

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
 Data File : VX001074.D
 Acq On : 23 Apr 2018 21:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 24 07:07:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197232	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	132206	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	5.51	113	109273	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.72	98	393337	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.14	95	162989	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	135053	50.45	ug/l	100
3) Chloromethane	1.32	50	110449	44.31	ug/l	99
4) Vinyl Chloride	1.40	62	123709	47.88	ug/l	100
5) Bromomethane	1.64	94	71307	47.68	ug/l	99
6) Chloroethane	1.72	64	73931	48.16	ug/l	99
7) Trichlorofluoromethane	1.93	101	190260	49.02	ug/l	100
8) Diethyl Ether	2.19	74	69397	48.41	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	107402	47.23	ug/l	99
10) Methyl Iodide	2.51	142	85391	39.87	ug/l	100
11) Tert butyl alcohol	3.08	59	116362	282.00	ug/l	100
12) 1,1-Dichloroethene	2.37	96	100560	47.82	ug/l	97
13) Acrolein	2.30	56	49917	382.25	ug/l	100
14) Allyl chloride	2.73	41	182431	47.93	ug/l	99
15) Acrylonitrile	3.15	53	281937	252.46	ug/l	100
16) Acetone	2.45	43	271356	263.38	ug/l	99
17) Carbon Disulfide	2.57	76	257103	42.90	ug/l	99
18) Methyl Acetate	2.78	43	180417	57.87	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	351919	49.78	ug/l	98
20) Methylene Chloride	2.86	84	111994	51.62	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	108289	46.26	ug/l	99
22) Diisopropyl ether	3.88	45	365006	49.54	ug/l	99
23) Vinyl Acetate	3.83	43	1472098	241.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	196269	47.49	ug/l	99
25) 2-Butanone	4.72	43	414010	257.42	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148441	41.76	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	123832	47.48	ug/l	98
28) Bromochloromethane	5.03	49	85580	53.85	ug/l	98
29) Tetrahydrofuran	5.18	42	260704	256.51	ug/l	100
30) Chloroform	5.23	83	209200	48.88	ug/l	97
31) Cyclohexane	5.58	56	176356	45.72	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	190124	49.55	ug/l	100
36) 1,1-Dichloropropene	5.81	75	155276	44.54	ug/l	100
37) Ethyl Acetate	4.87	43	157621	49.29	ug/l	100
38) Carbon Tetrachloride	5.79	117	167647	47.49	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	183352	45.18	ug/l	99
40) Benzene	6.15	78	454031	46.85	ug/l	99
41) Methacrylonitrile	5.07	41	93691	46.92	ug/l	99
42) 1,2-Dichloroethane	6.21	62	179225	48.18	ug/l	99
43) Isopropyl Acetate	6.48	43	270082	49.23	ug/l	99
44) Trichloroethene	7.22	130	134372	45.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	116712	47.89	ug/l	99
46) Dibromomethane	7.67	93	81600	47.92	ug/l	98
47) Bromodichloromethane	7.91	83	155147	49.18	ug/l	98
48) Methyl methacrylate	7.79	41	144713	48.99	ug/l	99
49) 1,4-Dioxane	7.76	88	49095	1130.15	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	863615	259.26	ug/l	99
52) Toluene	8.79	92	300073	47.44	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	183901	48.75	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	175056	49.21	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	122577	48.75	ug/l	98
56) Ethyl methacrylate	9.19	69	183036	49.56	ug/l	98
57) 1,3-Dichloropropane	9.38	76	197487	47.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	454960	252.43	ug/l	100
59) 2-Hexanone	9.51	43	654216	256.58	ug/l	99
60) Dibromochloromethane	9.59	129	134051	50.76	ug/l	99
61) 1,2-Dibromoethane	9.68	107	130011	49.00	ug/l	99
64) Tetrachloroethene	9.34	164	145269	47.96	ug/l	99
65) Chlorobenzene	10.15	112	357117	47.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	130078	49.90	ug/l	100
67) Ethyl Benzene	10.26	91	592870	47.01	ug/l	99
68) m/p-Xylenes	10.37	106	468861	94.33	ug/l	99
69) o-Xylene	10.71	106	227326	47.44	ug/l	98
70) Styrene	10.72	104	379072	48.03	ug/l	100
71) Bromoform	10.87	173	109043	45.21	ug/l	100
73) Isopropylbenzene	11.02	105	615942	47.77	ug/l	99
74) N-amyl acetate	6.48	43	270082	48.97	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184493	50.54	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	206873	60.45	ug/l	88
77) Bromobenzene	11.26	156	176368	47.12	ug/l	99
78) n-propylbenzene	11.37	91	696098	47.03	ug/l	100
79) 2-Chlorotoluene	11.43	91	412958	47.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	528257	48.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	46423	42.17	ug/l	97
82) 4-Chlorotoluene	11.52	91	496151	46.94	ug/l	99
83) tert-Butylbenzene	11.77	119	534680	48.49	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	544507	48.41	ug/l	99
85) sec-Butylbenzene	11.95	105	629830	47.85	ug/l	100
86) p-Isopropyltoluene	12.07	119	584488	48.01	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	320990	45.81	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	329376	45.80	ug/l	100
89) n-Butylbenzene	12.40	91	496155	45.80	ug/l	100
90) Hexachloroethane	12.60	117	88641	51.38	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	323457	47.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41380	54.11	ug/l	96

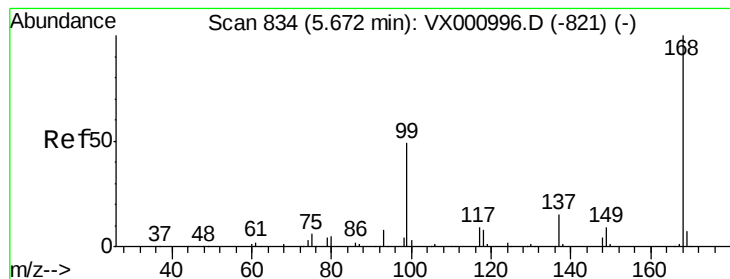
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	253758	44.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	118415	45.96	ug/l	100
95) Naphthalene	13.84	128	696120	49.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	253190	45.97	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

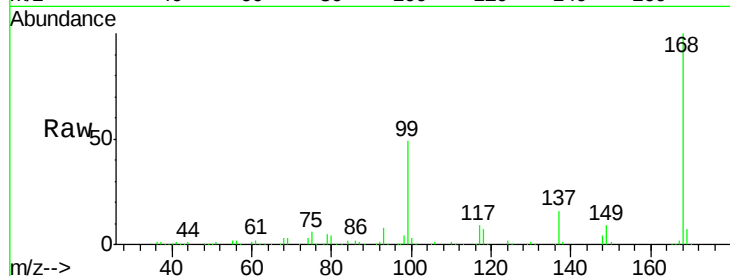
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 168 Resp: 215843

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

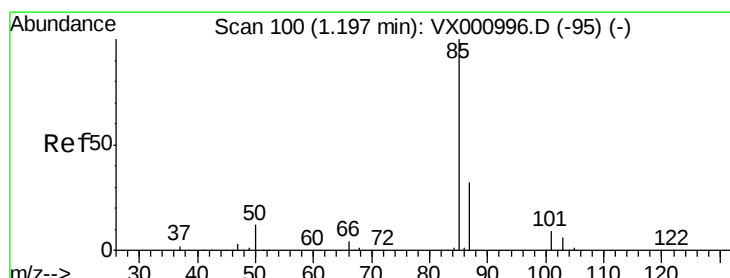
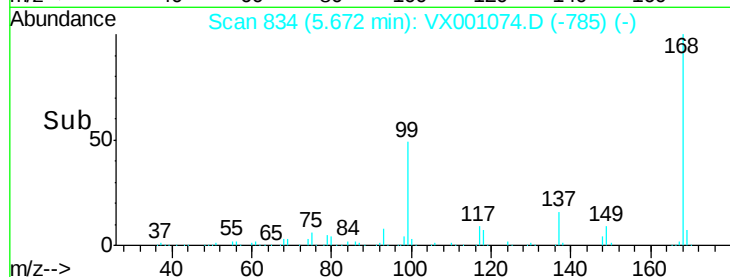
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.45 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001074.D

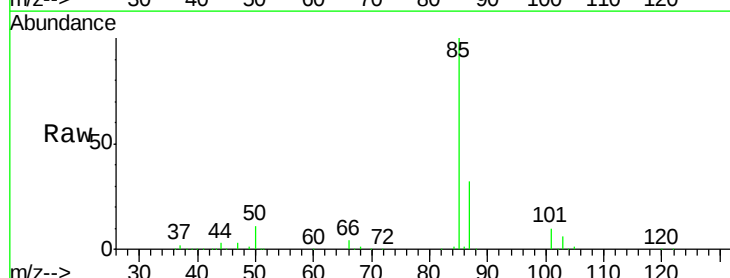
Acq: 23 Apr 2018 21:51

Tgt Ion: 85 Resp: 135053

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

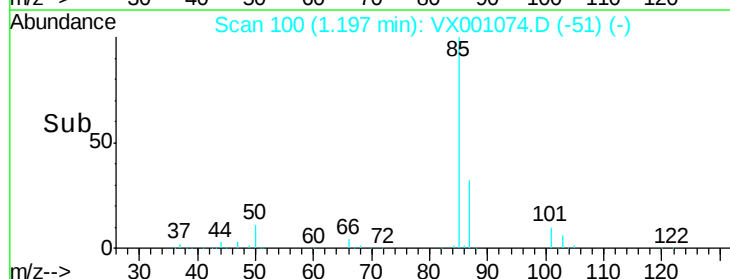
100000

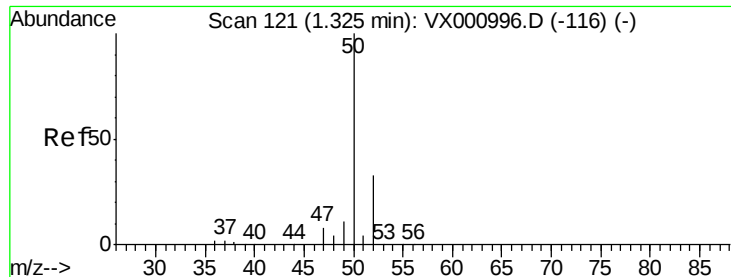
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 44.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

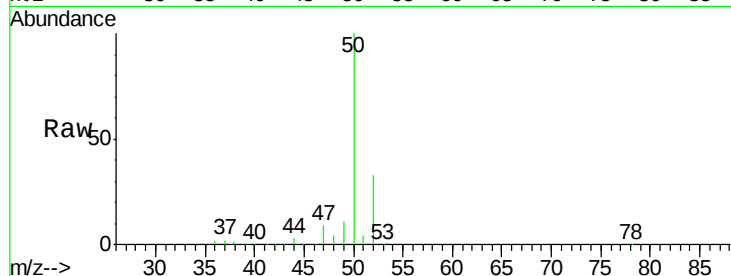
VSTDCCC050EC

Tgt Ion: 50 Resp: 110449

Ion Ratio Lower Upper

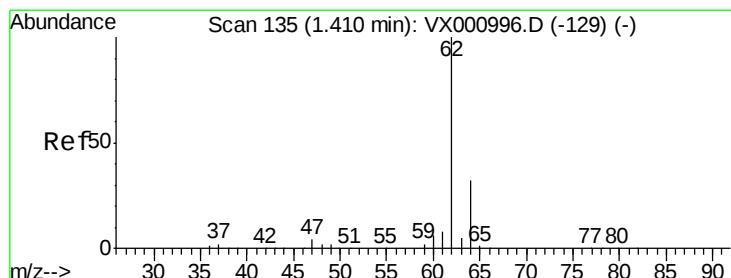
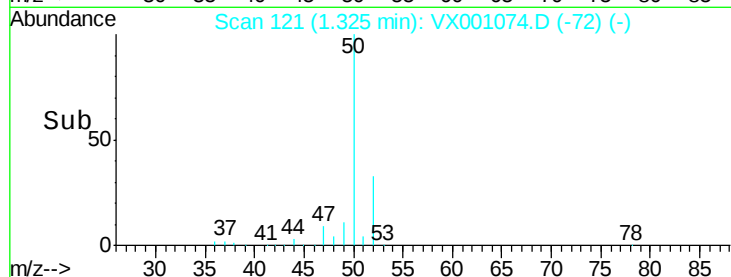
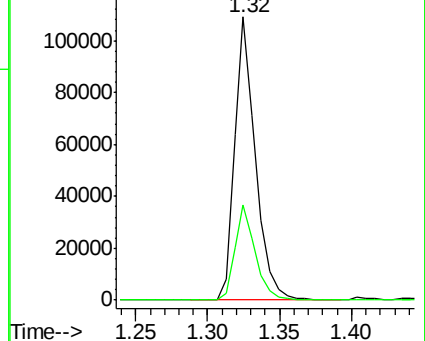
50 100

52 33.4 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.88 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001074.D

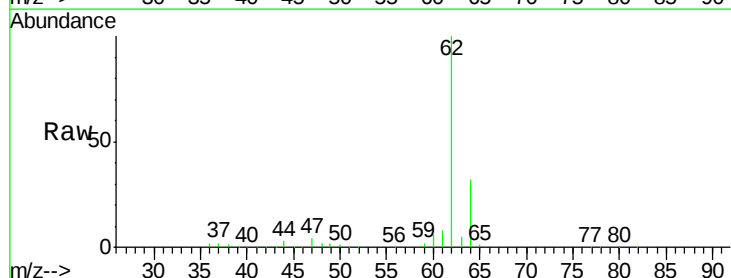
Acq: 23 Apr 2018 21:51

Tgt Ion: 62 Resp: 123709

Ion Ratio Lower Upper

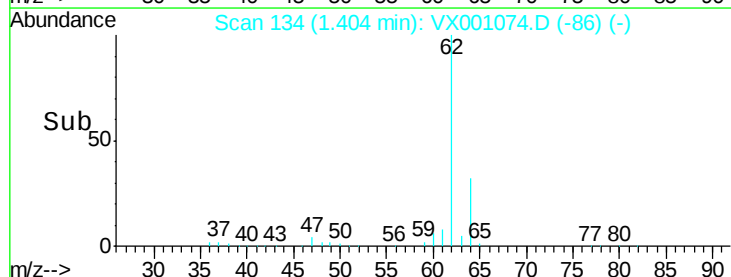
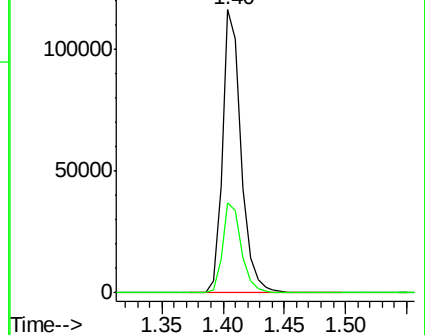
62 100

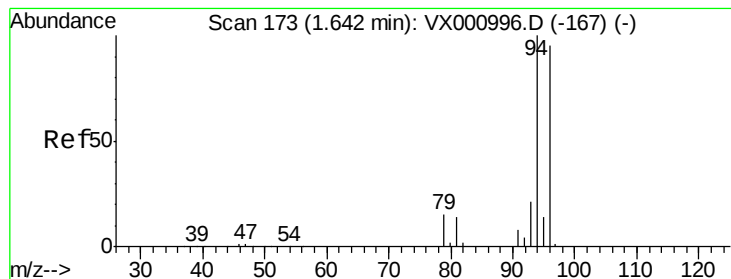
64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.68 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

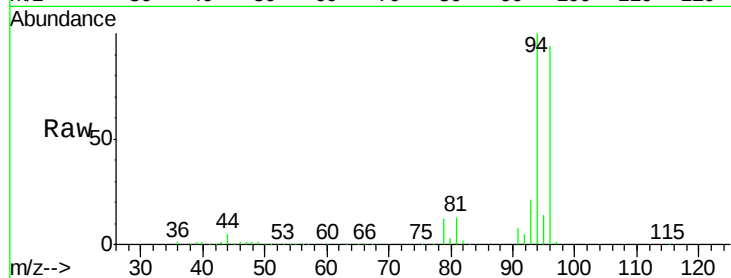
VSTDCCC050EC

Tgt Ion: 94 Resp: 71307

Ion Ratio Lower Upper

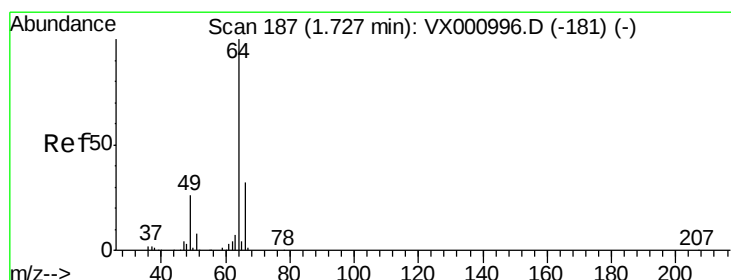
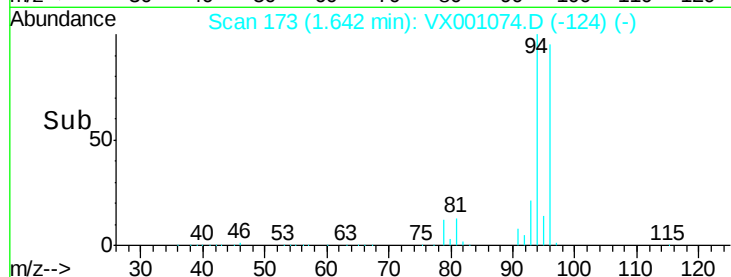
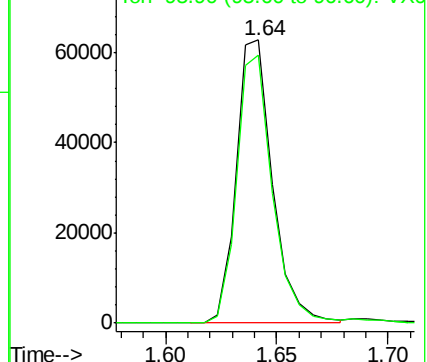
94 100

96 94.5 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.16 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001074.D

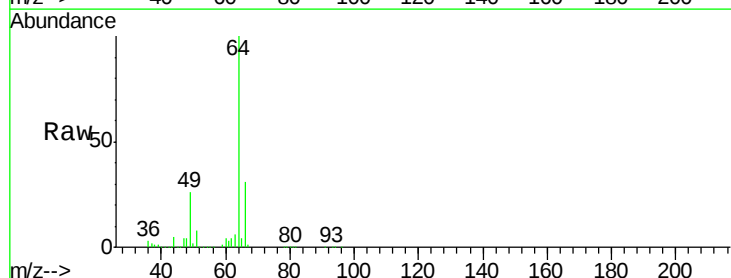
Acq: 23 Apr 2018 21:51

Tgt Ion: 64 Resp: 73931

Ion Ratio Lower Upper

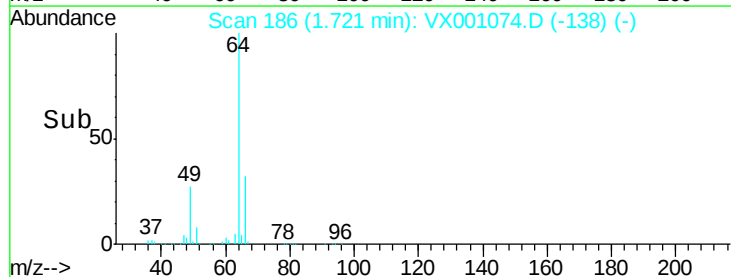
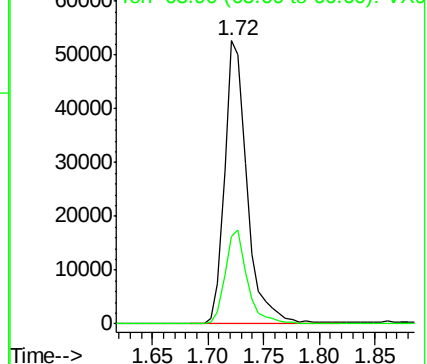
64 100

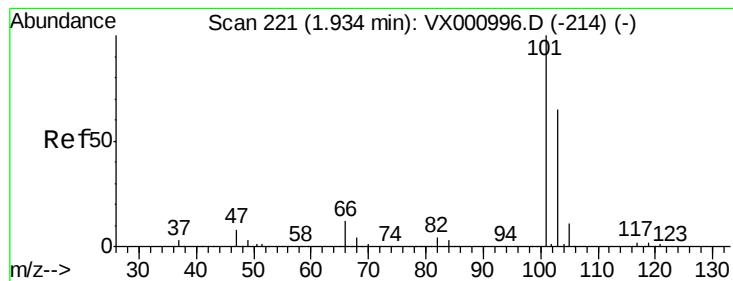
66 30.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.02 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

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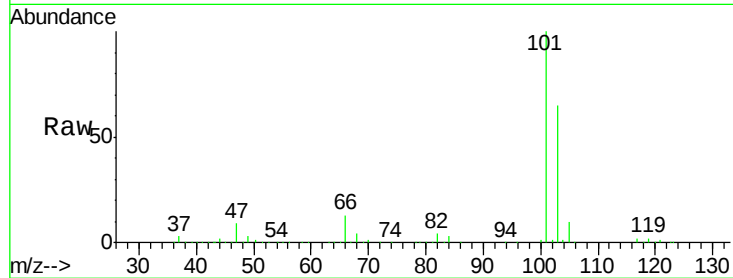
VSTDCCC050EC

Tgt Ion:101 Resp: 190260

Ion Ratio Lower Upper

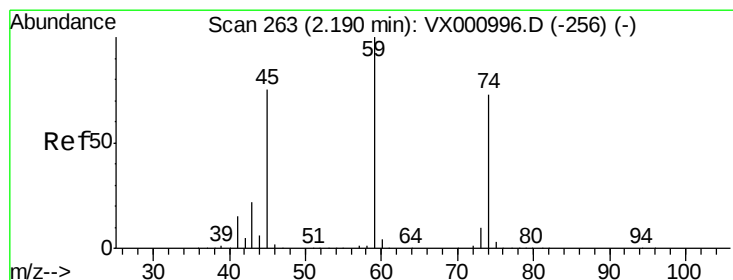
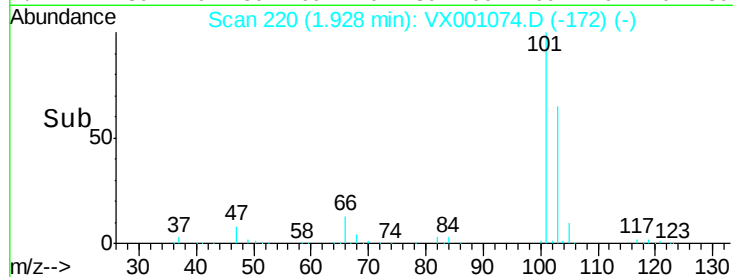
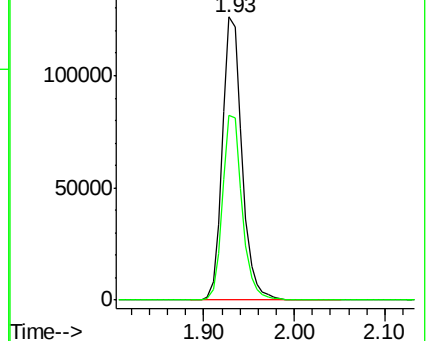
101 100

103 65.2 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.41 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001074.D

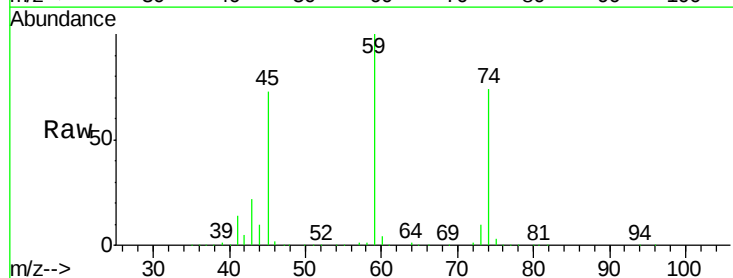
Acq: 23 Apr 2018 21:51

Tgt Ion: 74 Resp: 69397

Ion Ratio Lower Upper

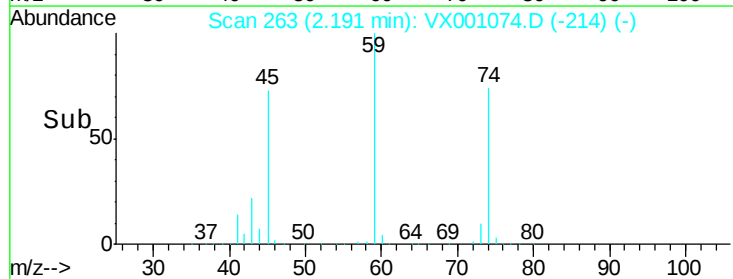
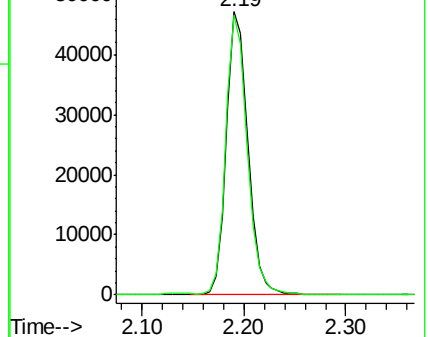
74 100

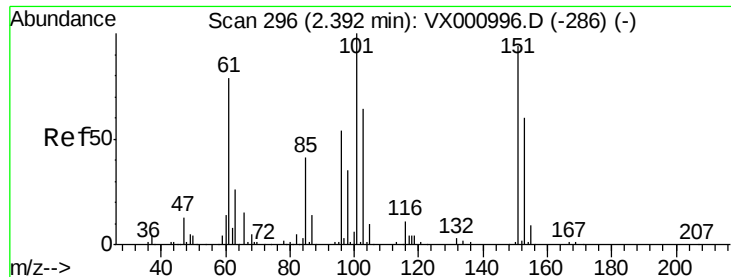
45 97.2 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

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ClientSampleId :

VSTDCCC050EC

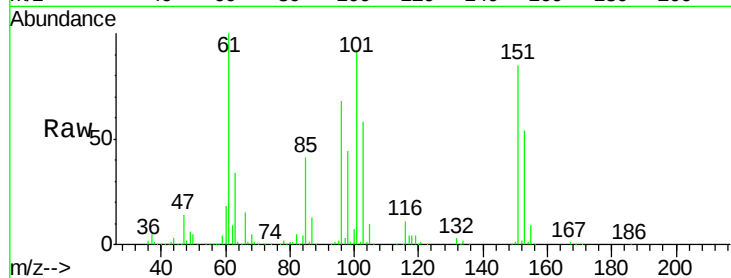
Tgt Ion:101 Resp: 107402

Ion Ratio Lower Upper

101 100

85 43.5 33.9 50.9

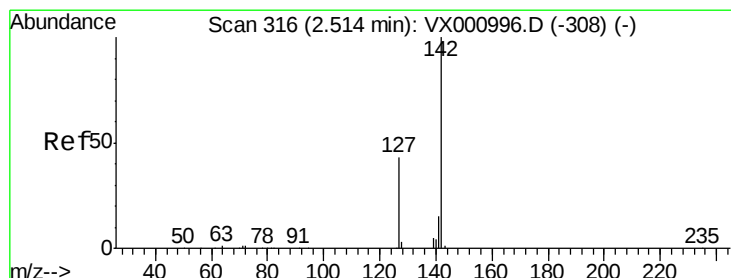
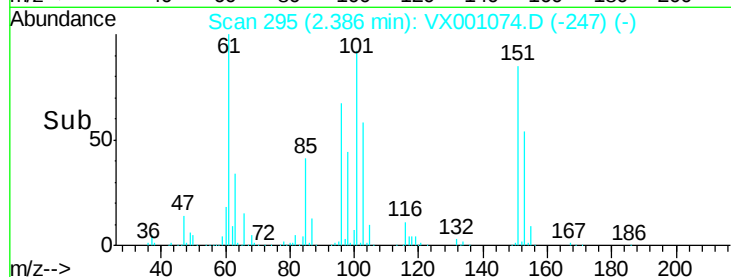
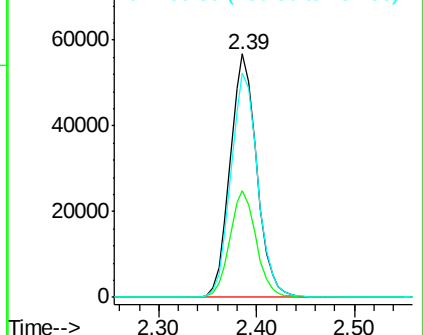
151 93.2 73.5 110.3



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: 39.87 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

