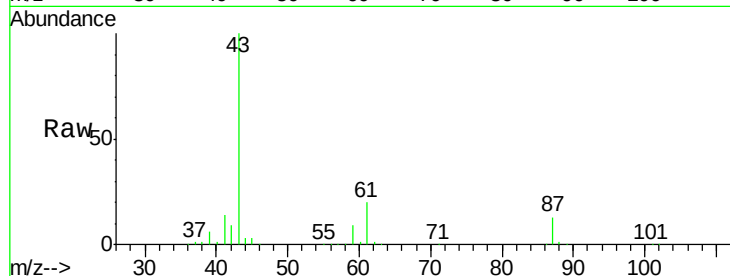
Tgt Ion: 43 Resp: 305248

Ion Ratio Lower Upper

43 100

61 19.7 15.6 23.4

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 49.70 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000841.D

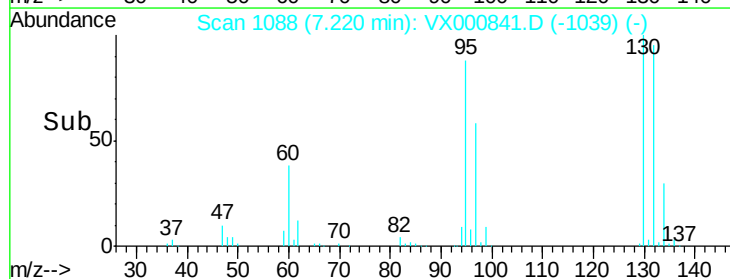
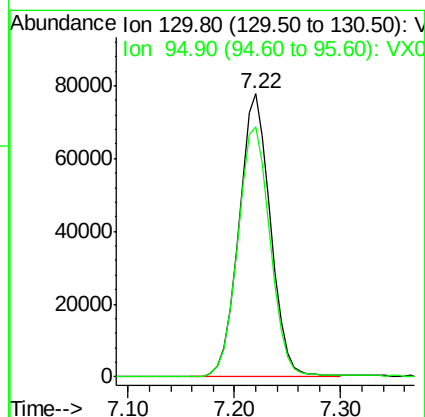
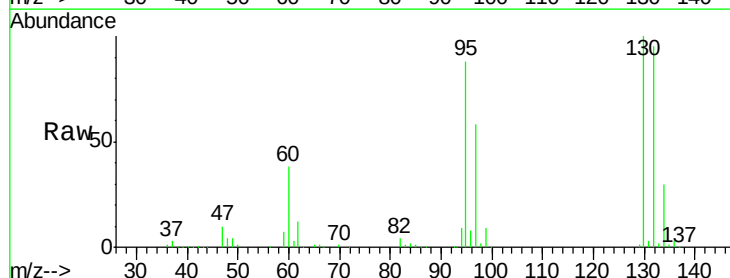
Acq: 13 Apr 2018 10:50

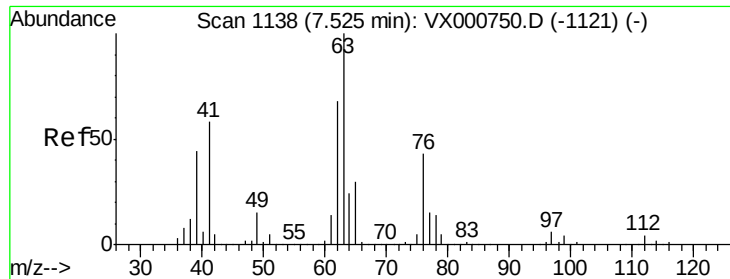
Tgt Ion: 130 Resp: 161709

Ion Ratio Lower Upper

130 100

95 88.4 0.0 187.0

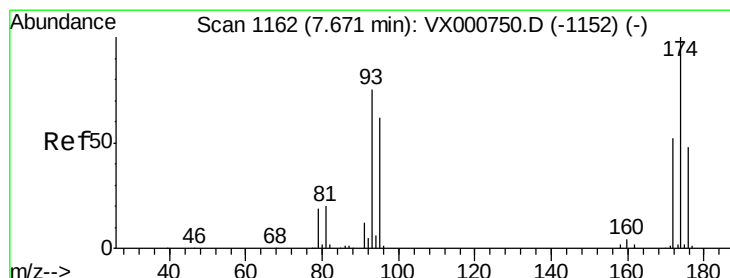
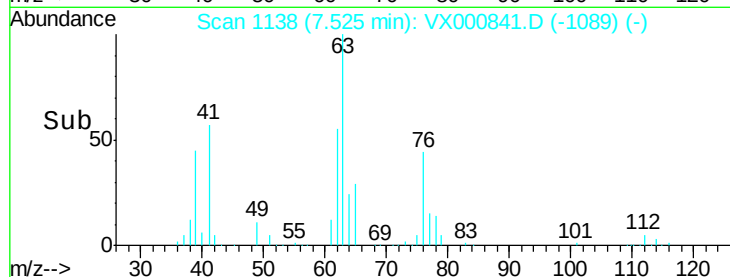
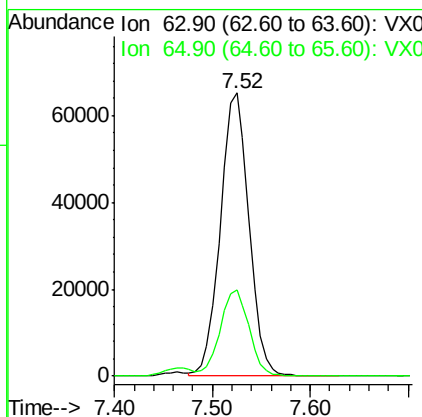
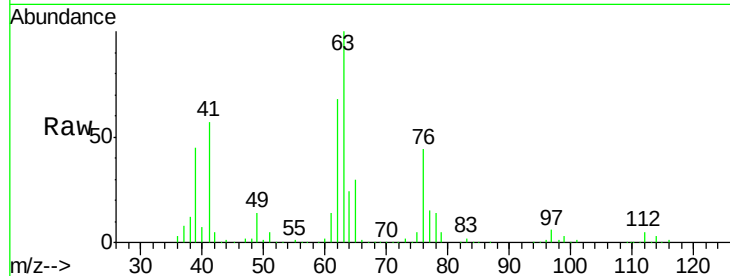




#45
 1,2-Dichloropropane
 Concen: 49.51 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

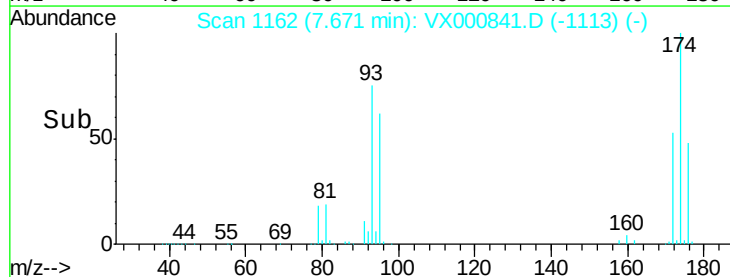
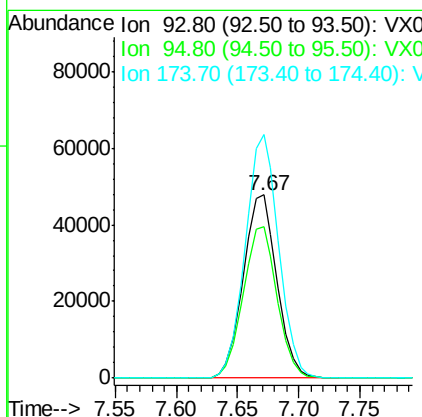
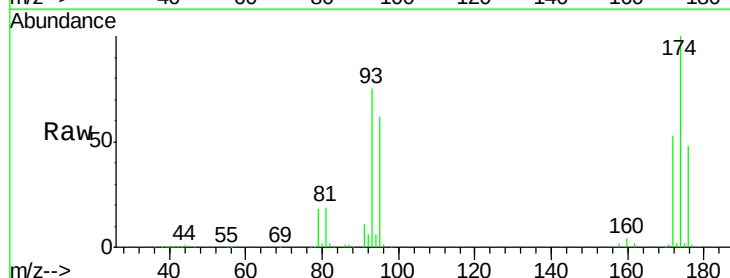
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

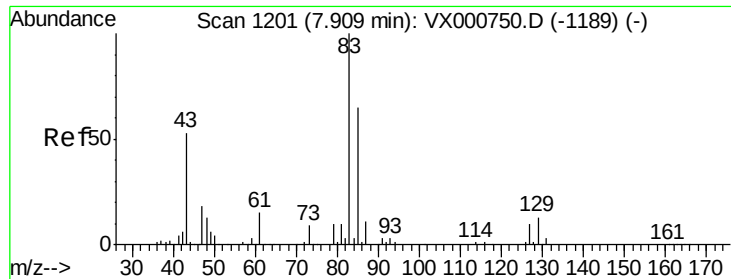
Tgt Ion: 63 Resp: 131920
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.7 35.5



#46
 Dibromomethane
 Concen: 49.36 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion: 93 Resp: 91681
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.6 100.0
 174 131.5 104.5 156.7





#47

Bromodichloromethane

Concen: 49.02 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

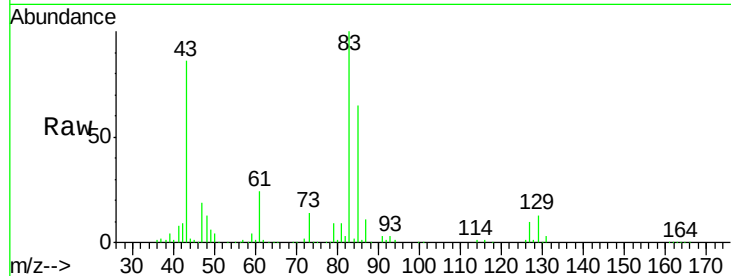
Tgt Ion: 83 Resp: 183789

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.4

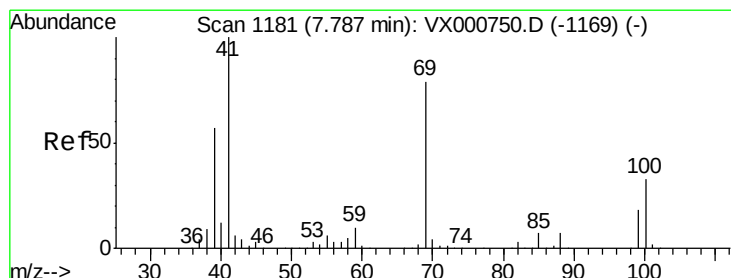
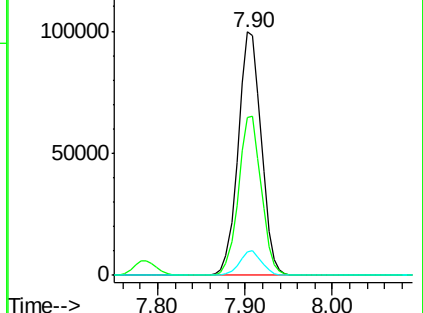
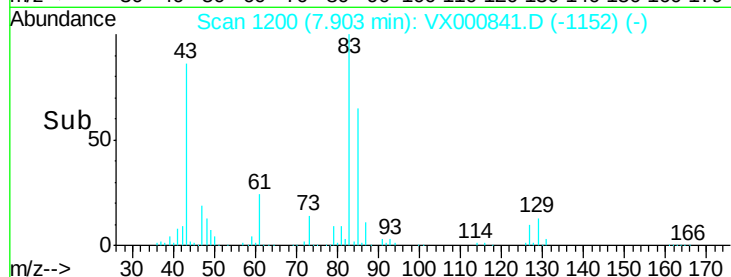
127 9.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.25 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

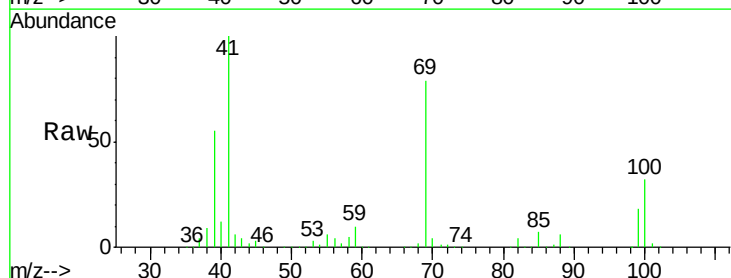
Tgt Ion: 41 Resp: 160889

Ion Ratio Lower Upper

41 100

69 80.0 63.9 95.9

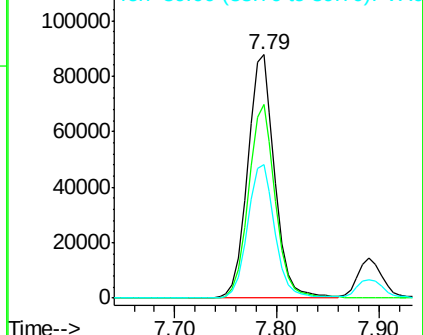
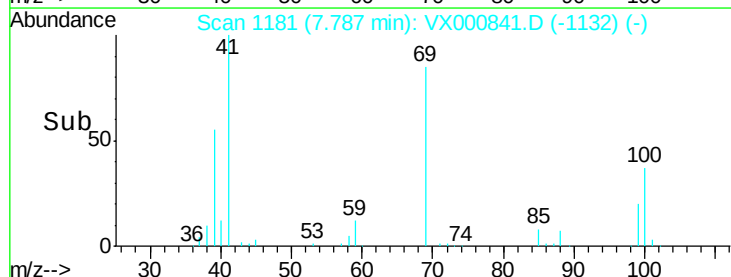
39 55.4 45.9 68.9

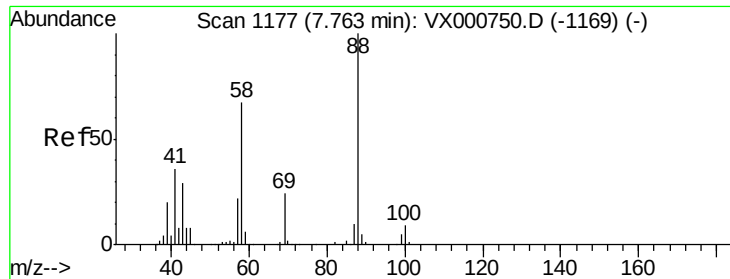


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 831.25 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

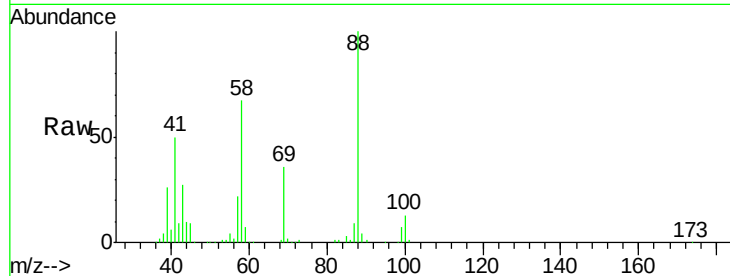
Tgt Ion: 88 Resp: 54572

Ion Ratio Lower Upper

88 100

43 33.3 25.8 38.8

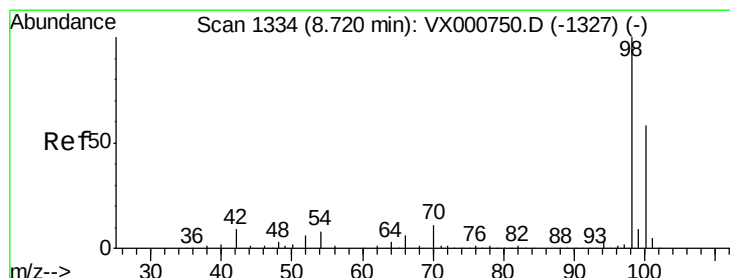
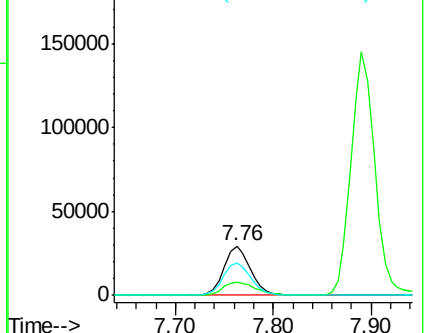
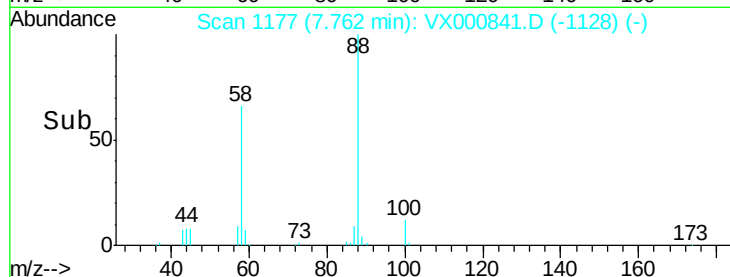
58 69.7 54.4 81.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.46 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000841.D

