

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001184.D
 Acq On : 27 Apr 2018 21:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 28 03:12:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	250877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	243905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165164	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	139308	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.51	113	112318	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	8.72	98	413393	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	11.14	95	161145	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	97763	50.487	ug/l	99
3) Chloromethane	1.32	50	94154	46.429	ug/l	100
4) Vinyl Chloride	1.40	62	109720	50.994	ug/l	98
5) Bromomethane	1.64	94	86099	66.153	ug/l	100
6) Chloroethane	1.72	64	71040	52.457	ug/l	99
7) Trichlorofluoromethane	1.93	101	185837	53.481	ug/l	98
8) Diethyl Ether	2.19	74	69715	52.180	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102015	53.284	ug/l	99
10) Methyl Iodide	2.51	142	70051	37.336	ug/l	99
11) Tert butyl alcohol	3.08	59	121298	214.908	ug/l	98
12) 1,1-Dichloroethene	2.37	96	95393	51.089	ug/l	97
13) Acrolein	2.30	56	40202	188.412	ug/l	98
14) Allyl chloride	2.73	41	179786	52.783	ug/l	98
15) Acrylonitrile	3.15	53	284831	236.319	ug/l	98
16) Acetone	2.45	43	265283	225.390	ug/l	99
17) Carbon Disulfide	2.57	76	236984	49.743	ug/l	99
18) Methyl Acetate	2.78	43	147340	50.027	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	356244	51.830	ug/l	98
20) Methylene Chloride	2.86	84	110448	50.385	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	105771	51.245	ug/l	98
22) Diisopropyl ether	3.88	45	349052	51.217	ug/l	94
23) Vinyl Acetate	3.83	43	1506590	260.580	ug/l	100
24) 1,1-Dichloroethane	3.70	63	183582	51.253	ug/l	99
25) 2-Butanone	4.71	43	393409	223.389	ug/l	99
26) 2,2-Dichloropropane	4.59	77	132202	46.891	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	117170	51.847	ug/l	99
28) Bromochloromethane	5.03	49	90693	56.471	ug/l	99
29) Tetrahydrofuran	5.17	42	255850	225.955	ug/l	99
30) Chloroform	5.23	83	203554	53.440	ug/l	100
31) Cyclohexane	5.58	56	154984	50.928	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	173691	52.824	ug/l	98
36) 1,1-Dichloropropene	5.81	75	141926	51.337	ug/l	100
37) Ethyl Acetate	4.87	43	158714	47.940	ug/l	99
38) Carbon Tetrachloride	5.79	117	154282	54.425	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	158170	51.695	ug/l	98
40) Benzene	6.15	78	432704	54.105	ug/l	99
41) Methacrylonitrile	5.07	41	91059	48.948	ug/l	99
42) 1,2-Dichloroethane	6.21	62	173100	53.713	ug/l	99
43) Isopropyl Acetate	6.48	43	261776	50.347	ug/l	99
44) Trichloroethene	7.22	130	128541	53.951	ug/l	98
45) 1,2-Dichloropropane	7.52	63	112585	53.525	ug/l	98
46) Dibromomethane	7.67	93	80350	55.164	ug/l	99
47) Bromodichloromethane	7.91	83	148147	55.979	ug/l	99
48) Methyl methacrylate	7.79	41	141105	51.056	ug/l	99
49) 1,4-Dioxane	7.76	88	50768	917.512	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	870495	254.873	ug/l	97
52) Toluene	8.79	92	285884	54.664	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	171511	55.747	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	163023	48.885	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	119776	54.133	ug/l	98
56) Ethyl methacrylate	9.19	69	179422	54.730	ug/l	98
57) 1,3-Dichloropropane	9.38	76	192218	53.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	396997	256.157	ug/l	100
59) 2-Hexanone	9.51	43	663794	248.050	ug/l	99
60) Dibromochloromethane	9.59	129	129713	50.175	ug/l	100
61) 1,2-Dibromoethane	9.68	107	128082	55.253	ug/l	99
64) Tetrachloroethene	9.34	164	137262	52.723	ug/l	98
65) Chlorobenzene	10.15	112	335516	52.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	126776	57.341	ug/l	99
67) Ethyl Benzene	10.26	91	553440	53.304	ug/l	98
68) m/p-Xylenes	10.37	106	439732	107.130	ug/l	98
69) o-Xylene	10.71	106	216315	54.334	ug/l	100
70) Styrene	10.72	104	362428	54.700	ug/l	100
71) Bromoform	10.87	173	104335	45.371	ug/l	99
73) Isopropylbenzene	11.02	105	570456	52.991	ug/l	100
74) N-amyl acetate	6.48	43	261776	48.257	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	183008	51.237	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	201171	59.816	ug/l	90
77) Bromobenzene	11.26	156	170273	53.338	ug/l	99
78) n-propylbenzene	11.37	91	641959	53.479	ug/l	100
79) 2-Chlorotoluene	11.43	91	385868	51.856	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	493135	54.105	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42468	41.164	ug/l	98
82) 4-Chlorotoluene	11.52	91	468124	52.927	ug/l	100
83) tert-Butylbenzene	11.77	119	488950	53.756	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	509693	54.406	ug/l	100
85) sec-Butylbenzene	11.95	105	568844	53.536	ug/l	100
86) p-Isopropyltoluene	12.07	119	528320	53.451	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	304265	53.090	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	311040	52.090	ug/l	100
89) n-Butylbenzene	12.39	91	448428	52.418	ug/l	100
90) Hexachloroethane	12.60	117	75885	47.739	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	306331	52.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39106	49.611	ug/l	96

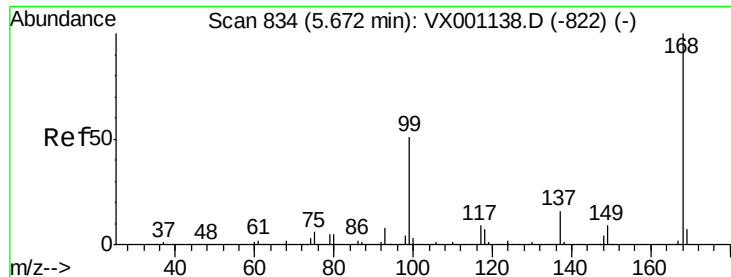
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	231583	50.999	ug/l	100
94) Hexachlorobutadiene	13.79	225	101771	47.678	ug/l	99
95) Naphthalene	13.84	128	652059	51.537	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	231959	51.331	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

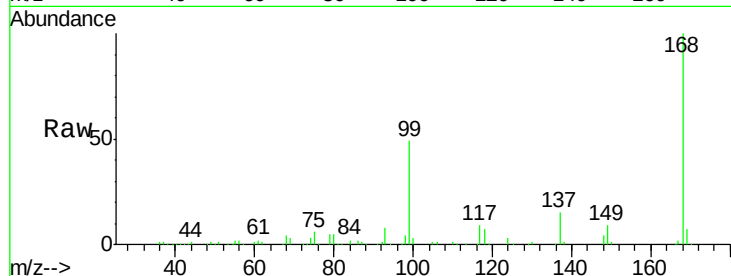
VSTDCCC050EC

Tgt Ion:168 Resp: 184641

Ion Ratio Lower Upper

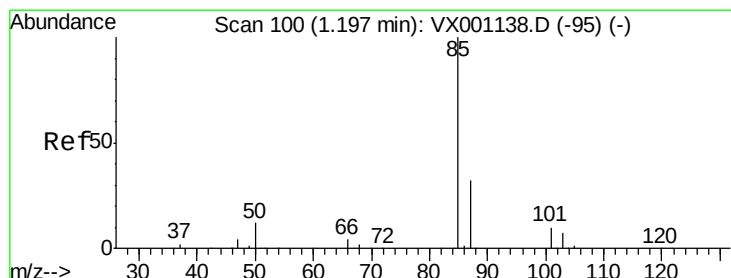
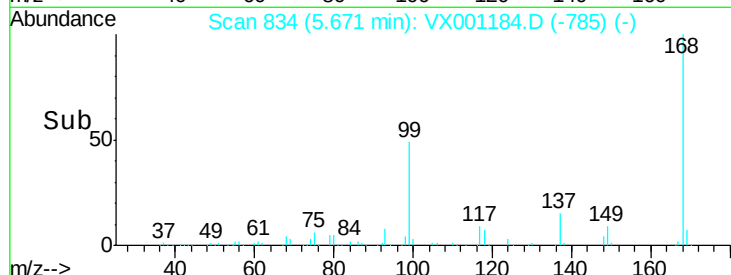
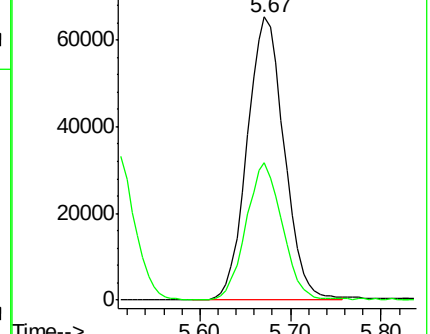
168 100

99 48.4 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.487 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001184.D

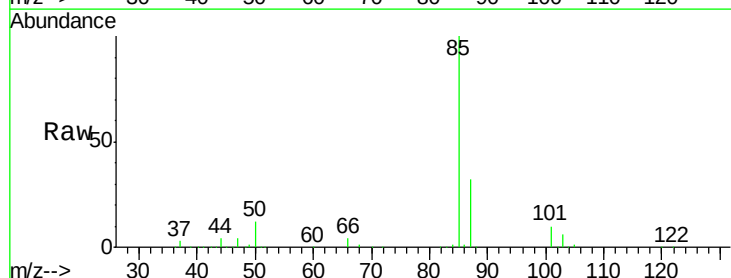
Acq: 27 Apr 2018 21:10

Tgt Ion: 85 Resp: 97763

Ion Ratio Lower Upper

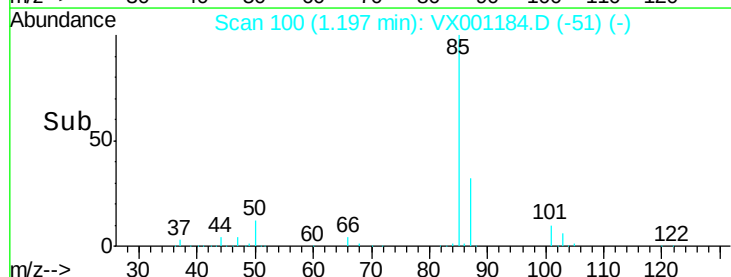
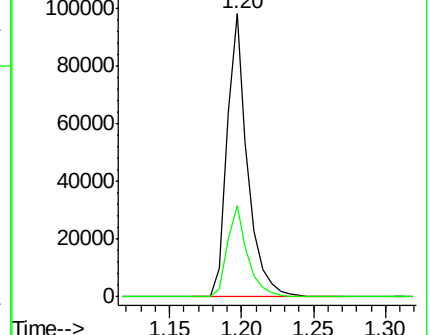
85 100

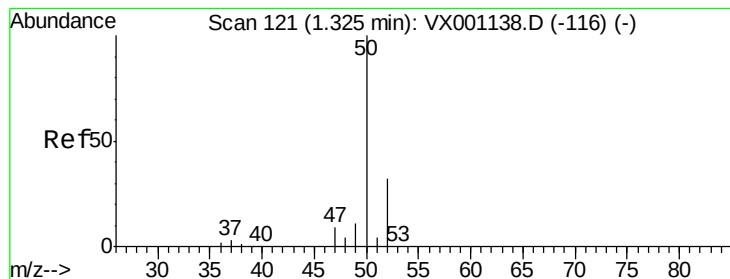
87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.429 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

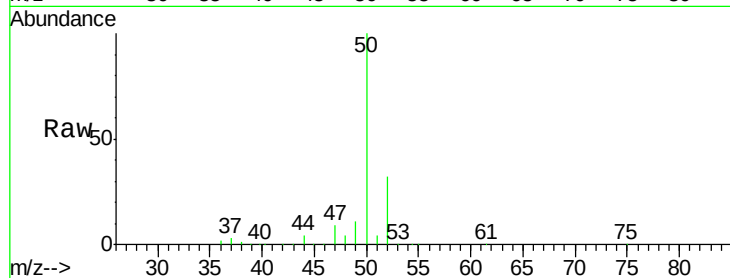
VSTDCCC050EC

Tgt Ion: 50 Resp: 94154

Ion Ratio Lower Upper

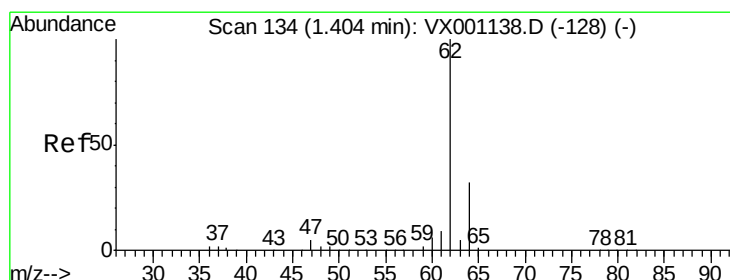
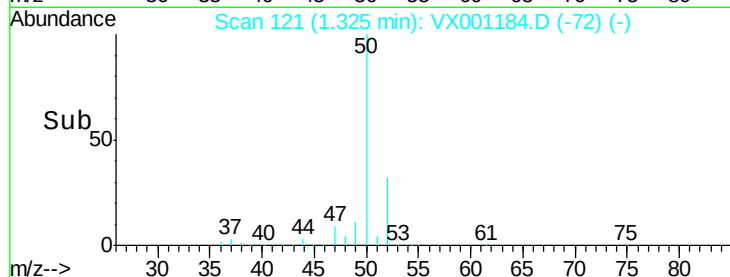
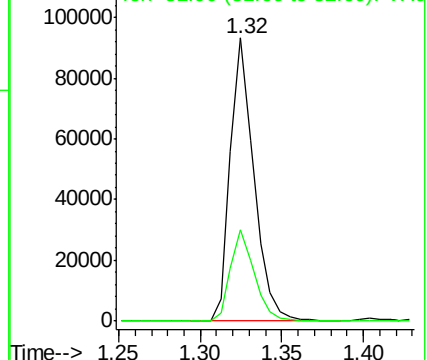
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.994 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001184.D

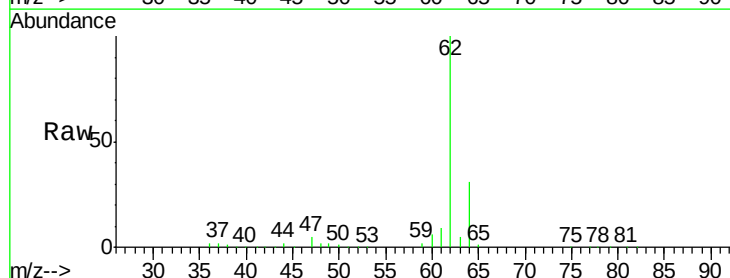
Acq: 27 Apr 2018 21:10

Tgt Ion: 62 Resp: 109720

Ion Ratio Lower Upper

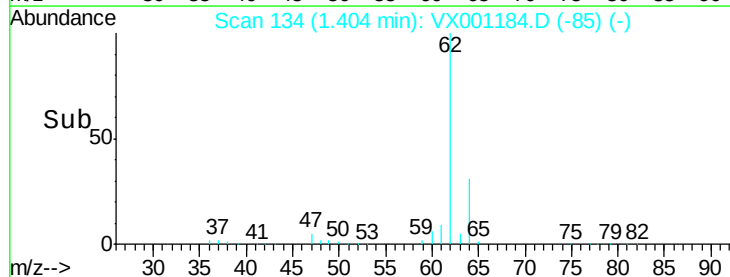
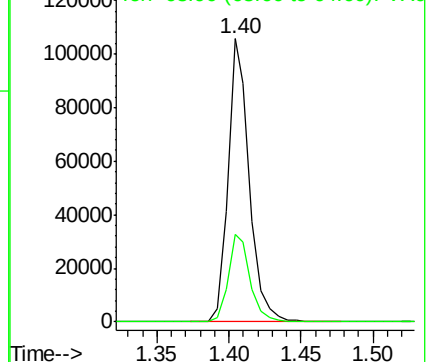
62 100

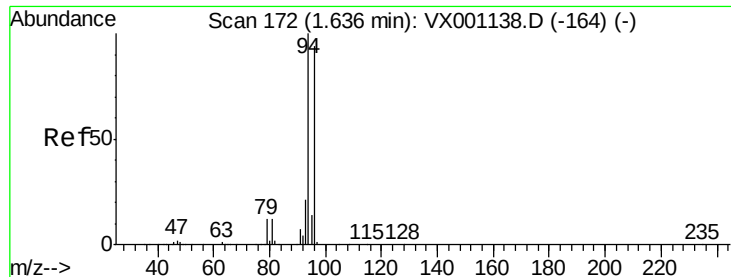
64 30.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 66.153 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

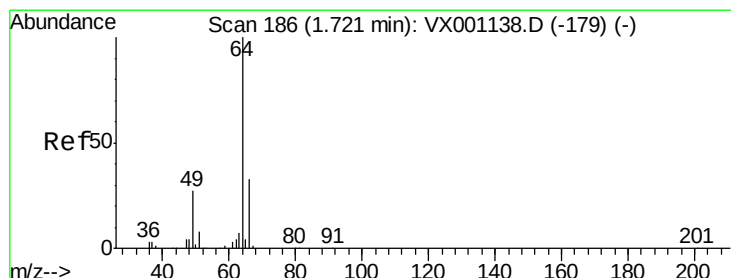
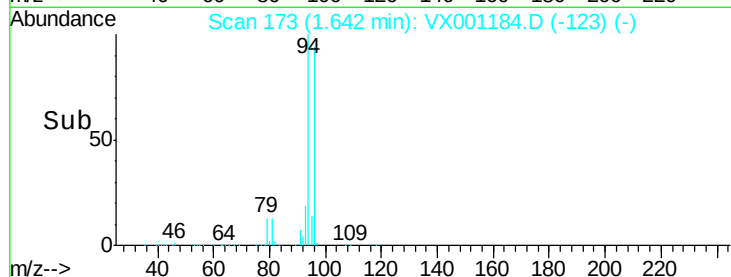
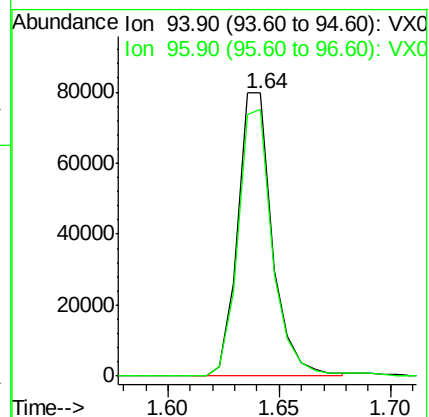
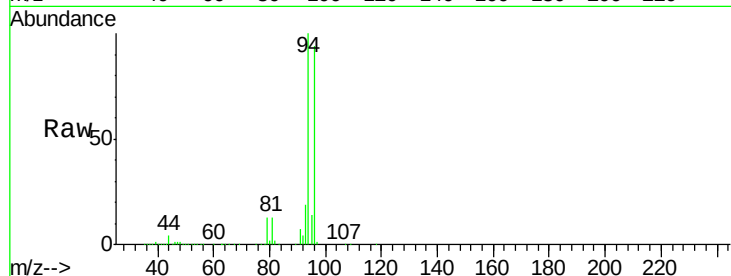
VSTDCCC050EC

Tgt Ion: 94 Resp: 86099

Ion Ratio Lower Upper

94 100

96 94.1 75.3 112.9



#6

Chloroethane

Concen: 52.457 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001184.D

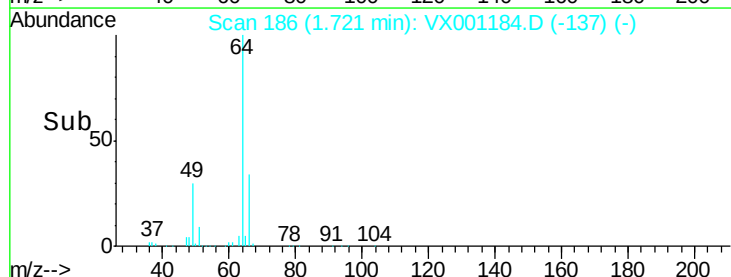
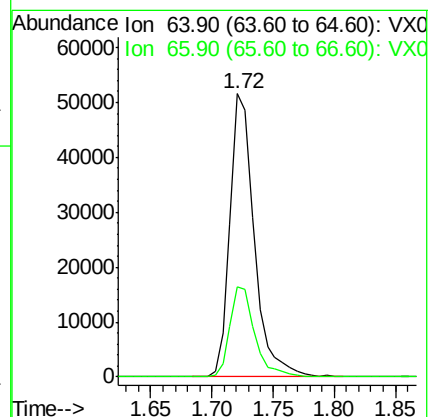
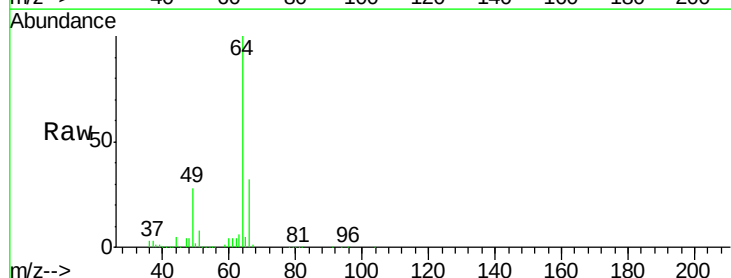
Acq: 27 Apr 2018 21:10

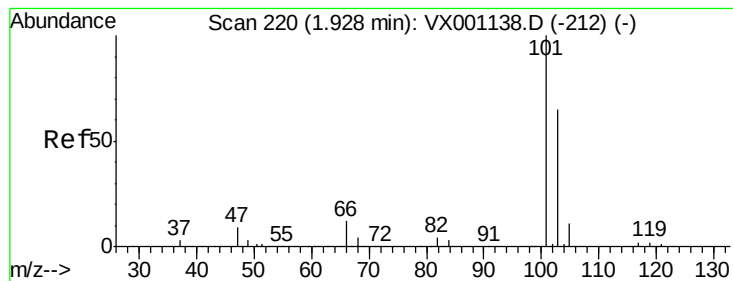
Tgt Ion: 64 Resp: 71040

Ion Ratio Lower Upper

64 100

66 31.8 26.1 39.1



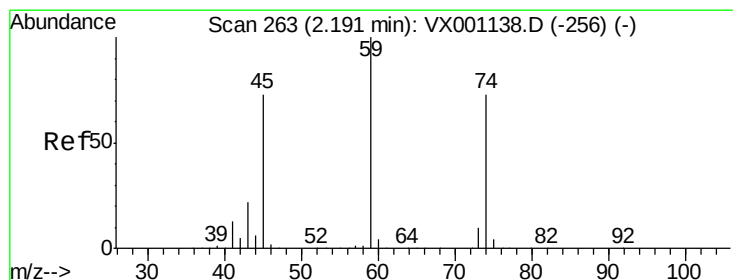
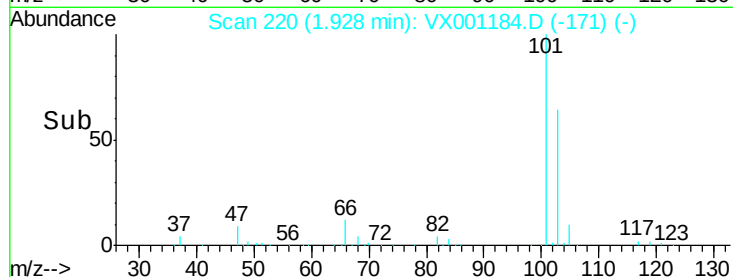
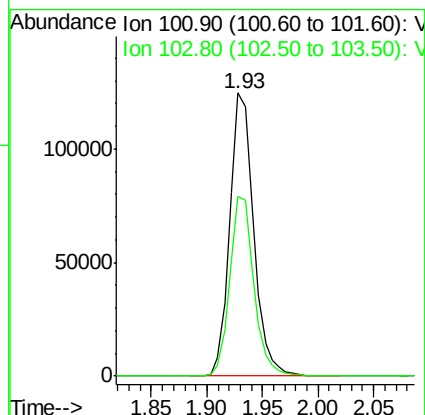
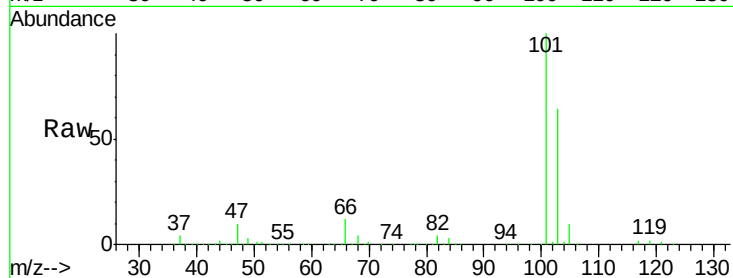


#7

Trichlorofluoromethane
Concen: 53.481 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
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VSTDCCC050EC

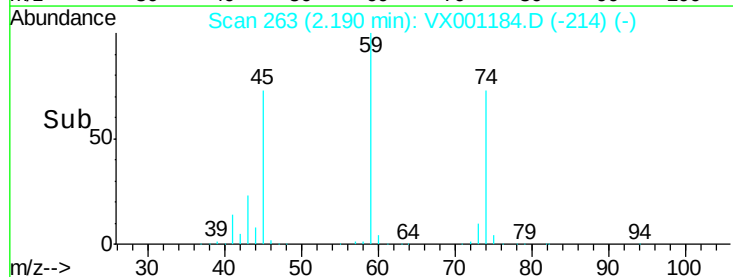
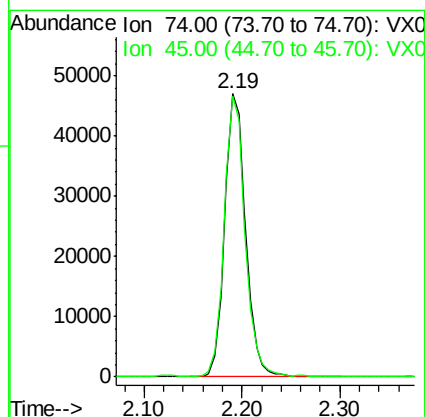
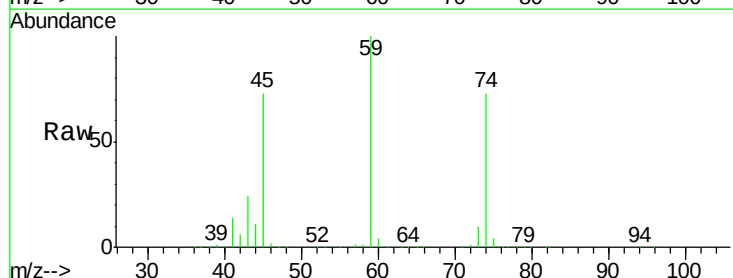
Tgt Ion: 101 Resp: 185837
Ion Ratio Lower Upper
101 100
103 63.5 51.9 77.9

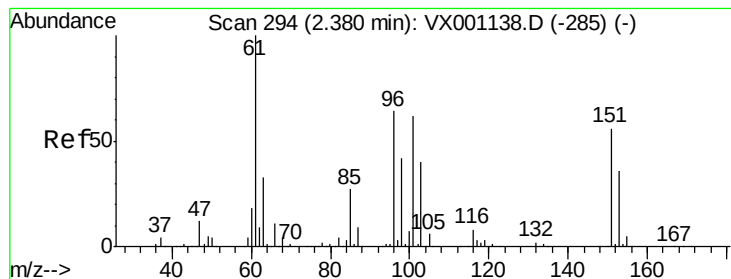


#8

Diethyl Ether
Concen: 52.180 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 74 Resp: 69715
Ion Ratio Lower Upper
74 100
45 98.2 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.284 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

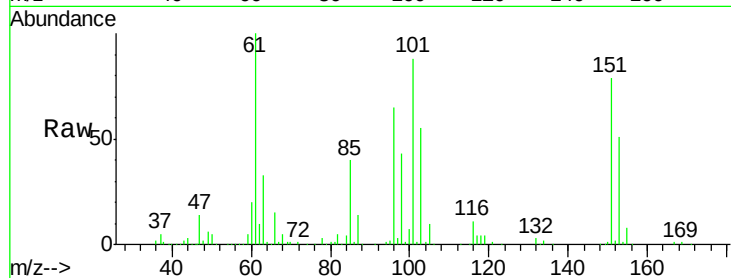
Tgt Ion:101 Resp: 102015

Ion Ratio Lower Upper

101 100

85 44.3 35.4 53.0

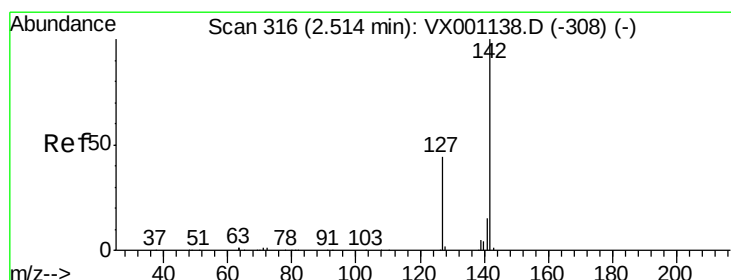
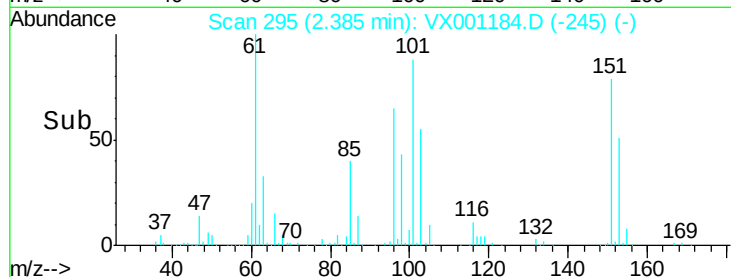
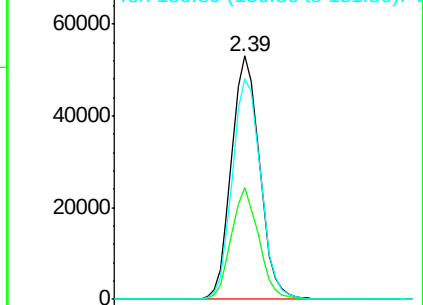
151 91.4 74.2 111.4



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: 37.336 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

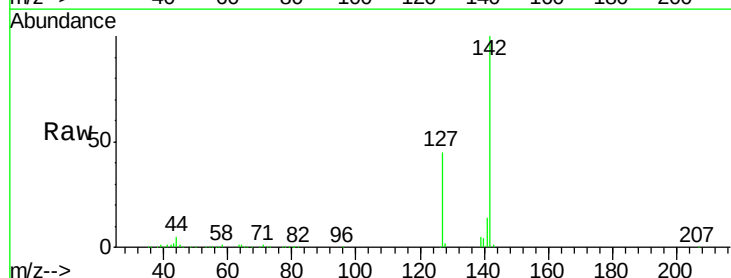
Tgt Ion:142 Resp: 70051

Ion Ratio Lower Upper

142 100

127 43.9 34.7 52.1

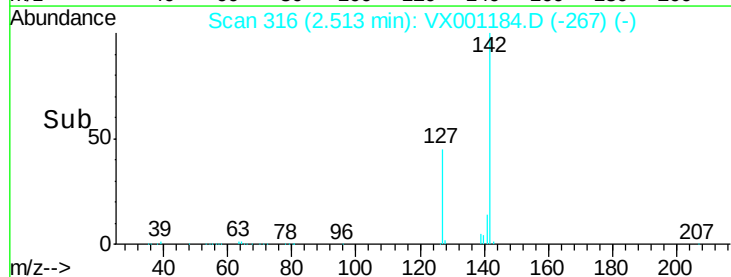
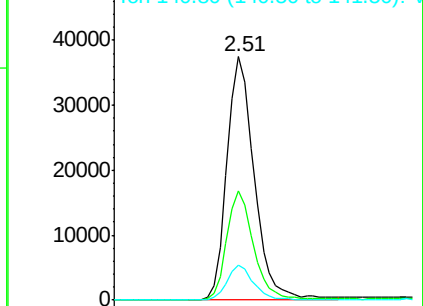
141 13.8 11.6 17.4

