

Data File : VX000911.D

Acq On : 15 Apr 2018 21:16

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 16 07:42:21 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	250921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149496	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.51	113	127886	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.72	98	466848	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	11.15	95	190479	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133469	47.12	ug/l	100
3) Chloromethane	1.32	50	116068	47.79	ug/l	99
4) Vinyl Chloride	1.41	62	135472	49.59	ug/l	97
5) Bromomethane	1.64	94	78448	69.93	ug/l	98
6) Chloroethane	1.73	64	82266	49.69	ug/l	100
7) Trichlorofluoromethane	1.93	101	205292	49.81	ug/l	98
8) Diethyl Ether	2.19	74	78052	50.70	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122133	50.26	ug/l	99
10) Methyl Iodide	2.52	142	85385	45.95	ug/l	99
11) Tert butyl alcohol	3.07	59	110524	196.76	ug/l	100
12) 1,1-Dichloroethene	2.38	96	112390	48.80	ug/l	99
13) Acrolein	2.30	56	37907	138.96	ug/l	96
14) Allyl chloride	2.73	41	204897	48.12	ug/l	100
15) Acrylonitrile	3.15	53	298802	249.50	ug/l	99
16) Acetone	2.45	43	240203	220.16	ug/l	100
17) Carbon Disulfide	2.57	76	288716	41.40	ug/l	99
18) Methyl Acetate	2.78	43	152686	54.08	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	396344	51.67	ug/l	99
20) Methylene Chloride	2.86	84	125300	49.38	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	123568	48.66	ug/l	99
22) Diisopropyl ether	3.87	45	425748	54.40	ug/l	94
23) Vinyl Acetate	3.83	43	1750111	254.71	ug/l	99
24) 1,1-Dichloroethane	3.70	63	229400	52.24	ug/l	100
25) 2-Butanone	4.71	43	419325	232.74	ug/l	99
26) 2,2-Dichloropropane	4.59	77	186627	42.82	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	148065	51.38	ug/l	97
28) Bromochloromethane	5.03	49	87946	49.73	ug/l	99
29) Tetrahydrofuran	5.17	42	269735	235.78	ug/l	99
30) Chloroform	5.23	83	240520	51.73	ug/l	96
31) Cyclohexane	5.59	56	200633	48.11	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	219716	49.60	ug/l	100
36) 1,1-Dichloropropene	5.81	75	181988	48.48	ug/l	98
37) Ethyl Acetate	4.87	43	171218	46.72	ug/l	100
38) Carbon Tetrachloride	5.79	117	193277	46.00	ug/l	97

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Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Quant Time: Apr 16 07:42:21 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M

Quant Title : SW846 8260

QLast Update : Tue Apr 10 15:49:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	203075	45.05	ug/l	97
40) Benzene	6.15	78	524785	50.32	ug/l	100
41) Methacrylonitrile	5.07	41	102575	48.45	ug/l	99
42) 1,2-Dichloroethane	6.20	62	194693	49.98	ug/l	99
43) Isopropyl Acetate	6.47	43	299094	47.61	ug/l	100
44) Trichloroethene	7.22	130	159139	49.06	ug/l	98
45) 1,2-Dichloropropane	7.52	63	136609	51.44	ug/l	96
46) Dibromomethane	7.67	93	92180	49.78	ug/l	99
47) Bromodichloromethane	7.90	83	180583	48.32	ug/l	97
48) Methyl methacrylate	7.79	41	156471	48.05	ug/l	99
49) 1,4-Dioxane	7.76	88	48740	744.77	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	897103	243.09	ug/l	100
52) Toluene	8.79	92	346011	50.01	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	217603	48.54	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	205567	47.09	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	139532	50.80	ug/l	99
56) Ethyl methacrylate	9.19	69	209992	49.56	ug/l	98
57) 1,3-Dichloropropane	9.38	76	225520	51.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	526381	265.87	ug/l	100
59) 2-Hexanone	9.51	43	661127	232.05	ug/l	100
60) Dibromochloromethane	9.59	129	157099	47.80	ug/l	100
61) 1,2-Dibromoethane	9.68	107	148027	50.80	ug/l	99
64) Tetrachloroethene	9.34	164	162178	51.02	ug/l	100
65) Chlorobenzene	10.15	112	411883	50.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	150617	48.93	ug/l	100
67) Ethyl Benzene	10.26	91	682285	50.04	ug/l	99
68) m/p-Xylenes	10.37	106	535138	99.44	ug/l	100
69) o-Xylene	10.71	106	261558	50.43	ug/l	100
70) Styrene	10.72	104	441453	50.48	ug/l	99
71) Bromoform	10.87	173	127914	44.88	ug/l	99
73) Isopropylbenzene	11.02	105	703328	50.77	ug/l	100
74) N-amyl acetate	6.47	43	299094	47.94	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	199135	49.53	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	228534	60.68	ug/l	85
77) Bromobenzene	11.26	156	204120	50.27	ug/l	100
78) n-propylbenzene	11.37	91	789761	49.84	ug/l	100
79) 2-Chlorotoluene	11.43	91	468288	50.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	592545	49.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57023	41.65	ug/l	95
82) 4-Chlorotoluene	11.52	91	553899	48.99	ug/l	100
83) tert-Butylbenzene	11.77	119	605698	49.69	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	613489	49.87	ug/l	99
85) sec-Butylbenzene	11.95	105	701993	48.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	649153	48.41	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	377266	50.20	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	384640	49.94	ug/l	99
89) n-Butylbenzene	12.40	91	561836	47.47	ug/l	100
90) Hexachloroethane	12.60	117	98523	43.42	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	370283	51.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42113	41.80	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041518\
Quantitation Report (Not Reviewed)

Data File : VX000911.D
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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 16 07:42:21 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

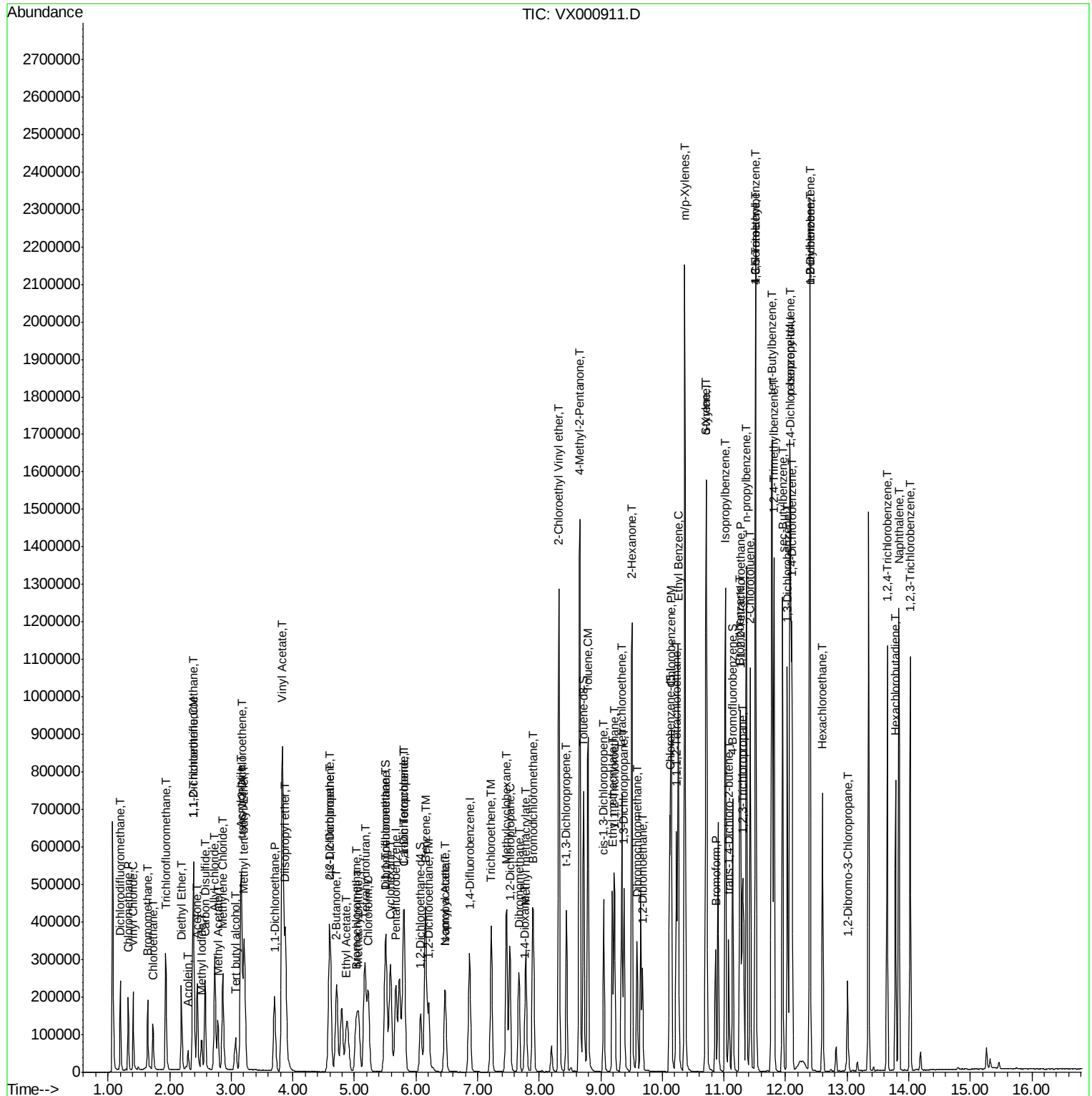
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	302963	48.94	ug/l	99
94) Hexachlorobutadiene	13.79	225	128836	42.32	ug/l	100
95) Naphthalene	13.84	128	776921	48.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	296049	49.24	ug/l	99

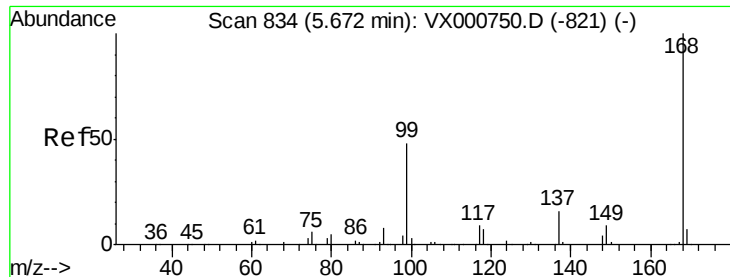
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 24 Sample Multiplier: 1

VSTDCCC050EC

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

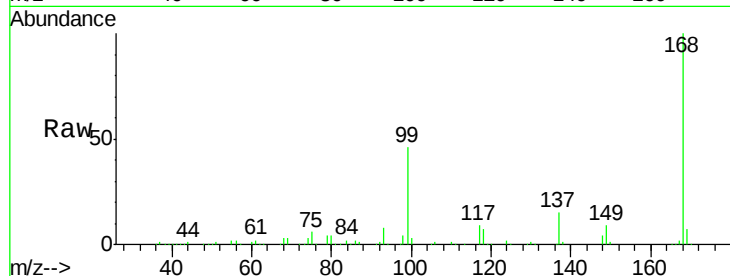
VSTDCCC050EC

Tgt Ion:168 Resp: 250921

Ion Ratio Lower Upper

168 100

99 46.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

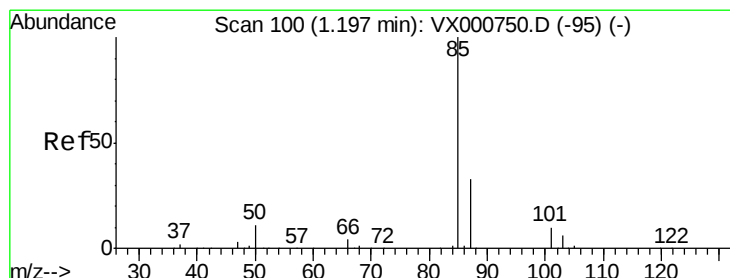
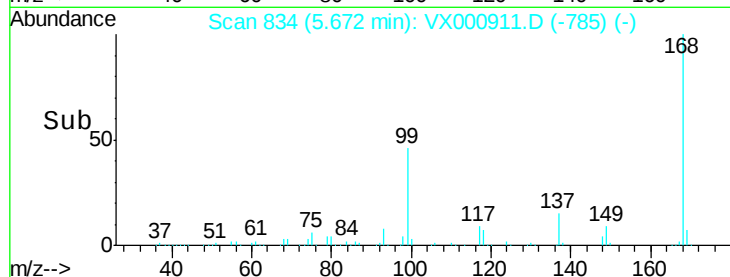
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000911.D

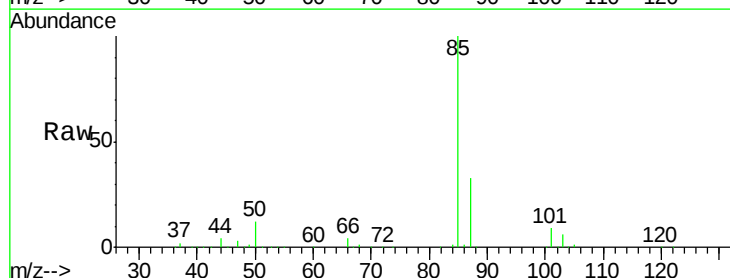
Acq: 15 Apr 2018 21:16

Tgt Ion: 85 Resp: 133469

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

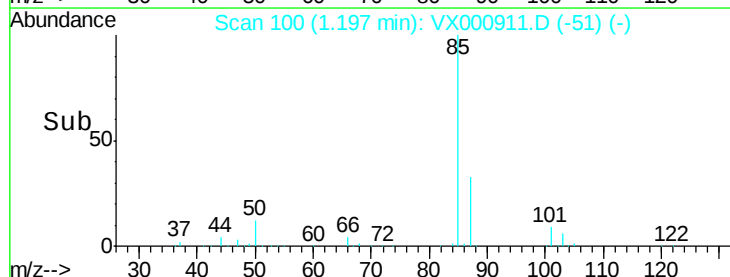
100000

50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.79 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

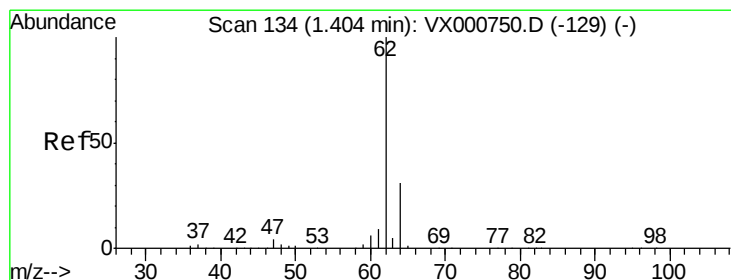
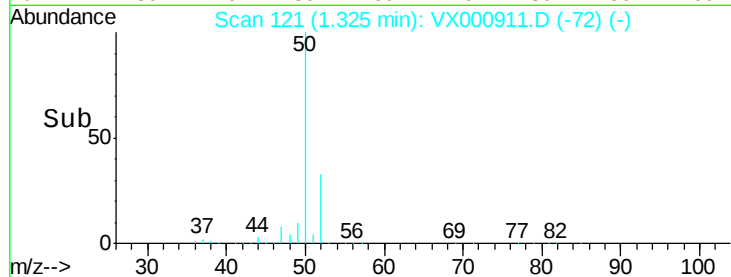
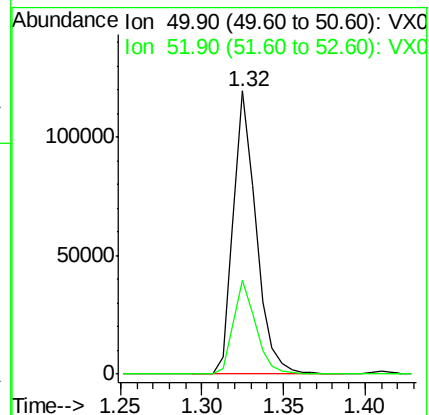
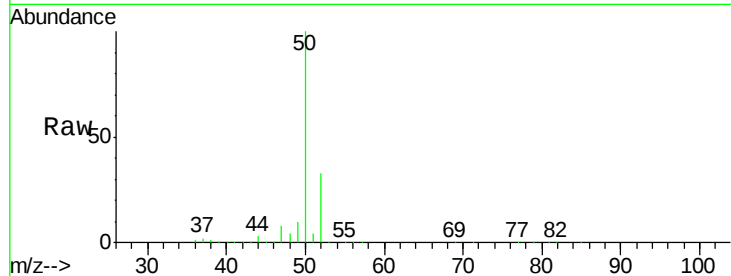
VSTDCCC050EC

Tgt Ion: 50 Resp: 116068

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.8



#4

Vinyl Chloride

Concen: 49.59 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000911.D

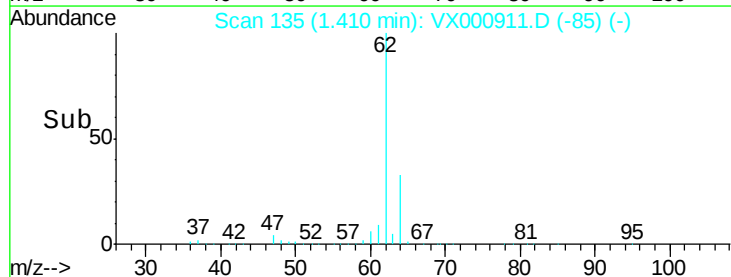
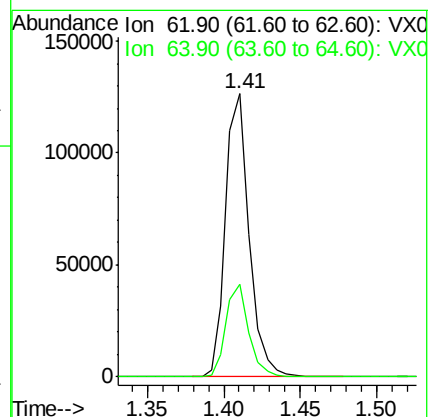
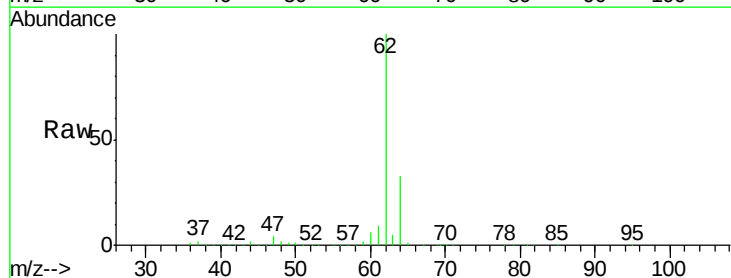
Acq: 15 Apr 2018 21:16

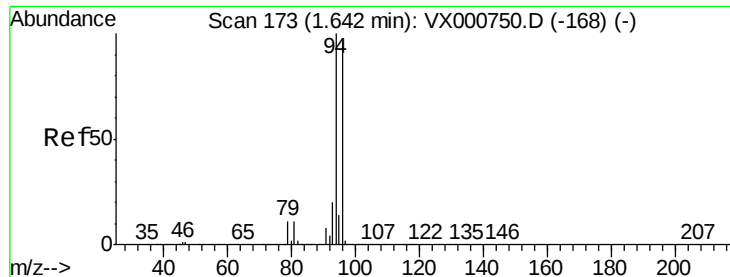
Tgt Ion: 62 Resp: 135472

Ion Ratio Lower Upper

62 100

64 32.6 24.6 36.8





#5

Bromomethane

Concen: 69.93 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

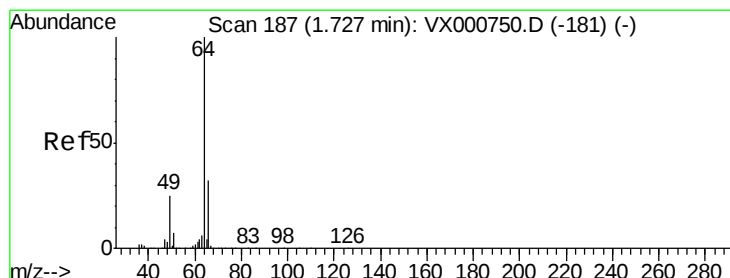
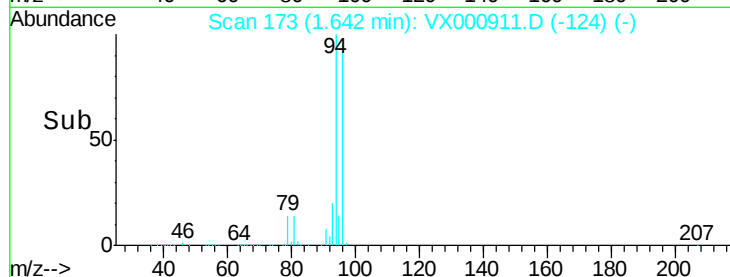
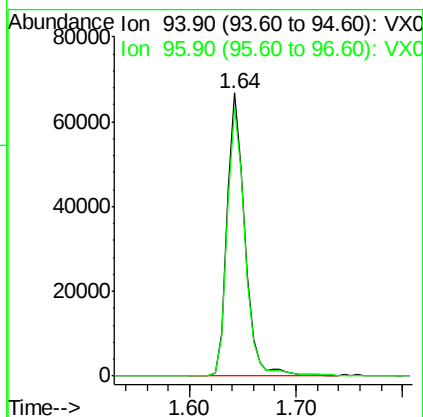
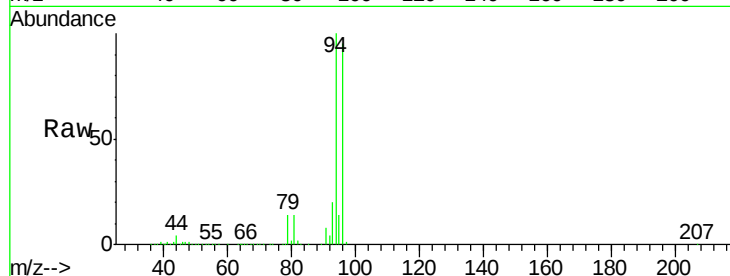
VSTDCCC050EC

Tgt Ion: 94 Resp: 78448

Ion Ratio Lower Upper

94 100

96 94.6 77.0 115.6



#6

Chloroethane

Concen: 49.69 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000911.D

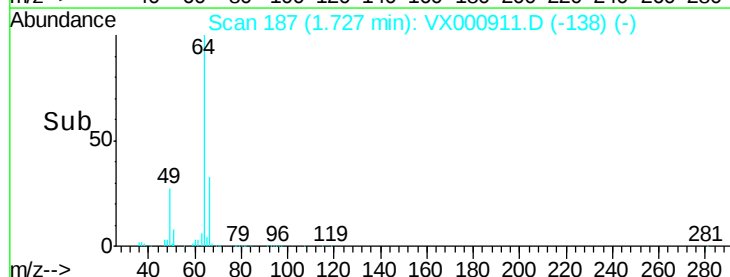
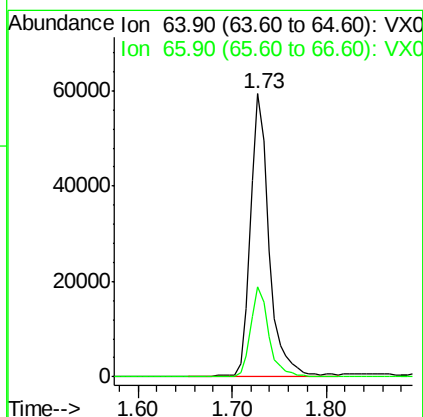
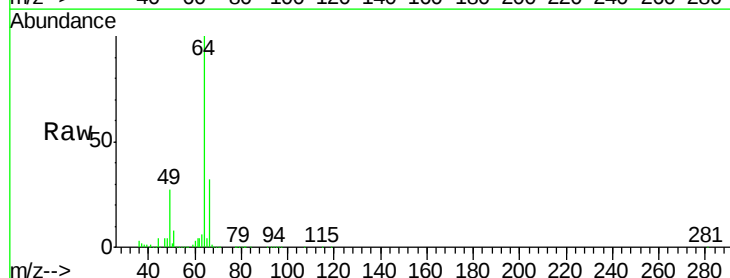
Acq: 15 Apr 2018 21:16

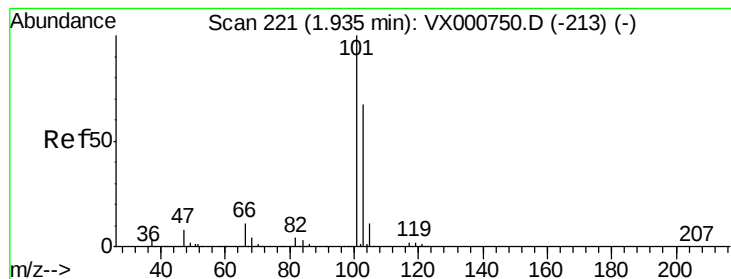
Tgt Ion: 64 Resp: 82266

Ion Ratio Lower Upper

64 100

66 31.9 25.3 37.9



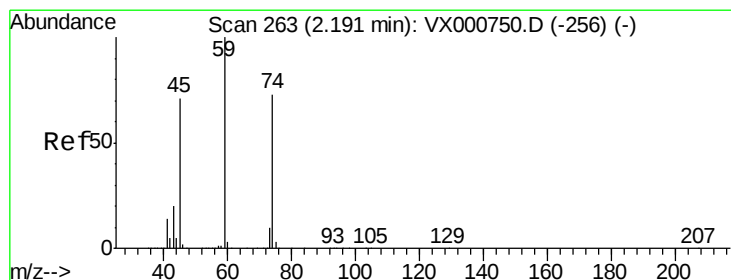
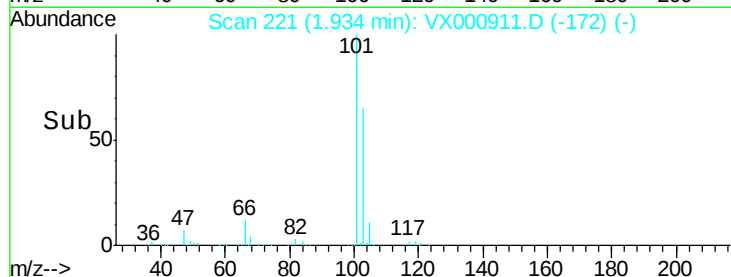
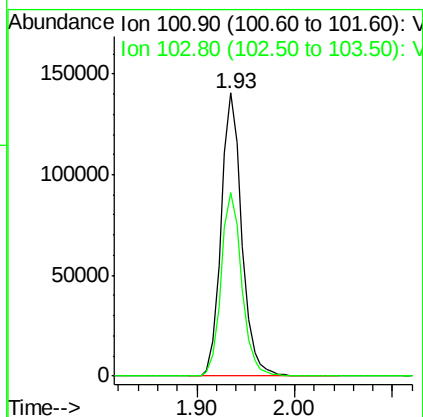
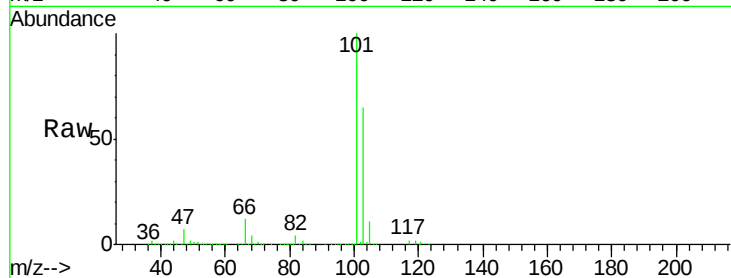


#7

Trichlorofluoromethane
 Concen: 49.81 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

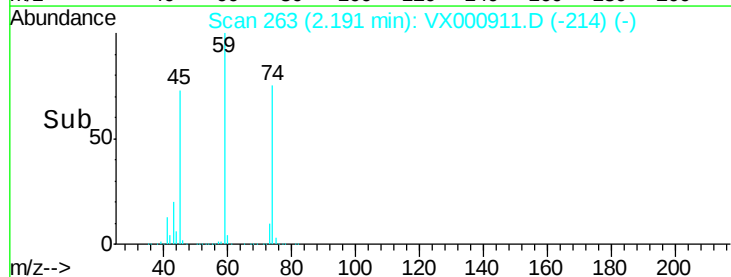
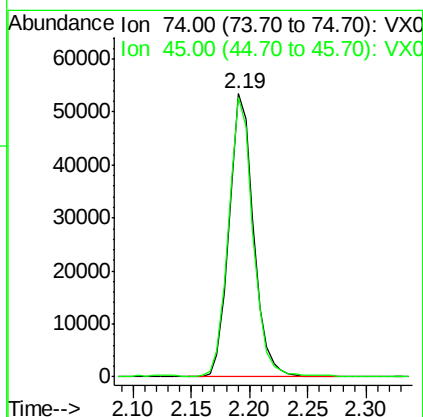
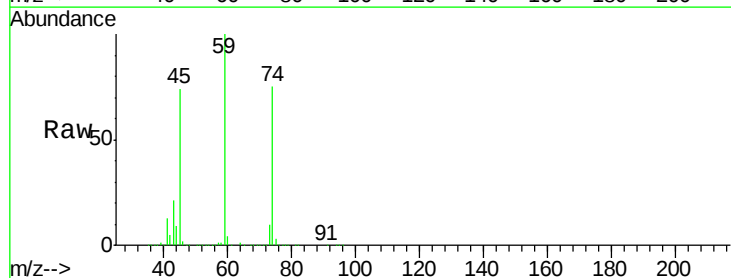
Tgt Ion: 101 Resp: 205292
 Ion Ratio Lower Upper
 101 100
 103 64.8 53.2 79.8

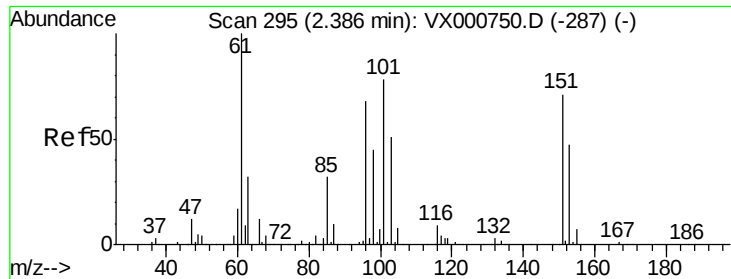


#8

Diethyl Ether
 Concen: 50.70 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion: 74 Resp: 78052
 Ion Ratio Lower Upper
 74 100
 45 98.0 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.26 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

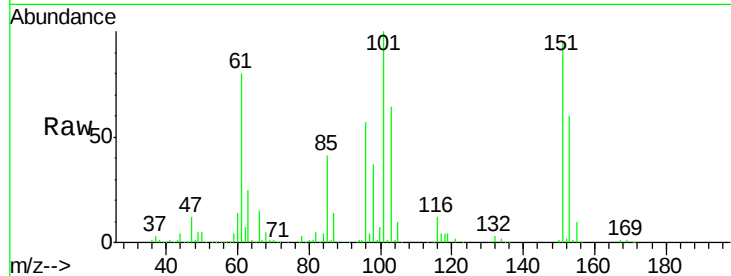
Tgt Ion:101 Resp: 122133

Ion Ratio Lower Upper

101 100

85 42.2 34.0 51.0

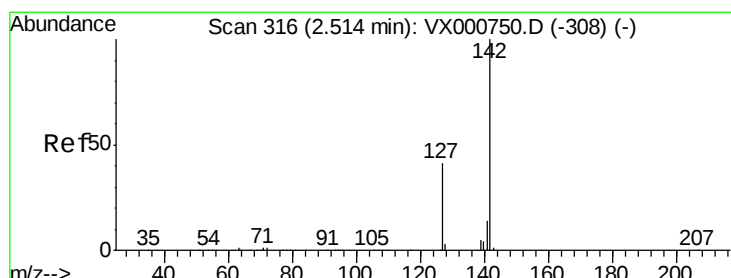
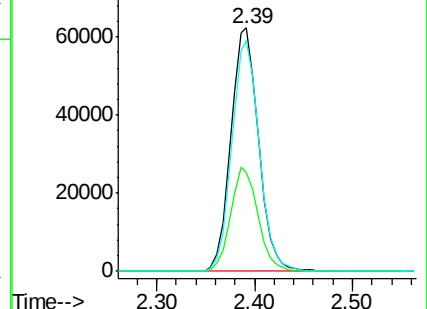
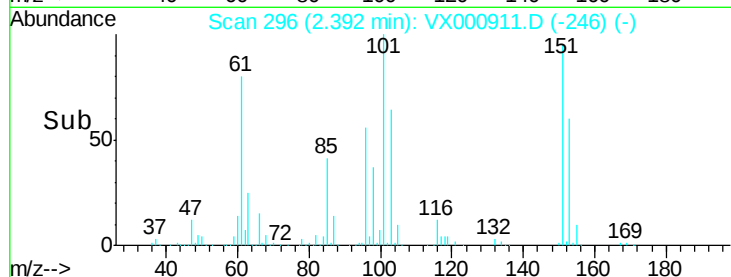
151 93.7 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.95 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