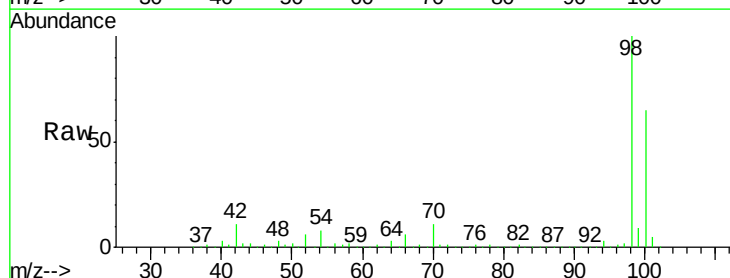
Acq: 13 Apr 2018 10:50

Tgt Ion: 98 Resp: 445931

Ion Ratio Lower Upper

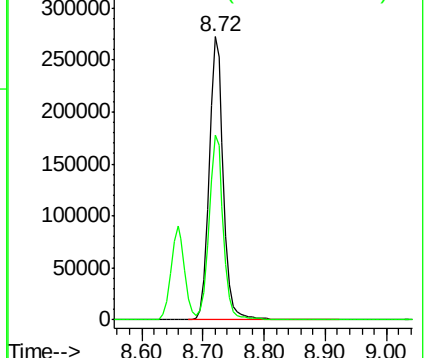
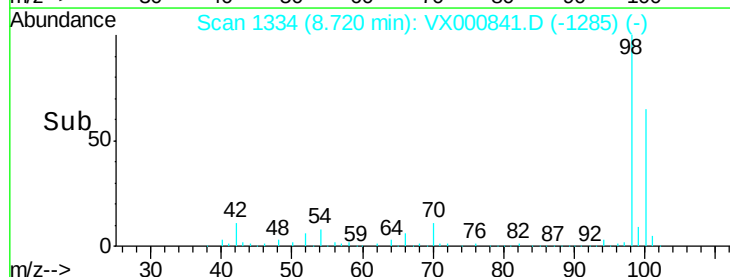
98 100

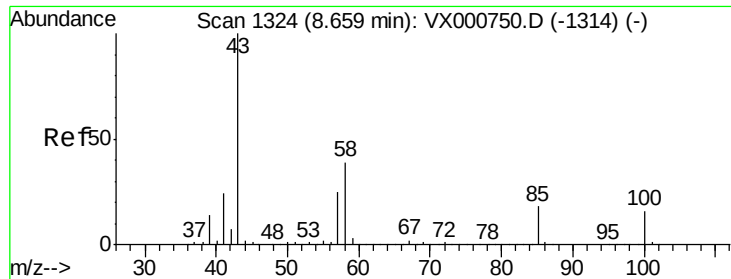
100 65.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 245.43 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

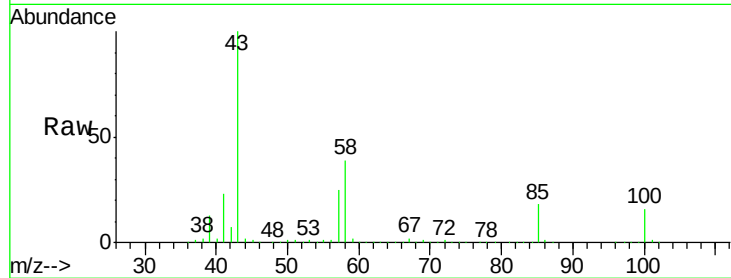
VSTDCCC050

Tgt Ion: 43 Resp: 908598

Ion Ratio Lower Upper

43 100

58 39.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

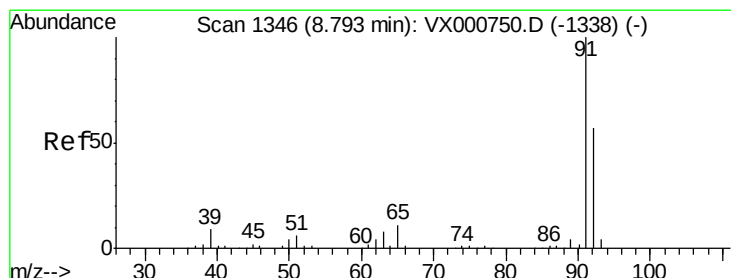
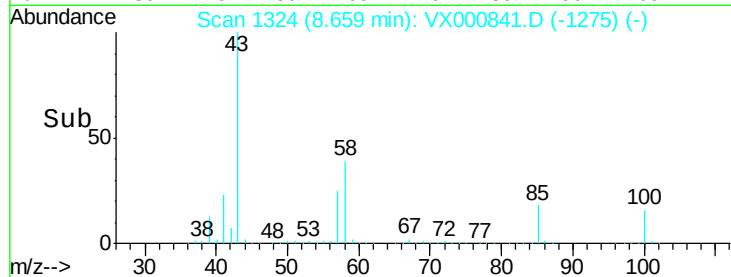
100000

0

8.66

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 50.00 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000841.D

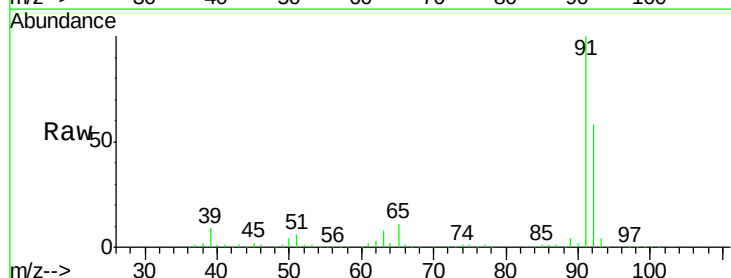
Acq: 13 Apr 2018 10:50

Tgt Ion: 92 Resp: 347090

Ion Ratio Lower Upper

92 100

91 171.4 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

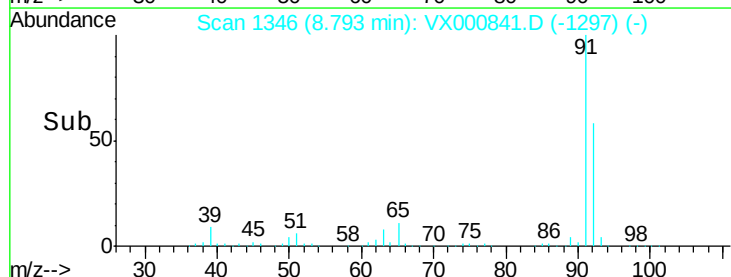
100000

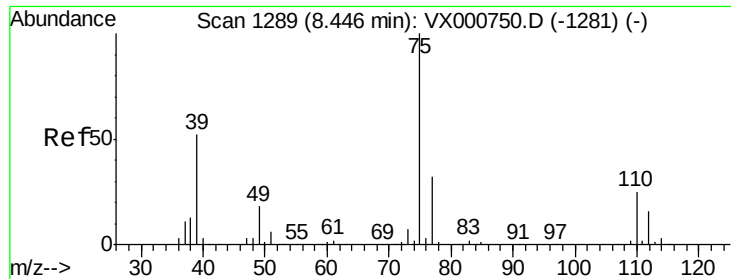
0

8.79

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.83 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

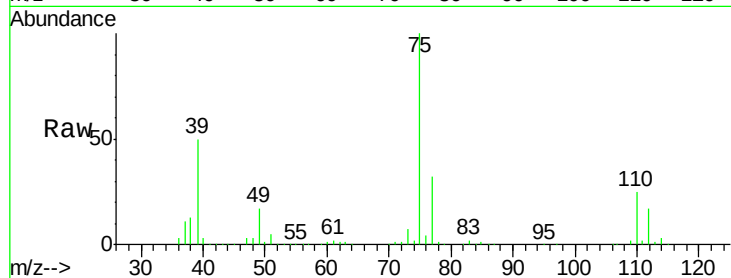
VSTDCCC050

Tgt Ion: 75 Resp: 224100

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

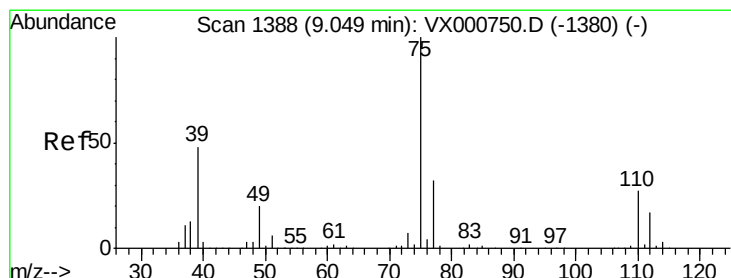
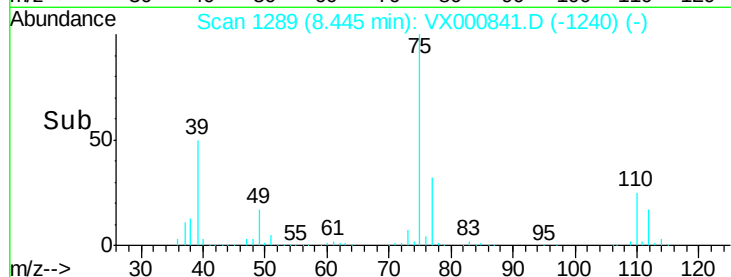
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.19 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

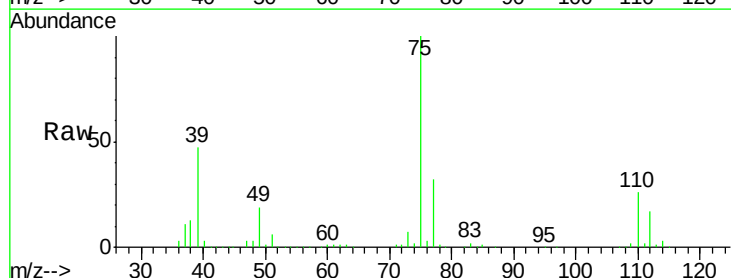
Tgt Ion: 75 Resp: 215391

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 46.8 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

200000

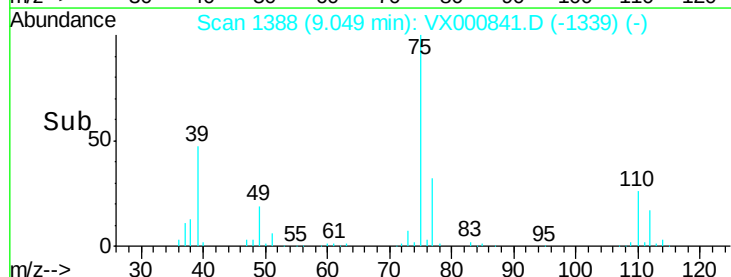
150000

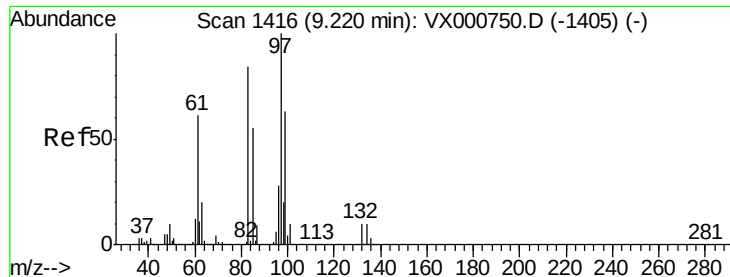
100000

50000

0

Time-->

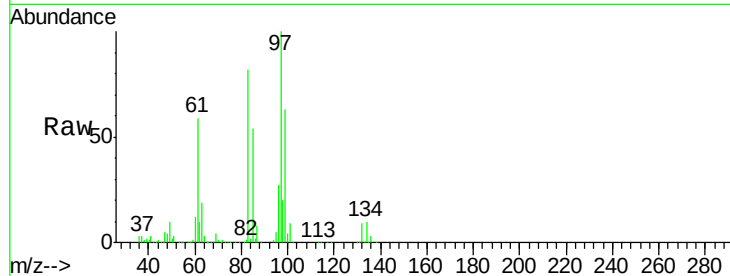




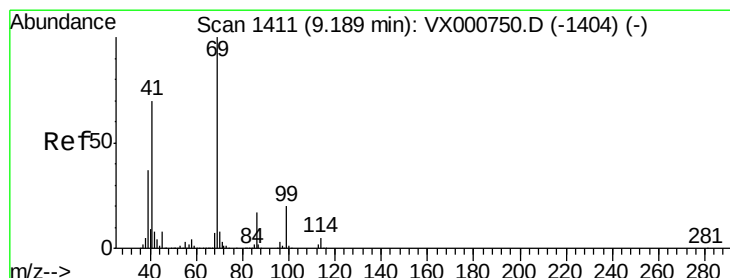
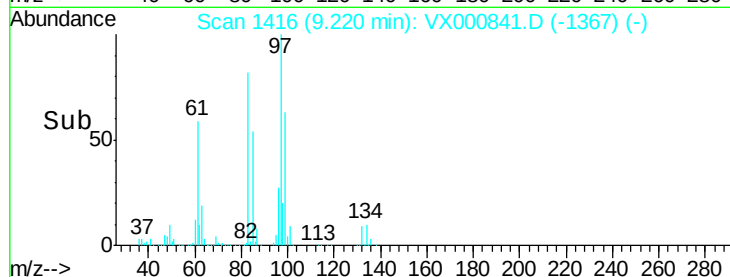
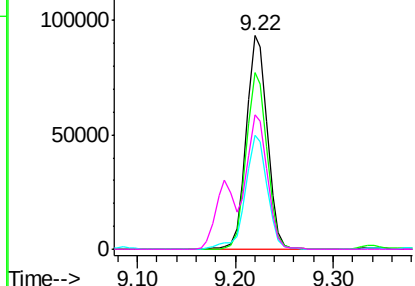
#55
 1,1,2-Trichloroethane
 Concen: 50.43 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion:	97	Resp:	138963
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.6	101.4
85	53.6	43.8	65.6
99	62.9	50.2	75.4

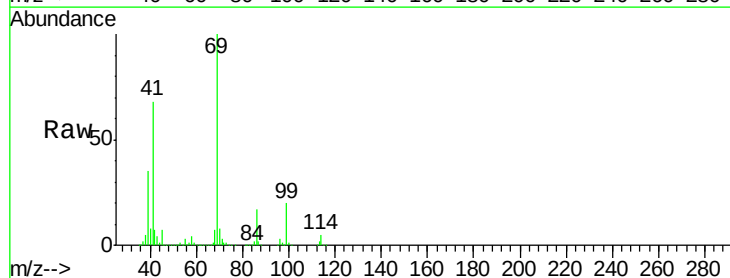


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

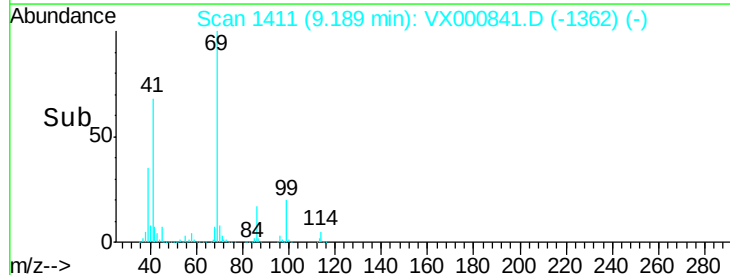
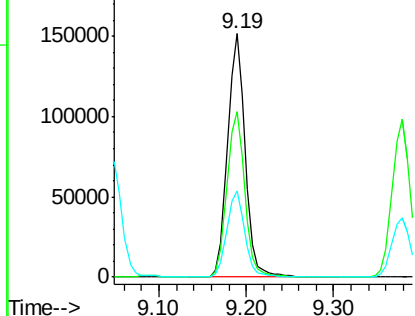


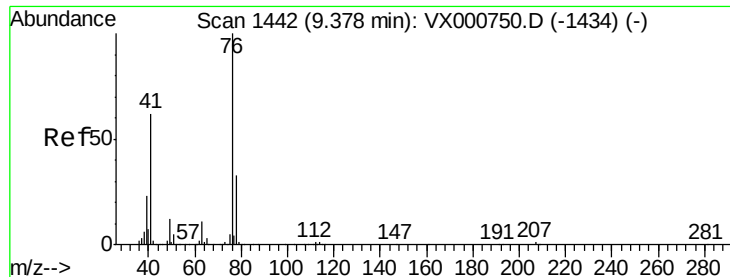
#56
 Ethyl methacrylate
 Concen: 49.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion:	69	Resp:	211455
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.6	83.4
39	35.8	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: 51.03 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