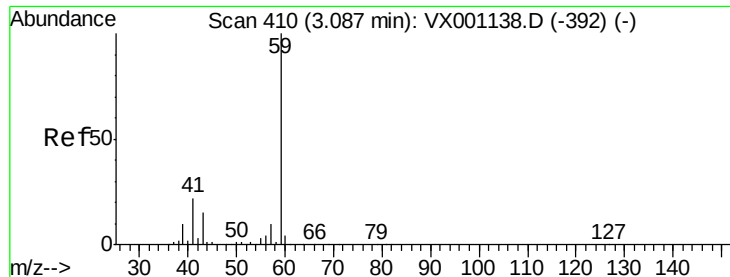


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

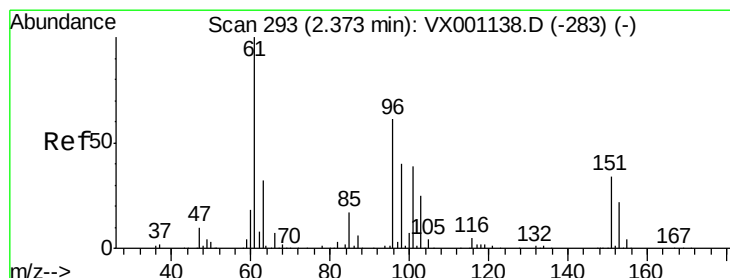
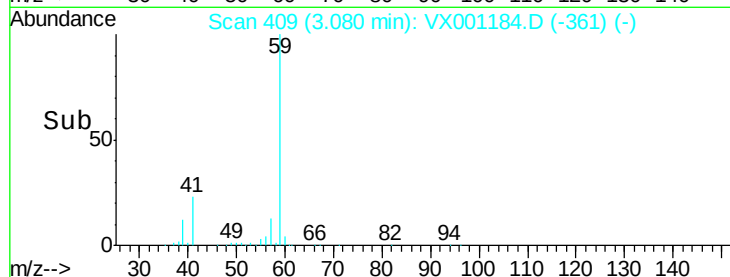
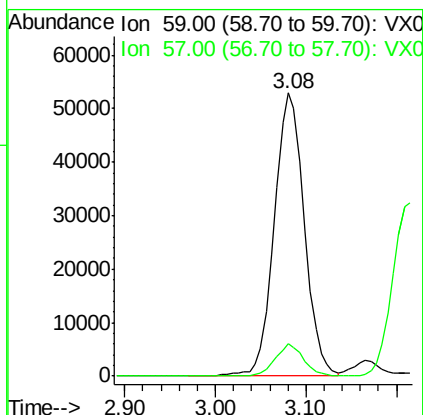
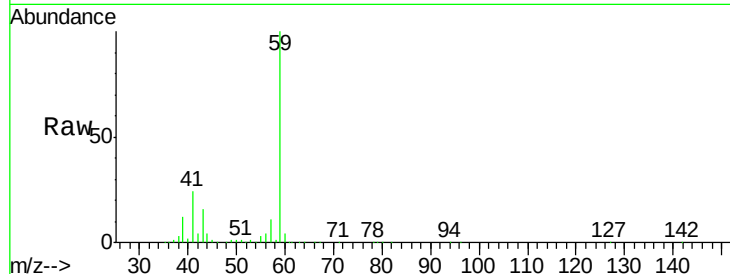




#11
Tert butyl alcohol
Concen: 214.908 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

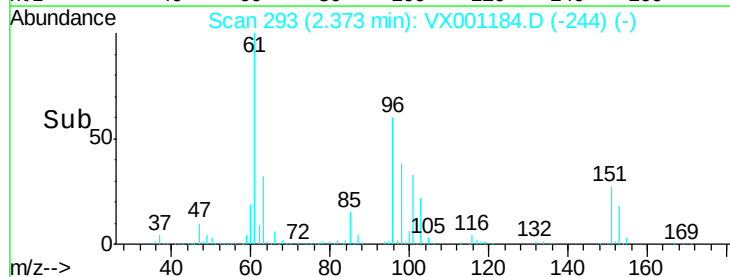
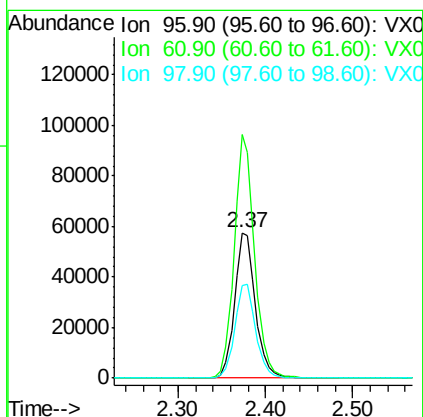
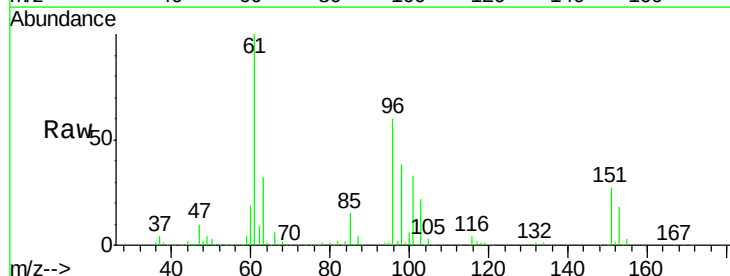
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

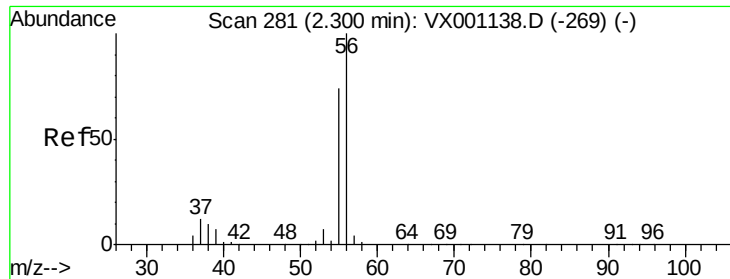
Tgt Ion: 59 Resp: 121298
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.089 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 96 Resp: 95393
Ion Ratio Lower Upper
96 100
61 167.1 130.2 195.4
98 63.3 51.5 77.3





#13

Acrolein

Concen: 188.412 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

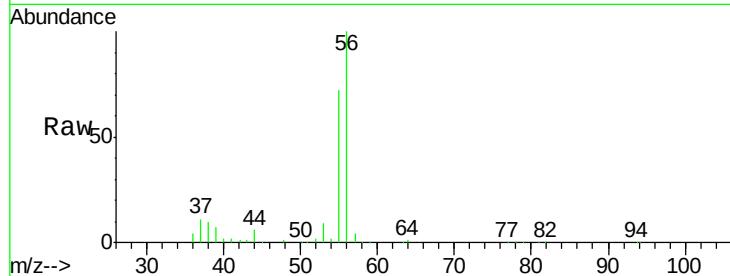
VSTDCCC050EC

Tgt Ion: 56 Resp: 40202

Ion Ratio Lower Upper

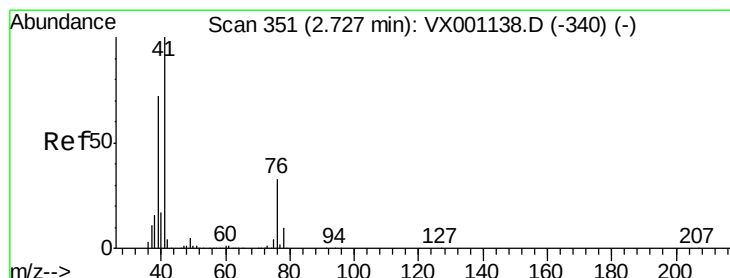
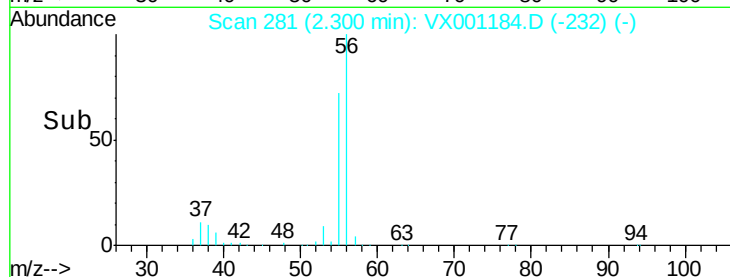
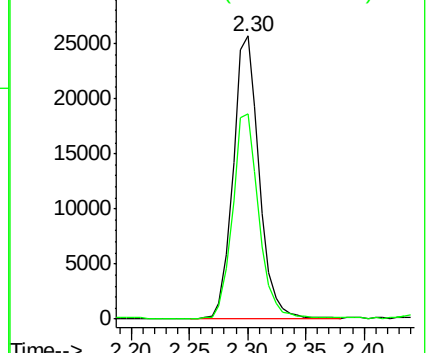
56 100

55 73.2 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.783 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

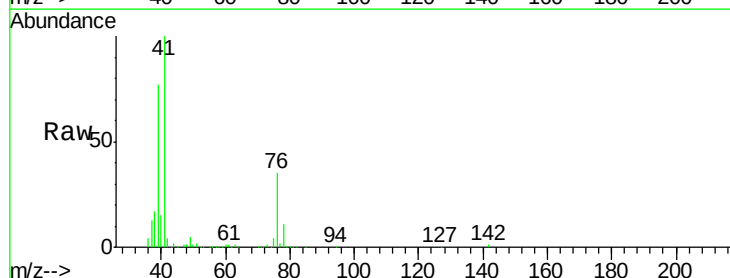
Tgt Ion: 41 Resp: 179786

Ion Ratio Lower Upper

41 100

39 71.9 55.6 83.4

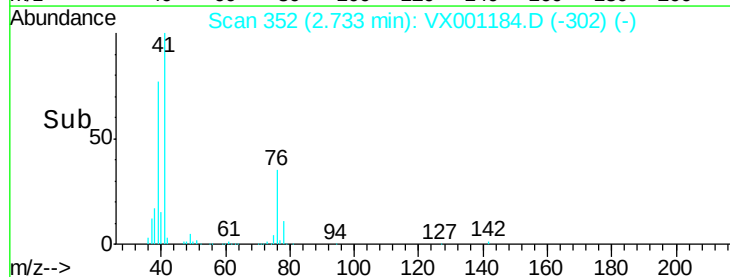
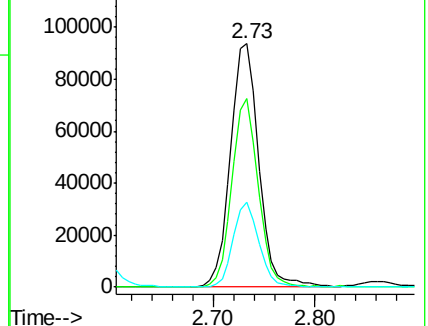
76 31.4 24.8 37.2

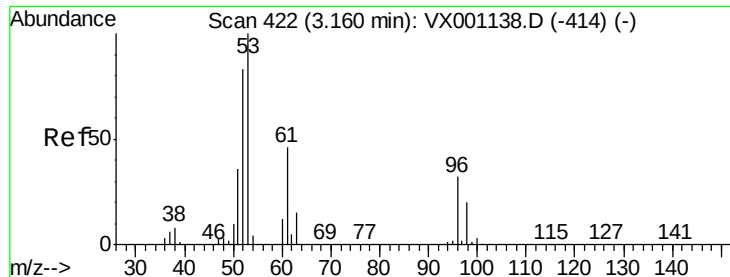


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 236.319 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

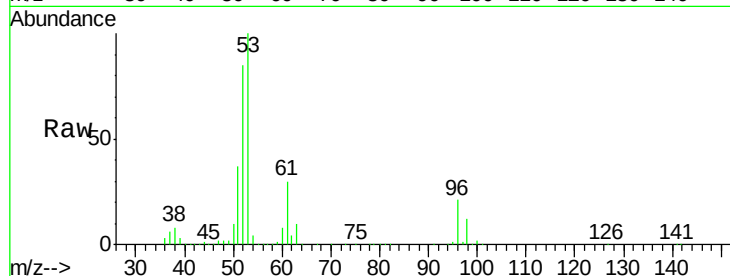
Tgt Ion: 53 Resp: 284831

Ion Ratio Lower Upper

53 100

52 84.4 66.5 99.7

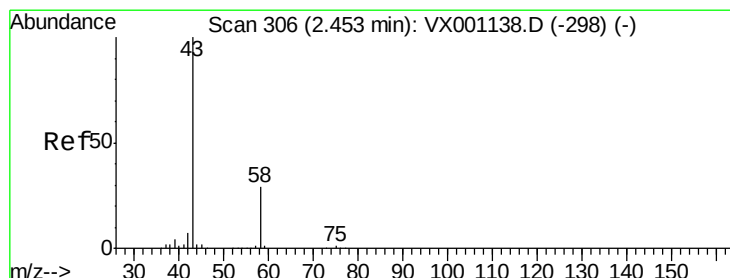
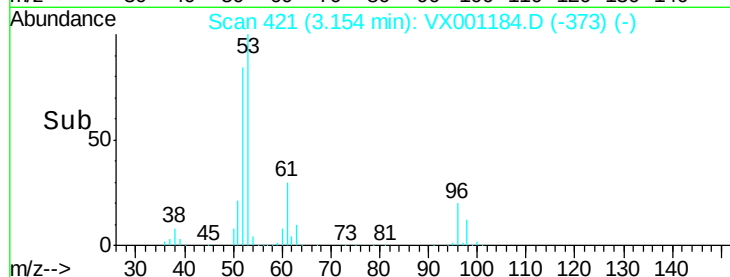
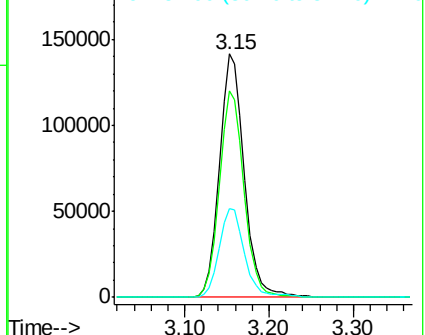
51 38.0 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 225.390 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001184.D

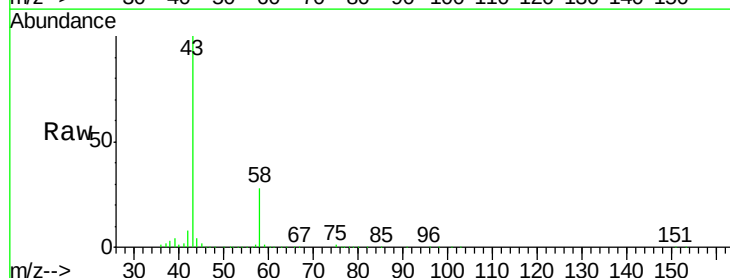
Acq: 27 Apr 2018 21:10

Tgt Ion: 43 Resp: 265283

Ion Ratio Lower Upper

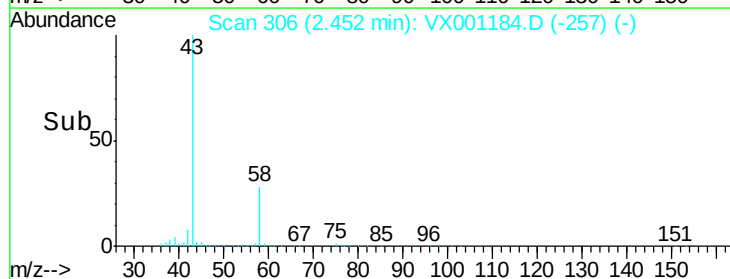
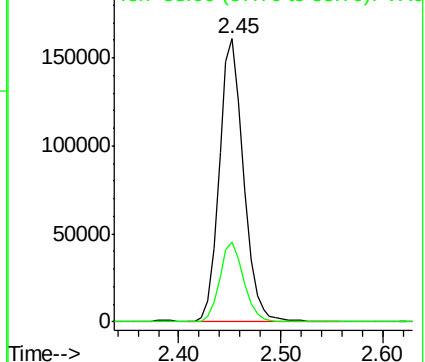
43 100

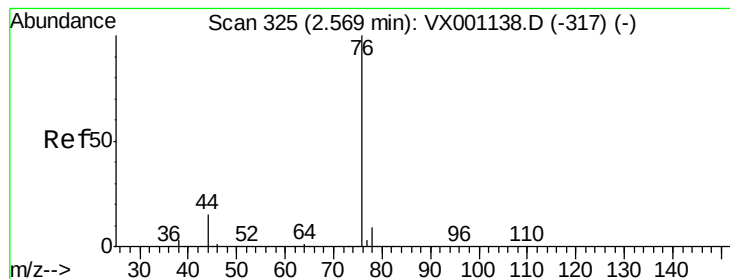
58 28.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.743 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

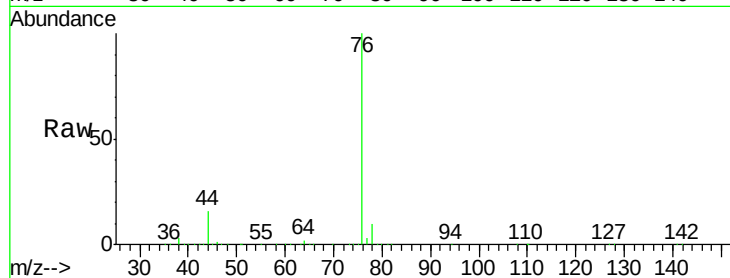
VSTDCCC050EC

Tgt Ion: 76 Resp: 236984

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

0

Time-->

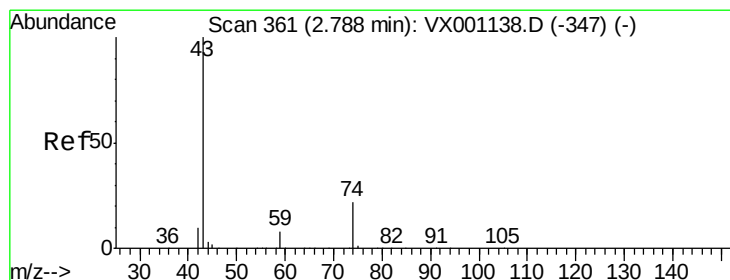
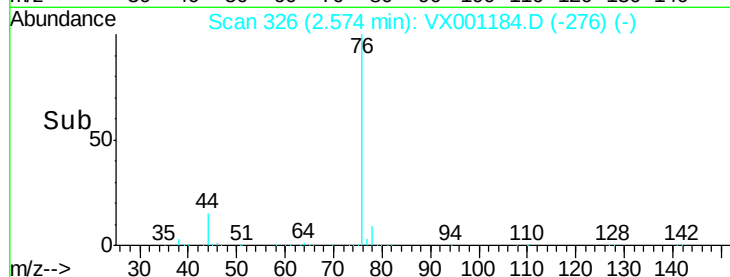
2.50

2.60

2.70

2.80

2.90



#18

Methyl Acetate

Concen: 50.027 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX001184.D

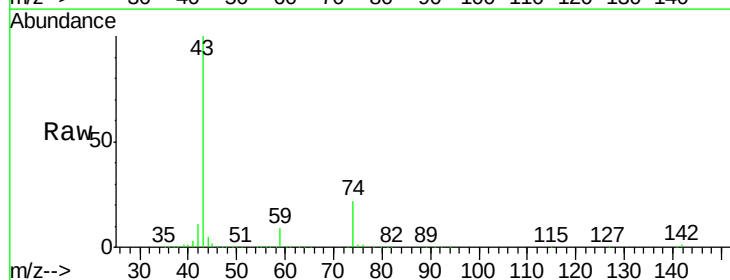
Acq: 27 Apr 2018 21:10

Tgt Ion: 43 Resp: 147340

Ion Ratio Lower Upper

43 100

74 22.0 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

40000

20000

0

Time-->

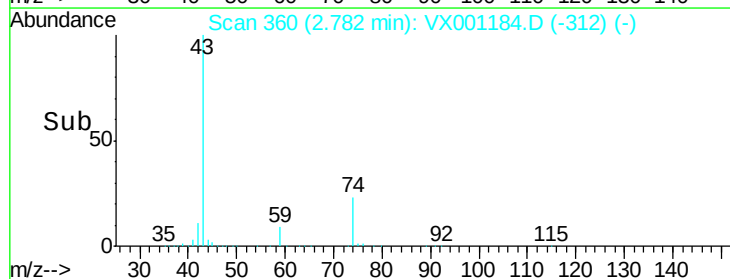
2.70

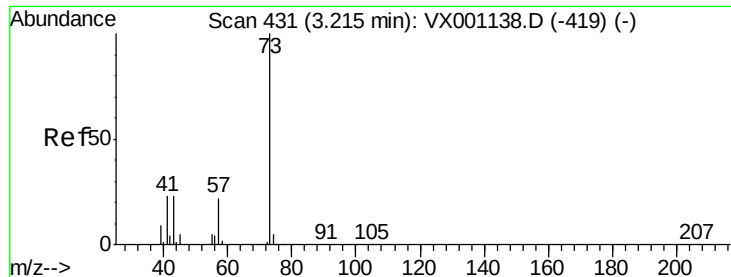
2.75

2.80

2.85

2.90

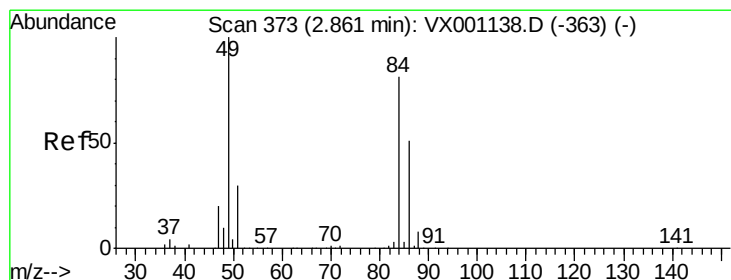
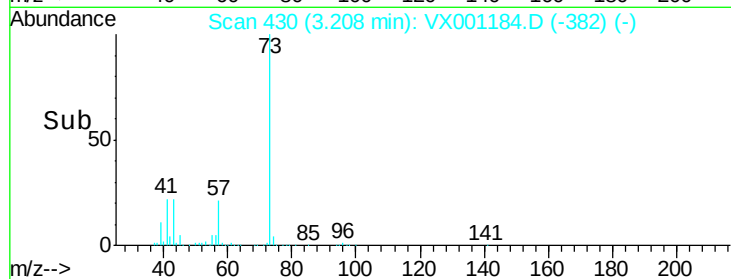
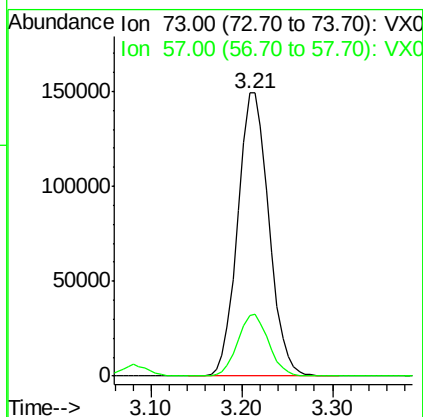
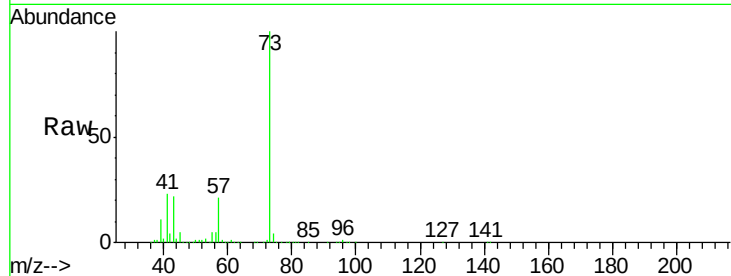




#19
Methyl tert-butyl Ether
Concen: 51.830 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

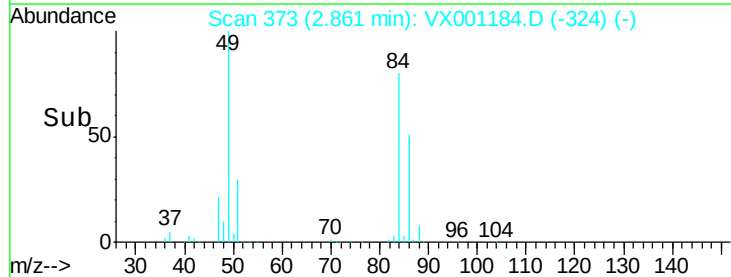
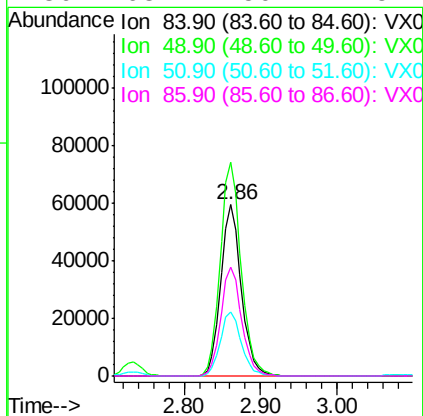
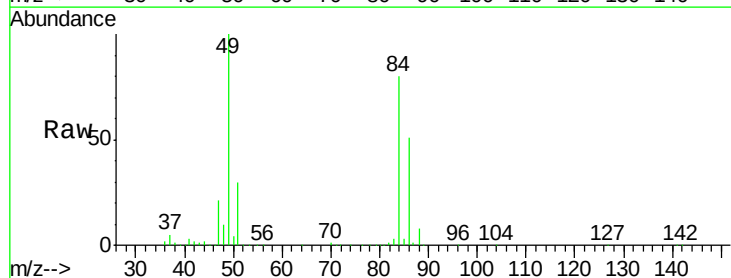
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

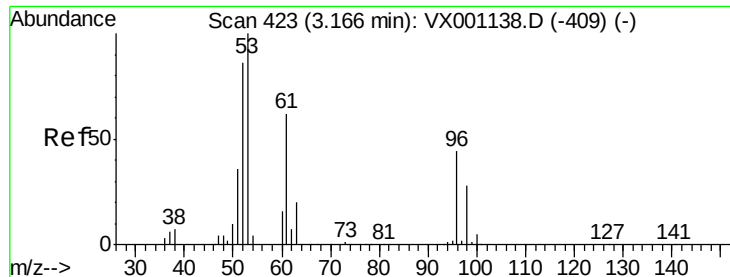
Tgt Ion: 73 Resp: 356244
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 50.385 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 84 Resp: 110448
Ion Ratio Lower Upper
84 100
49 124.9 99.2 148.8
51 37.4 29.5 44.3
86 63.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 51.245 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

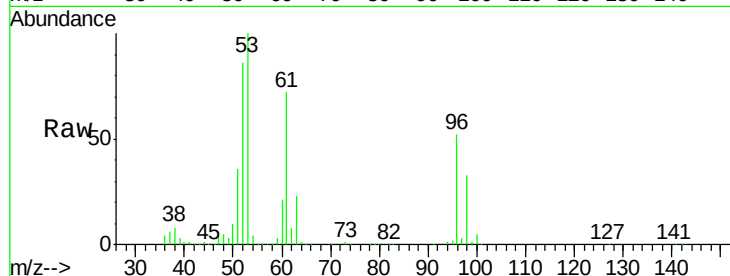
Tgt Ion: 96 Resp: 105771

Ion Ratio Lower Upper

96 100

61 137.8 111.9 167.9

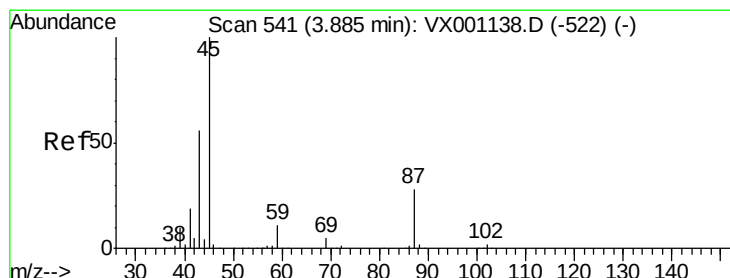
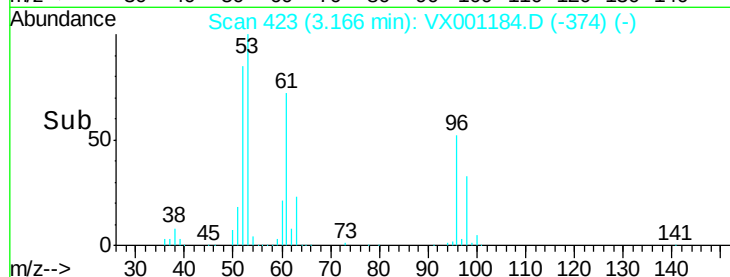
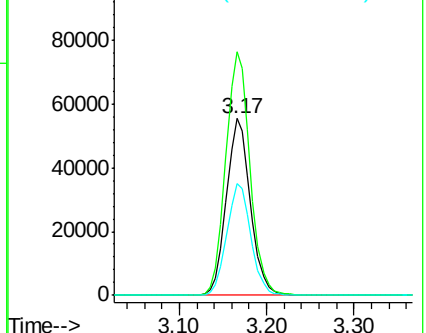
98 62.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX001184.D (-409) (-)

Ion 60.90 (60.60 to 61.60): VX001184.D (-409) (-)

Ion 97.90 (97.60 to 98.60): VX001184.D (-409) (-)



#22

Diisopropyl ether

Concen: 51.217 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Tgt Ion: 45 Resp: 349052

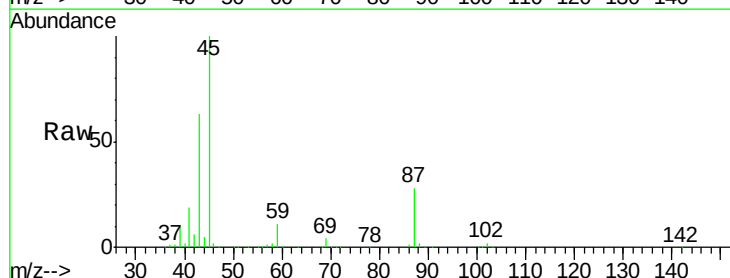
Ion Ratio Lower Upper

45 100

43 62.7 45.0 67.4

87 28.0 22.8 34.2

59 10.8 9.0 13.6

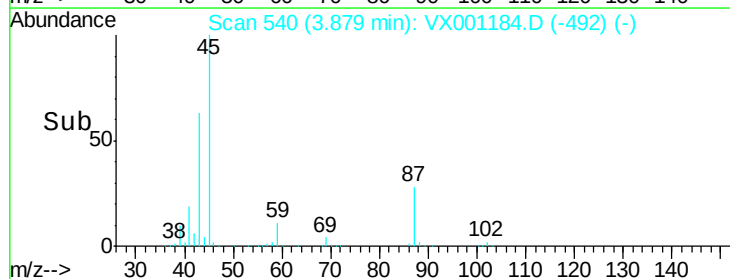
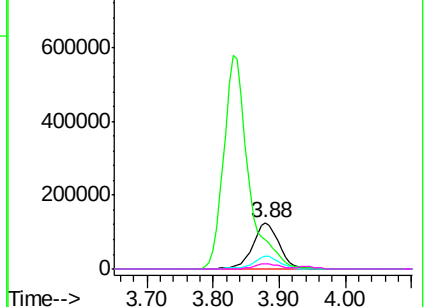


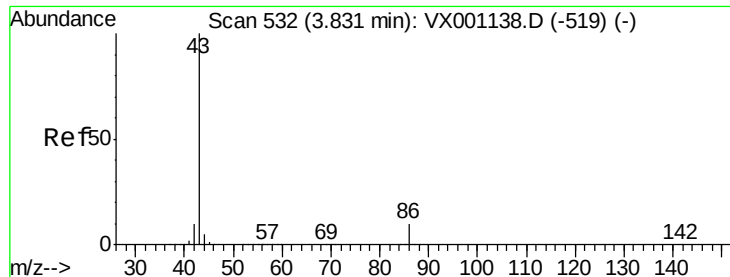
Abundance Ion 45.00 (44.70 to 45.70): VX001184.D (-522) (-)

Ion 43.00 (42.70 to 43.70): VX001184.D (-522) (-)

Ion 87.00 (86.70 to 87.70): VX001184.D (-522) (-)

Ion 59.00 (58.70 to 59.70): VX001184.D (-522) (-)