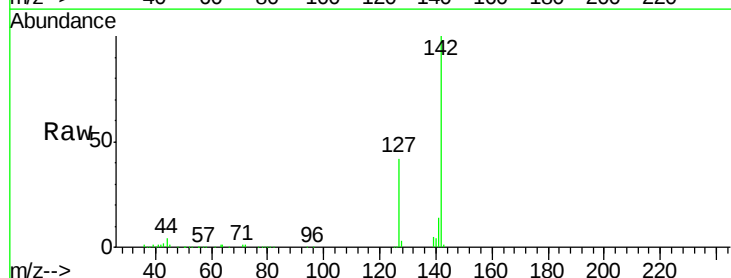
Tgt Ion:142 Resp: 85391

Ion Ratio Lower Upper

142 100

127 42.3 34.0 51.0

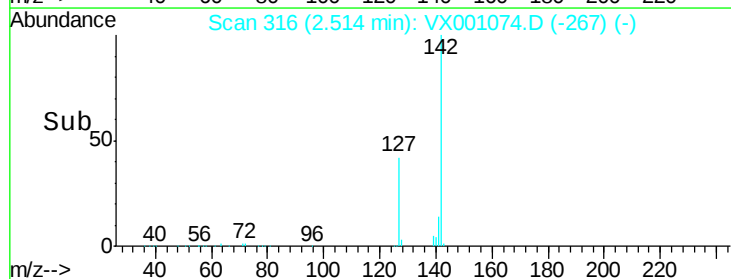
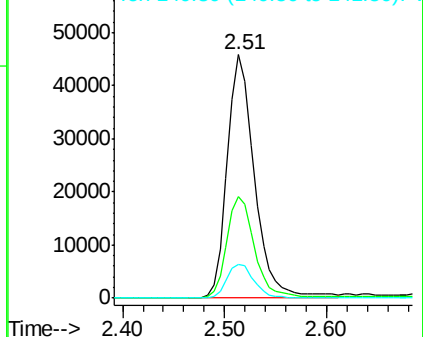
141 14.3 11.4 17.2

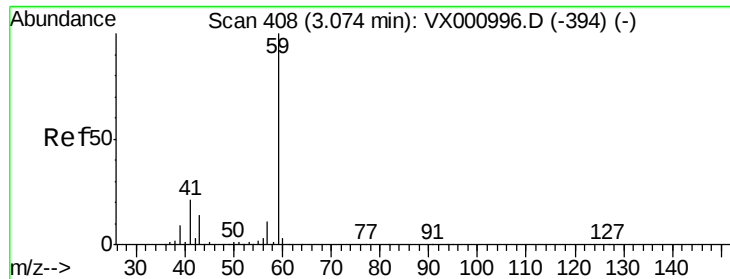


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



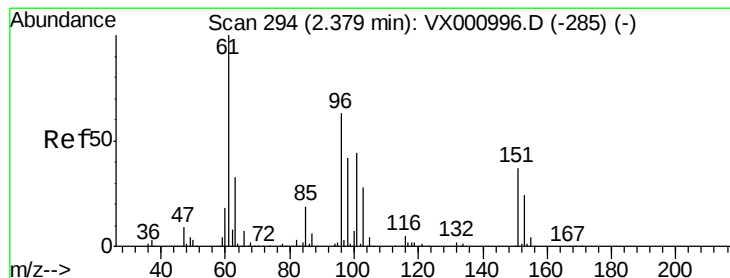
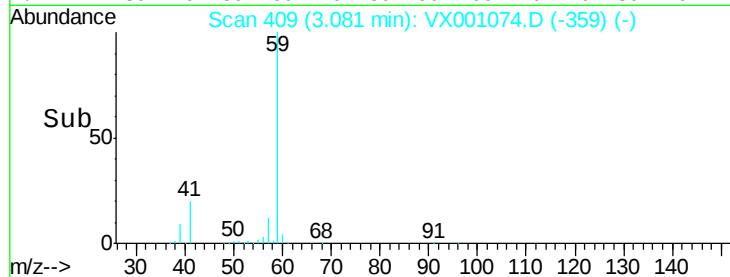
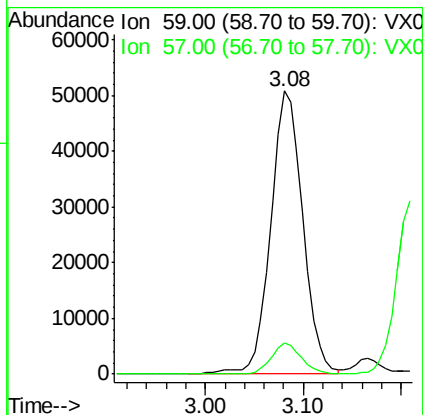
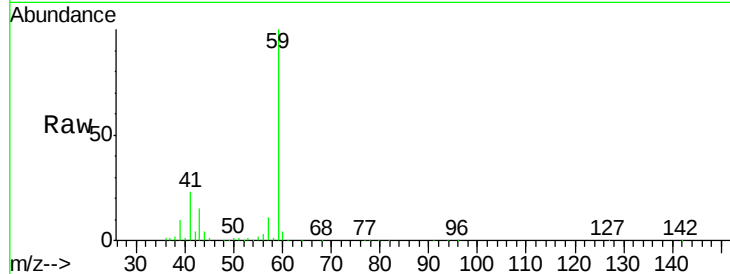


#11

Tert butyl alcohol
 Concen: 282.00 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

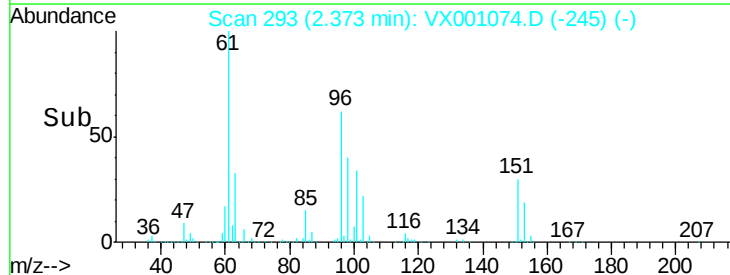
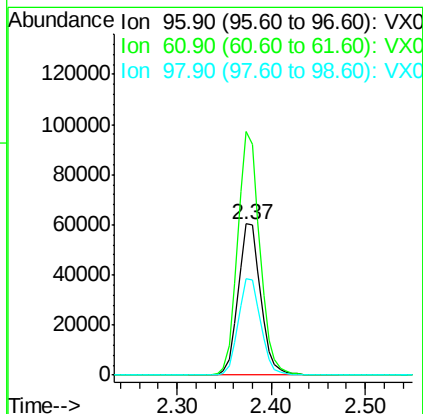
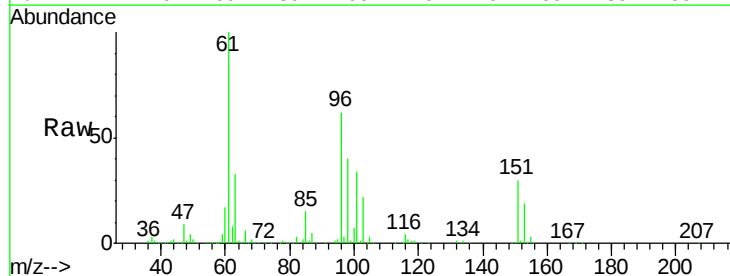
Tgt Ion: 59 Resp: 116362
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

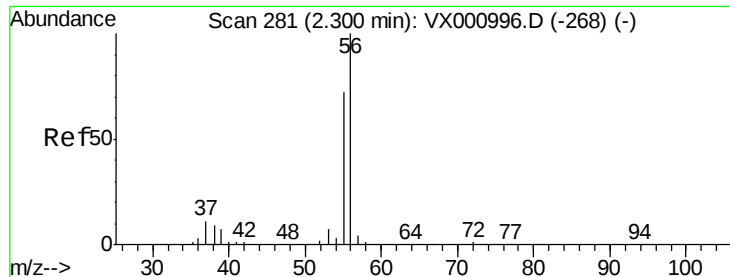


#12

1,1-Dichloroethene
 Concen: 47.82 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Tgt Ion: 96 Resp: 100560
 Ion Ratio Lower Upper
 96 100
 61 161.3 126.4 189.6
 98 63.8 52.6 78.8





#13

Acrolein

Concen: 382.25 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

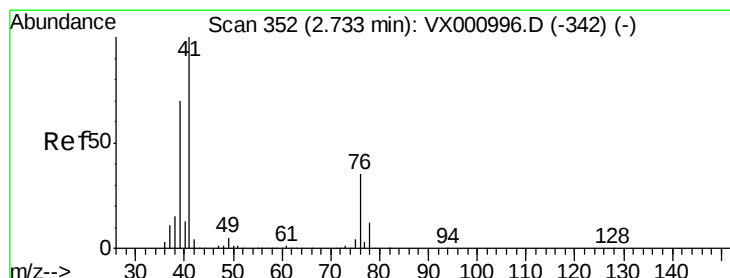
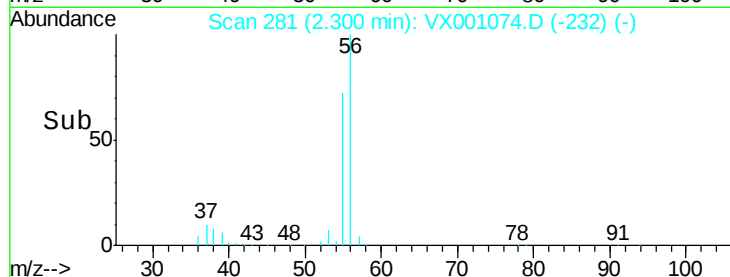
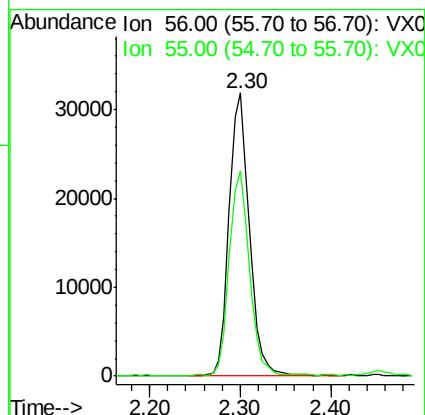
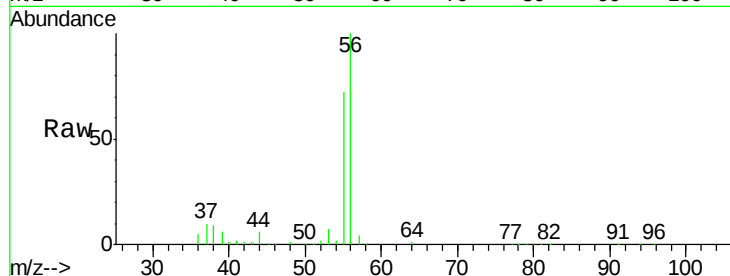
VSTDCCC050EC

Tgt Ion: 56 Resp: 49917

Ion Ratio Lower Upper

56 100

55 71.6 57.4 86.2



#14

Allyl chloride

Concen: 47.93 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

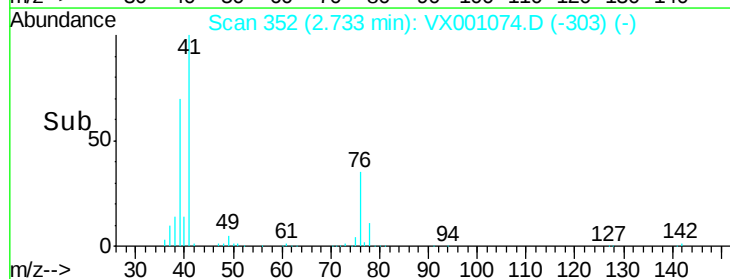
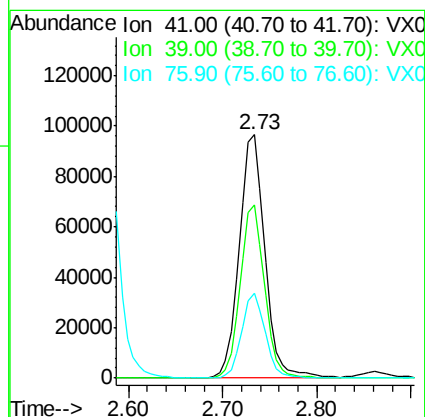
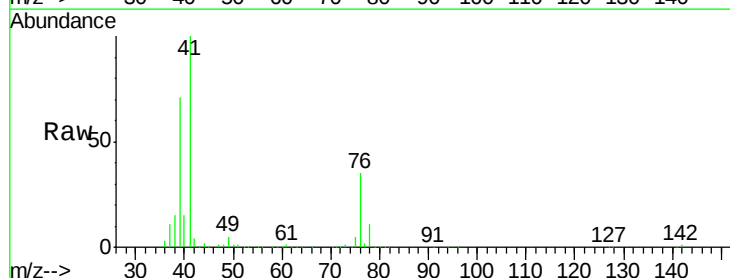
Tgt Ion: 41 Resp: 182431

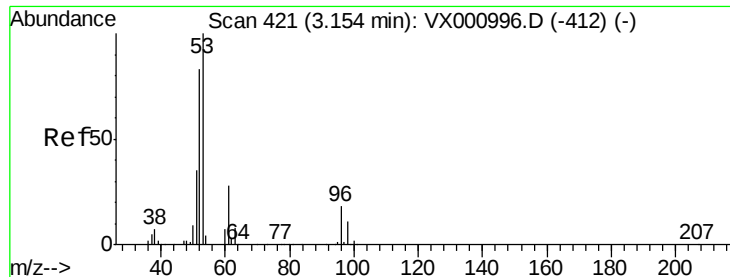
Ion Ratio Lower Upper

41 100

39 67.4 53.0 79.6

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 252.46 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

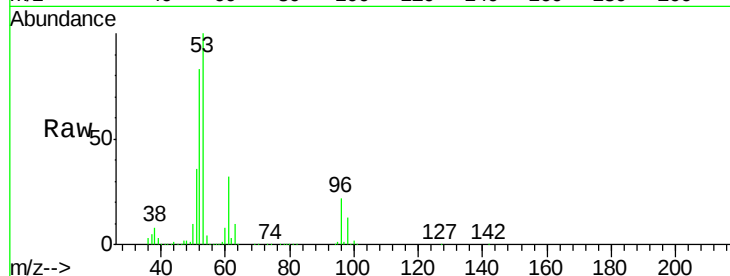
Tgt Ion: 53 Resp: 281937

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

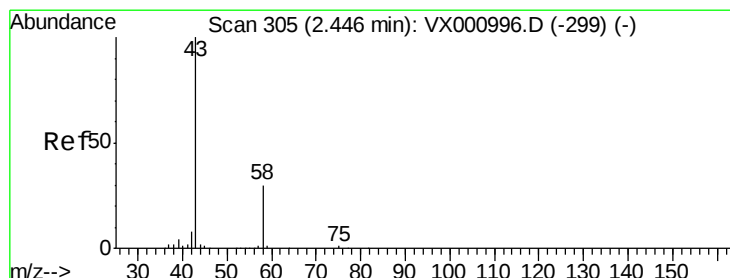
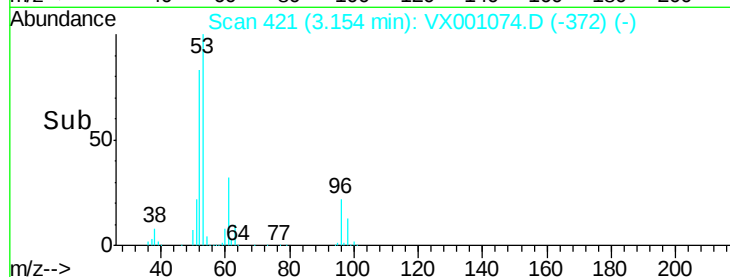
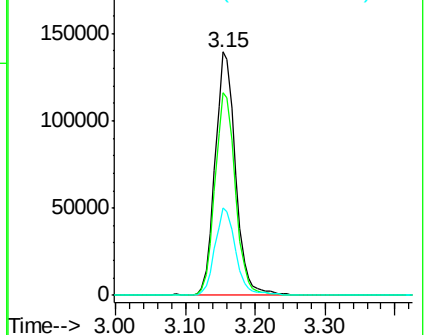
51 36.4 29.0 43.6



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: 263.38 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001074.D

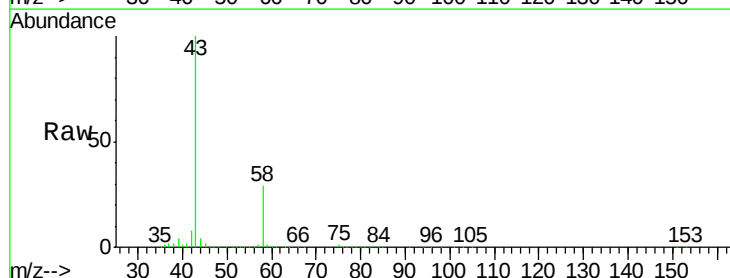
Acq: 23 Apr 2018 21:51

Tgt Ion: 43 Resp: 271356

Ion Ratio Lower Upper

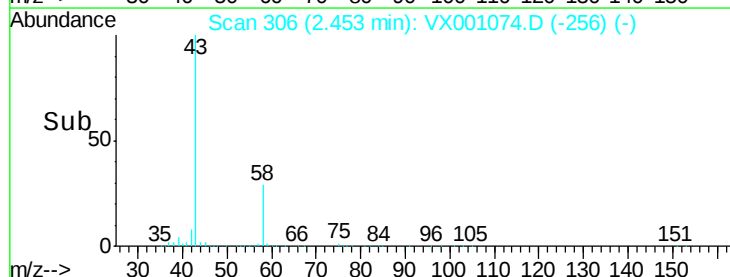
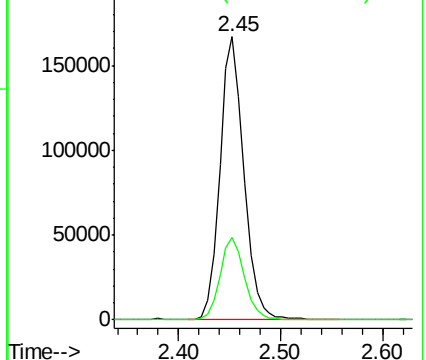
43 100

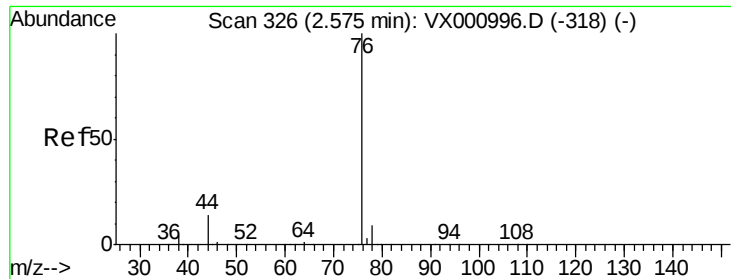
58 29.1 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

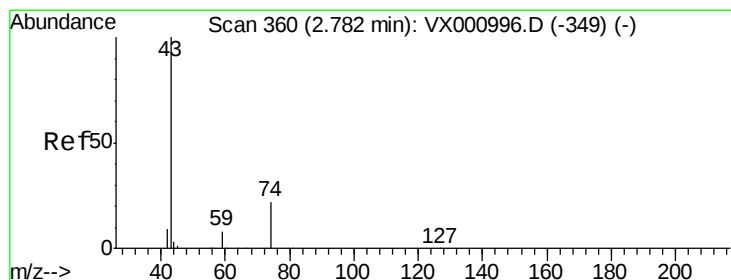
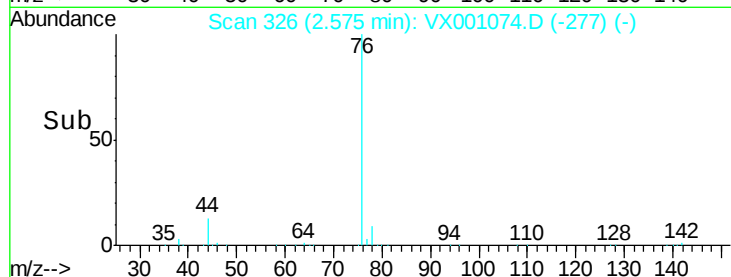
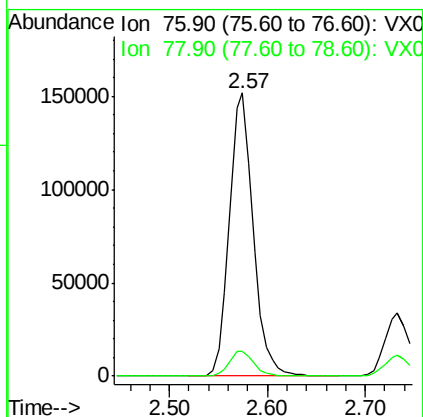
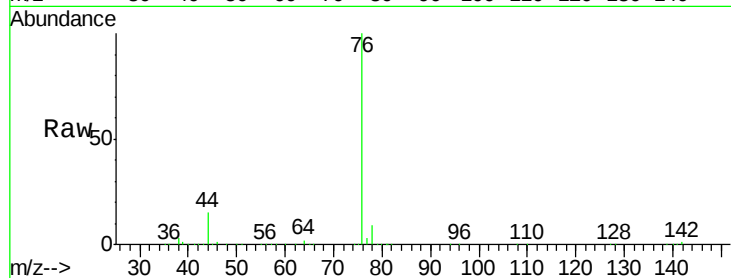




#17
Carbon Disulfide
Concen: 42.90 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

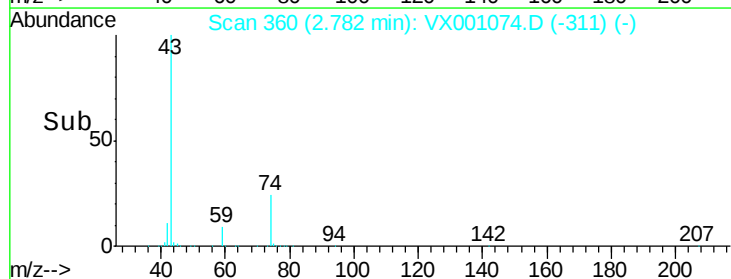
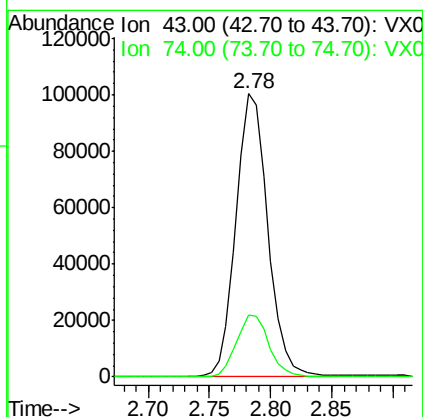
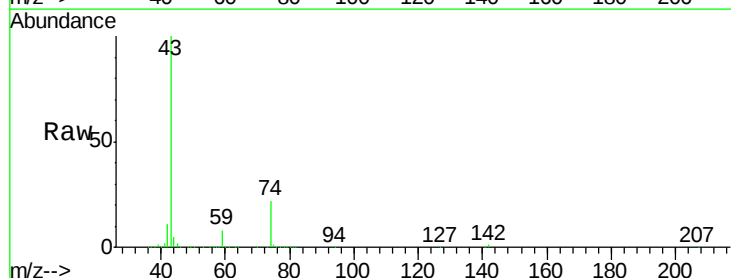
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

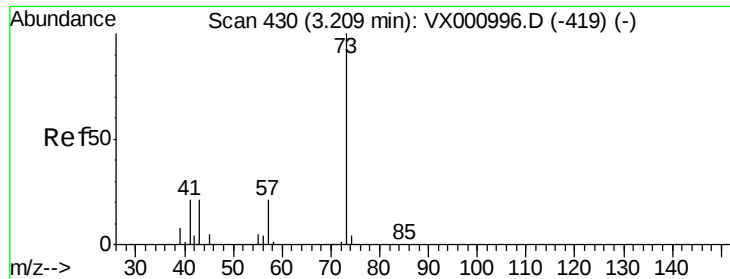
Tgt Ion: 76 Resp: 257103
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 57.87 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion: 43 Resp: 180417
Ion Ratio Lower Upper
43 100
74 22.1 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 49.78 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

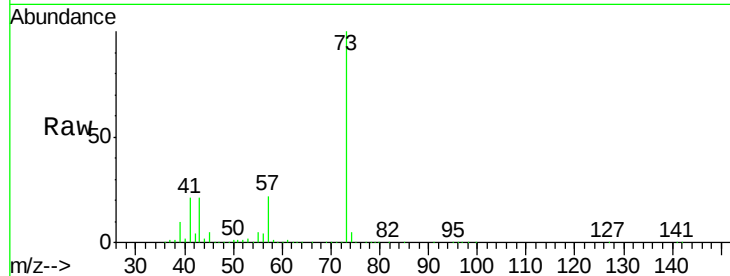
VSTDCCC050EC

Tgt Ion: 73 Resp: 351919

Ion Ratio Lower Upper

73 100

57 22.2 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

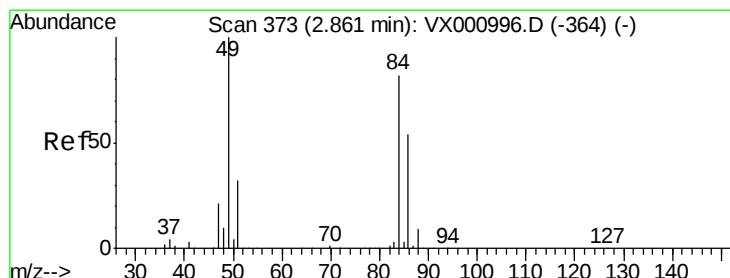
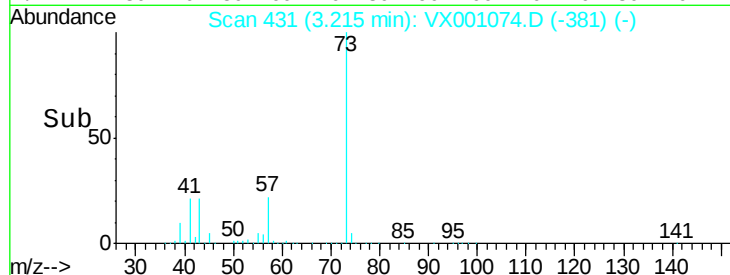
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 51.62 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Tgt Ion: 84 Resp: 111994

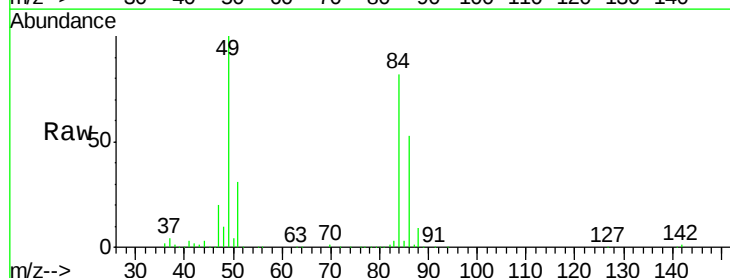
Ion Ratio Lower Upper

84 100

49 121.8 97.1 145.7

51 38.0 30.8 46.2

86 64.4 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

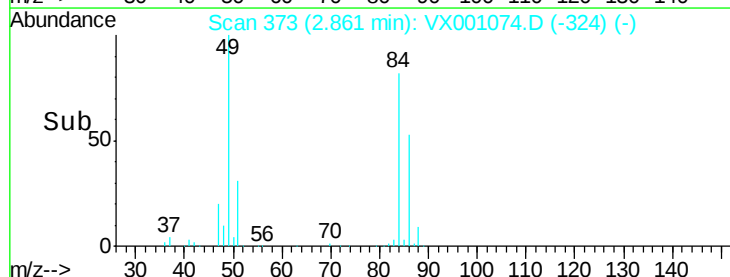
60000

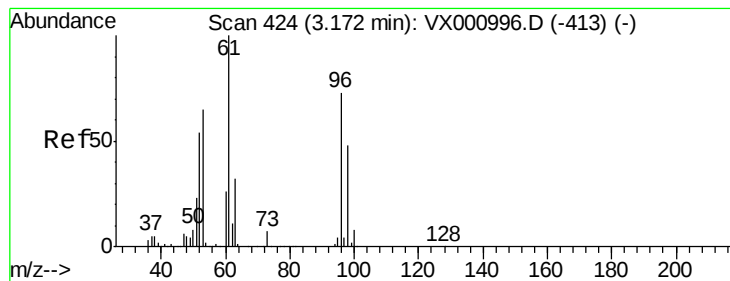
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 46.26 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