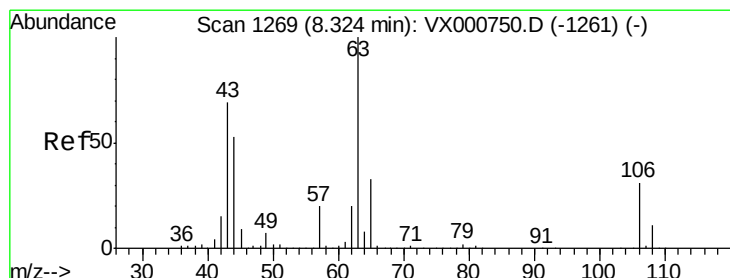
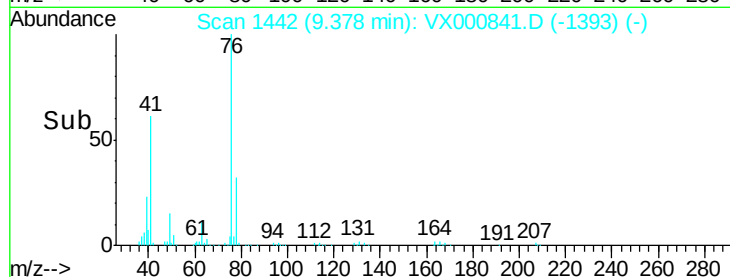
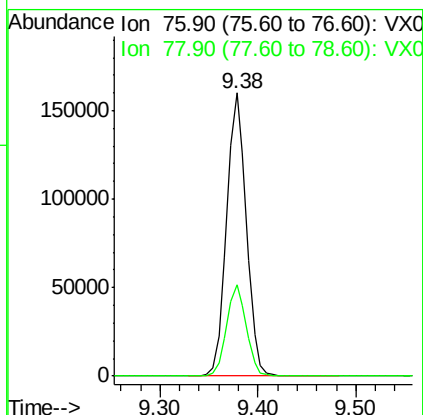
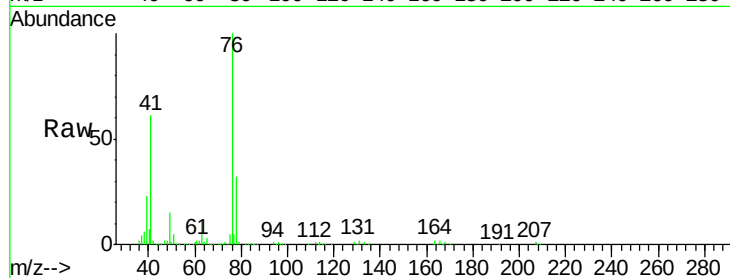
VSTDCCC050

Tgt Ion: 76 Resp: 223562

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 178.47 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000841.D

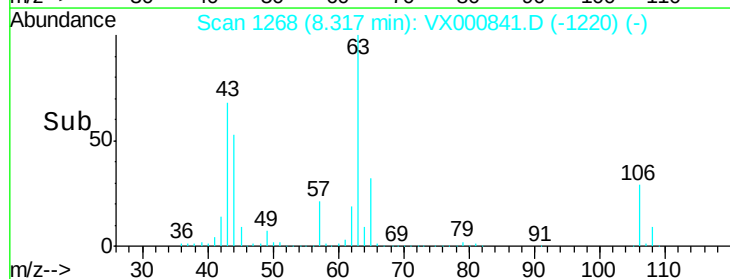
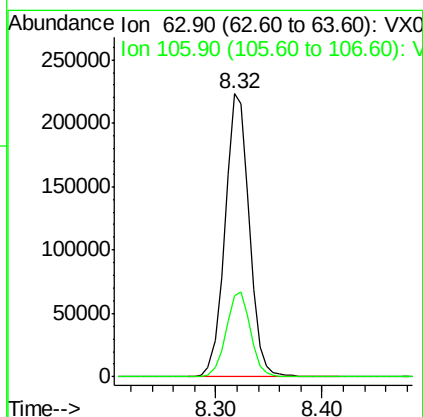
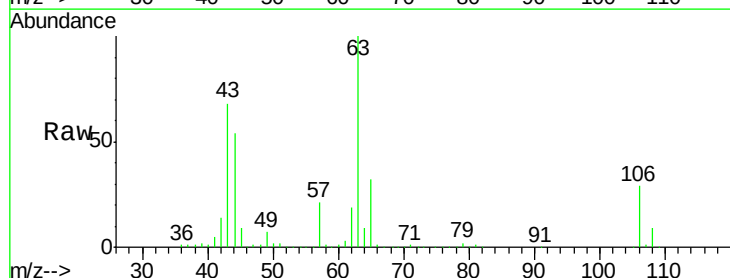
Acq: 13 Apr 2018 10:50

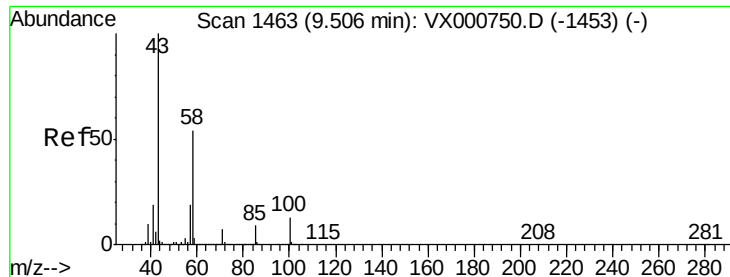
Tgt Ion: 63 Resp: 354453

Ion Ratio Lower Upper

63 100

106 30.3 24.3 36.5

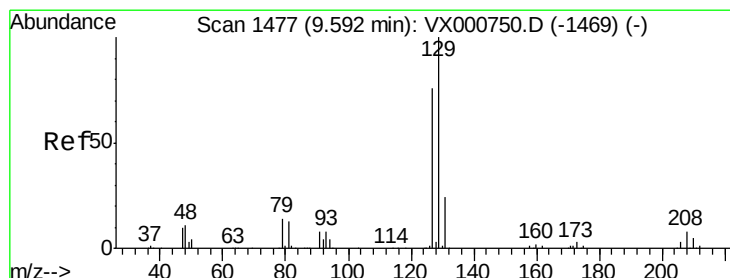
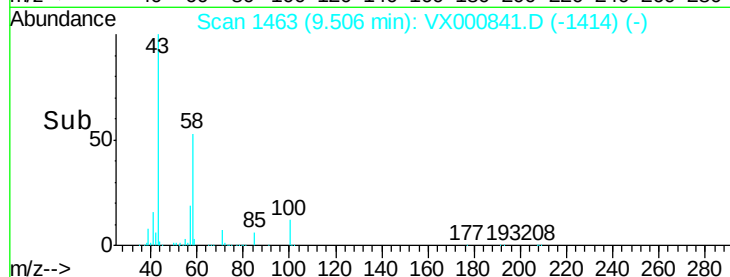
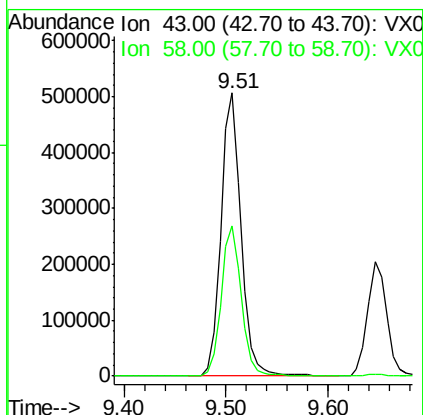
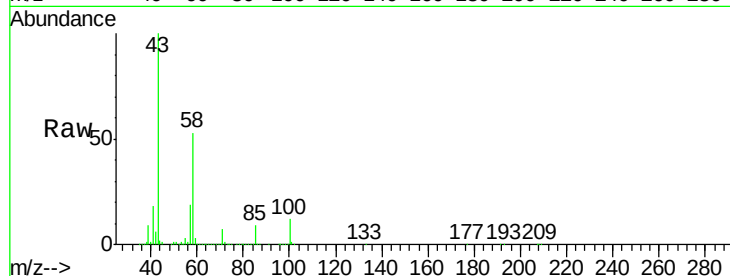




#59
2-Hexanone
Concen: 243.46 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

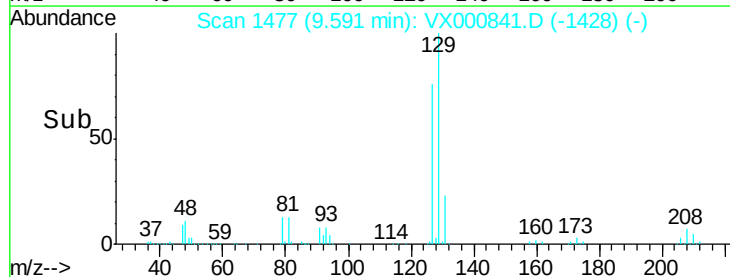
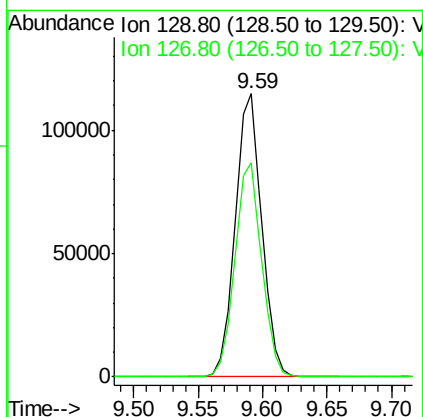
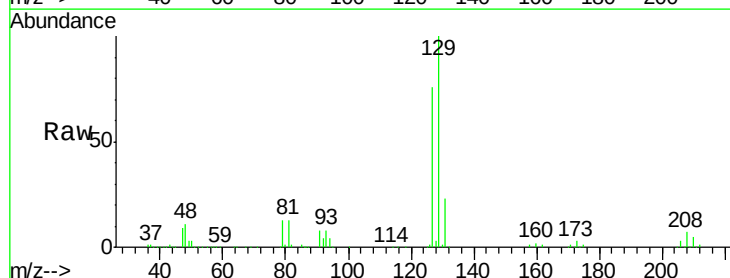
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

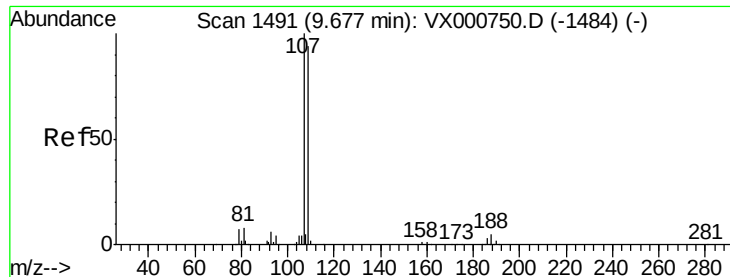
Tgt Ion: 43 Resp: 695833
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.5



#60
Dibromochloromethane
Concen: 49.80 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion: 129 Resp: 164215
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

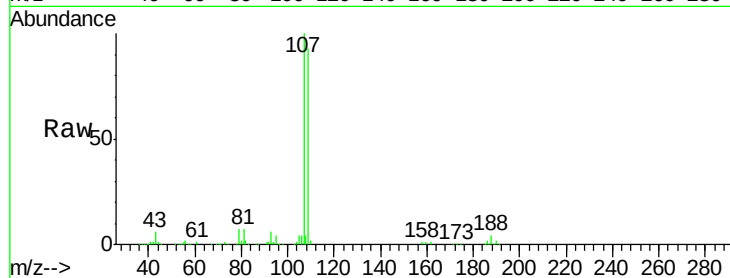
VSTDCCC050

Tgt Ion: 107 Resp: 148299

Ion Ratio Lower Upper

107 100

109 93.9 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

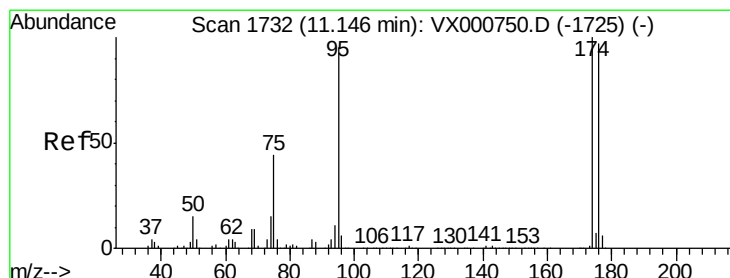
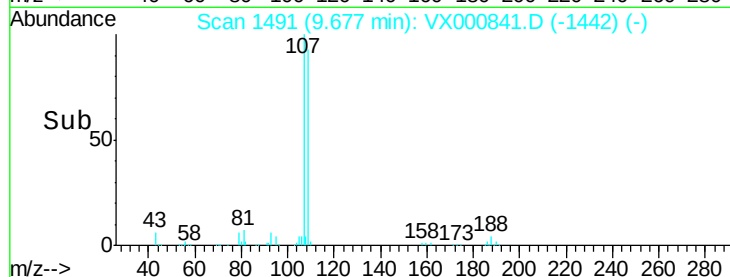
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.94 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

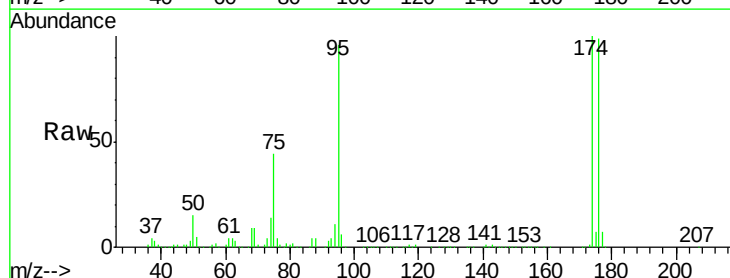
Tgt Ion: 95 Resp: 182357

Ion Ratio Lower Upper

95 100

174 98.9 0.0 198.4

176 97.3 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

200000

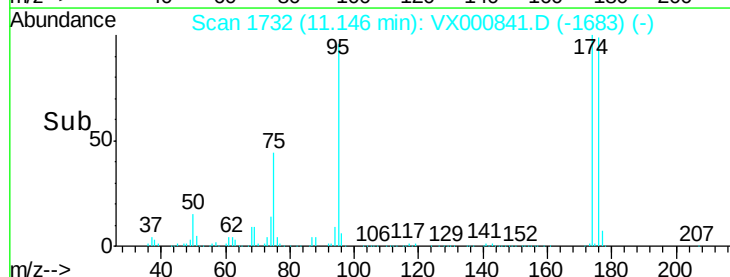
150000

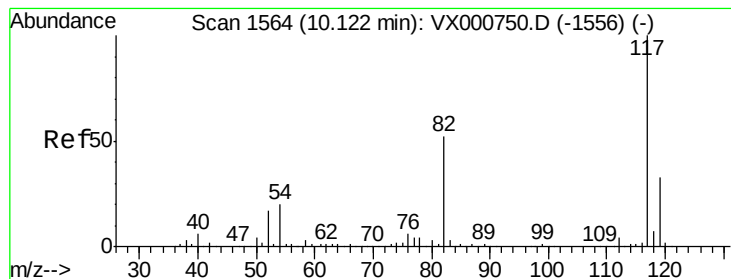
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

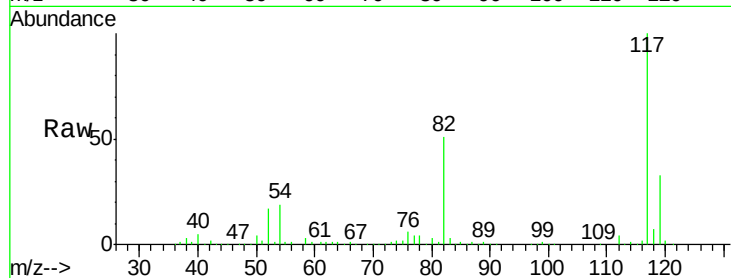
Tgt Ion:117 Resp: 325142

Ion Ratio Lower Upper

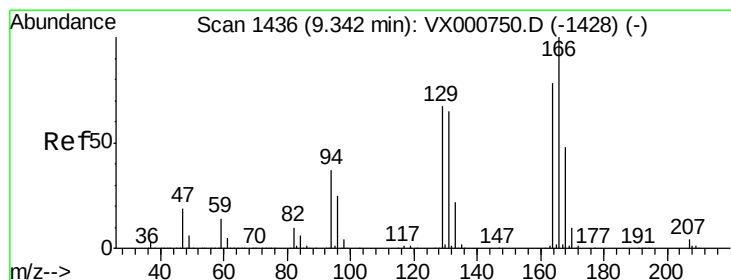
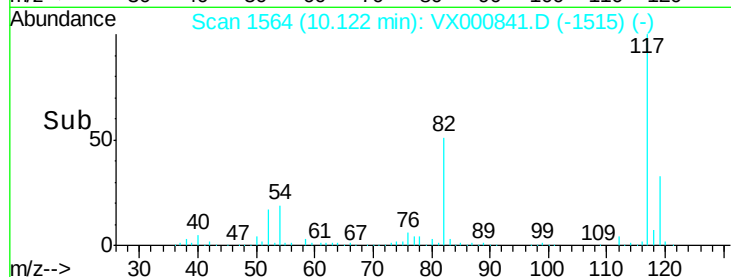
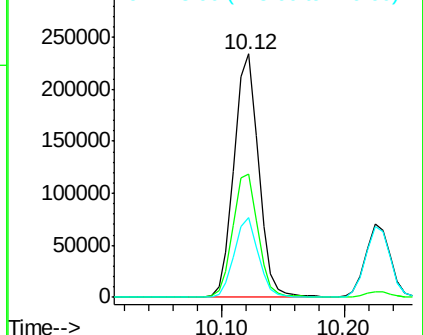
117 100

82 50.9 41.9 62.9

119 32.7 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: 51.10 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion:164 Resp: 162449