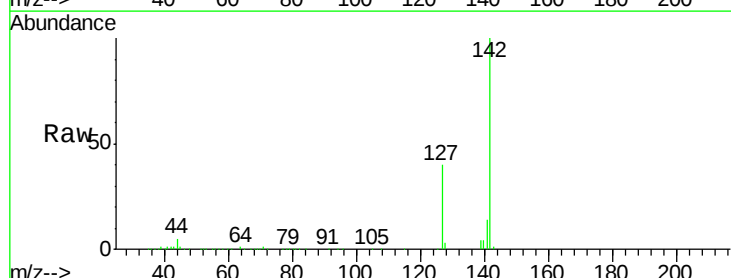
Tgt Ion:142 Resp: 85385

Ion Ratio Lower Upper

142 100

127 41.3 32.6 49.0

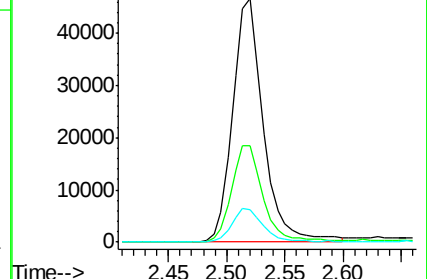
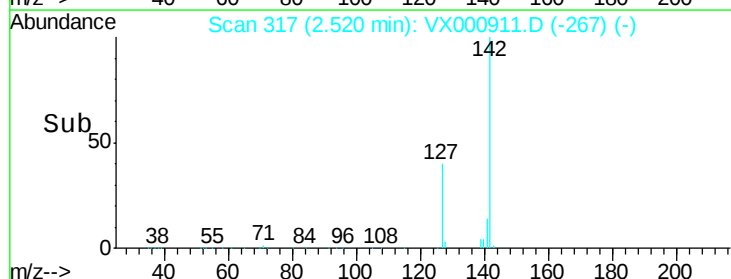
141 14.2 11.5 17.3

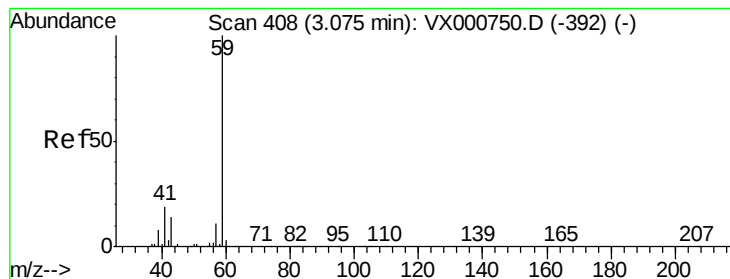


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 196.76 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

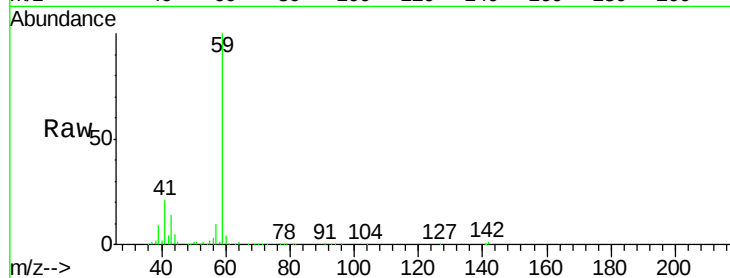
VSTDCCC050EC

Tgt Ion: 59 Resp: 110524

Ion Ratio Lower Upper

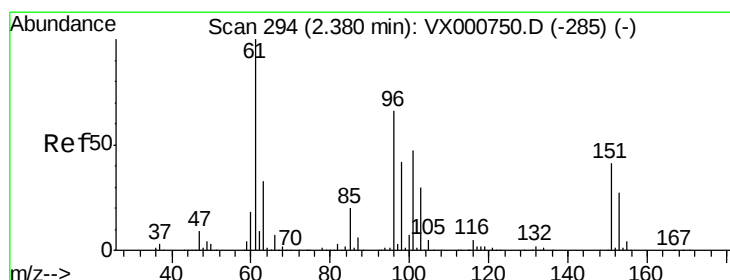
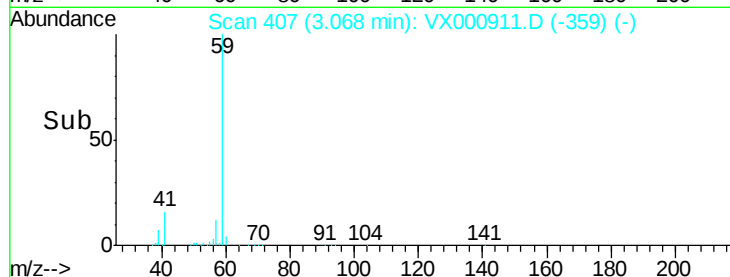
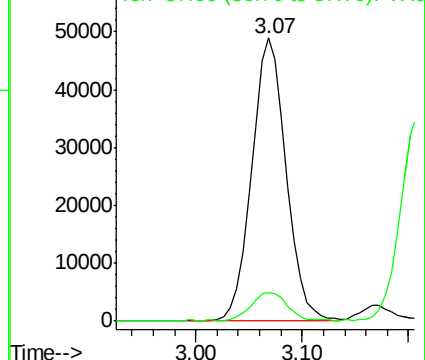
59 100

57 10.3 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 48.80 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

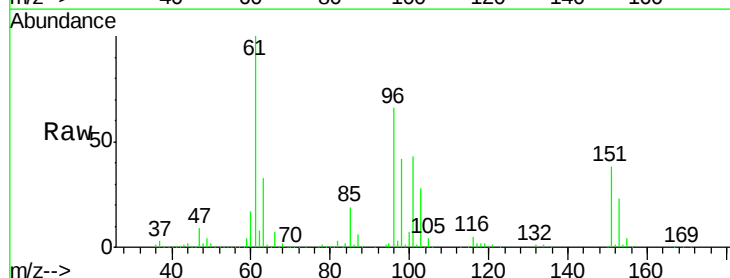
Tgt Ion: 96 Resp: 112390

Ion Ratio Lower Upper

96 100

61 152.3 120.5 180.7

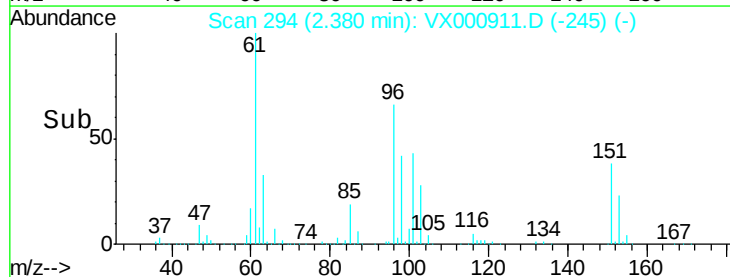
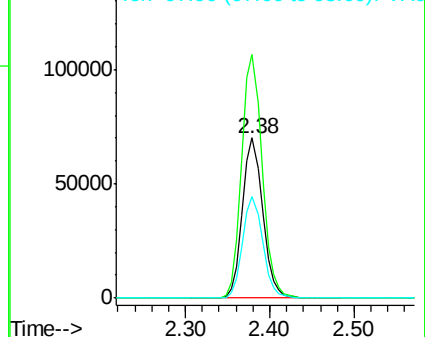
98 63.2 50.9 76.3

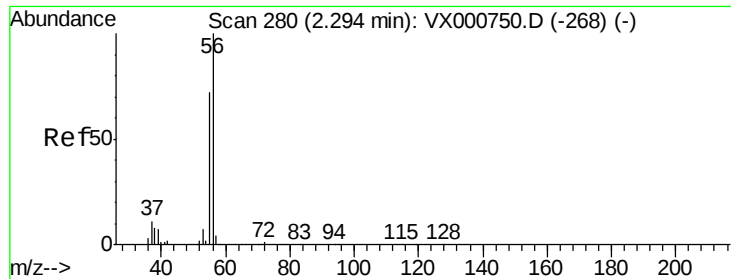


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 138.96 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

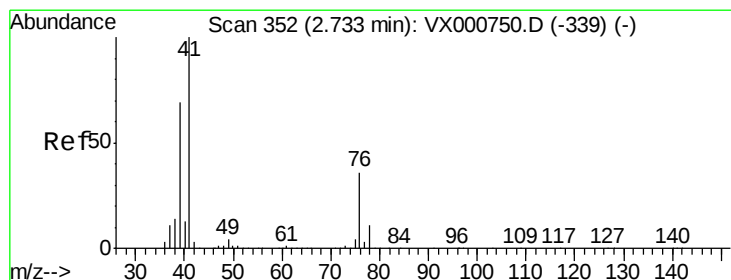
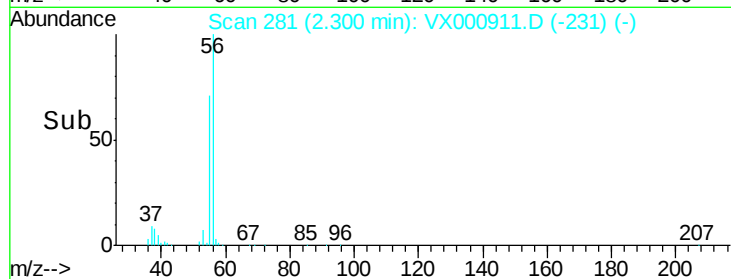
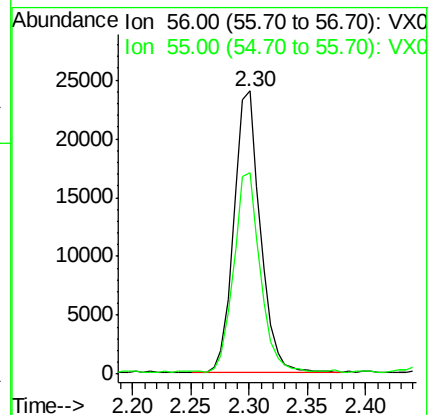
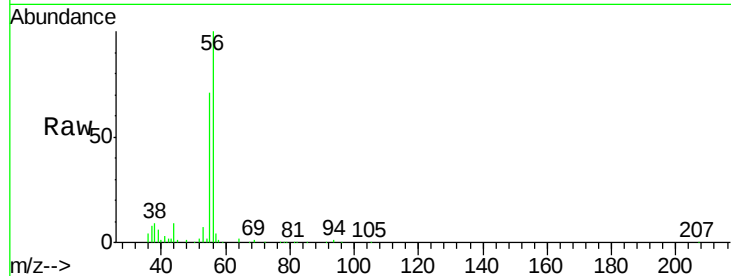
VSTDCCC050EC

Tgt Ion: 56 Resp: 37907

Ion Ratio Lower Upper

56 100

55 69.8 58.7 88.1



#14

Allyl chloride

Concen: 48.12 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

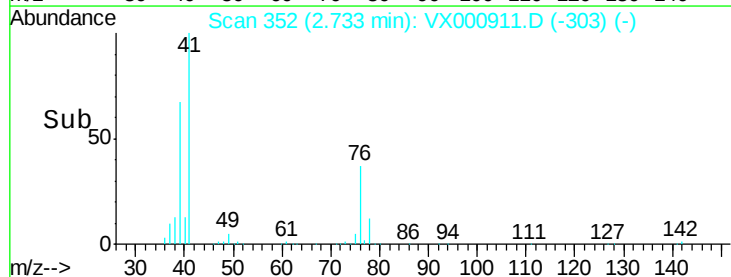
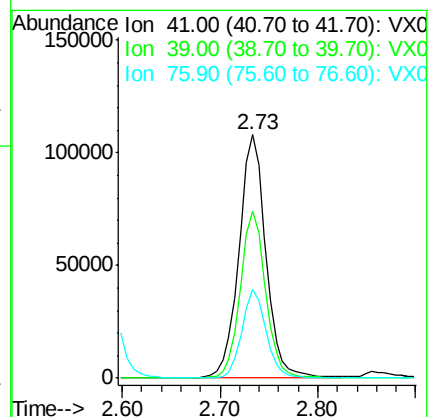
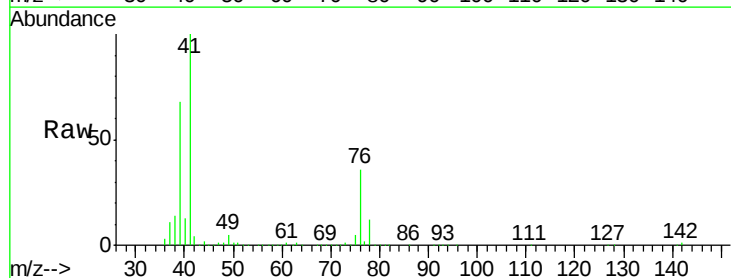
Tgt Ion: 41 Resp: 204897

Ion Ratio Lower Upper

41 100

39 64.7 51.5 77.3

76 33.1 26.5 39.7

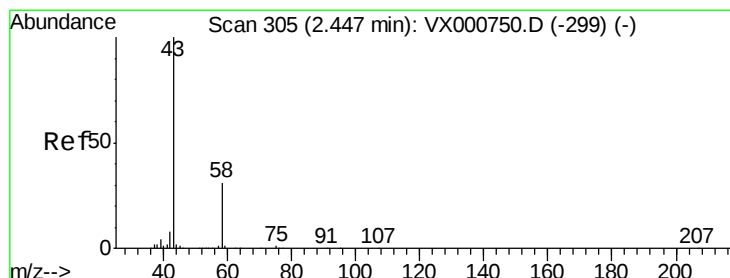
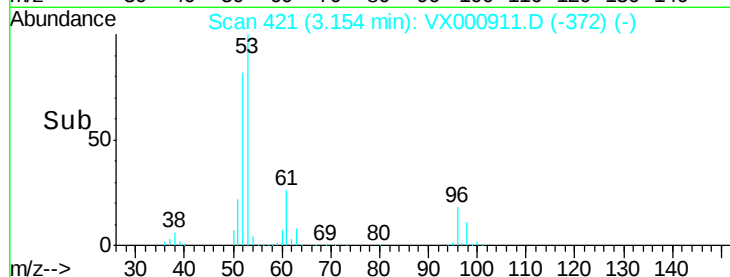
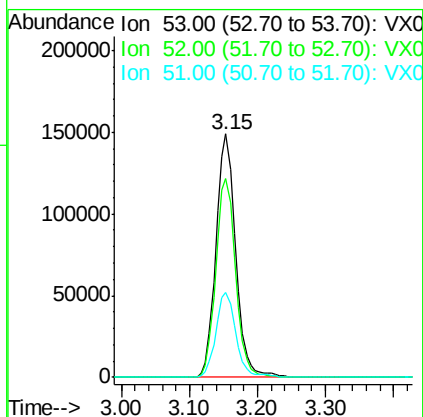
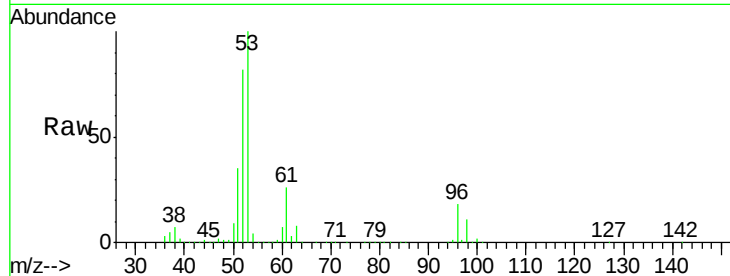




#15
Acrylonitrile
Concen: 249.50 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

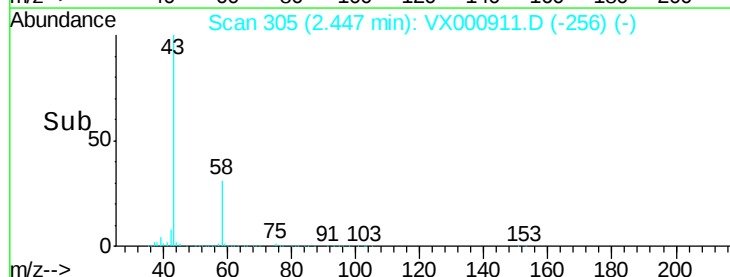
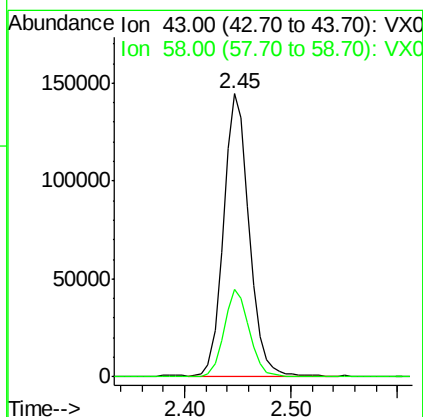
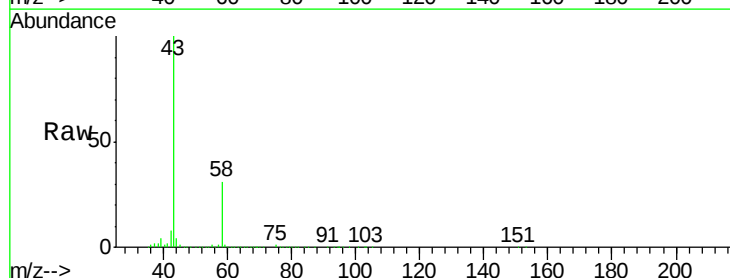
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

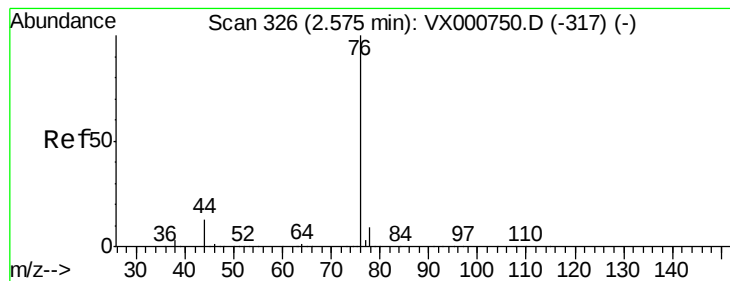
Tgt Ion: 53 Resp: 298802
Ion Ratio Lower Upper
53 100
52 82.3 66.5 99.7
51 35.8 28.8 43.2



#16
Acetone
Concen: 220.16 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion: 43 Resp: 240203
Ion Ratio Lower Upper
43 100
58 30.8 24.6 37.0





#17

Carbon Disulfide

Concen: 41.40 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

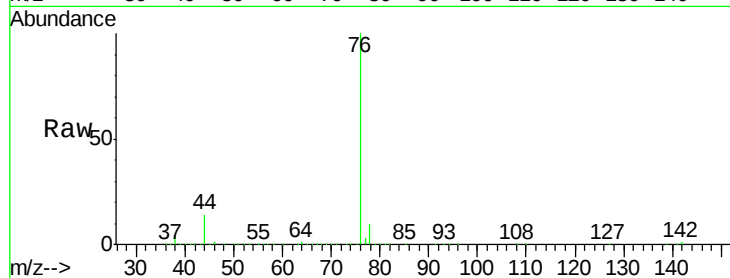
VSTDCCC050EC

Tgt Ion: 76 Resp: 288716

Ion Ratio Lower Upper

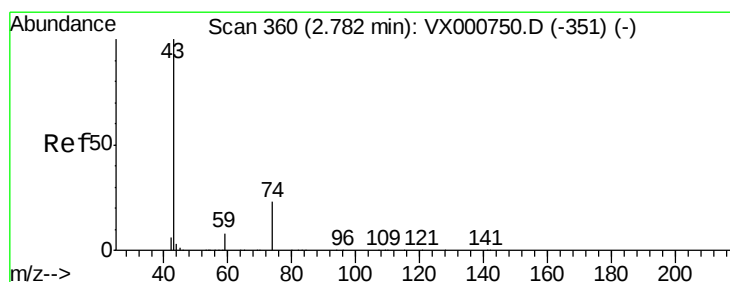
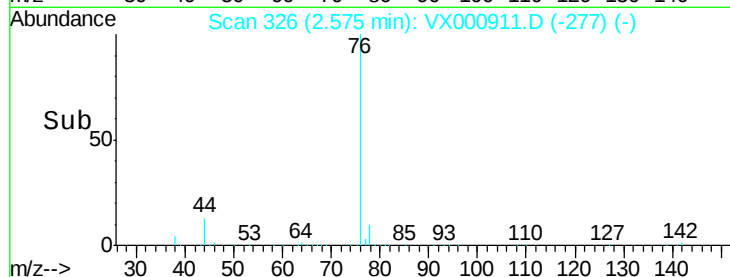
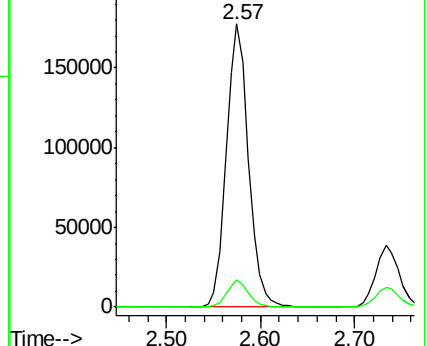
76 100

78 9.5 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: 54.08 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000911.D

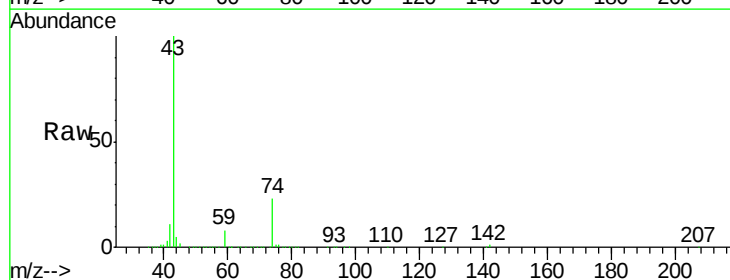
Acq: 15 Apr 2018 21:16

Tgt Ion: 43 Resp: 152686

Ion Ratio Lower Upper

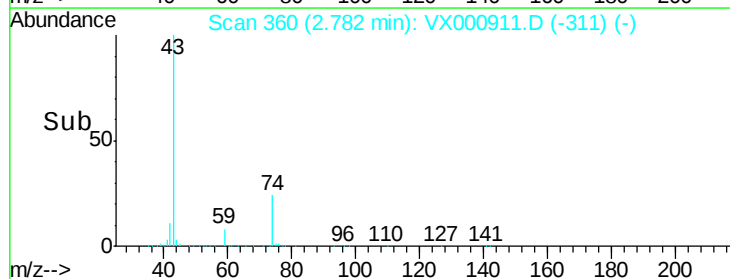
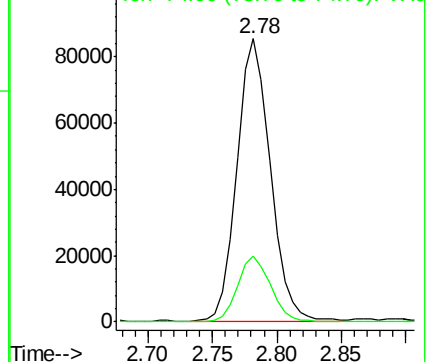
43 100

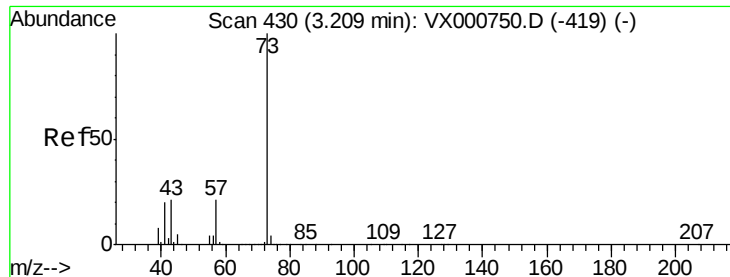
74 23.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

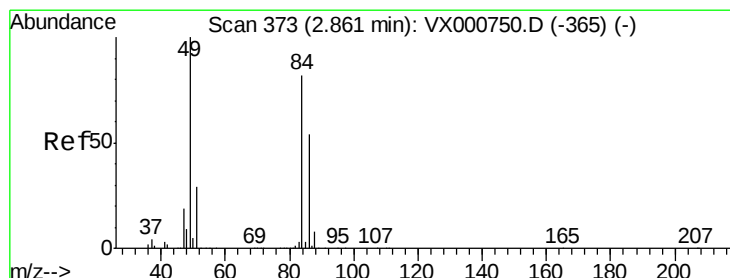
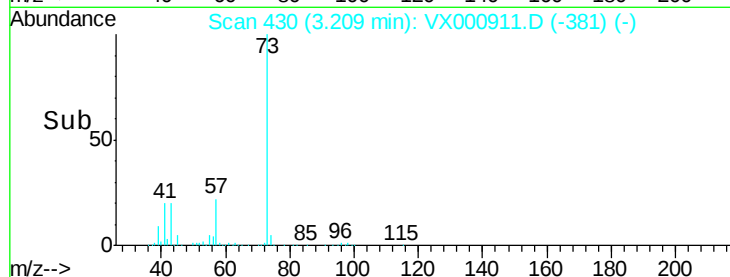
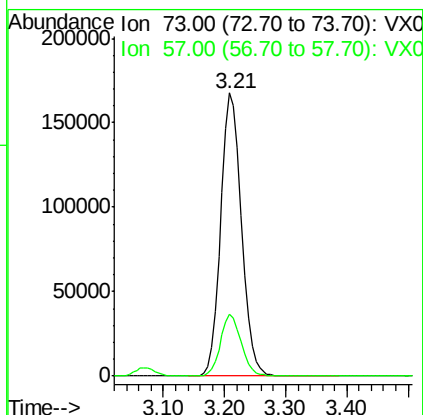
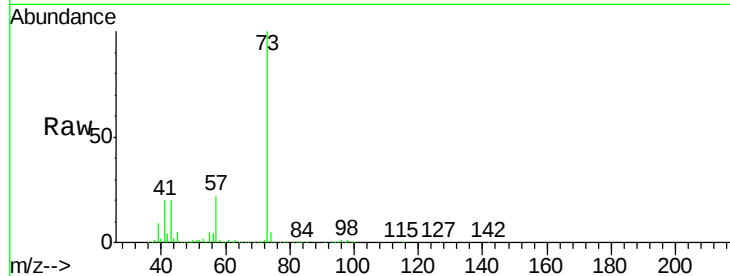




#19
Methyl tert-butyl Ether
Concen: 51.67 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

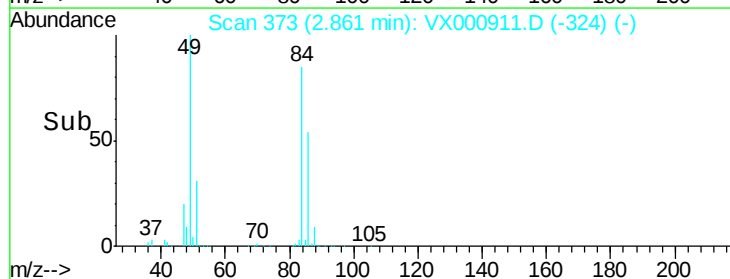
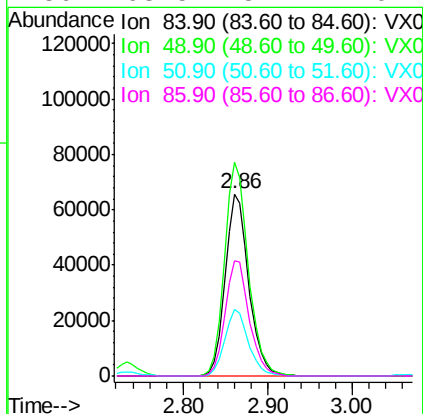
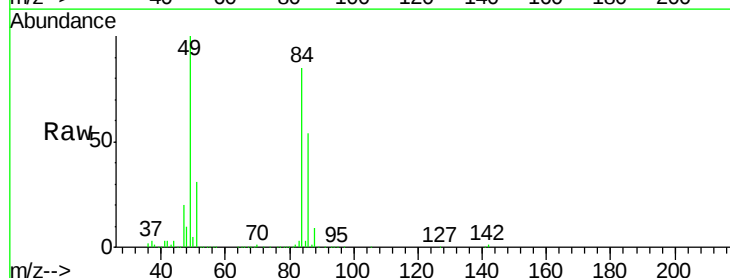
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

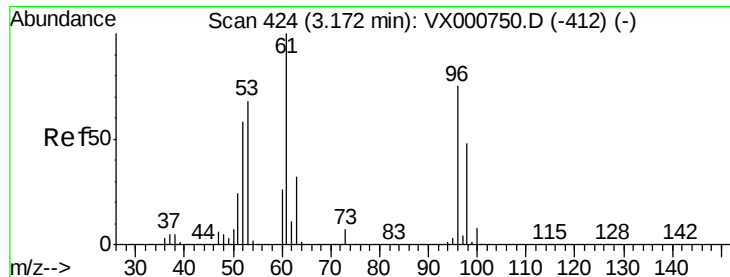
Tgt Ion: 73 Resp: 396344
Ion Ratio Lower Upper
73 100
57 21.6 16.9 25.3



#20
Methylene Chloride
Concen: 49.38 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion: 84 Resp: 125300
Ion Ratio Lower Upper
84 100
49 117.5 98.1 147.1
51 36.8 28.9 43.3
86 63.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.66 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

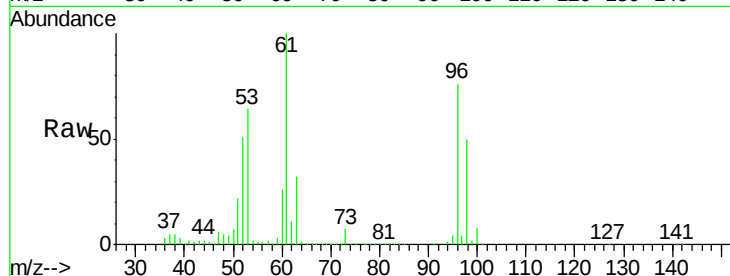
Tgt Ion: 96 Resp: 123568

Ion Ratio Lower Upper

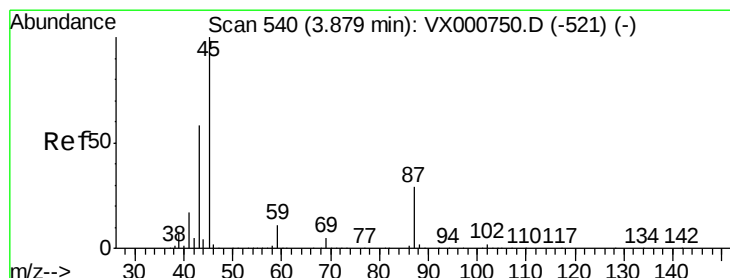
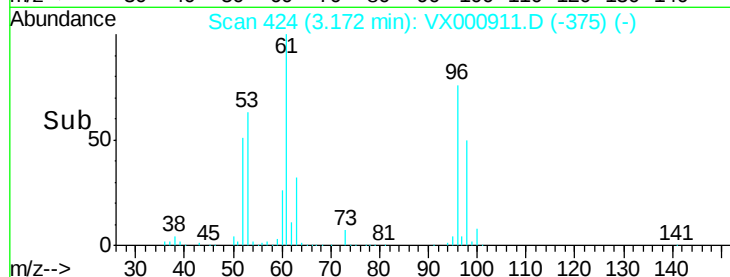
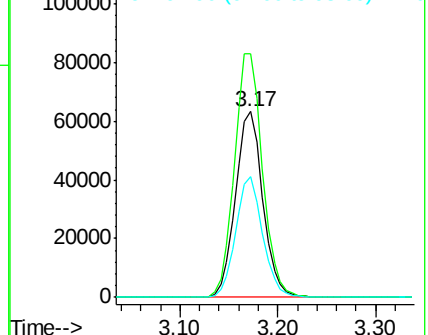
96 100