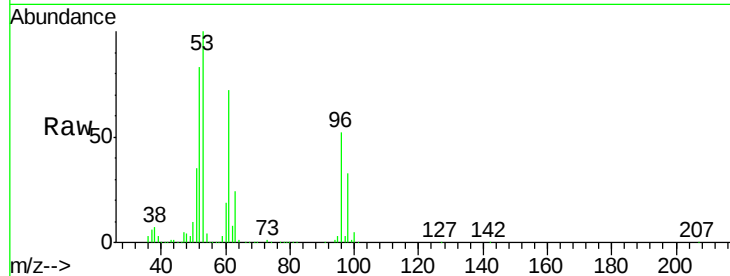
Tgt Ion: 96 Resp: 108289

Ion Ratio Lower Upper

96 100

61 137.3 109.4 164.2

98 63.9 52.6 78.8

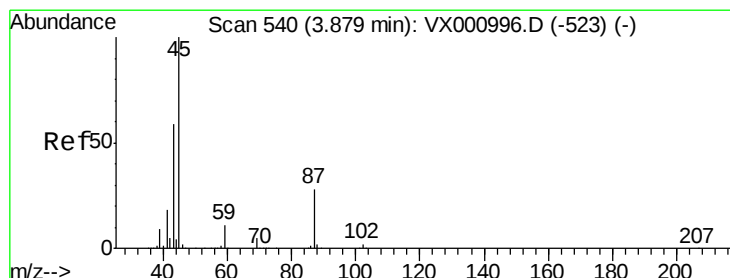
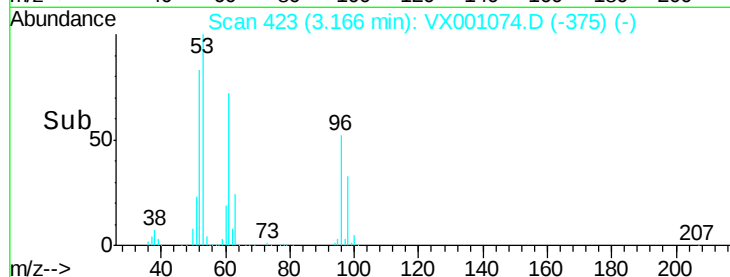
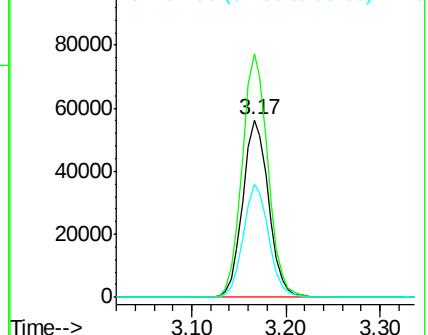


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.54 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Tgt Ion: 45 Resp: 365006

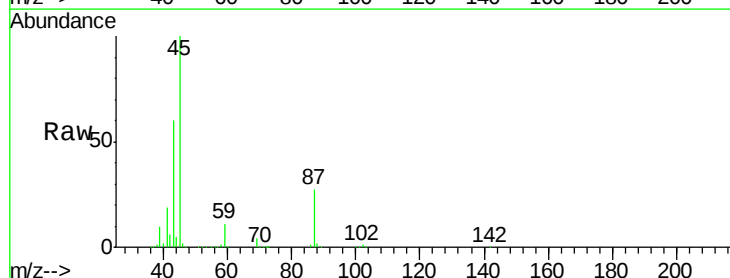
Ion Ratio Lower Upper

45 100

43 59.8 47.0 70.4

87 27.4 22.5 33.7

59 10.8 8.8 13.2



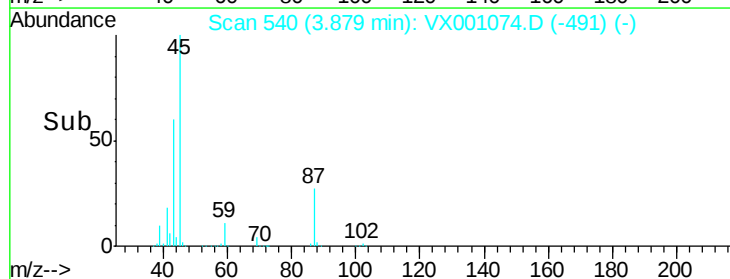
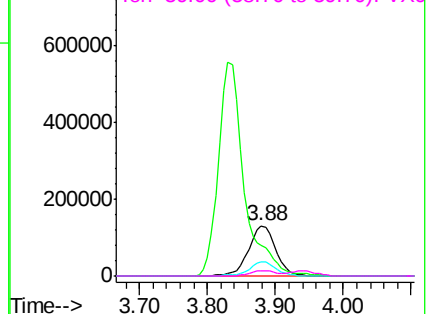
Abundance

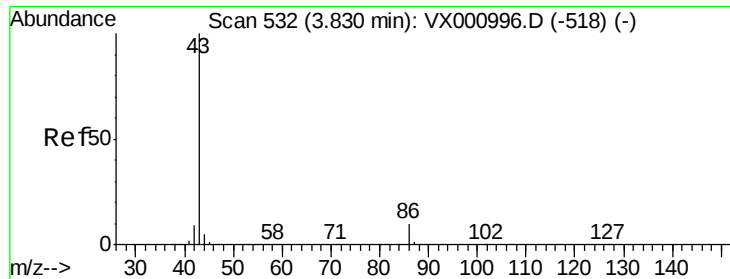
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

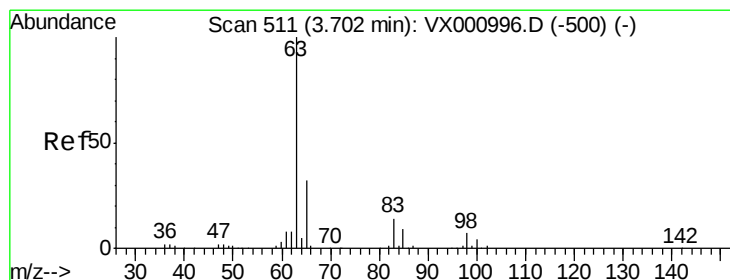
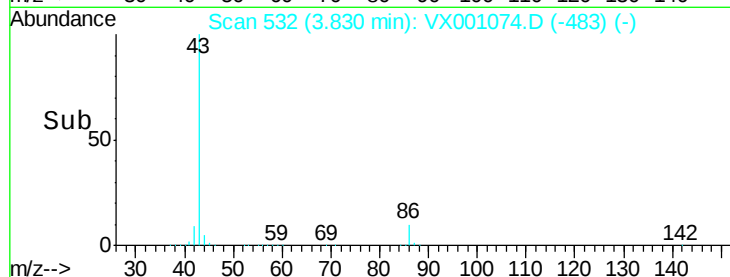
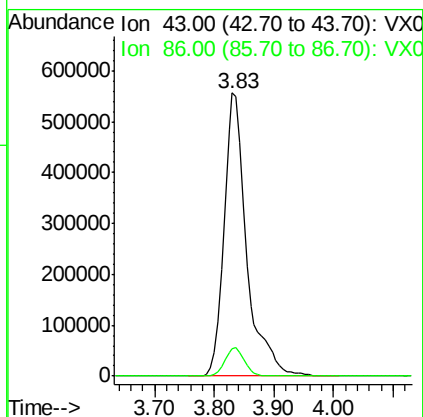
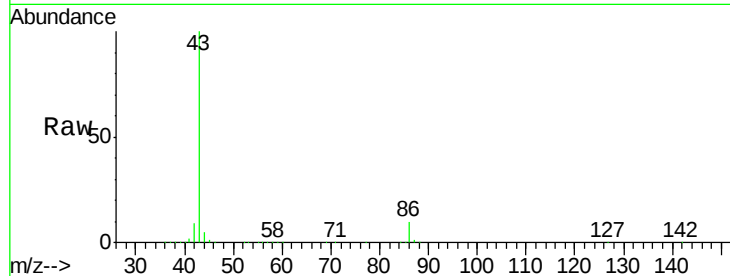




#23
 Vinyl Acetate
 Concen: 241.35 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

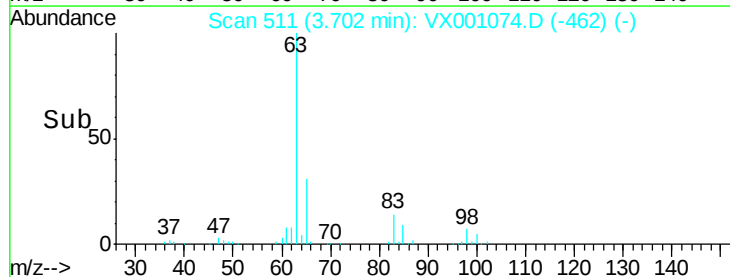
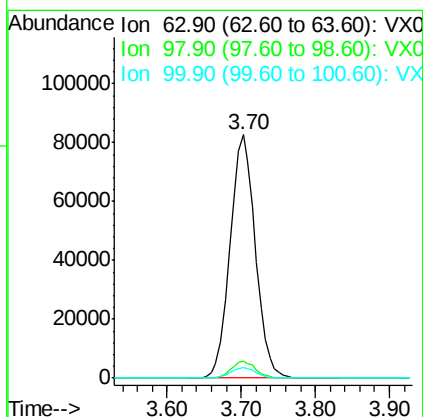
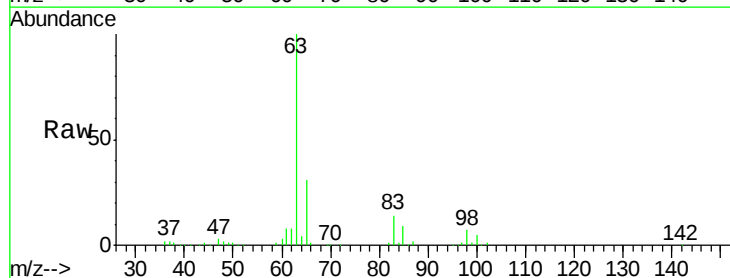
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

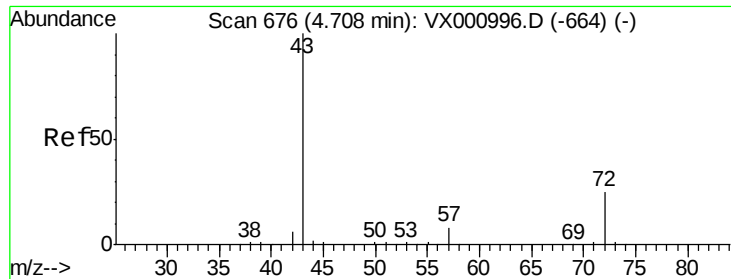
Tgt Ion: 43 Resp: 1472098
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 47.49 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Tgt Ion: 63 Resp: 196269
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 257.42 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

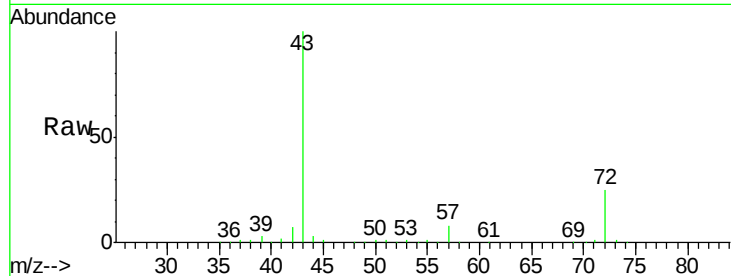
VSTDCCC050EC

Tgt Ion: 43 Resp: 414010

Ion Ratio Lower Upper

43 100

72 25.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

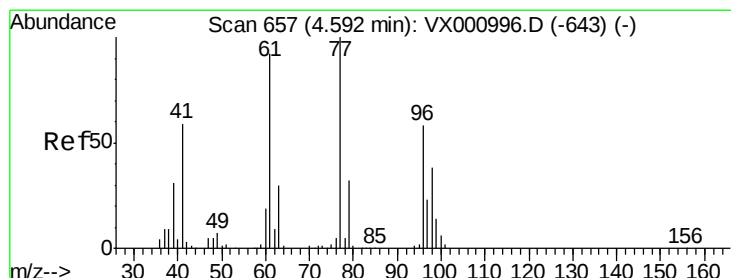
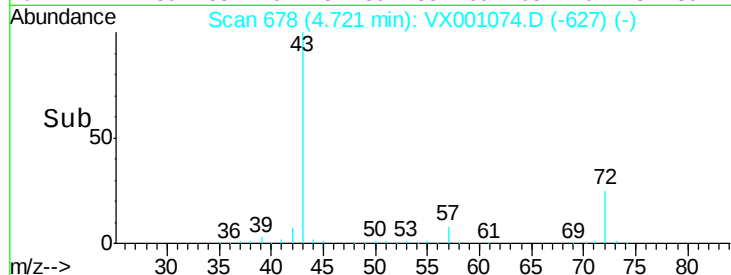
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.76 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001074.D

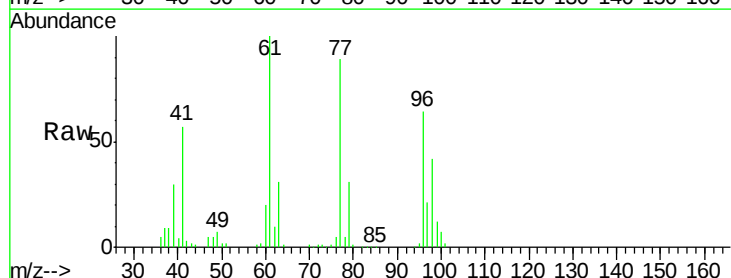
Acq: 23 Apr 2018 21:51

Tgt Ion: 77 Resp: 148441

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

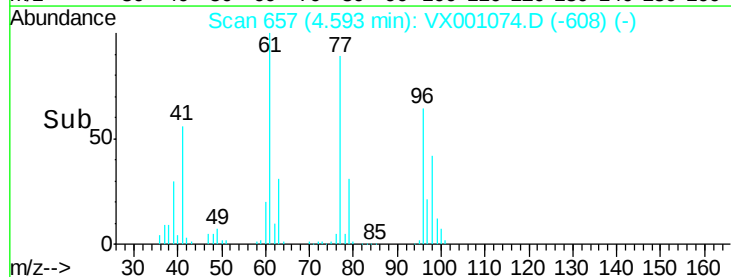
20000

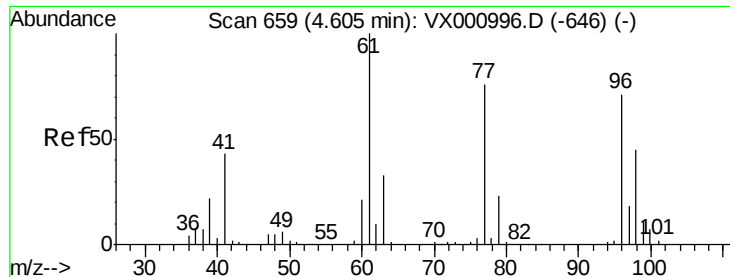
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.48 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

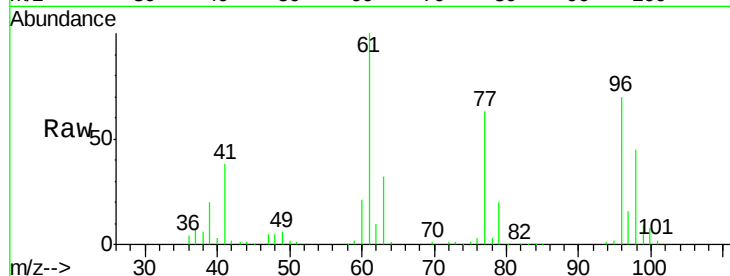
Tgt Ion: 96 Resp: 123832

Ion Ratio Lower Upper

96 100

61 145.4 0.0 297.0

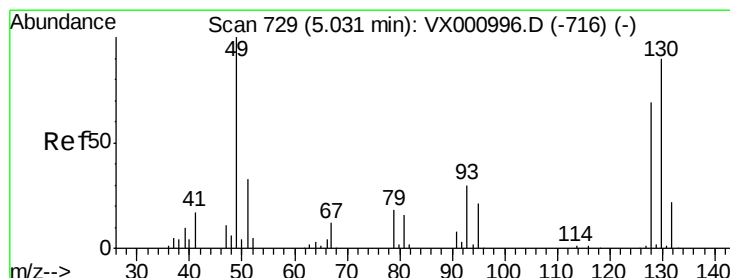
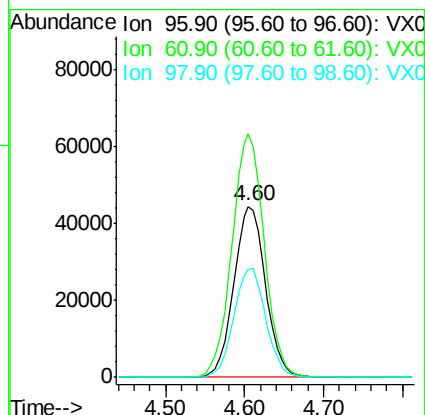
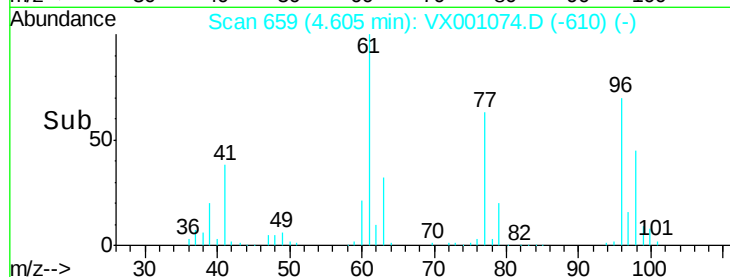
98 64.5 0.0 130.0



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: 53.85 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

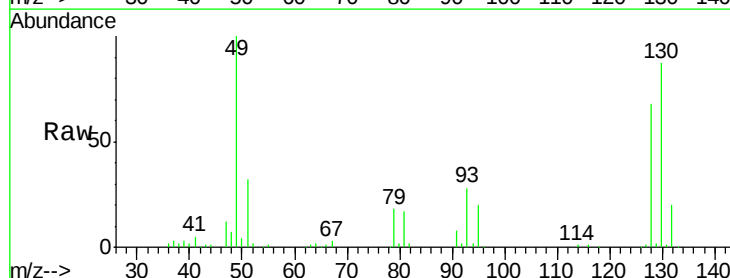
Tgt Ion: 49 Resp: 85580

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

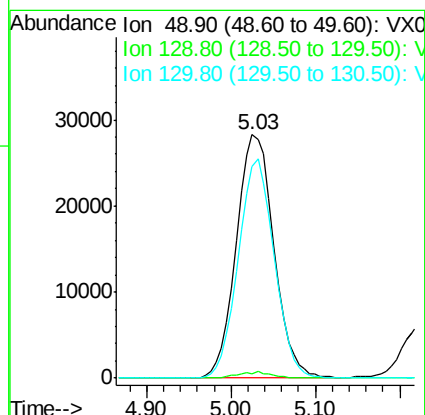
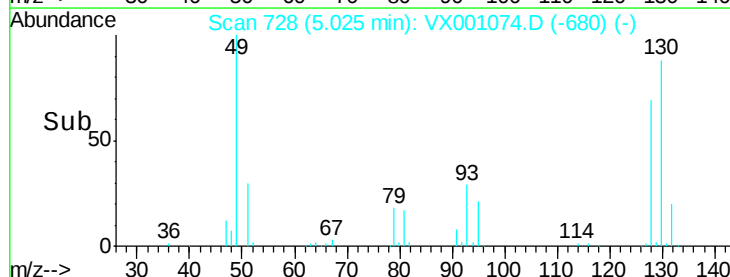
130 86.1 70.6 105.8

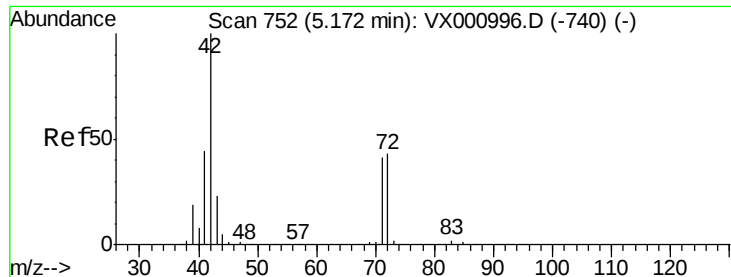


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

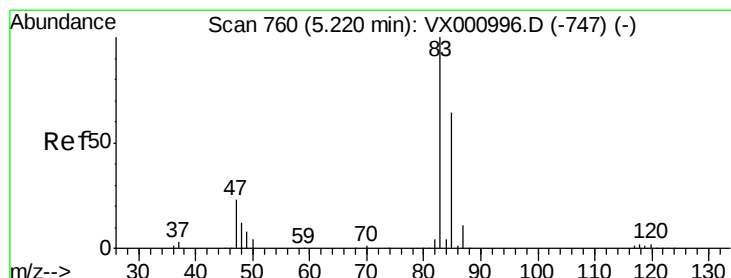
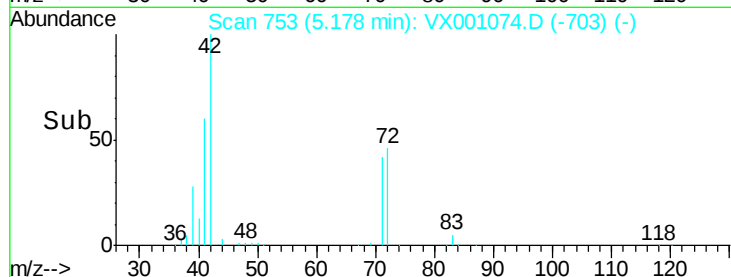
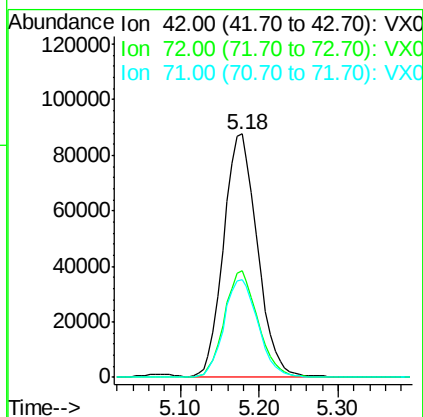
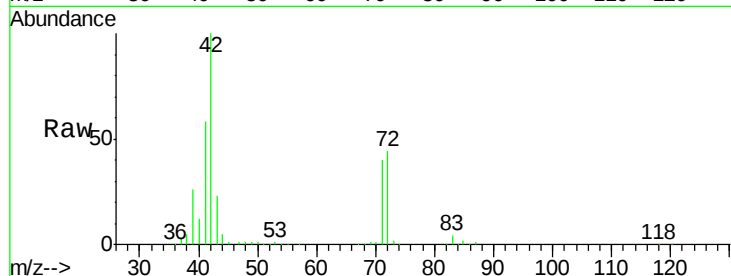




#29
Tetrahydrofuran
Concen: 256.51 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

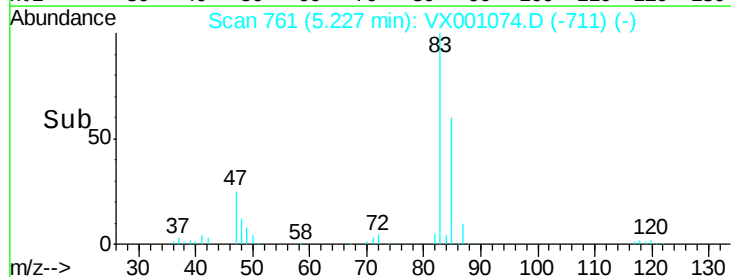
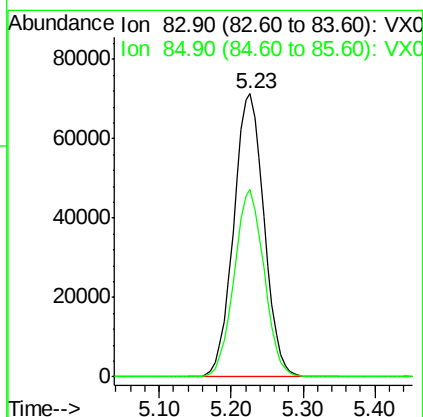
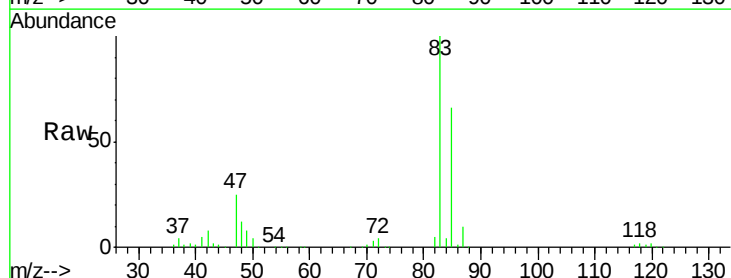
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

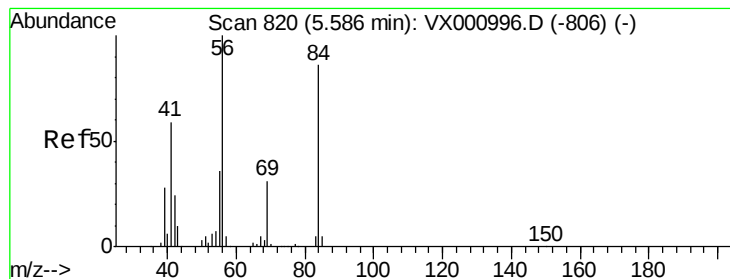
Tgt Ion: 42 Resp: 260704
Ion Ratio Lower Upper
42 100
72 43.7 34.6 52.0
71 40.6 32.6 49.0



#30
Chloroform
Concen: 48.88 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion: 83 Resp: 209200
Ion Ratio Lower Upper
83 100
85 66.4 51.3 76.9





#31

Cyclohexane

Concen: 45.72 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

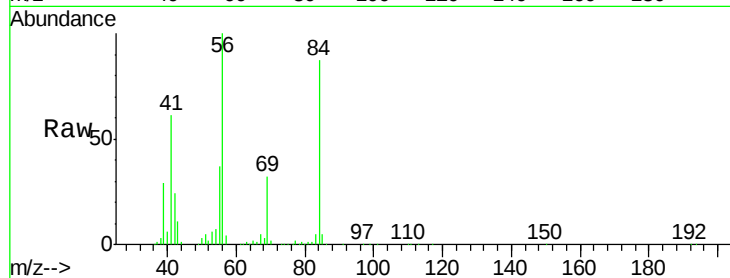
Tgt Ion: 56 Resp: 176356

Ion Ratio Lower Upper

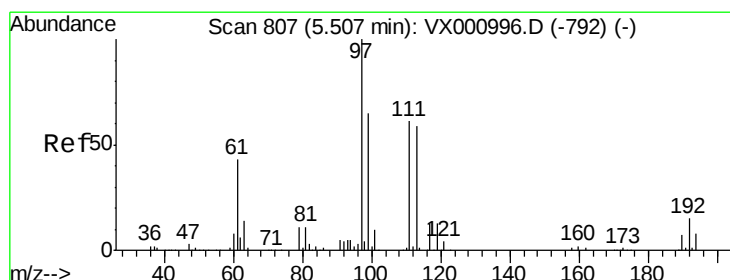
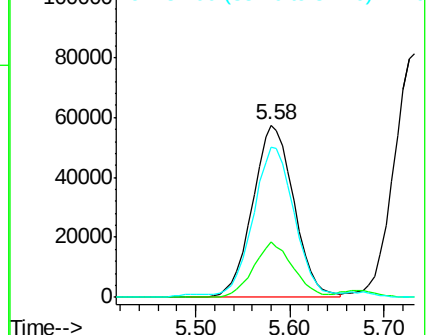
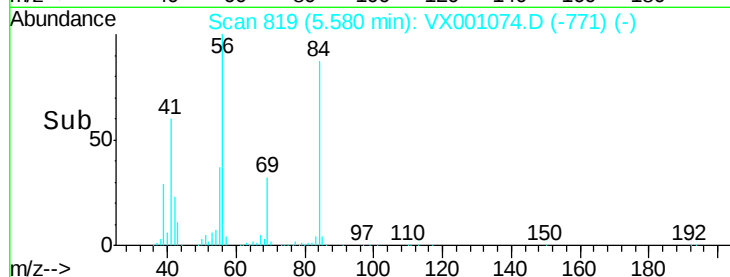
56 100

69 32.0 24.6 36.8

84 85.6 69.0 103.6



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: 49.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

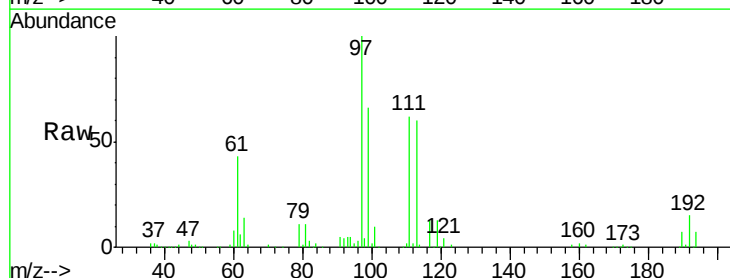
Tgt Ion: 97 Resp: 190124

Ion Ratio Lower Upper

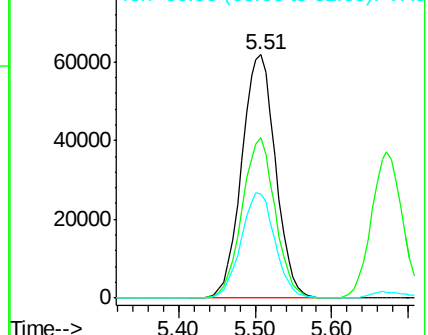
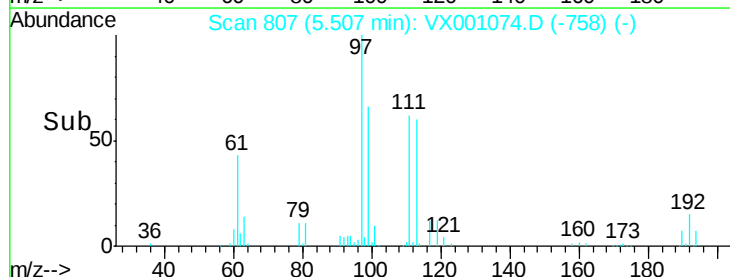
97 100