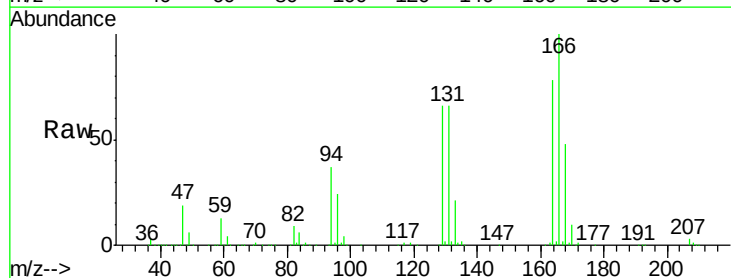
Ion Ratio Lower Upper

164 100

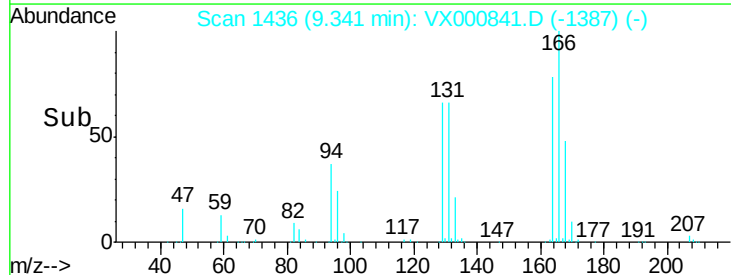
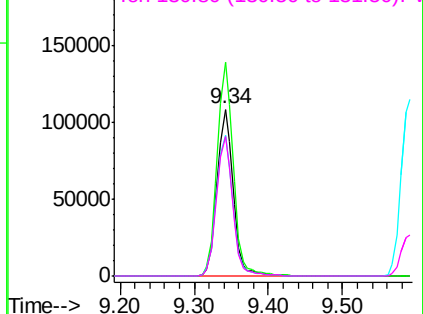
166 128.2 102.8 154.2

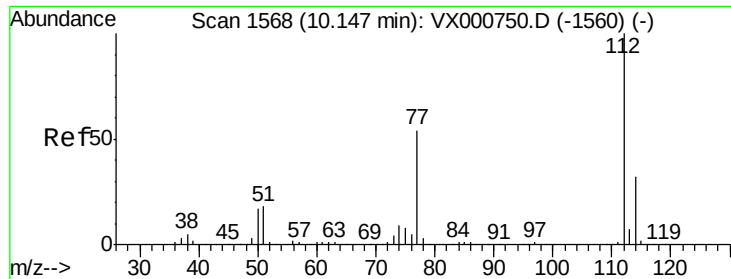
129 84.8 68.5 102.7

131 84.1 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: 50.08 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

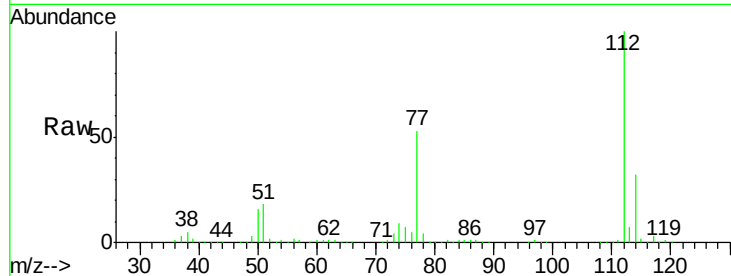
VSTDCCC050

Tgt Ion:112 Resp: 409574

Ion Ratio Lower Upper

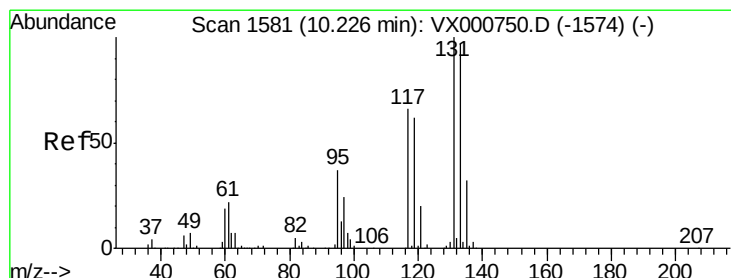
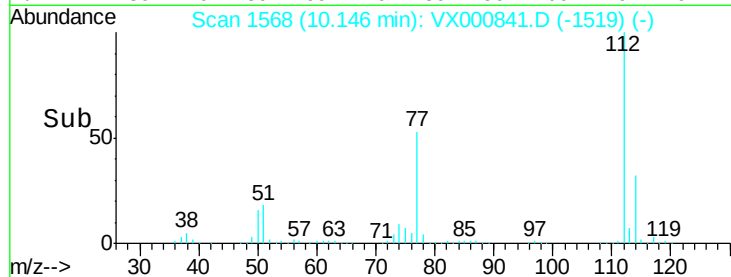
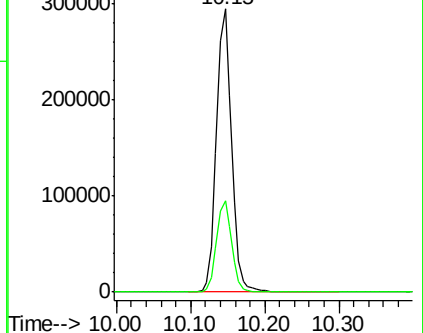
112 100

114 32.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.37 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

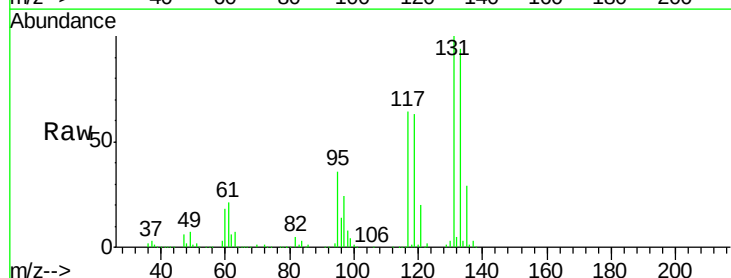
Tgt Ion:131 Resp: 151980

Ion Ratio Lower Upper

131 100

133 95.0 48.3 144.9

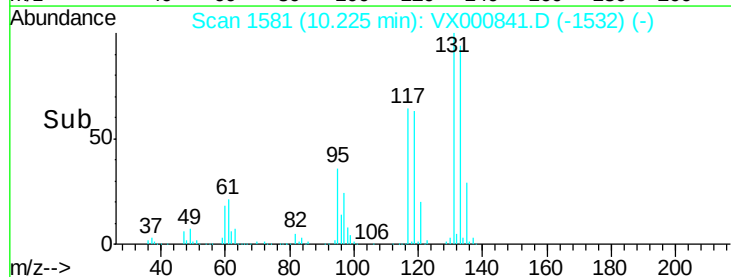
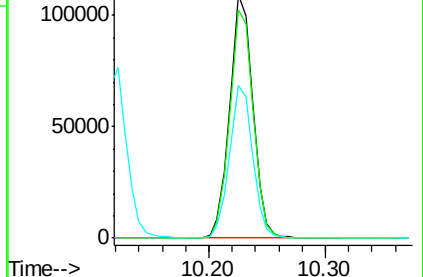
119 63.1 31.4 94.0

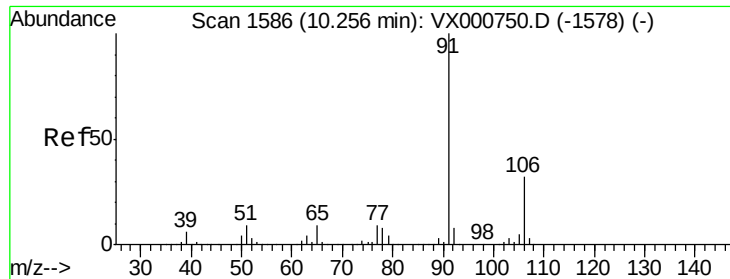


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

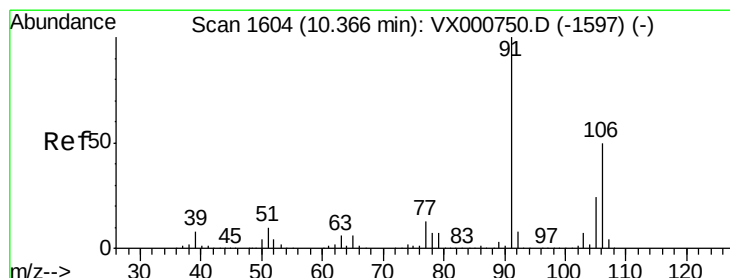
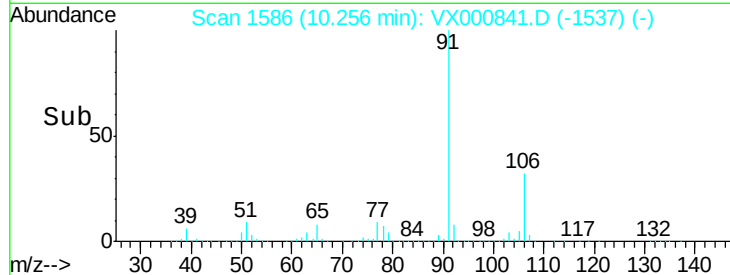
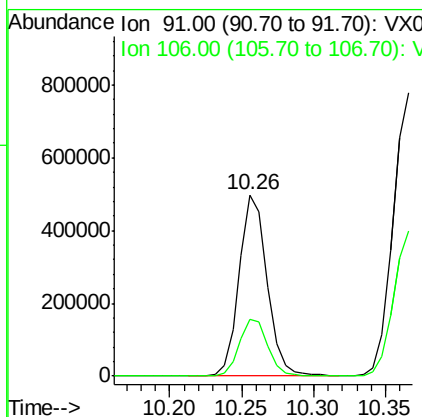
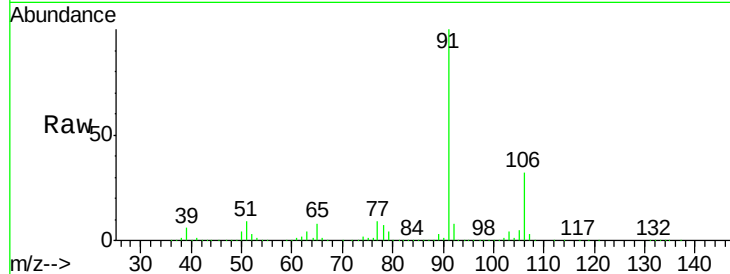




#67
 Ethyl Benzene
 Concen: 49.48 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

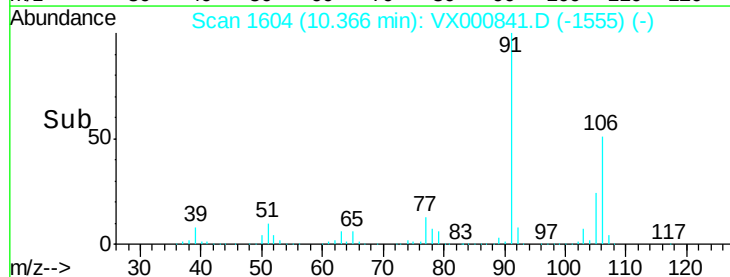
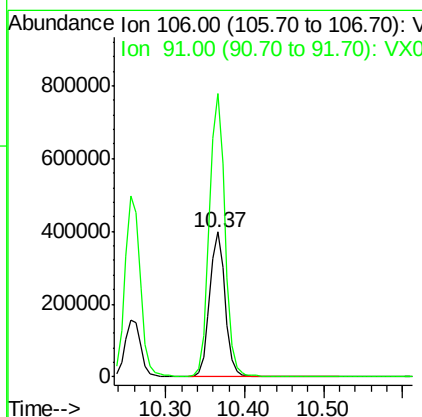
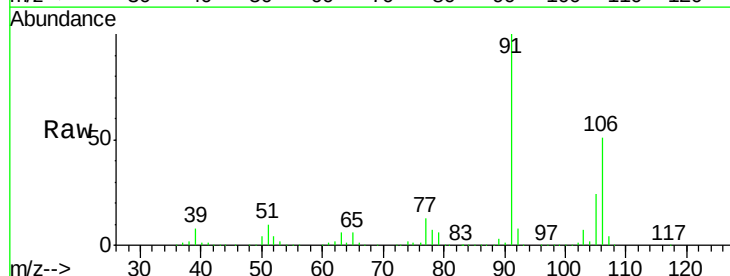
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

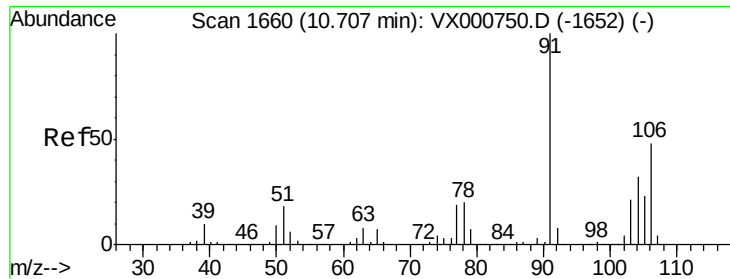
Tgt Ion: 91 Resp: 674768
 Ion Ratio Lower Upper
 91 100
 106 31.6 25.4 38.0



#68
 m/p-Xylenes
 Concen: 100.47 ug/l
 RT: 10.37 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion: 106 Resp: 540757
 Ion Ratio Lower Upper
 106 100
 91 198.2 159.3 238.9

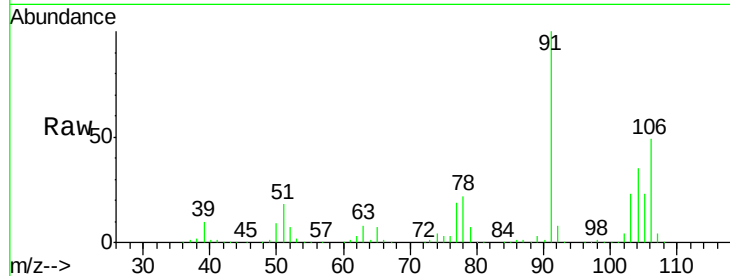




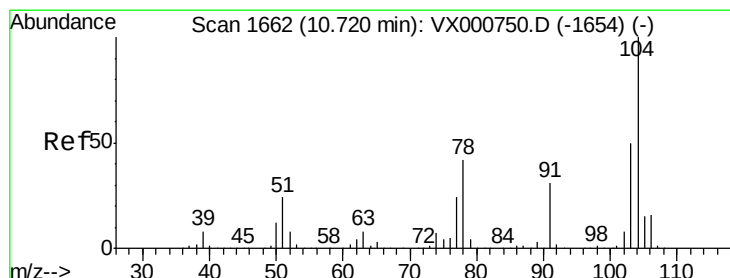
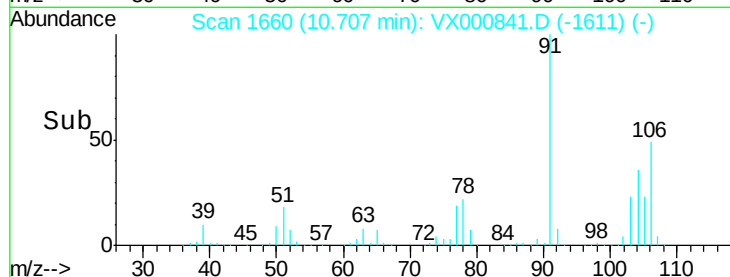
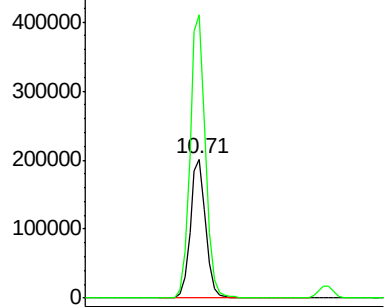
#69
o-Xylene
Concen: 50.89 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 263975
Ion Ratio Lower Upper
106 100
91 206.1 105.0 315.0

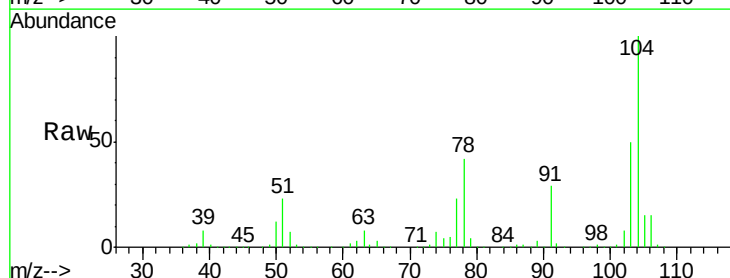


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

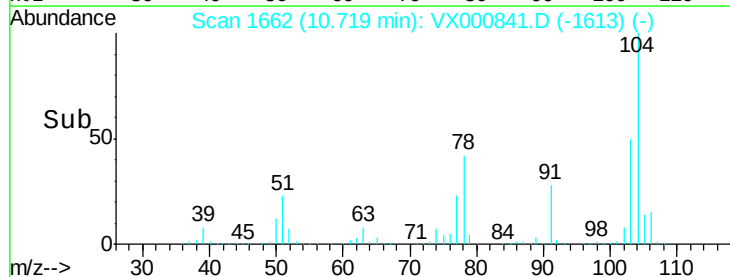
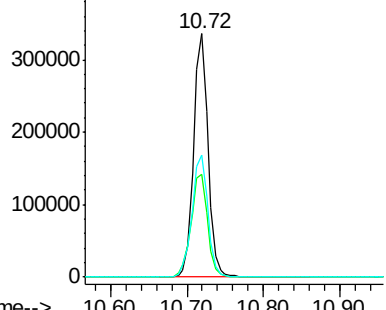