61 131.1 106.2 159.2

98 65.0 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: 54.40 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion: 45 Resp: 425748

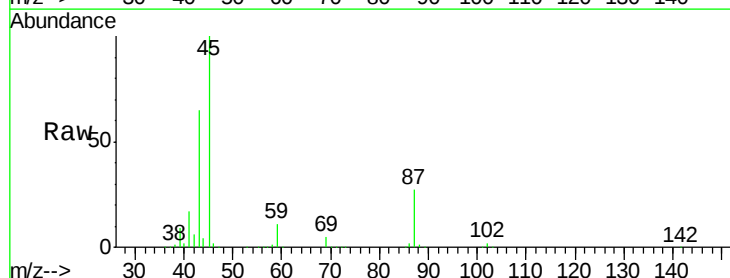
Ion Ratio Lower Upper

45 100

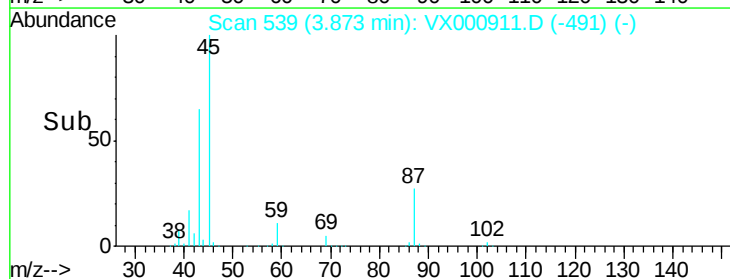
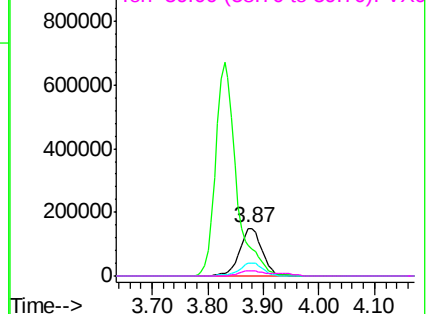
43 64.6 46.6 69.8

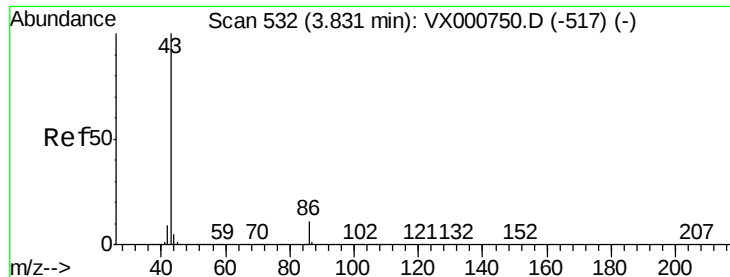
87 27.3 22.9 34.3

59 11.5 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: 254.71 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

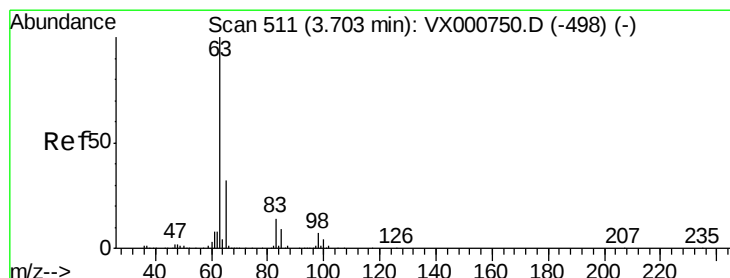
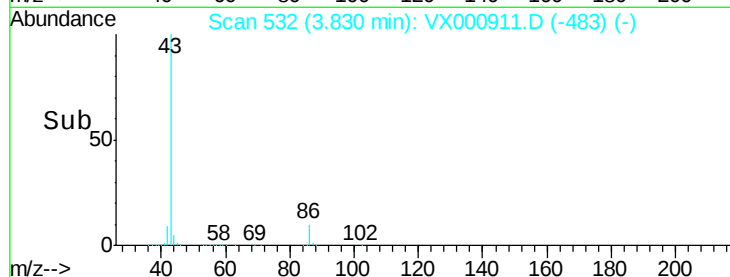
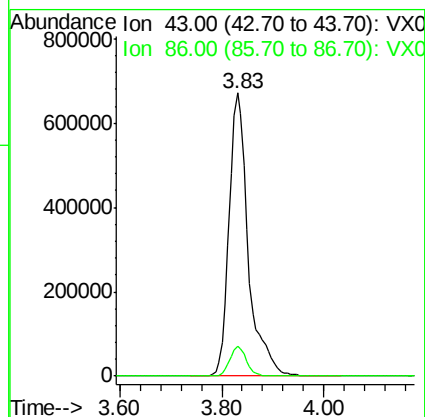
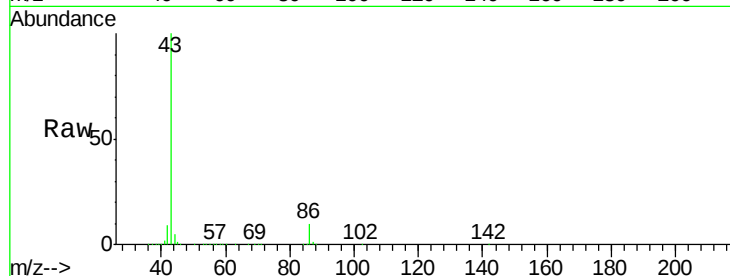
VSTDCCC050EC

Tgt Ion: 43 Resp: 1750111

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 52.24 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

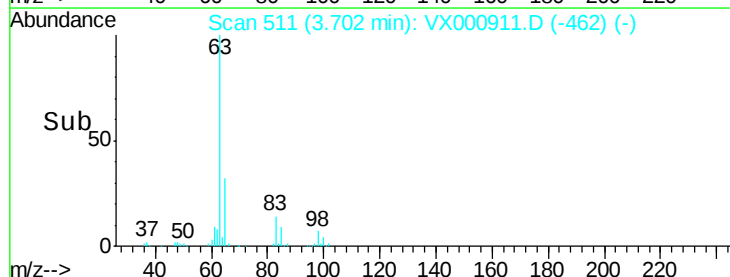
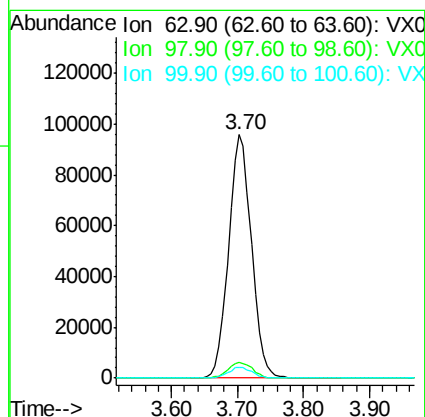
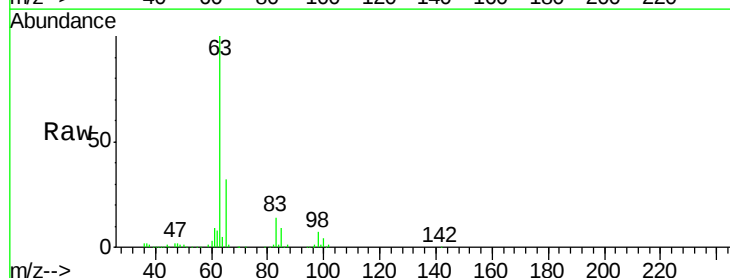
Tgt Ion: 63 Resp: 229400

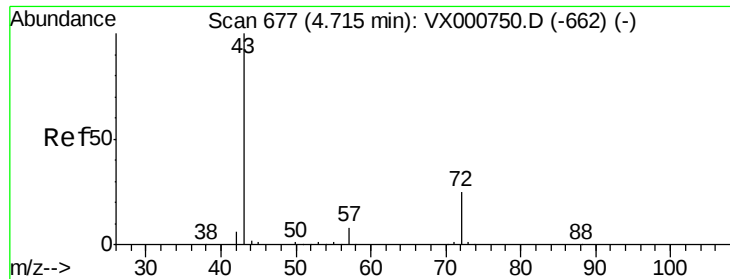
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 232.74 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

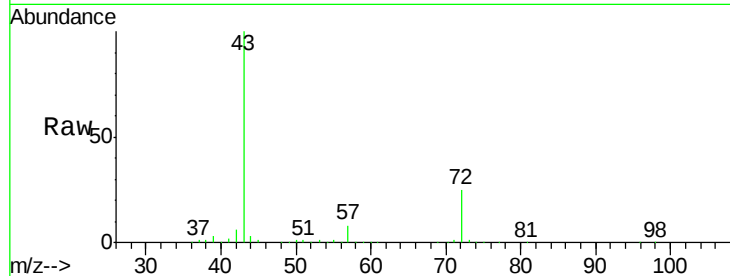
VSTDCCC050EC

Tgt Ion: 43 Resp: 419325

Ion Ratio Lower Upper

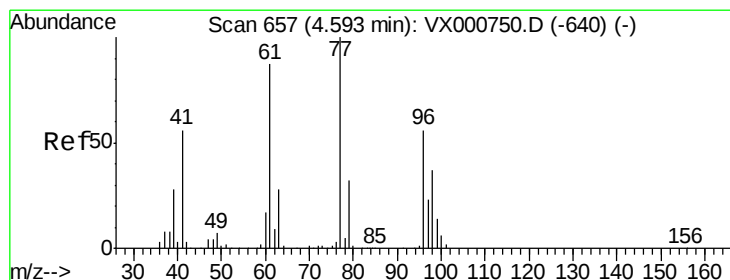
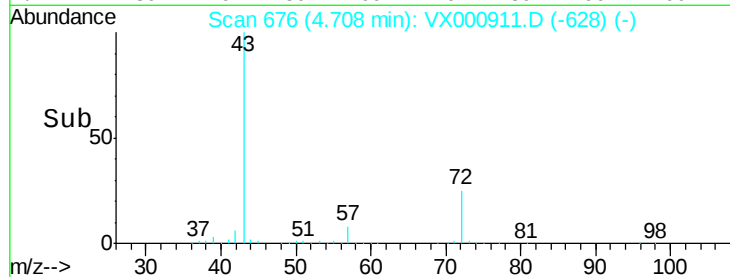
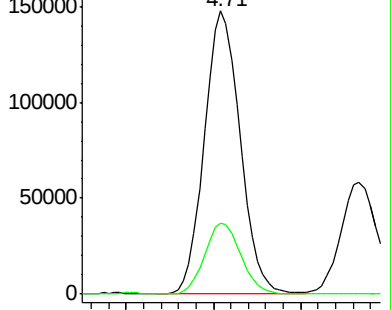
43 100

72 24.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX000911.D (-628) (-)

Ion 72.00 (71.70 to 72.70): VX000911.D (-628) (-)



#26

2,2-Dichloropropane

Concen: 42.82 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000911.D

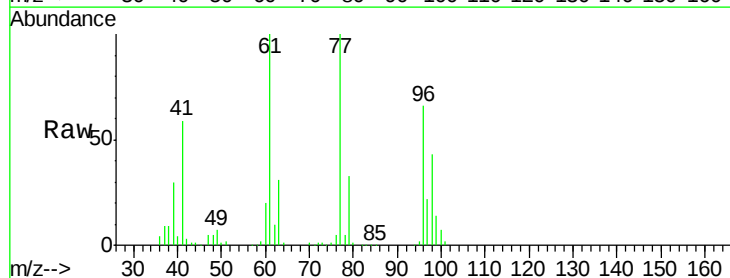
Acq: 15 Apr 2018 21:16

Tgt Ion: 77 Resp: 186627

Ion Ratio Lower Upper

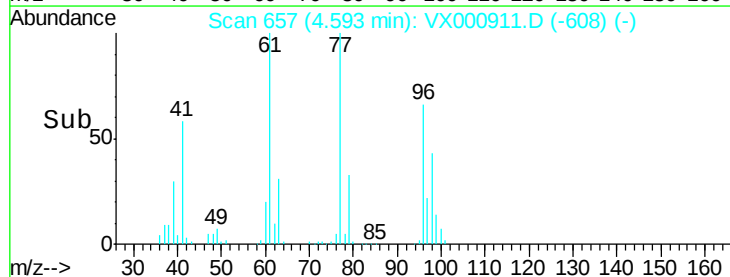
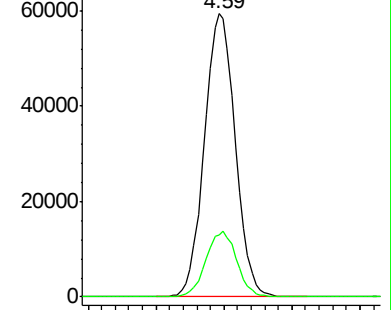
77 100

97 23.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX000911.D (-608) (-)

Ion 96.90 (96.60 to 97.60): VX000911.D (-608) (-)





#27

cis-1,2-Dichloroethene

Concen: 51.38 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

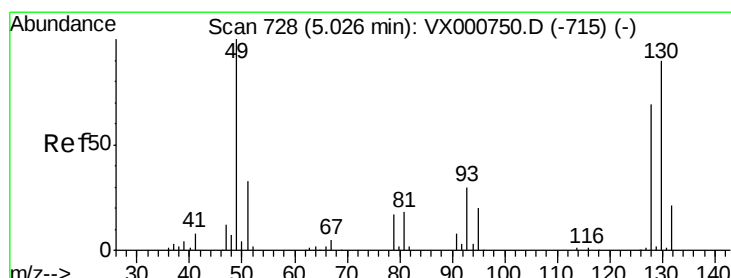
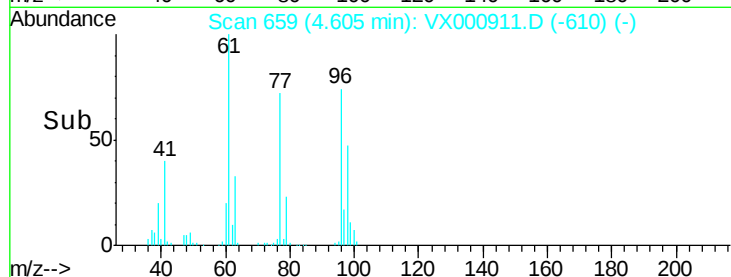
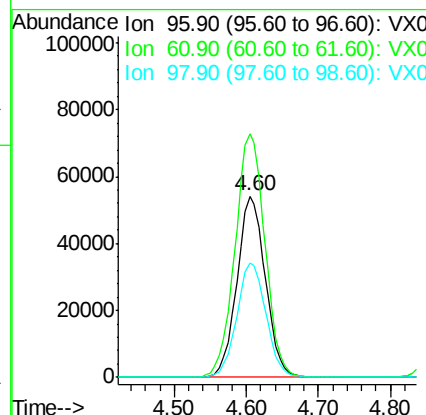
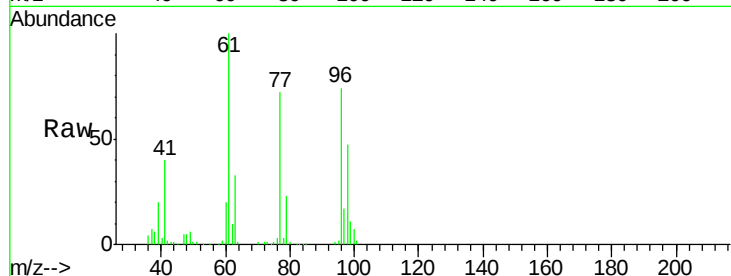
Tgt Ion: 96 Resp: 148065

Ion Ratio Lower Upper

96 100

61 141.8 0.0 292.4

98 64.9 0.0 130.2



#28

Bromochloromethane

Concen: 49.73 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

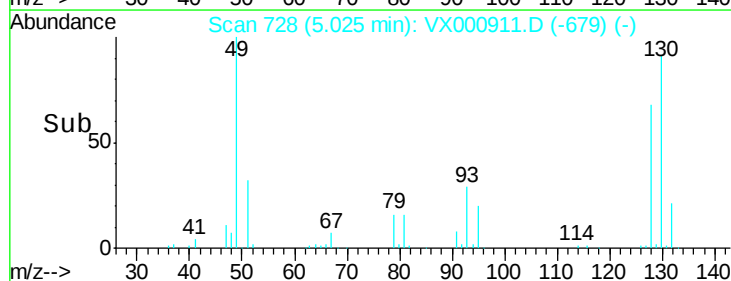
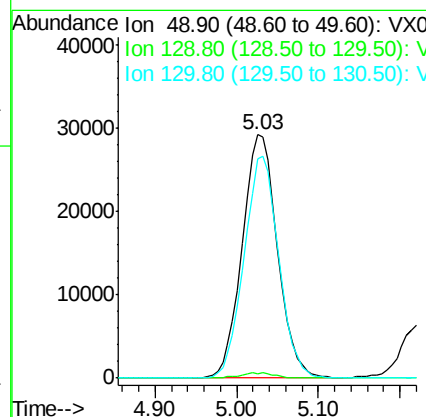
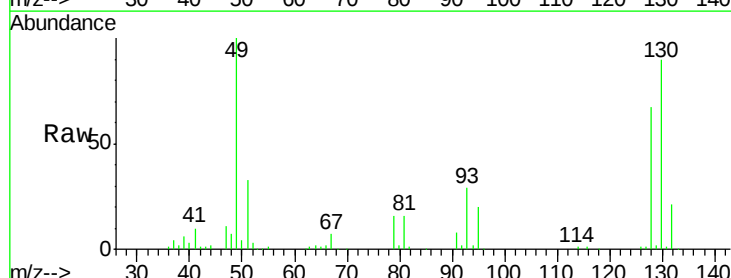
Tgt Ion: 49 Resp: 87946

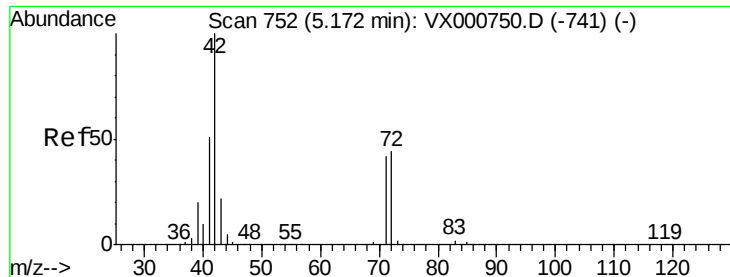
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 89.8 72.6 109.0





#29

Tetrahydrofuran

Concen: 235.78 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

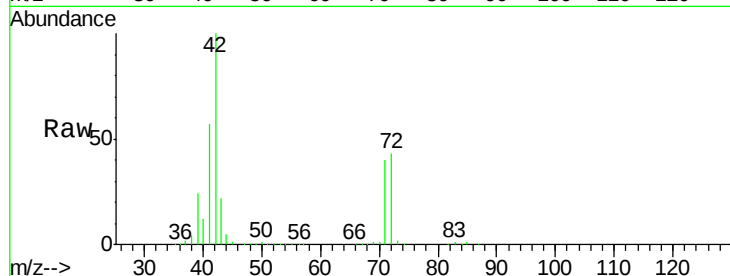
Tgt Ion: 42 Resp: 269735

Ion Ratio Lower Upper

42 100

72 44.4 35.1 52.7

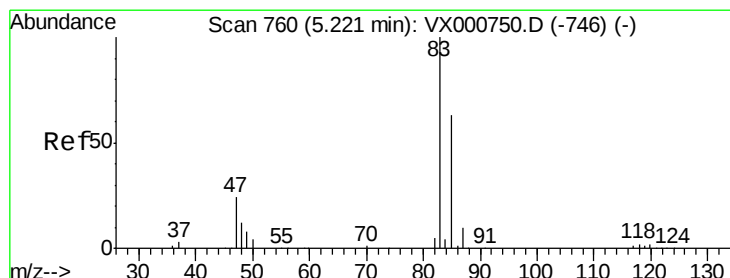
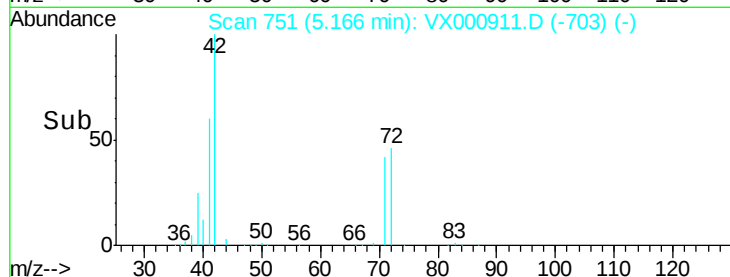
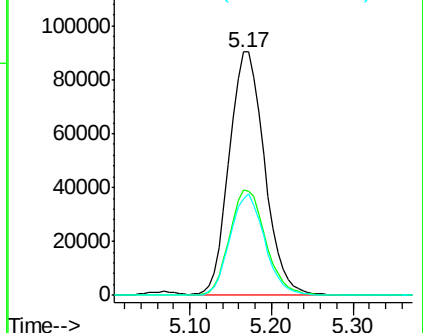
71 41.2 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.73 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000911.D

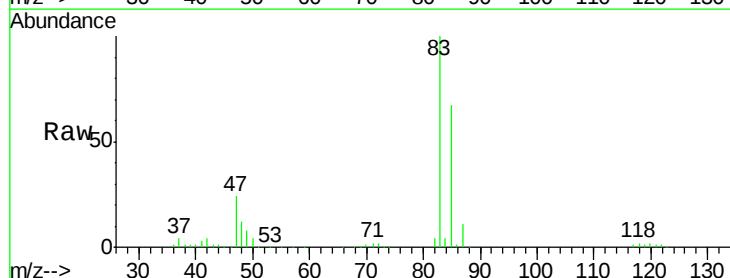
Acq: 15 Apr 2018 21:16

Tgt Ion: 83 Resp: 240520

Ion Ratio Lower Upper

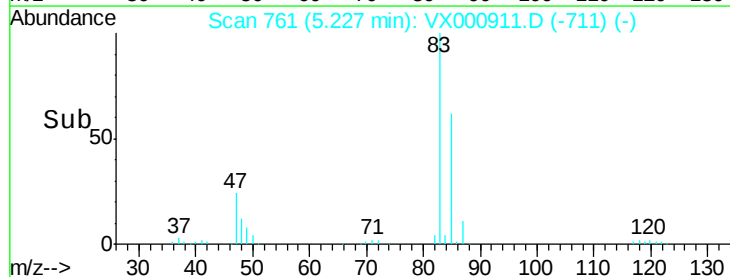
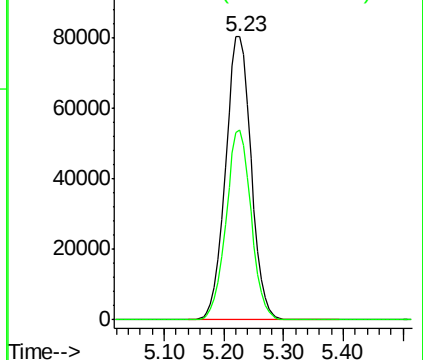
83 100

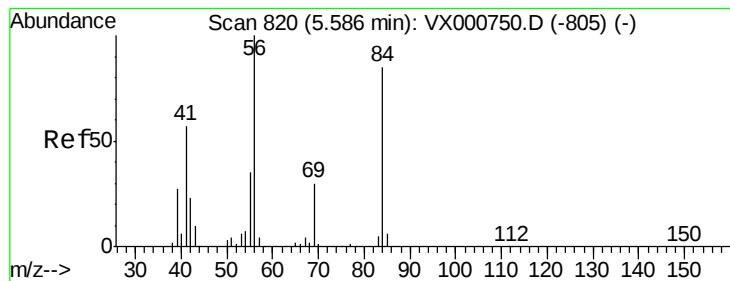
85 66.9 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.11 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

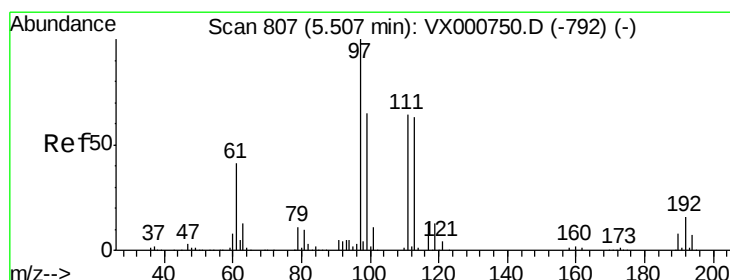
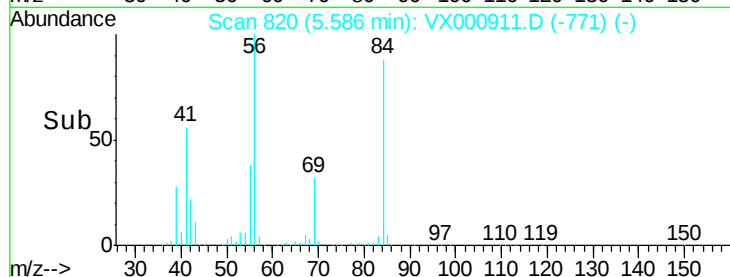
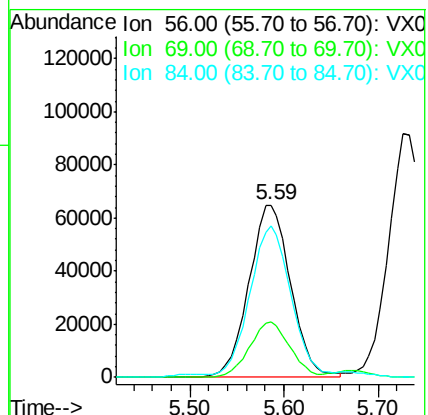
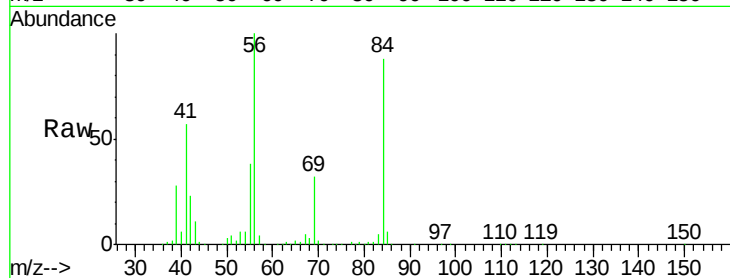
Tgt Ion: 56 Resp: 200633

Ion Ratio Lower Upper

56 100

69 32.1 24.2 36.4

84 86.1 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 49.60 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

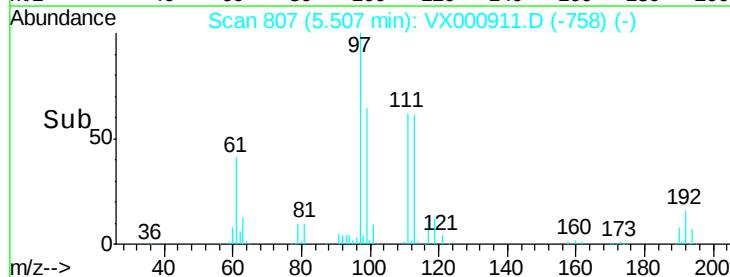
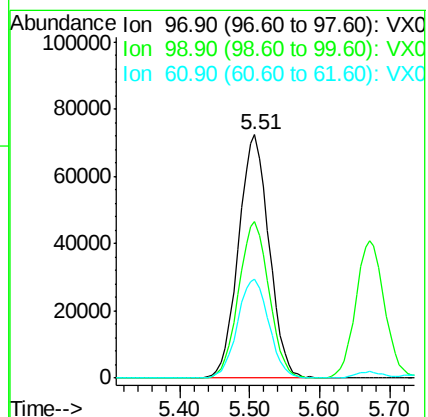
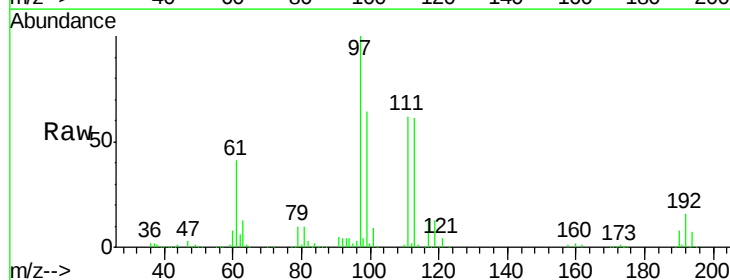
Tgt Ion: 97 Resp: 219716

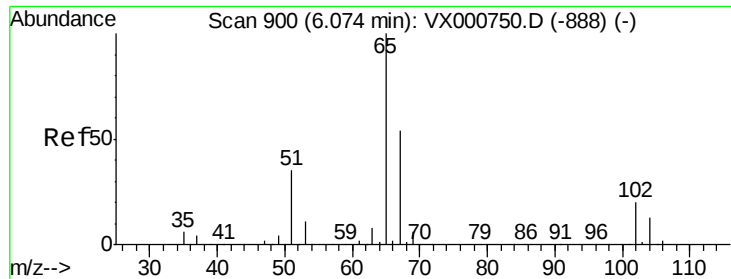
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 41.8 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 47.25 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

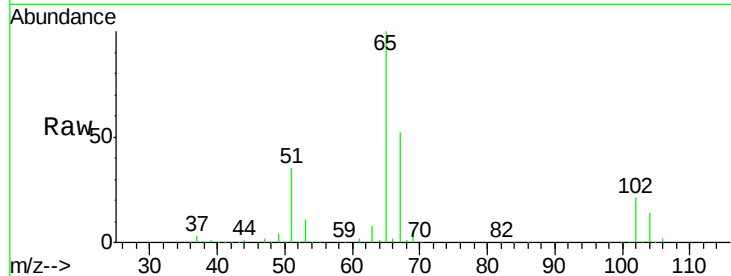
VSTDCCC050EC

Tgt Ion: 65 Resp: 149496

Ion Ratio Lower Upper

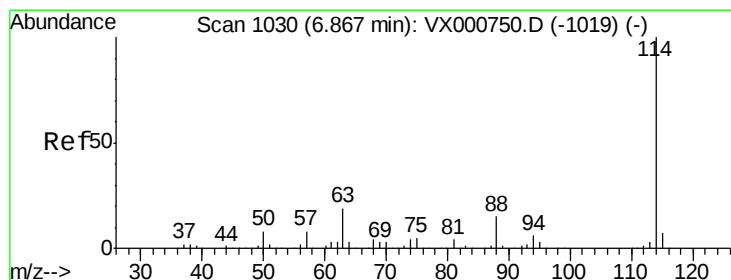
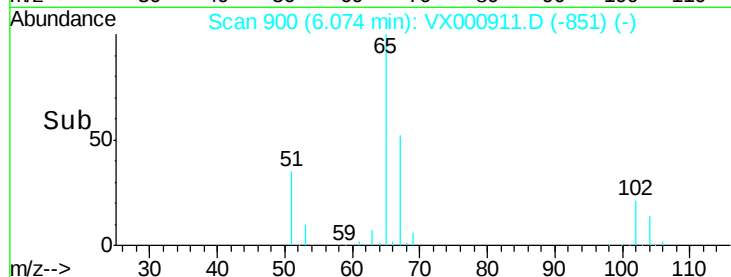
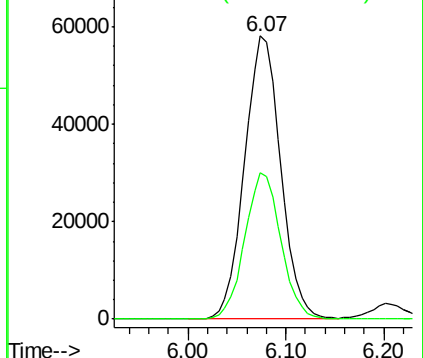
65 100