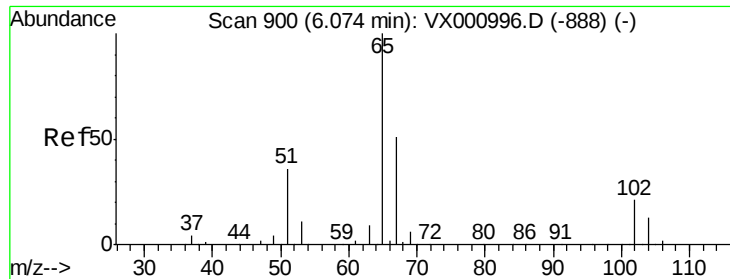
99 64.2 51.1 76.7

61 43.4 34.4 51.6



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: 48.32 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

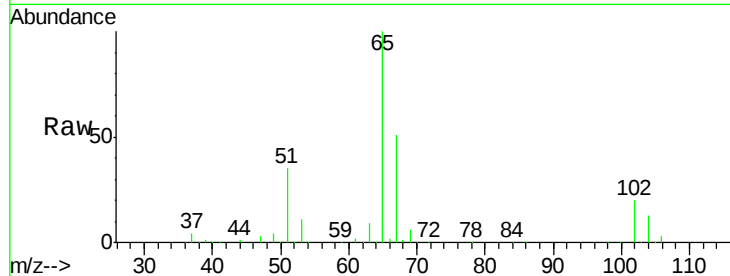
VSTDCCC050EC

Tgt Ion: 65 Resp: 132206

Ion Ratio Lower Upper

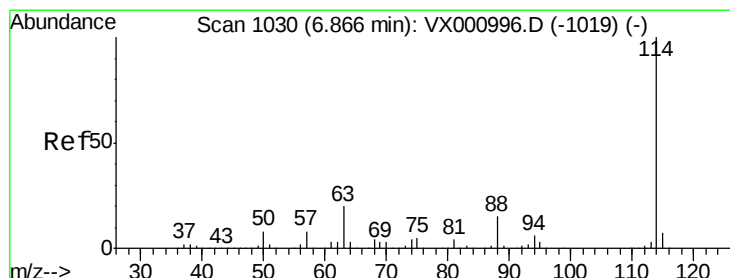
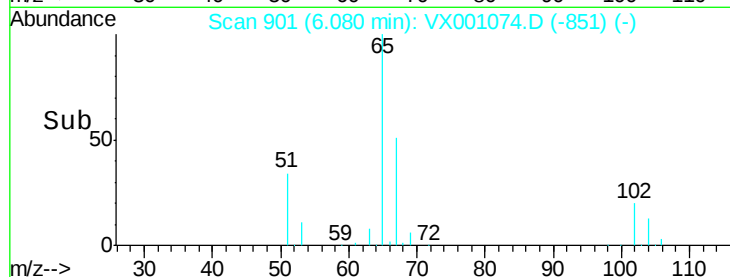
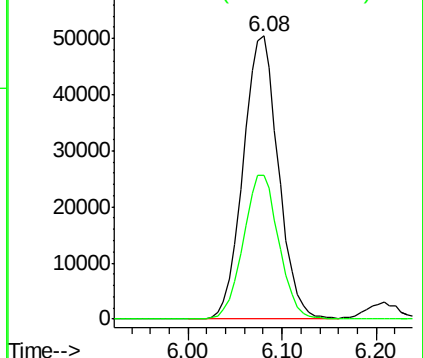
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

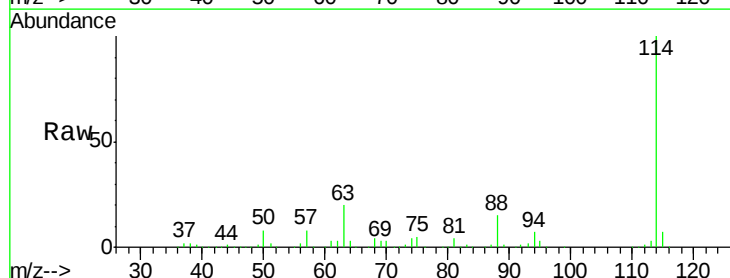
Tgt Ion: 114 Resp: 296659

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

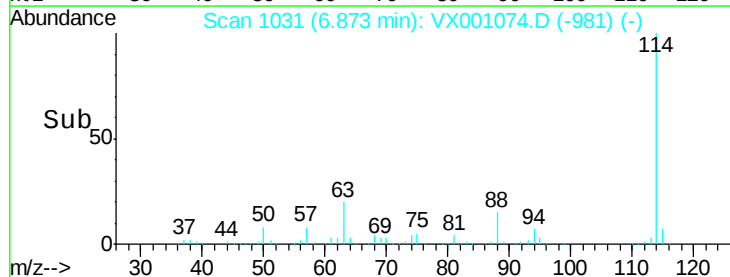
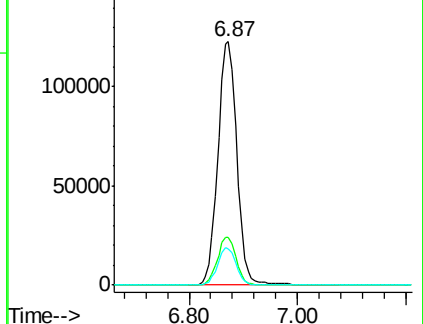
88 15.1 0.0 29.8

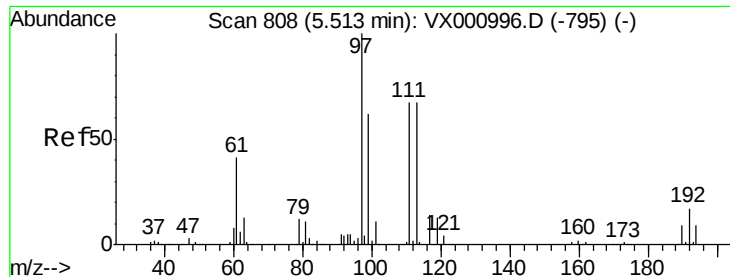


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.31 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

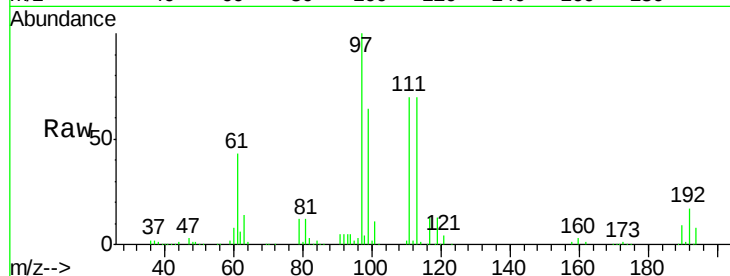
Tgt Ion:113 Resp: 109273

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.2

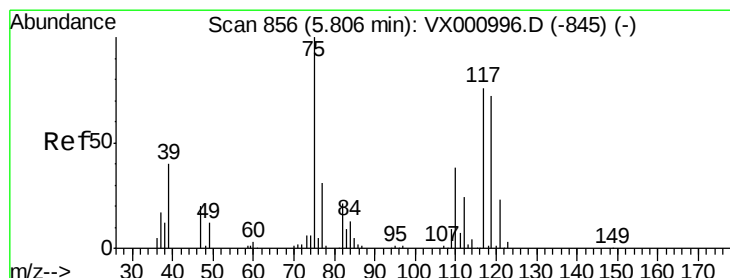
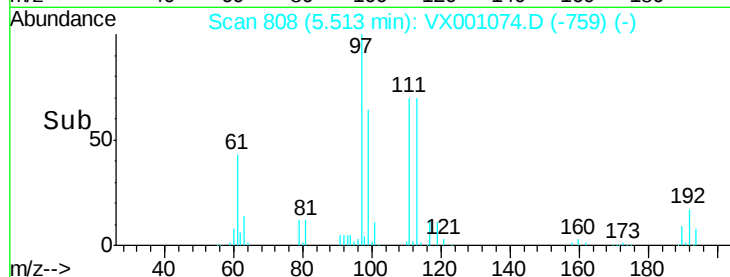
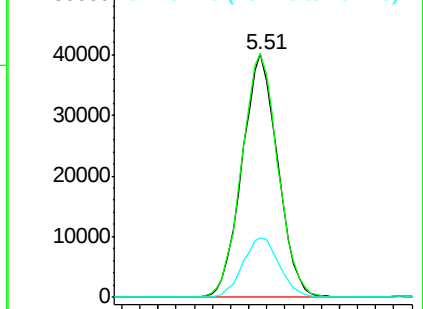
192 25.1 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.54 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

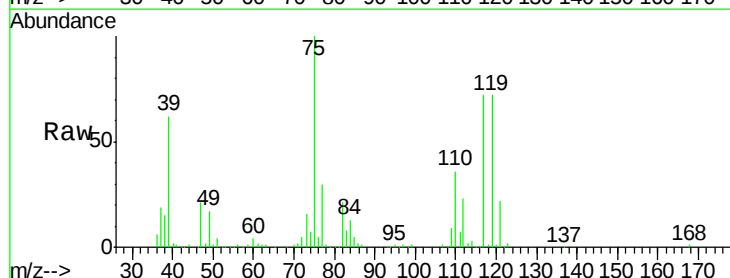
Tgt Ion: 75 Resp: 155276

Ion Ratio Lower Upper

75 100

110 37.4 18.7 56.1

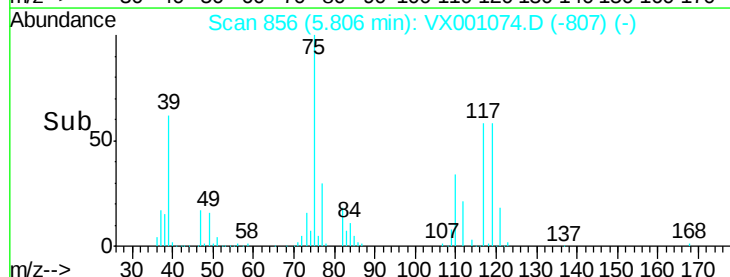
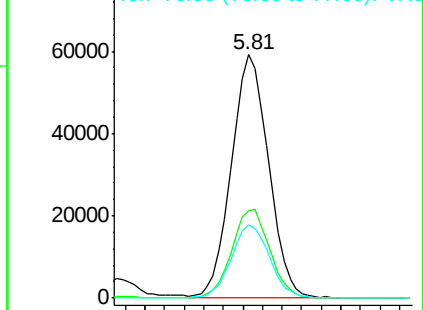
77 31.2 25.0 37.4

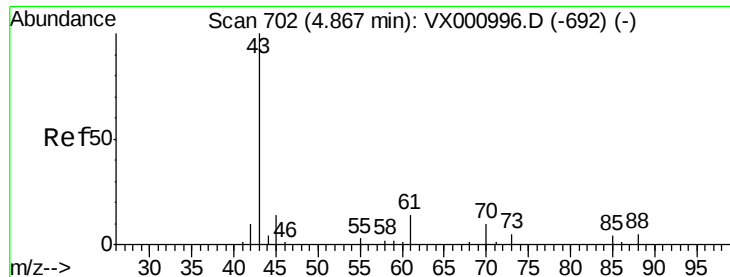


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

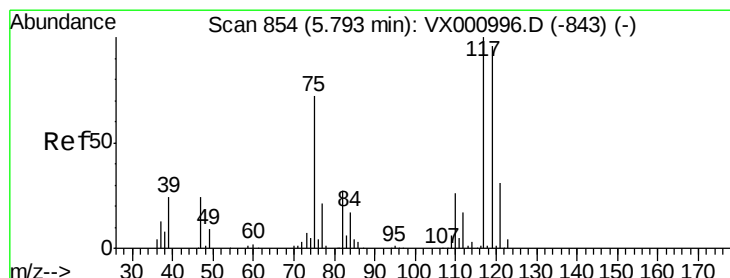
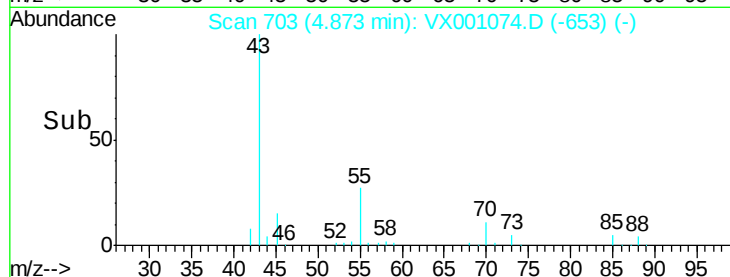
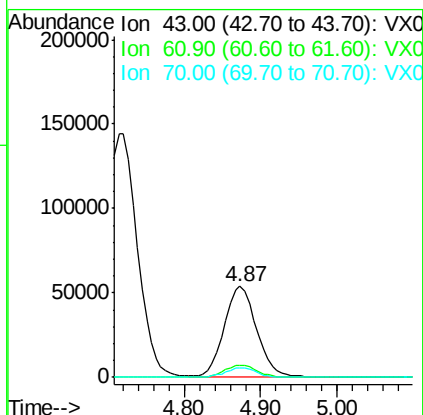
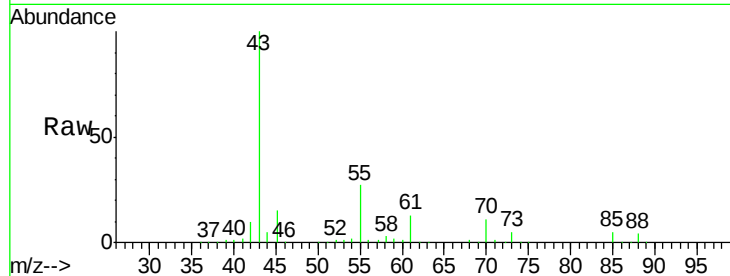




#37
Ethyl Acetate
Concen: 49.29 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

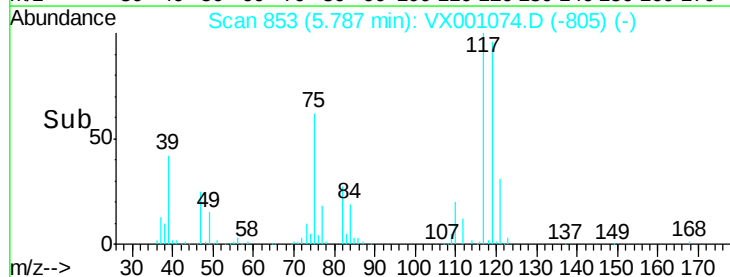
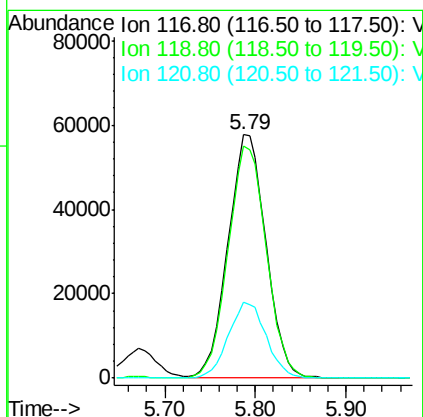
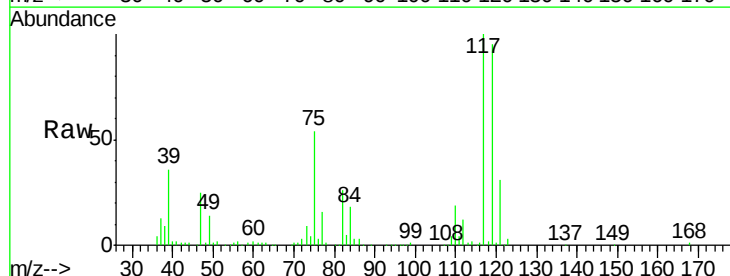
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

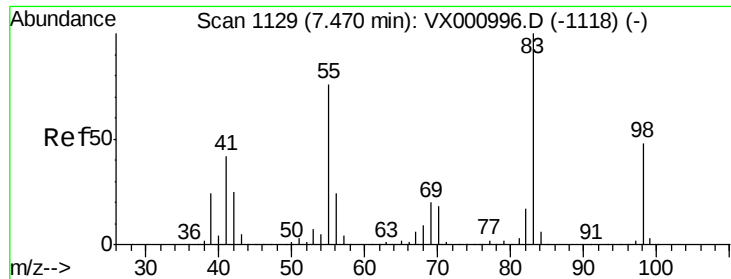
Tgt Ion: 43 Resp: 157621
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 47.49 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion: 117 Resp: 167647
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
121 30.9 24.5 36.7

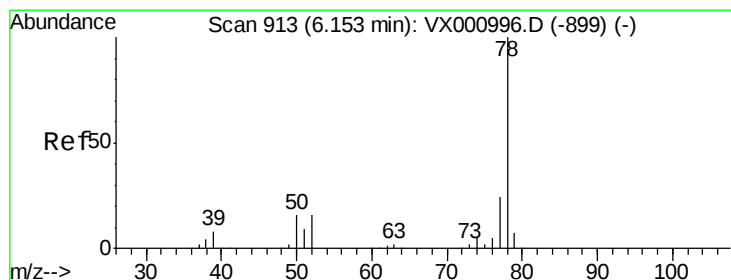
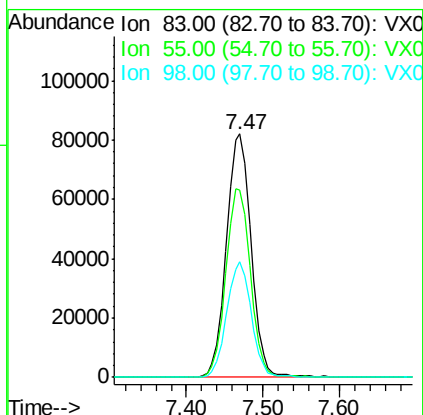
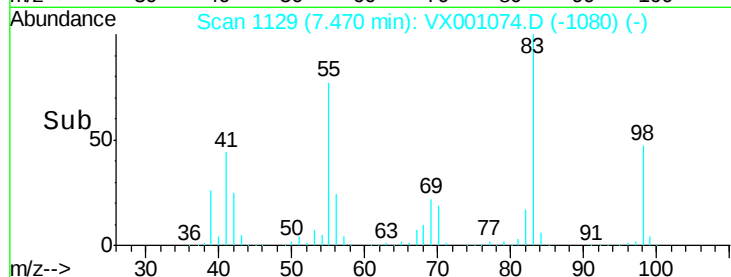
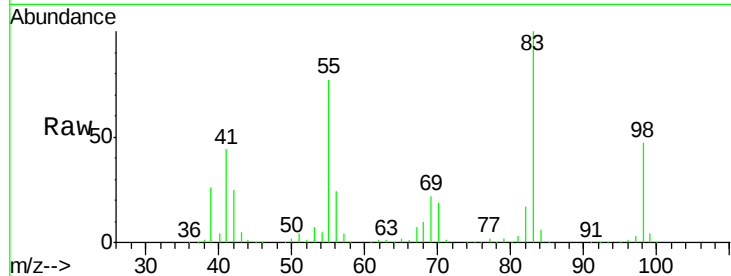




#39
Methylcyclohexane
Concen: 45.18 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

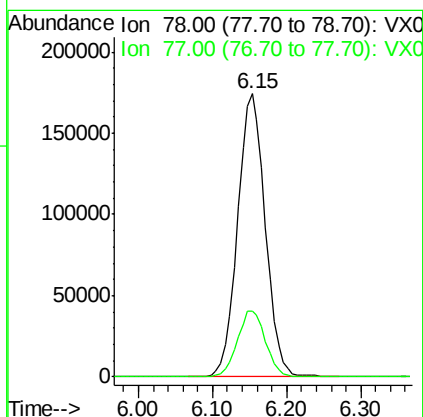
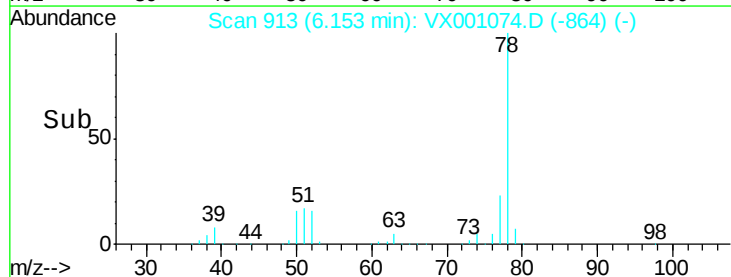
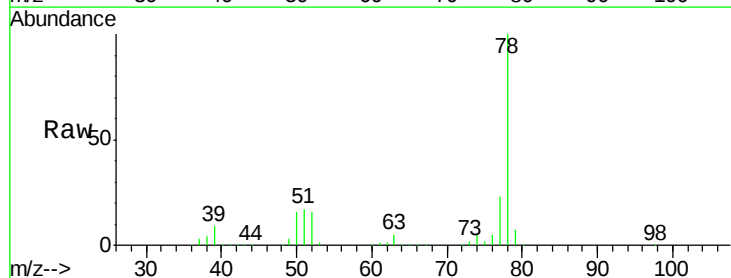
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

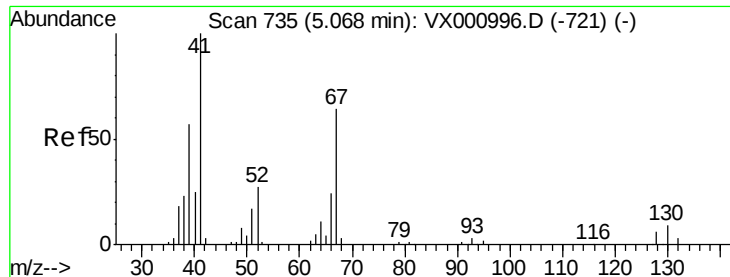
Tgt Ion: 83 Resp: 183352
Ion Ratio Lower Upper
83 100
55 76.7 60.6 91.0
98 47.3 38.2 57.4



#40
Benzene
Concen: 46.85 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion: 78 Resp: 454031
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

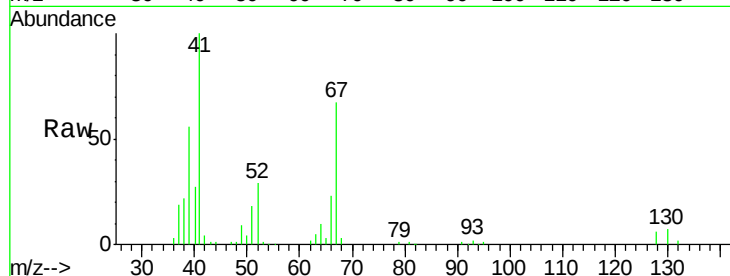




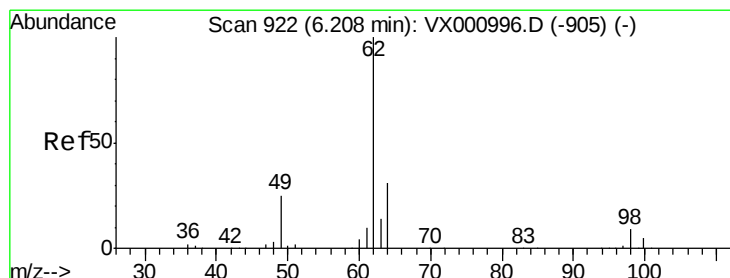
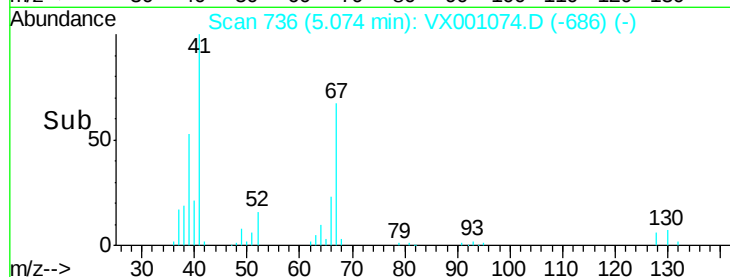
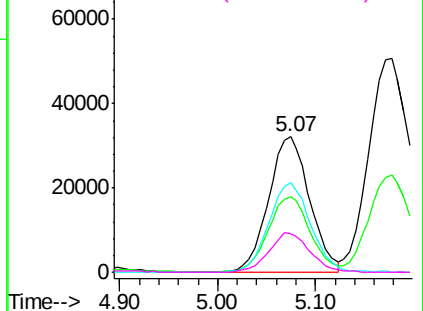
#41
Methacrylonitrile
Concen: 46.92 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	93691
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.2	67.8
67	67.8	53.8	80.8
52	29.8	22.4	33.6

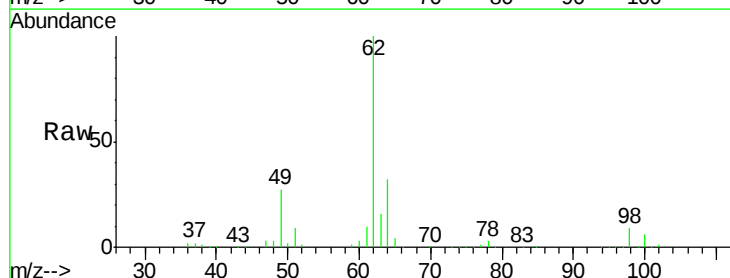


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

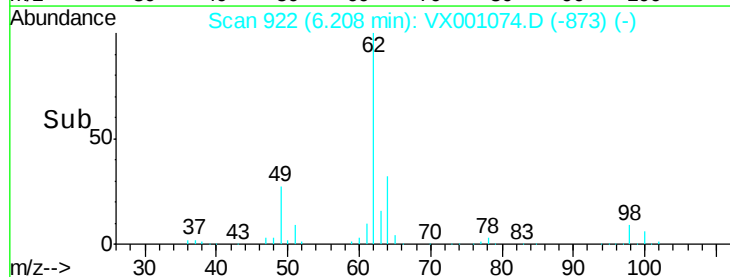
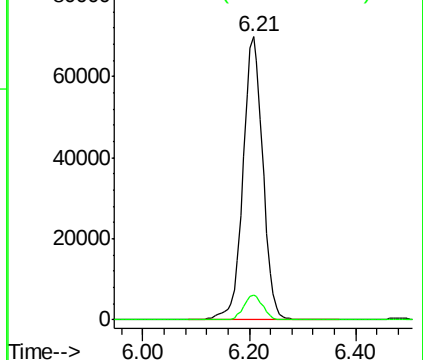


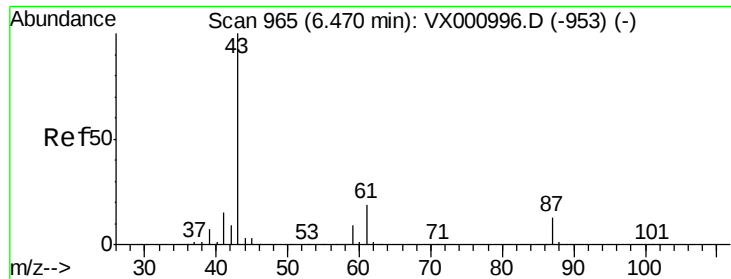
#42
1,2-Dichloroethane
Concen: 48.18 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion:	62	Resp:	179225
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 49.23 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

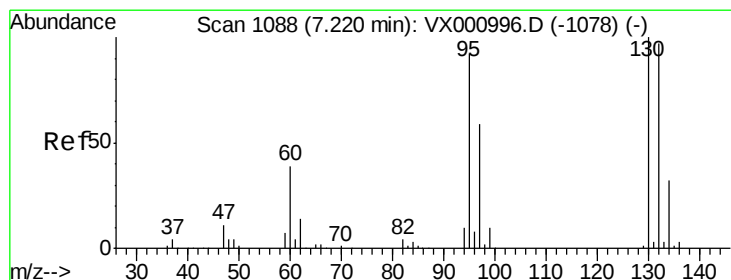
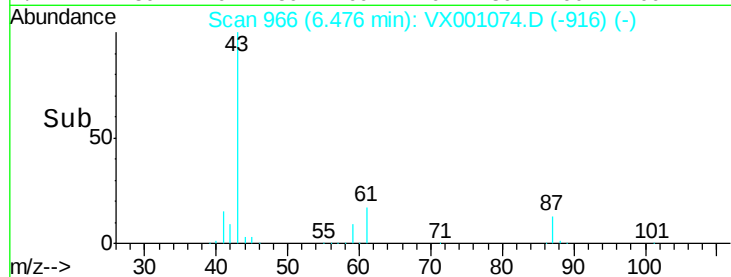
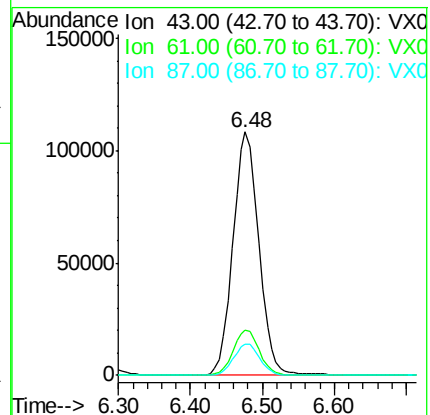
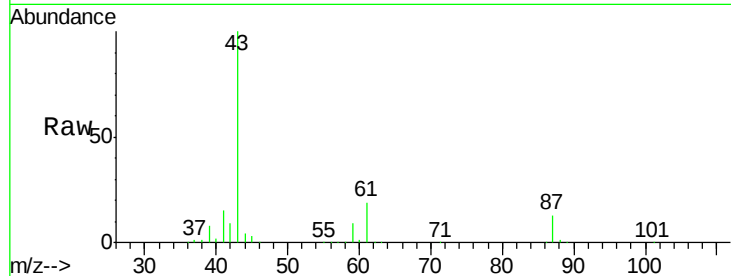
Tgt Ion: 43 Resp: 270082