#23

Vinyl Acetate

Concen: 260.580 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

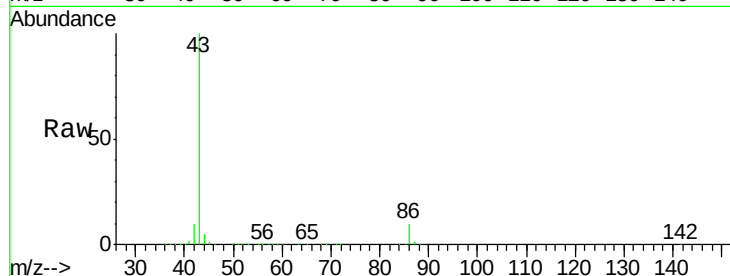
VSTDCCC050EC

Tgt Ion: 43 Resp: 1506590

Ion Ratio Lower Upper

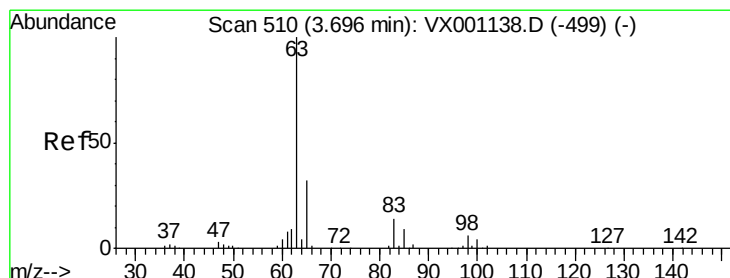
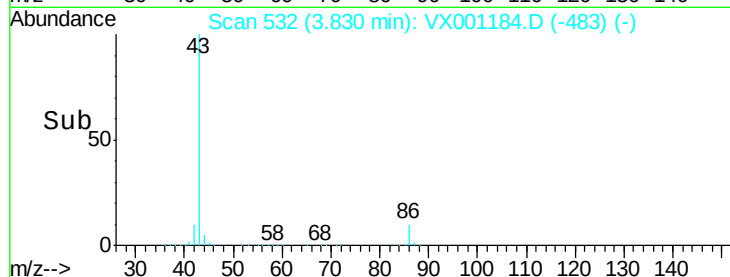
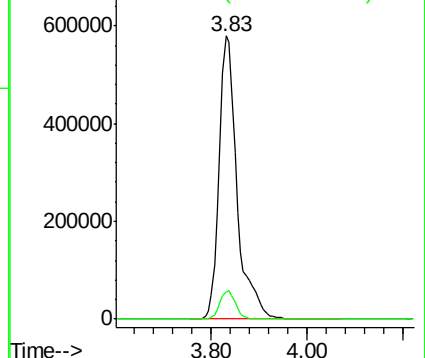
43 100

86 9.8 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.253 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

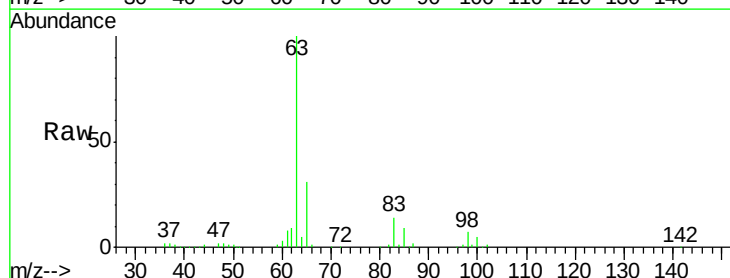
Tgt Ion: 63 Resp: 183582

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

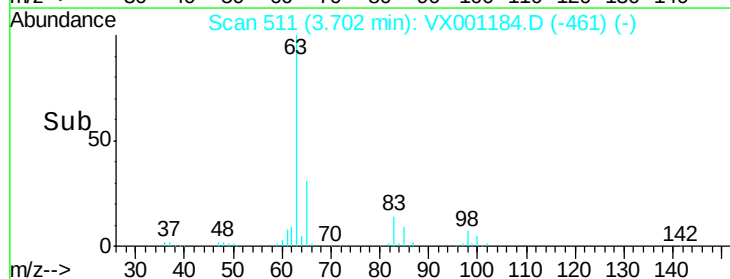
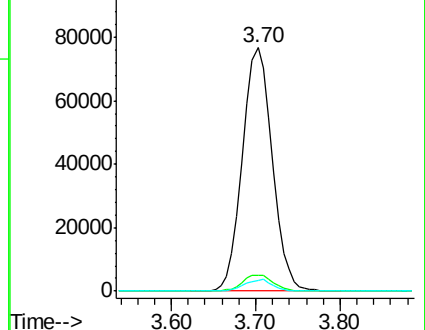
100 4.5 2.1 6.5

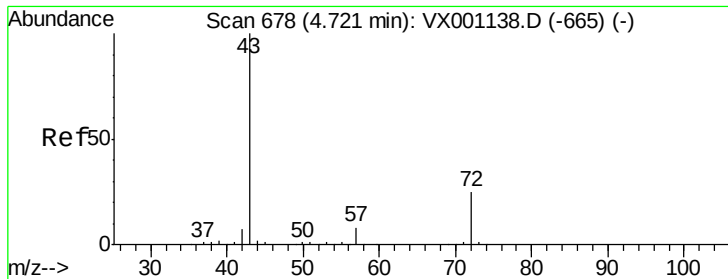


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.389 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

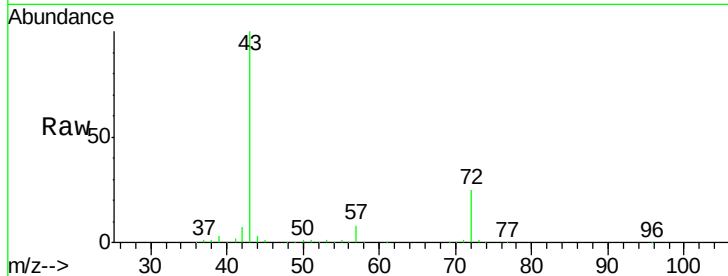
VSTDCCC050EC

Tgt Ion: 43 Resp: 393409

Ion Ratio Lower Upper

43 100

72 24.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

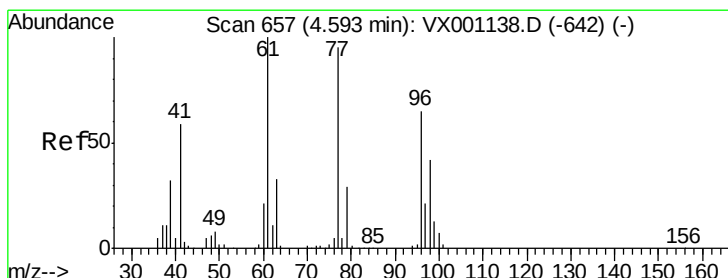
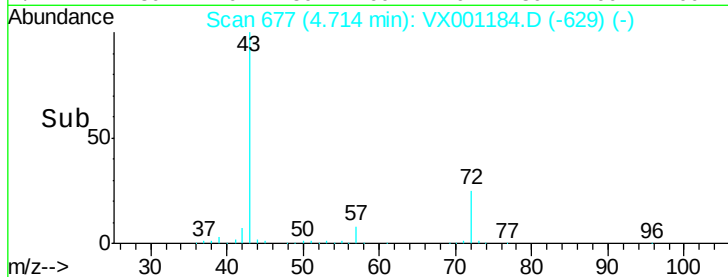
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.891 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001184.D

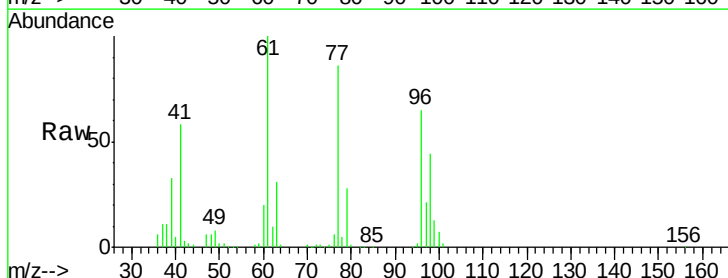
Acq: 27 Apr 2018 21:10

Tgt Ion: 77 Resp: 132202

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

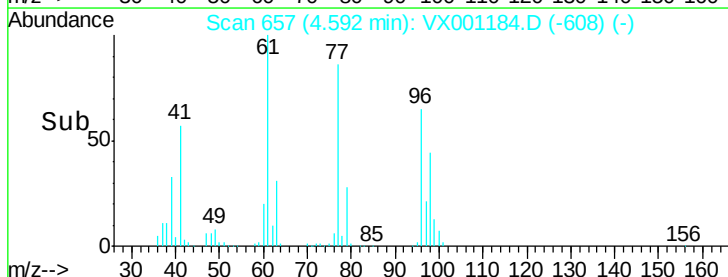
20000

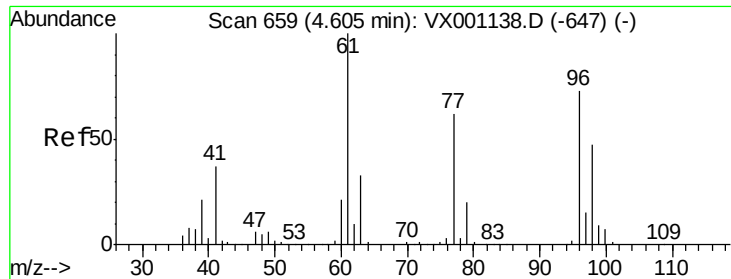
10000

0

4.40 4.50 4.60 4.70

Time-->

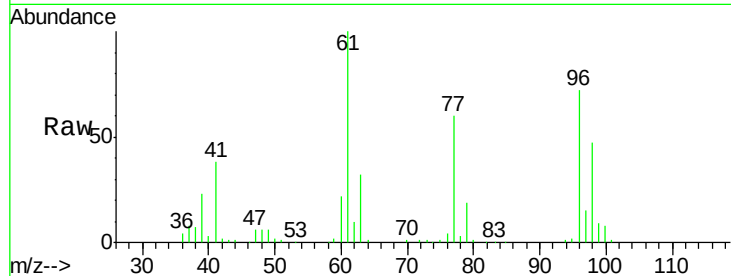




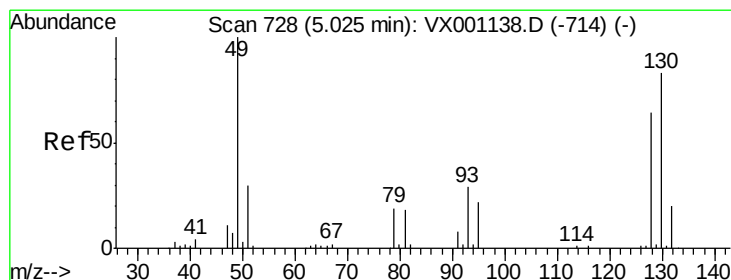
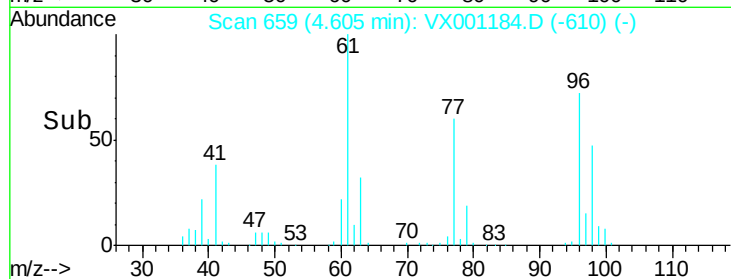
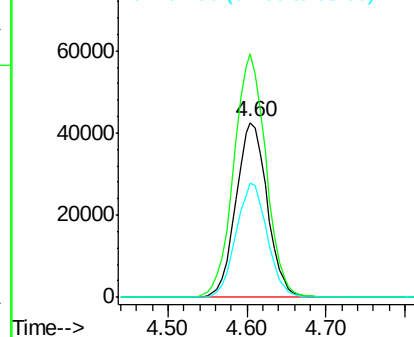
#27
 cis-1,2-Dichloroethene
 Concen: 51.847 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 117170
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 289.0
 98 65.4 0.0 128.2

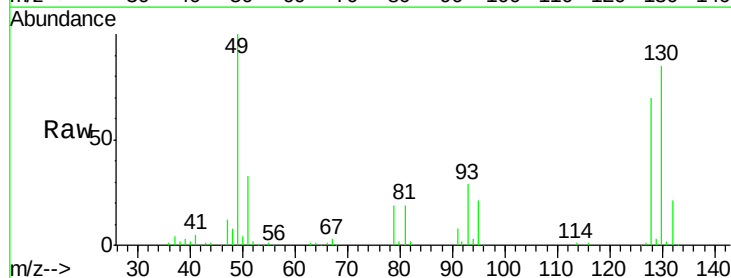


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

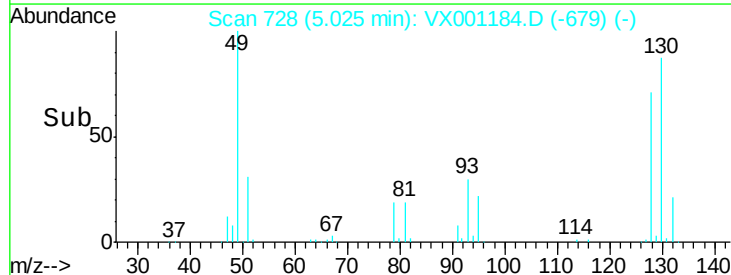
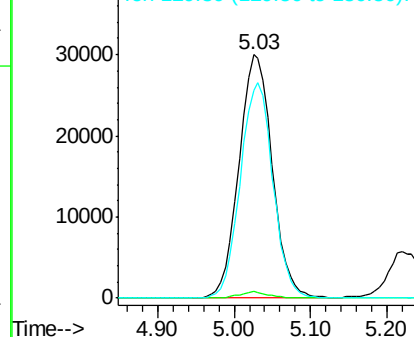


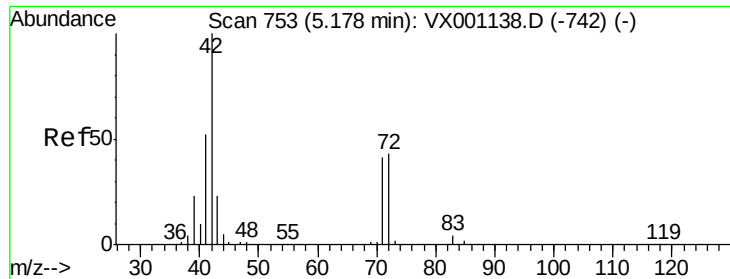
#28
 Bromochloromethane
 Concen: 56.471 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion: 49 Resp: 90693
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 86.6 68.2 102.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 225.955 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

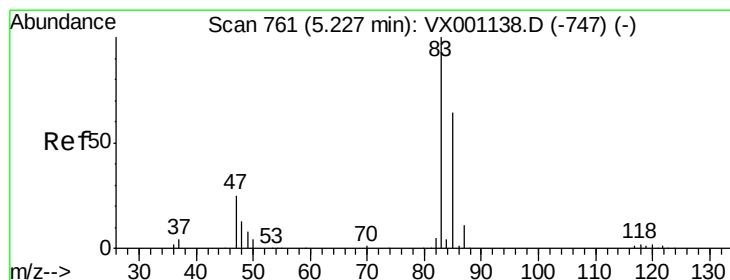
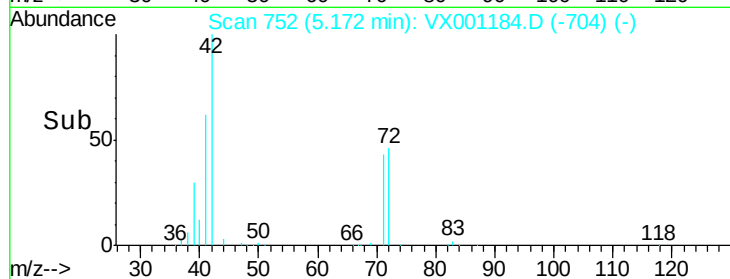
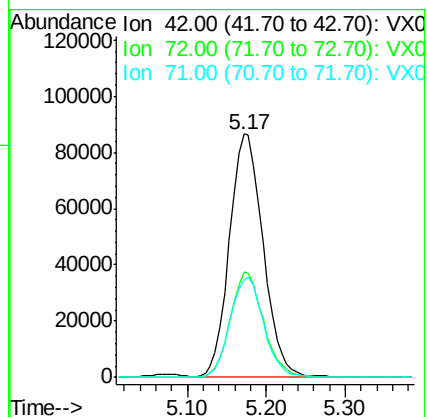
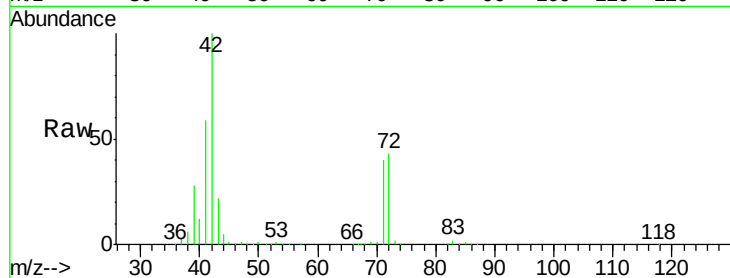
Tgt Ion: 42 Resp: 255850

Ion Ratio Lower Upper

42 100

72 42.9 34.4 51.6

71 41.1 32.1 48.1



#30

Chloroform

Concen: 53.440 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001184.D

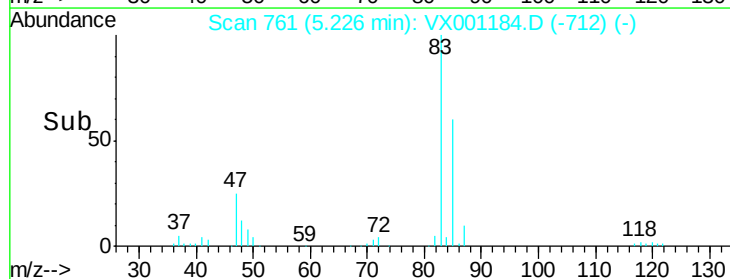
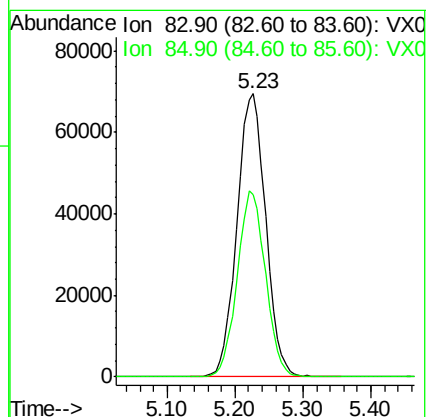
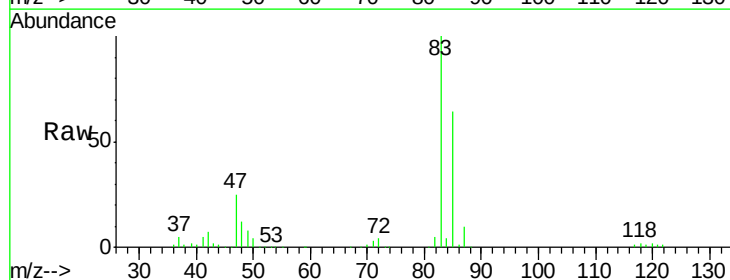
Acq: 27 Apr 2018 21:10

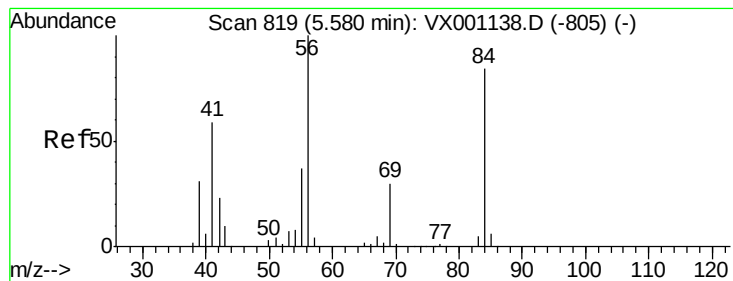
Tgt Ion: 83 Resp: 203554

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0





#31

Cyclohexane

Concen: 50.928 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

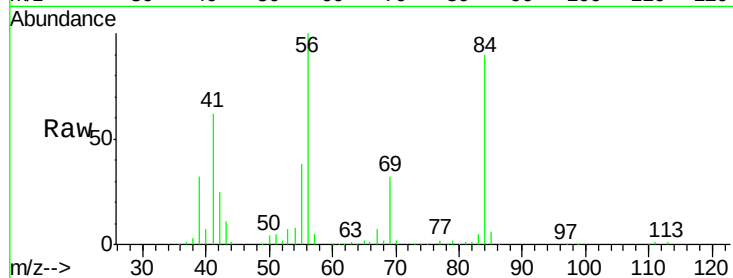
Tgt Ion: 56 Resp: 154984

Ion Ratio Lower Upper

56 100

69 32.3 24.2 36.2

84 89.2 67.5 101.3

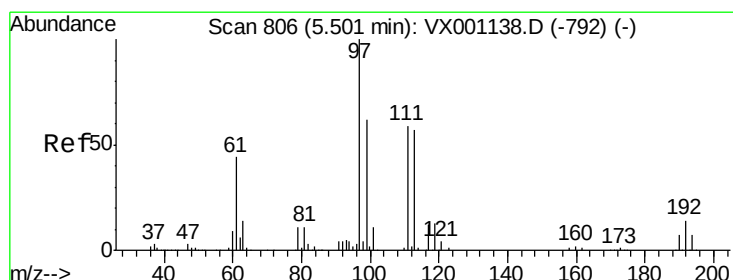
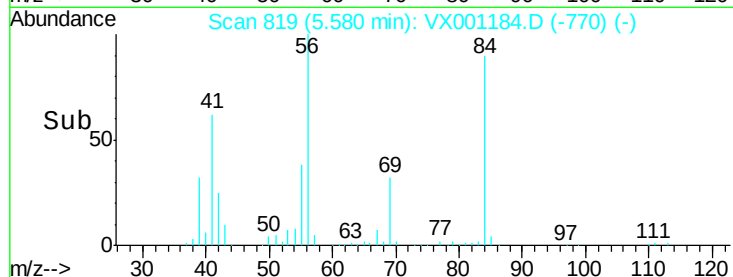
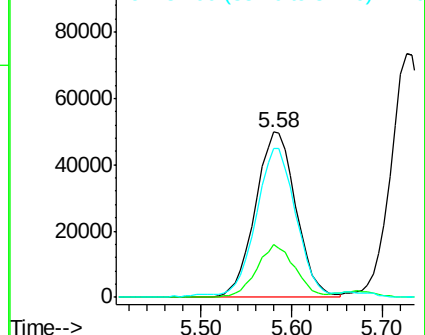


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.824 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

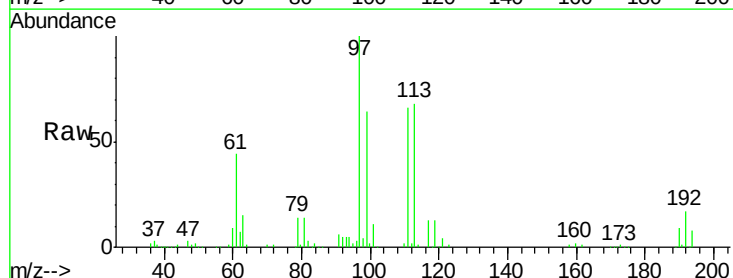
Tgt Ion: 97 Resp: 173691

Ion Ratio Lower Upper

97 100

99 65.1 50.9 76.3

61 44.7 35.0 52.6

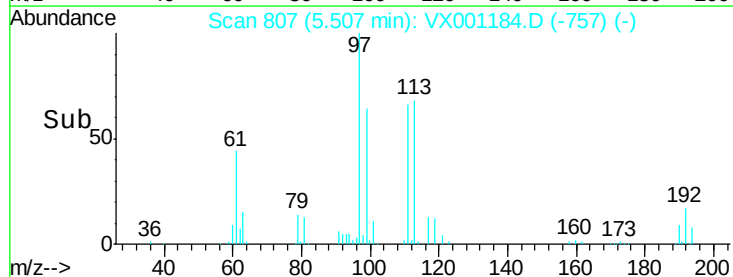
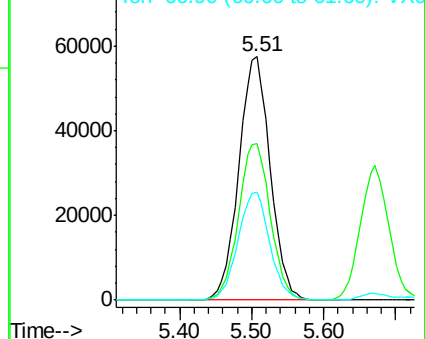


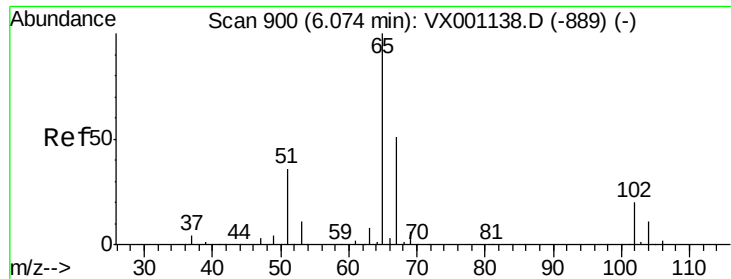
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

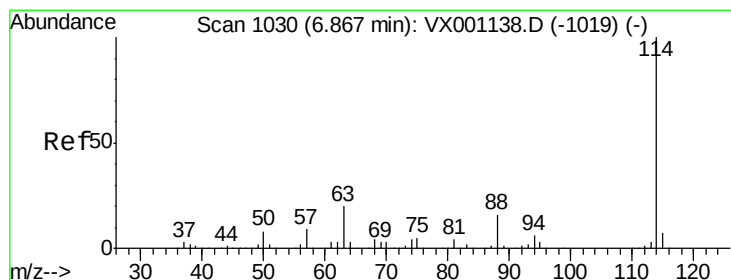
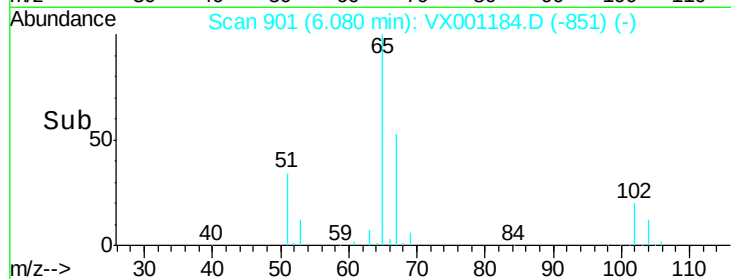
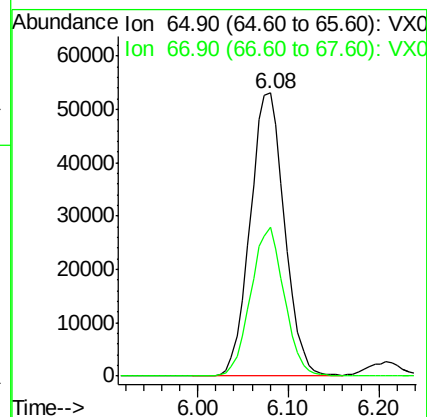
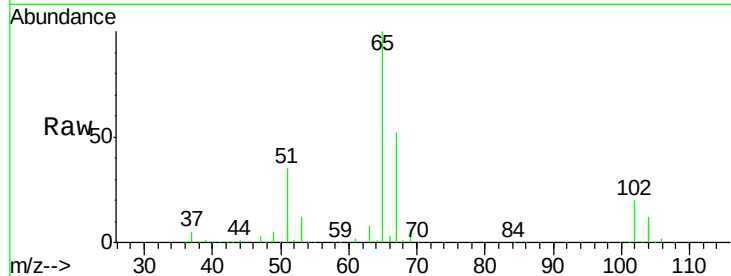




#33
 1,2-Dichloroethane-d4
 Concen: 48.673 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

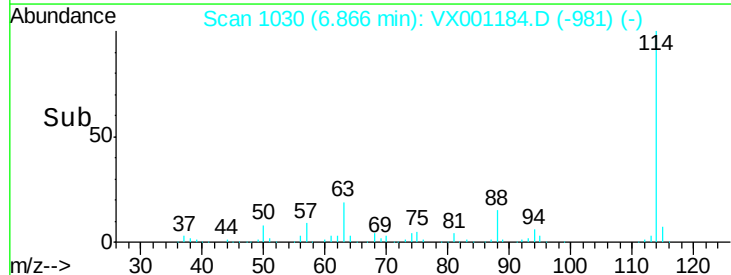
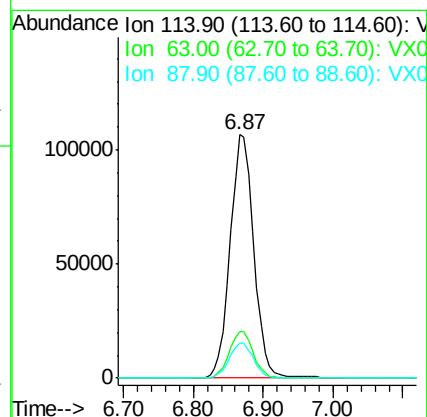
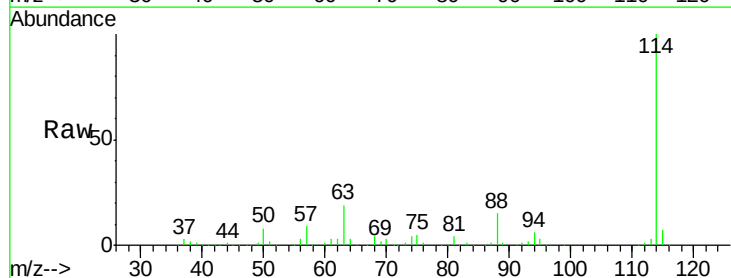
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

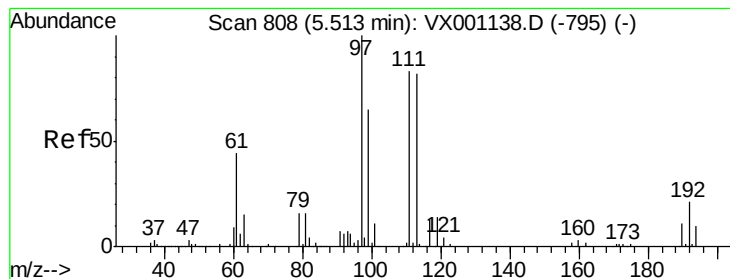
Tgt Ion: 65 Resp: 139308
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion: 114 Resp: 250877
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.4
 88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.090 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

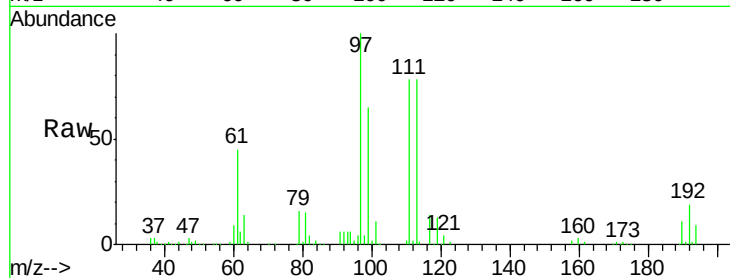
Tgt Ion:113 Resp: 112318

Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

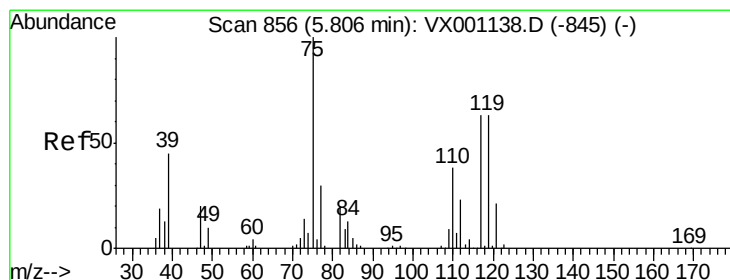
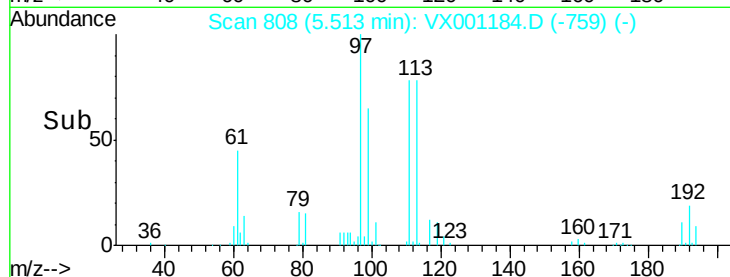
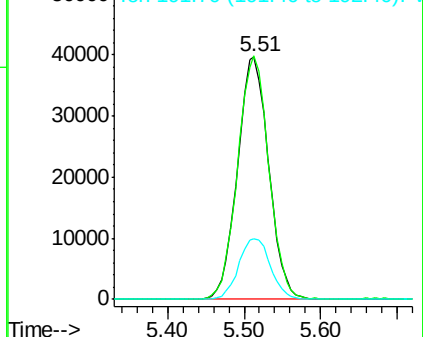
192 25.5 20.6 30.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.337 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