67 51.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

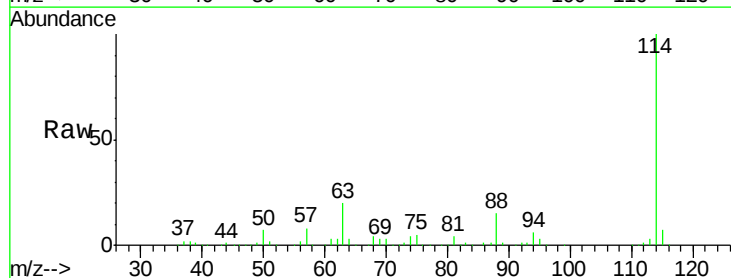
Tgt Ion: 114 Resp: 340834

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

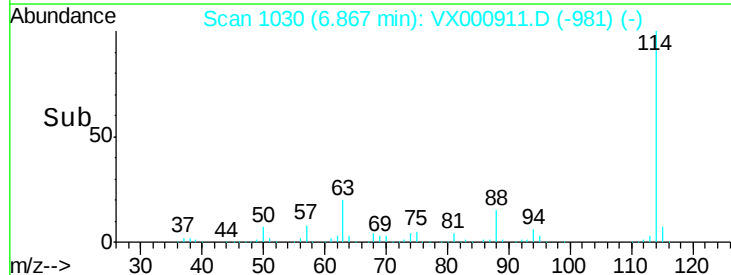
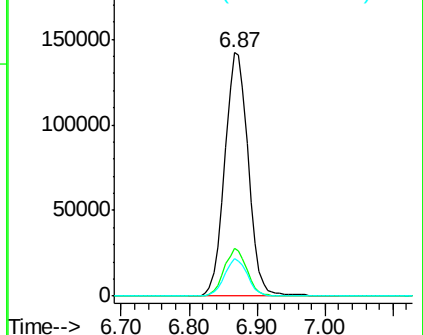
88 15.3 0.0 31.0

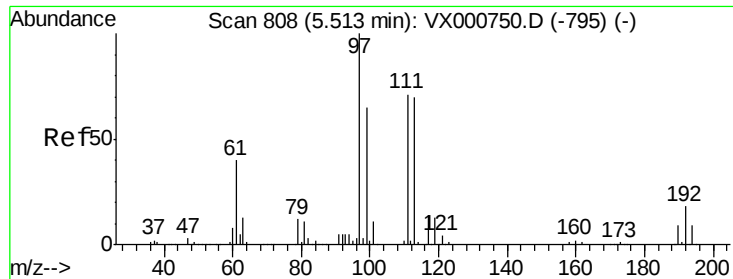


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

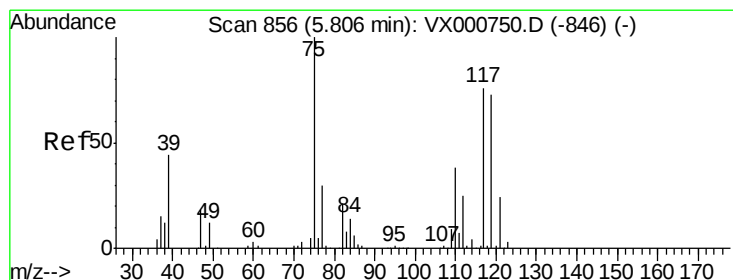
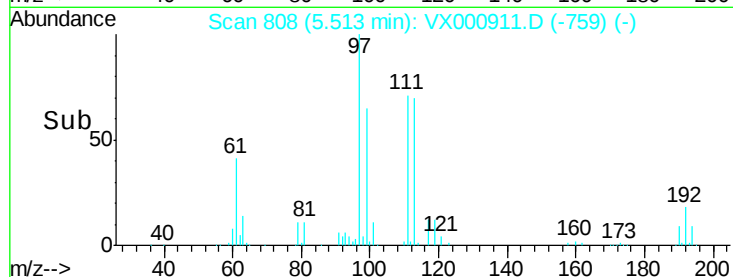
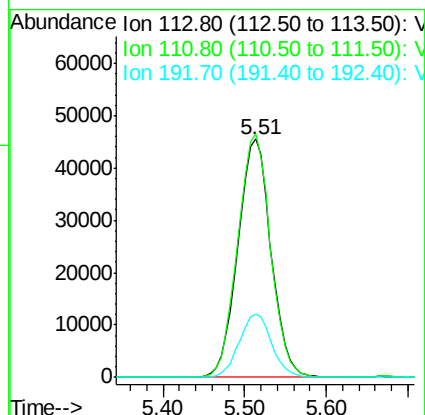
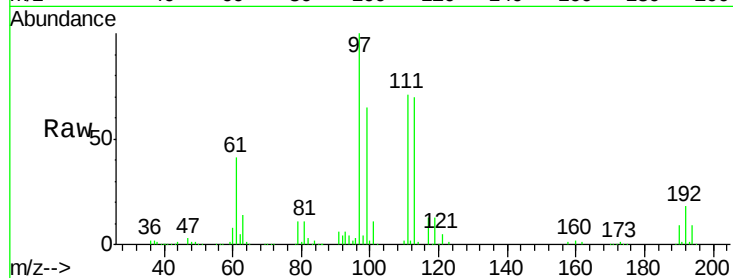




#35
 Dibromofluoromethane
 Concen: 48.70 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

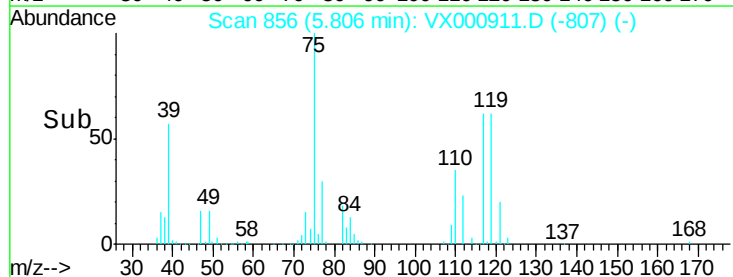
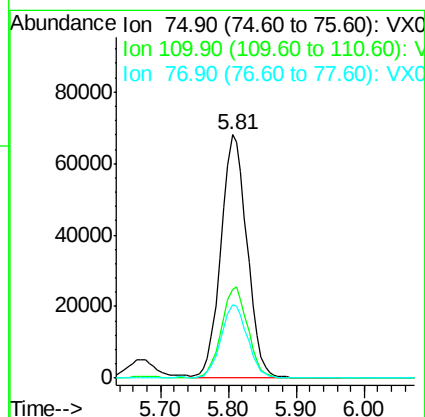
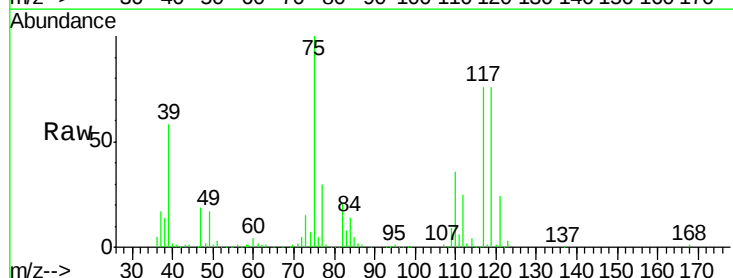
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

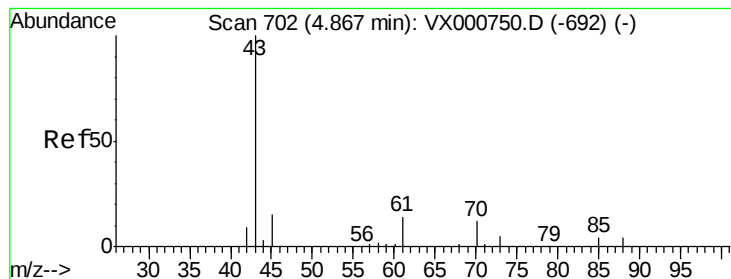
Tgt Ion:113 Resp: 127886
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.5 122.3
 192 26.1 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 48.48 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion: 75 Resp: 181988
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.2 57.6
 77 30.1 25.4 38.2





#37

Ethyl Acetate

Concen: 46.72 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

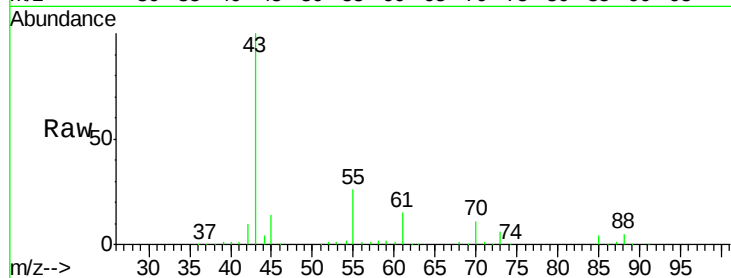
Tgt Ion: 43 Resp: 171218

Ion Ratio Lower Upper

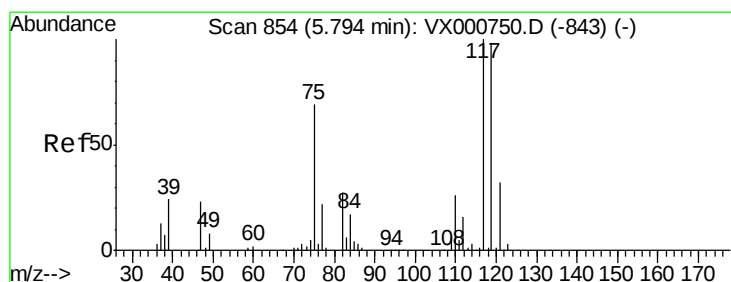
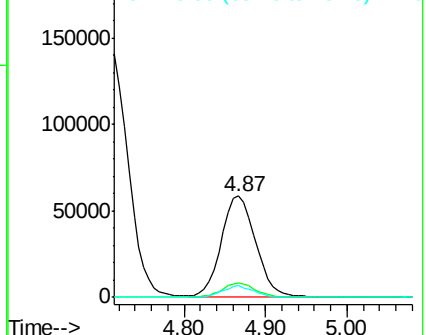
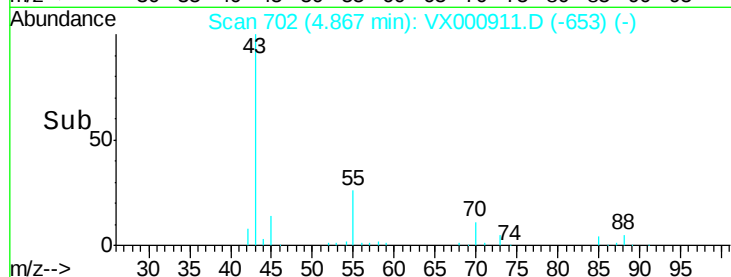
43 100

61 13.8 11.0 16.4

70 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX000911.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 46.00 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

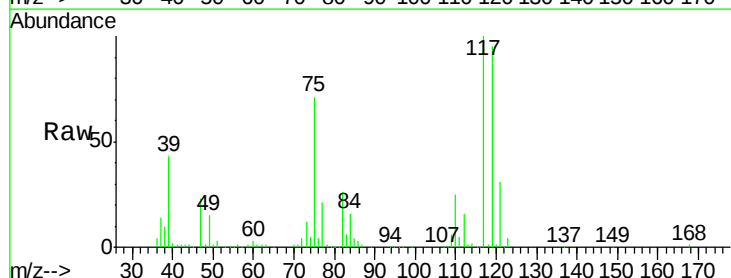
Tgt Ion: 117 Resp: 193277

Ion Ratio Lower Upper

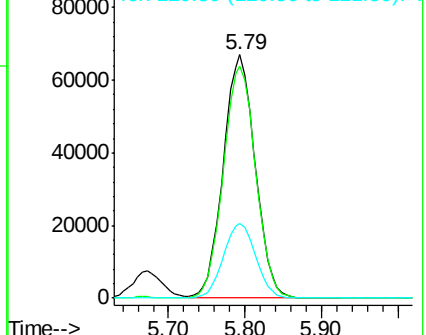
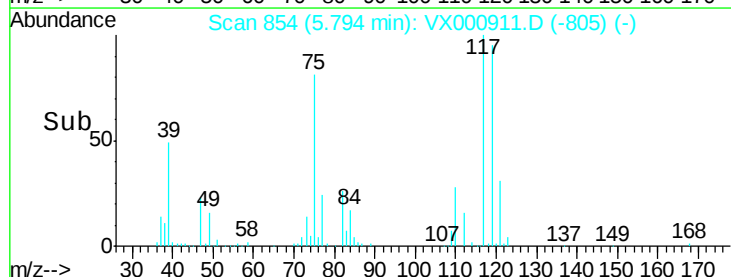
117 100

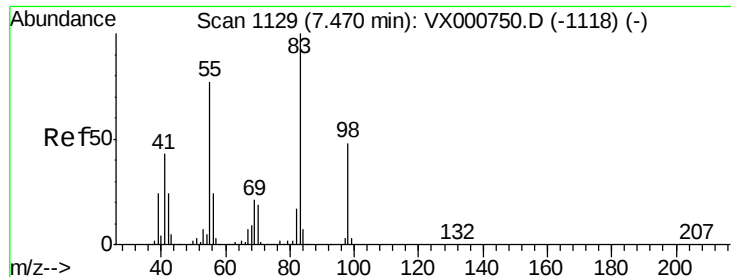
119 95.0 78.4 117.6

121 30.6 25.4 38.0



Abundance Ion 116.80 (116.50 to 117.50): VX000911.D (-805) (-)

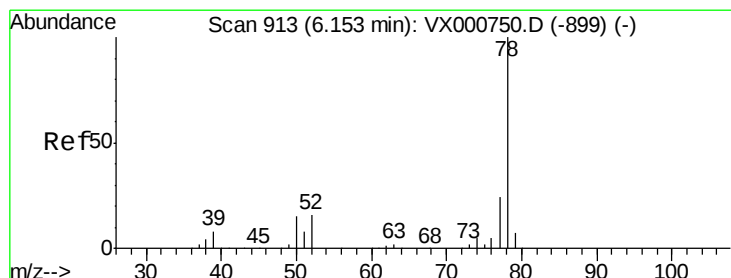
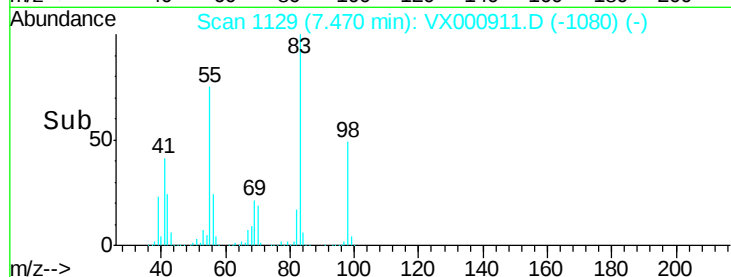
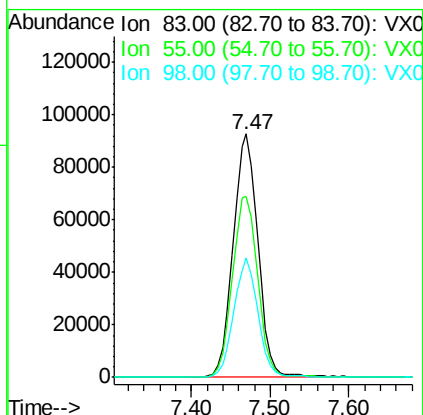
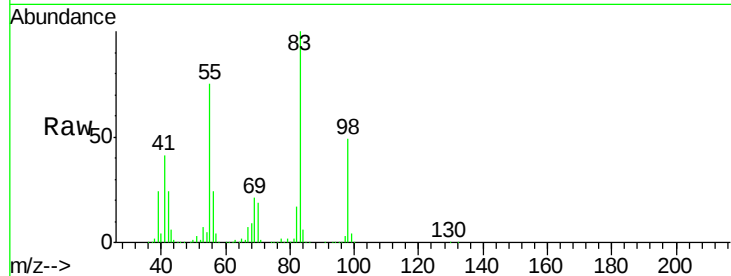




#39
Methylcyclohexane
Concen: 45.05 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

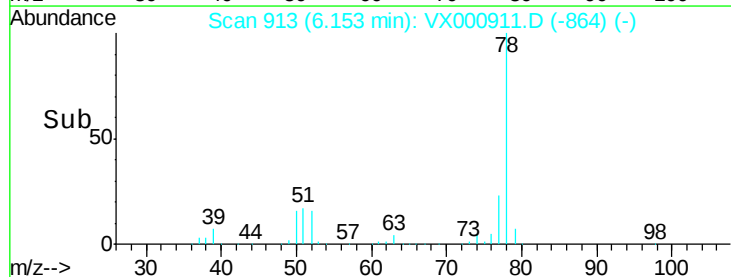
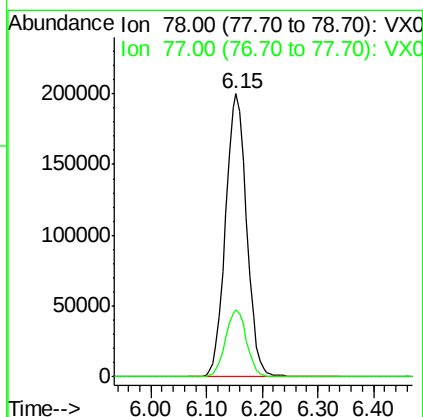
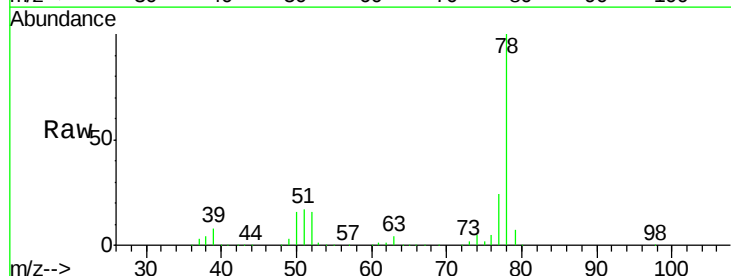
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

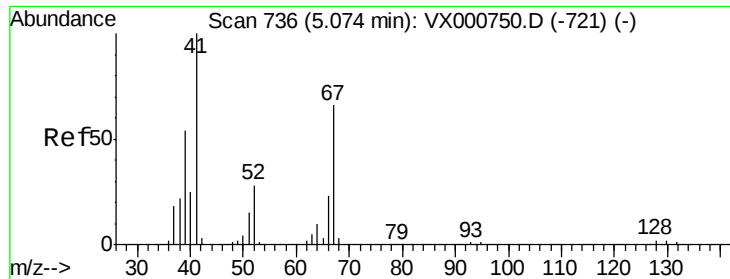
Tgt Ion: 83 Resp: 203075
Ion Ratio Lower Upper
83 100
55 74.5 61.5 92.3
98 49.1 38.1 57.1



#40
Benzene
Concen: 50.32 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion: 78 Resp: 524785
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

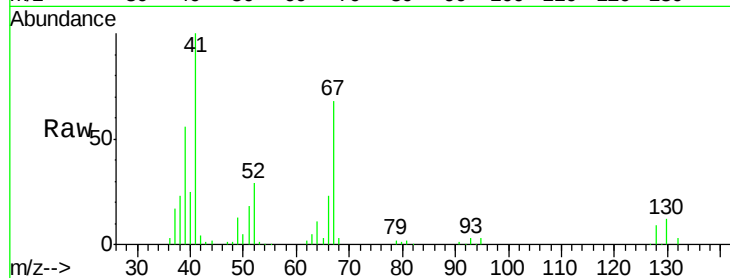




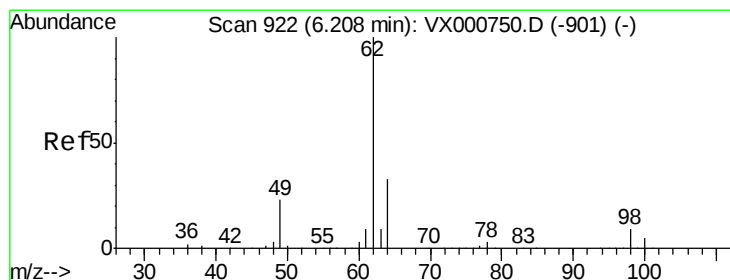
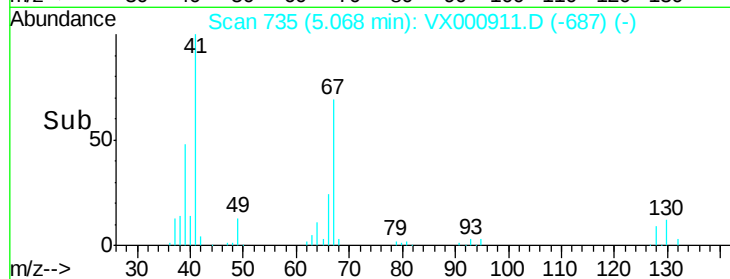
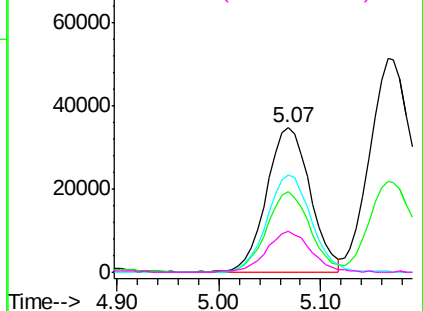
#41
Methacrylonitrile
Concen: 48.45 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	102575
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.9	67.3
67	68.9	54.7	82.1
52	28.8	23.0	34.6

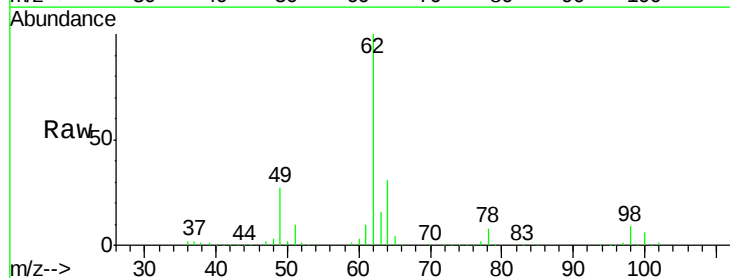


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

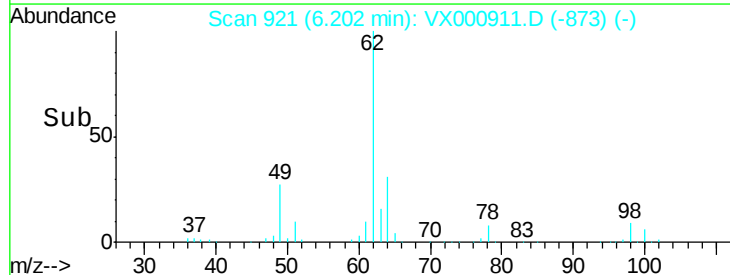
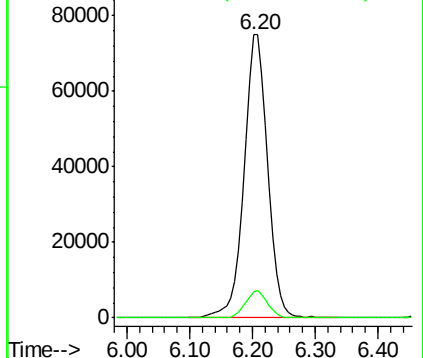


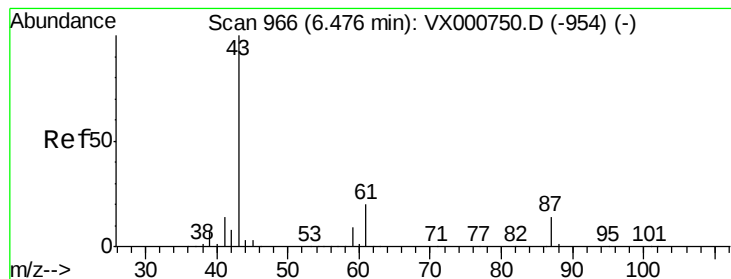
#42
1,2-Dichloroethane
Concen: 49.98 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion:	62	Resp:	194693
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 47.61 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

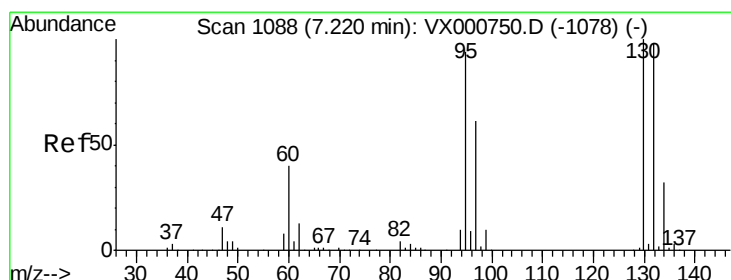
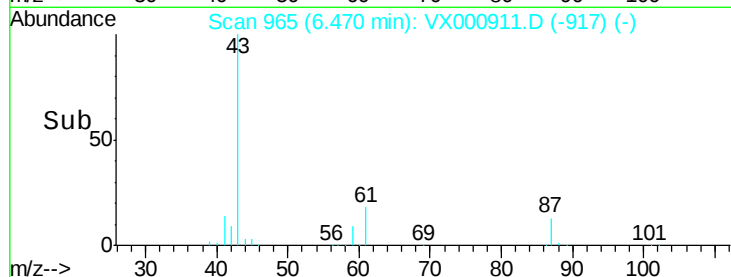
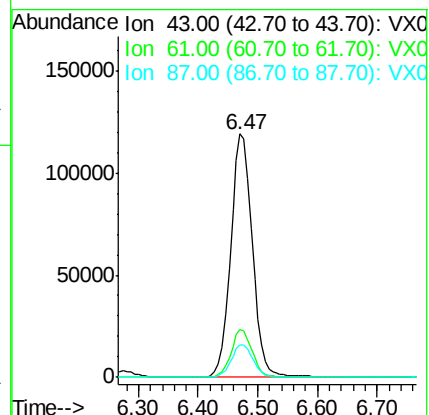
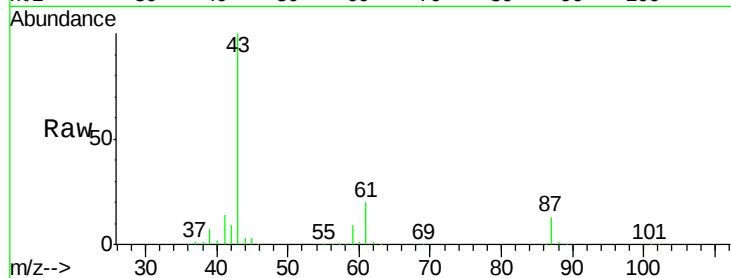
Tgt Ion: 43 Resp: 299094

Ion Ratio Lower Upper

43 100

61 19.3 15.6 23.4

87 13.5 10.7 16.1



#44

Trichloroethene

Concen: 49.06 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000911.D

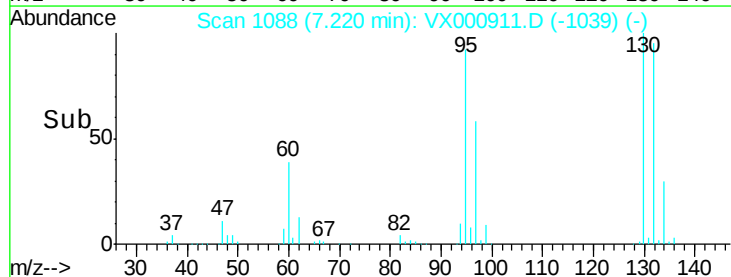
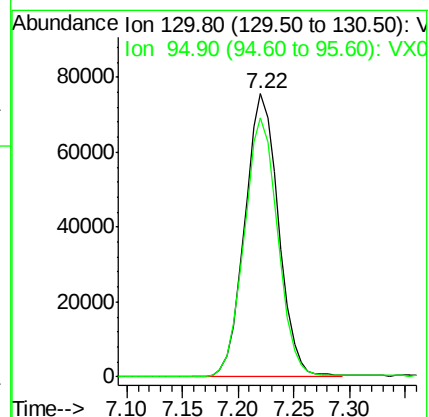
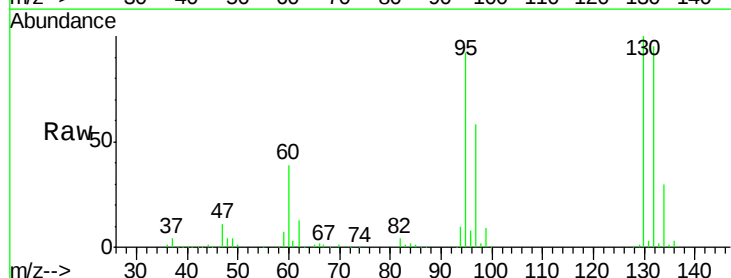
Acq: 15 Apr 2018 21:16

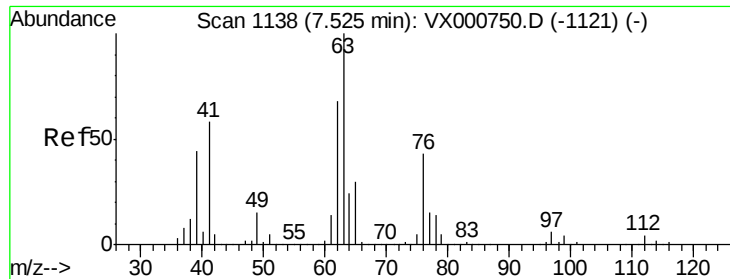
Tgt Ion: 130 Resp: 159139

Ion Ratio Lower Upper

130 100

95 91.6 0.0 187.0





#45

1,2-Dichloropropane

Concen: 51.44 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

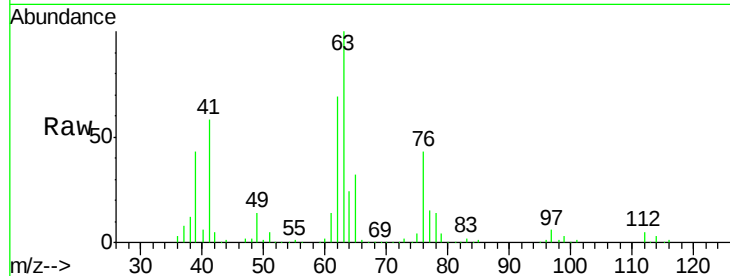
VSTDCCC050EC

Tgt Ion: 63 Resp: 136609

Ion Ratio Lower Upper

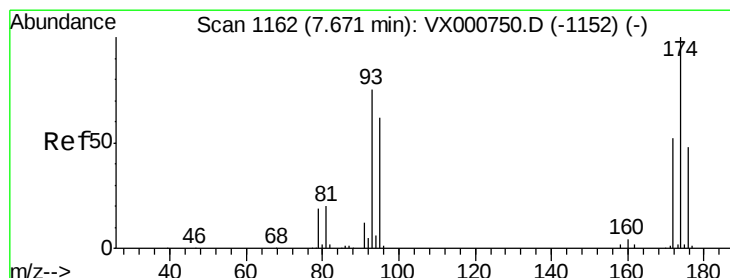
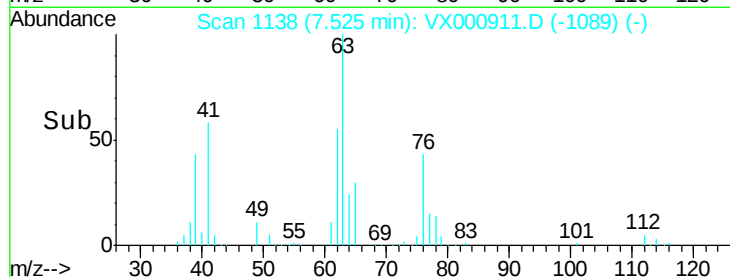
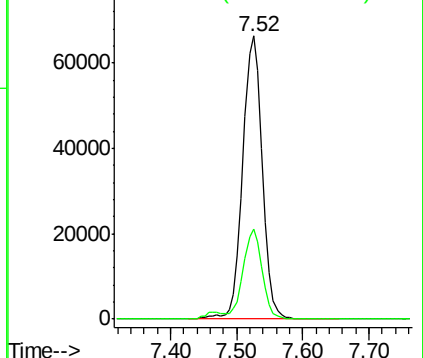
63 100

65 31.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.78 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