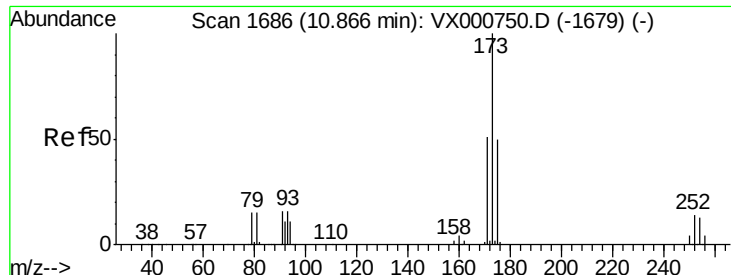
#70
Styrene
Concen: 50.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion:104 Resp: 438904
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 55.4 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

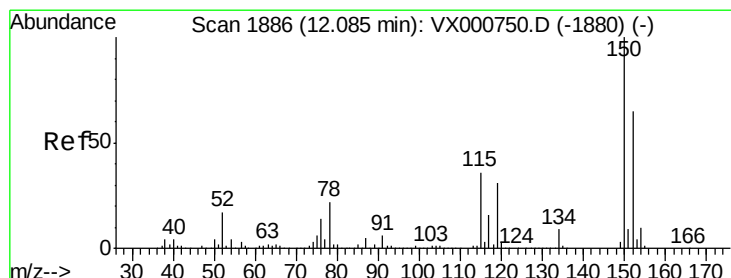
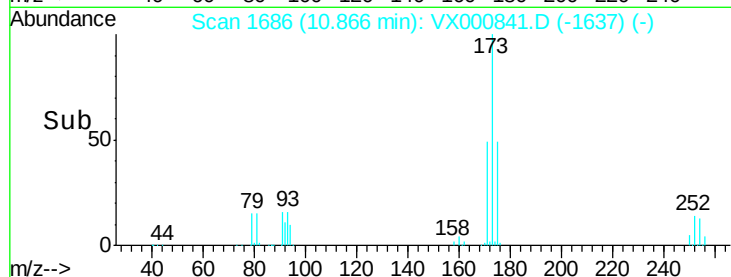
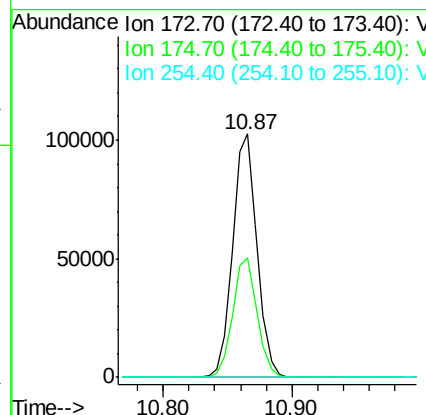
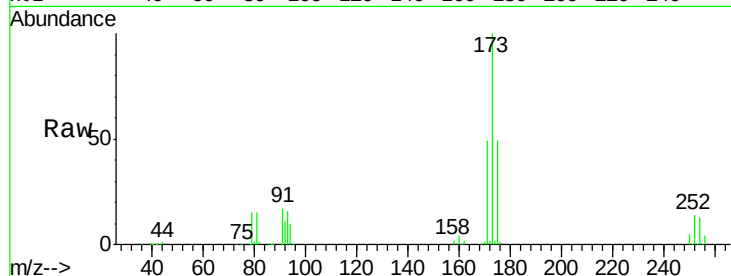




#71
Bromoform
Concen: 47.60 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

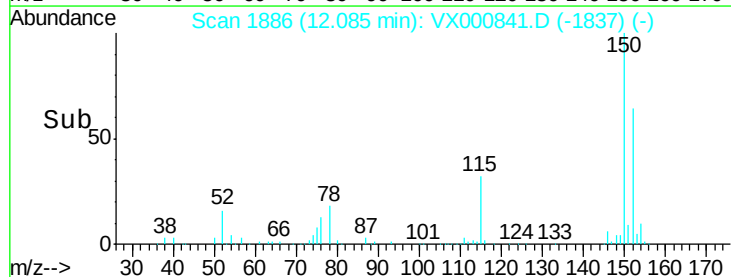
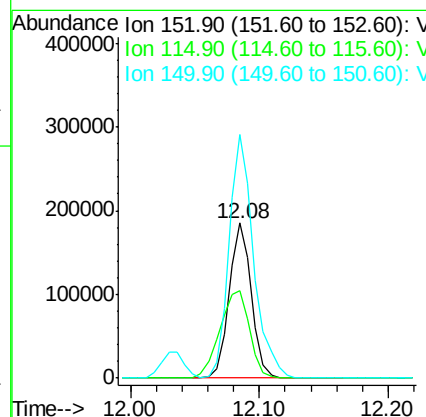
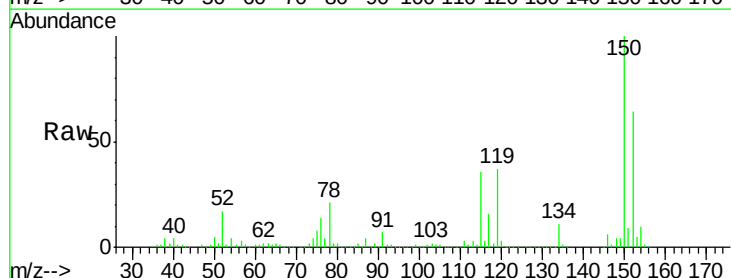
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

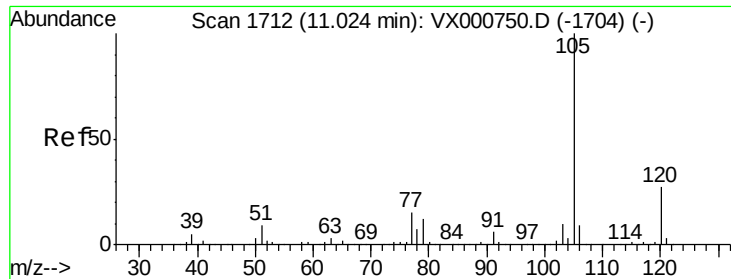
Tgt Ion:173 Resp: 135689
Ion Ratio Lower Upper
173 100
175 49.2 24.5 73.5
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion:152 Resp: 223365
Ion Ratio Lower Upper
152 100
115 75.5 37.9 113.7
150 174.5 0.0 348.0

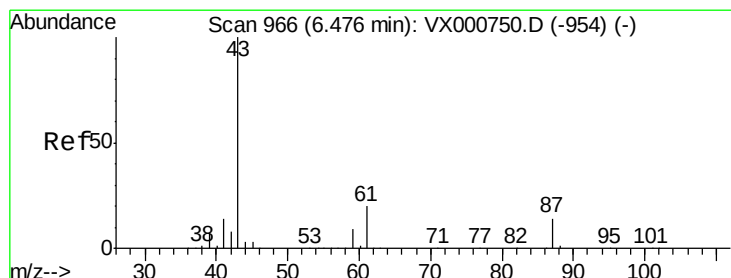
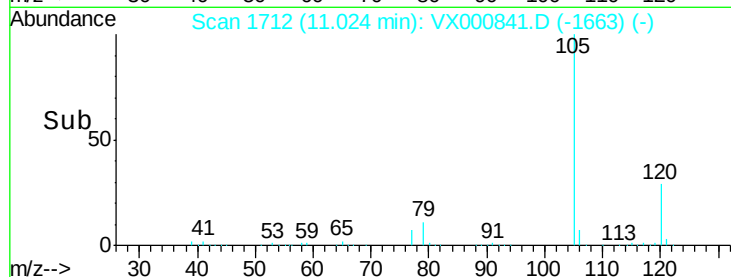
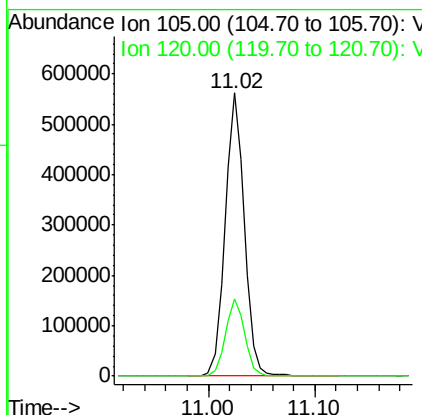
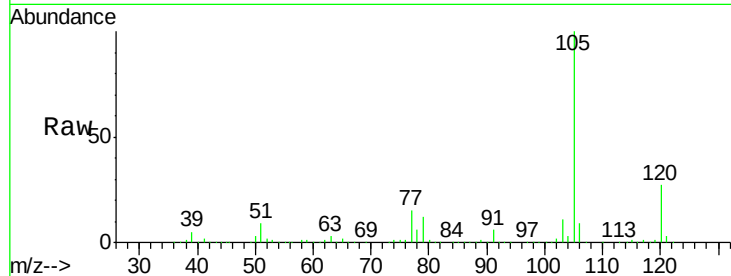




#73
Isopropylbenzene
Concen: 50.02 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

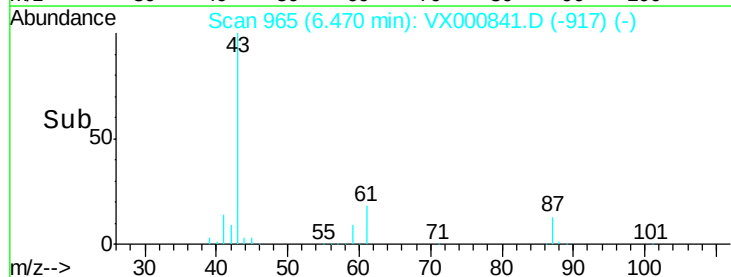
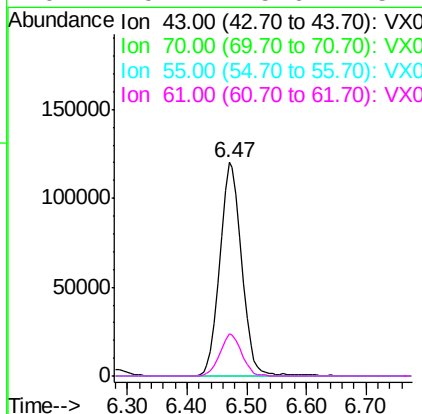
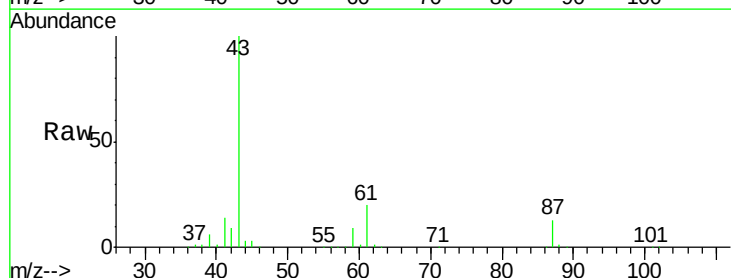
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

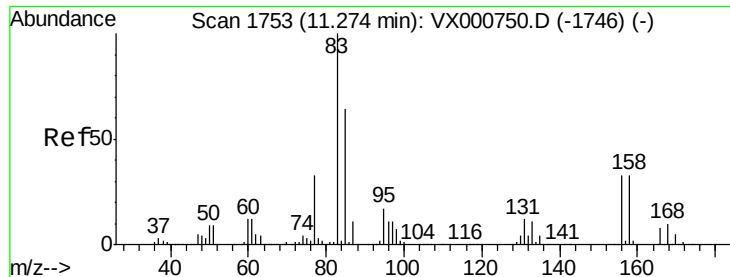
Tgt Ion: 105 Resp: 708793
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0



#74
N-amyl acetate
Concen: 47.84 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion: 43 Resp: 305248
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0
61 19.7 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

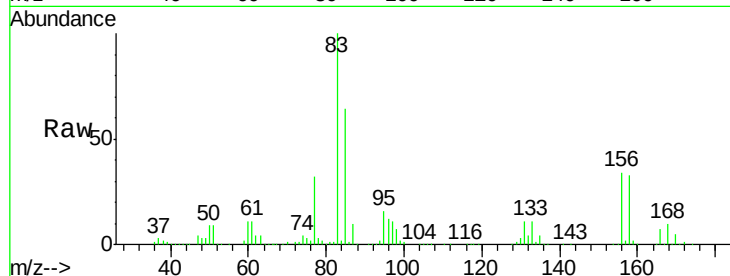
Tgt Ion: 83 Resp: 200157

Ion Ratio Lower Upper

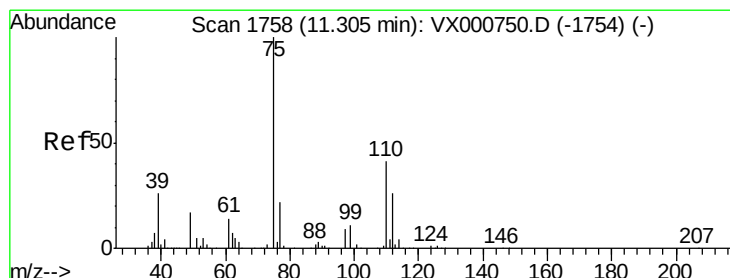
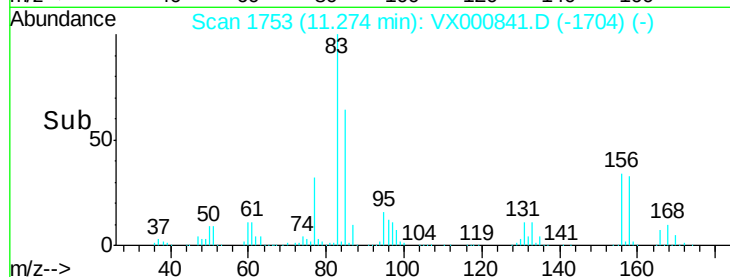
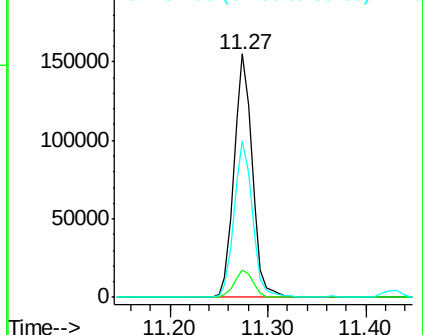
83 100

131 11.6 6.0 18.0

85 64.9 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 62.22 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000841.D

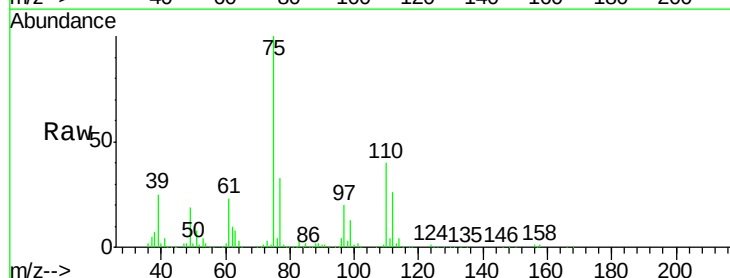
Acq: 13 Apr 2018 10:50

Tgt Ion: 75 Resp: 239698

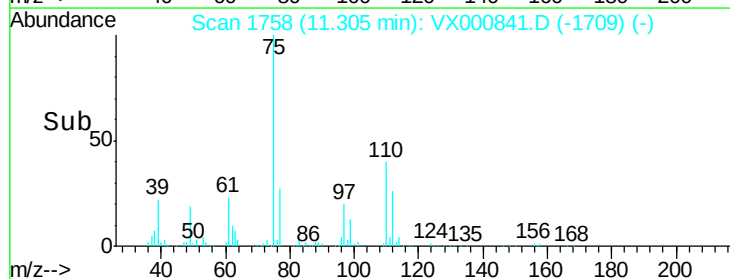
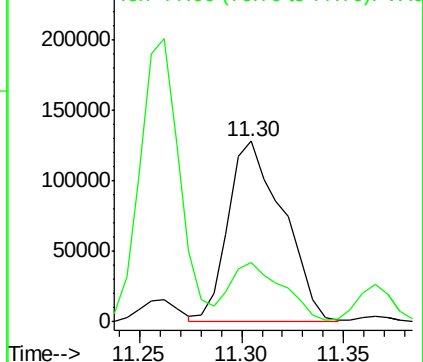
Ion Ratio Lower Upper