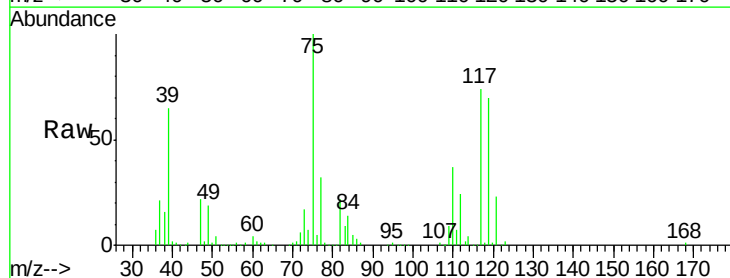
Tgt Ion: 75 Resp: 141926

Ion Ratio Lower Upper

75 100

110 37.7 19.0 57.0

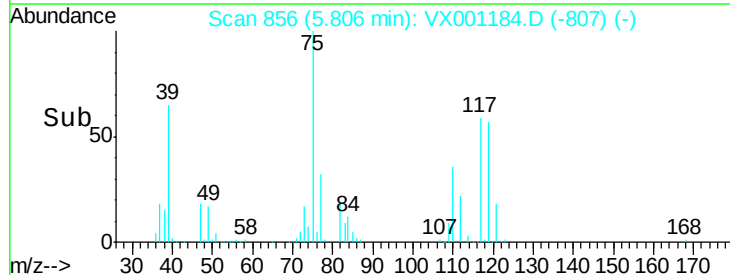
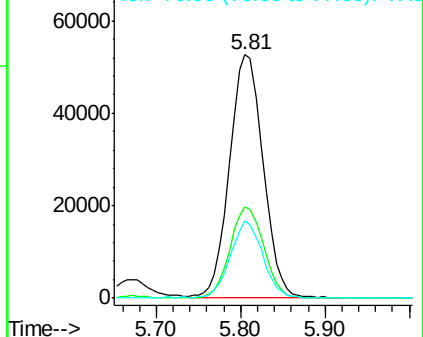
77 30.9 24.8 37.2

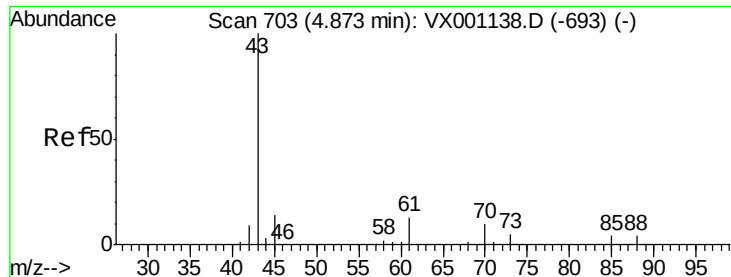


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.940 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

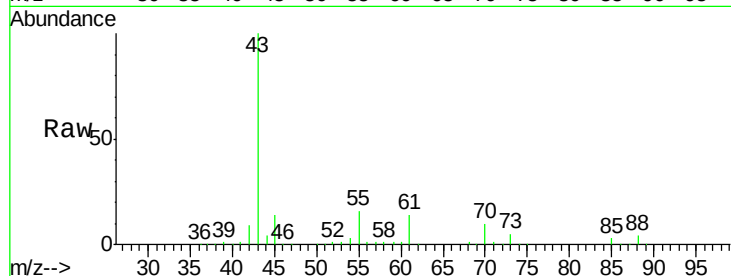
Tgt Ion: 43 Resp: 158714

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.6

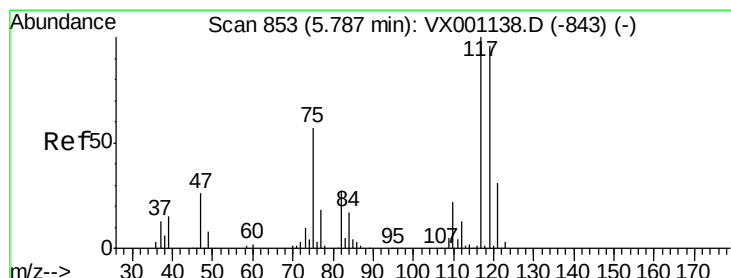
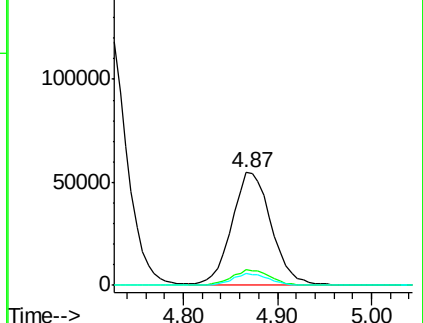
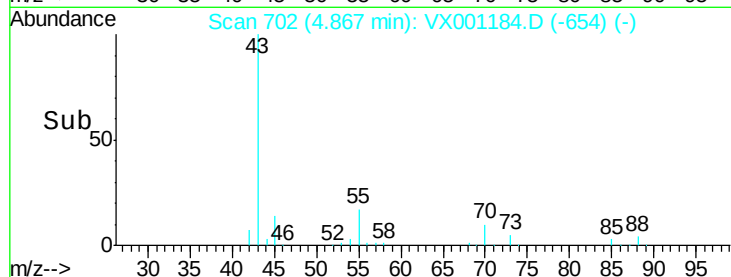
70 9.9 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 54.425 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.01 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

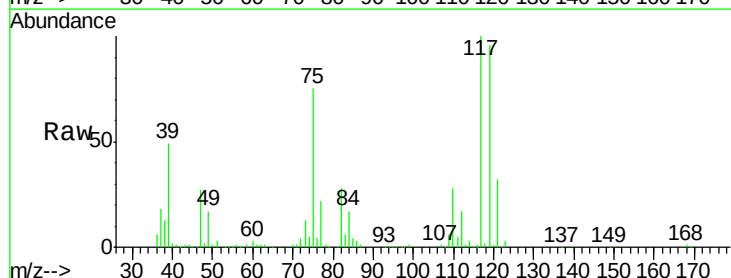
Tgt Ion: 117 Resp: 154282

Ion Ratio Lower Upper

117 100

119 95.8 76.5 114.7

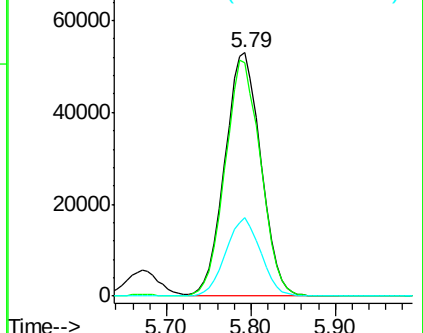
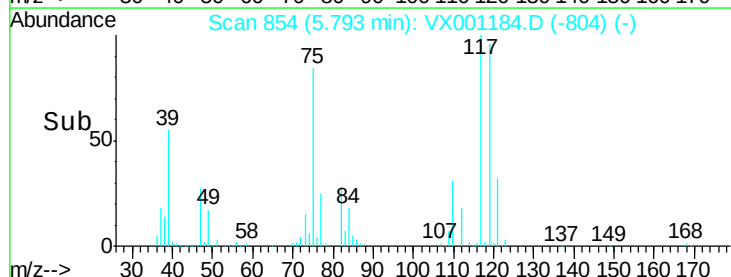
121 32.3 24.6 37.0

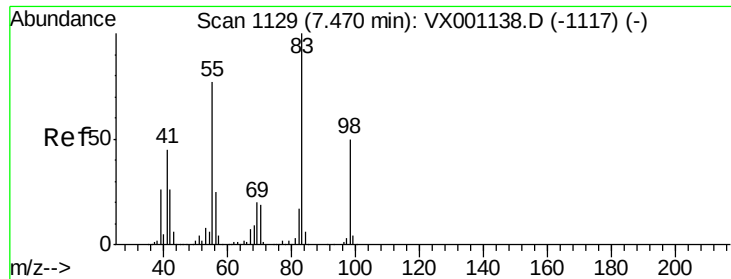


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

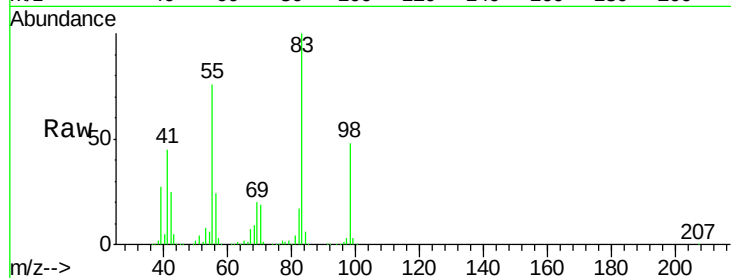




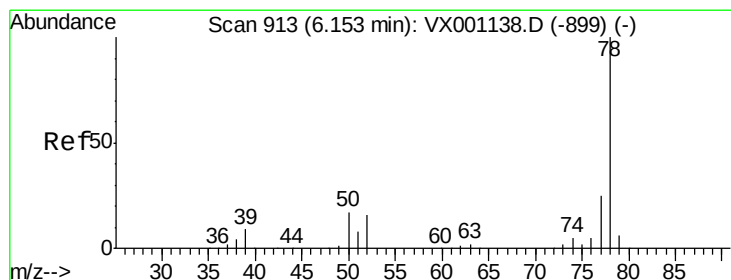
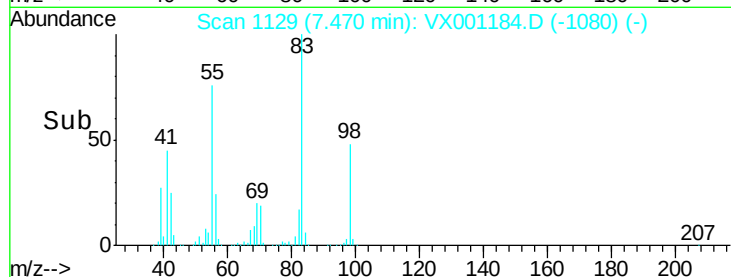
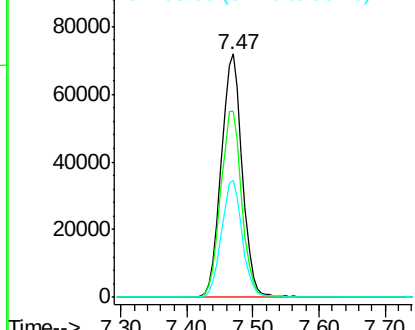
#39
Methylcyclohexane
Concen: 51.695 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 158170
Ion Ratio Lower Upper
83 100
55 76.5 61.8 92.6
98 47.9 40.0 60.0

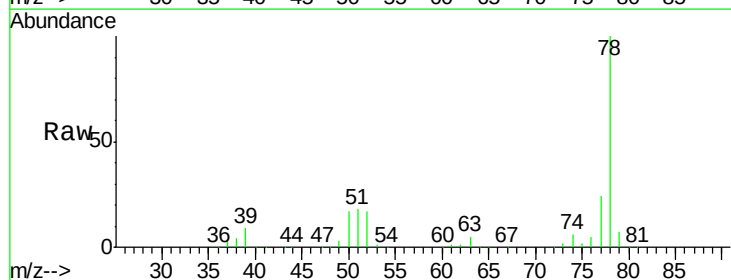


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

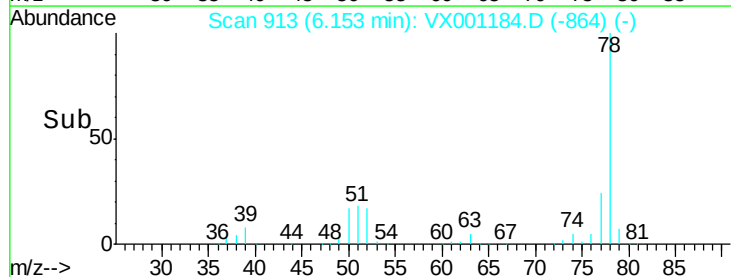
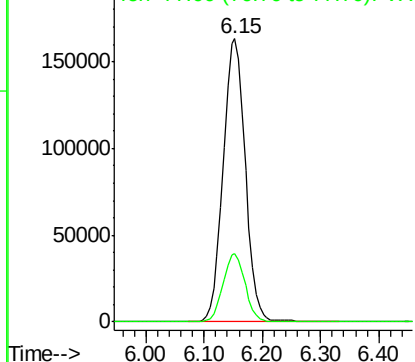


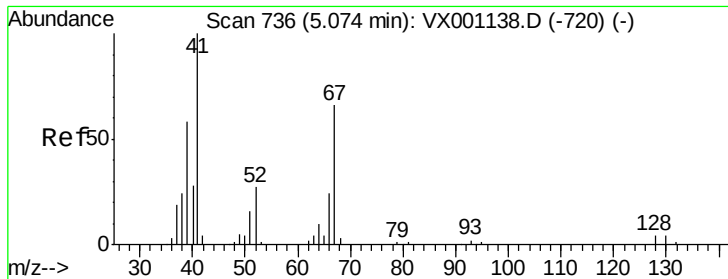
#40
Benzene
Concen: 54.105 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 78 Resp: 432704
Ion Ratio Lower Upper
78 100
77 24.3 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

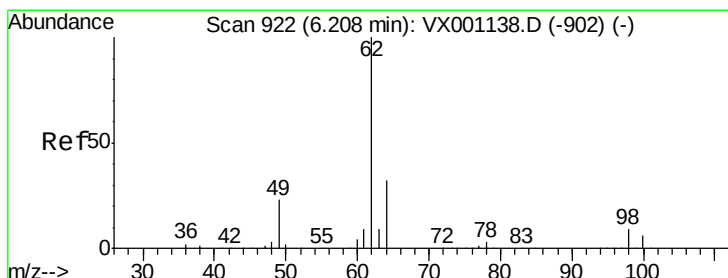
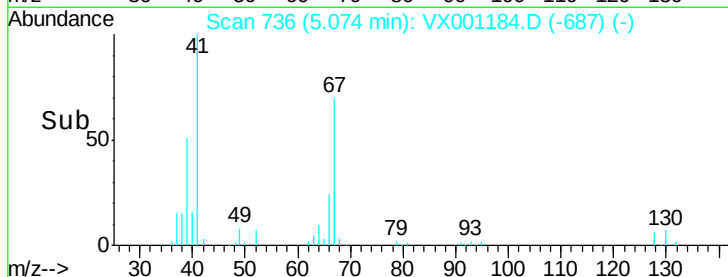
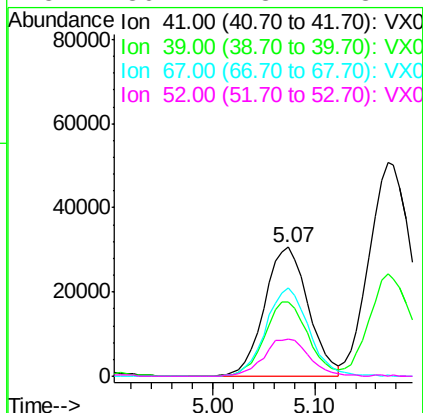
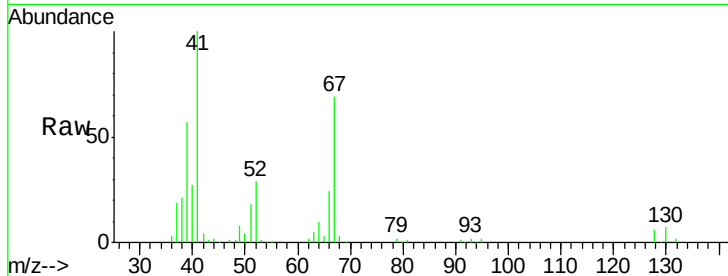




#41
Methacrylonitrile
Concen: 48.948 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

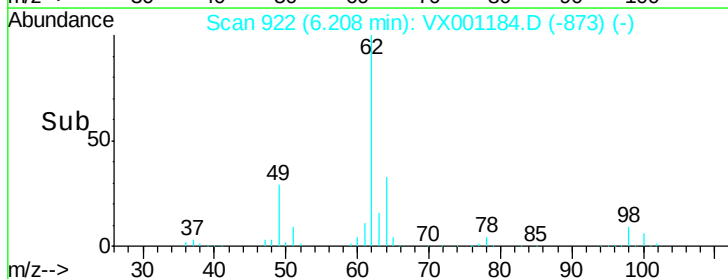
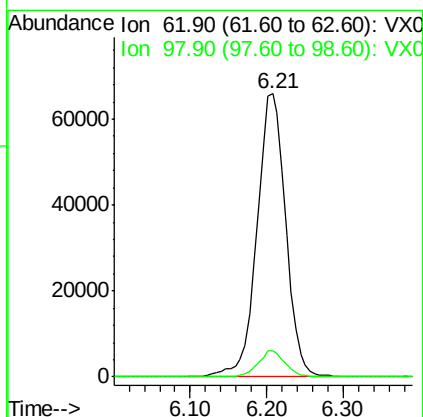
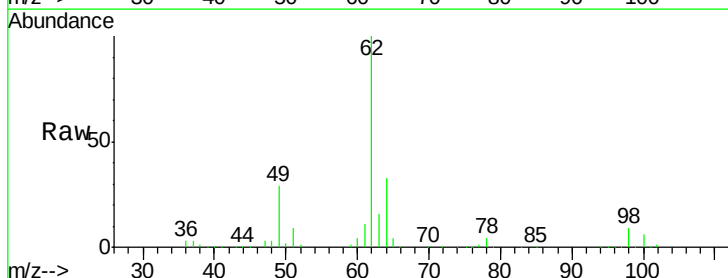
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

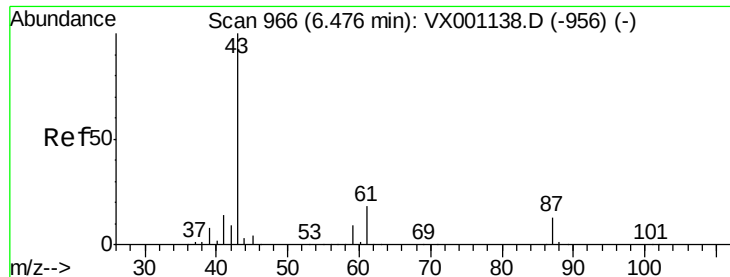
Tgt Ion:	41	Resp:	91059
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.9	68.9
67	67.6	53.2	79.8
52	30.1	23.1	34.7



#42
1,2-Dichloroethane
Concen: 53.713 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion:	62	Resp:	173100
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0





#43

Isopropyl Acetate

Concen: 50.347 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

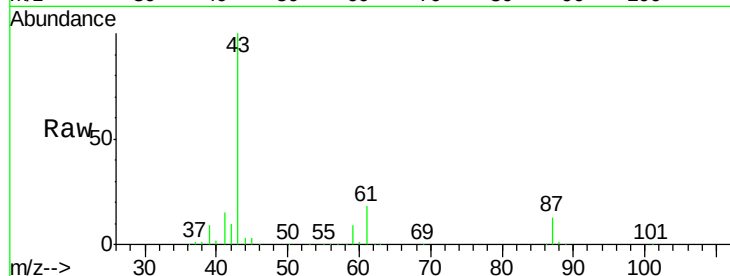
Tgt Ion: 43 Resp: 261776

Ion Ratio Lower Upper

43 100

61 18.3 15.0 22.6

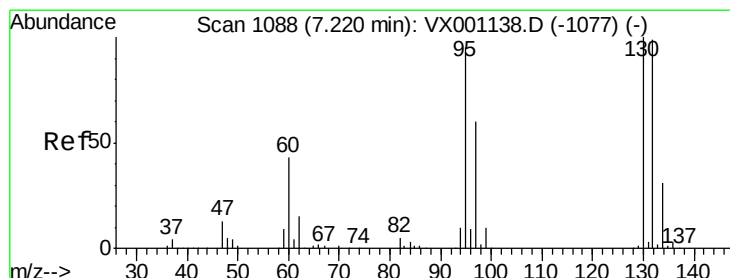
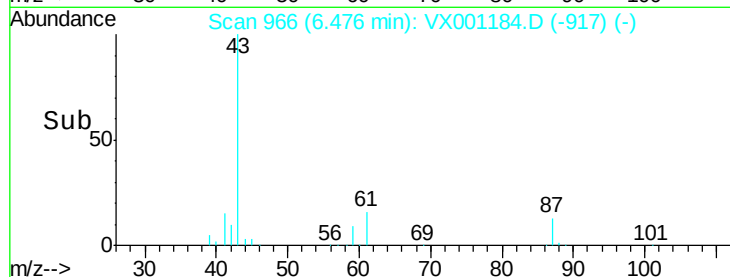
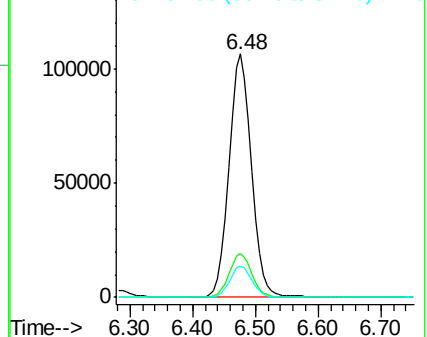
87 12.8 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.951 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001184.D

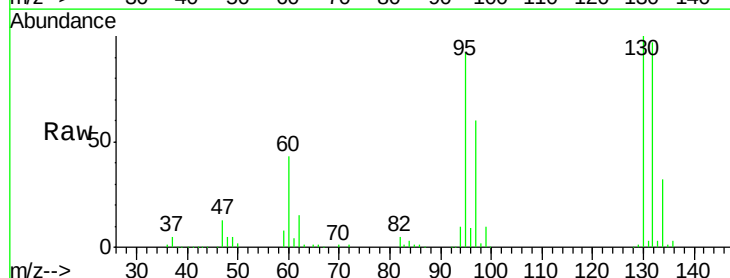
Acq: 27 Apr 2018 21:10

Tgt Ion: 130 Resp: 128541

Ion Ratio Lower Upper

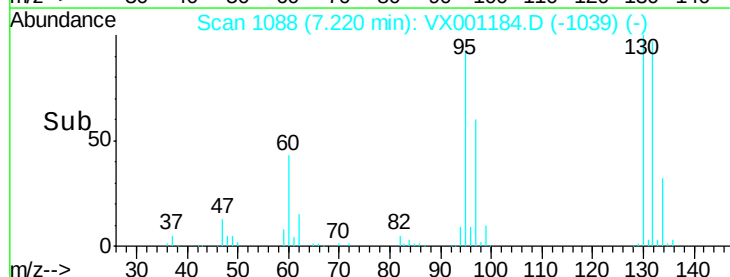
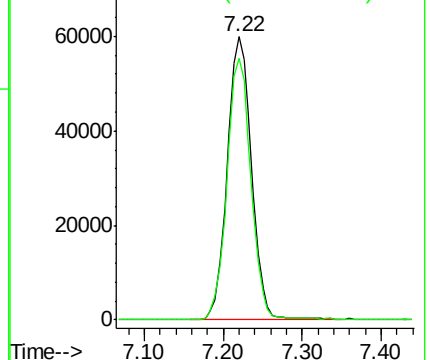
130 100

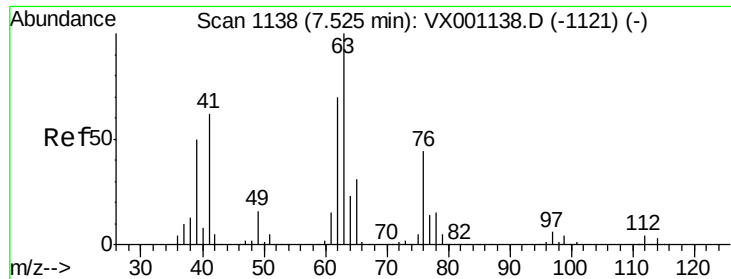
95 92.4 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

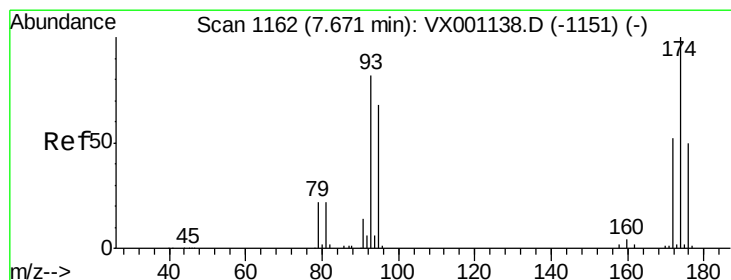
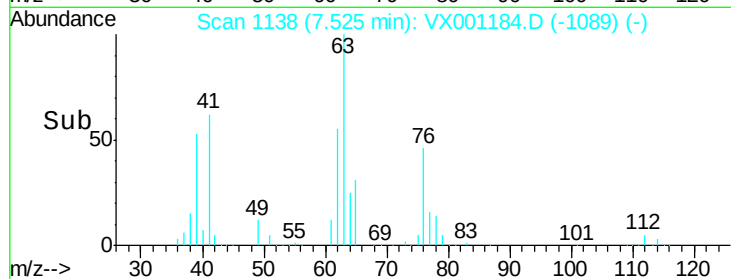
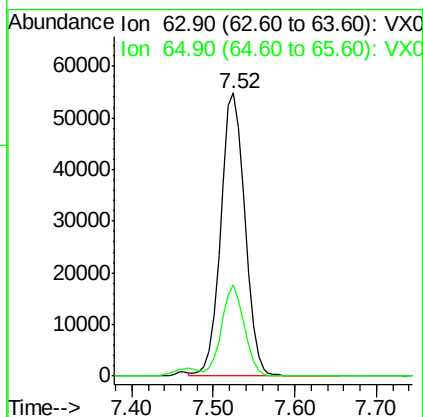
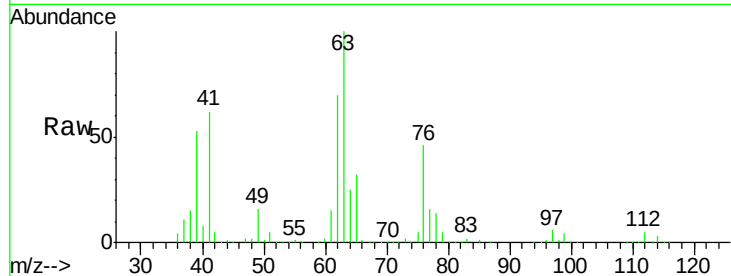




#45
 1,2-Dichloropropane
 Concen: 53.525 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

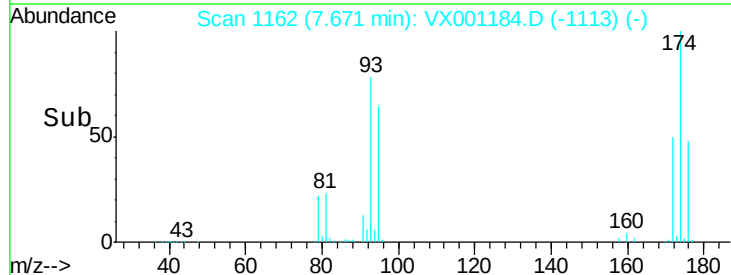
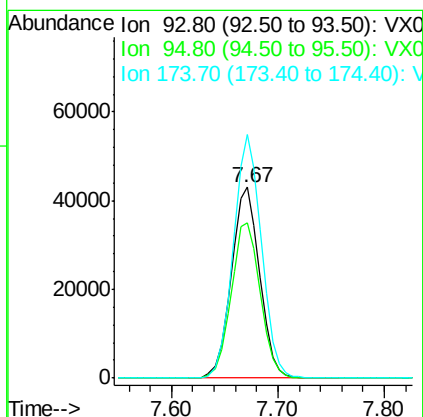
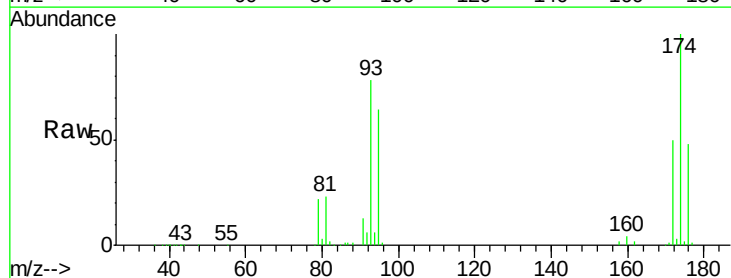
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

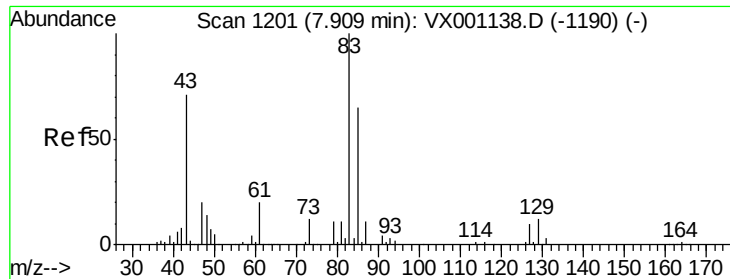
Tgt Ion: 63 Resp: 112585
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.9 37.3



#46
 Dibromomethane
 Concen: 55.164 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion: 93 Resp: 80350
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.4 99.6
 174 126.5 99.6 149.4





#47

Bromodichloromethane

Concen: 55.979 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

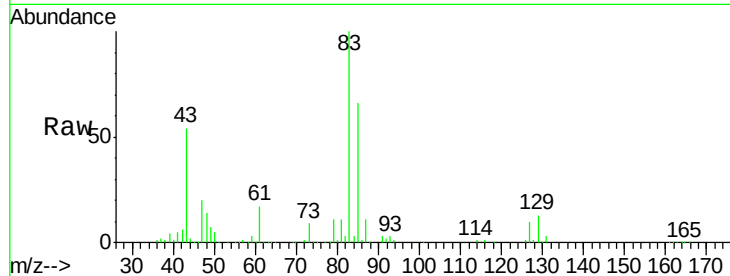
Tgt Ion: 83 Resp: 148147

Ion Ratio Lower Upper

83 100

85 65.5 51.9 77.9

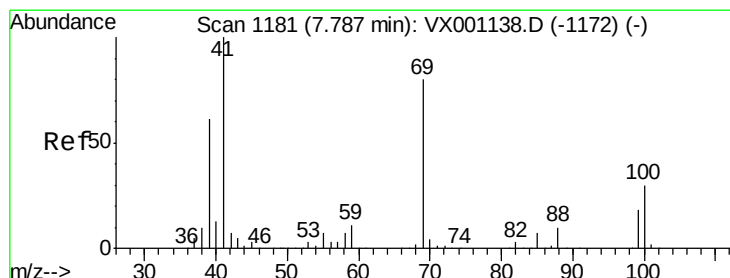
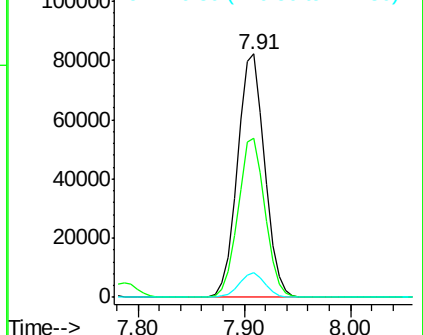
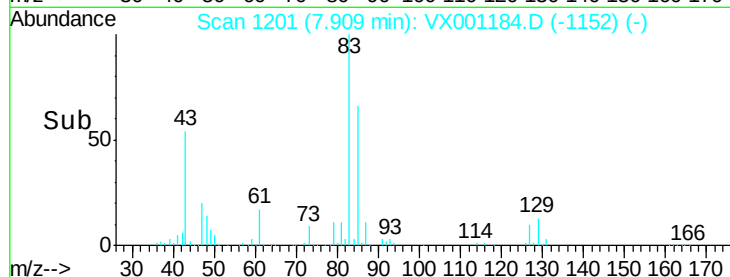
127 10.1 7.7 11.5