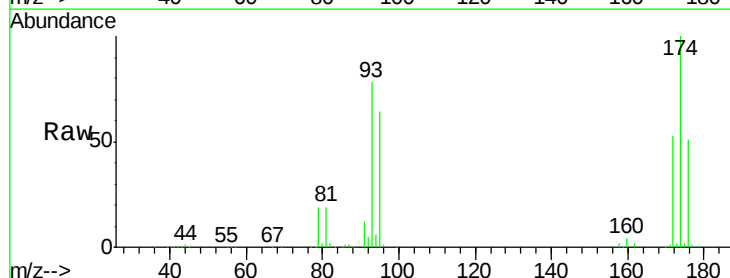
Tgt Ion: 93 Resp: 92180

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

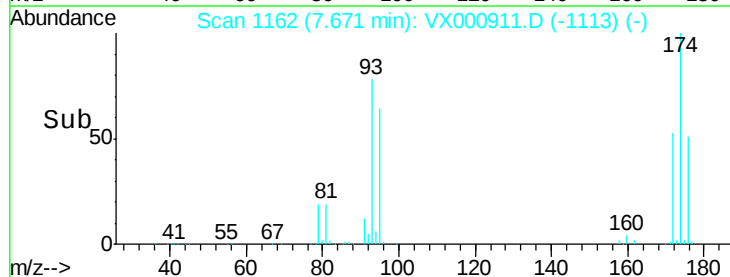
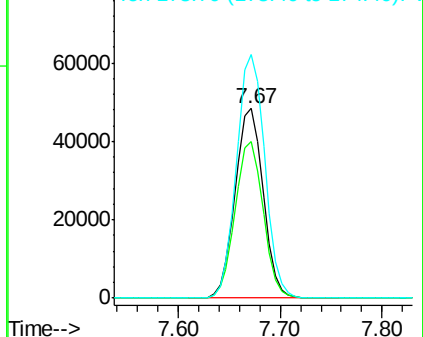
174 129.6 104.5 156.7

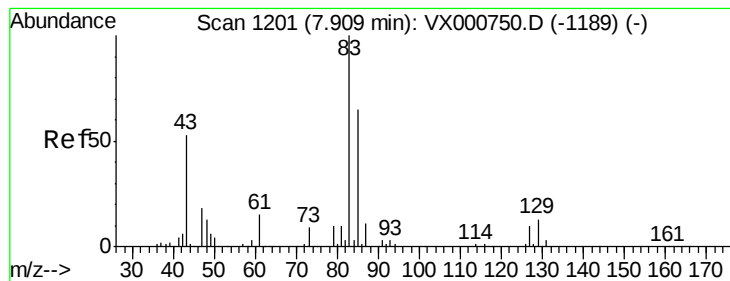


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.32 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

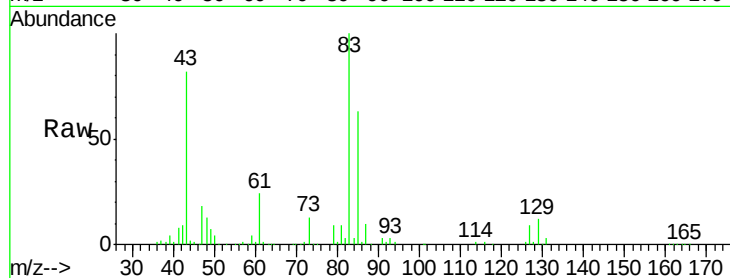
Tgt Ion: 83 Resp: 180583

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.4

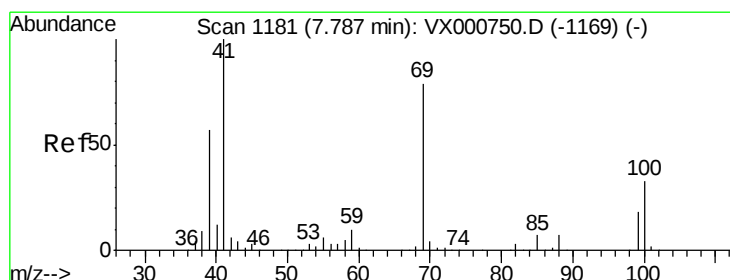
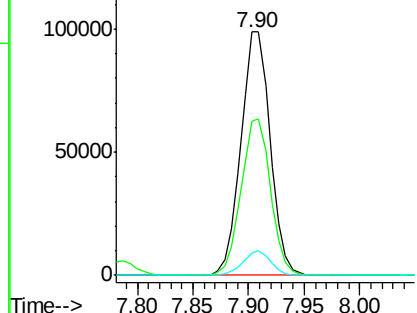
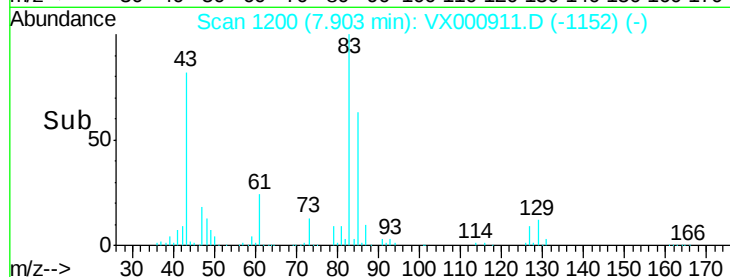
127 9.1 7.8 11.8



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: 48.05 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

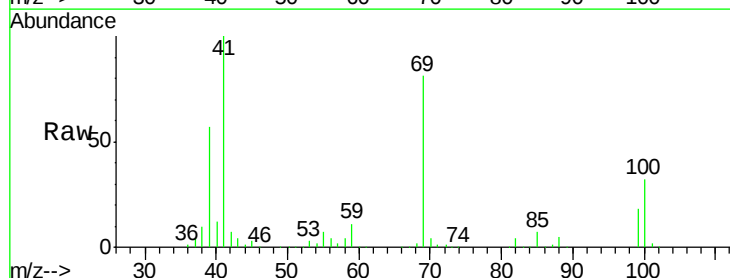
Tgt Ion: 41 Resp: 156471

Ion Ratio Lower Upper

41 100

69 80.8 63.9 95.9

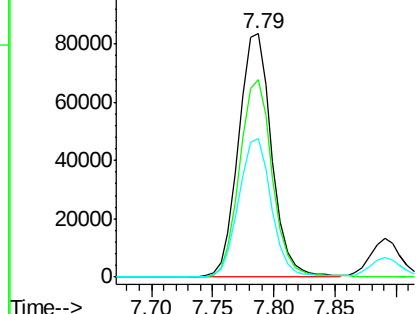
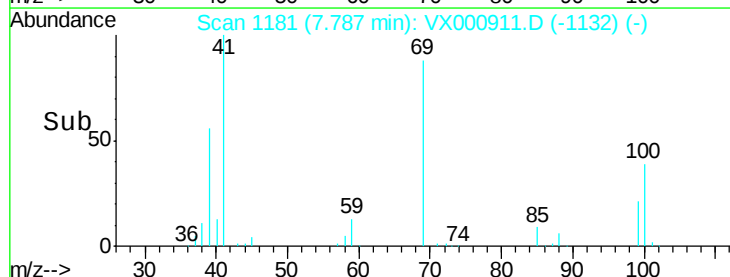
39 56.7 45.9 68.9

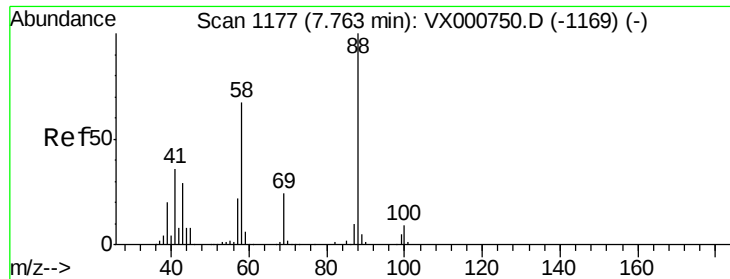


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 744.77 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

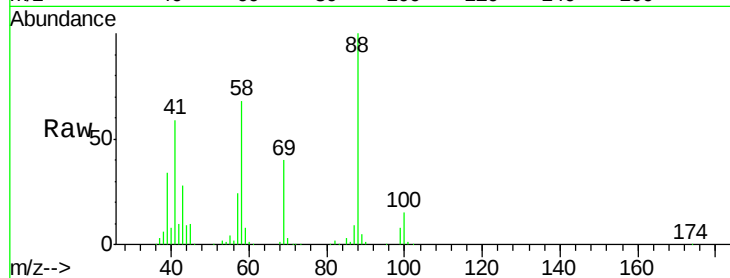
Tgt Ion: 88 Resp: 48740

Ion Ratio Lower Upper

88 100

43 34.9 25.8 38.8

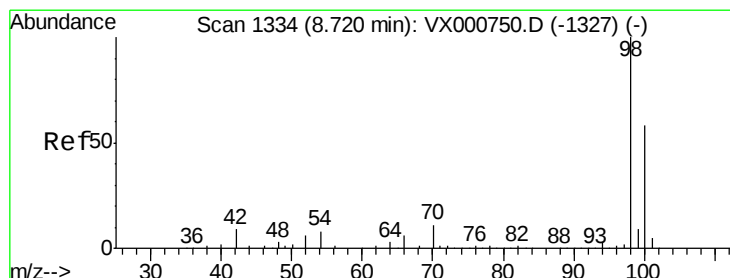
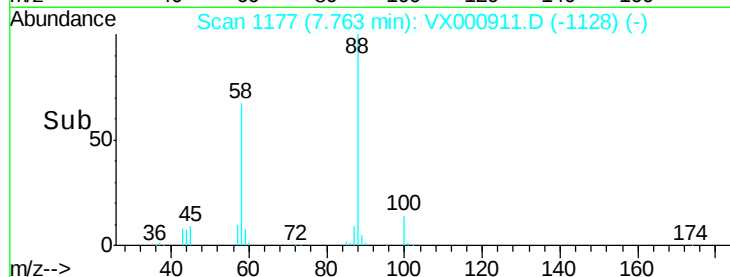
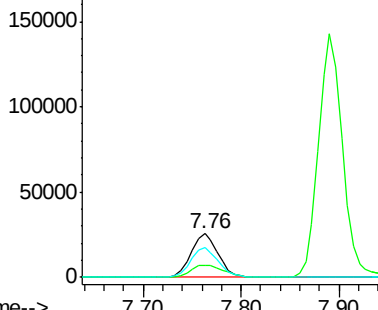
58 70.5 54.4 81.6



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: 47.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000911.D

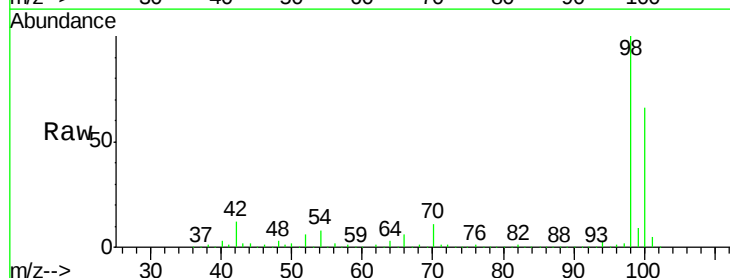
Acq: 15 Apr 2018 21:16

Tgt Ion: 98 Resp: 466848

Ion Ratio Lower Upper

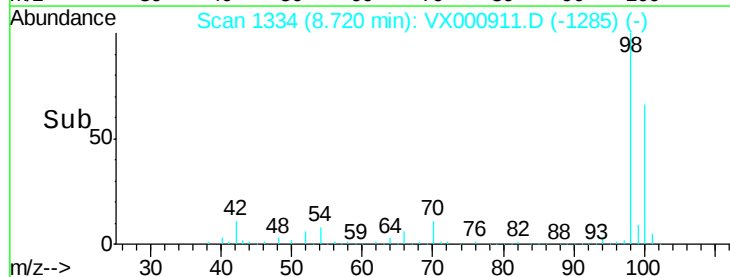
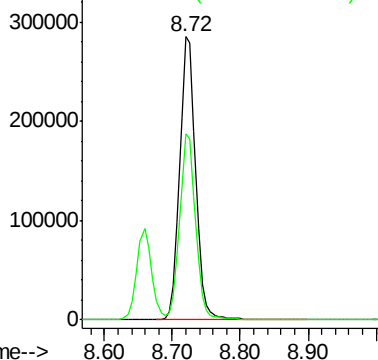
98 100

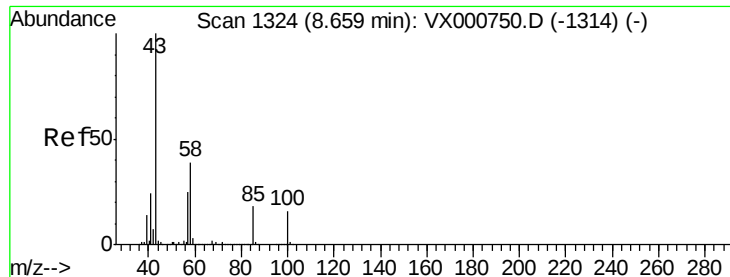
100 65.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

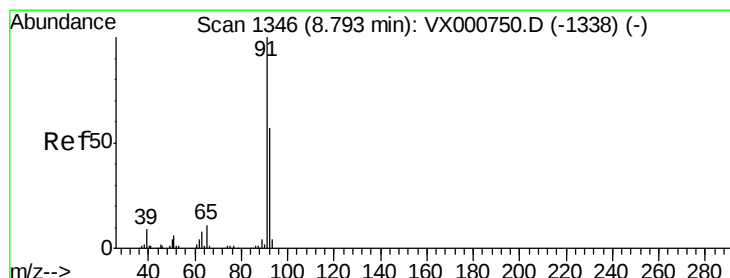
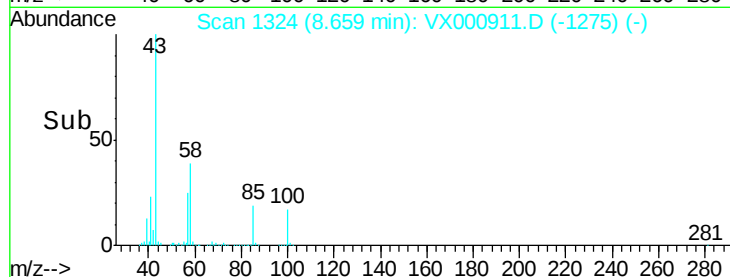
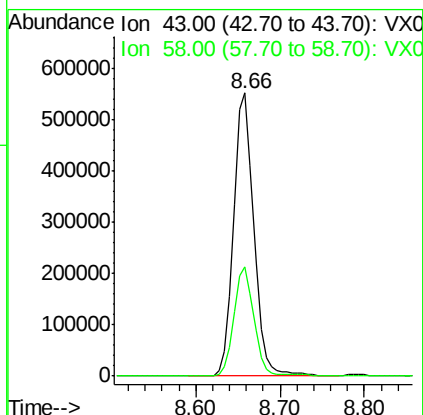
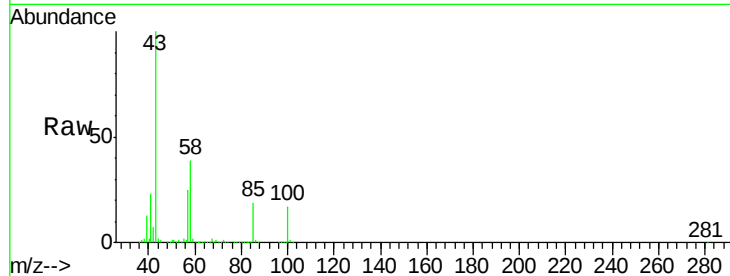




#51
 4-Methyl-2-Pentanone
 Concen: 243.09 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

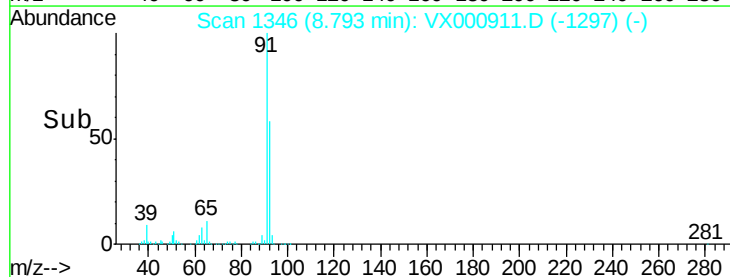
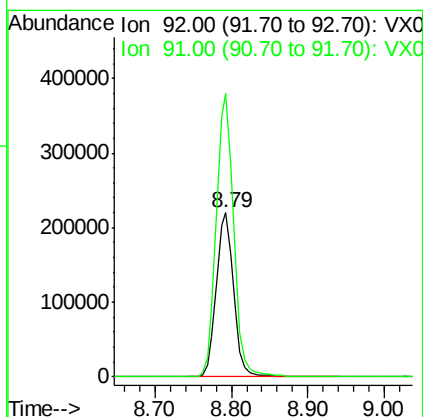
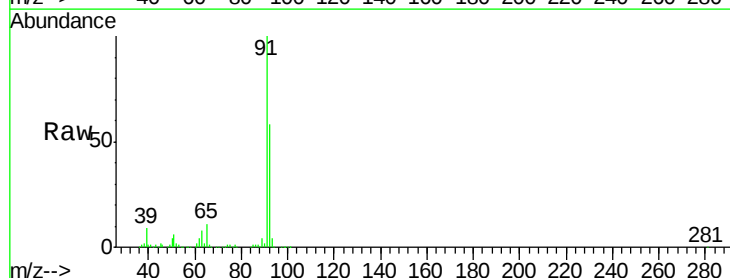
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 897103
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.3 45.5



#52
 Toluene
 Concen: 50.01 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion: 92 Resp: 346011
 Ion Ratio Lower Upper
 92 100
 91 173.5 139.0 208.4

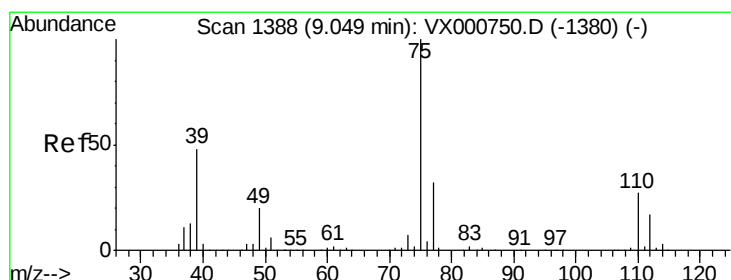
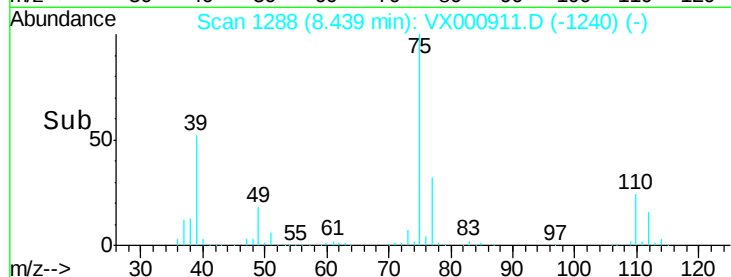
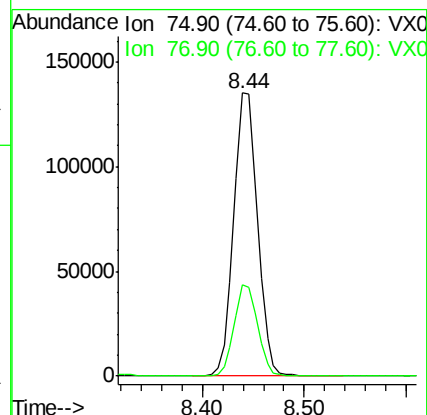
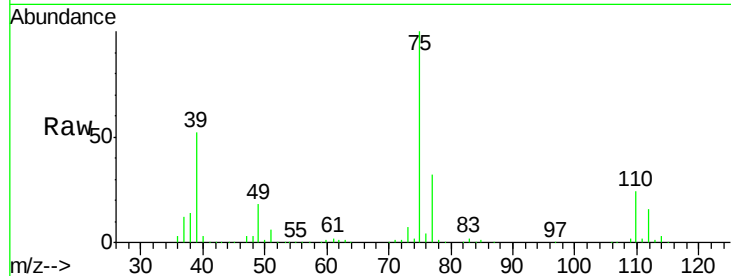




#53
 t-1,3-Dichloropropene
 Concen: 48.54 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

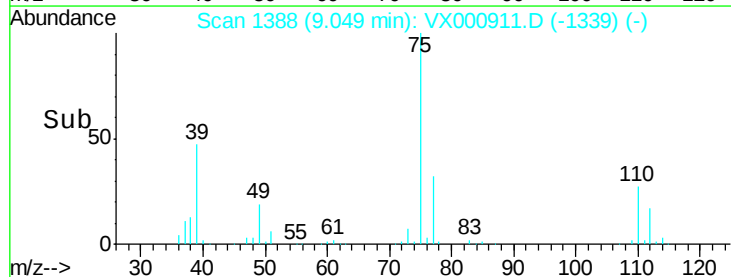
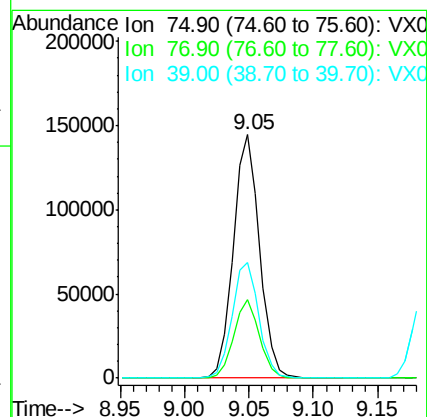
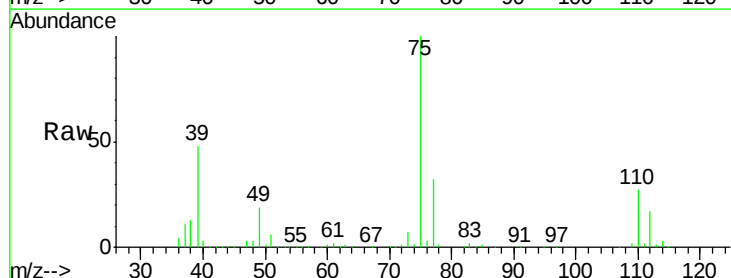
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 217603
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.09 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion: 75 Resp: 205567
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2
 39 47.6 38.6 58.0

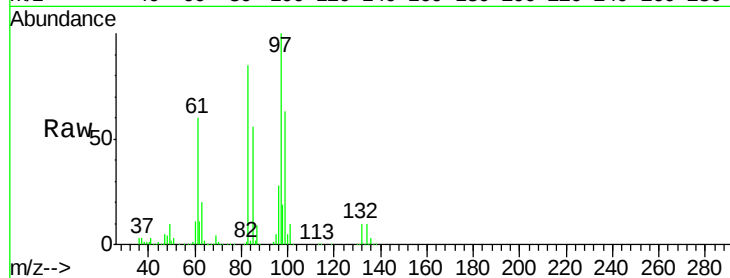




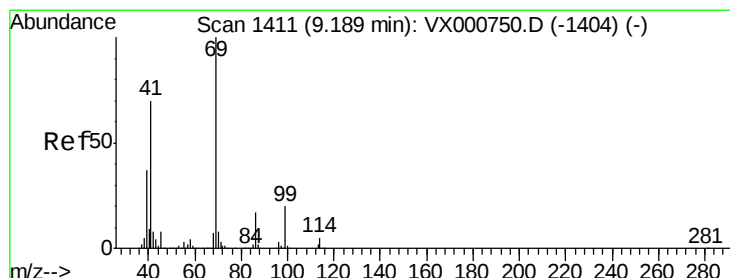
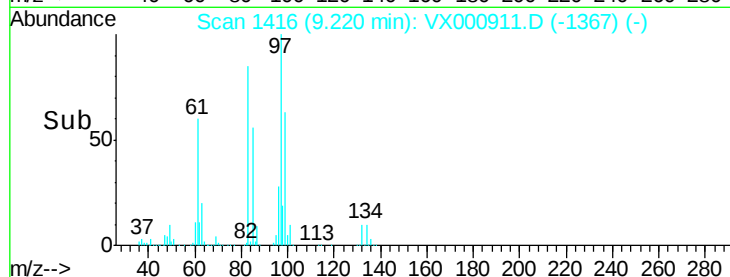
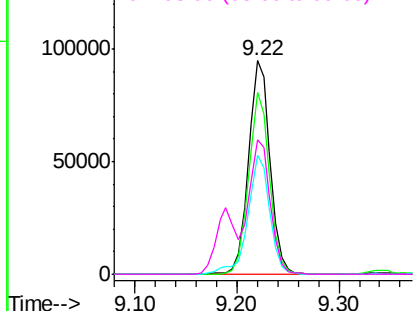
#55
 1,1,2-Trichloroethane
 Concen: 50.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	139532
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.6	101.4
85	55.6	43.8	65.6
99	62.7	50.2	75.4

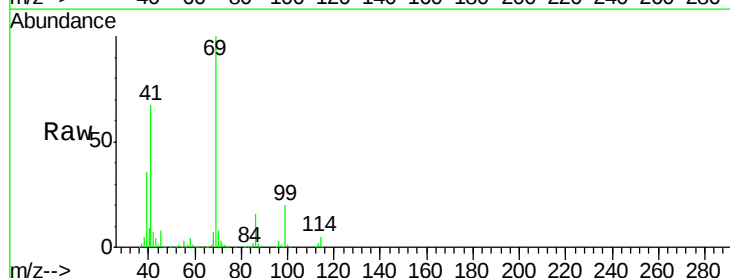


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

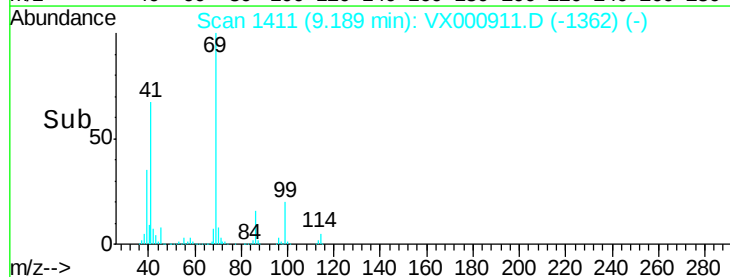
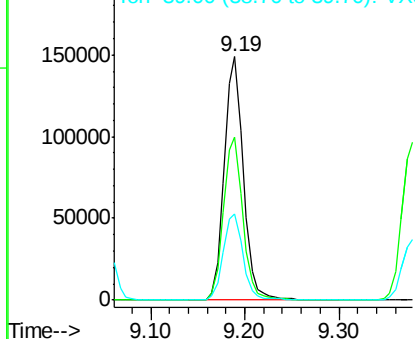


#56
 Ethyl methacrylate
 Concen: 49.56 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion:	69	Resp:	209992
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.6	83.4
39	36.5	30.3	45.5



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





#57

1,3-Dichloropropane

Concen: 51.64 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

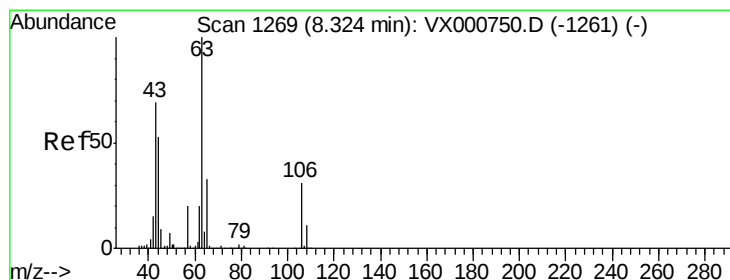
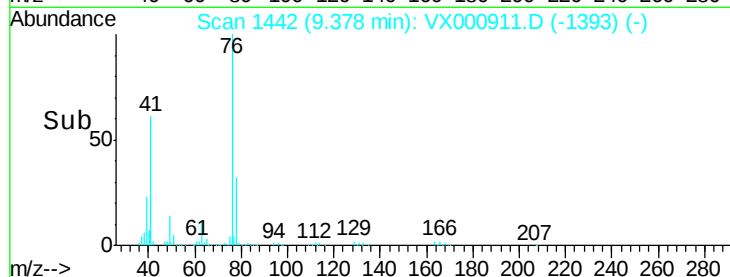
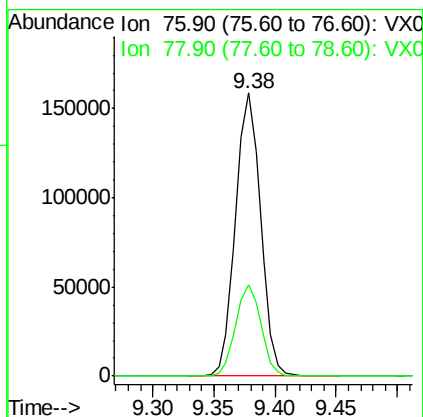
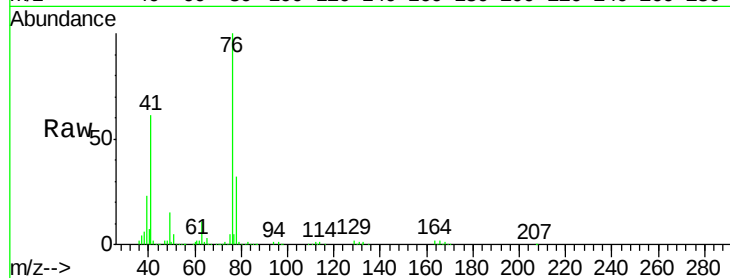
VSTDCCC050EC

Tgt Ion: 76 Resp: 22520

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.87 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000911.D

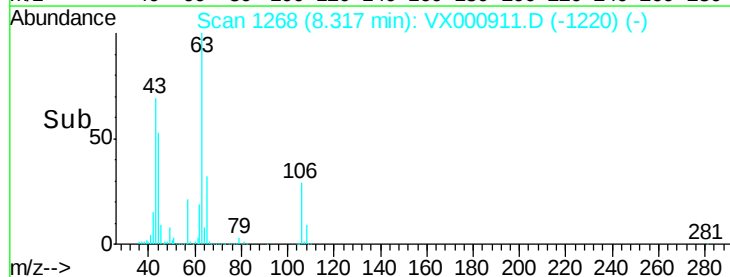
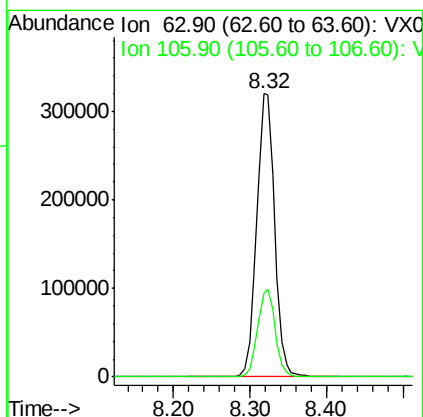
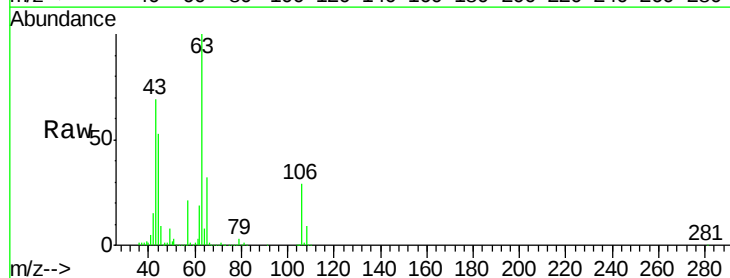
Acq: 15 Apr 2018 21:16