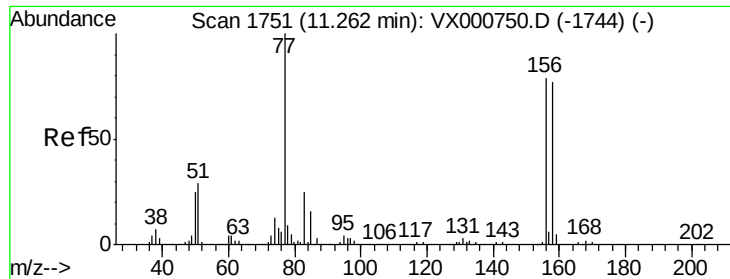
75 100

77 31.5 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: 49.48 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

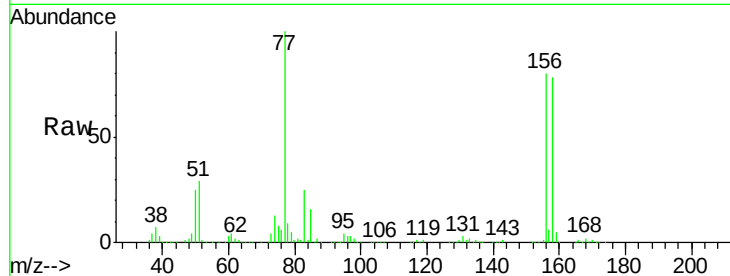
Tgt Ion: 156 Resp: 205498

Ion Ratio Lower Upper

156 100

77 130.5 66.0 198.2

158 97.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

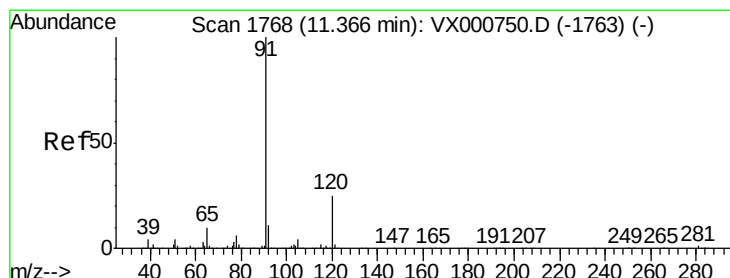
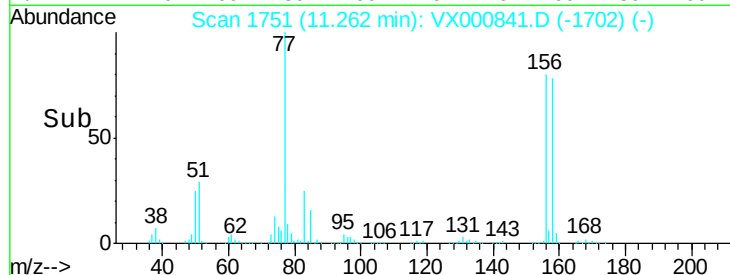
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->

11.26

11.30



#78

n-propylbenzene

Concen: 49.96 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000841.D

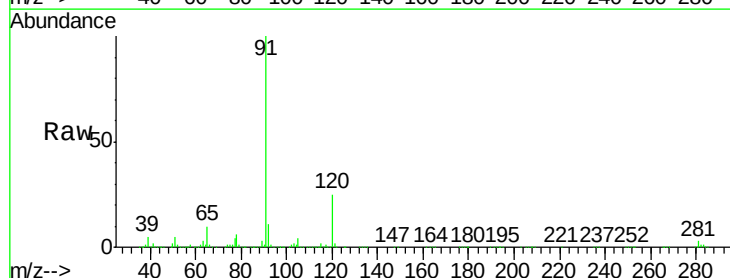
Acq: 13 Apr 2018 10:50

Tgt Ion: 91 Resp: 809797

Ion Ratio Lower Upper

91 100

120 25.1 12.6 37.6



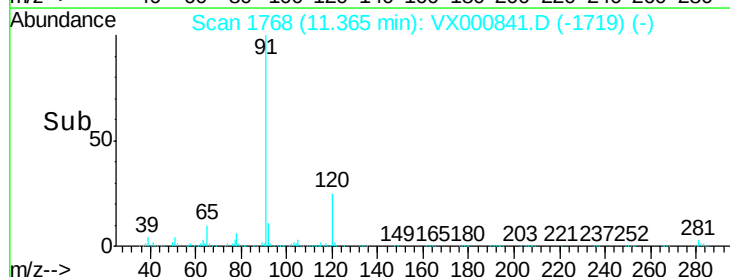
Abundance Ion 91.00 (90.70 to 91.70): VX0

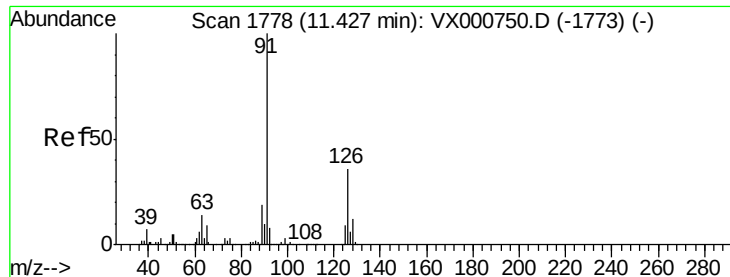
Ion 120.00 (119.70 to 120.70): V

Time-->

11.37

11.40





#79

2-Chlorotoluene

Concen: 49.36 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

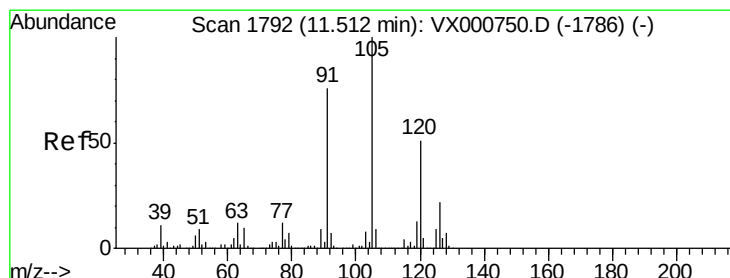
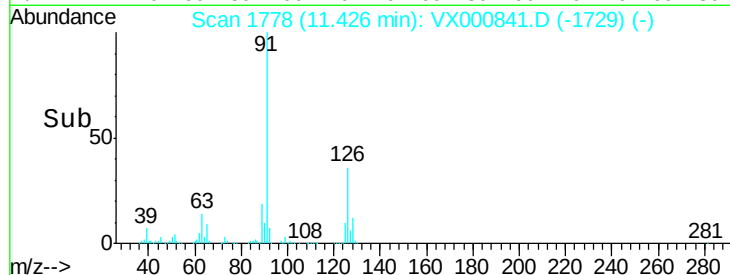
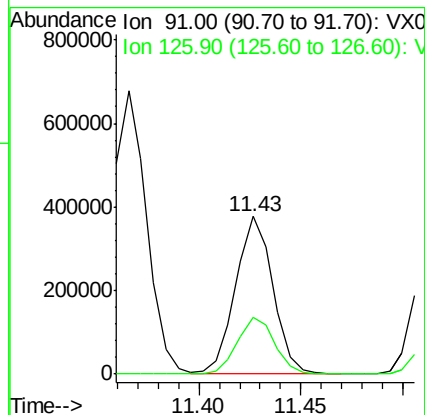
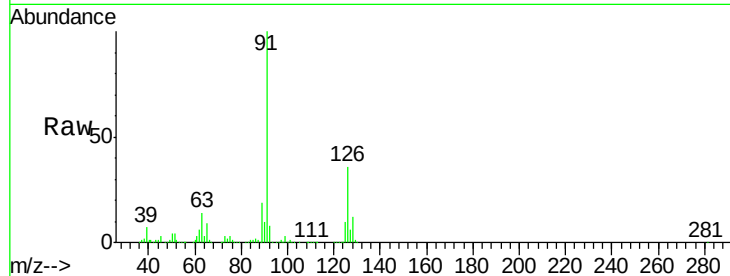
VSTDCCC050

Tgt Ion: 91 Resp: 472856

Ion Ratio Lower Upper

91 100

126 37.0 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 49.34 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000841.D

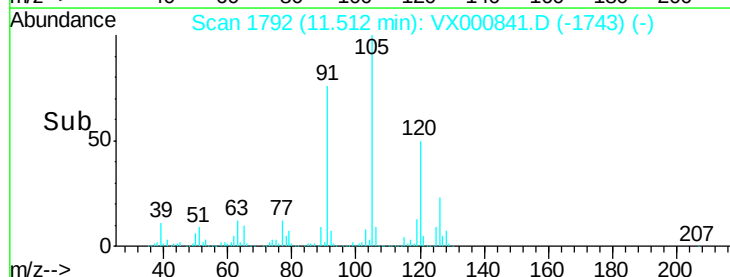
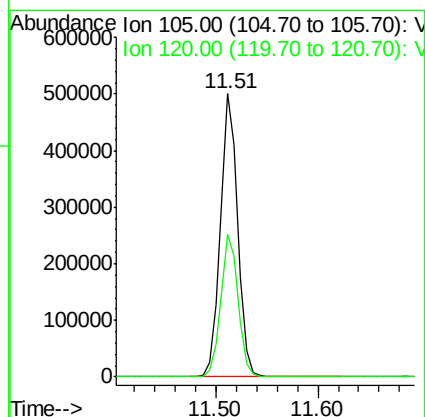
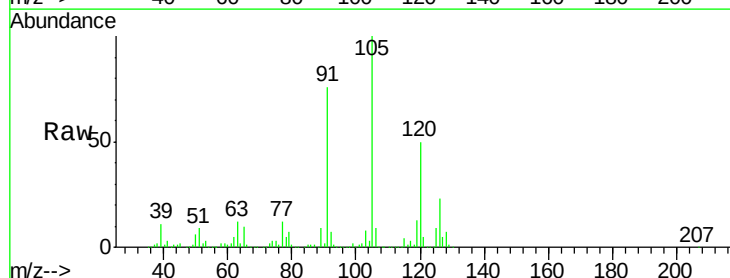
Acq: 13 Apr 2018 10:50

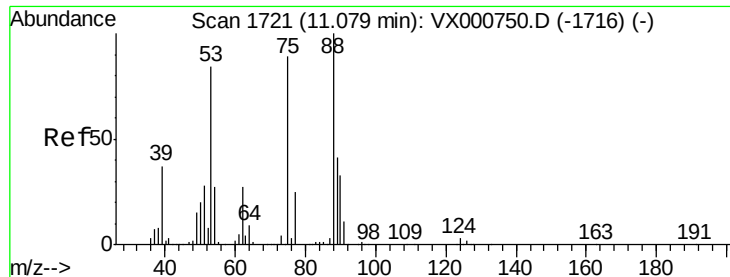
Tgt Ion: 105 Resp: 601295

Ion Ratio Lower Upper

105 100

120 50.4 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.55 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

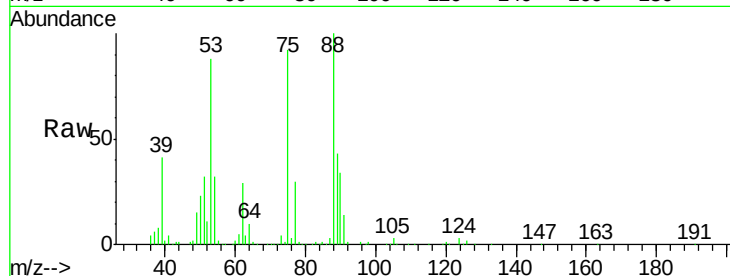
Tgt Ion: 75 Resp: 63787

Ion Ratio Lower Upper

75 100

53 96.8 75.4 113.0

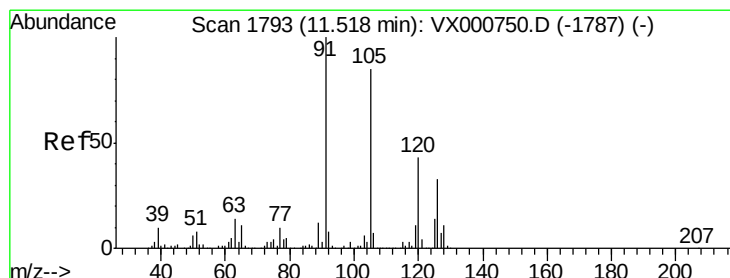
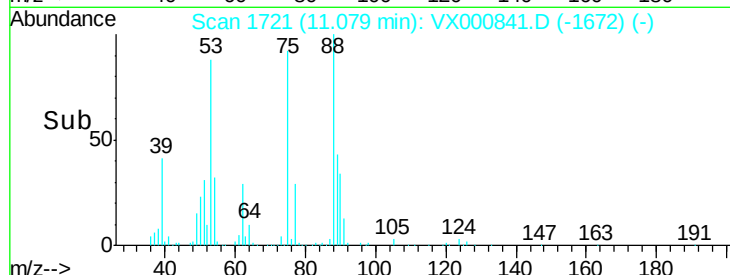
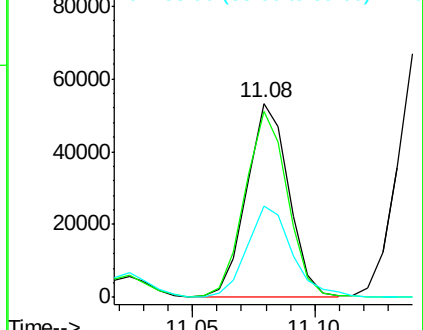
89 51.0 40.9 61.3



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: 48.81 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000841.D

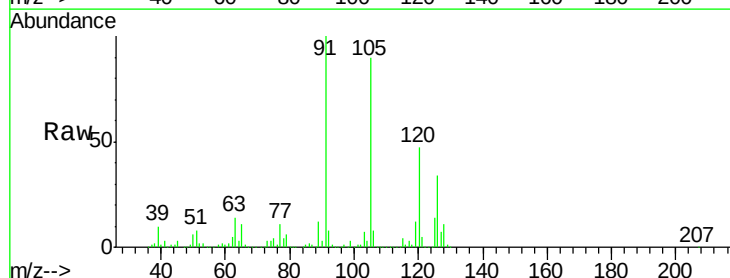
Acq: 13 Apr 2018 10:50

Tgt Ion: 91 Resp: 564389

Ion Ratio Lower Upper

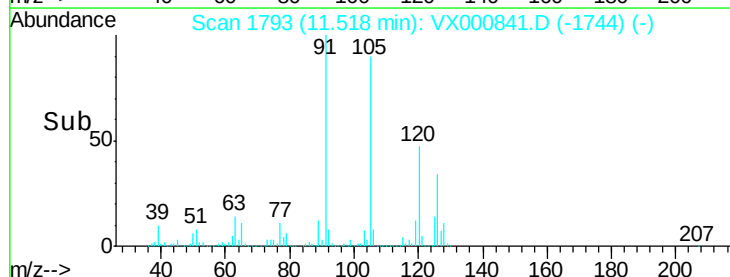
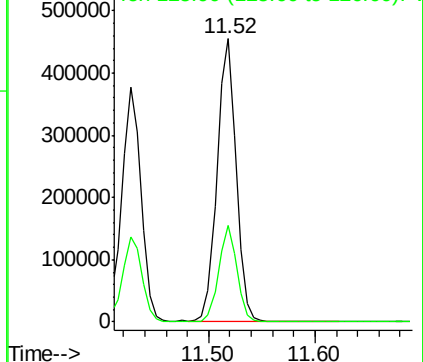
91 100

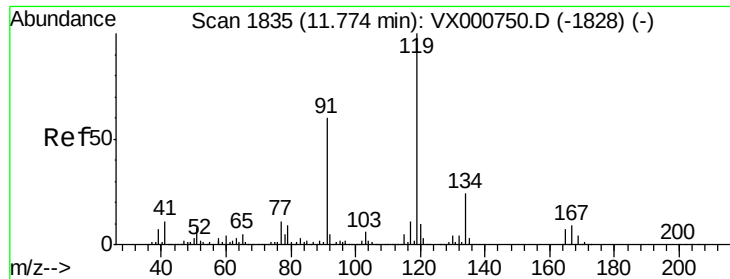
126 32.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