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: 51.056 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

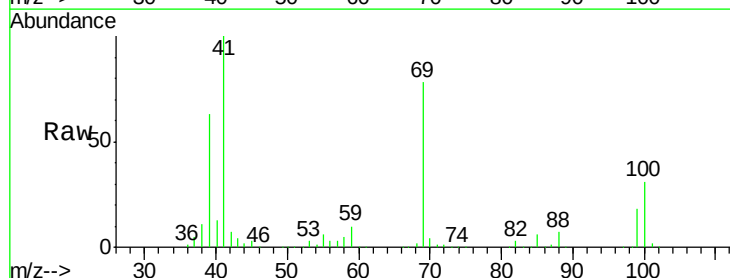
Tgt Ion: 41 Resp: 141105

Ion Ratio Lower Upper

41 100

69 77.7 62.4 93.6

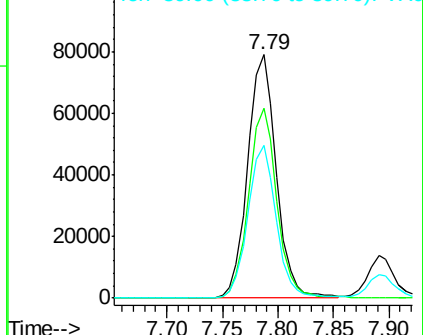
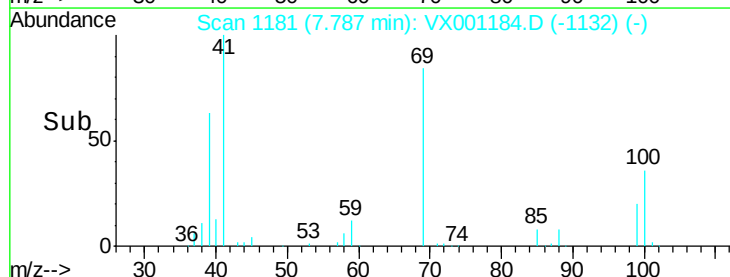
39 62.2 48.7 73.1

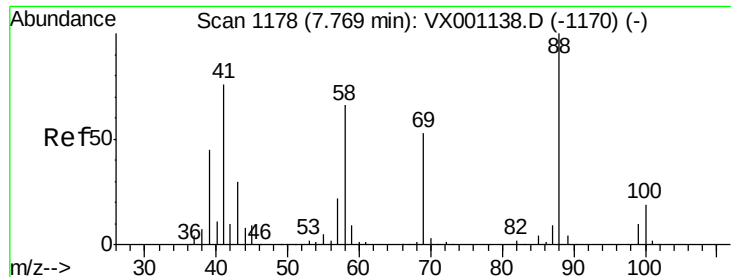


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

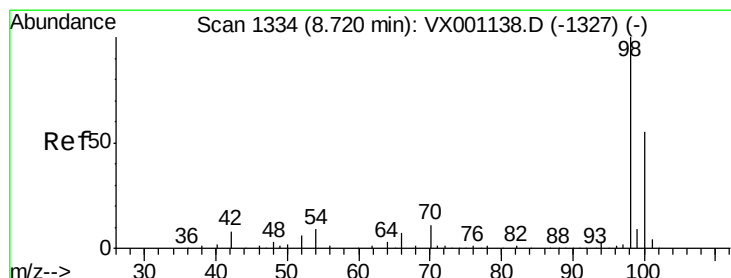
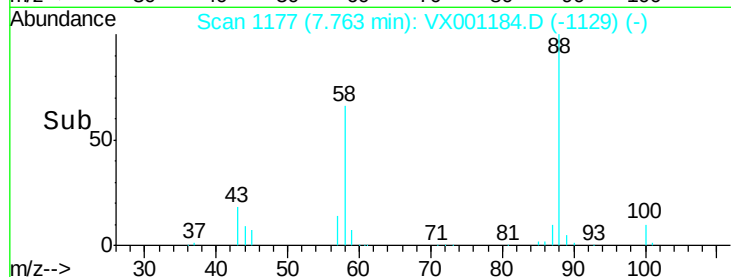
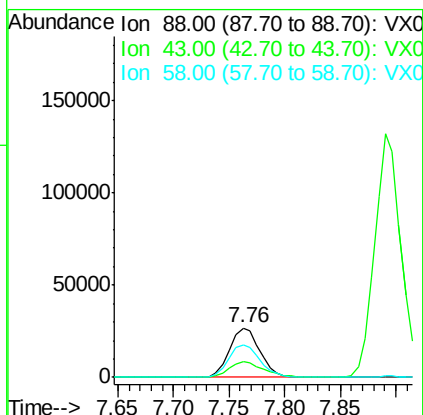
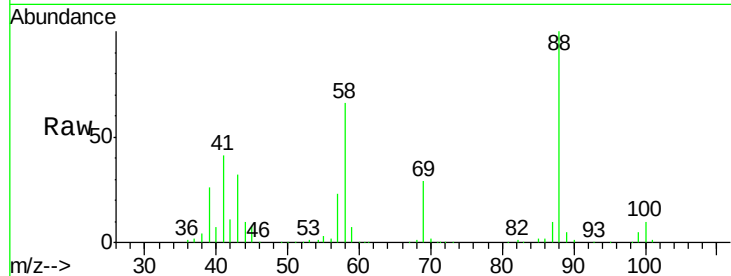




#49
1,4-Dioxane
Concen: 917.512 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

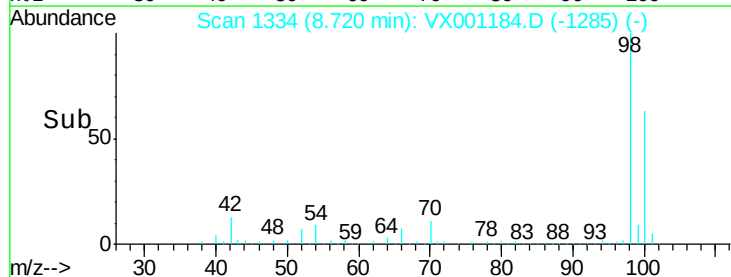
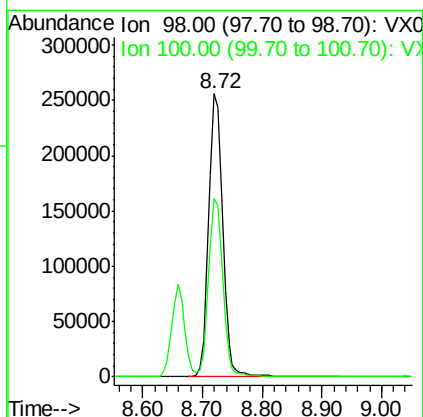
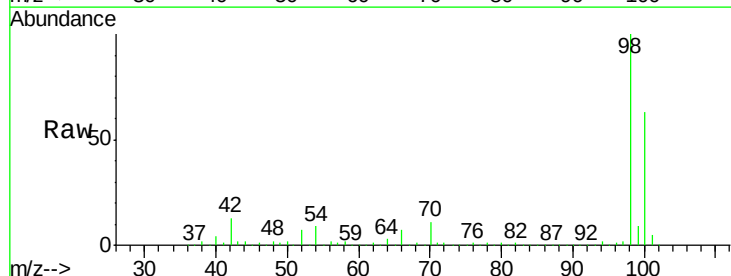
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

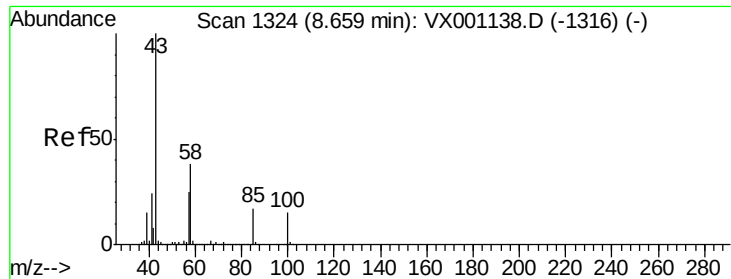
Tgt Ion: 88 Resp: 50768
Ion Ratio Lower Upper
88 100
43 34.8 27.3 40.9
58 68.1 54.2 81.4



#50
Toluene-d8
Concen: 52.753 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 98 Resp: 413393
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

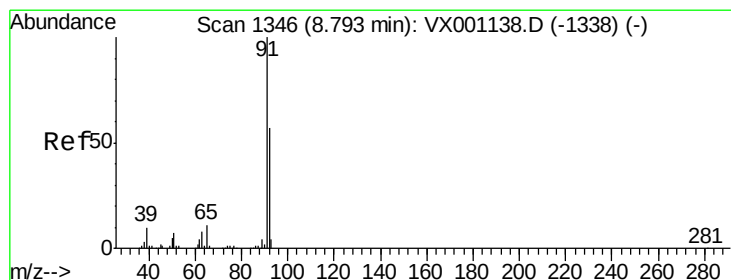
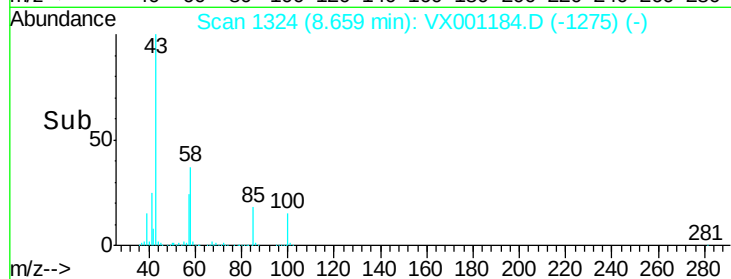
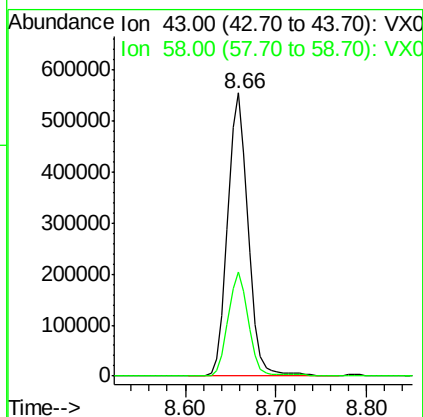
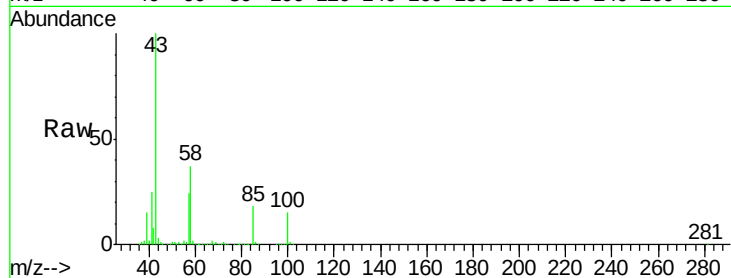




#51
 4-Methyl-2-Pentanone
 Concen: 254.873 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

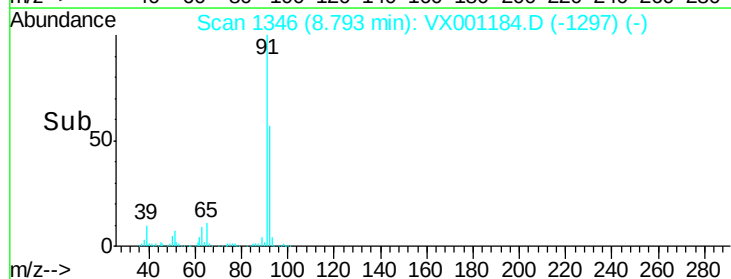
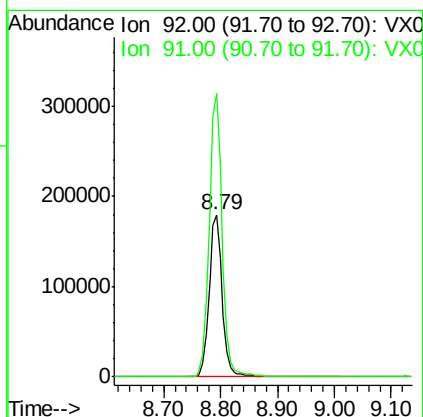
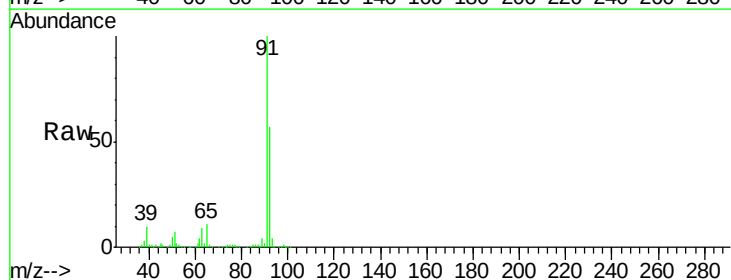
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

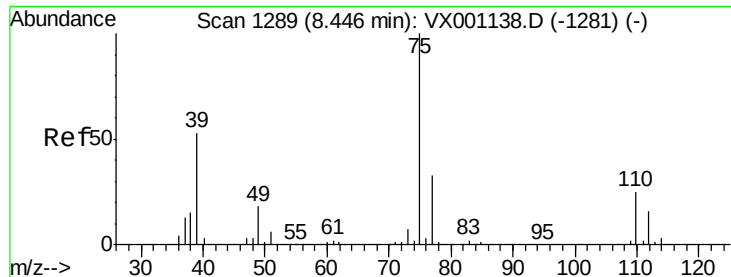
Tgt Ion: 43 Resp: 870495
 Ion Ratio Lower Upper
 43 100
 58 36.2 30.2 45.2



#52
 Toluene
 Concen: 54.664 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion: 92 Resp: 285884
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.8 209.6

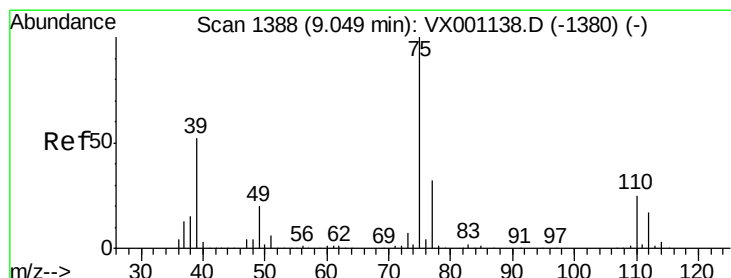
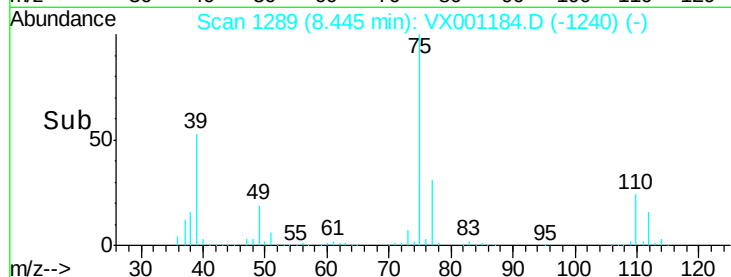
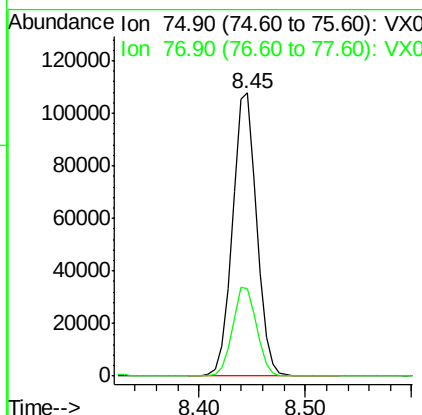
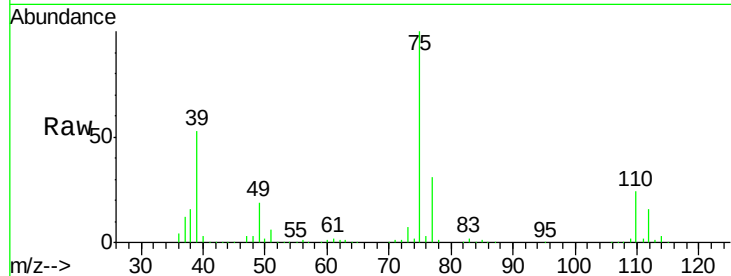




#53
 t-1,3-Dichloropropene
 Concen: 55.747 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

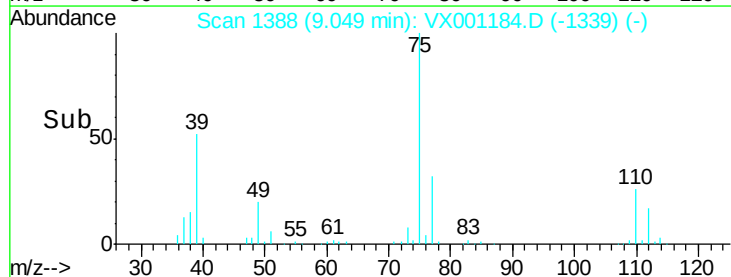
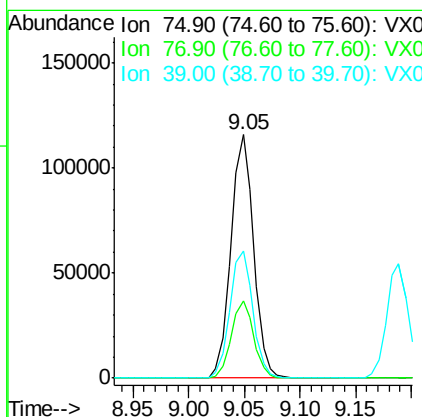
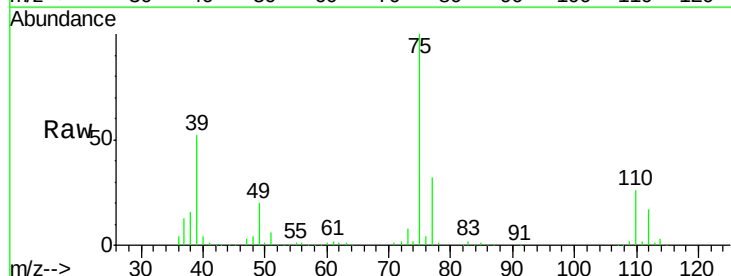
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

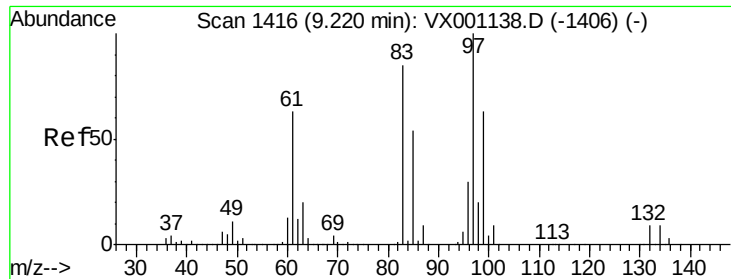
Tgt Ion: 75 Resp: 171511
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.885 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion: 75 Resp: 163023
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 52.3 42.0 63.0

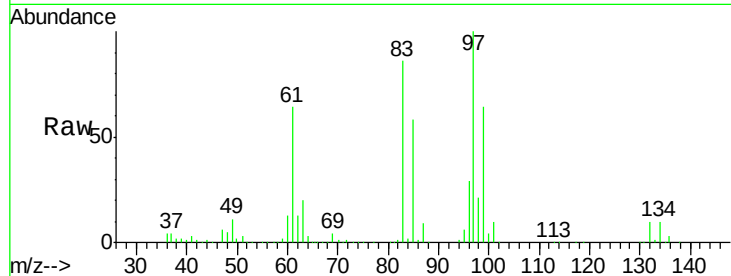




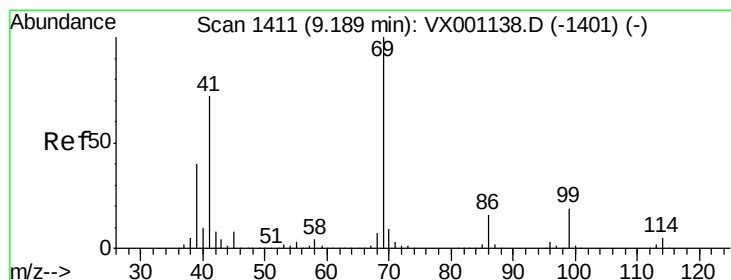
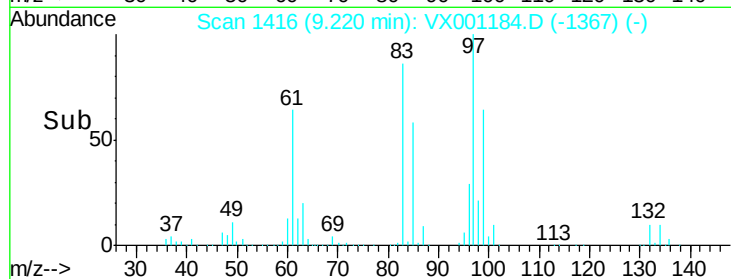
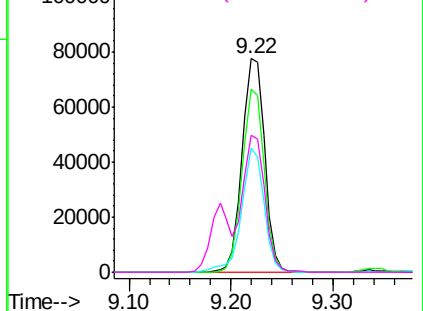
#55
 1,1,2-Trichloroethane
 Concen: 54.133 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	119776
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.0	102.0
85	58.2	42.9	64.3
99	63.8	50.3	75.5

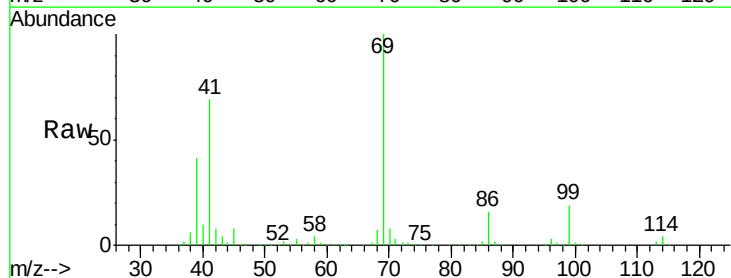


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

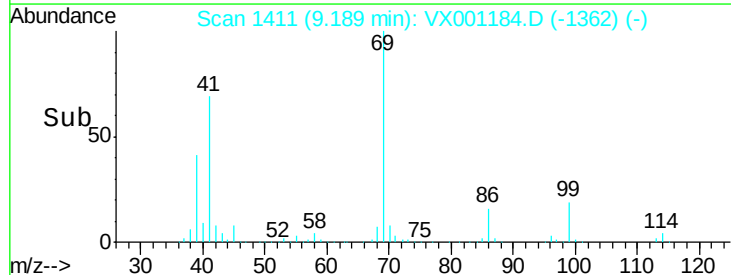
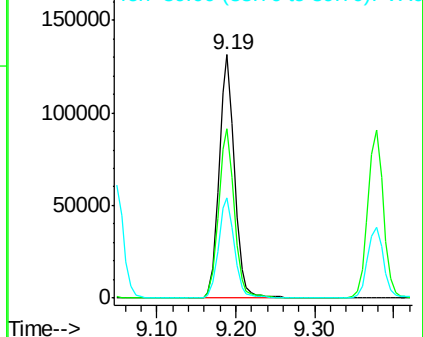


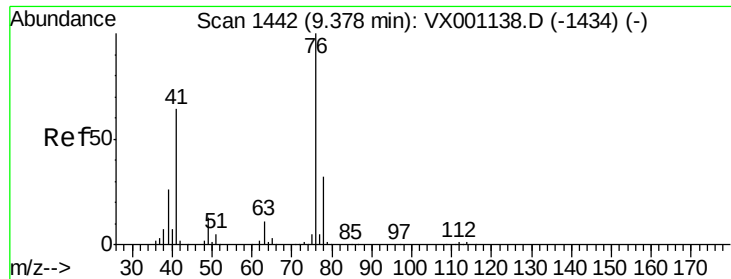
#56
 Ethyl methacrylate
 Concen: 54.730 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion:	69	Resp:	179422
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.7	86.5
39	42.3	33.3	49.9



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

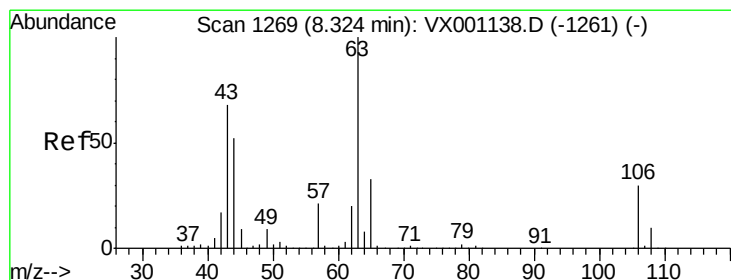
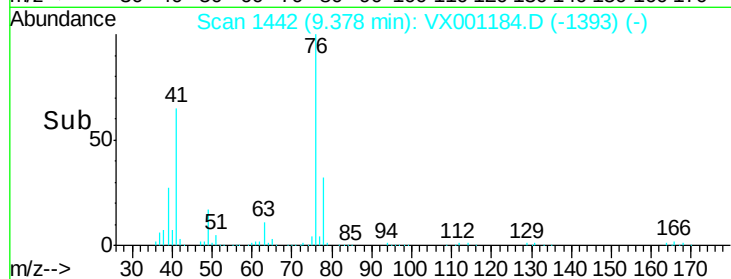
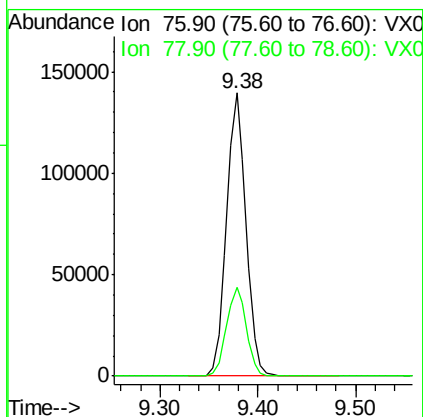
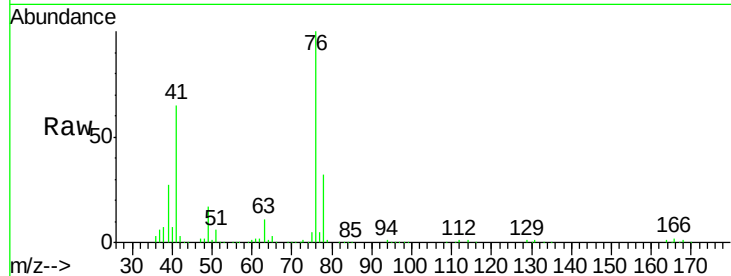




#57
 1,3-Dichloropropane
 Concen: 53.700 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

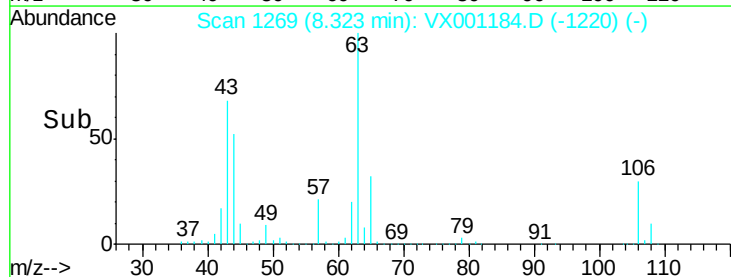
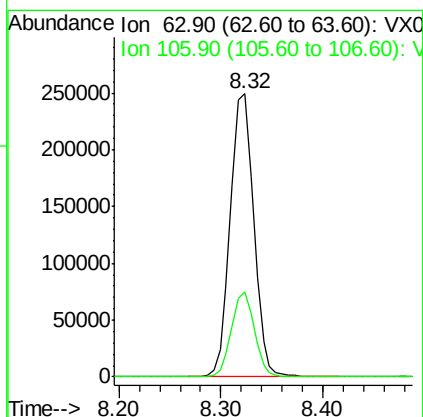
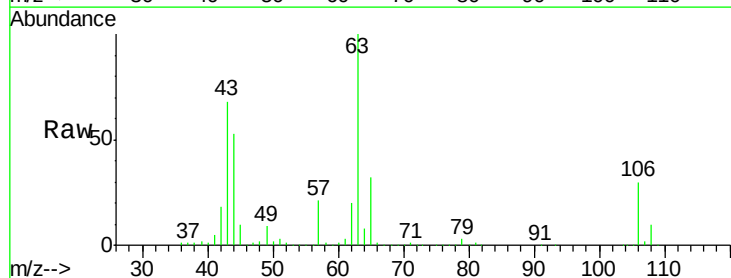
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

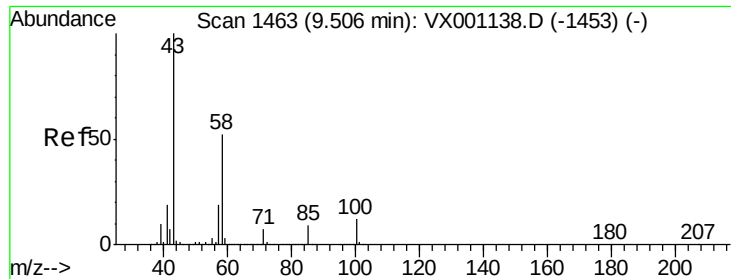
Tgt Ion: 76 Resp: 192218
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.157 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion: 63 Resp: 396997
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.7 35.5

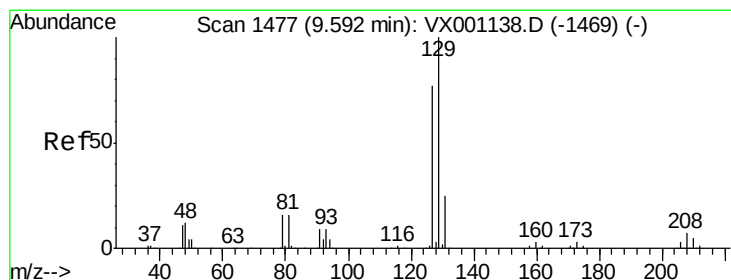
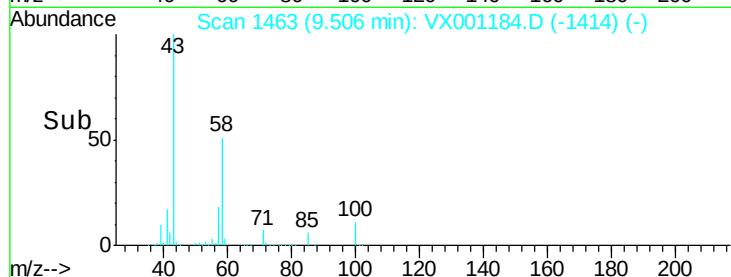
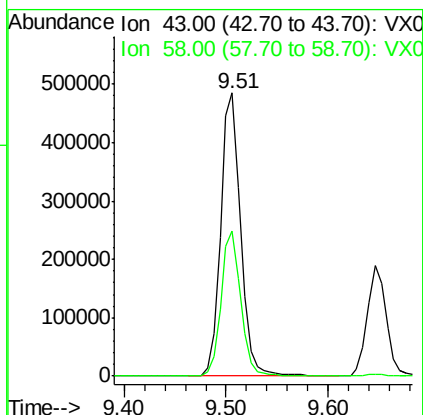
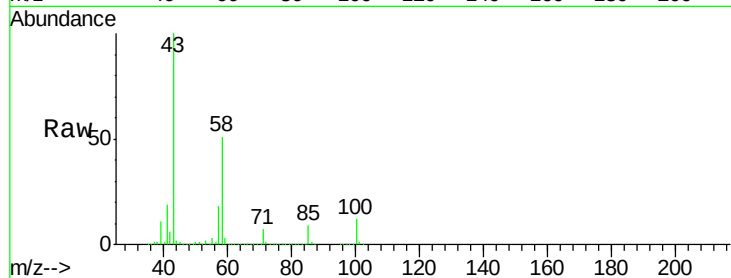