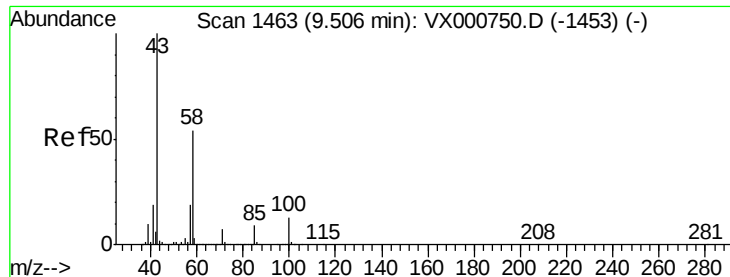
Tgt Ion: 63 Resp: 526381

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5

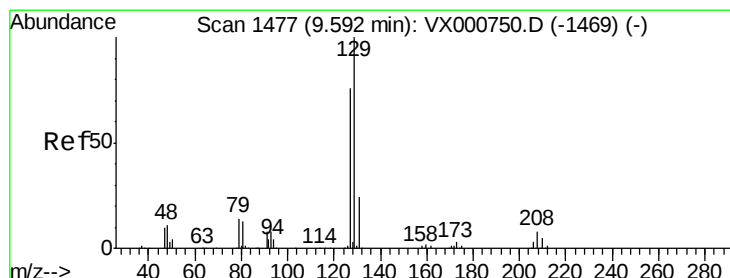
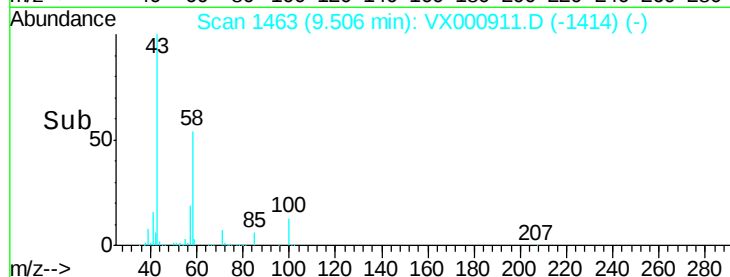
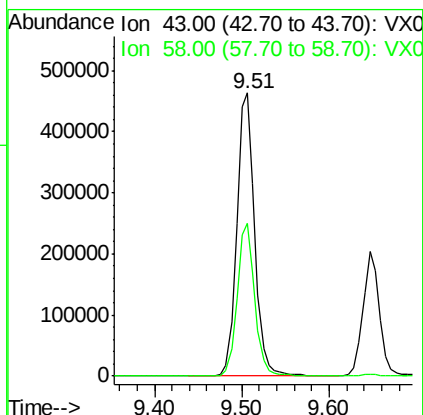
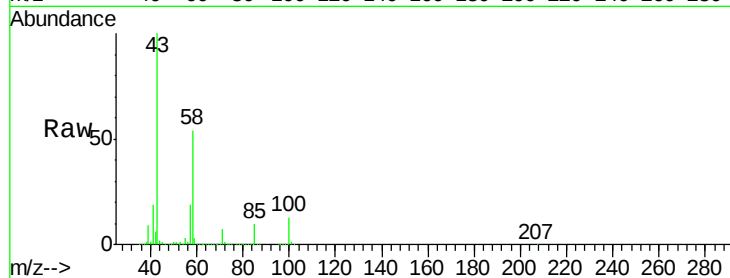




#59
2-Hexanone
Concen: 232.05 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

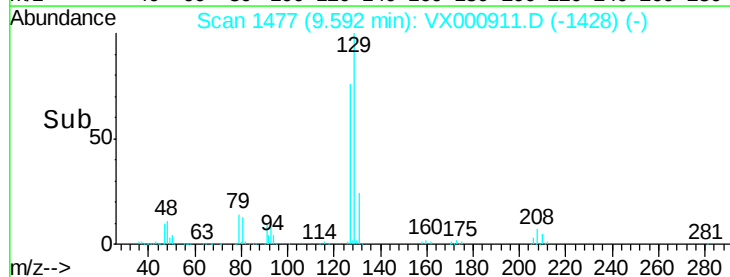
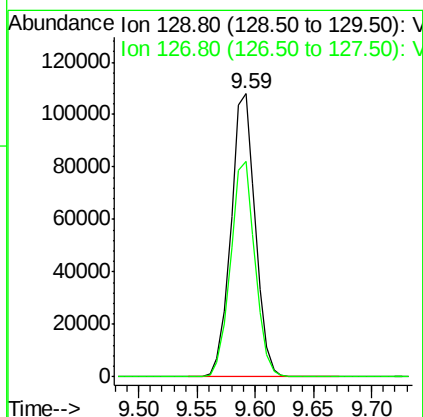
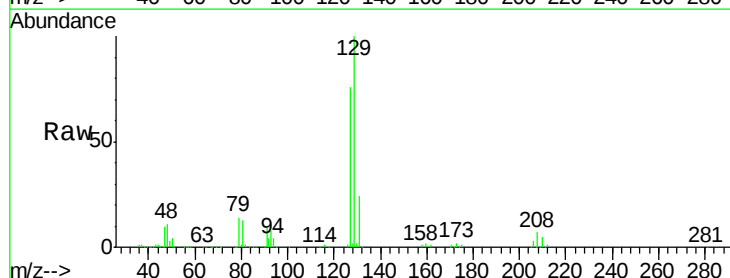
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

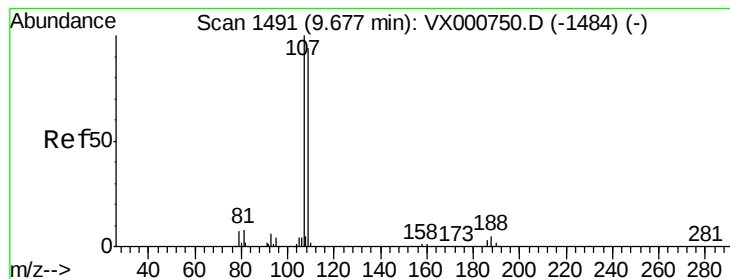
Tgt Ion: 43 Resp: 661127
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.5



#60
Dibromochloromethane
Concen: 47.80 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion: 129 Resp: 157099
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.80 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

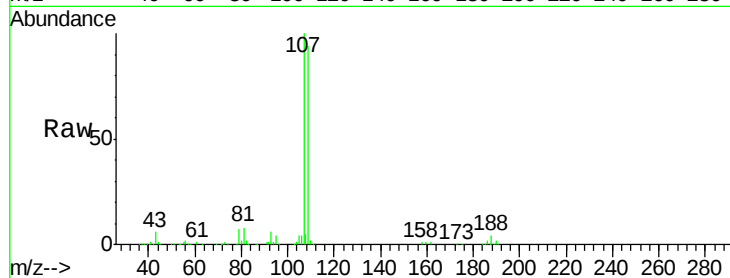
VSTDCCC050EC

Tgt Ion: 107 Resp: 148027

Ion Ratio Lower Upper

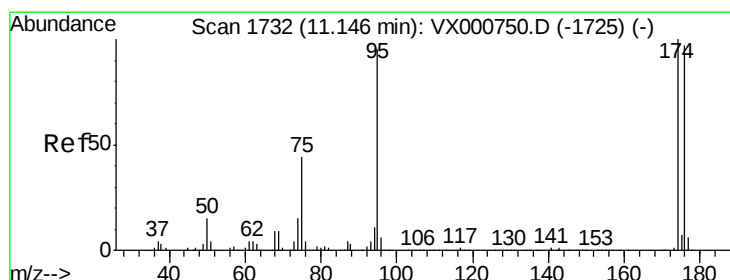
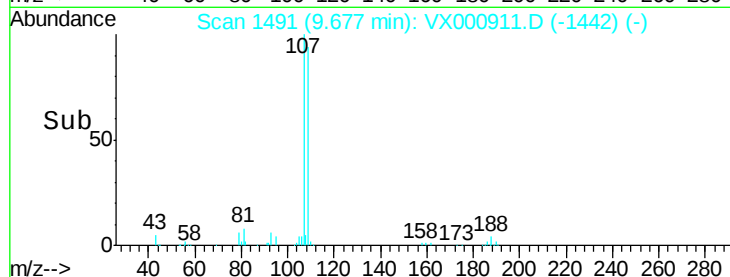
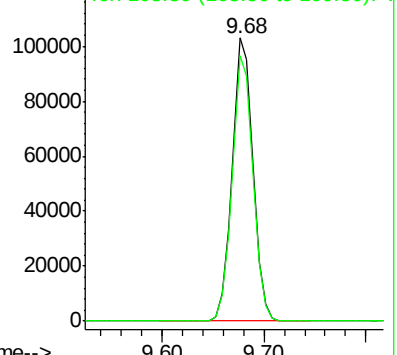
107 100

109 94.0 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.09 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

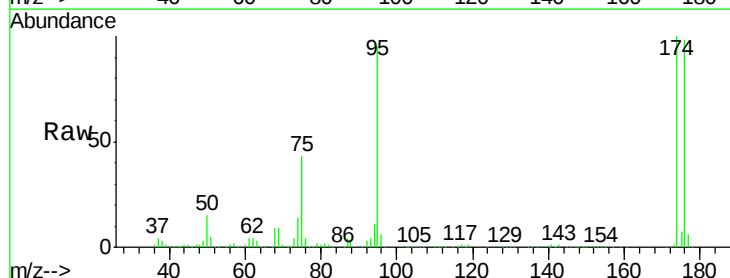
Tgt Ion: 95 Resp: 190479

Ion Ratio Lower Upper

95 100

174 99.5 0.0 198.4

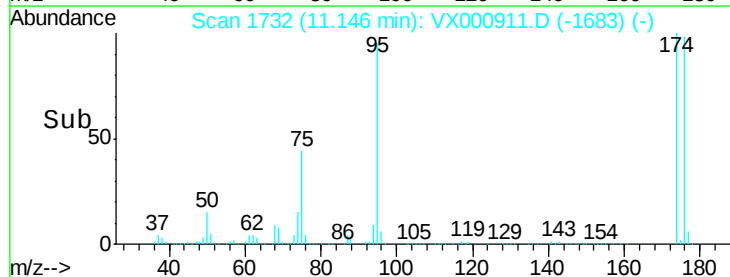
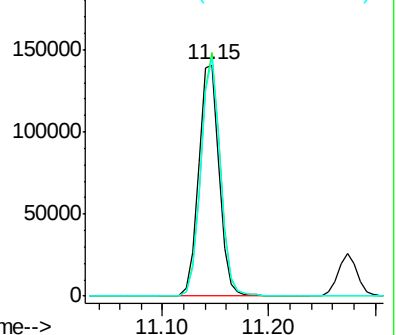
176 97.9 0.0 194.4

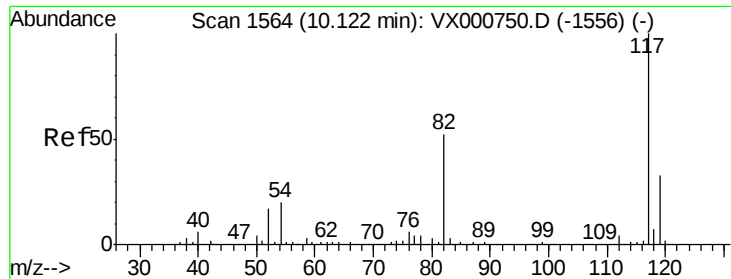


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

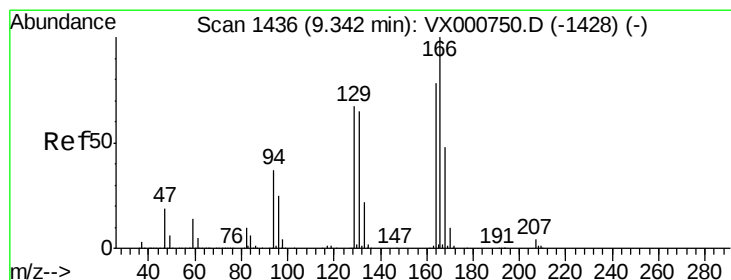
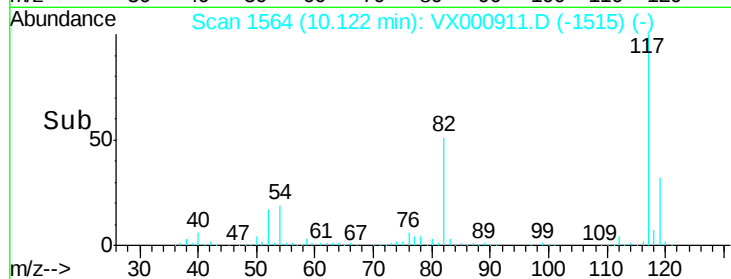
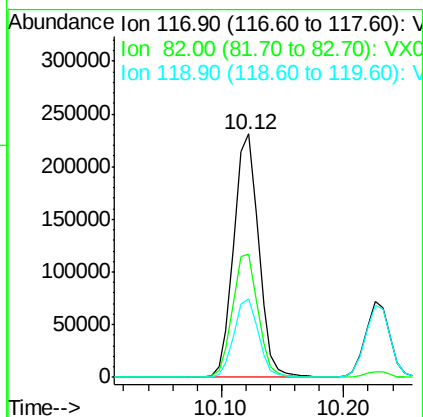
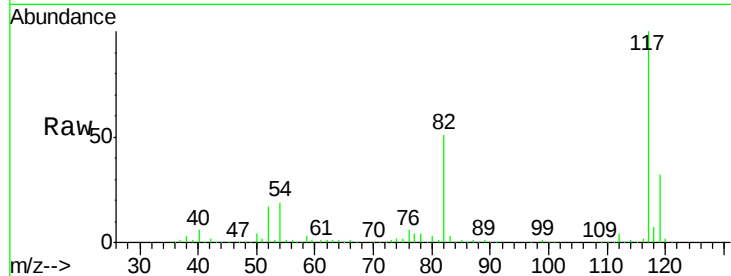




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

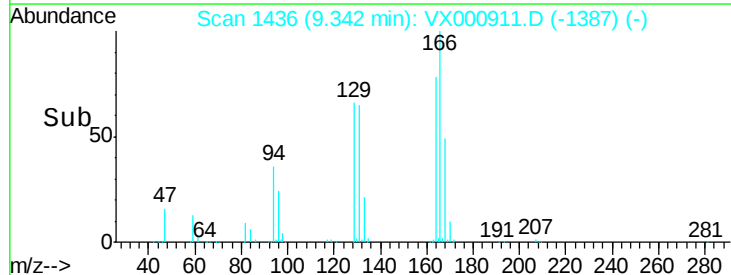
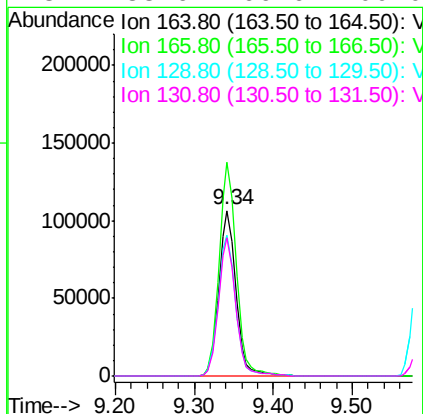
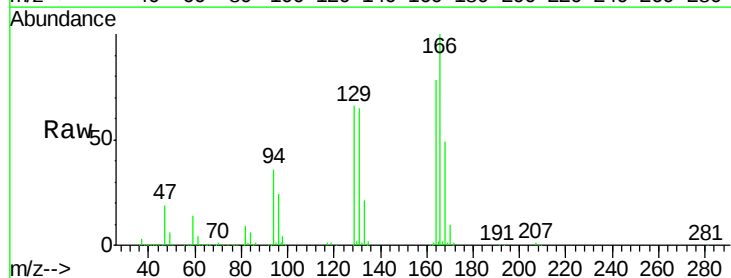
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

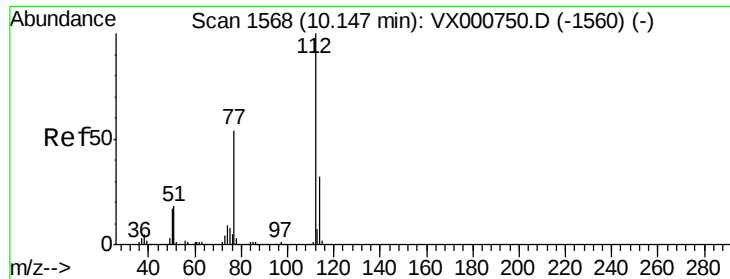
Tgt Ion:117 Resp: 325096
Ion Ratio Lower Upper
117 100
82 50.7 41.9 62.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 51.02 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion:164 Resp: 162178
Ion Ratio Lower Upper
164 100
166 128.8 102.8 154.2
129 85.3 68.5 102.7
131 83.6 66.6 100.0

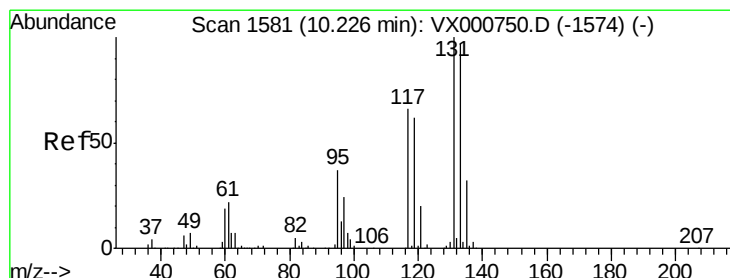
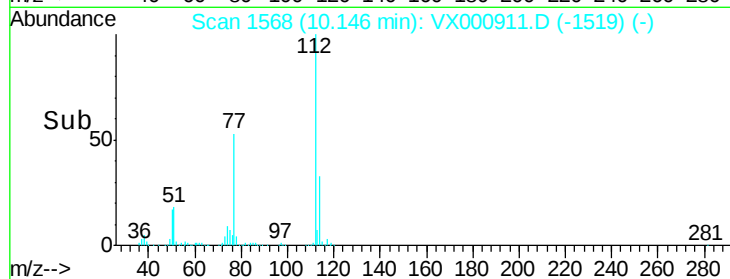
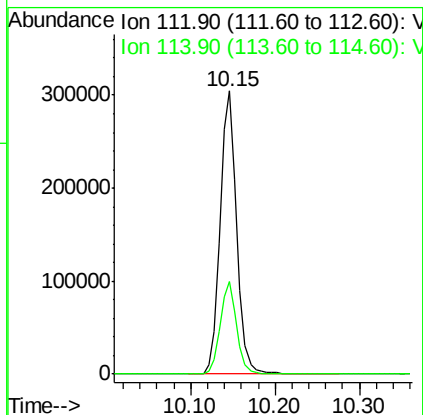
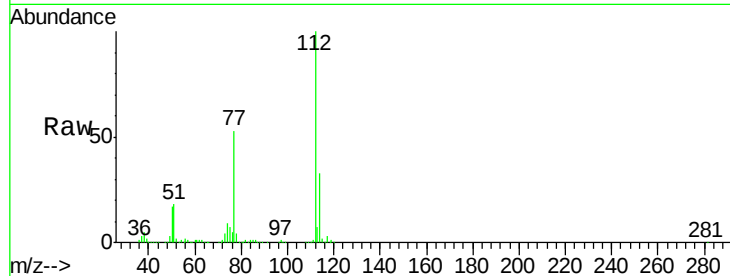




#65
Chlorobenzene
Concen: 50.36 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

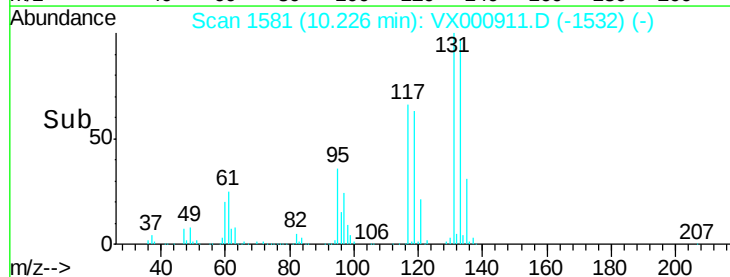
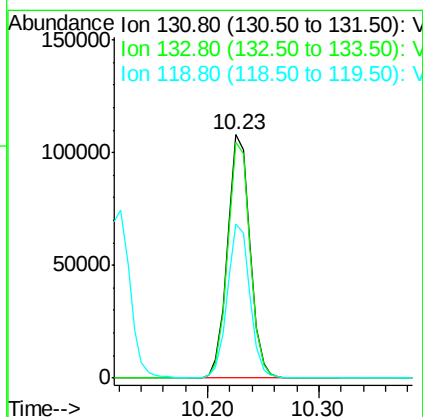
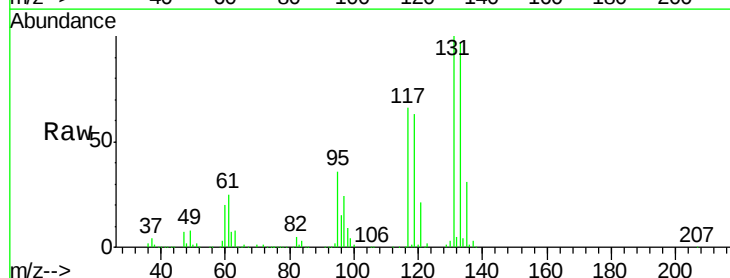
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

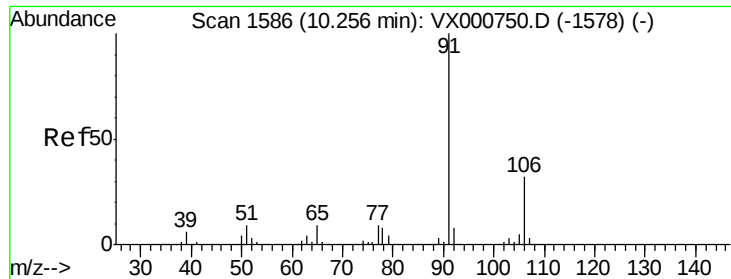
Tgt Ion:112 Resp: 411883
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.93 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion:131 Resp: 150617
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 63.6 31.4 94.0

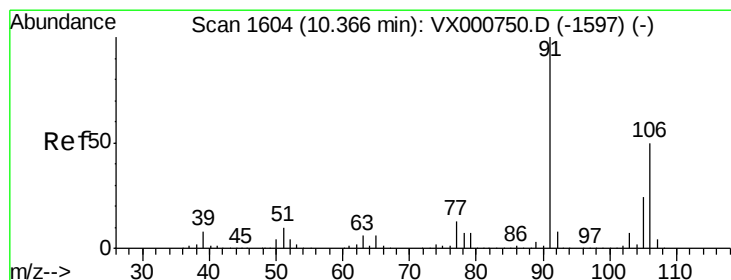
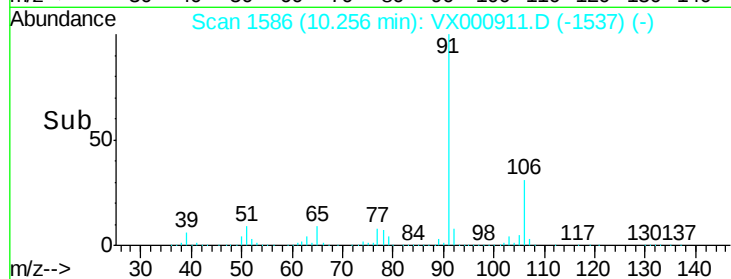
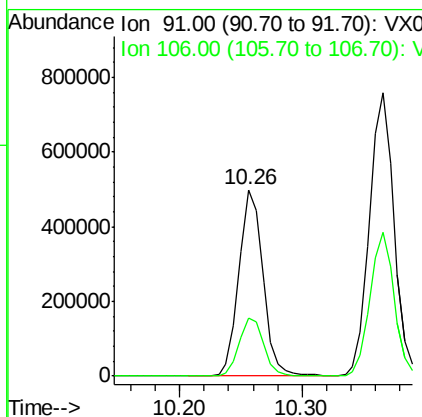
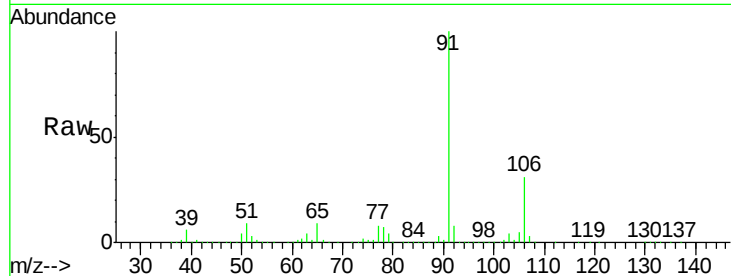




#67
Ethyl Benzene
Concen: 50.04 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

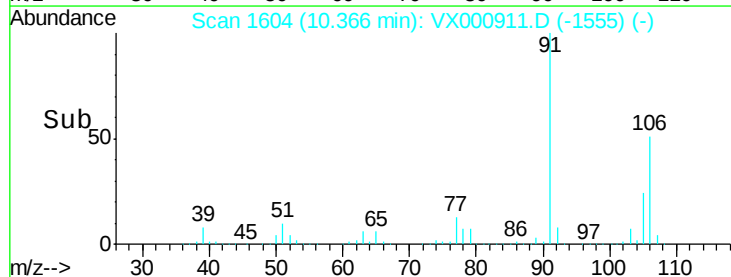
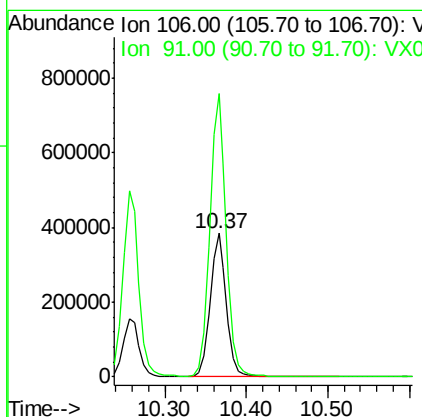
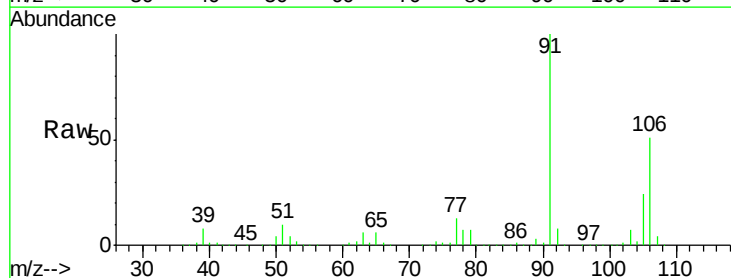
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

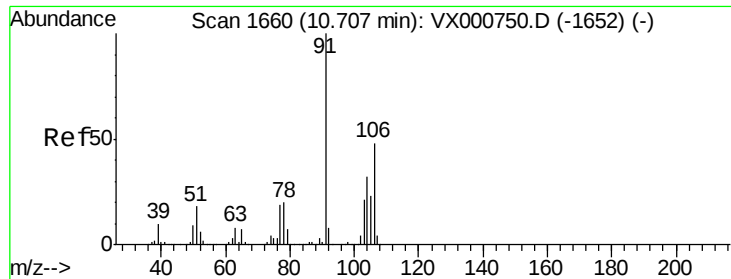
Tgt Ion: 91 Resp: 682285
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 99.44 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion: 106 Resp: 535138
Ion Ratio Lower Upper
106 100
91 199.4 159.3 238.9

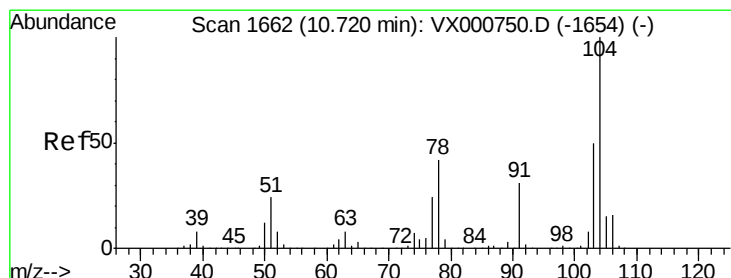
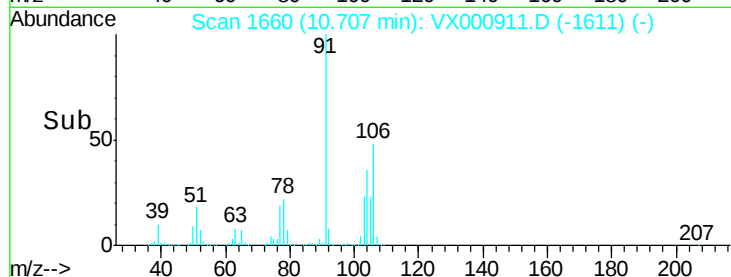
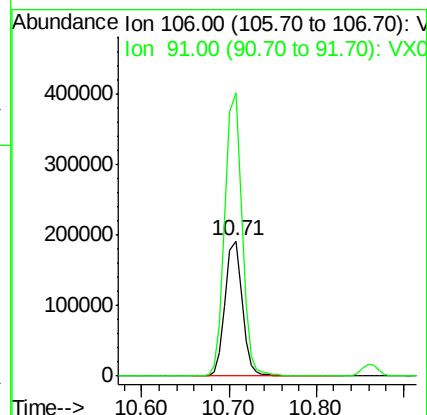
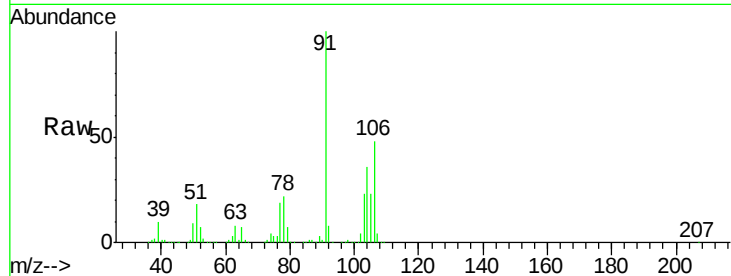




#69
o-Xylene
Concen: 50.43 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

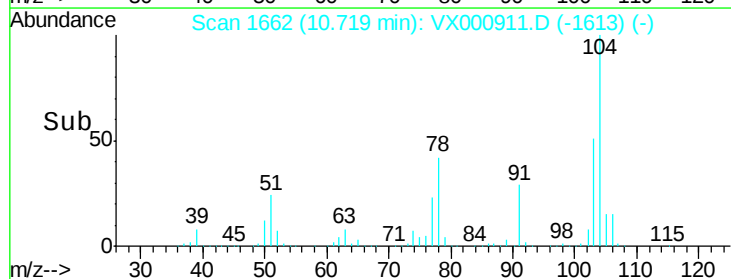
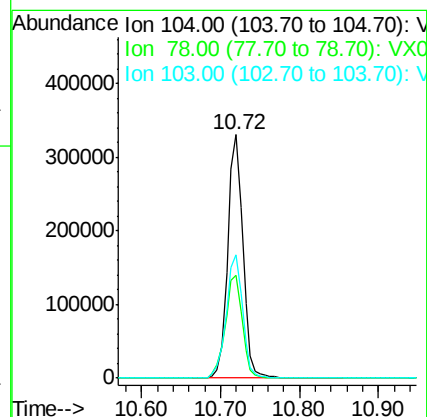
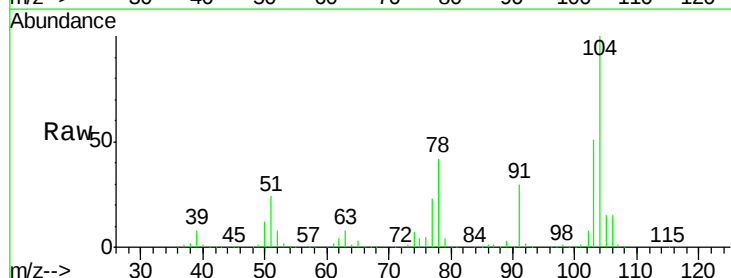
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

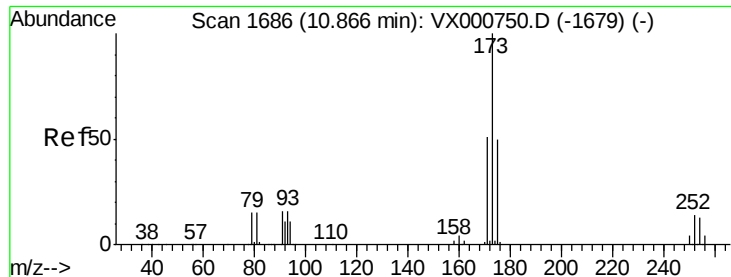
Tgt Ion:106 Resp: 261558
Ion Ratio Lower Upper
106 100
91 209.3 105.0 315.0



#70
Styrene
Concen: 50.48 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion:104 Resp: 441453
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 55.3 44.1 66.1