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.2

87 13.1 10.6 15.8



#44

Trichloroethene

Concen: 45.38 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001074.D

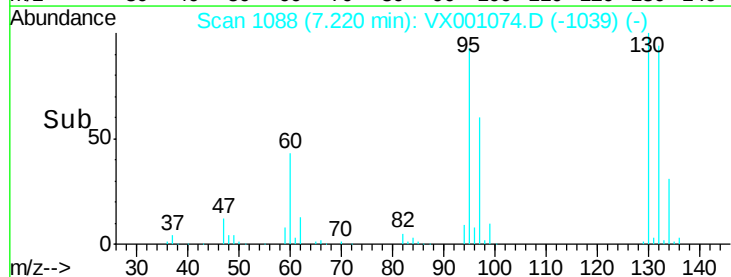
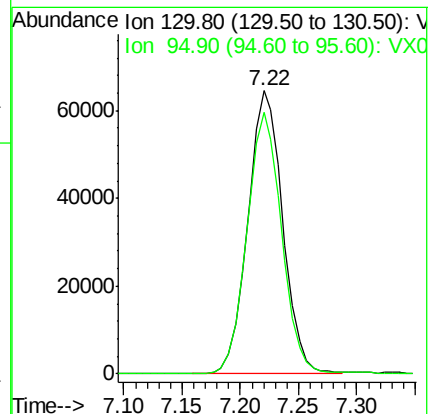
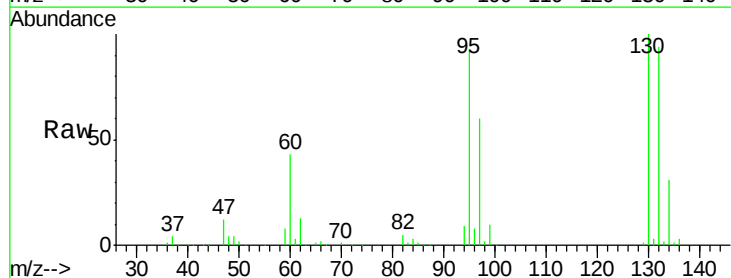
Acq: 23 Apr 2018 21:51

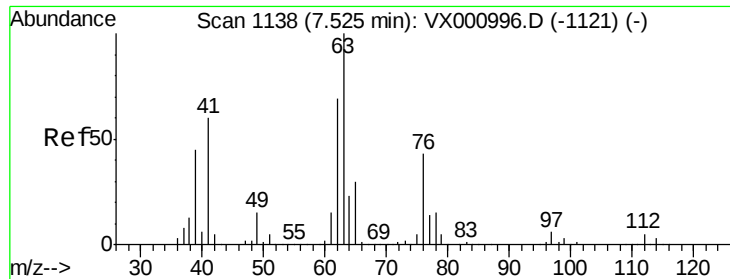
Tgt Ion: 130 Resp: 134372

Ion Ratio Lower Upper

130 100

95 92.6 0.0 184.2

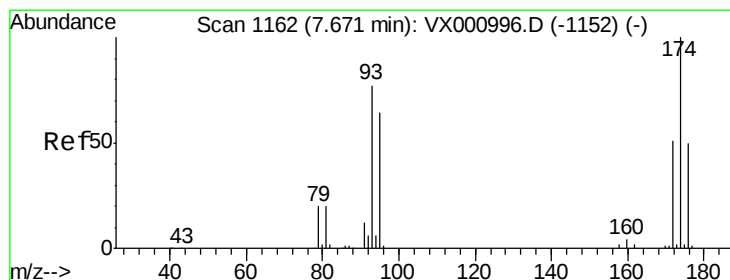
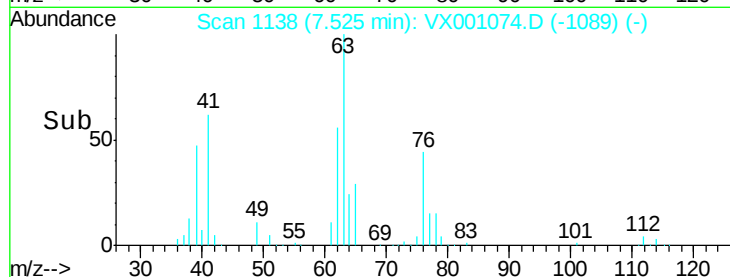
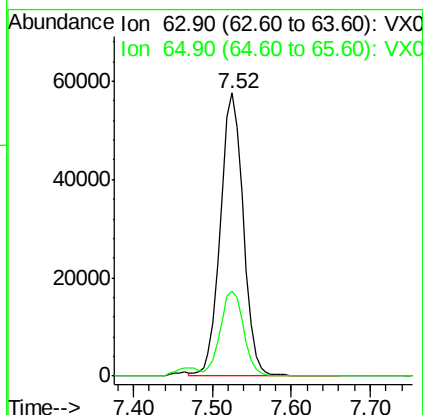
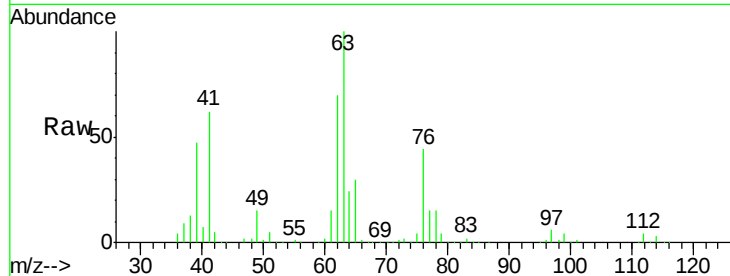




#45
 1,2-Dichloropropane
 Concen: 47.89 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

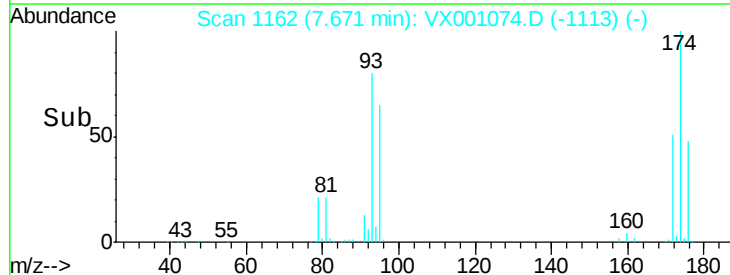
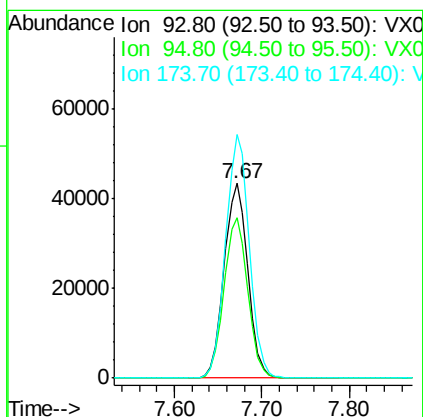
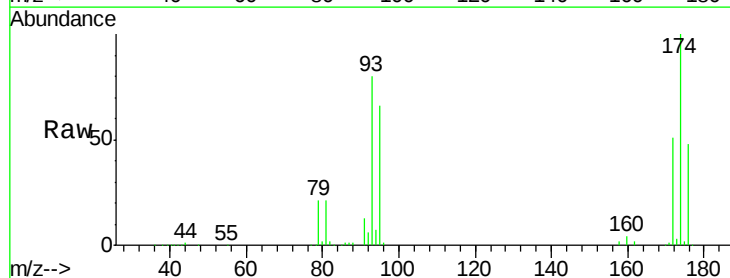
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

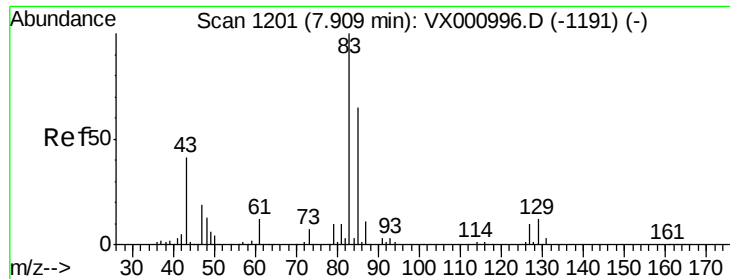
Tgt Ion: 63 Resp: 116712
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.4 36.6



#46
 Dibromomethane
 Concen: 47.92 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Tgt Ion: 93 Resp: 81600
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.7 100.1
 174 124.9 101.8 152.6





#47

Bromodichloromethane

Concen: 49.18 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

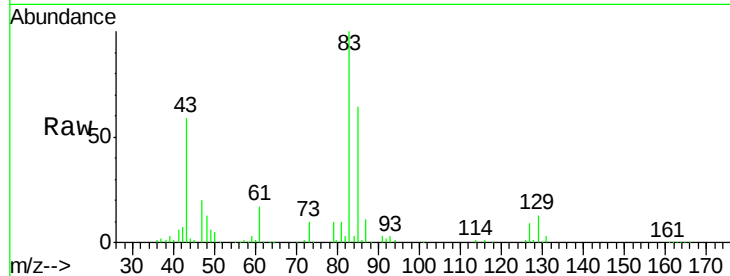
Tgt Ion: 83 Resp: 155147

Ion Ratio Lower Upper

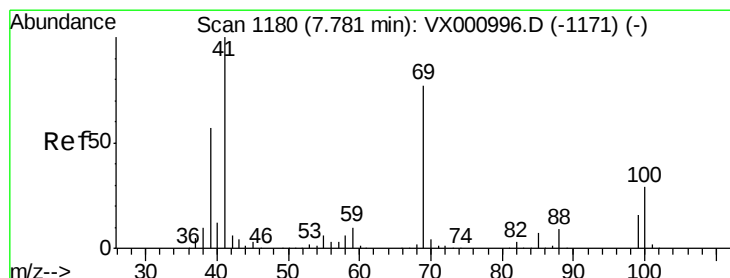
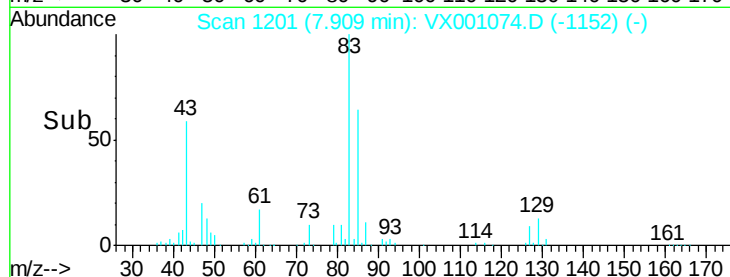
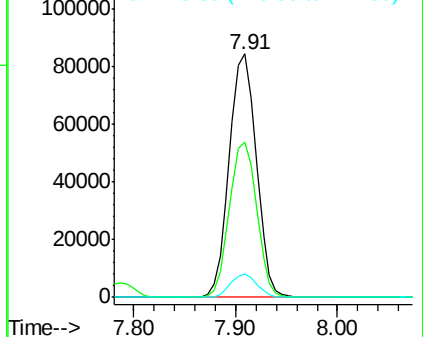
83 100

85 64.0 52.3 78.5

127 9.4 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.99 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

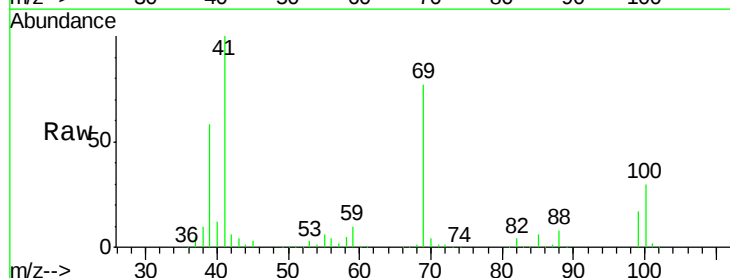
Tgt Ion: 41 Resp: 144713

Ion Ratio Lower Upper

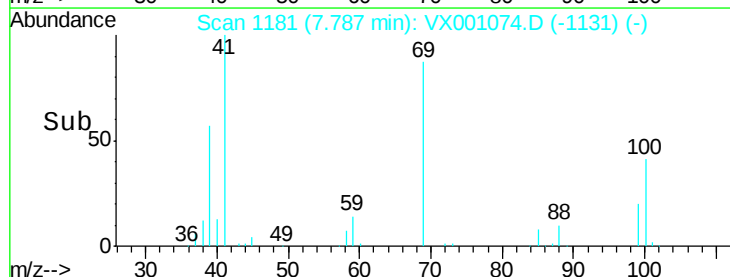
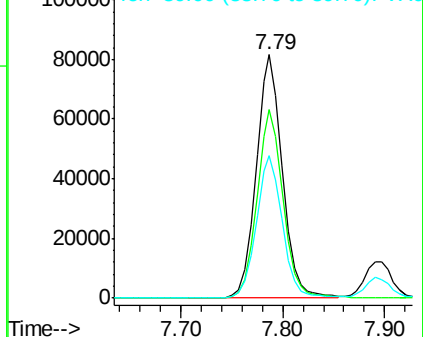
41 100

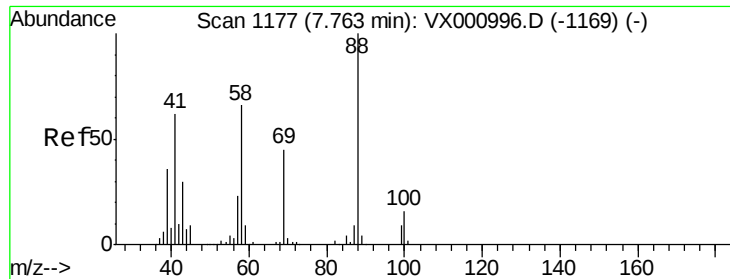
69 78.0 62.6 94.0

39 58.3 45.3 67.9



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

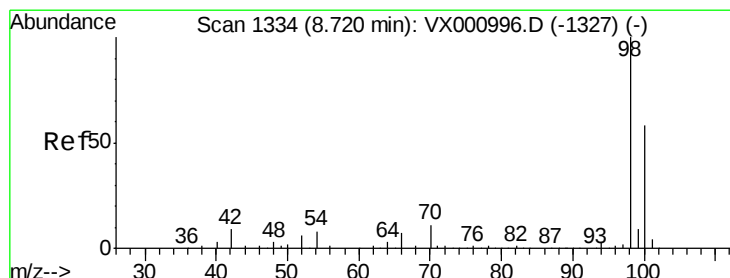
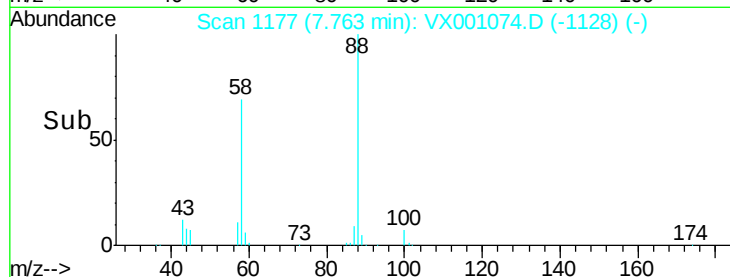
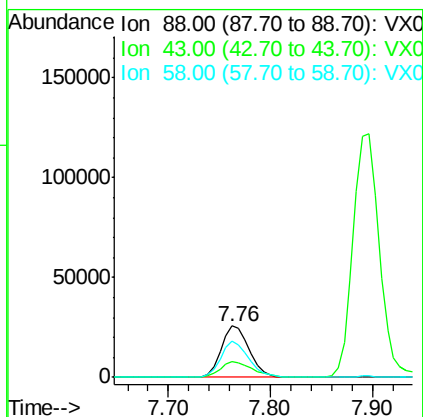
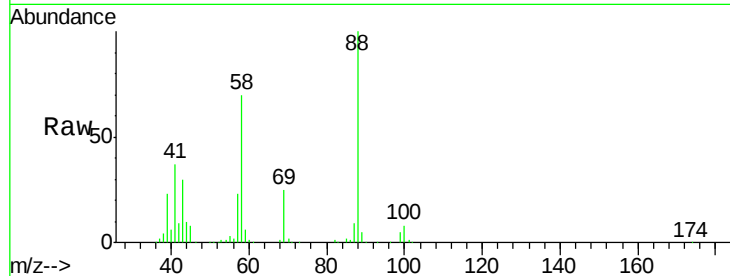




#49
 1,4-Dioxane
 Concen: 1130.15 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

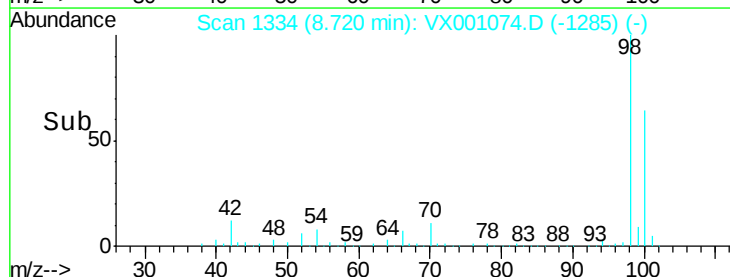
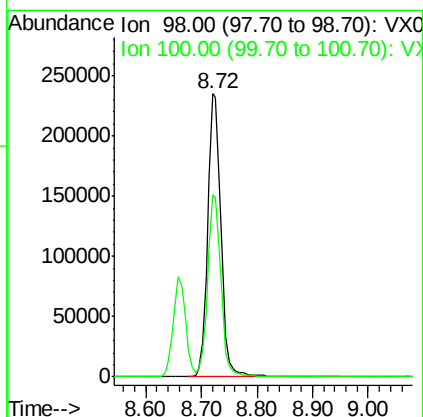
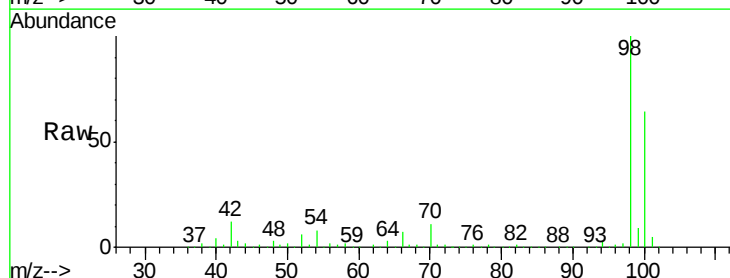
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

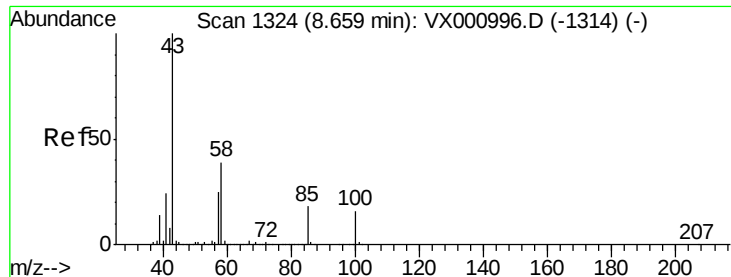
Tgt Ion: 88 Resp: 49095
 Ion Ratio Lower Upper
 88 100
 43 35.4 29.2 43.8
 58 70.2 55.0 82.6



#50
 Toluene-d8
 Concen: 47.02 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Tgt Ion: 98 Resp: 393337
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 259.26 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

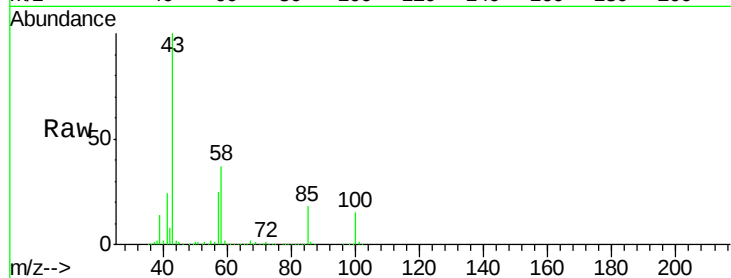
VSTDCCC050EC

Tgt Ion: 43 Resp: 863615

Ion Ratio Lower Upper

43 100

58 37.0 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

600000

500000

400000

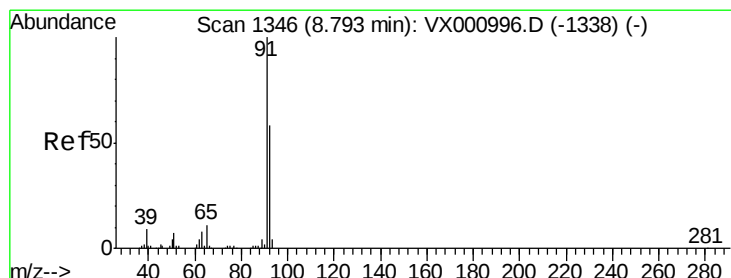
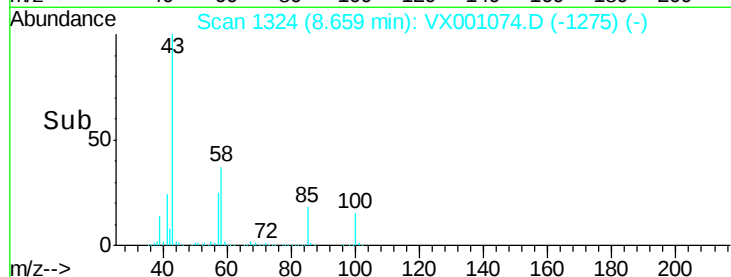
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.44 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001074.D

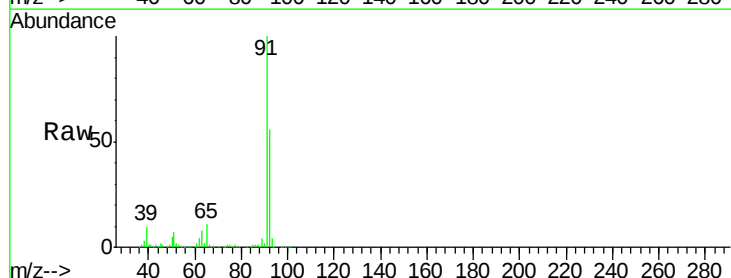
Acq: 23 Apr 2018 21:51

Tgt Ion: 92 Resp: 300073

Ion Ratio Lower Upper

92 100

91 174.7 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

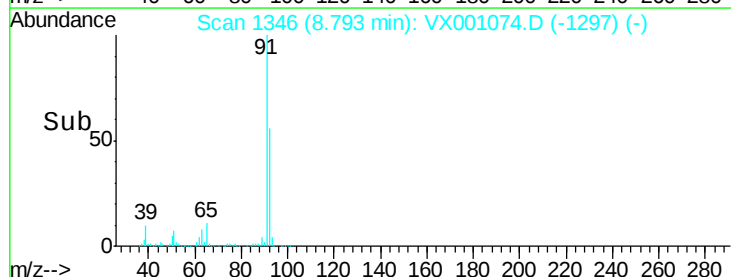
300000

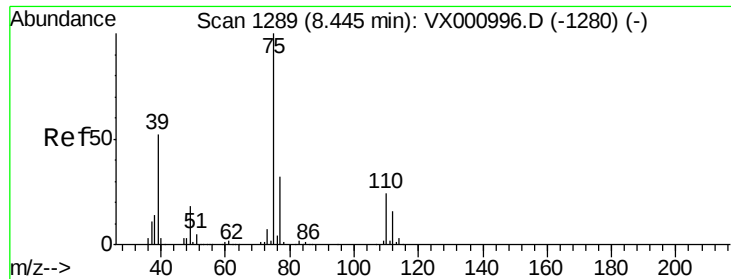
200000

100000

0

Time-->

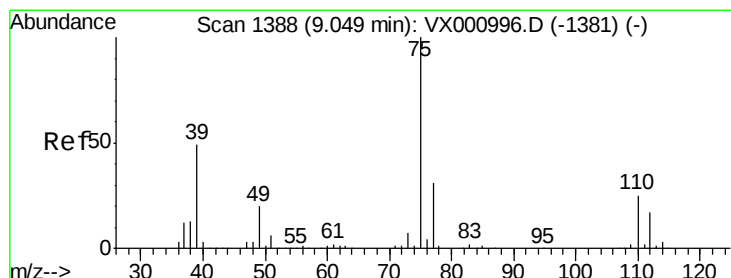
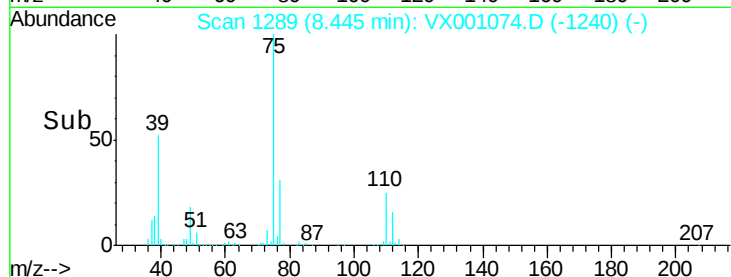
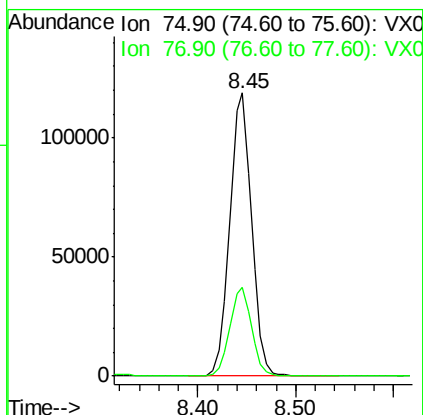
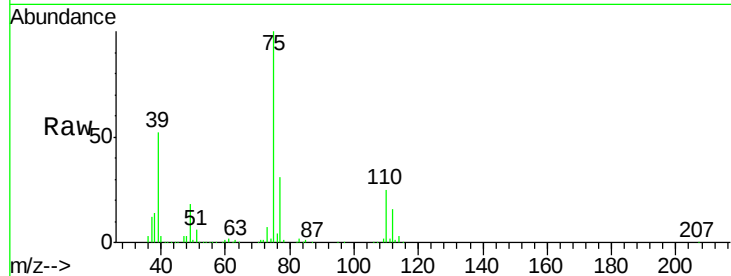




#53
t-1,3-Dichloropropene
Concen: 48.75 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

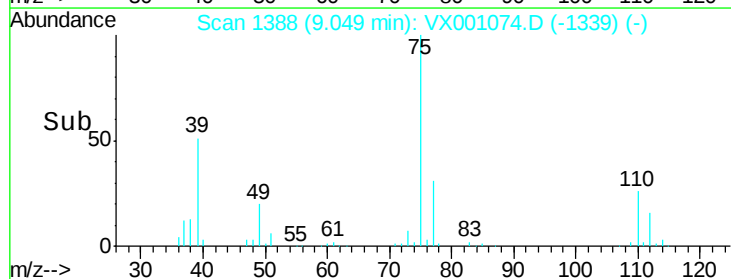
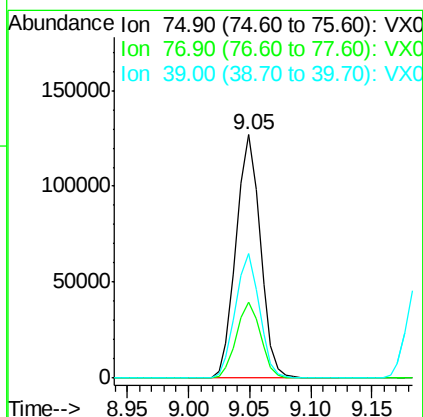
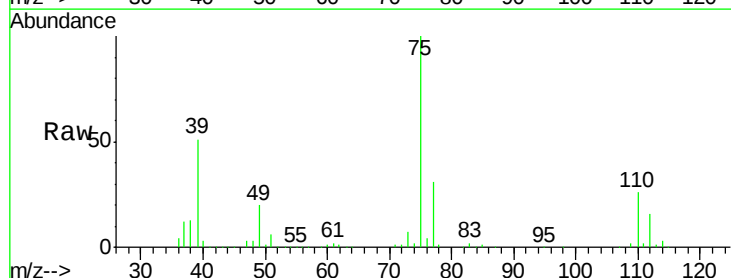
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

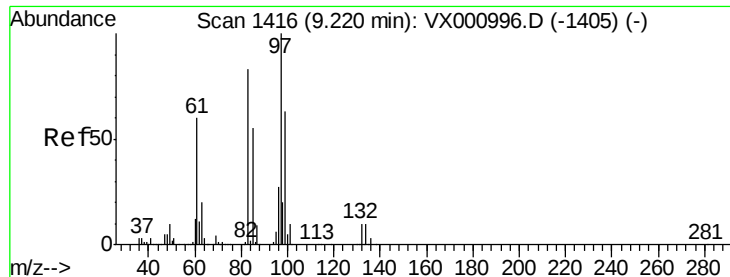
Tgt Ion: 75 Resp: 183901
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 49.21 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion: 75 Resp: 175056
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 51.1 39.2 58.8