#59
2-Hexanone
Concen: 248.050 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

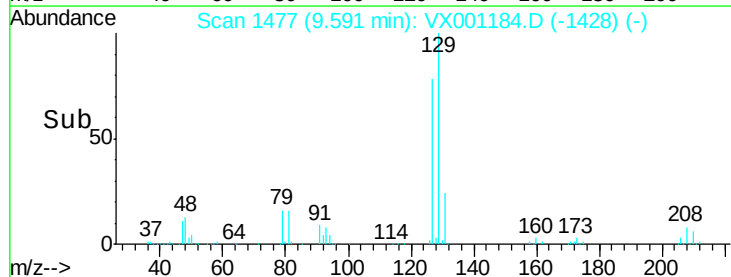
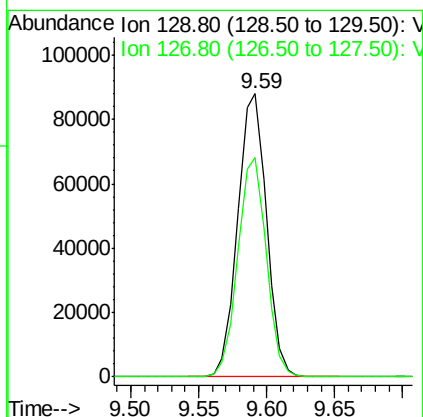
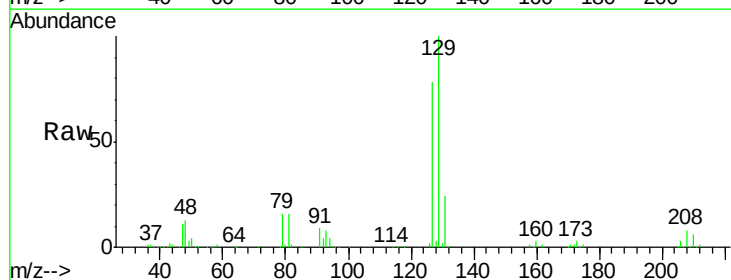
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

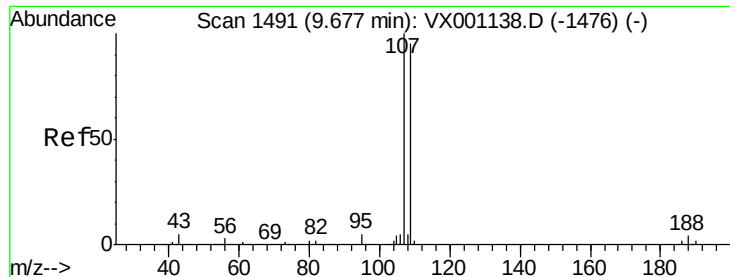
Tgt Ion: 43 Resp: 663794
Ion Ratio Lower Upper
43 100
58 50.7 25.8 77.4



#60
Dibromochloromethane
Concen: 50.175 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 129 Resp: 129713
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 55.253 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

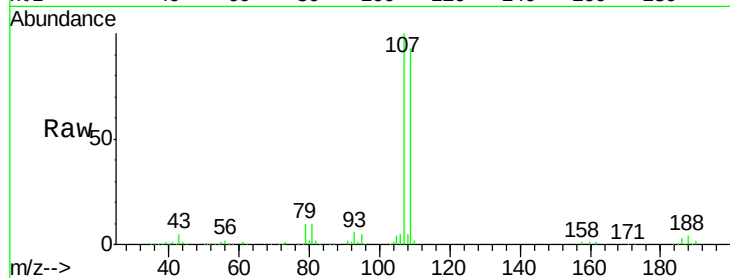
VSTDCCC050EC

Tgt Ion: 107 Resp: 128082

Ion Ratio Lower Upper

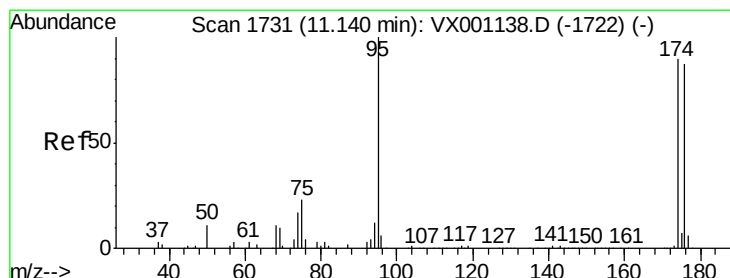
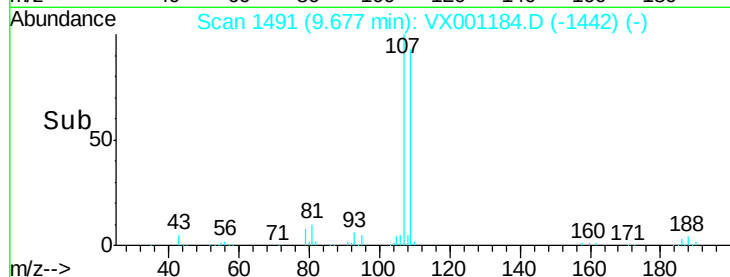
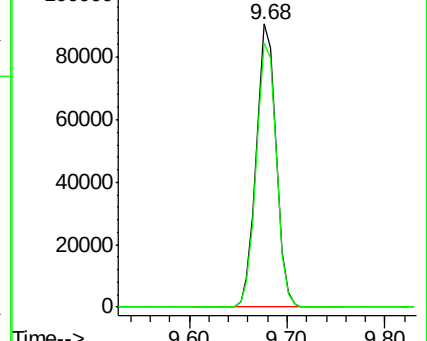
107 100

109 95.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.640 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

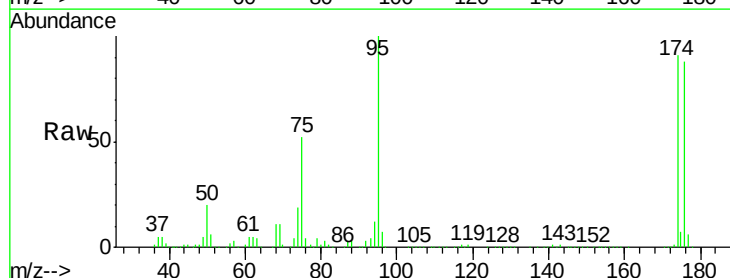
Tgt Ion: 95 Resp: 161145

Ion Ratio Lower Upper

95 100

174 99.8 0.0 194.4

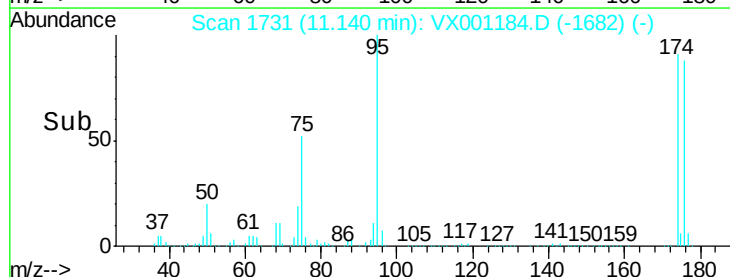
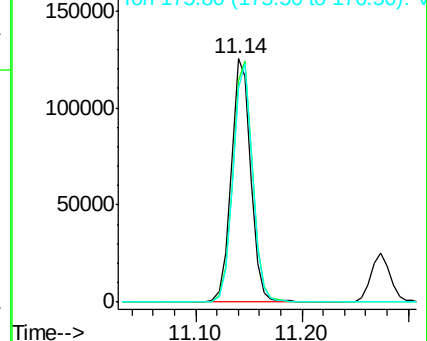
176 97.5 0.0 190.2

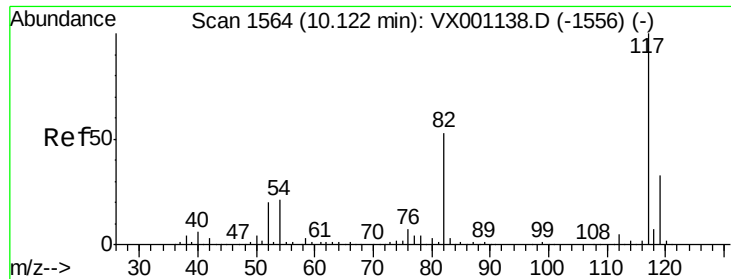


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

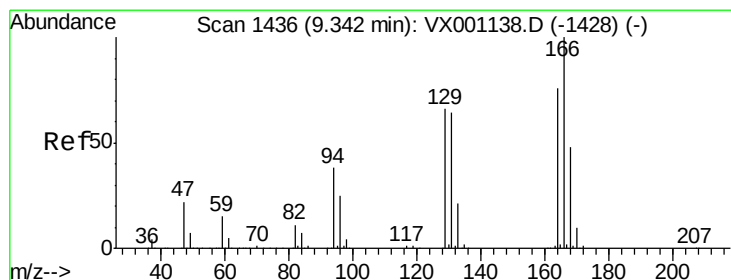
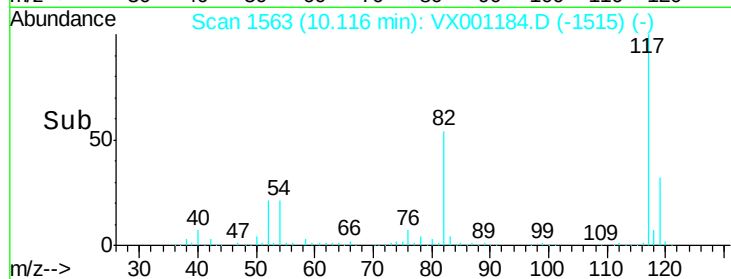
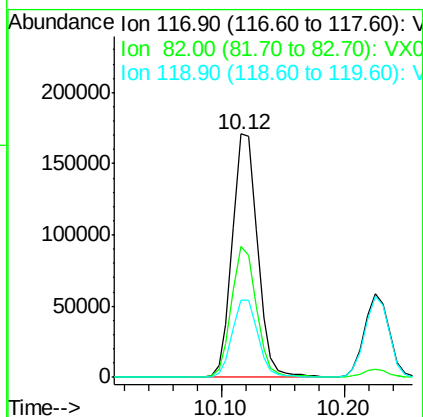
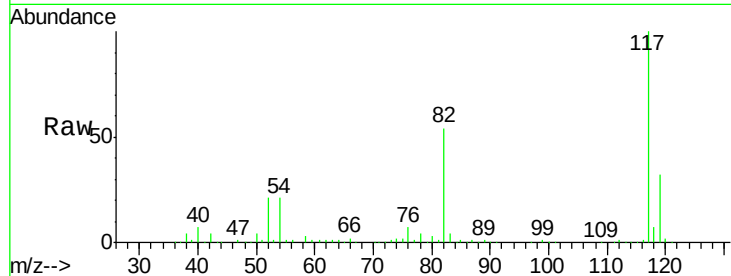




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

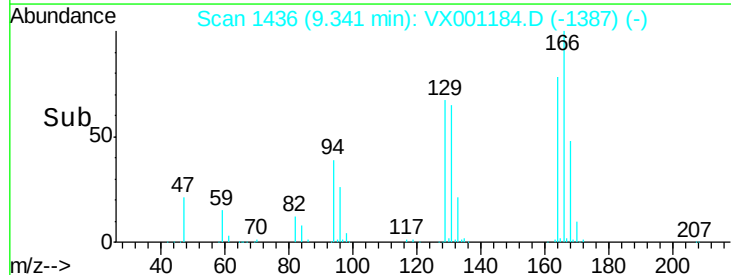
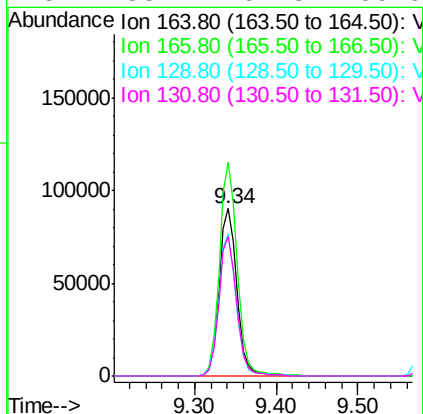
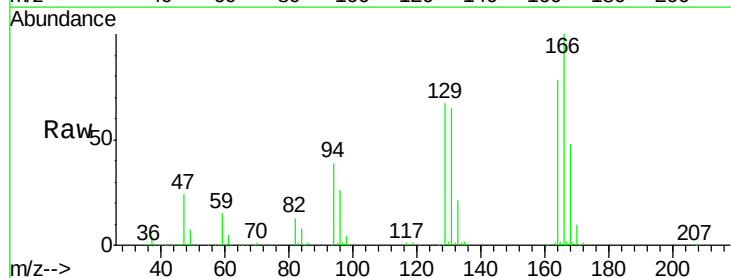
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

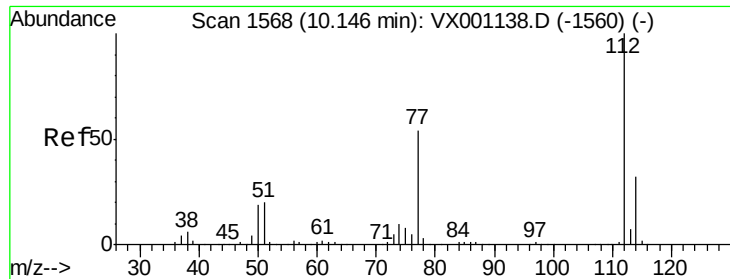
Tgt Ion:117 Resp: 243905
Ion Ratio Lower Upper
117 100
82 53.7 42.1 63.1
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 52.723 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion:164 Resp: 137262
Ion Ratio Lower Upper
164 100
166 127.5 105.0 157.6
129 84.9 69.4 104.2
131 83.4 67.3 100.9

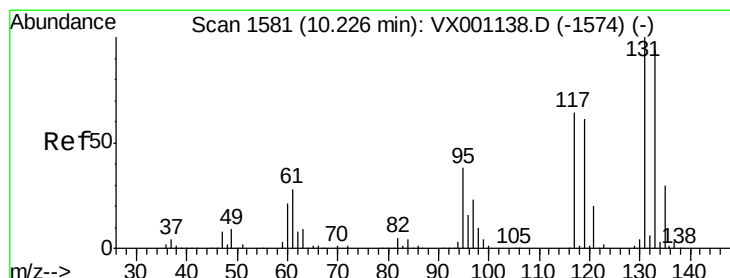
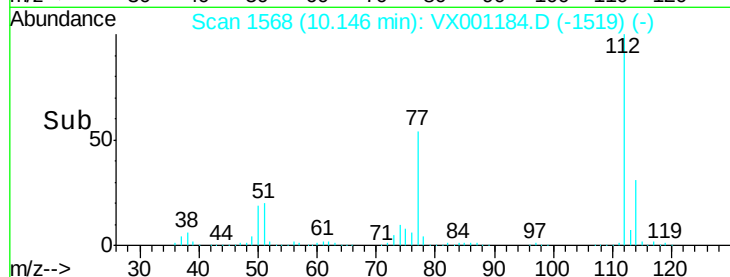
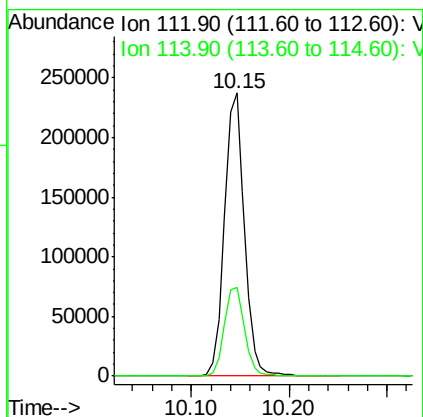
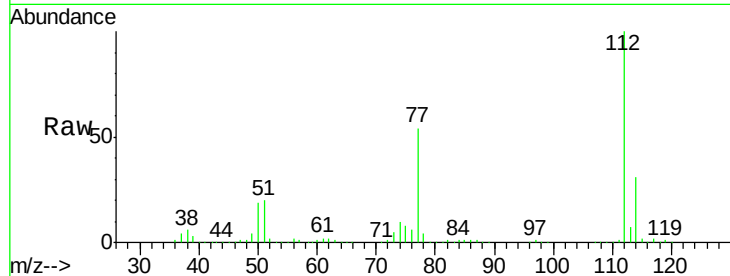




#65
Chlorobenzene
Concen: 52.505 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

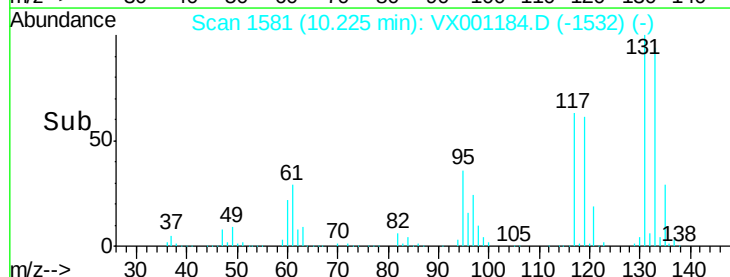
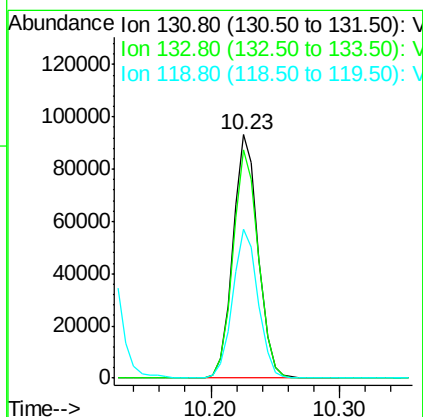
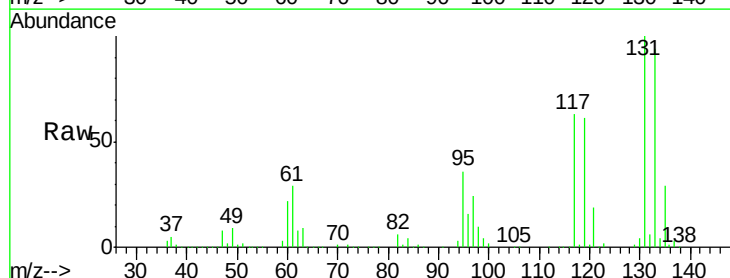
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

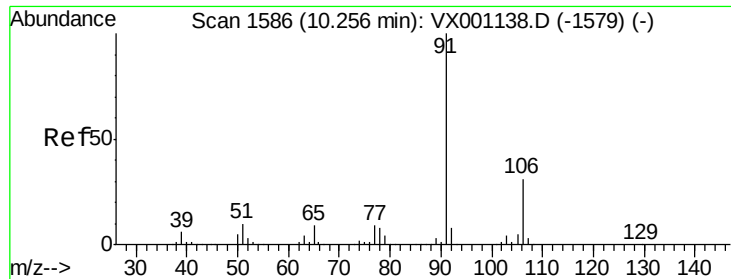
Tgt Ion:112 Resp: 335516
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.341 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion:131 Resp: 126776
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 61.5 31.3 93.8

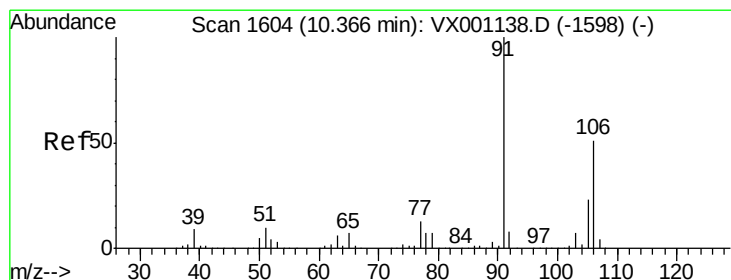
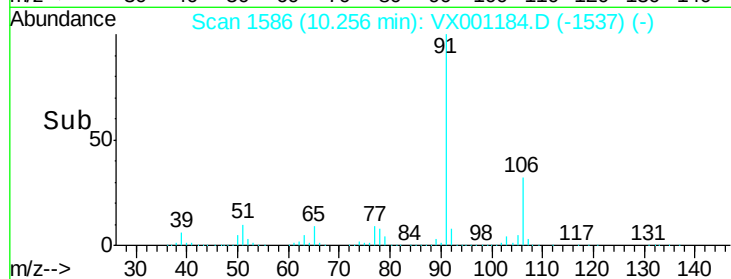
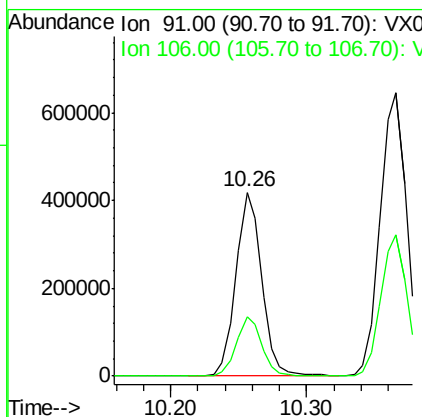
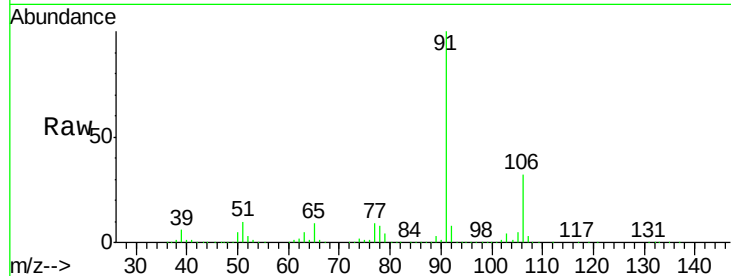




#67
Ethyl Benzene
Concen: 53.304 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

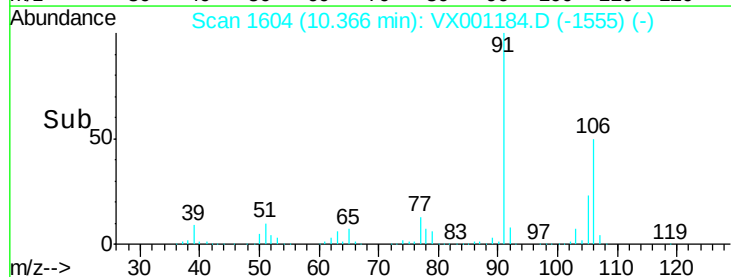
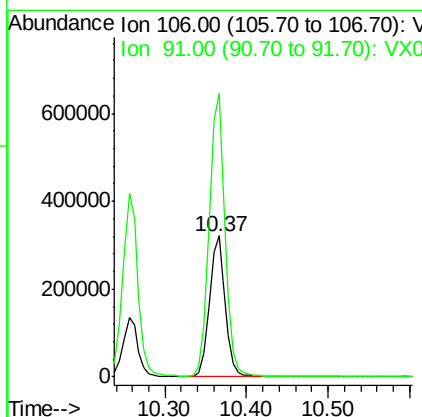
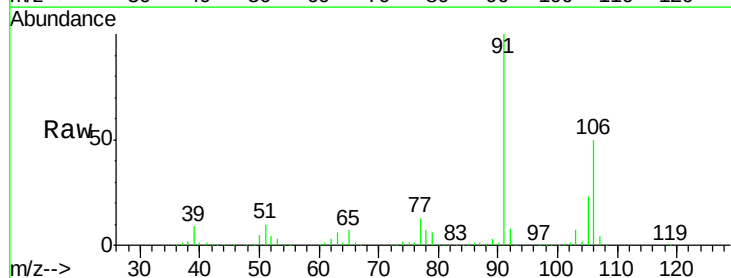
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

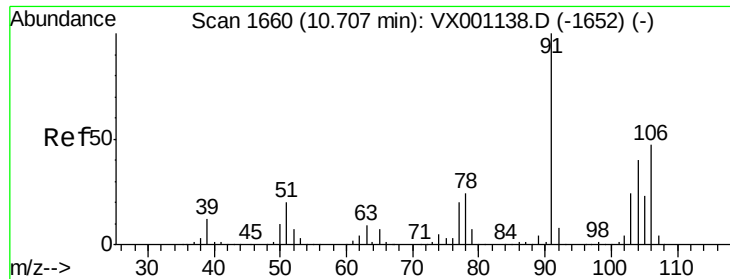
Tgt Ion: 91 Resp: 553440
Ion Ratio Lower Upper
91 100
106 32.2 24.8 37.2



#68
m/p-Xylenes
Concen: 107.130 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 106 Resp: 439732
Ion Ratio Lower Upper
106 100
91 203.5 160.9 241.3

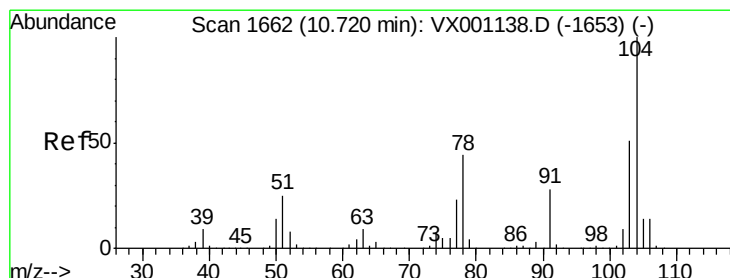
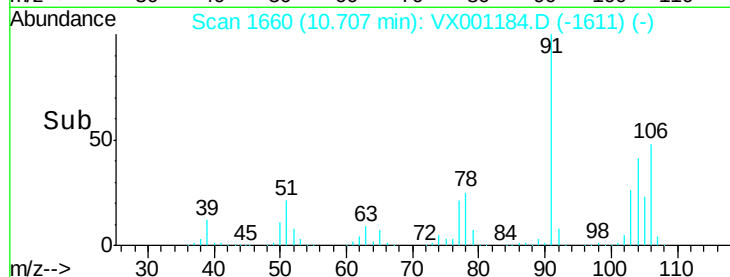
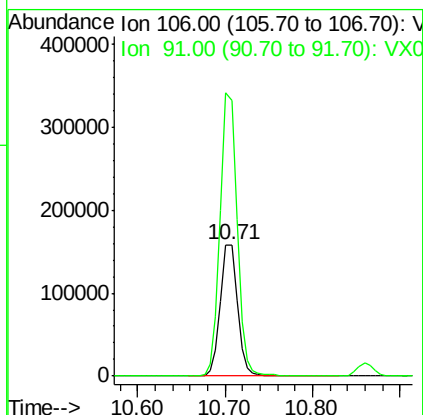
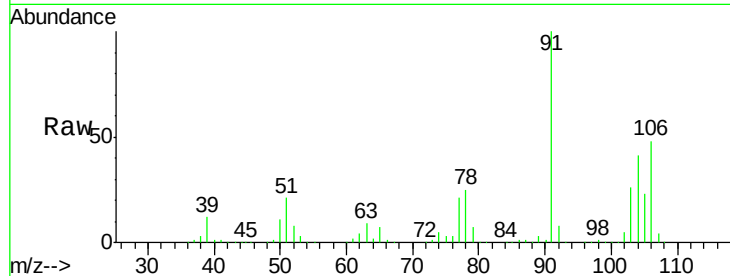




#69
o-Xylene
Concen: 54.334 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

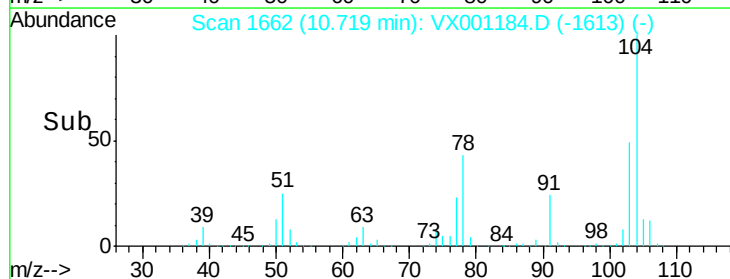
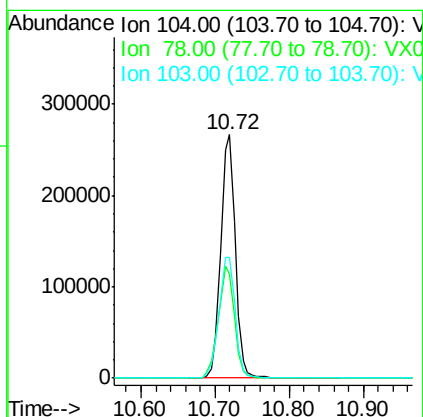
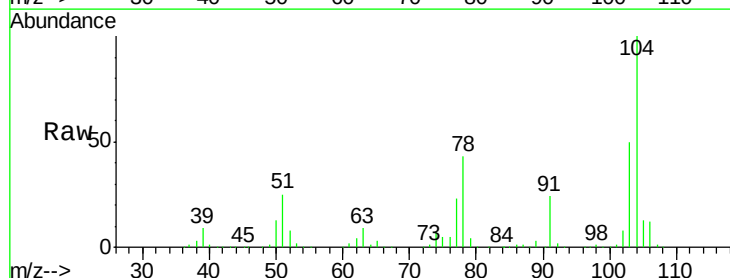
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

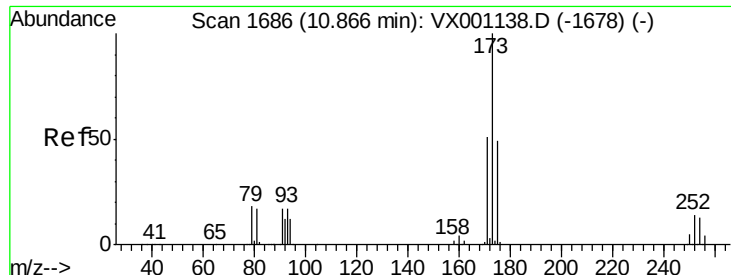
Tgt Ion:106 Resp: 216315
Ion Ratio Lower Upper
106 100
91 212.1 106.2 318.5



#70
Styrene
Concen: 54.700 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion:104 Resp: 362428
Ion Ratio Lower Upper
104 100
78 50.1 40.3 60.5
103 55.3 44.3 66.5





#71

Bromoform

Concen: 45.371 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

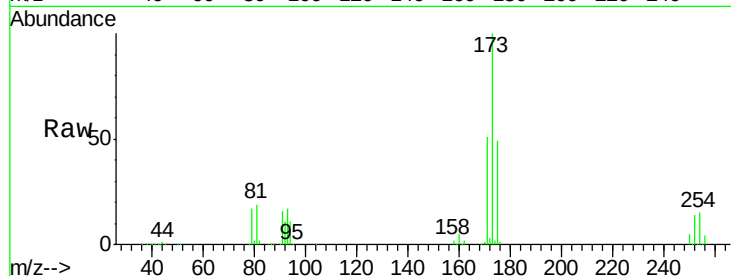
Tgt Ion:173 Resp: 104335

Ion Ratio Lower Upper

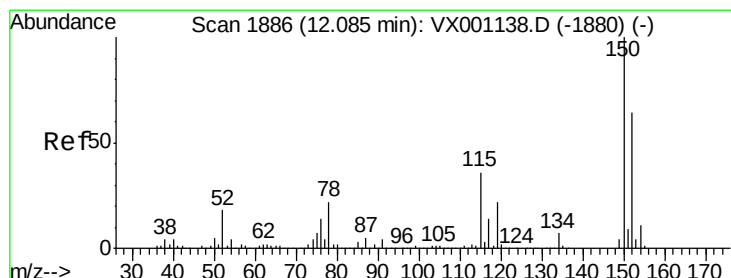
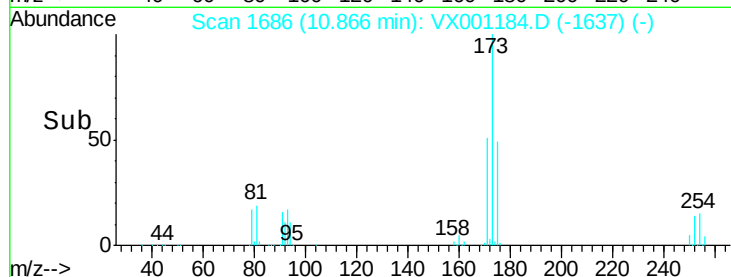
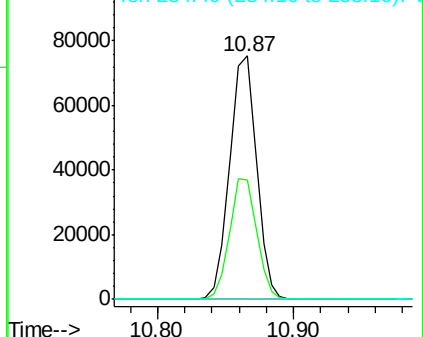
173 100