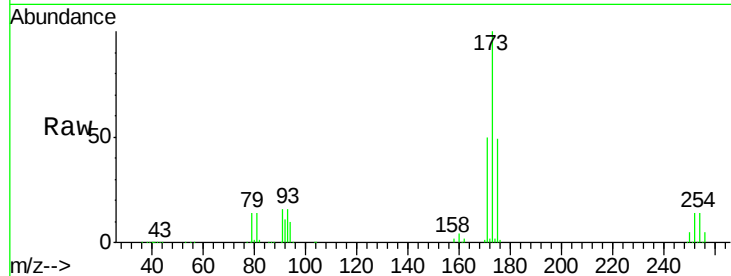




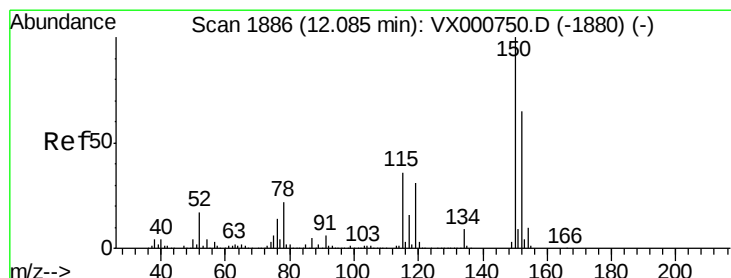
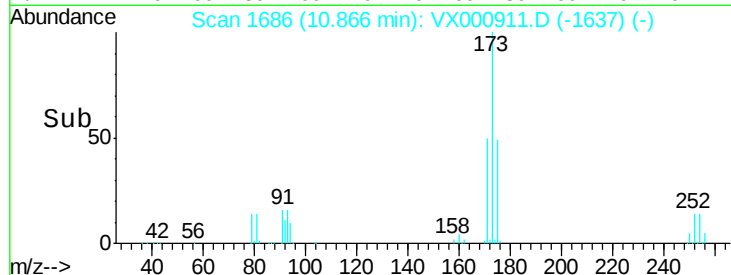
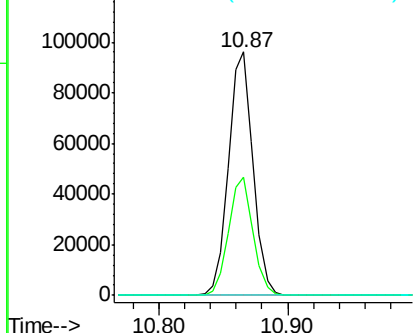
#71
Bromoform
Concen: 44.88 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 127914
Ion Ratio Lower Upper
173 100
175 48.2 24.5 73.5
254 0.2 0.2 0.2

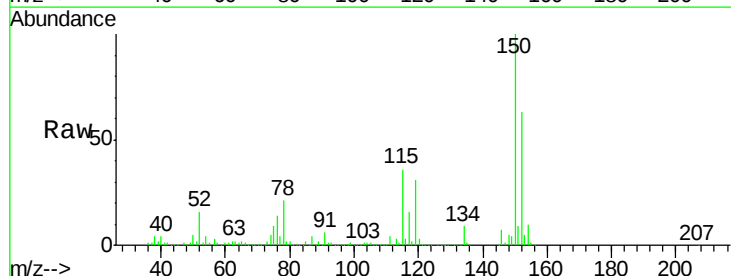


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

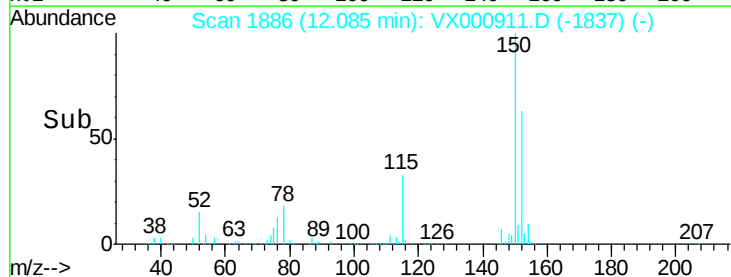
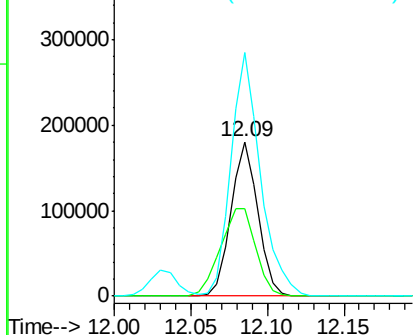


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000911.D
Acq: 15 Apr 2018 21:16

Tgt Ion:152 Resp: 218389
Ion Ratio Lower Upper
152 100
115 75.2 37.9 113.7
150 174.6 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

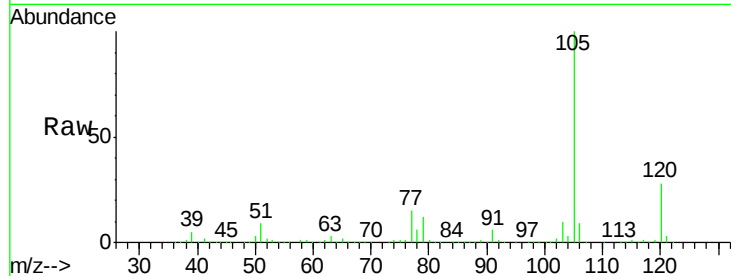
VSTDCCC050EC

Tgt Ion:105 Resp: 703328

Ion Ratio Lower Upper

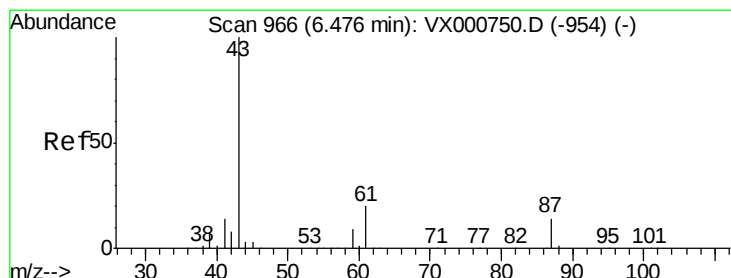
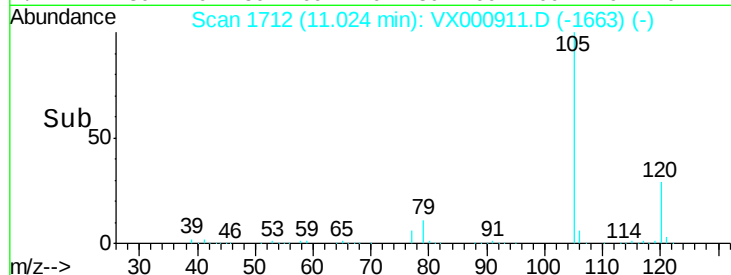
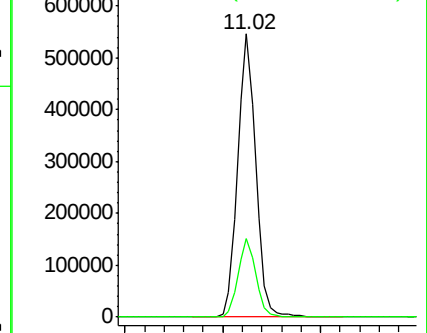
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.94 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Tgt Ion: 43 Resp: 299094

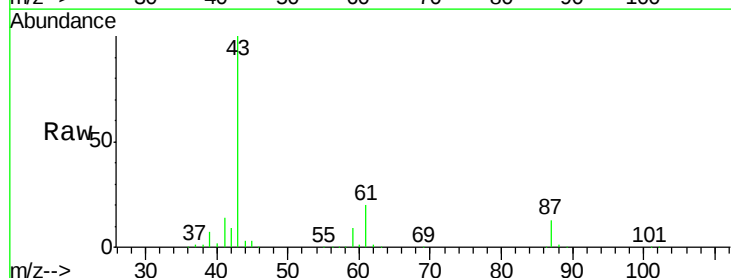
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.3 15.6 23.4

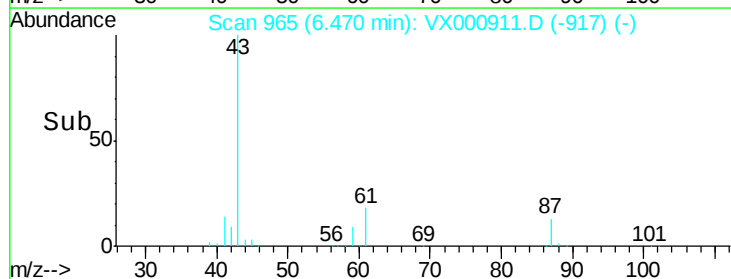
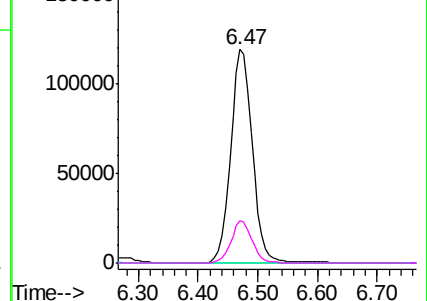


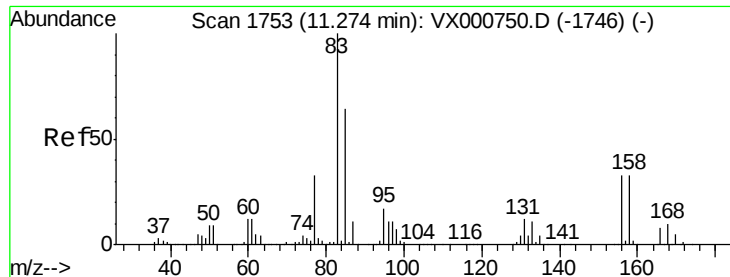
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.53 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

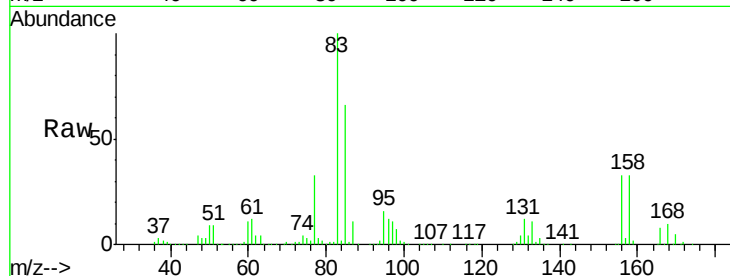
Tgt Ion: 83 Resp: 199135

Ion Ratio Lower Upper

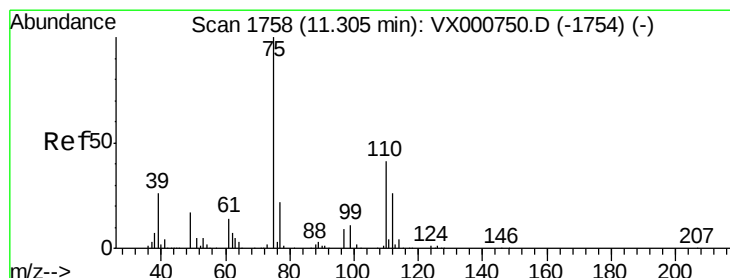
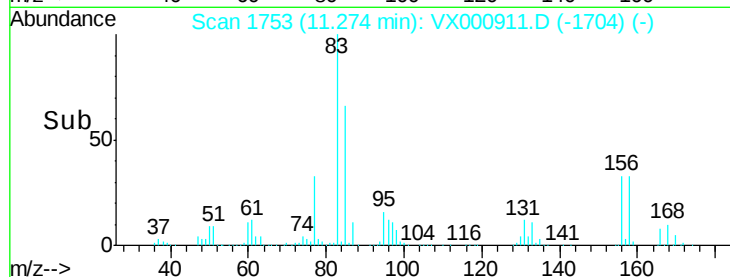
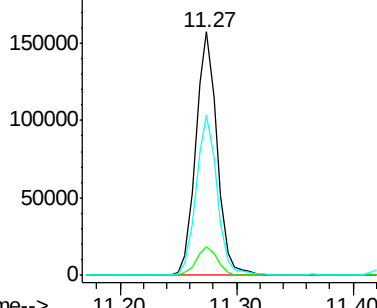
83 100

131 11.7 6.0 18.0

85 65.2 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: 60.68 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000911.D

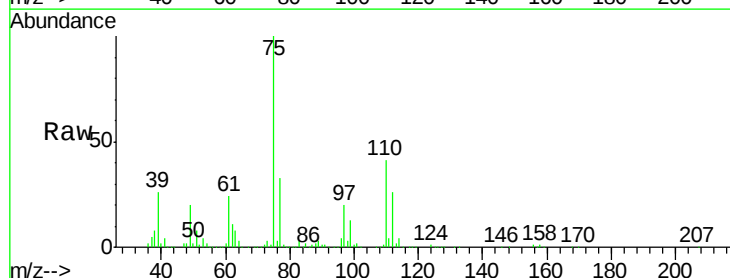
Acq: 15 Apr 2018 21:16

Tgt Ion: 75 Resp: 228534

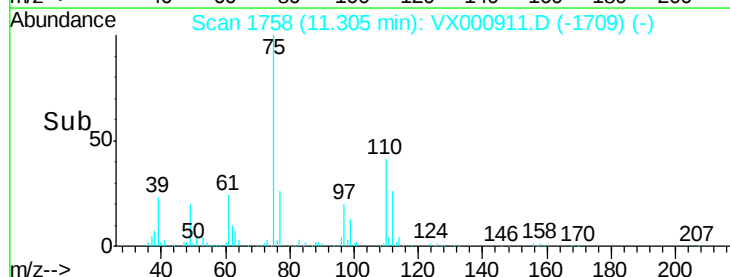
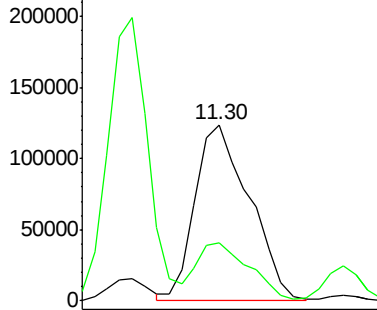
Ion Ratio Lower Upper

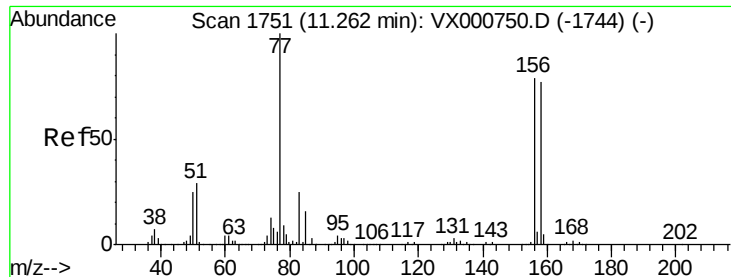
75 100

77 31.9 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: 50.27 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

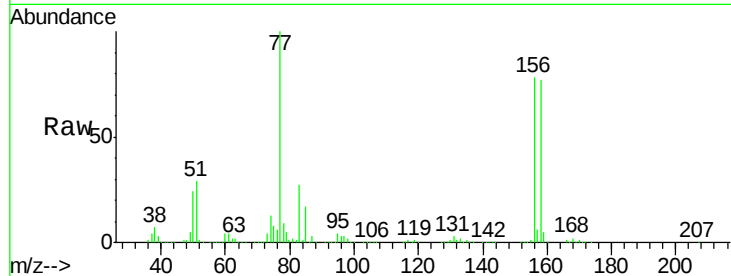
Tgt Ion:156 Resp: 204120

Ion Ratio Lower Upper

156 100

77 132.4 66.0 198.2

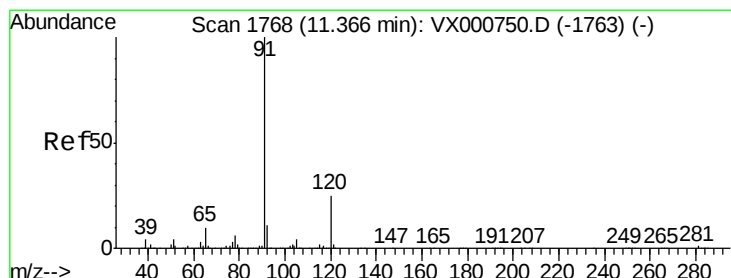
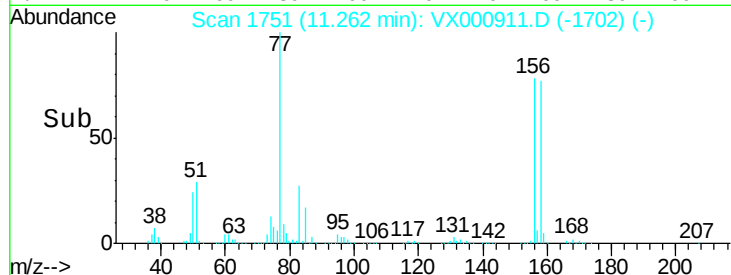
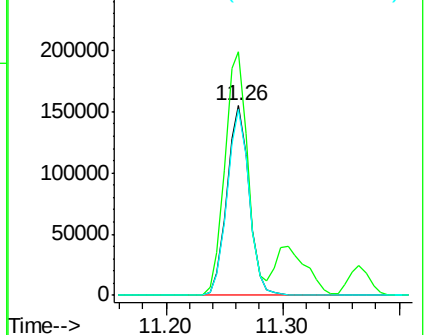
158 97.9 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.84 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000911.D

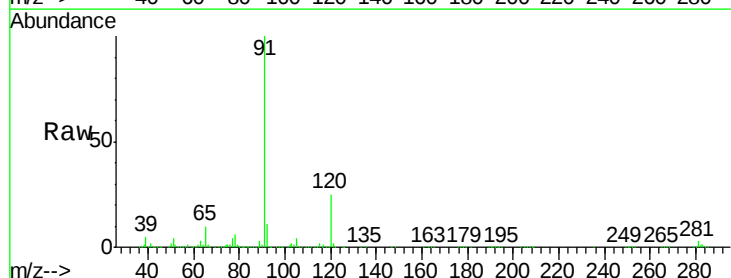
Acq: 15 Apr 2018 21:16

Tgt Ion: 91 Resp: 789761

Ion Ratio Lower Upper

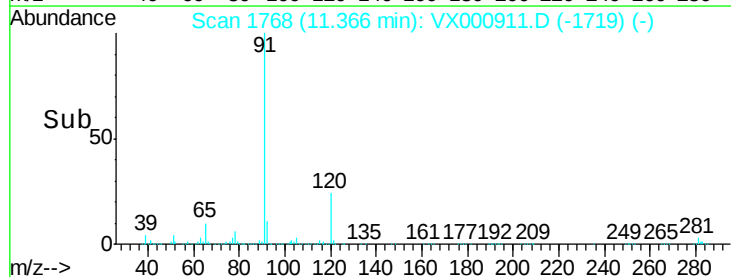
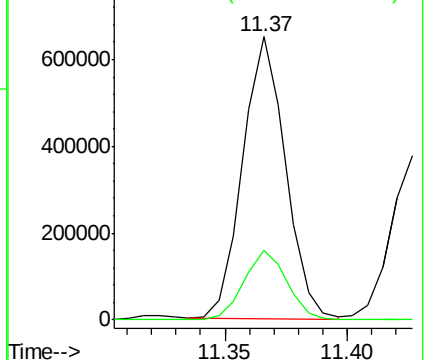
91 100

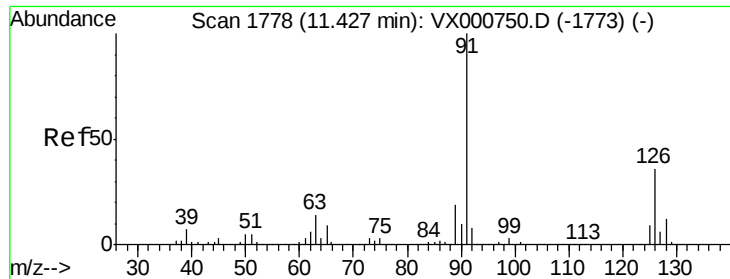
120 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

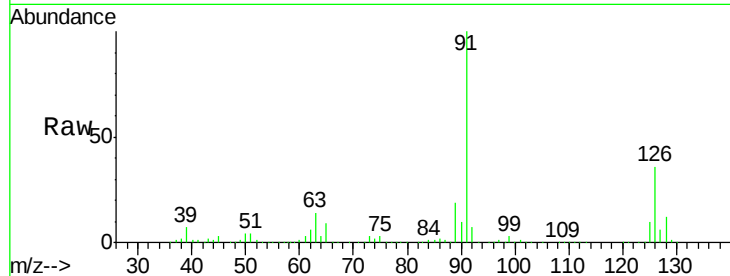
VSTDCCC050EC

Tgt Ion: 91 Resp: 468288

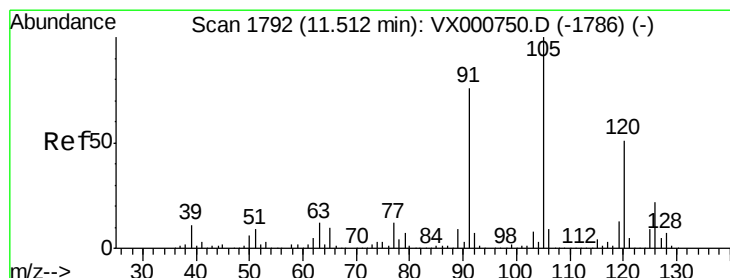
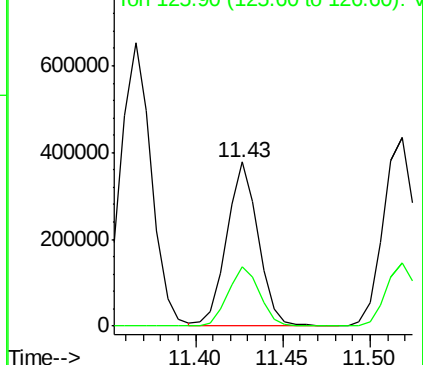
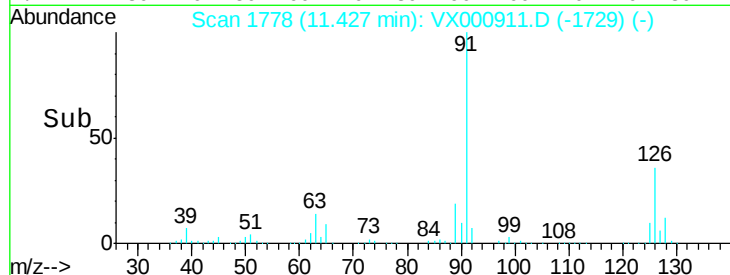
Ion Ratio Lower Upper

91 100

126 36.9 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000911.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.73 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000911.D

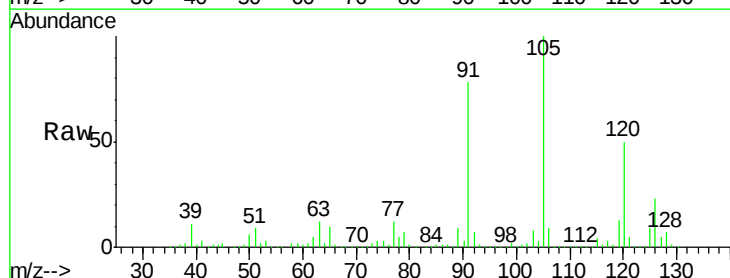
Acq: 15 Apr 2018 21:16

Tgt Ion: 105 Resp: 592545

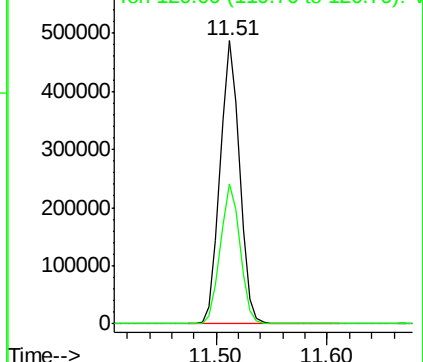
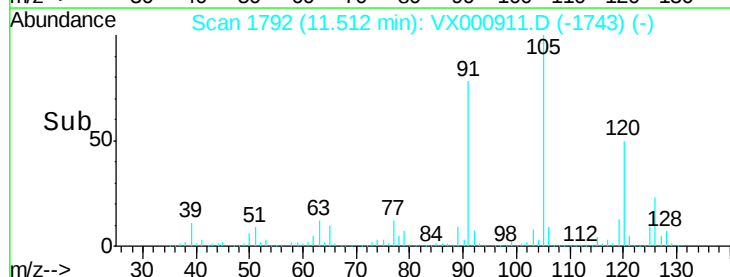
Ion Ratio Lower Upper

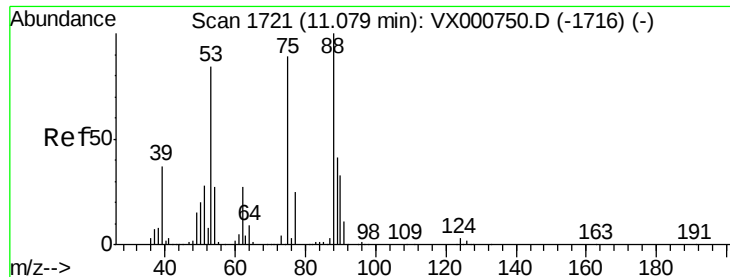
105 100

120 50.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000911.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.65 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

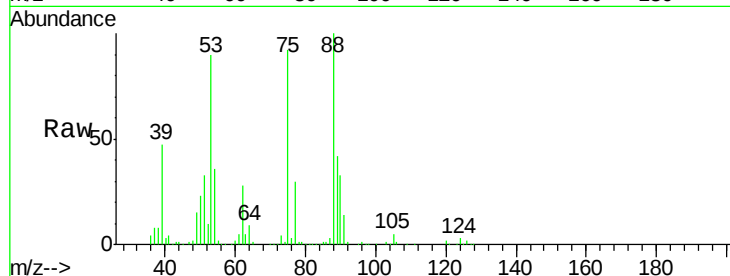
Tgt Ion: 75 Resp: 57023

Ion Ratio Lower Upper

75 100

53 98.8 75.4 113.0

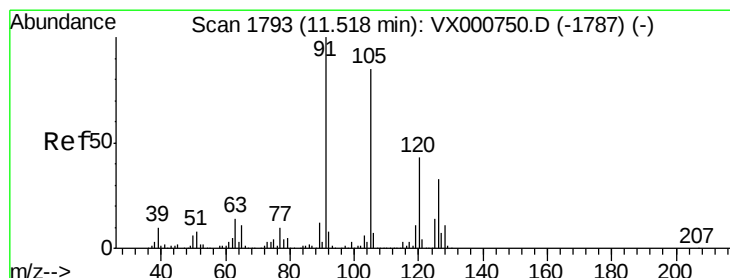
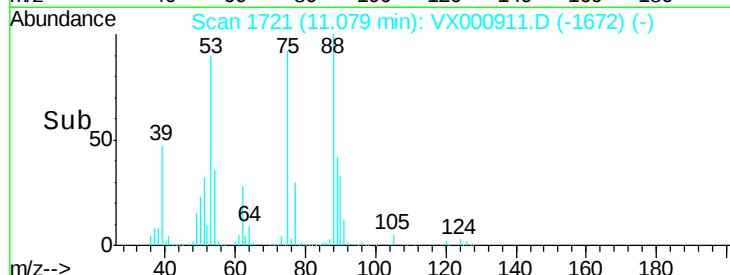
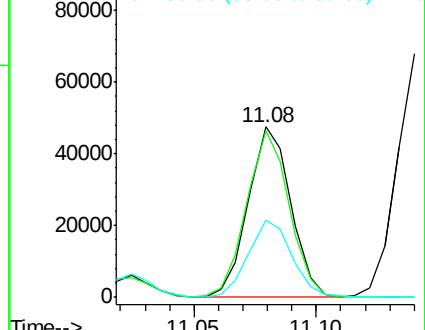
89 47.1 40.9 61.3



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: 48.99 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000911.D

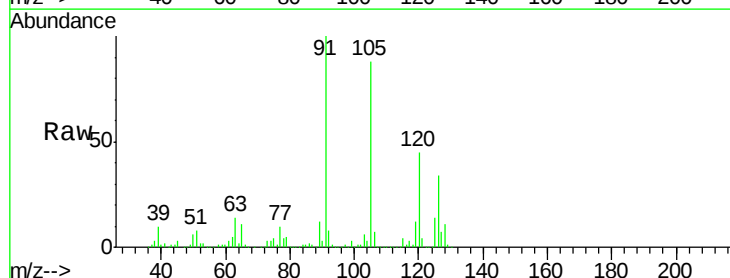
Acq: 15 Apr 2018 21:16

Tgt Ion: 91 Resp: 553899

Ion Ratio Lower Upper

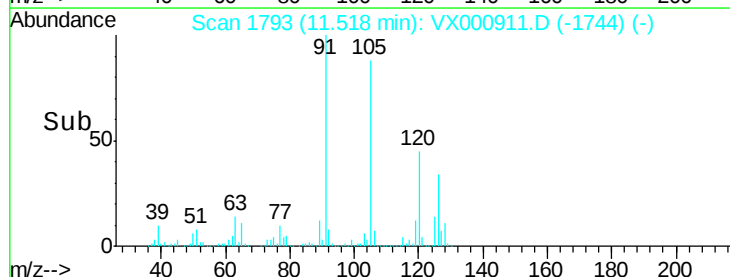
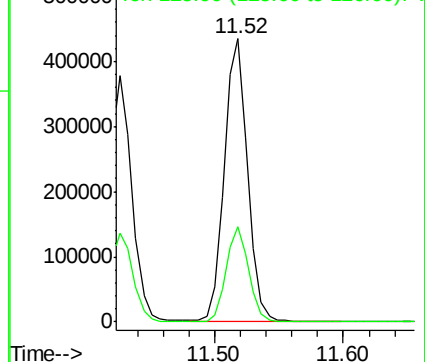
91 100

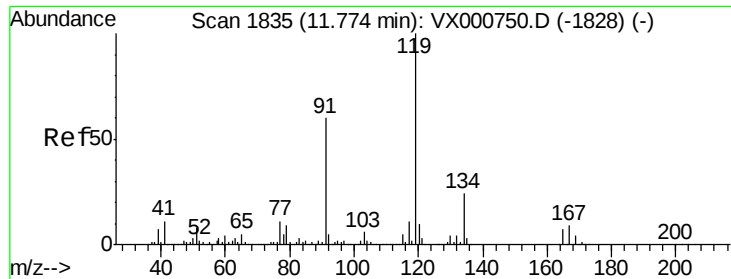
126 32.5 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

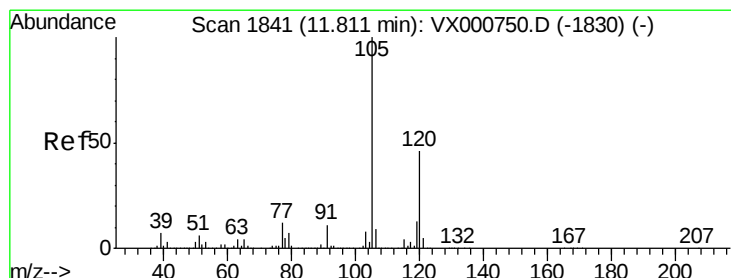
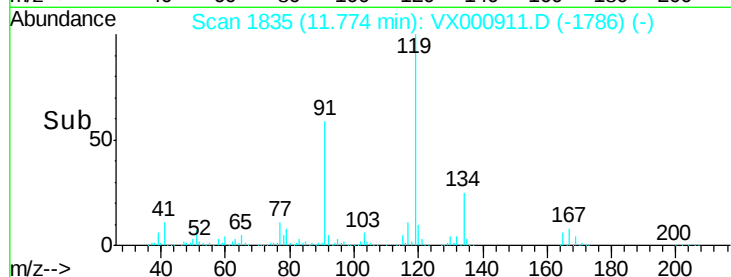
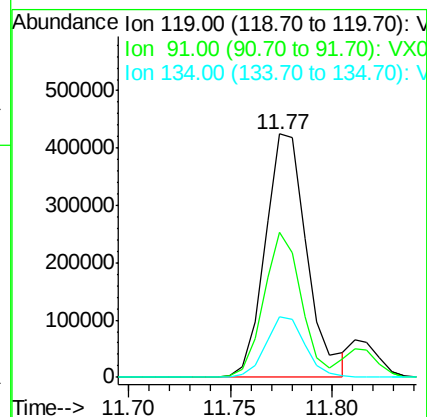
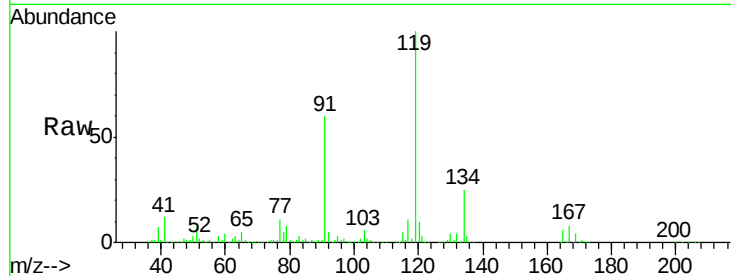




#83
 tert-Butylbenzene
 Concen: 49.69 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