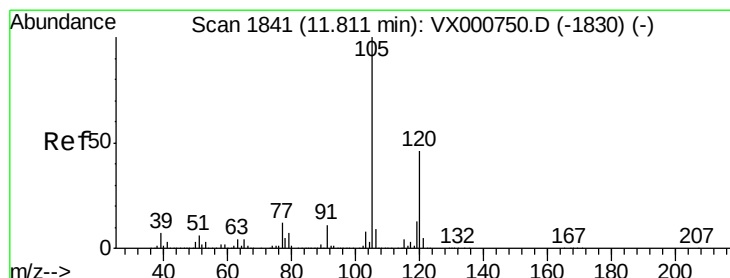
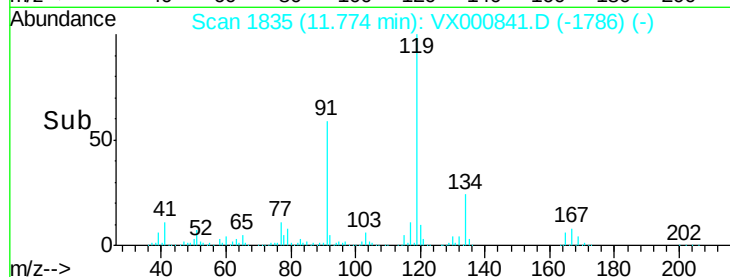
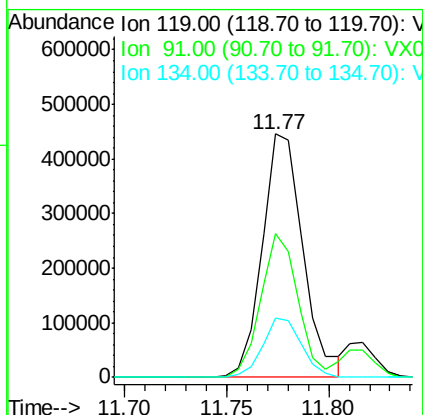
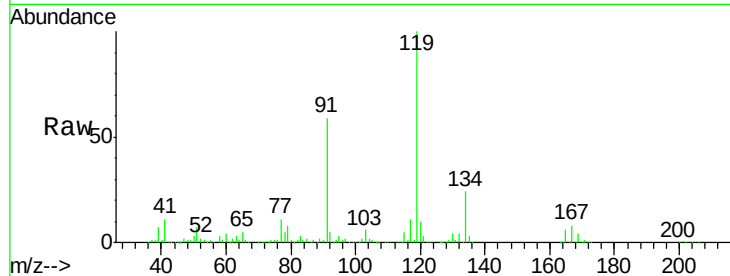




#83
 tert-Butylbenzene
 Concen: 49.93 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

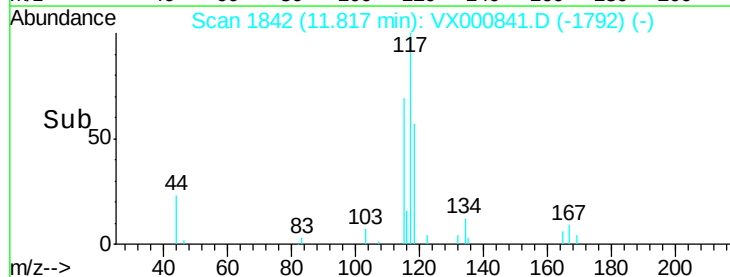
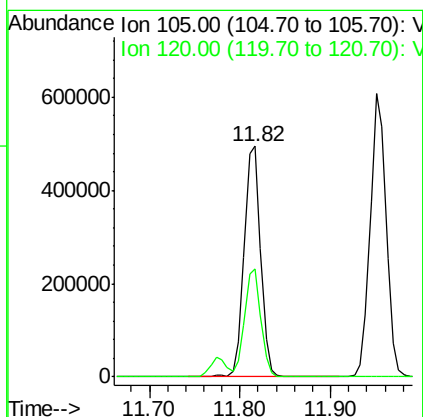
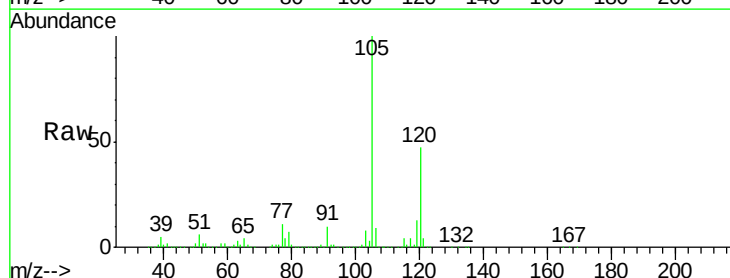
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

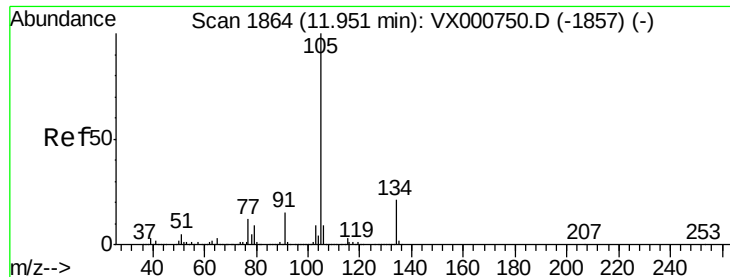
Tgt Ion:119 Resp: 622527
 Ion Ratio Lower Upper
 119 100
 91 53.6 26.8 80.3
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.59 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion:105 Resp: 623931
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.47 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

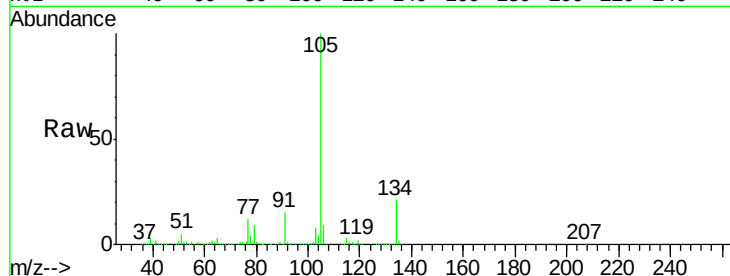
VSTDCCC050

Tgt Ion:105 Resp: 742253

Ion Ratio Lower Upper

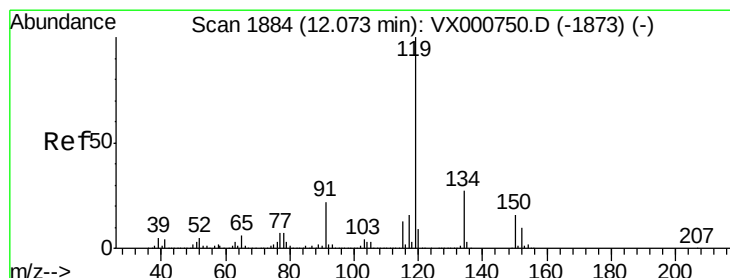
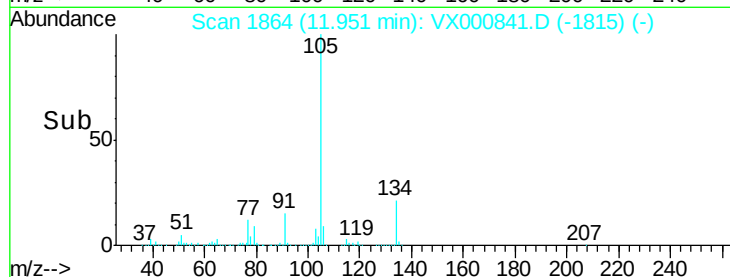
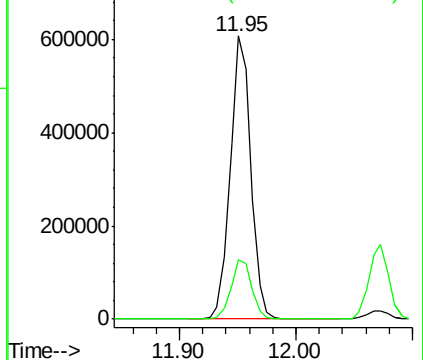
105 100

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



#86

p-Isopropyltoluene

Concen: 50.30 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

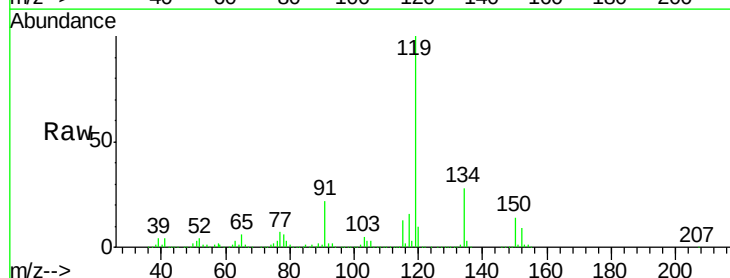
Tgt Ion:119 Resp: 689918

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

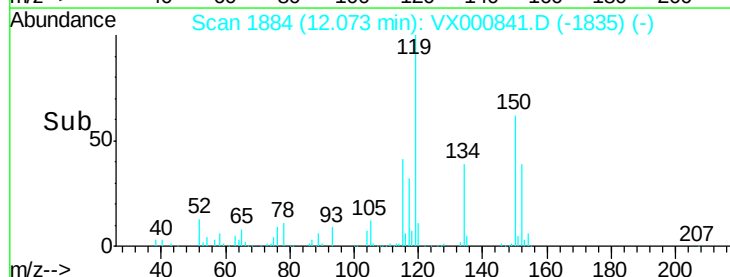
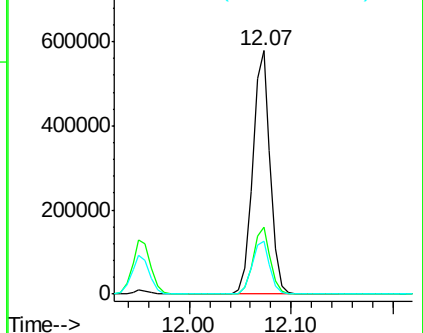
91 22.2 11.2 33.5

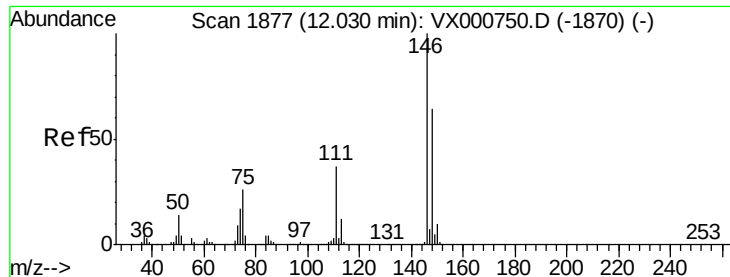


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

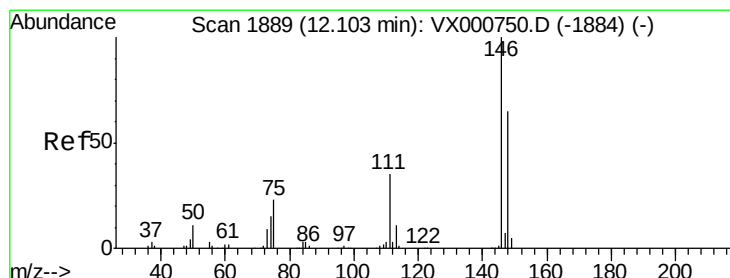
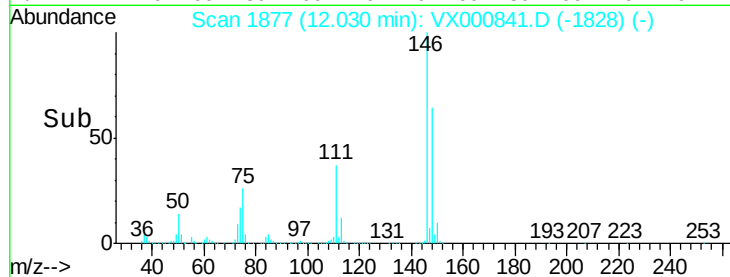
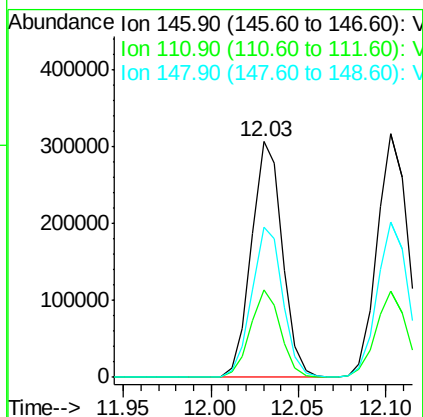
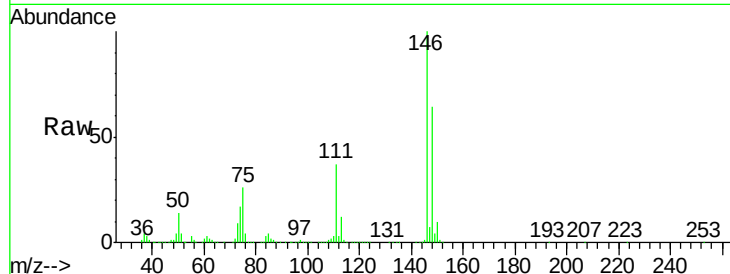




#87
 1,3-Dichlorobenzene
 Concen: 49.69 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

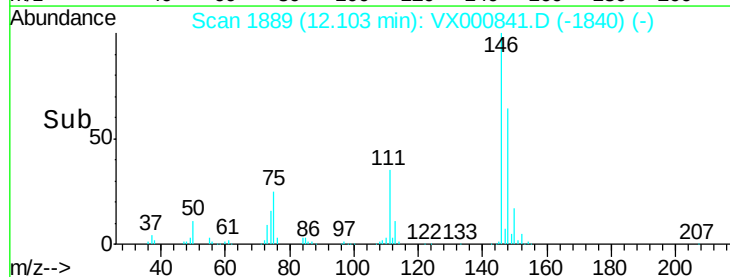
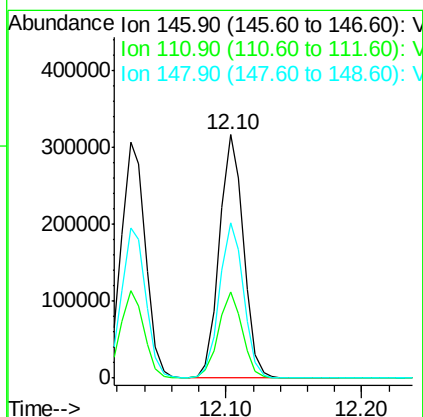
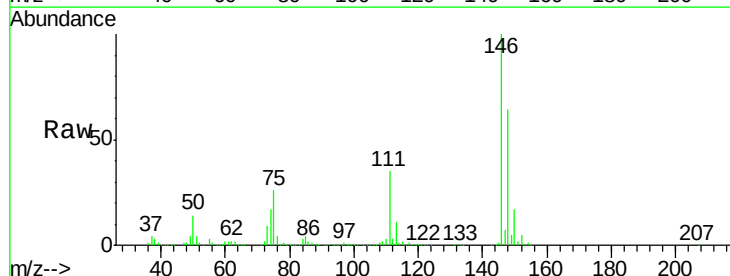
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

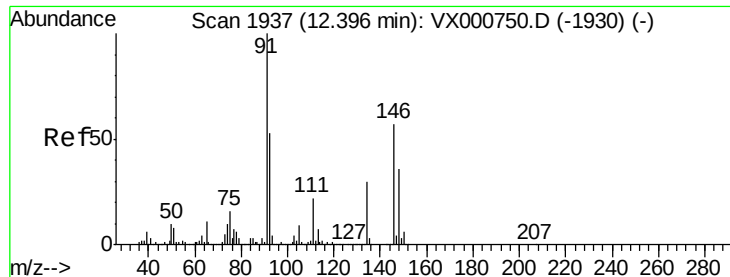
Tgt Ion:146 Resp: 381959
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.3 54.8
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.31 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion:146 Resp: 388439
 Ion Ratio Lower Upper
 146 100
 111 35.3 17.9 53.8
 148 64.0 32.6 97.7





#89

n-Butylbenzene

Concen: 50.78 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

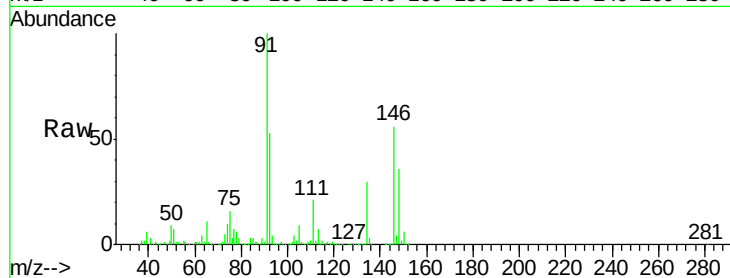
Tgt Ion: 91 Resp: 614784

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

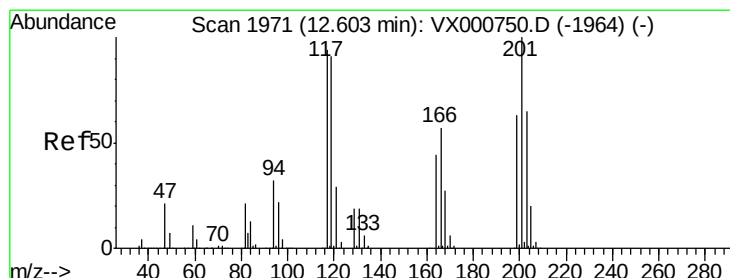
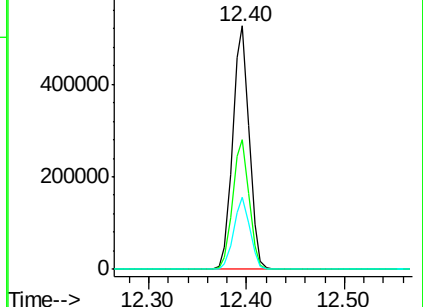
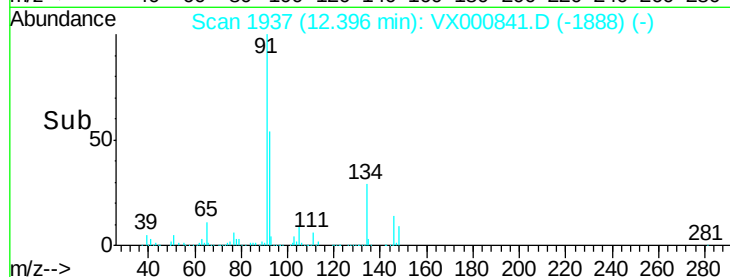
134 29.0 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VX000841.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000841.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000841.D (-1930) (-)