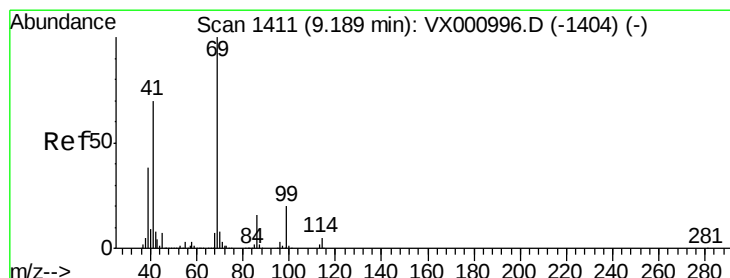
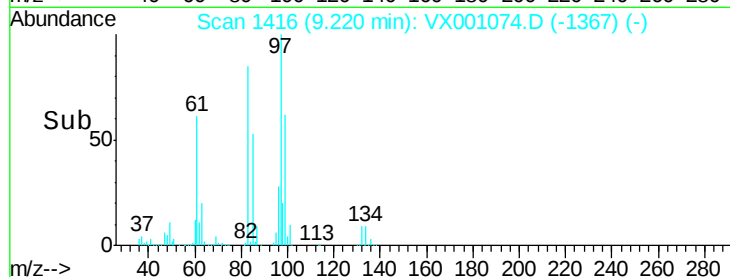
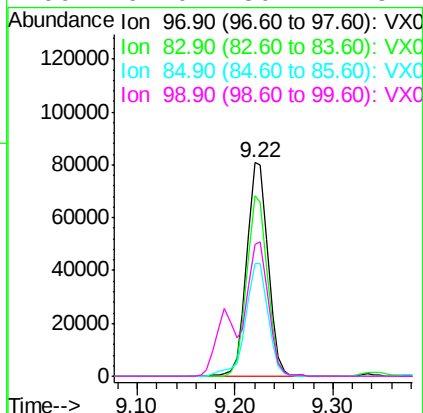
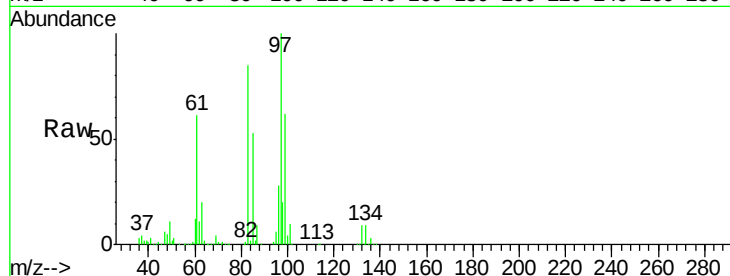




#55
 1,1,2-Trichloroethane
 Concen: 48.75 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

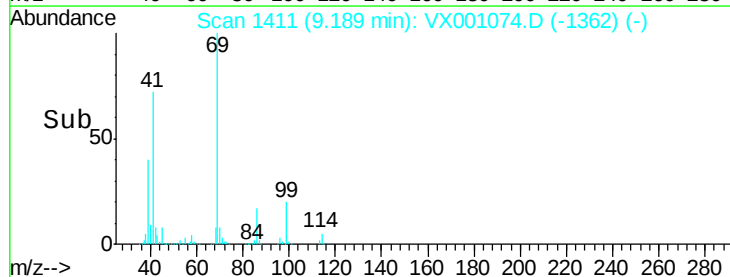
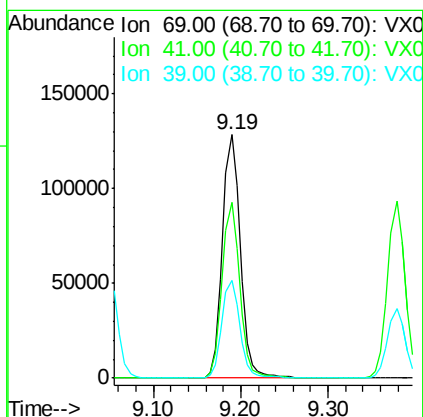
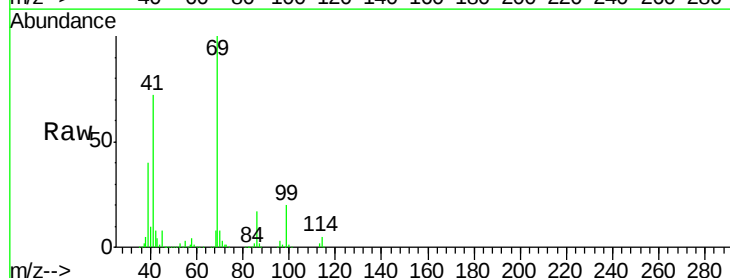
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

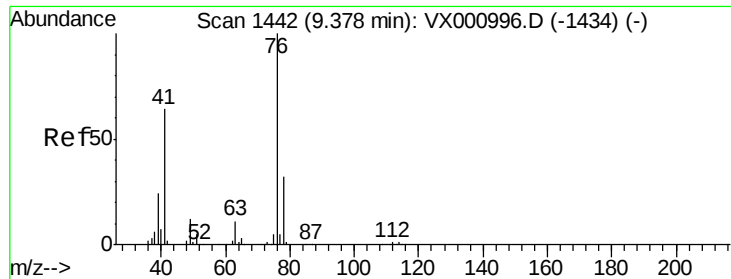
Tgt Ion:	97	Resp:	122577
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.2	99.4
85	52.8	44.2	66.4
99	62.0	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 49.56 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Tgt Ion:	69	Resp:	183036
Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.3	84.5
39	40.4	30.4	45.6





#57

1,3-Dichloropropane

Concen: 47.41 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

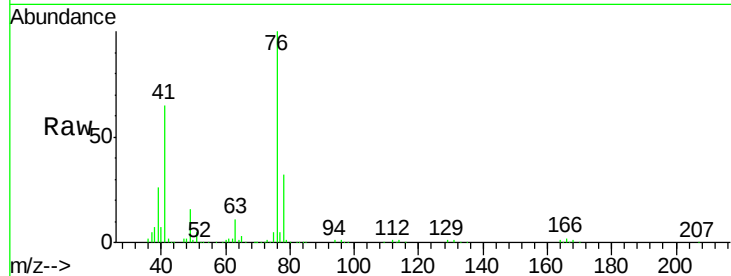
VSTDCCC050EC

Tgt Ion: 76 Resp: 197487

Ion Ratio Lower Upper

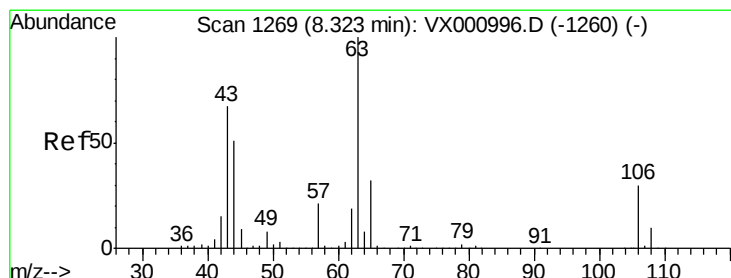
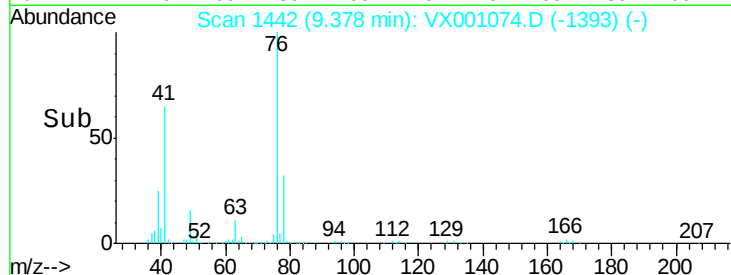
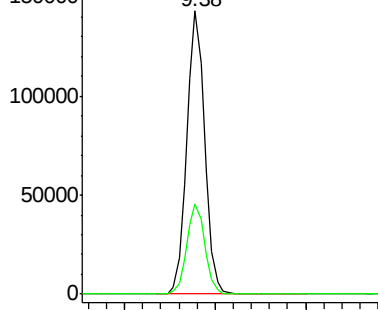
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 252.43 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX001074.D

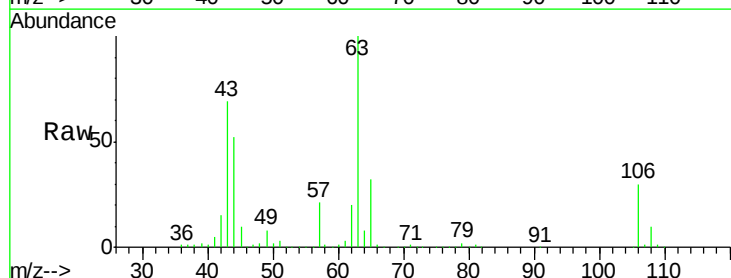
Acq: 23 Apr 2018 21:51

Tgt Ion: 63 Resp: 454960

Ion Ratio Lower Upper

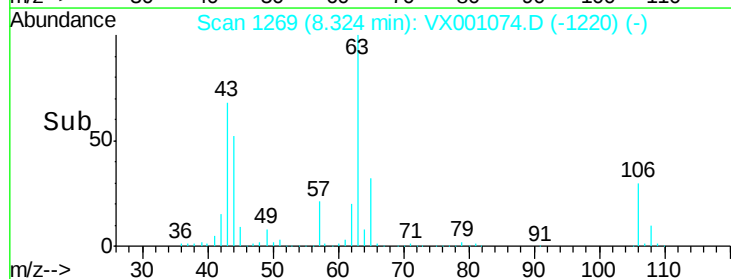
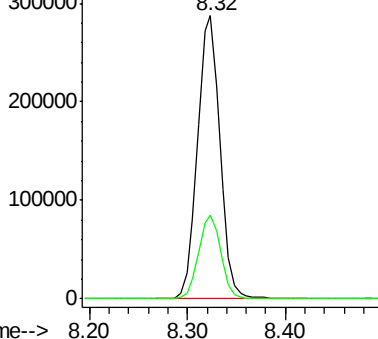
63 100

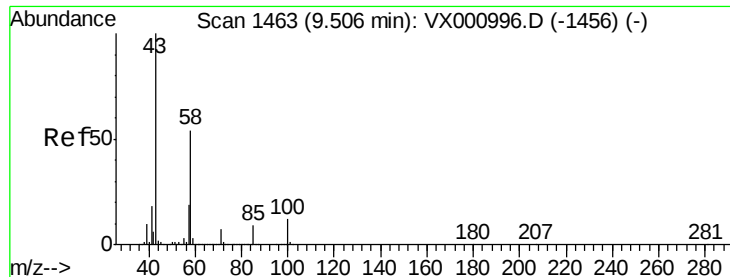
106 29.6 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

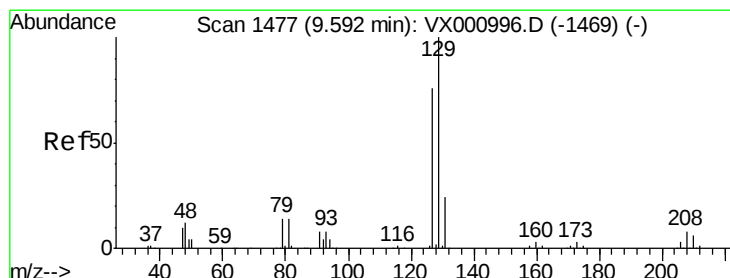
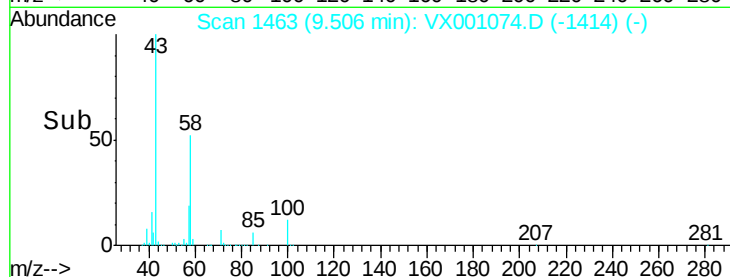
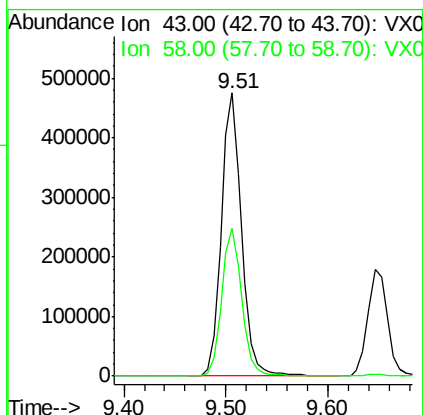
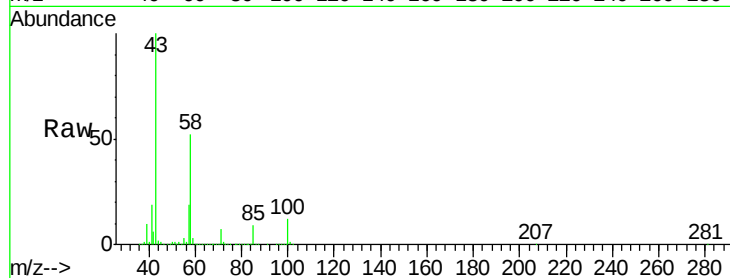




#59
2-Hexanone
Concen: 256.58 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

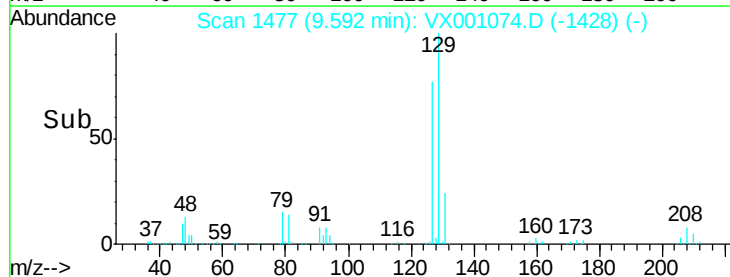
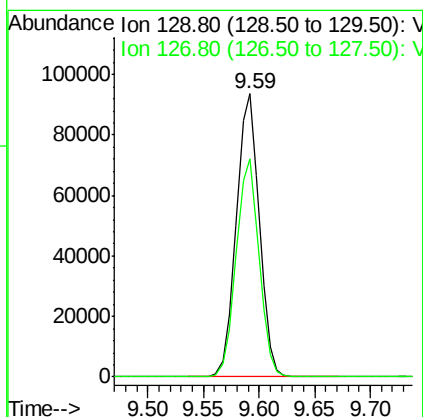
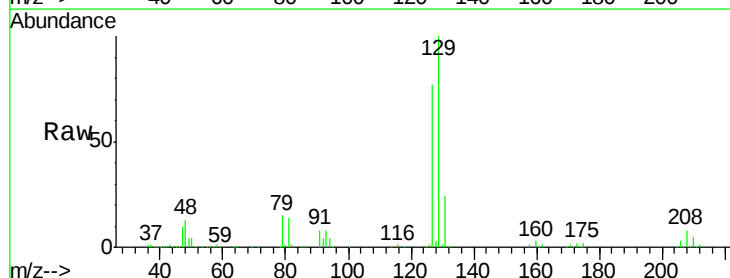
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

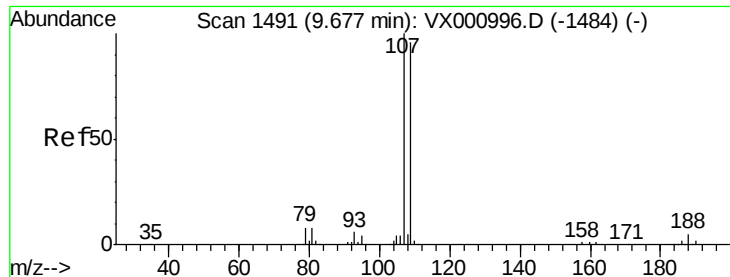
Tgt Ion: 43 Resp: 654216
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9



#60
Dibromochloromethane
Concen: 50.76 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion: 129 Resp: 134051
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.00 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

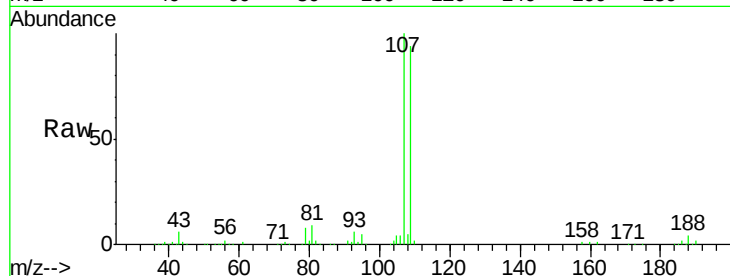
VSTDCCC050EC

Tgt Ion: 107 Resp: 130011

Ion Ratio Lower Upper

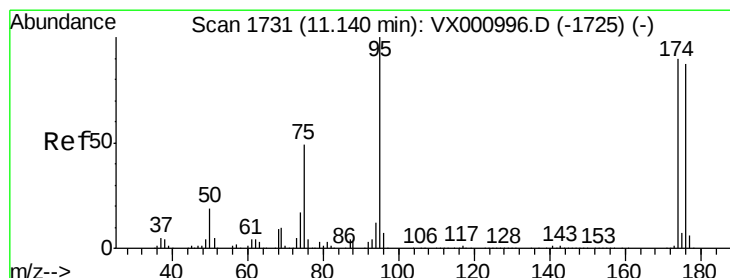
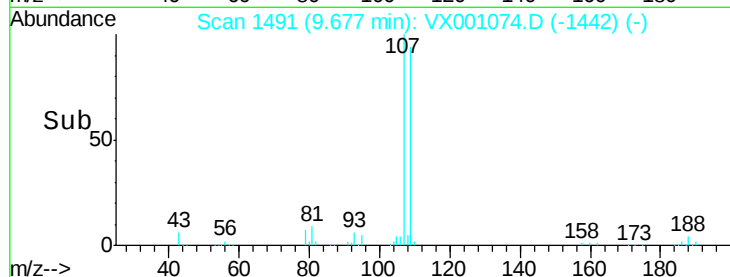
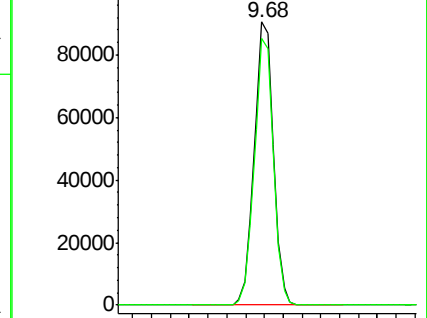
107 100

109 94.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.43 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

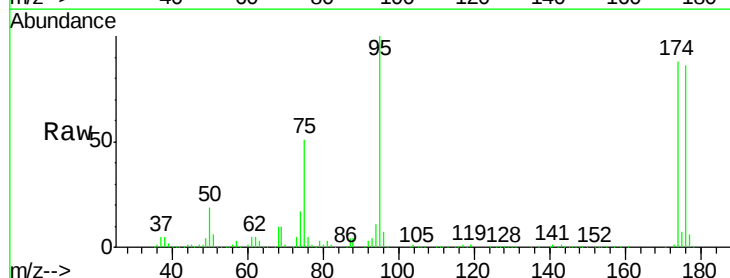
Tgt Ion: 95 Resp: 162989

Ion Ratio Lower Upper

95 100

174 97.3 0.0 198.4

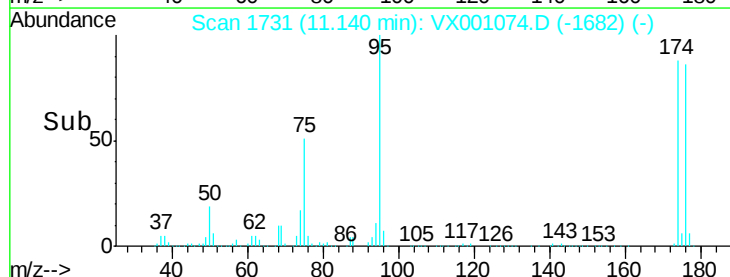
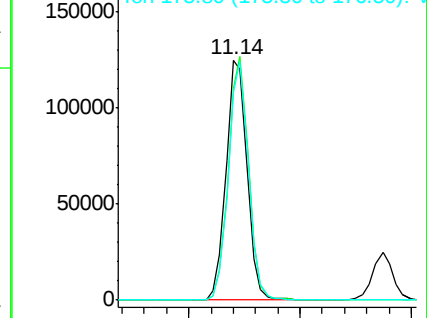
176 95.0 0.0 192.0

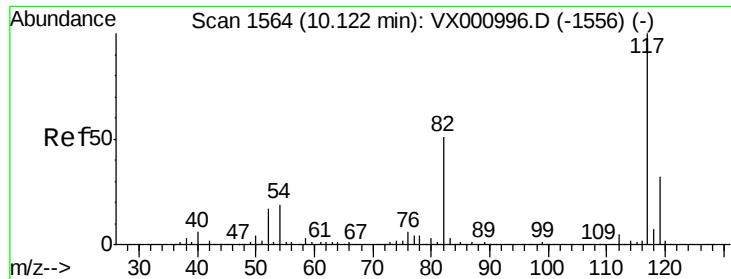


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

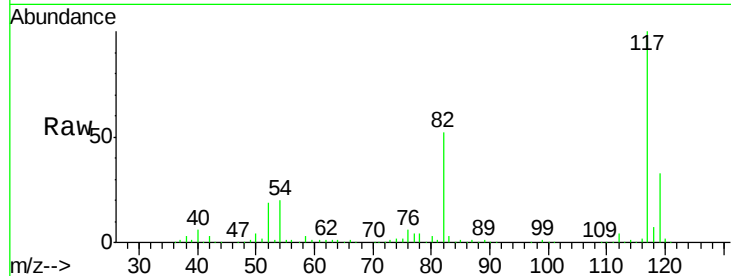




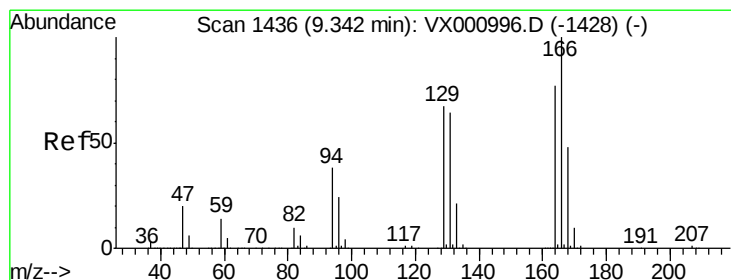
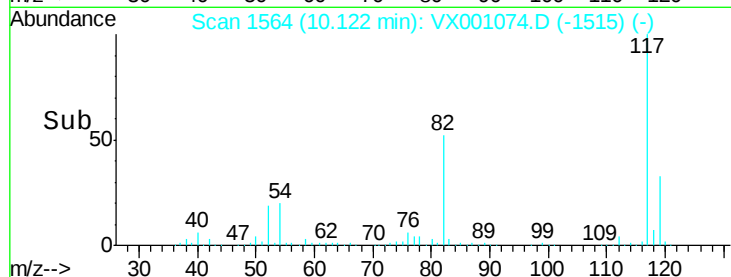
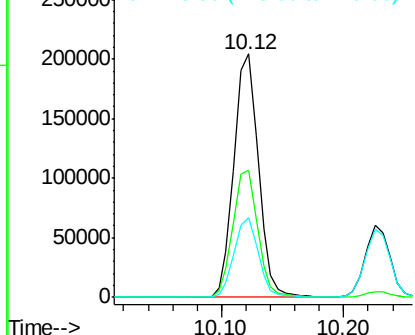
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 285201
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 32.7 26.0 39.0

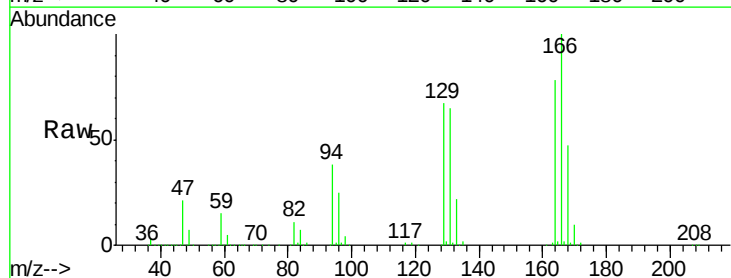


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

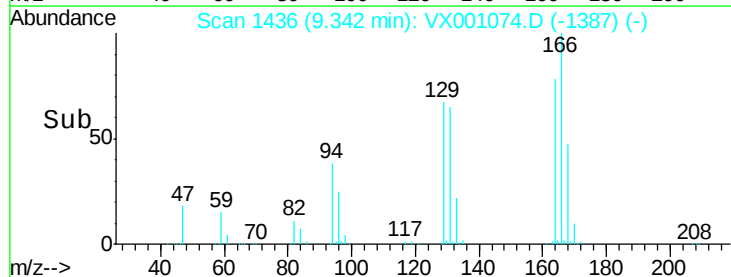
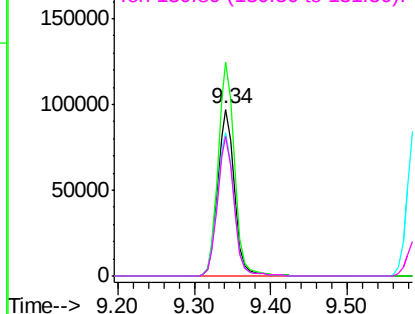


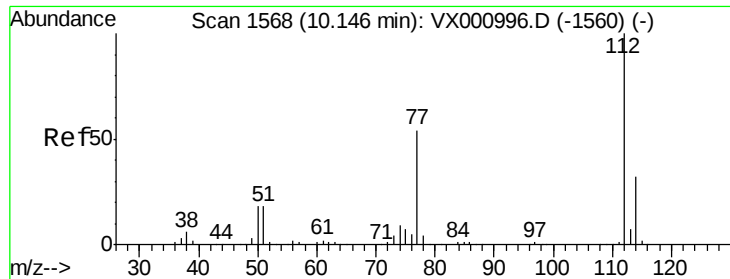
#64
Tetrachloroethene
Concen: 47.96 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion:164 Resp: 145269
Ion Ratio Lower Upper
164 100
166 127.9 103.5 155.3
129 86.1 69.6 104.4
131 83.5 65.8 98.8



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





#65

Chlorobenzene

Concen: 47.03 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

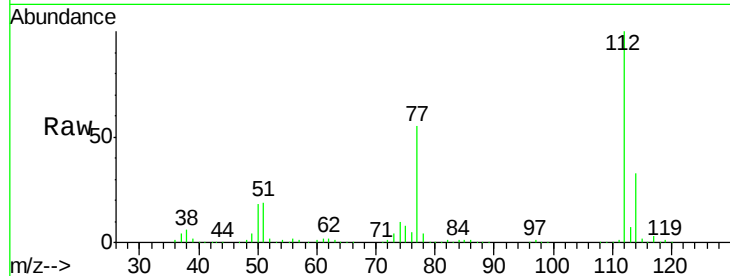
VSTDCCC050EC

Tgt Ion:112 Resp: 357117

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

250000

200000

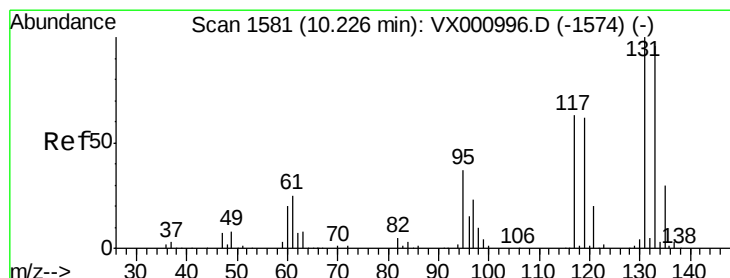
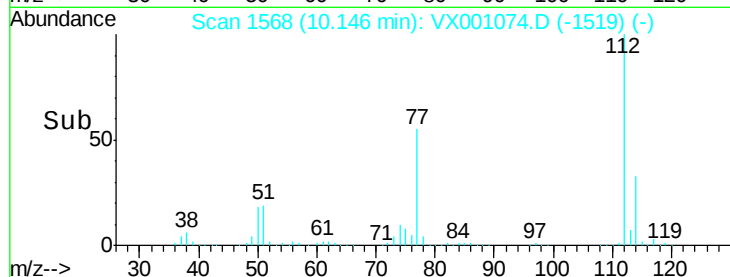
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.90 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