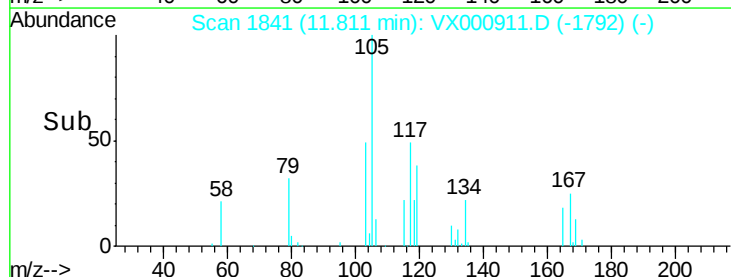
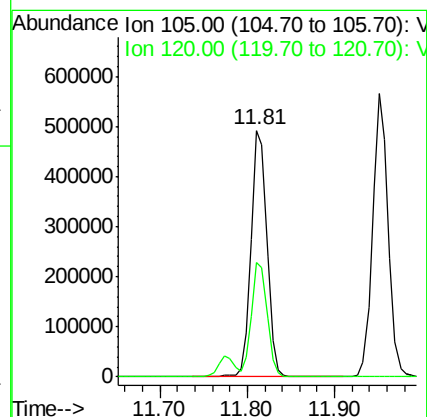
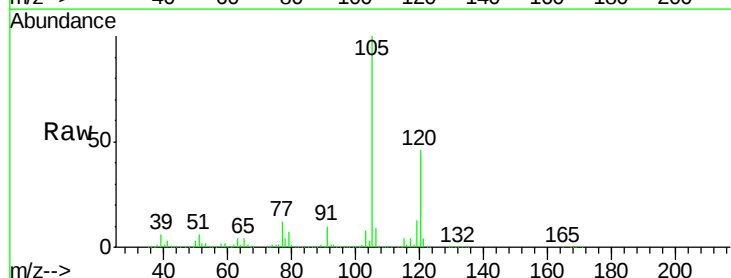
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

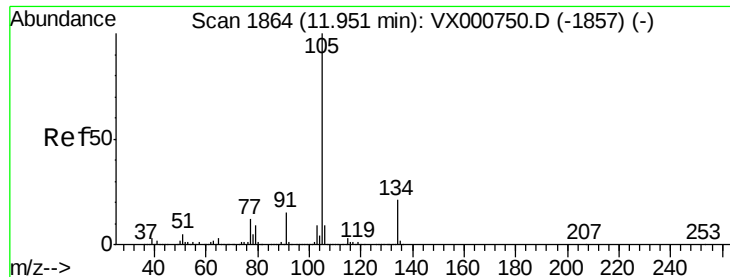
Tgt Ion:119 Resp: 605698
 Ion Ratio Lower Upper
 119 100
 91 53.5 26.8 80.3
 134 23.4 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion:105 Resp: 613489
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.3





#85

sec-Butylbenzene

Concen: 48.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

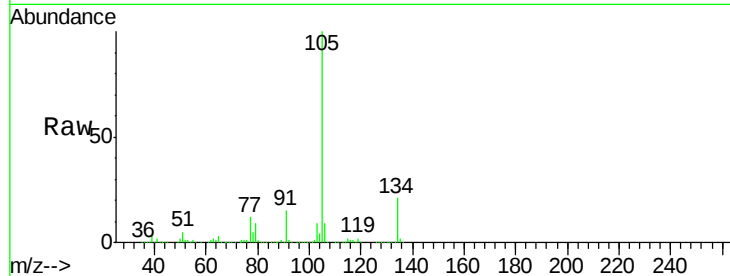
VSTDCCC050EC

Tgt Ion:105 Resp: 701993

Ion Ratio Lower Upper

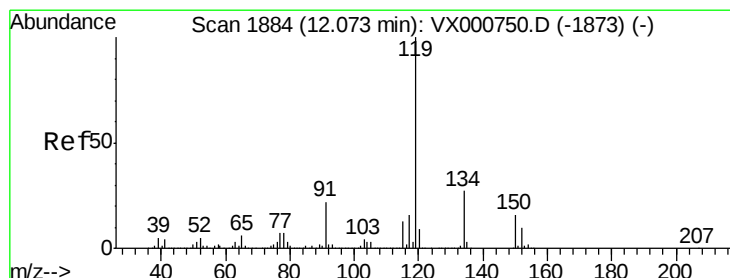
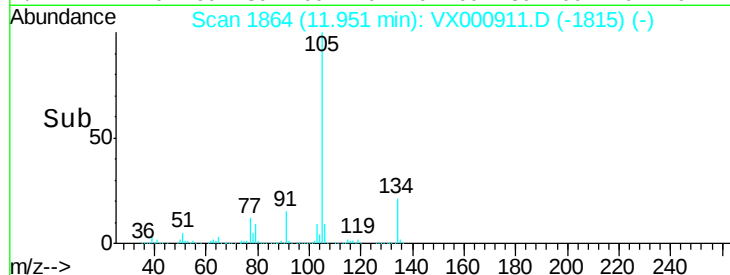
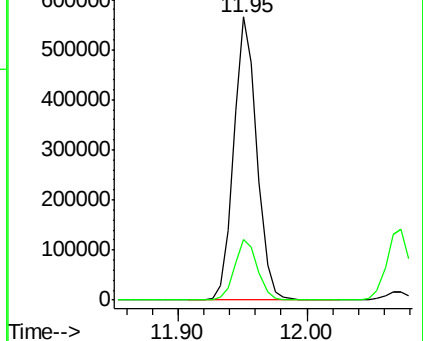
105 100

134 21.5 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: 48.41 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

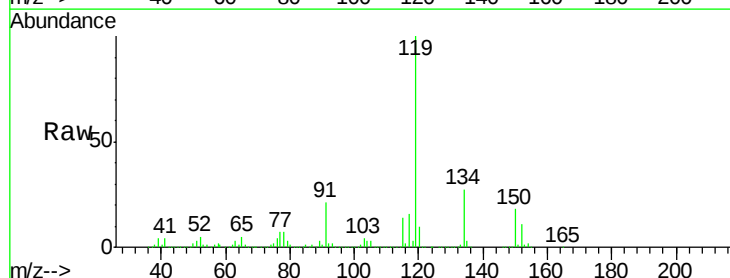
Tgt Ion:119 Resp: 649153

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

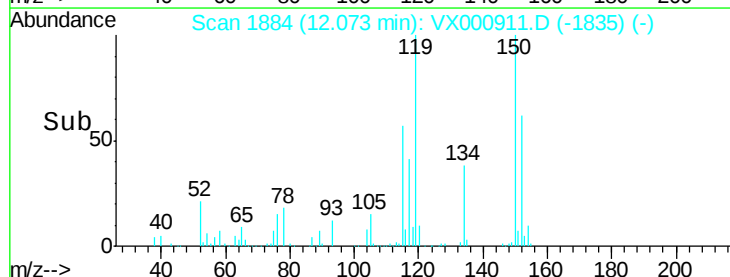
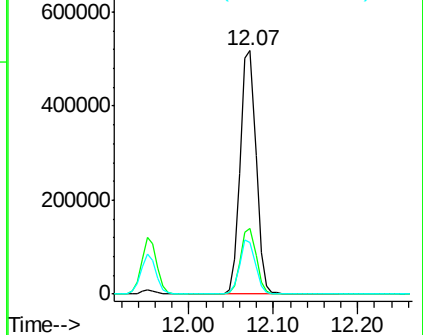
91 21.9 11.2 33.5

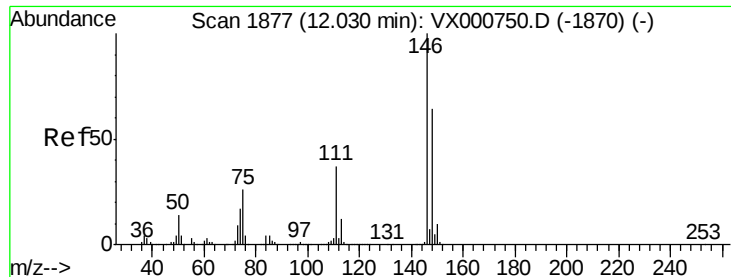


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.20 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

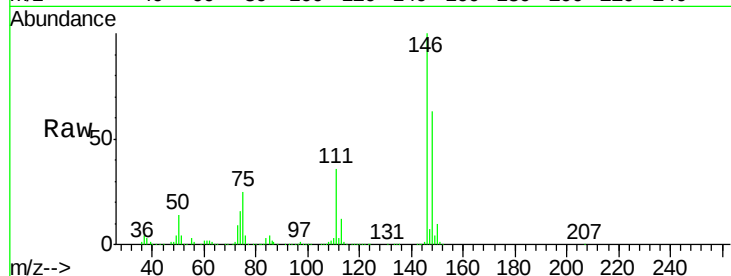
Tgt Ion:146 Resp: 377266

Ion Ratio Lower Upper

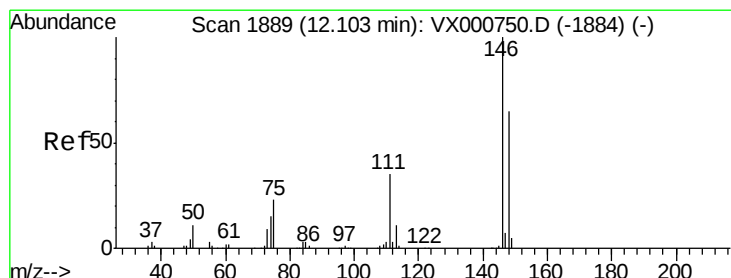
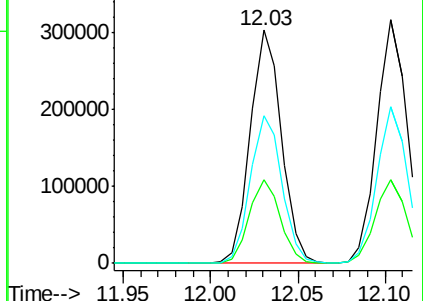
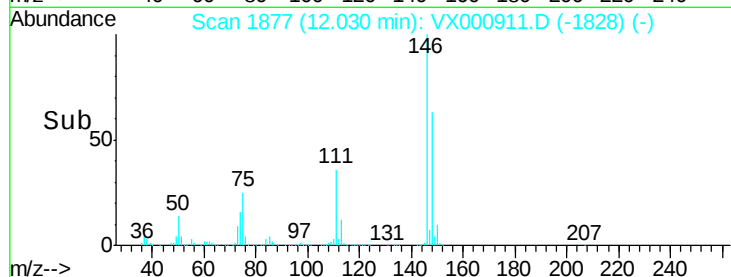
146 100

111 36.2 18.3 54.8

148 64.3 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 49.94 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

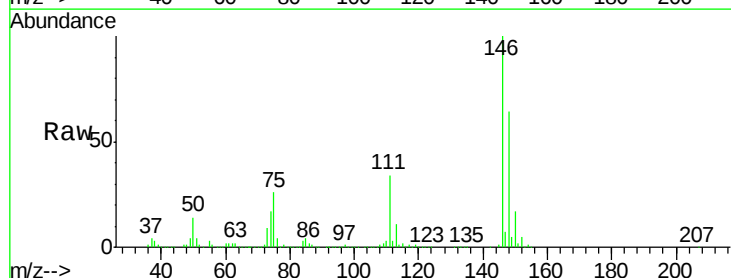
Tgt Ion:146 Resp: 384640

Ion Ratio Lower Upper

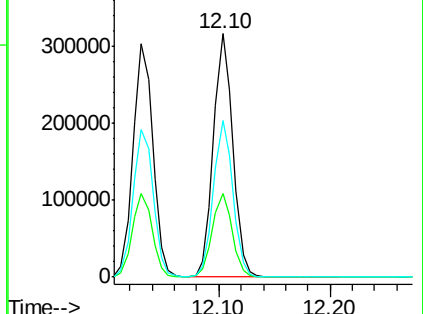
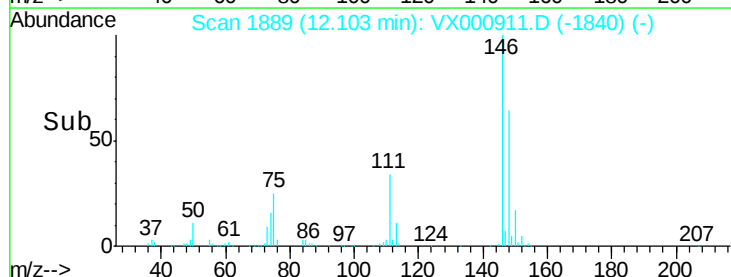
146 100

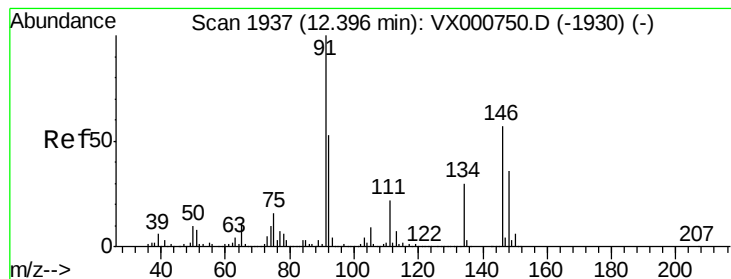
111 35.1 17.9 53.8

148 64.3 32.6 97.7



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





#89

n-Butylbenzene

Concen: 47.47 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

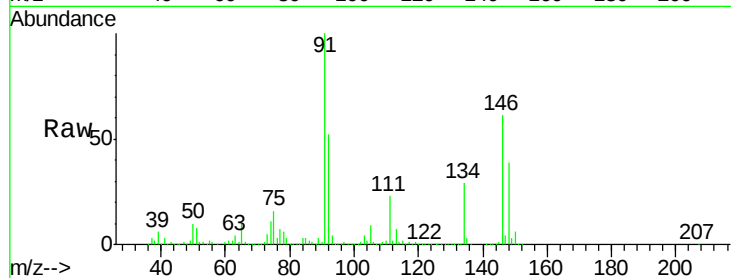
Tgt Ion: 91 Resp: 561836

Ion Ratio Lower Upper

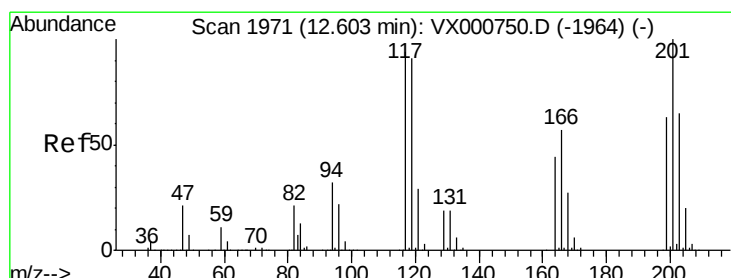
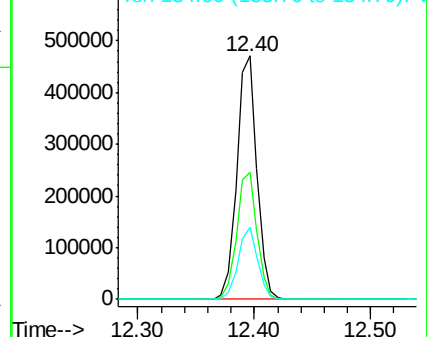
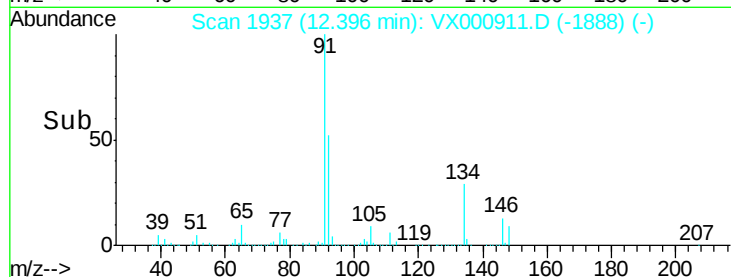
91 100

92 52.8 26.5 79.5

134 28.9 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VX000911.D (-1888) (-)



#90

Hexachloroethane

Concen: 43.42 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000911.D

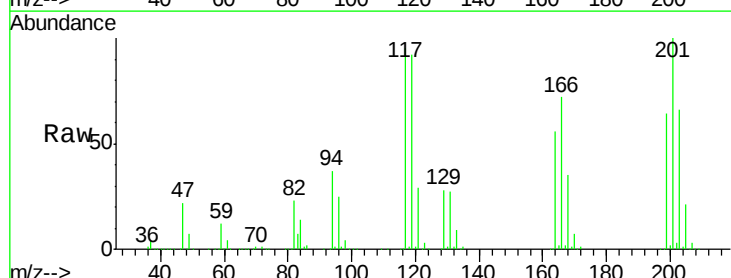
Acq: 15 Apr 2018 21:16

Tgt Ion: 117 Resp: 98523

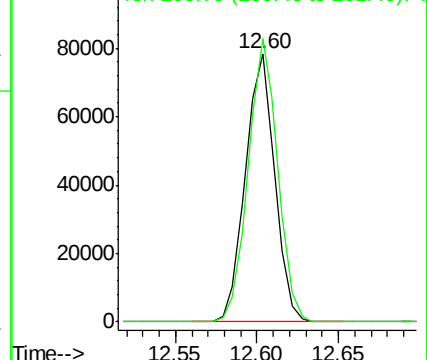
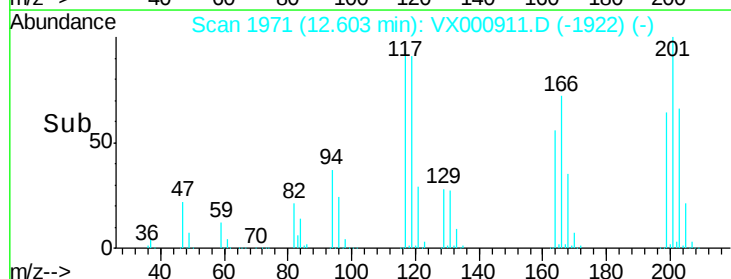
Ion Ratio Lower Upper

117 100

201 105.7 52.9 158.7



Abundance Ion 116.80 (116.50 to 117.50): VX000911.D (-1922) (-)

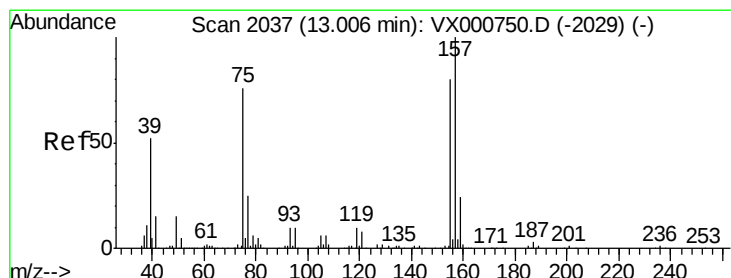
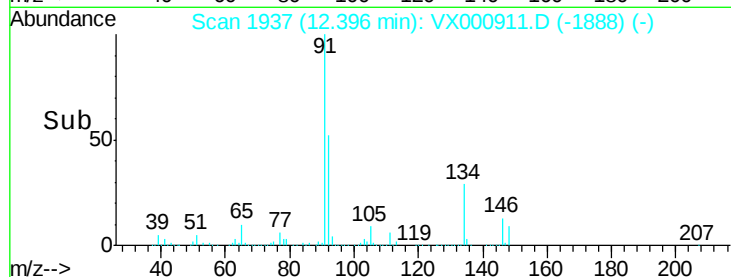
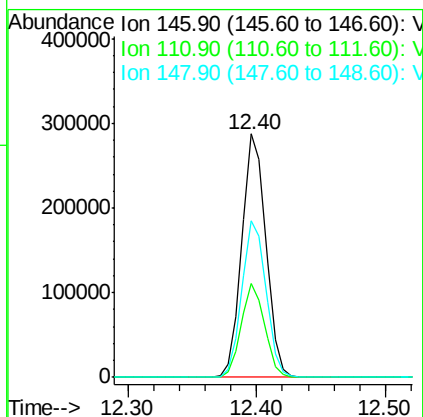
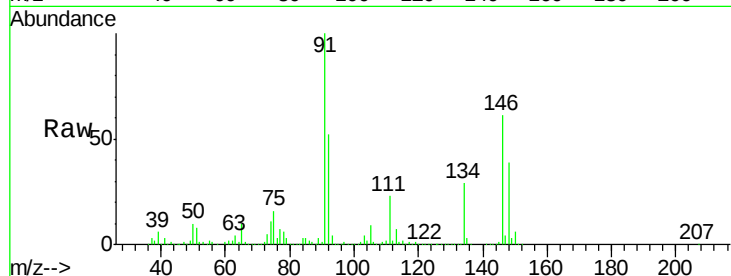




#91
 1,2-Dichlorobenzene
 Concen: 51.04 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

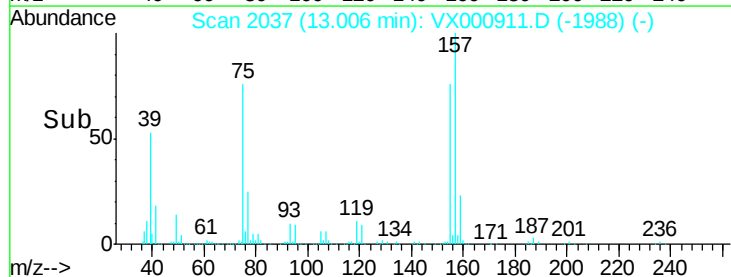
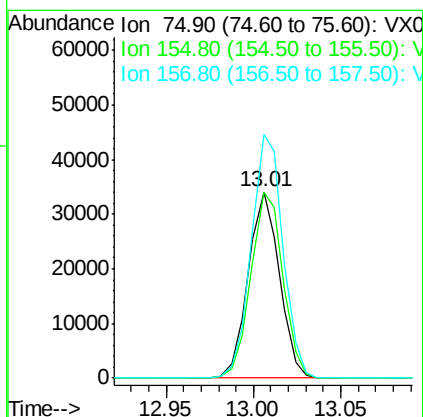
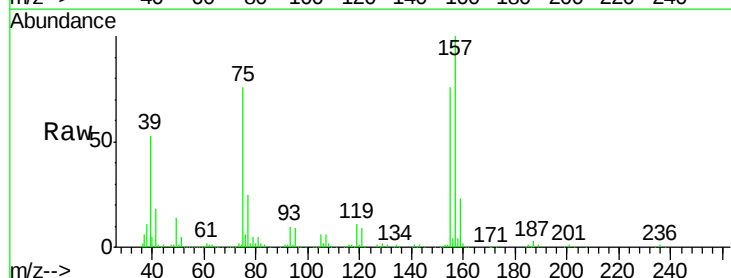
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

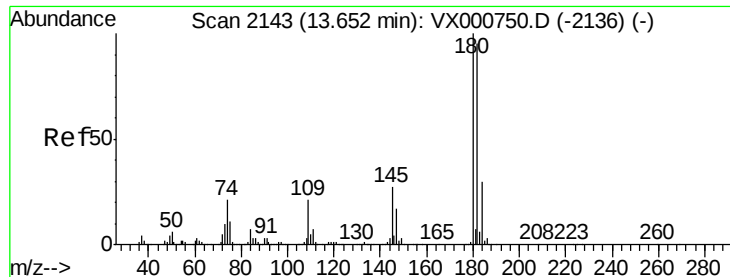
Tgt Ion:146 Resp: 370283
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.7
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.80 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion: 75 Resp: 42113
 Ion Ratio Lower Upper
 75 100
 155 103.0 51.9 155.8
 157 133.0 66.6 199.8

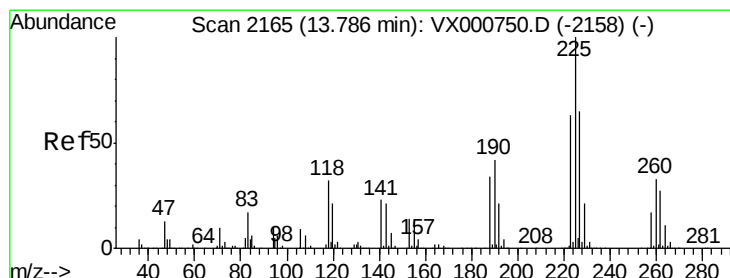
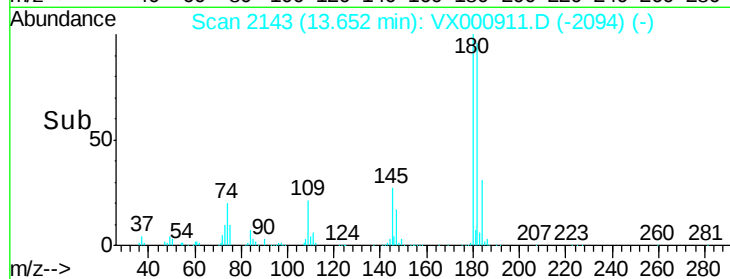
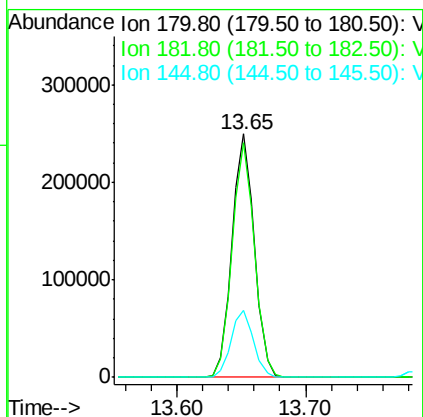
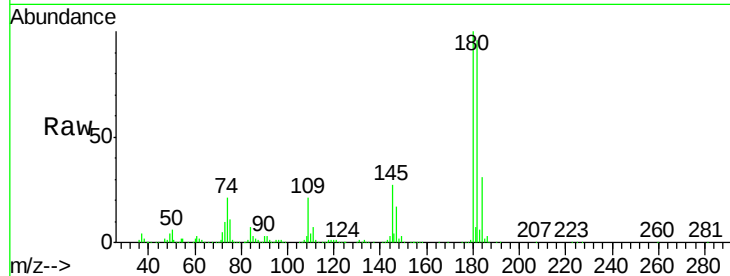




#93
 1,2,4-Trichlorobenzene
 Concen: 48.94 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

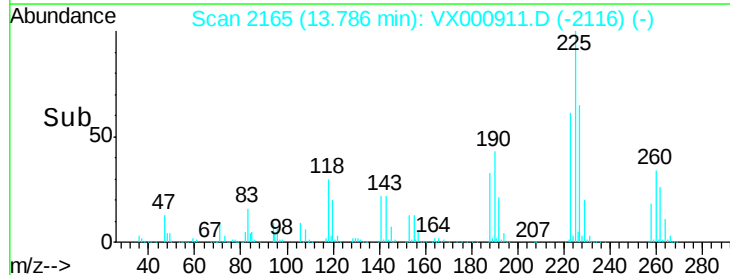
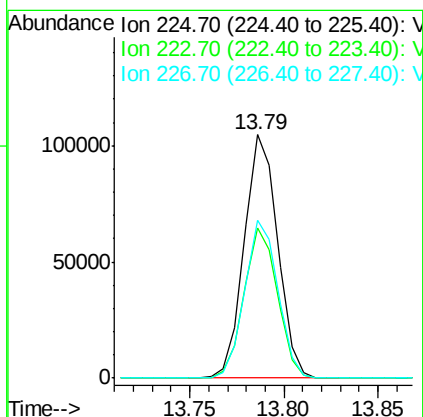
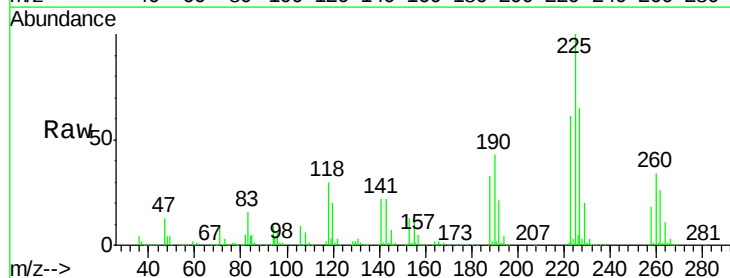
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

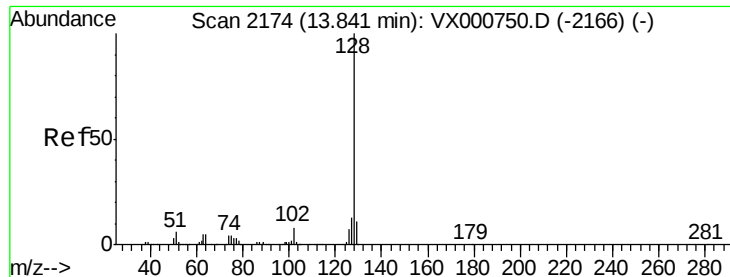
Tgt Ion:180 Resp: 302963
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.5 142.5
 145 27.5 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 42.32 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000911.D
 Acq: 15 Apr 2018 21:16

Tgt Ion:225 Resp: 128836
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.2 93.6
 227 64.6 32.3 96.9





#95

Naphthalene

Concen: 48.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

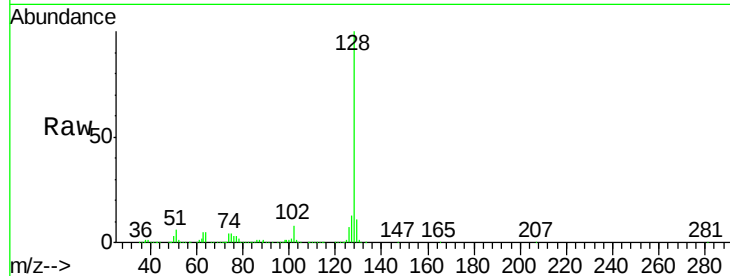
Tgt Ion:128 Resp: 776921

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

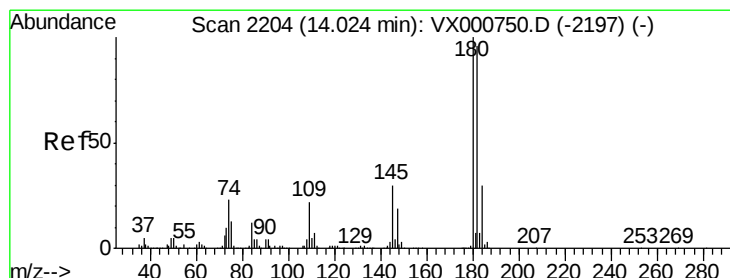
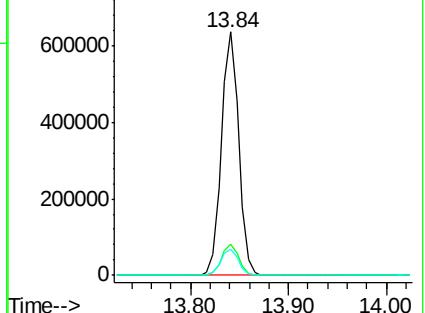
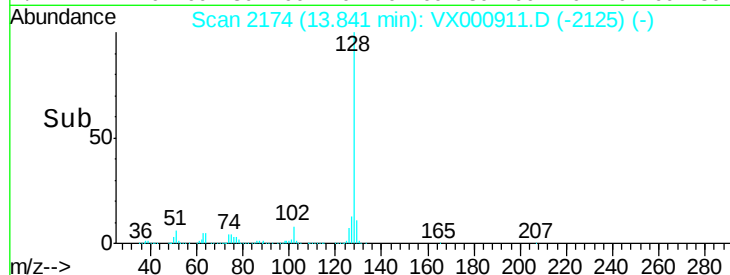
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.24 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000911.D

Acq: 15 Apr 2018 21:16

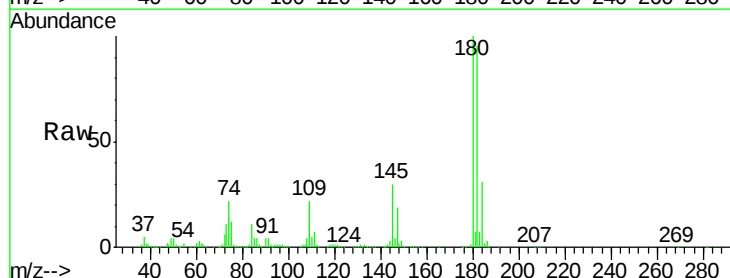
Tgt Ion:180 Resp: 296049

Ion Ratio Lower Upper

180 100

182 95.7 48.4 145.2

145 29.0 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