#90

Hexachloroethane

Concen: 47.18 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000841.D

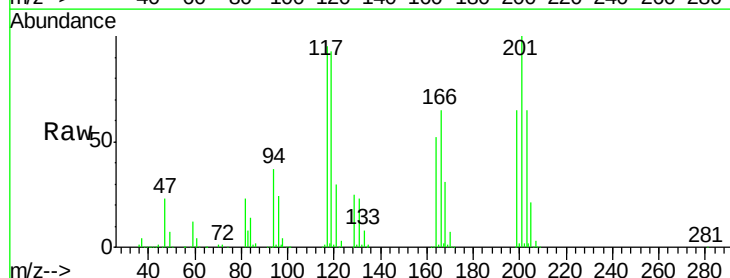
Acq: 13 Apr 2018 10:50

Tgt Ion: 117 Resp: 109502

Ion Ratio Lower Upper

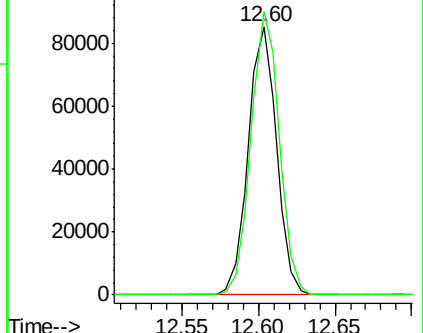
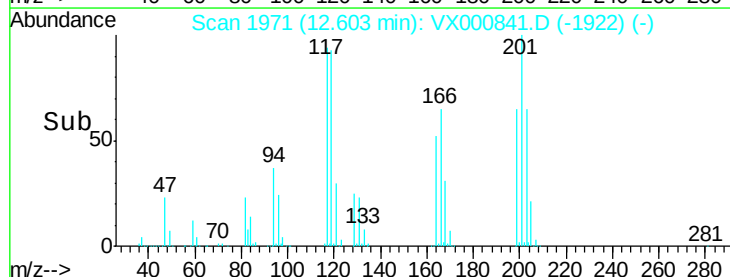
117 100

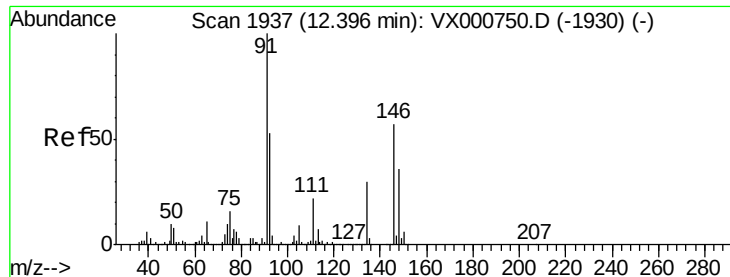
201 106.1 52.9 158.7



Abundance Ion 116.80 (116.50 to 117.50): VX000841.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000841.D (-1964) (-)

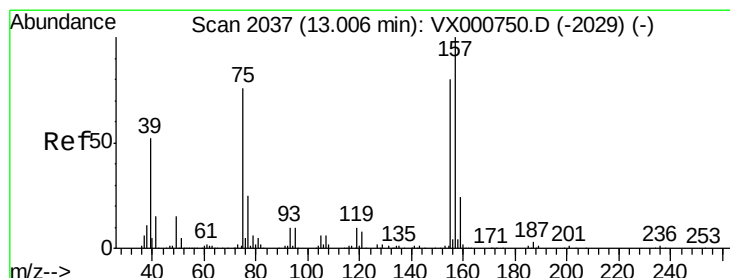
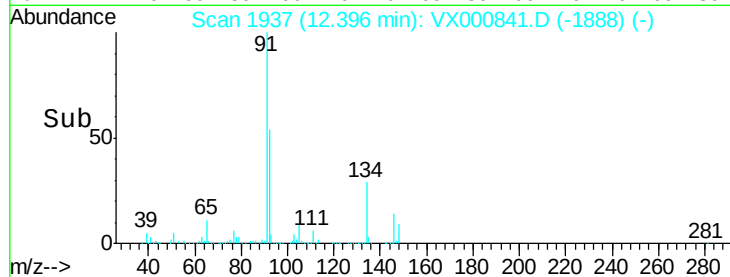
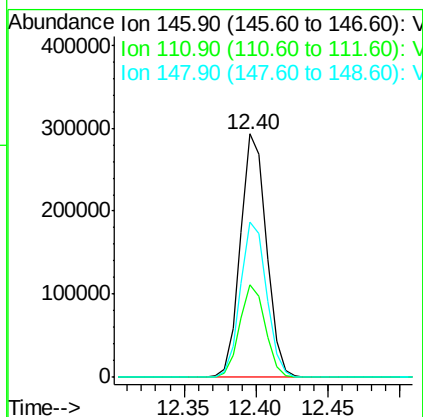
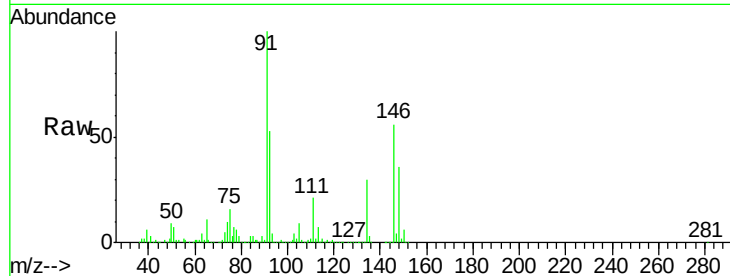




#91
 1,2-Dichlorobenzene
 Concen: 49.55 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

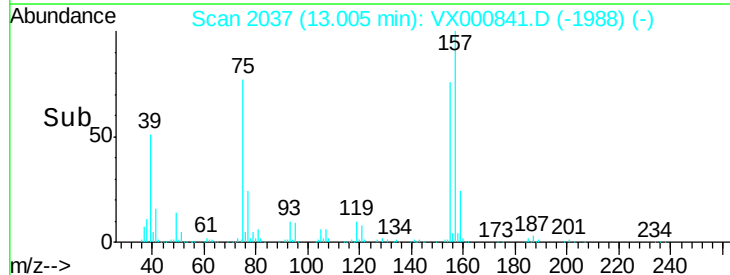
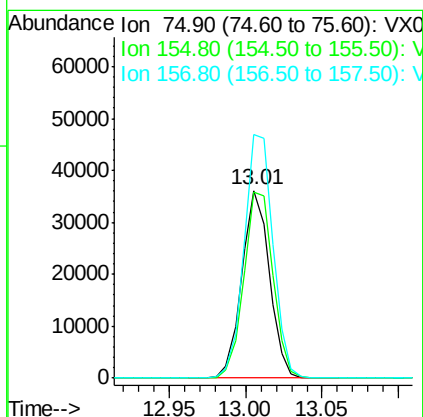
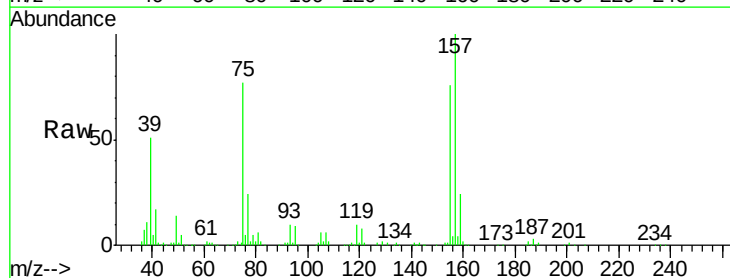
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

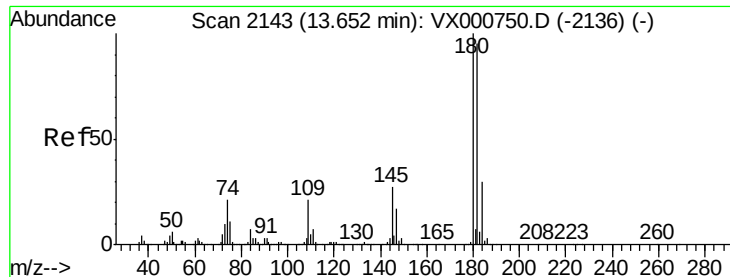
Tgt Ion: 146 Resp: 367702
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.7
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.79 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion: 75 Resp: 45116
 Ion Ratio Lower Upper
 75 100
 155 104.5 51.9 155.8
 157 136.1 66.6 199.8

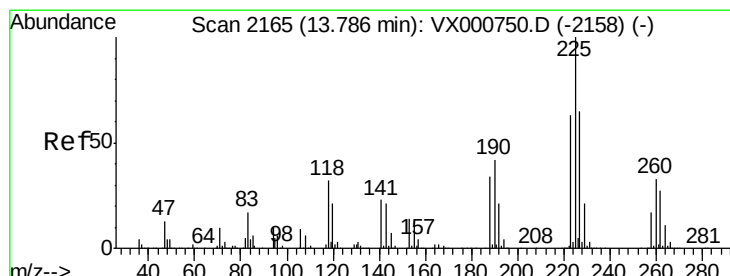
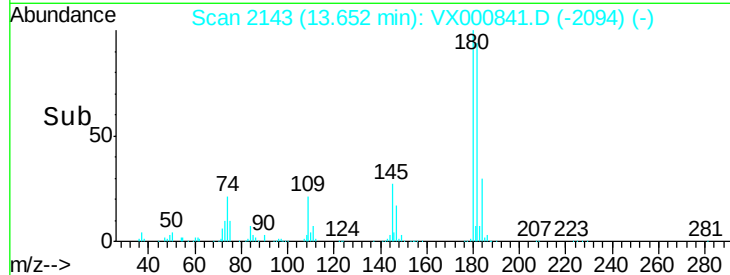
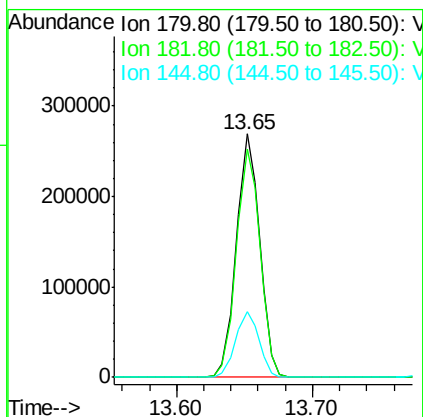
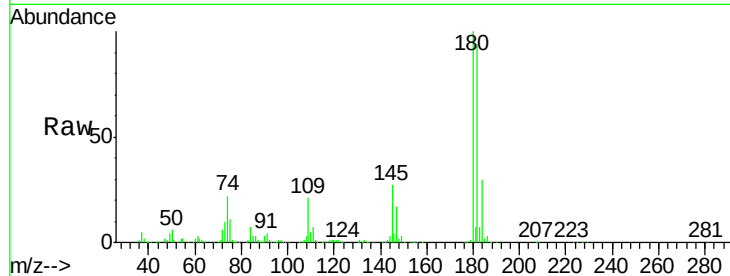




#93
 1,2,4-Trichlorobenzene
 Concen: 50.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

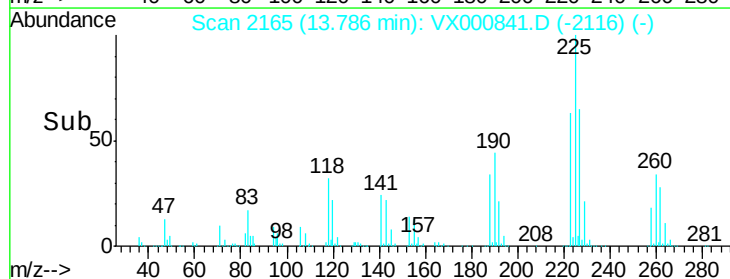
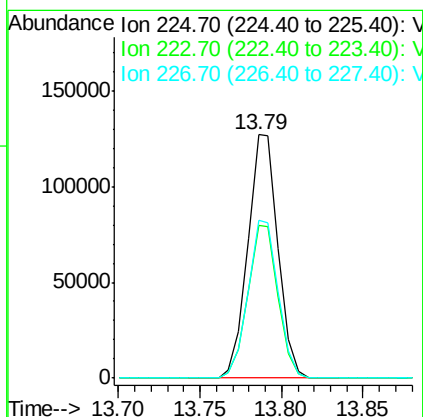
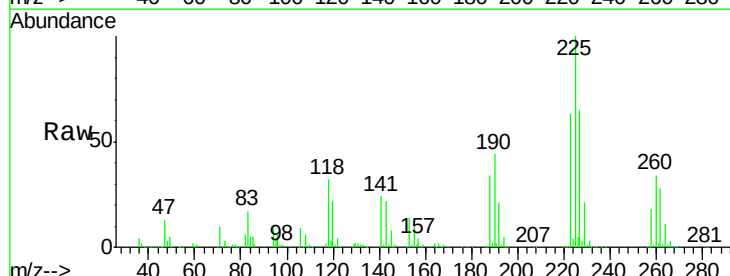
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

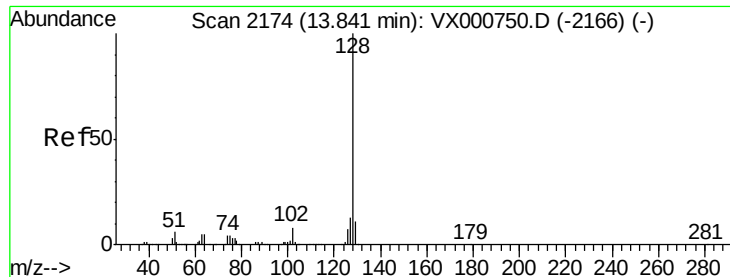
Tgt Ion:180 Resp: 320895
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.5
 145 27.5 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 52.56 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion:225 Resp: 163642
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.2 93.6
 227 64.7 32.3 96.9

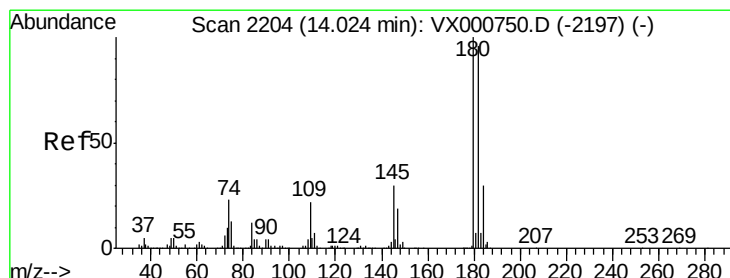
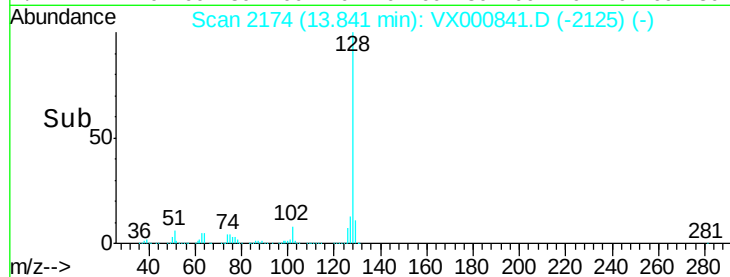
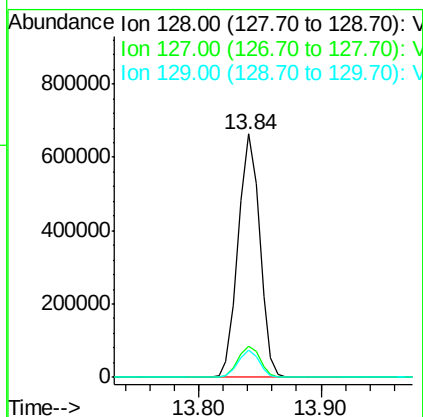
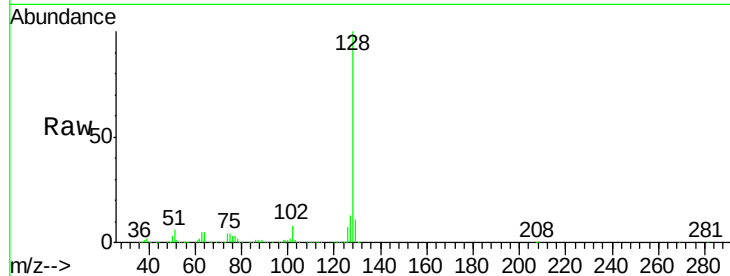




#95
Naphthalene
Concen: 49.67 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 807216
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.04 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion:180 Resp: 307771
Ion Ratio Lower Upper
180 100
182 96.3 48.4 145.2
145 29.0 14.6 43.8