175 50.1 24.6 73.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

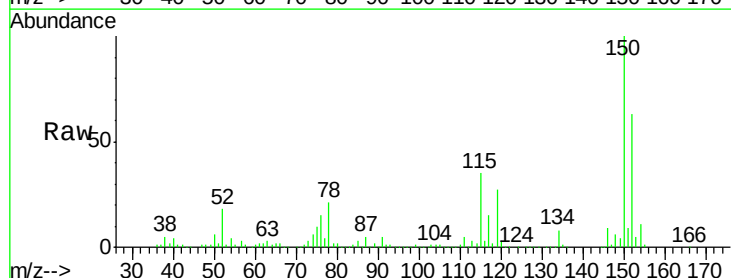
Tgt Ion:152 Resp: 165164

Ion Ratio Lower Upper

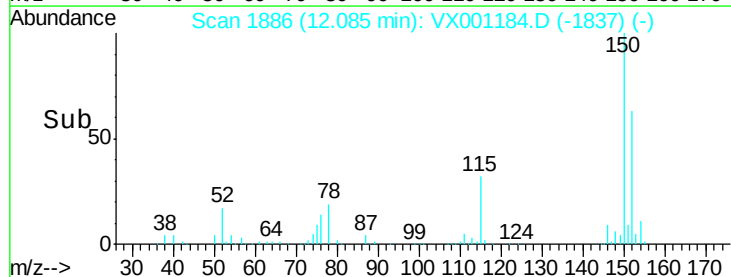
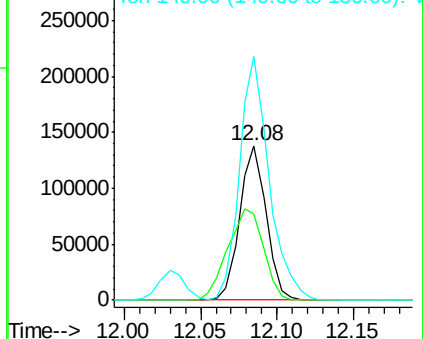
152 100

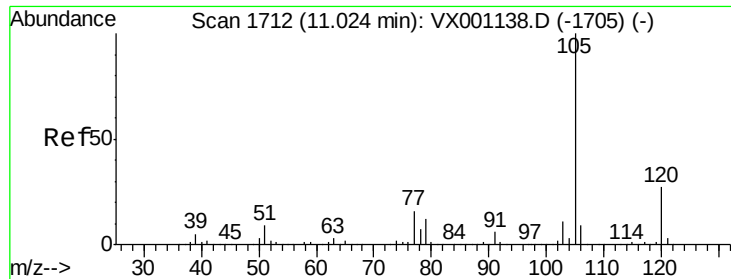
115 79.4 38.0 114.0

150 176.7 0.0 349.6



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

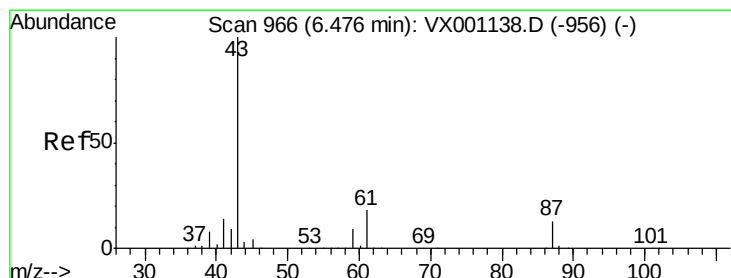
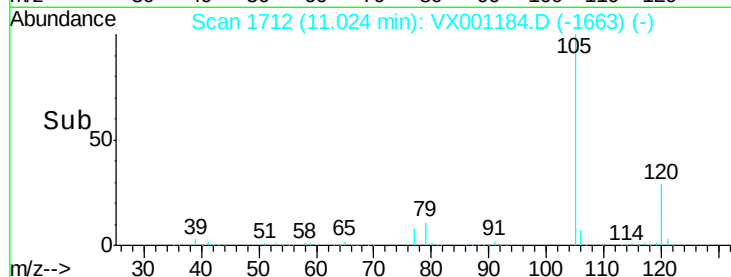
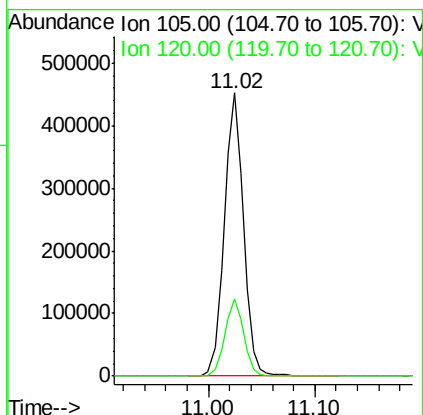
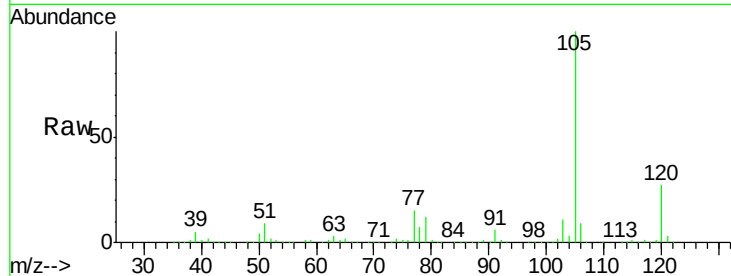




#73
Isopropylbenzene
Concen: 52.991 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

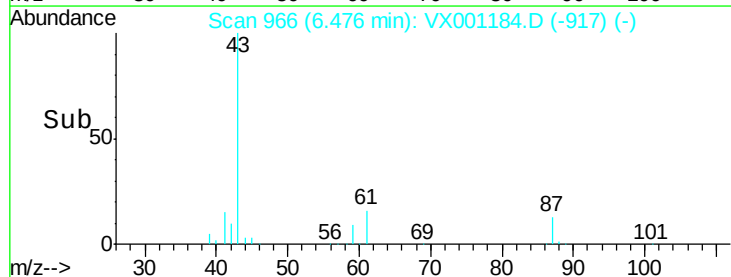
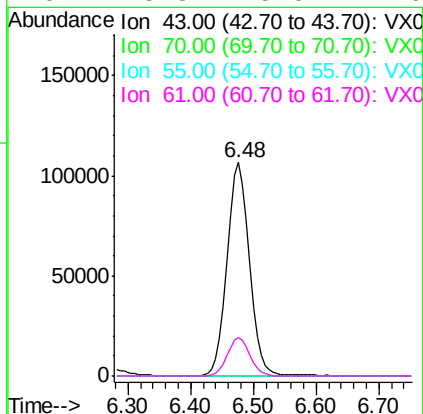
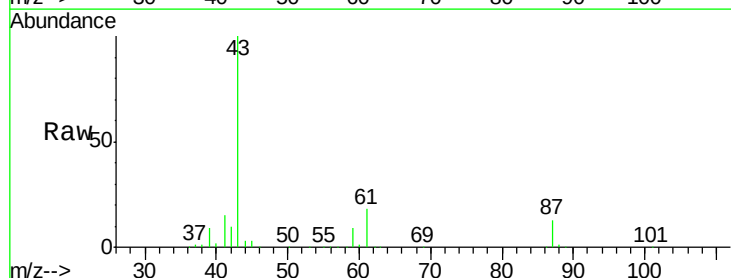
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

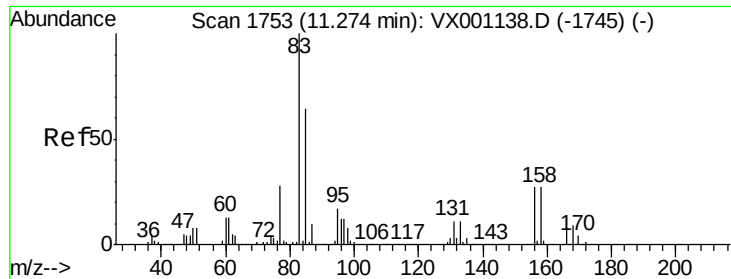
Tgt Ion: 105 Resp: 570456
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8



#74
N-ethyl acetate
Concen: 48.257 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 43 Resp: 261776
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 18.3 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.237 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

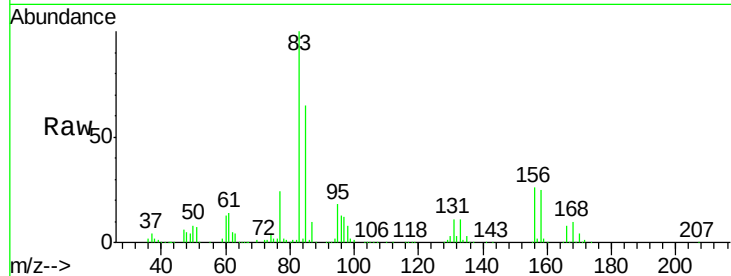
Tgt Ion: 83 Resp: 183008

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

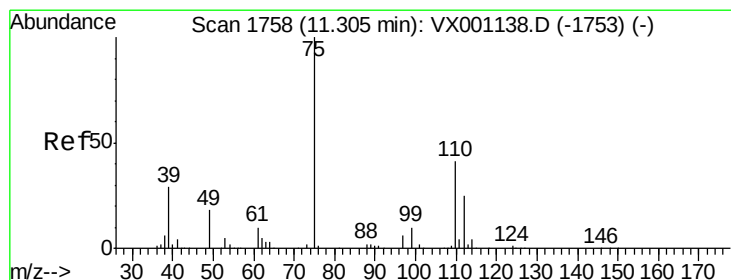
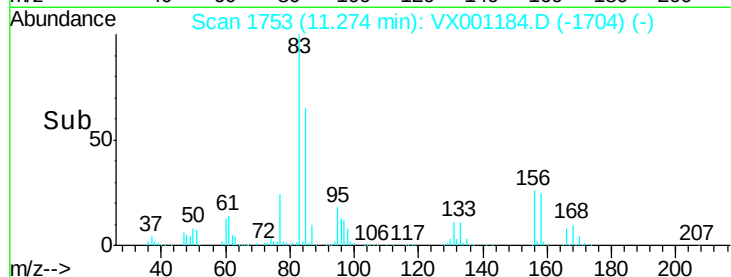
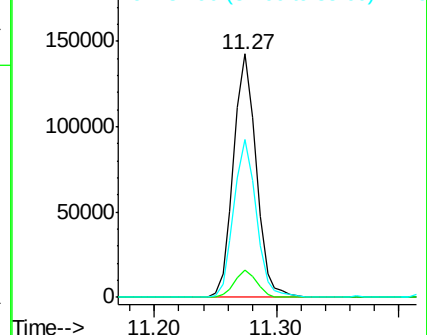
85 64.3 32.1 96.3



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: 59.816 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001184.D

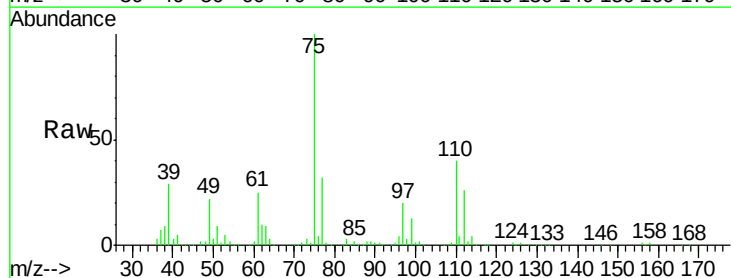
Acq: 27 Apr 2018 21:10

Tgt Ion: 75 Resp: 201171

Ion Ratio Lower Upper

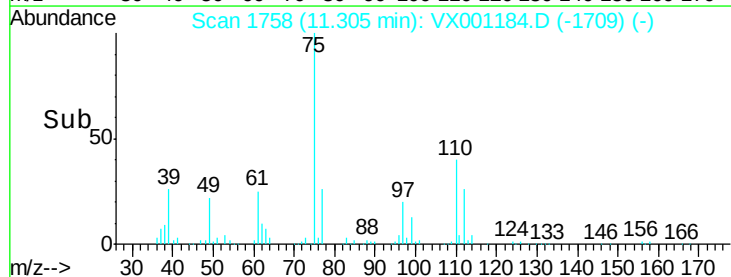
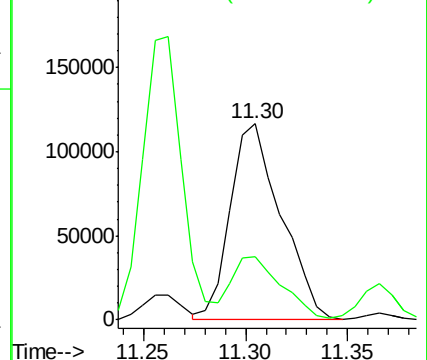
75 100

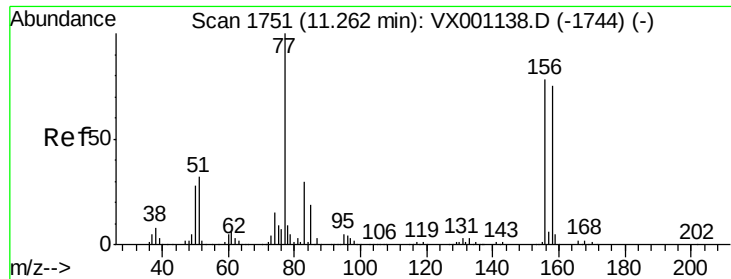
77 31.6 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.338 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

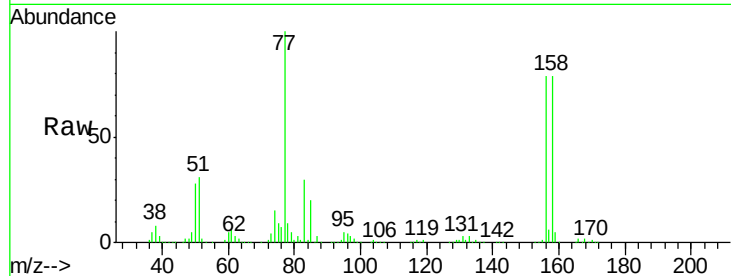
Tgt Ion:156 Resp: 170273

Ion Ratio Lower Upper

156 100

77 133.1 67.8 203.2

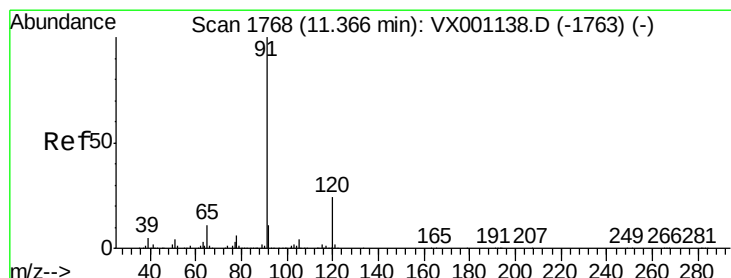
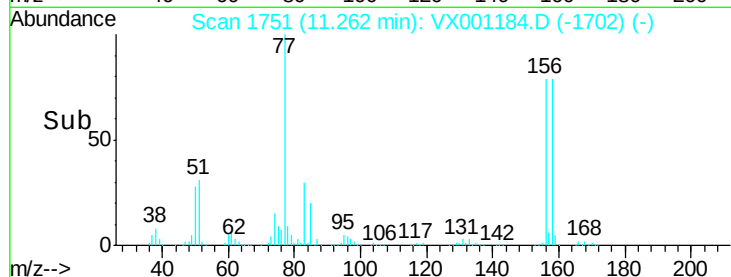
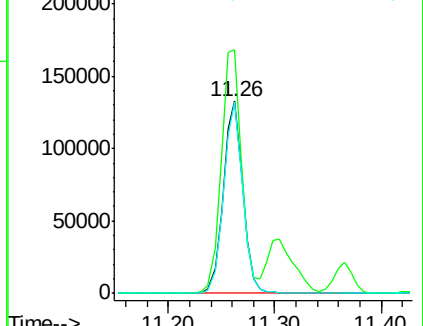
158 97.3 48.9 146.7



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: 53.479 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001184.D

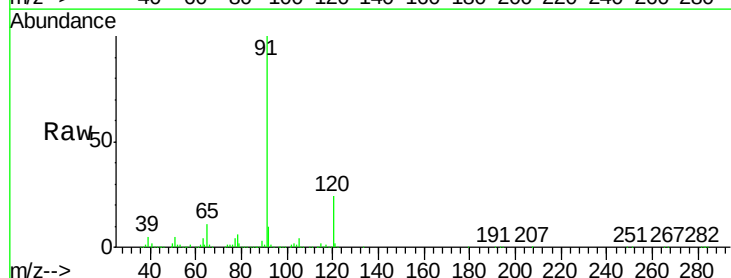
Acq: 27 Apr 2018 21:10

Tgt Ion: 91 Resp: 641959

Ion Ratio Lower Upper

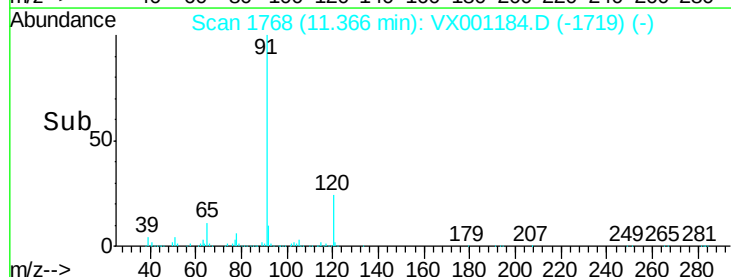
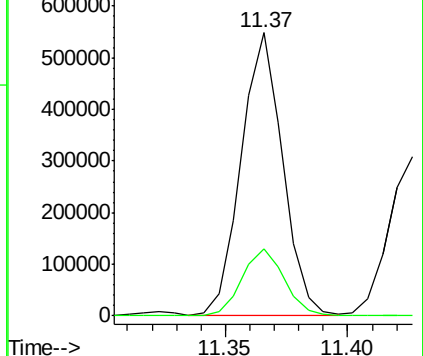
91 100

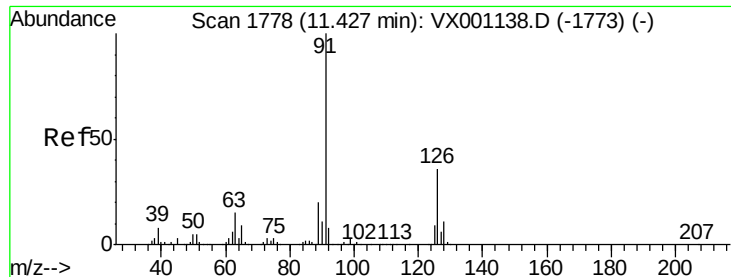
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

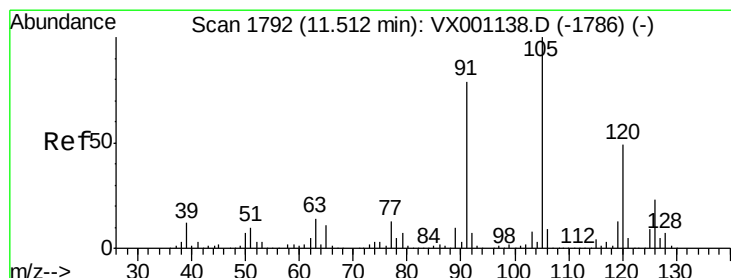
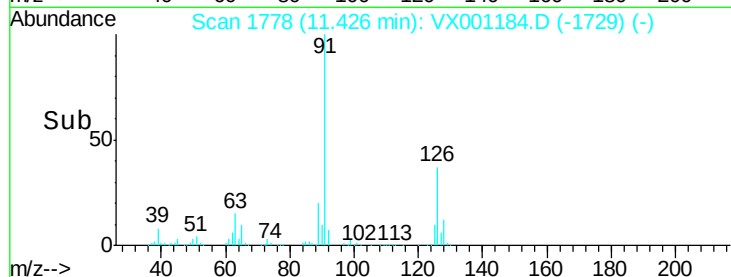
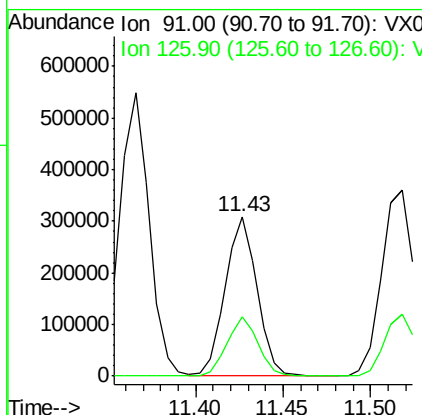
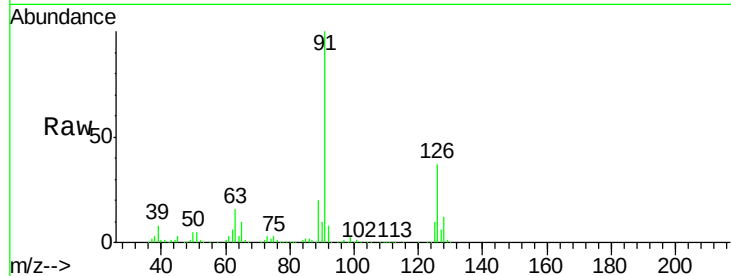




#79
 2-Chlorotoluene
 Concen: 51.856 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

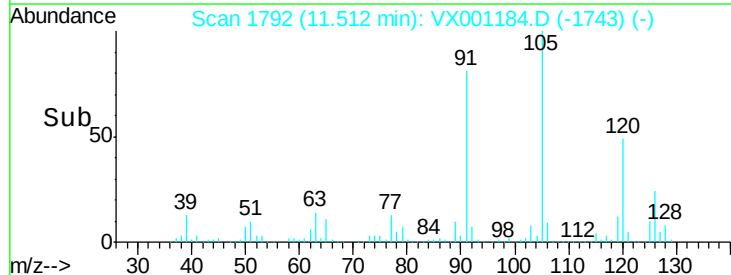
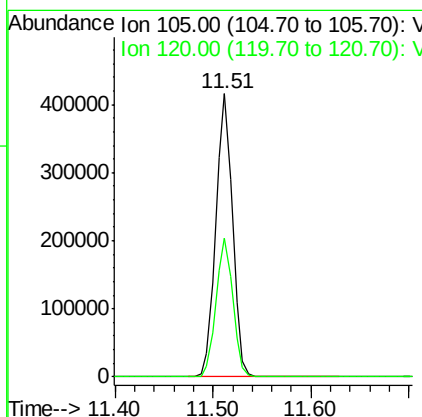
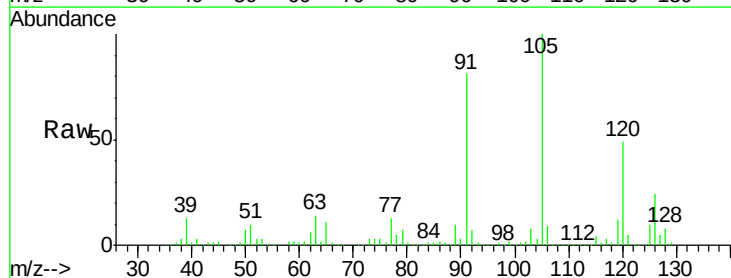
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

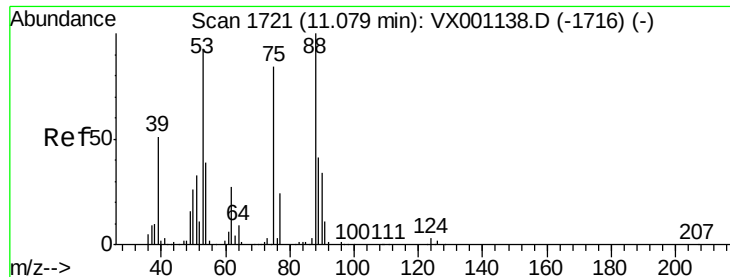
Tgt Ion: 91 Resp: 385868
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.2 54.6



#80
 1,3,5-Trimethylbenzene
 Concen: 54.105 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion: 105 Resp: 493135
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 41.164 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001184.D

Acq: 27 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

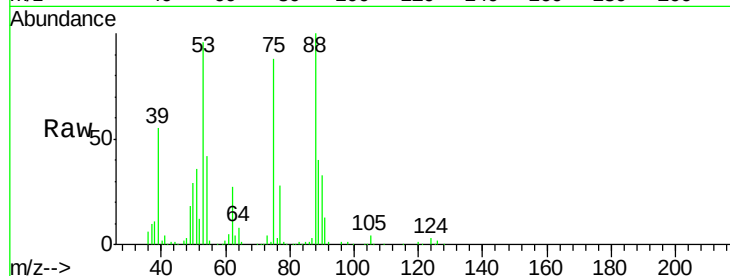
Tgt Ion: 75 Resp: 42468

Ion Ratio Lower Upper

75 100

53 113.0 87.9 131.9

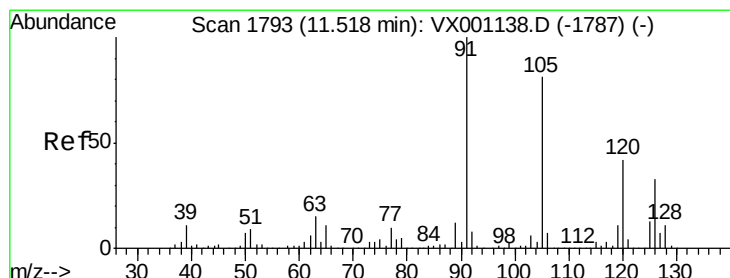
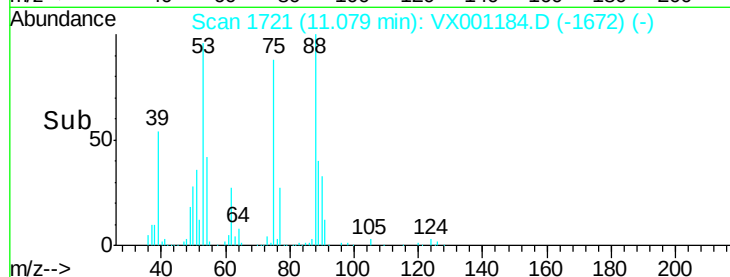
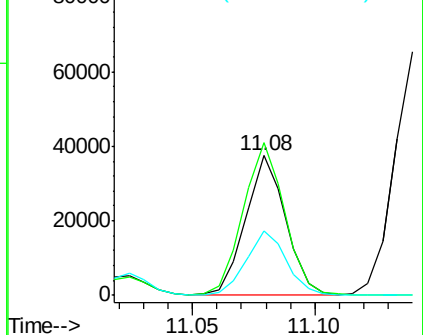
89 47.1 37.7 56.5



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: 52.927 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001184.D

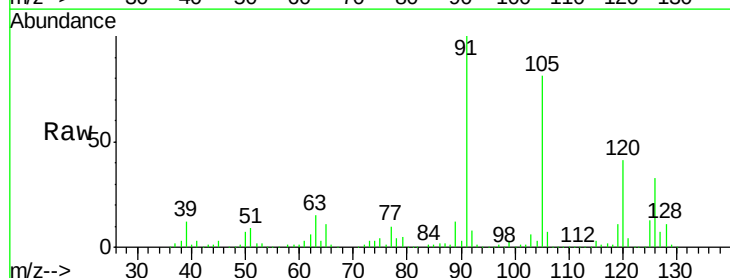
Acq: 27 Apr 2018 21:10

Tgt Ion: 91 Resp: 468124

Ion Ratio Lower Upper

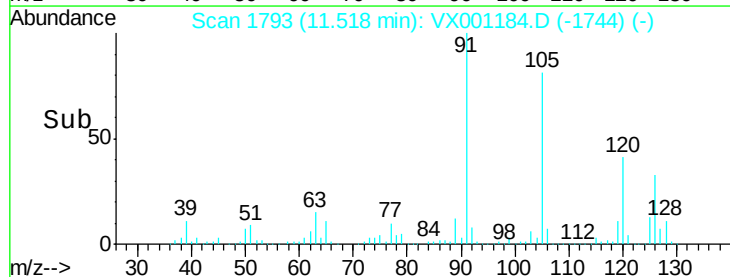
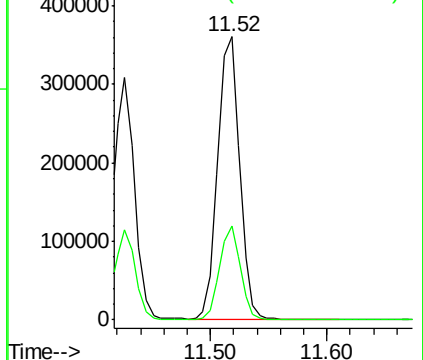
91 100

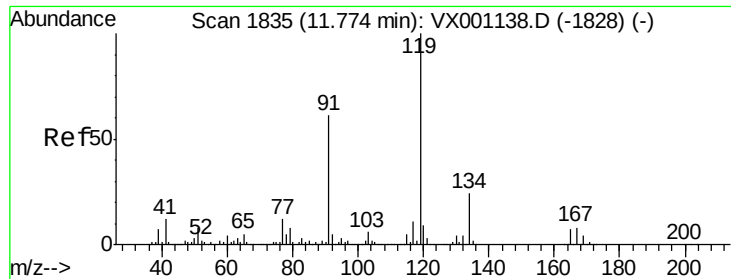
126 31.7 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

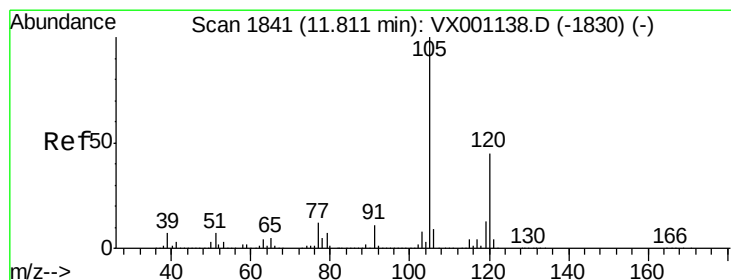
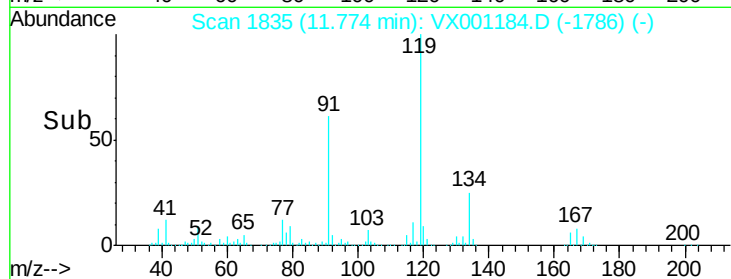
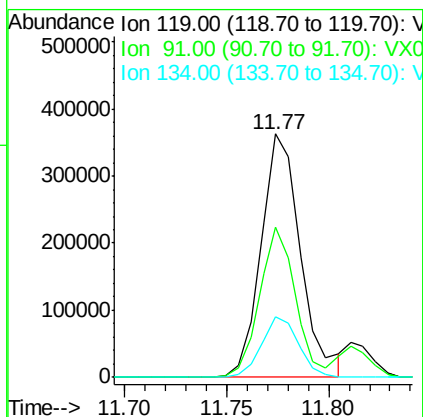
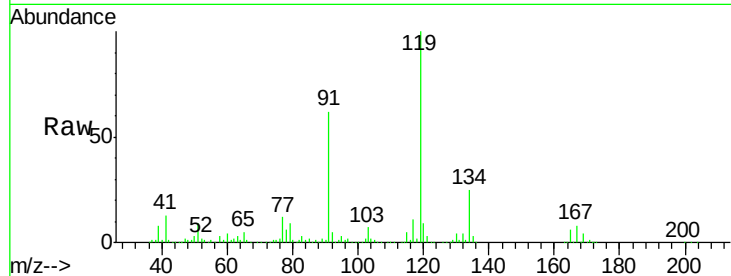




#83
 tert-Butylbenzene
 Concen: 53.756 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