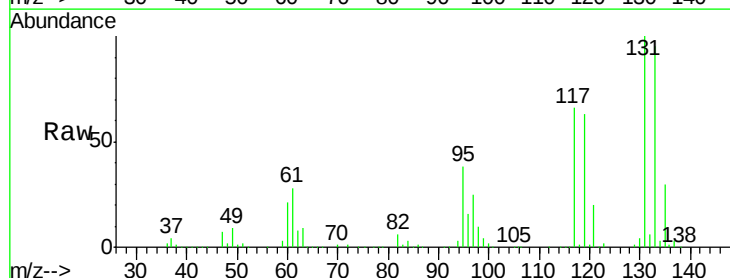
Tgt Ion:131 Resp: 130078

Ion Ratio Lower Upper

131 100

133 95.4 47.6 142.8

119 62.3 31.1 93.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

120000

100000

80000

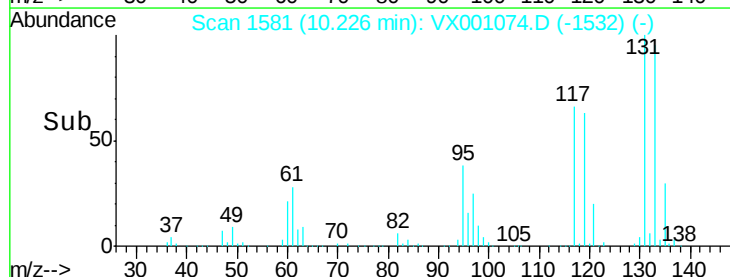
60000

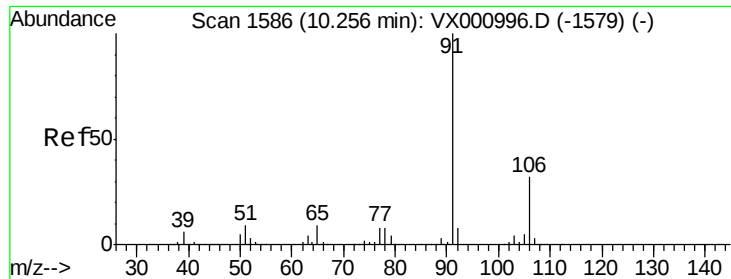
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 47.01 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

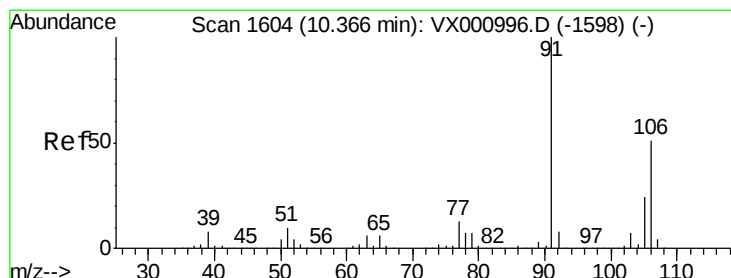
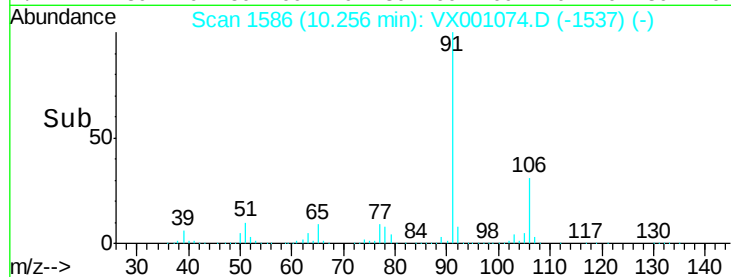
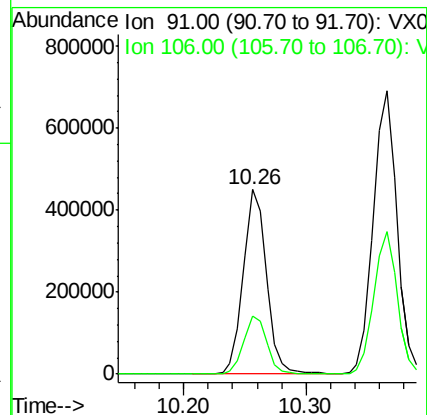
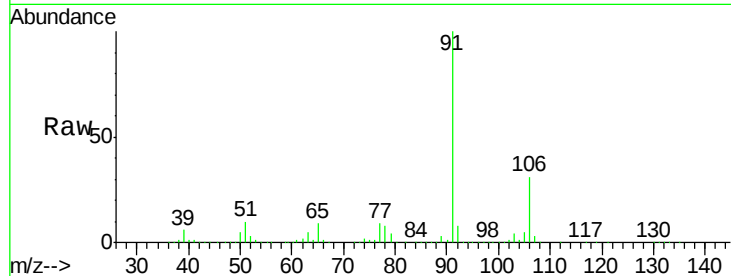
VSTDCCC050EC

Tgt Ion: 91 Resp: 592870

Ion Ratio Lower Upper

91 100

106 31.3 25.7 38.5



#68

m/p-Xylenes

Concen: 94.33 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001074.D

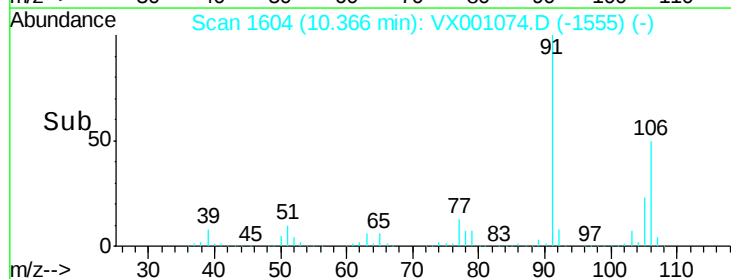
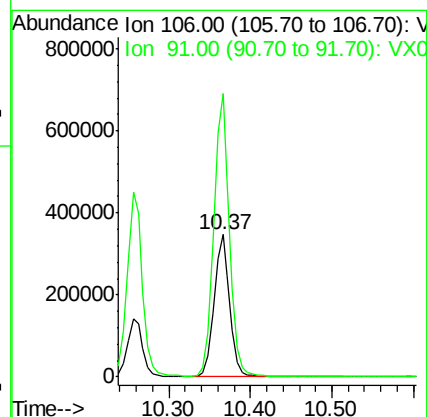
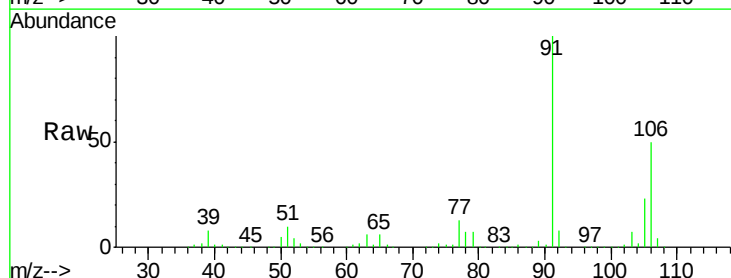
Acq: 23 Apr 2018 21:51

Tgt Ion: 106 Resp: 468861

Ion Ratio Lower Upper

106 100

91 200.7 159.3 238.9

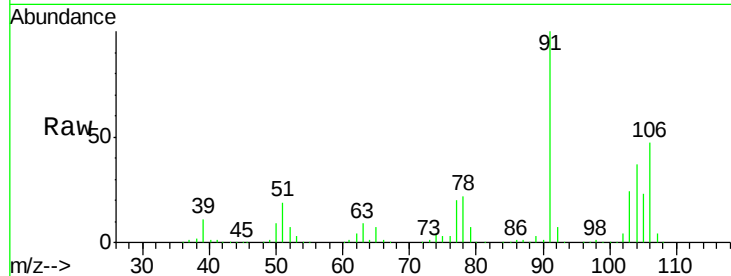




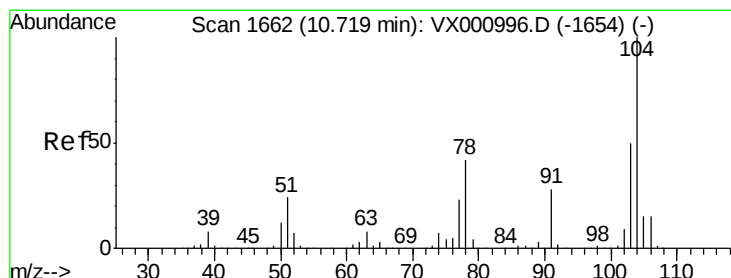
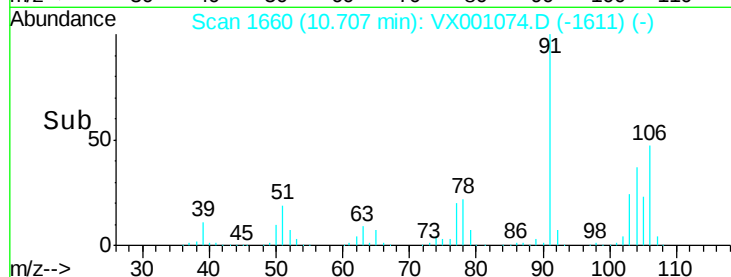
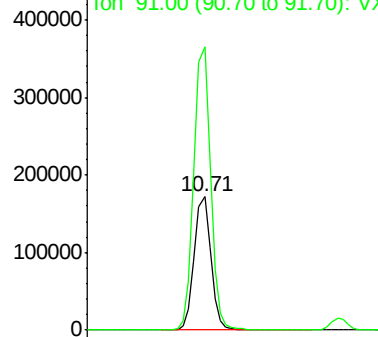
#69
o-Xylene
Concen: 47.44 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 227326
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1

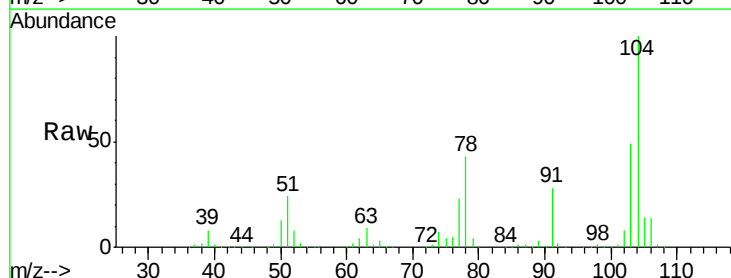


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

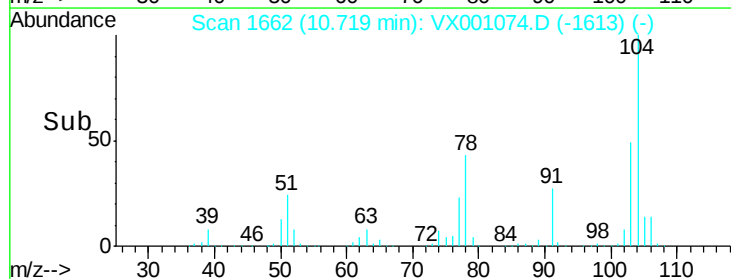
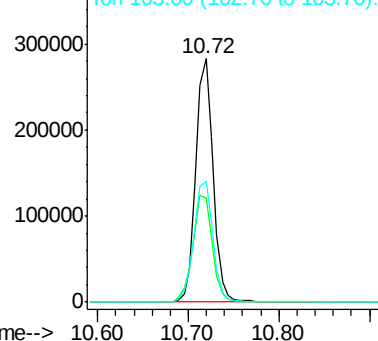


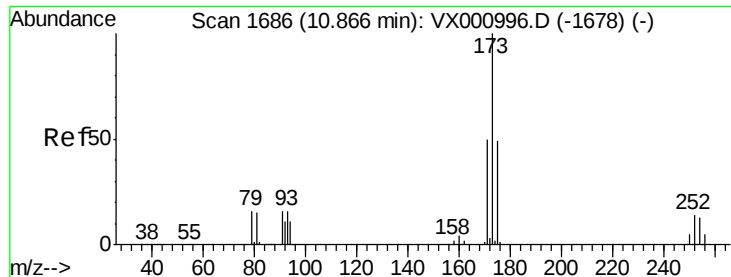
#70
Styrene
Concen: 48.03 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion:104 Resp: 379072
Ion Ratio Lower Upper
104 100
78 49.8 39.4 59.2
103 55.2 44.2 66.2



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

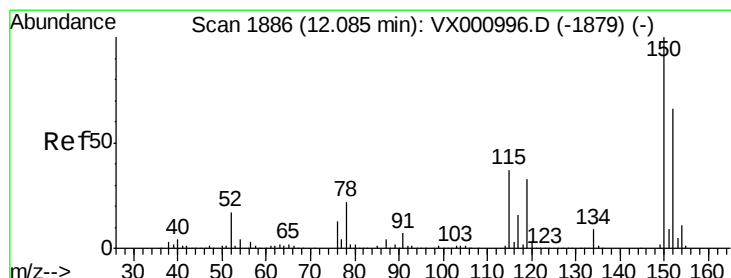
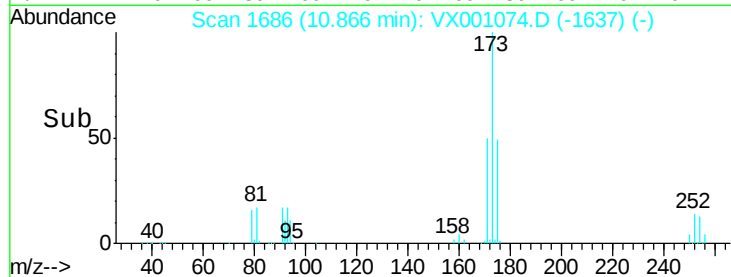
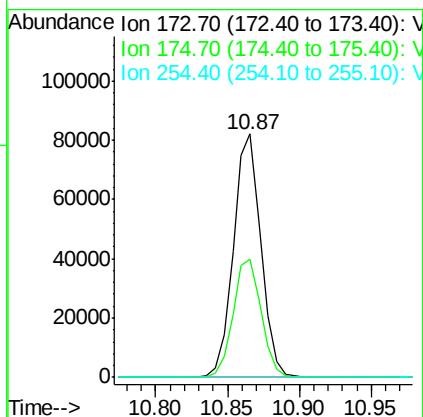
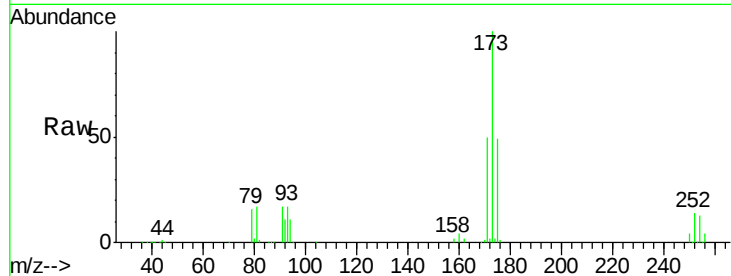




#71
Bromoform
Concen: 45.21 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

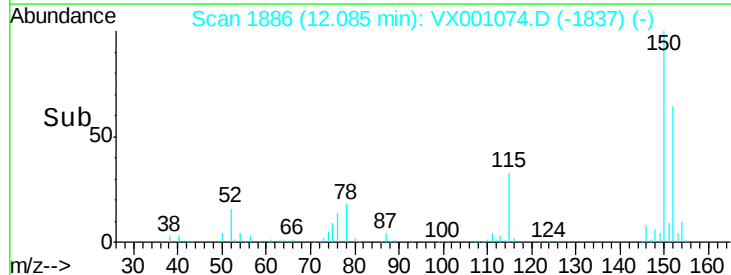
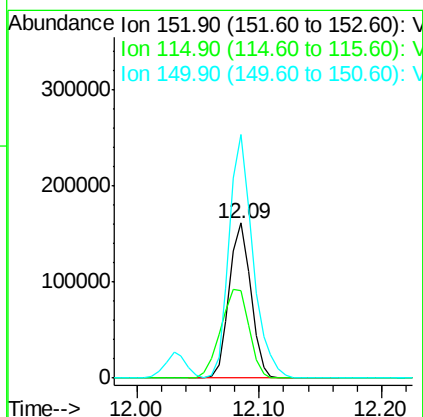
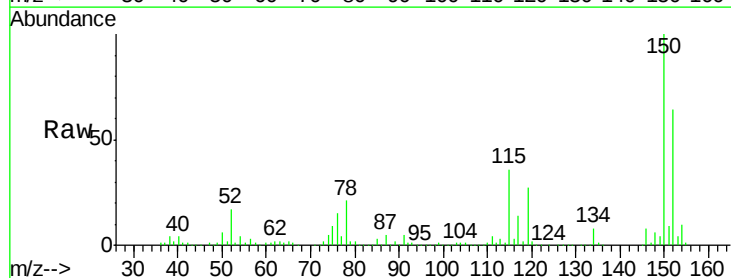
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

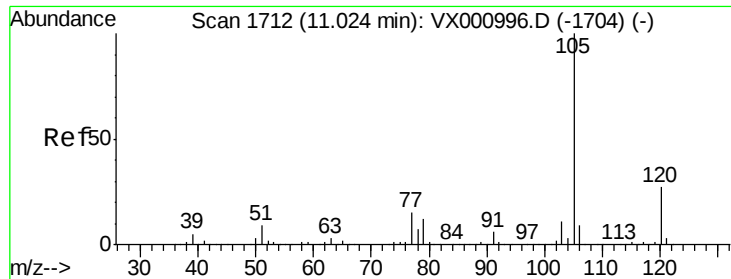
Tgt Ion:173 Resp: 109043
Ion Ratio Lower Upper
173 100
175 49.7 24.8 74.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion:152 Resp: 197232
Ion Ratio Lower Upper
152 100
115 75.6 38.2 114.6
150 172.5 0.0 350.4





#73

Isopropylbenzene

Concen: 47.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

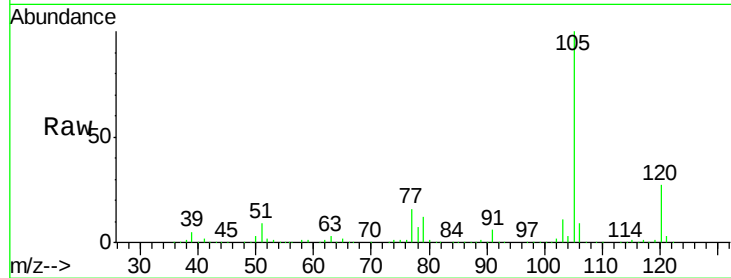
VSTDCCC050EC

Tgt Ion: 105 Resp: 615942

Ion Ratio Lower Upper

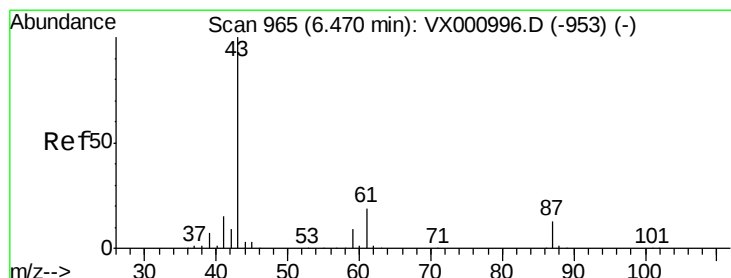
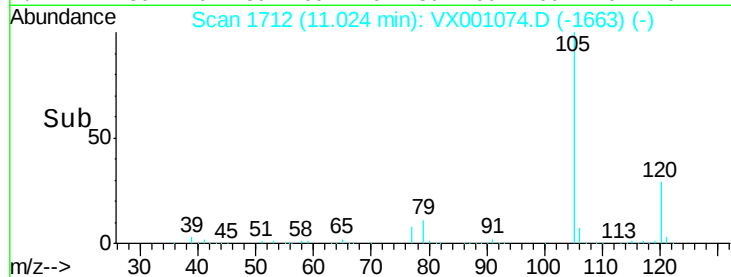
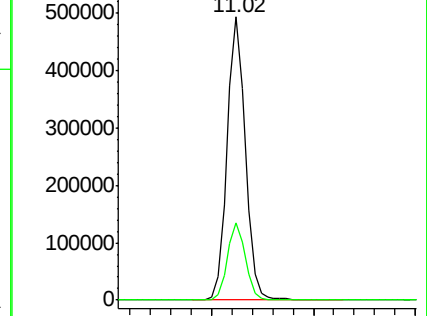
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.97 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Tgt Ion: 43 Resp: 270082

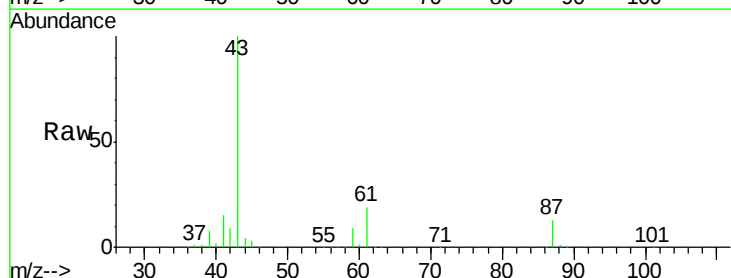
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.9 15.4 23.2

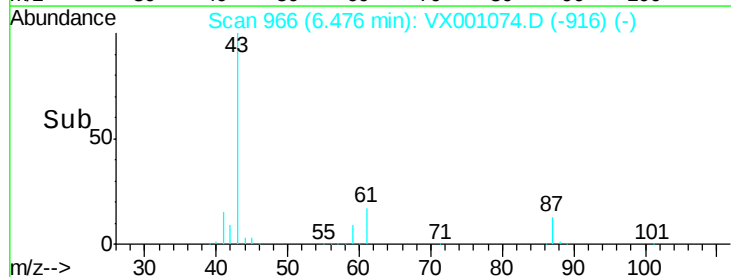
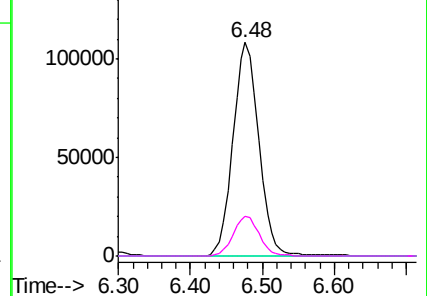


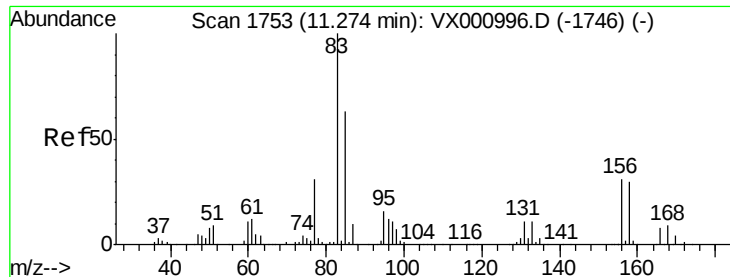
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.54 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

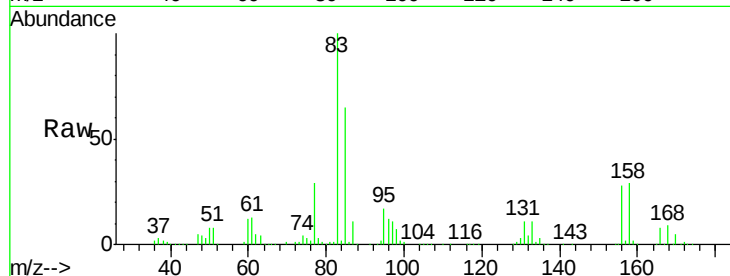
Tgt Ion: 83 Resp: 184493

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

85 65.1 32.0 96.2



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

11.27

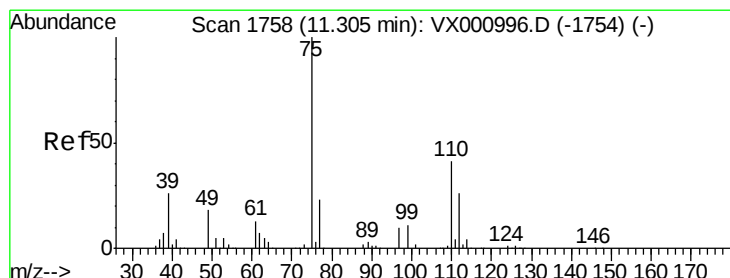
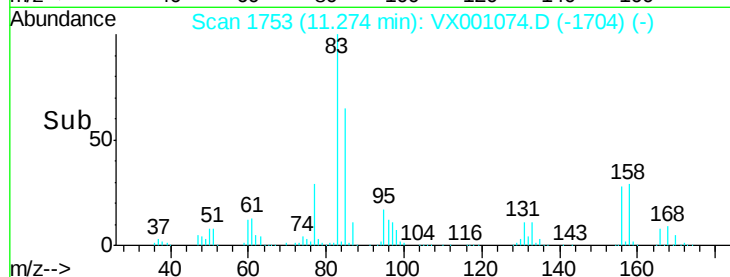
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 60.45 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001074.D

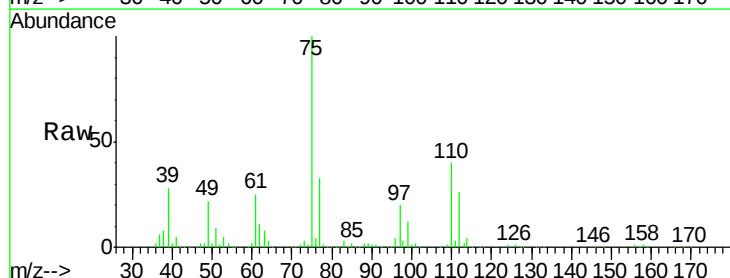
Acq: 23 Apr 2018 21:51

Tgt Ion: 75 Resp: 206873

Ion Ratio Lower Upper

75 100

77 31.7 19.6 58.7



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

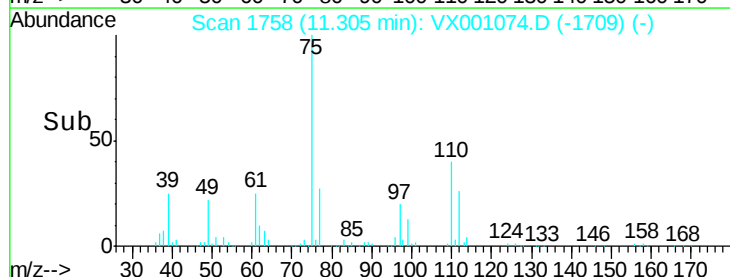
150000

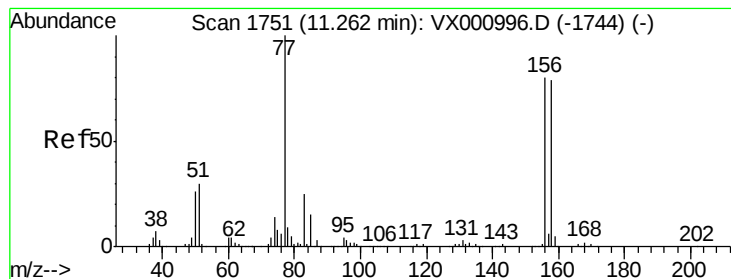
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 47.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

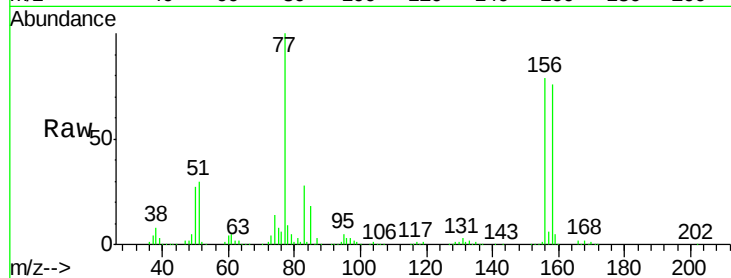
Tgt Ion:156 Resp: 176368

Ion Ratio Lower Upper

156 100

77 134.3 66.3 199.0

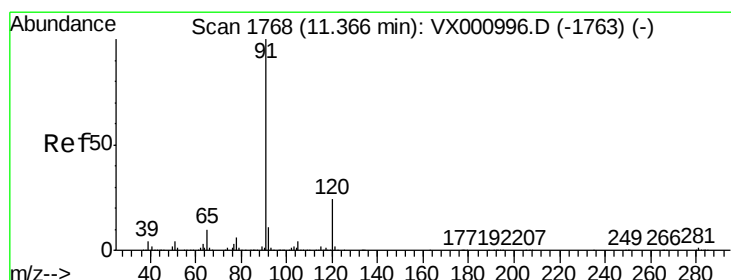
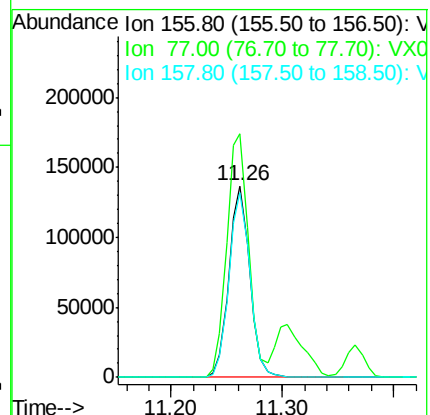
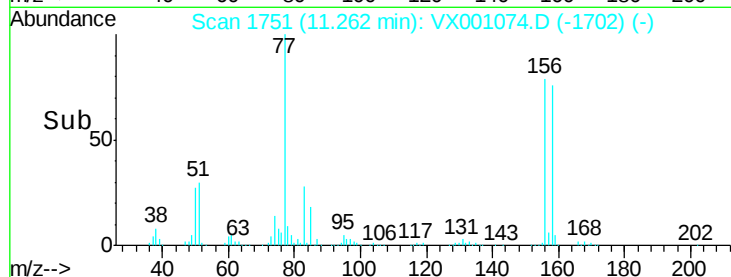
158 98.0 48.9 146.6



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: 47.03 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001074.D