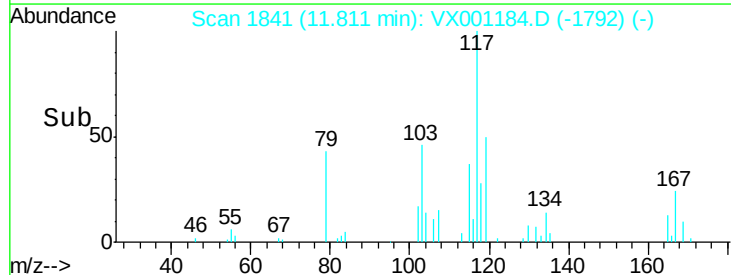
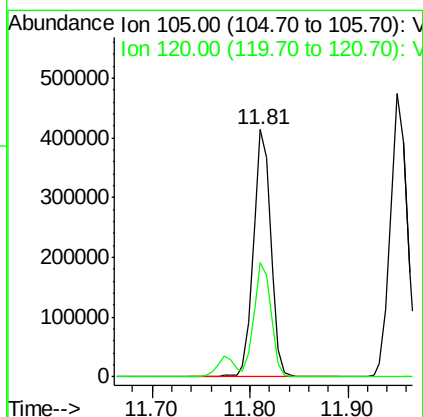
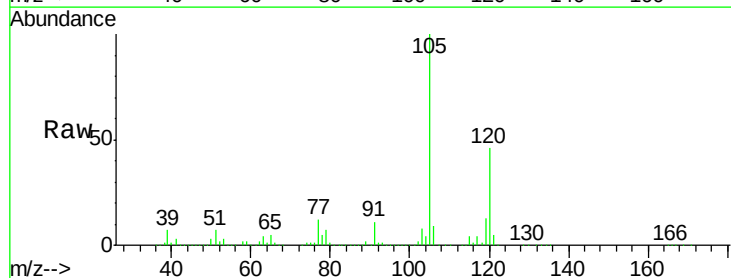
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

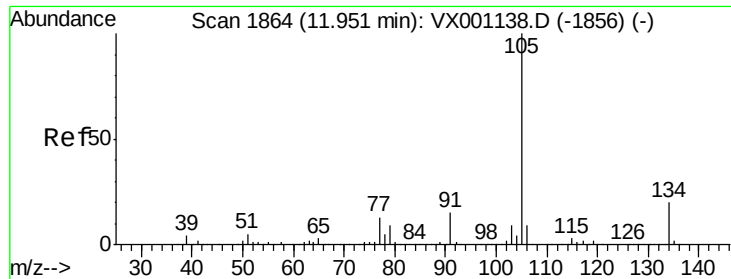
Tgt Ion:119 Resp: 488950
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.6 82.8
 134 23.5 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.406 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion:105 Resp: 509693
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3

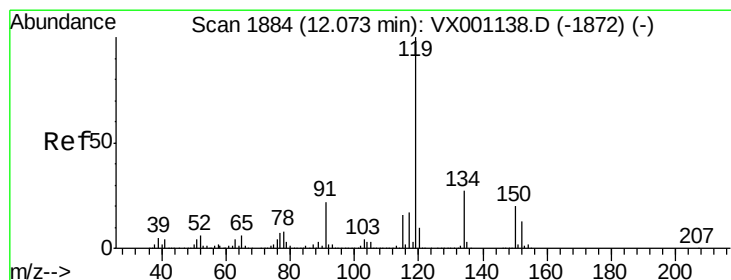
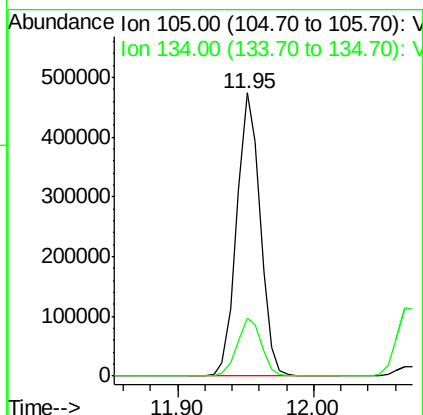
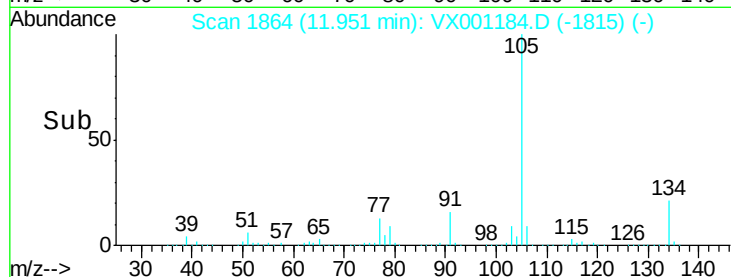
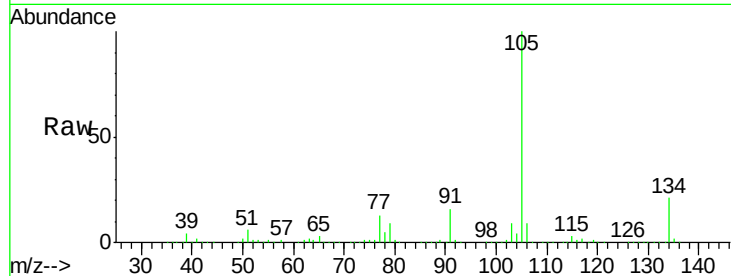




#85
 sec-Butylbenzene
 Concen: 53.536 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

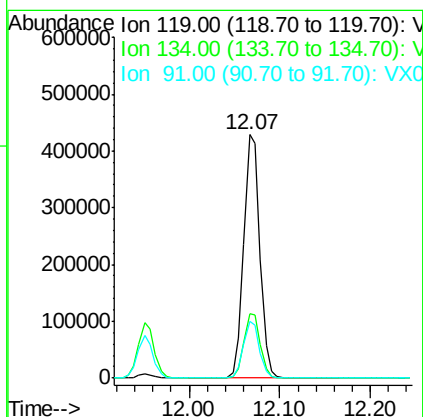
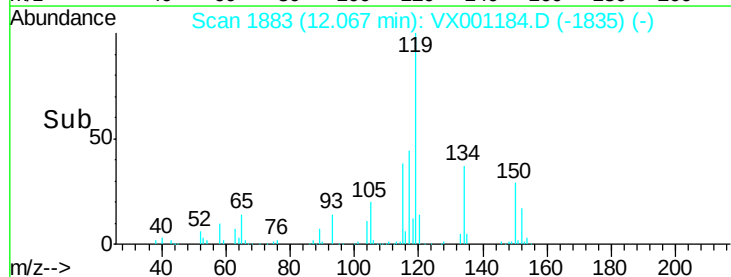
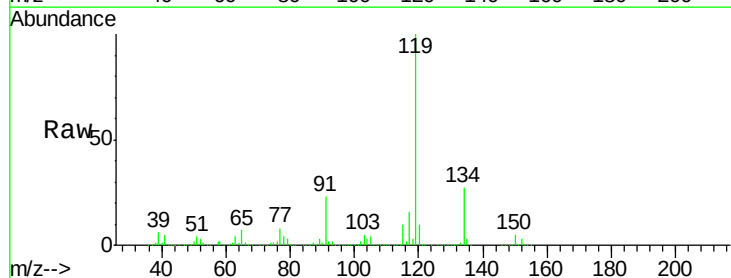
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

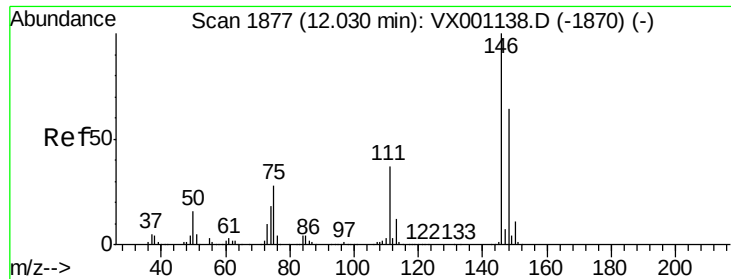
Tgt Ion:105 Resp: 568844
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 53.451 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion:119 Resp: 528320
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.2 11.6 34.8

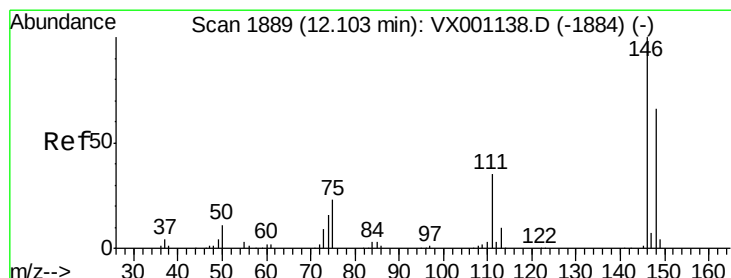
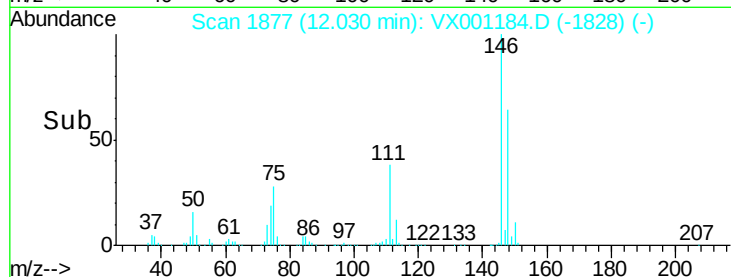
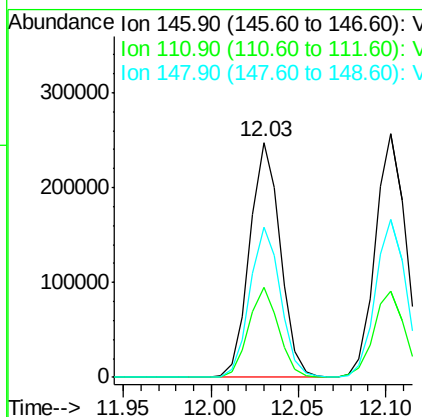
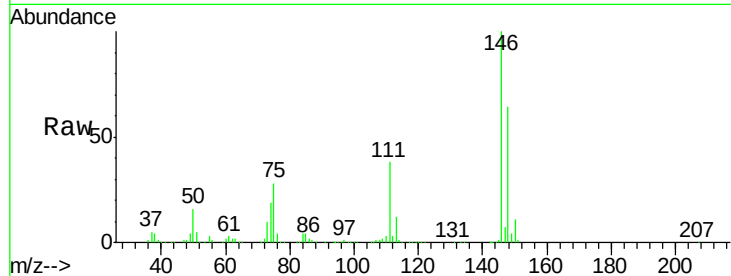




#87
 1,3-Dichlorobenzene
 Concen: 53.090 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

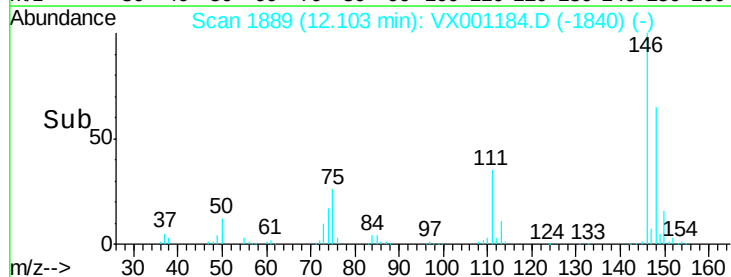
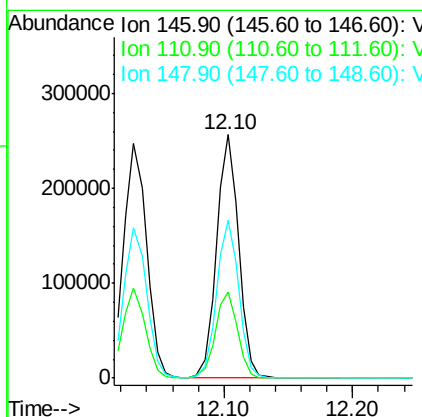
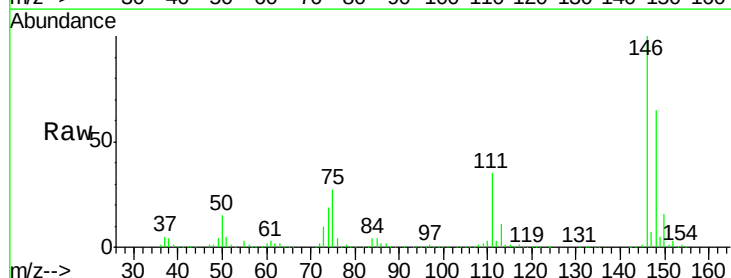
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

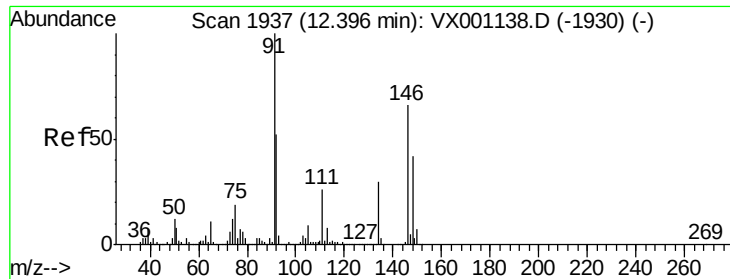
Tgt Ion:146 Resp: 304265
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 56.0
 148 63.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 52.090 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion:146 Resp: 311040
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.0 54.0
 148 65.1 32.5 97.5

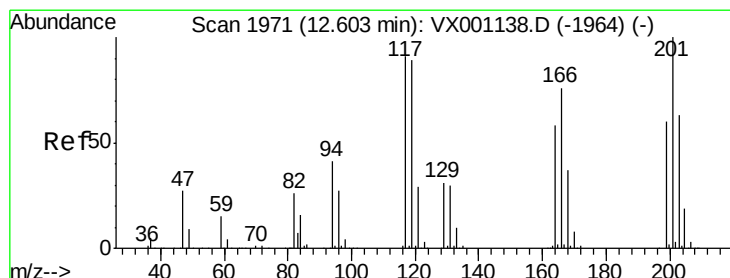
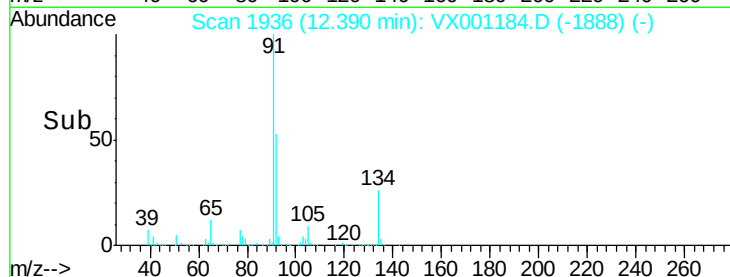
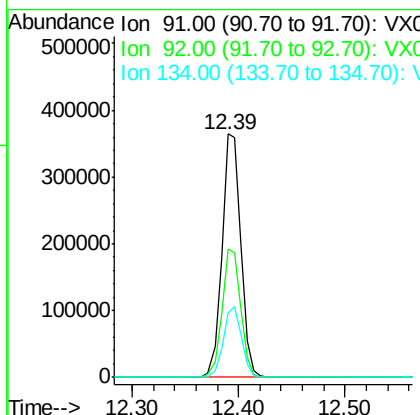
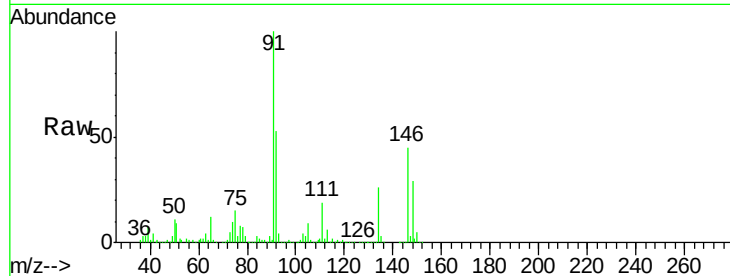




#89
n-Butylbenzene
Concen: 52.418 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

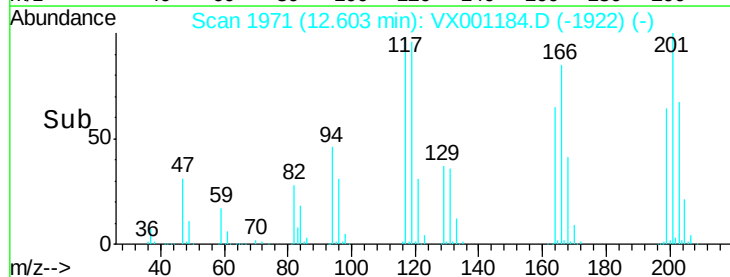
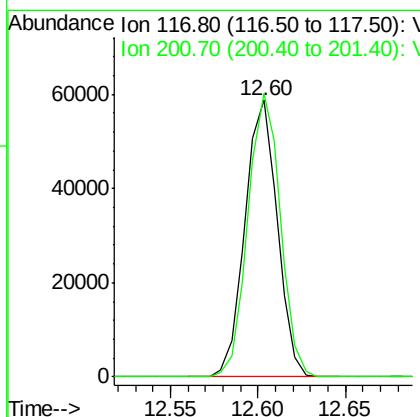
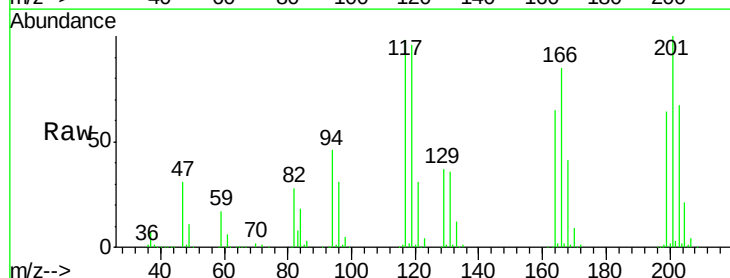
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

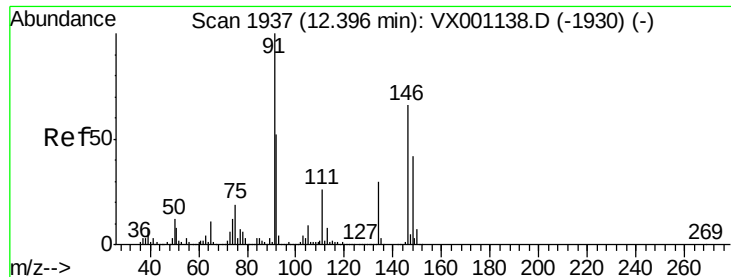
Tgt Ion: 91 Resp: 448428
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.6
134 28.0 14.1 42.3



#90
Hexachloroethane
Concen: 47.739 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion: 117 Resp: 75885
Ion Ratio Lower Upper
117 100
201 102.7 51.8 155.4

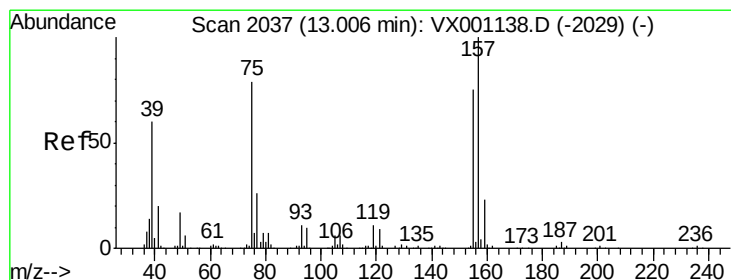
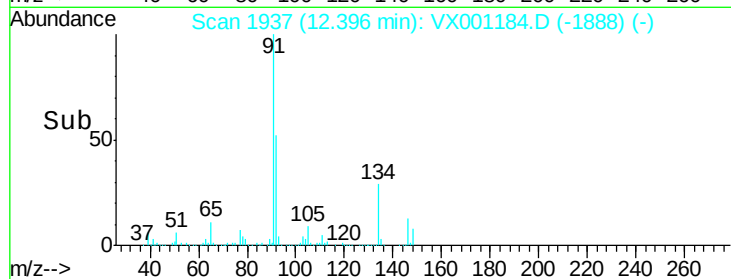
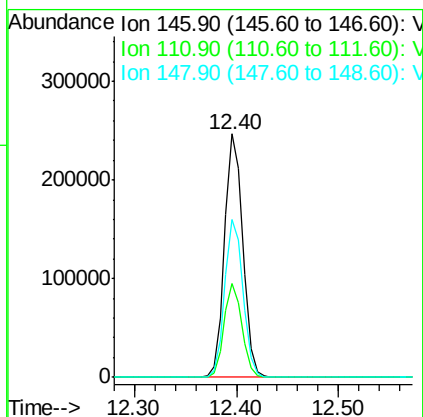
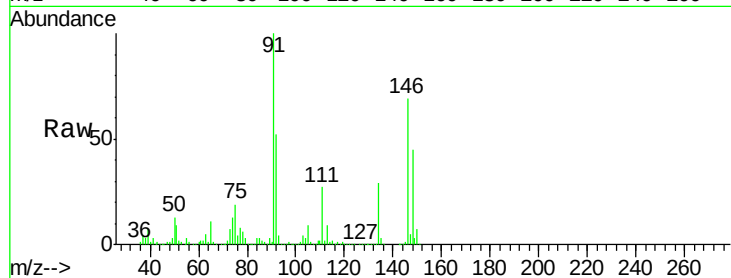




#91
 1,2-Dichlorobenzene
 Concen: 52.884 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

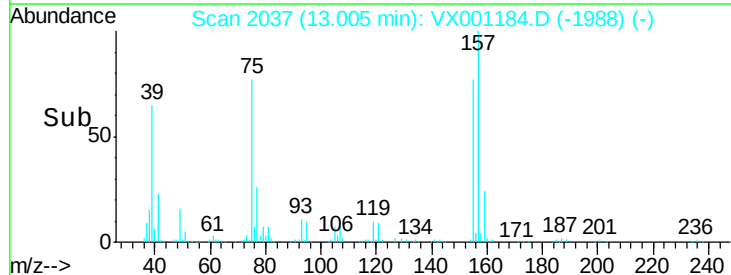
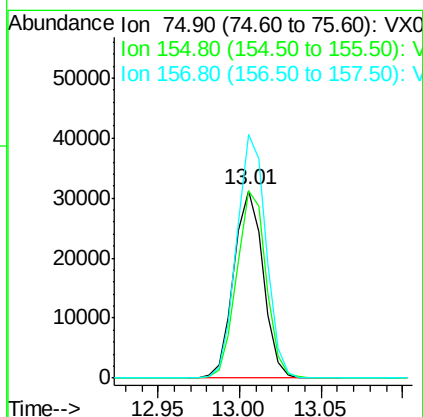
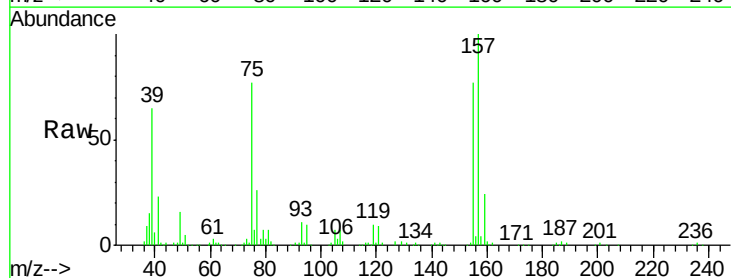
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

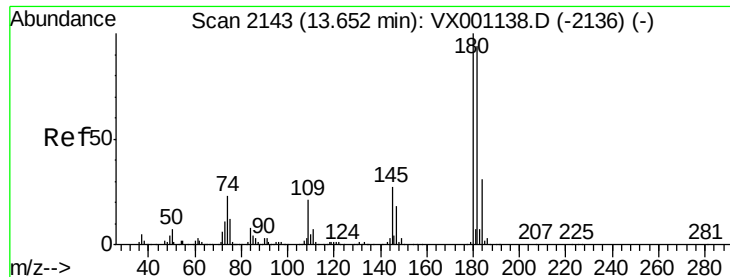
Tgt Ion: 146 Resp: 306331
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.3
 148 64.8 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.611 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion: 75 Resp: 39106
 Ion Ratio Lower Upper
 75 100
 155 99.9 48.4 145.3
 157 130.4 62.7 188.1

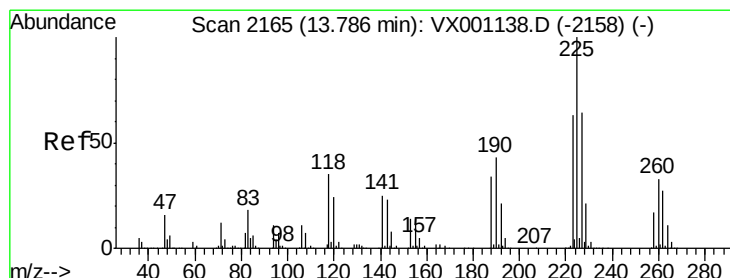
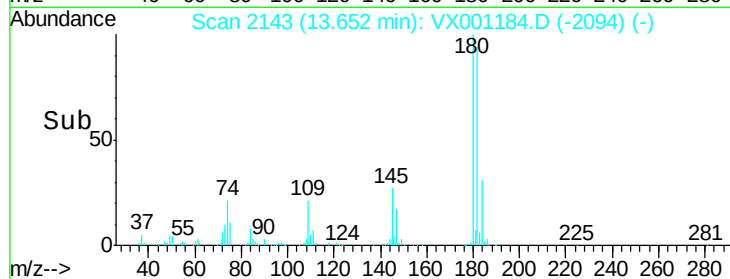
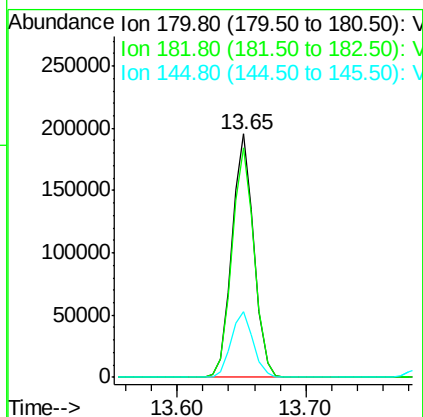
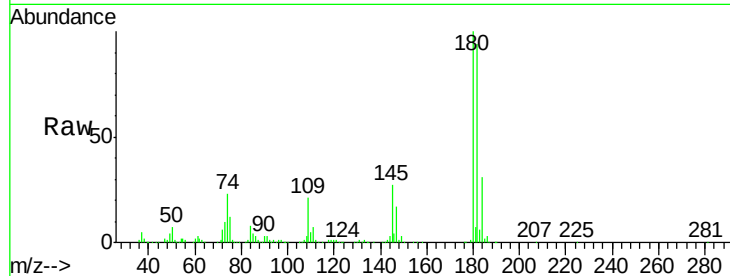




#93
 1,2,4-Trichlorobenzene
 Concen: 50.999 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

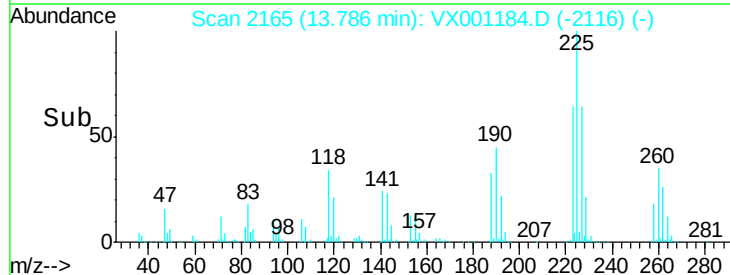
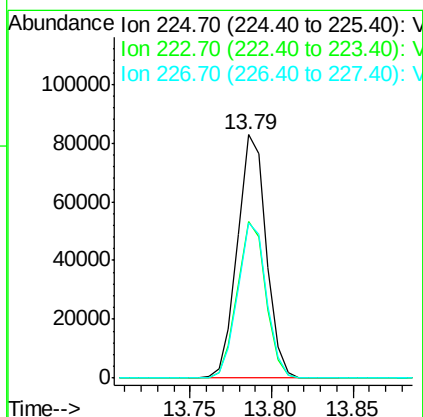
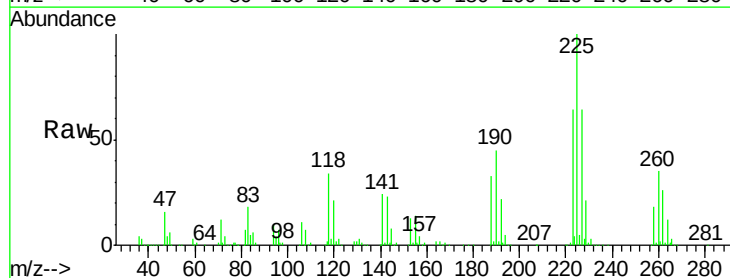
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

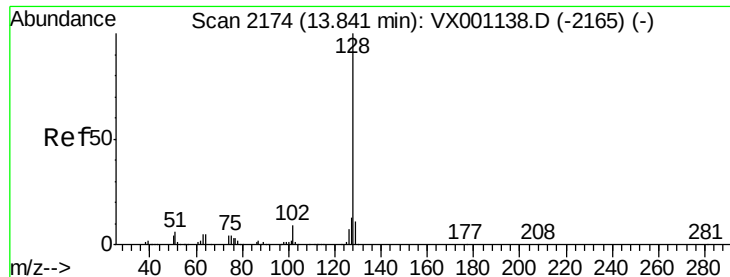
Tgt Ion:180 Resp: 231583
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.6
 145 27.5 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 47.678 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001184.D
 Acq: 27 Apr 2018 21:10

Tgt Ion:225 Resp: 101771
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.3 93.9
 227 63.9 32.2 96.6

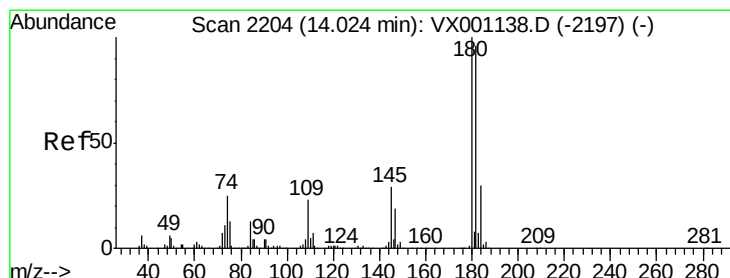
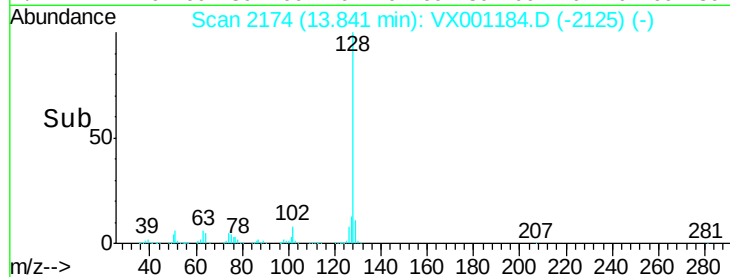
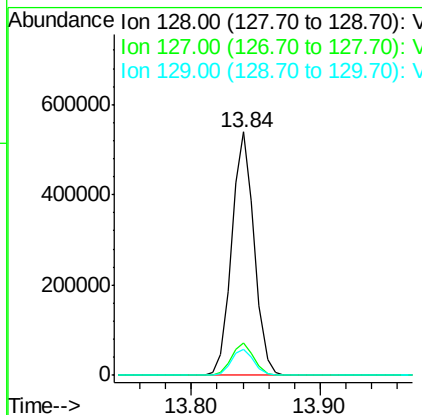
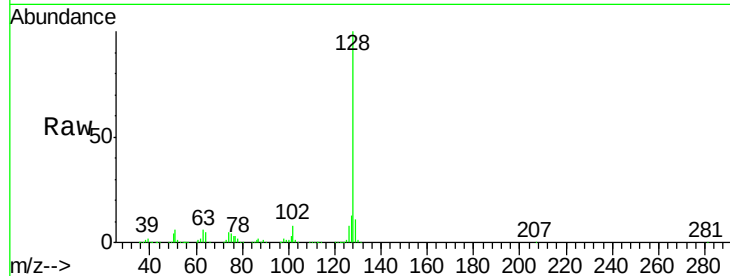




#95
Naphthalene
Concen: 51.537 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 652059
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.331 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001184.D
Acq: 27 Apr 2018 21:10

Tgt Ion:180 Resp: 231959
Ion Ratio Lower Upper
180 100
182 96.7 48.2 144.6
145 28.9 14.5 43.5