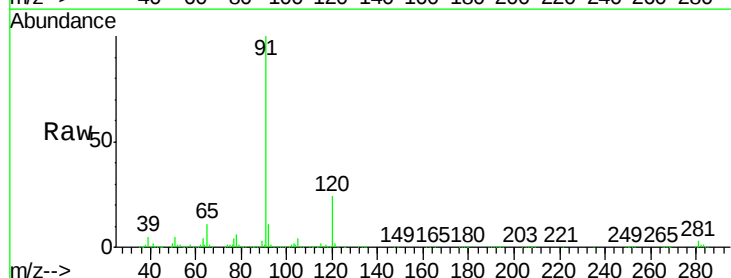
Acq: 23 Apr 2018 21:51

Tgt Ion: 91 Resp: 696098

Ion Ratio Lower Upper

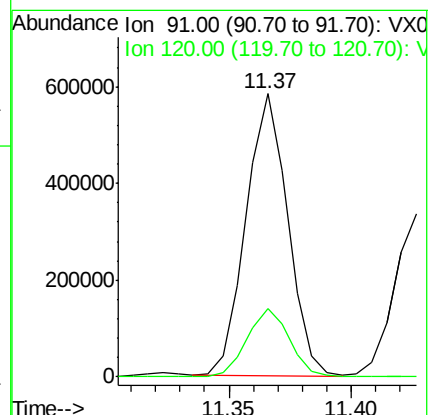
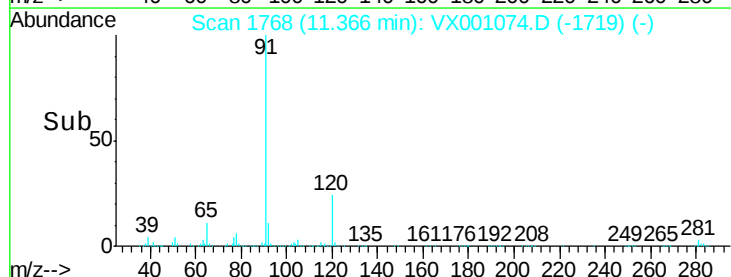
91 100

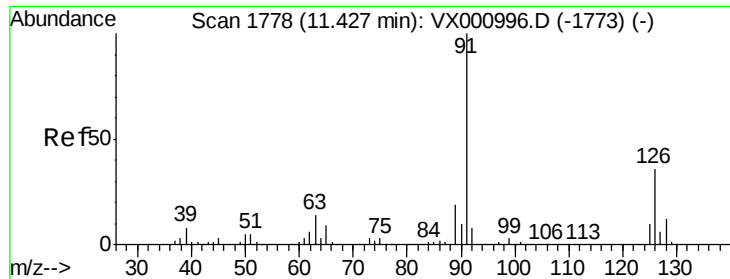
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

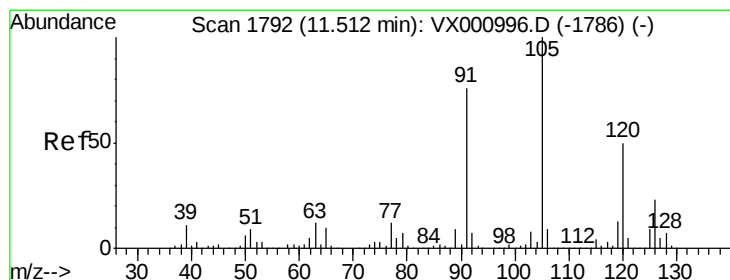
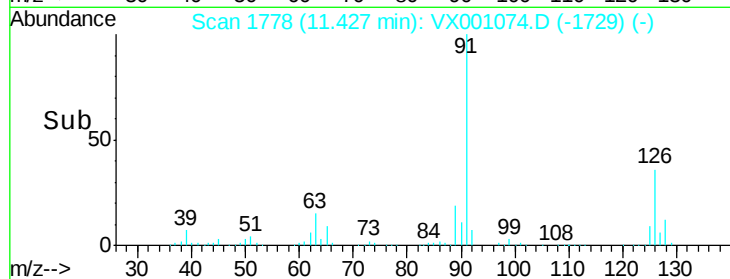
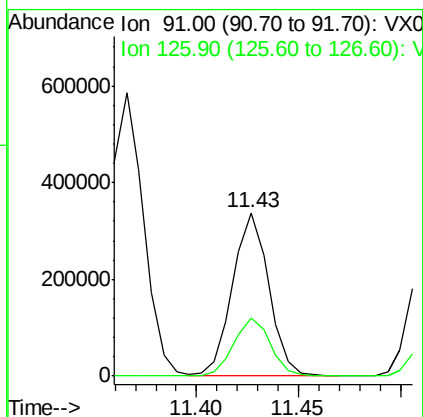
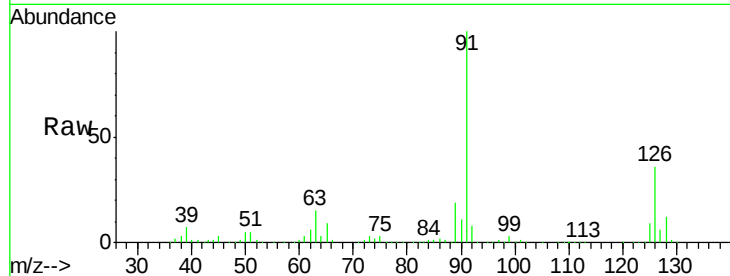




#79
2-Chlorotoluene
Concen: 47.21 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

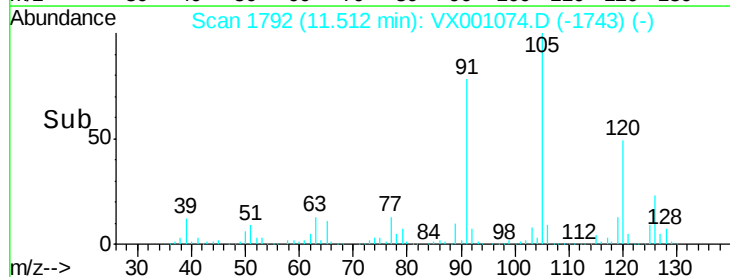
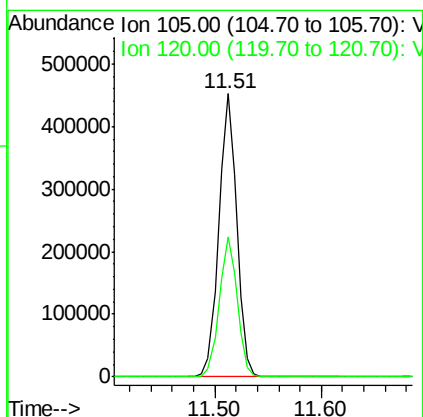
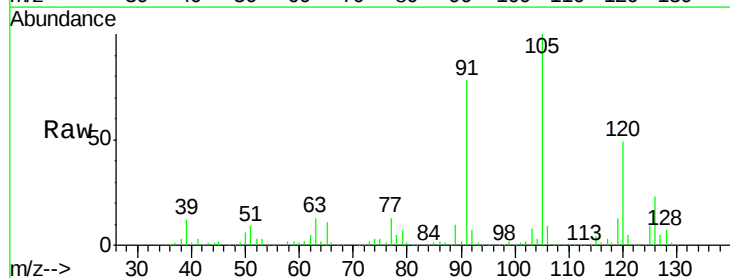
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

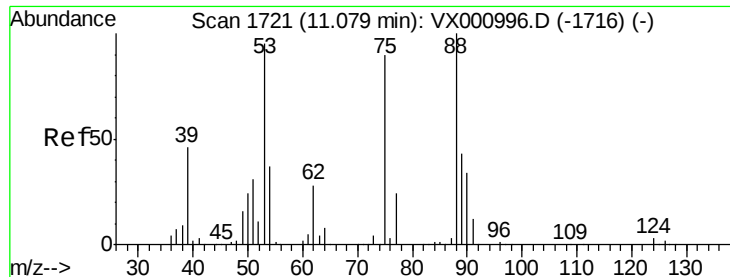
Tgt Ion: 91 Resp: 412958
Ion Ratio Lower Upper
91 100
126 36.3 18.3 54.9



#80
1,3,5-Trimethylbenzene
Concen: 48.33 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion: 105 Resp: 528257
Ion Ratio Lower Upper
105 100
120 49.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 42.17 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

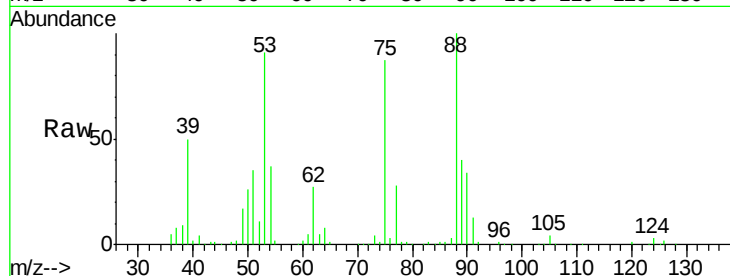
Tgt Ion: 75 Resp: 46423

Ion Ratio Lower Upper

75 100

53 107.8 83.4 125.2

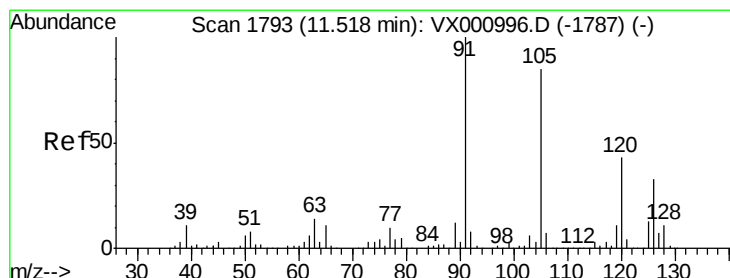
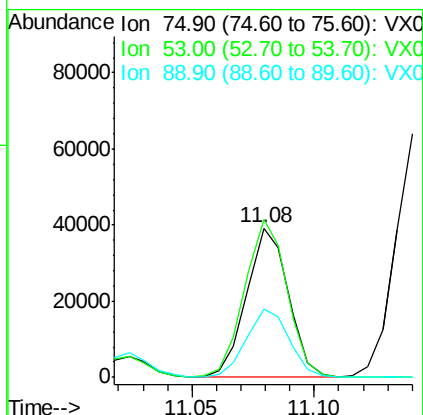
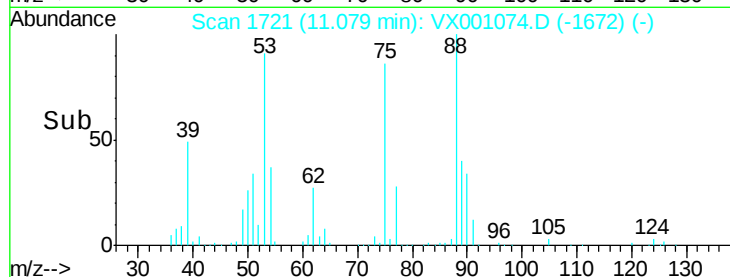
89 47.6 39.7 59.5



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: 46.94 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001074.D

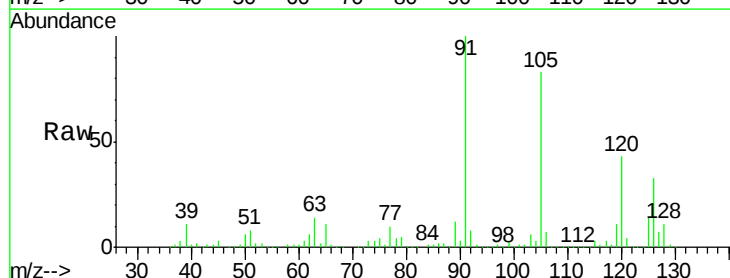
Acq: 23 Apr 2018 21:51

Tgt Ion: 91 Resp: 496151

Ion Ratio Lower Upper

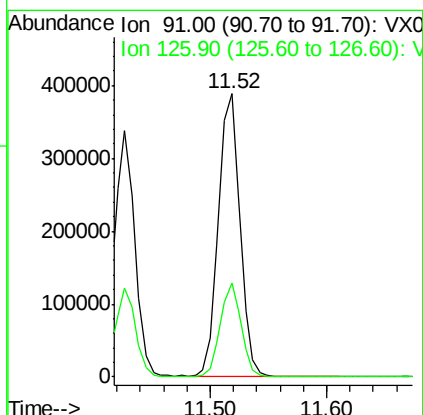
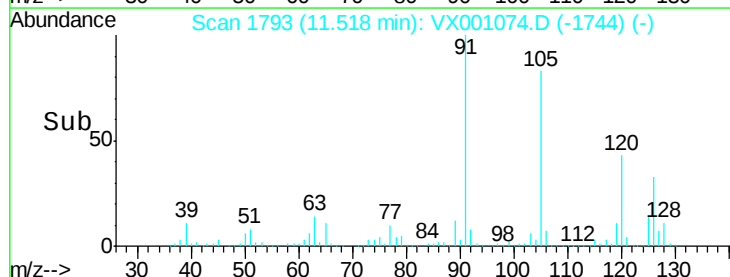
91 100

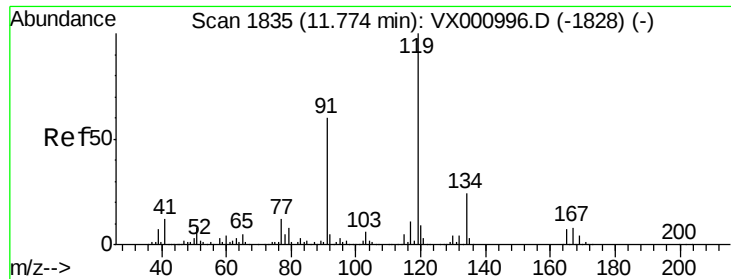
126 32.0 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

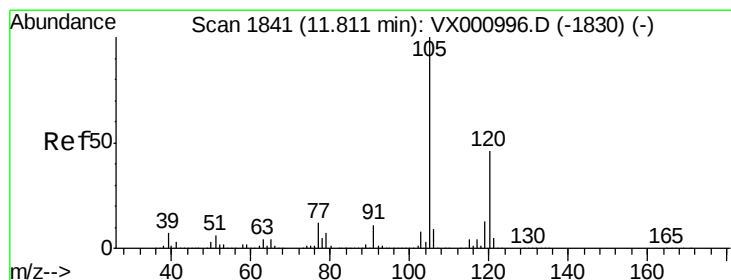
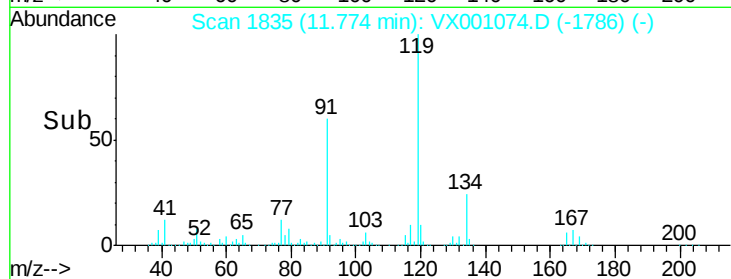
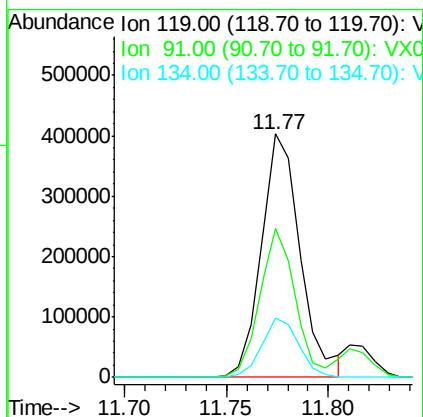
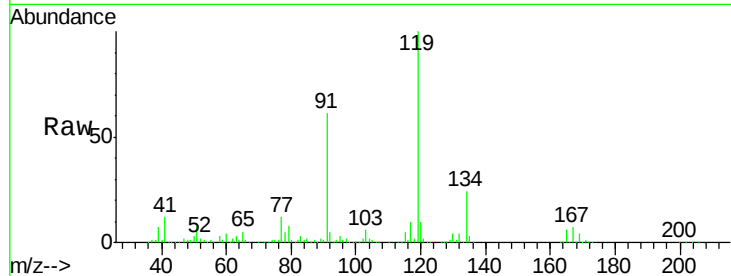




#83
 tert-Butylbenzene
 Concen: 48.49 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

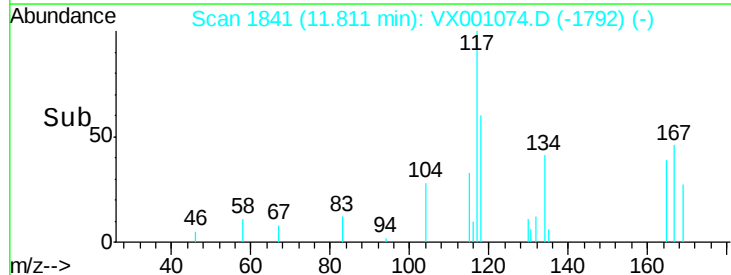
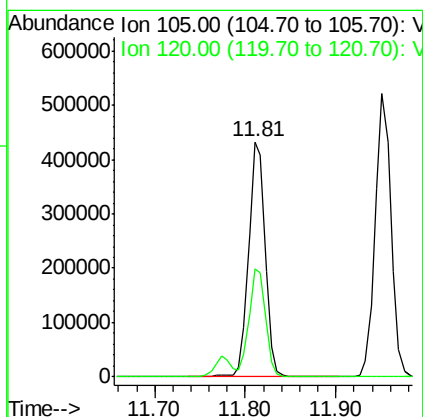
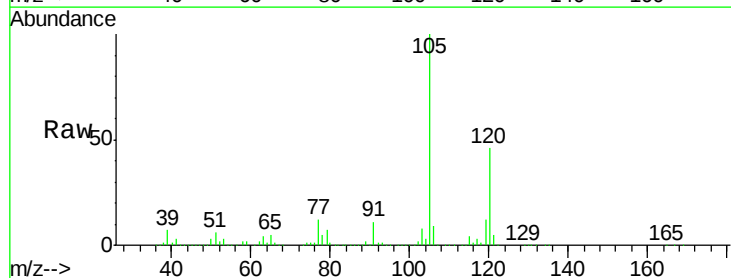
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

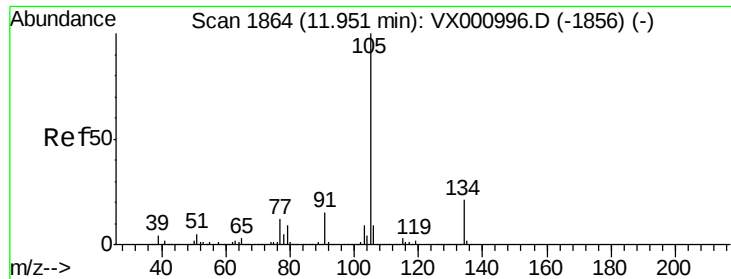
Tgt Ion:119 Resp: 534680
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.0 81.0
 134 23.2 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.41 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Tgt Ion:105 Resp: 544507
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0

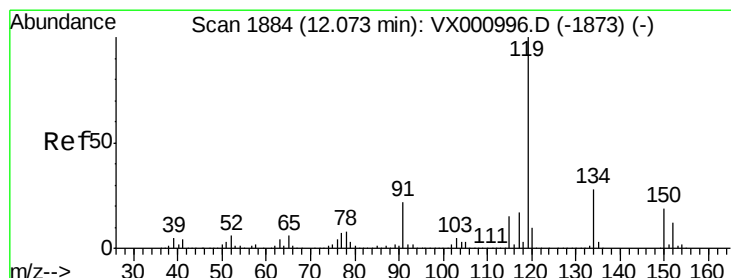
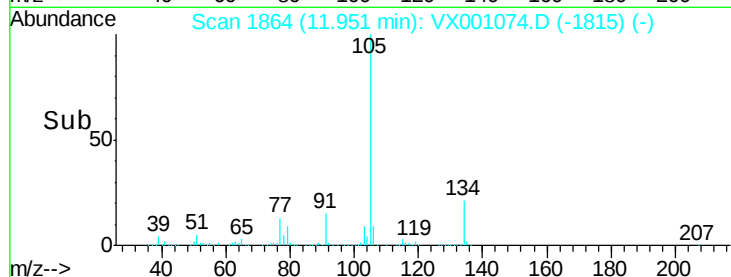
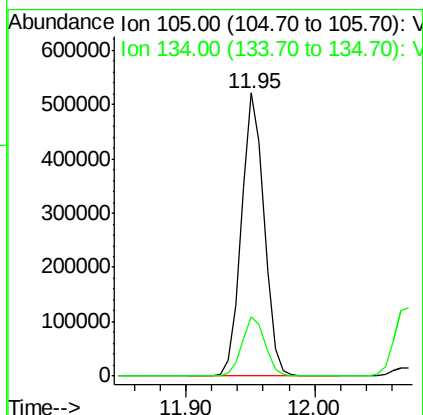
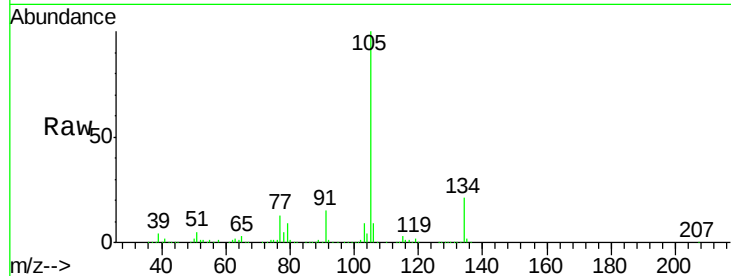




#85
 sec-Butylbenzene
 Concen: 47.85 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

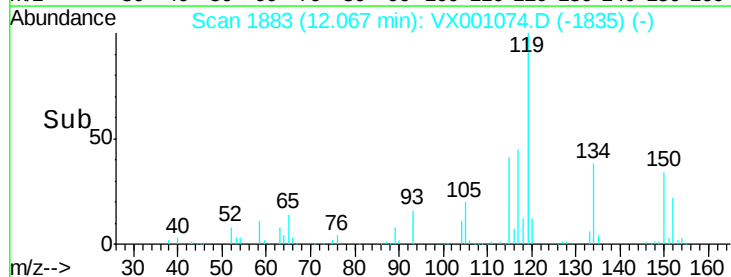
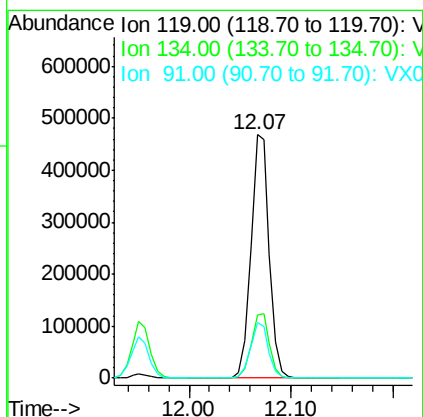
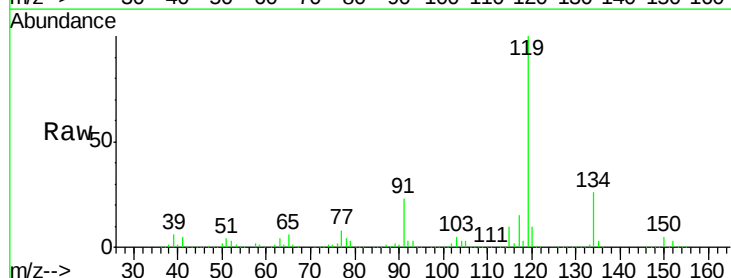
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

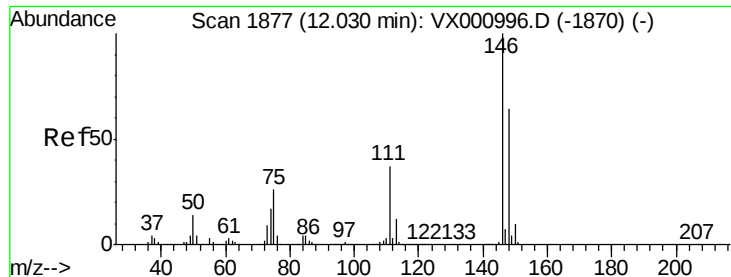
Tgt Ion:105 Resp: 629830
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 48.01 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Tgt Ion:119 Resp: 584488
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.5
 91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 45.81 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

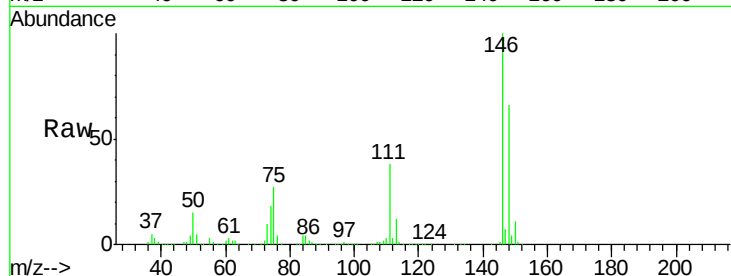
Tgt Ion:146 Resp: 320990

Ion Ratio Lower Upper

146 100

111 37.1 18.3 54.8

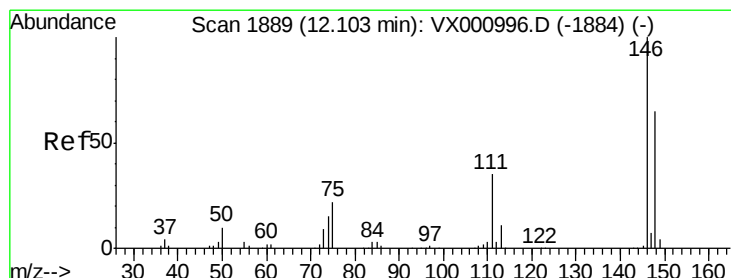
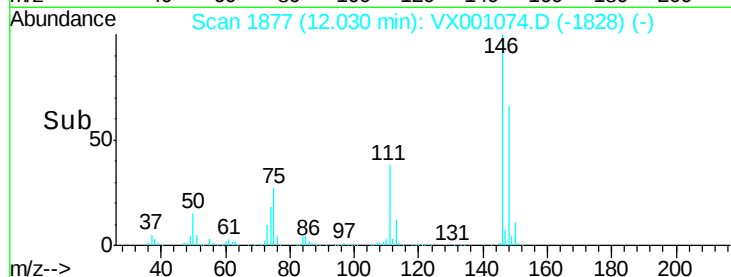
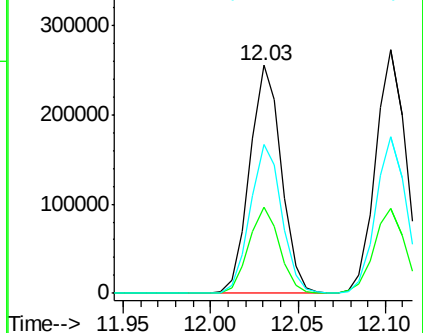
148 65.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.80 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

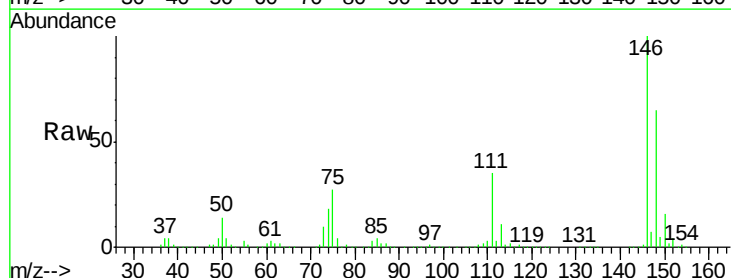
Tgt Ion:146 Resp: 329376

Ion Ratio Lower Upper

146 100

111 35.7 18.0 54.0

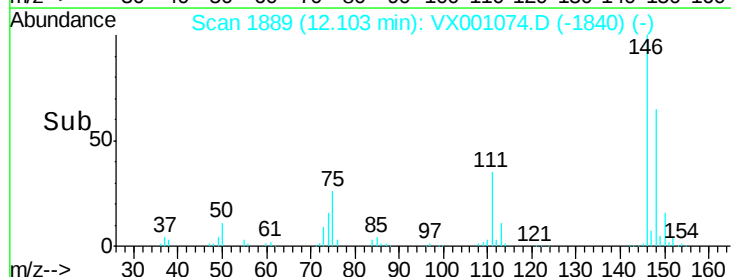
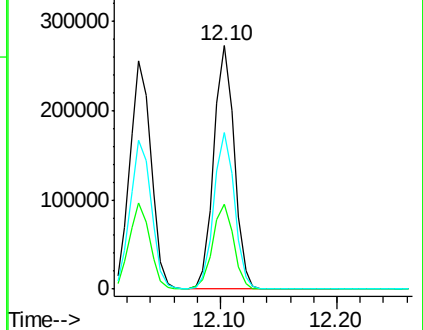
148 64.6 32.4 97.0

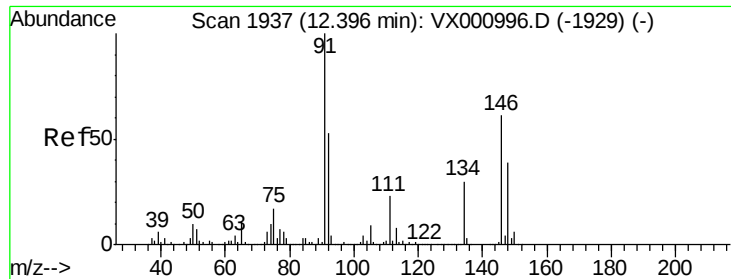


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 45.80 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001074.D

Acq: 23 Apr 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

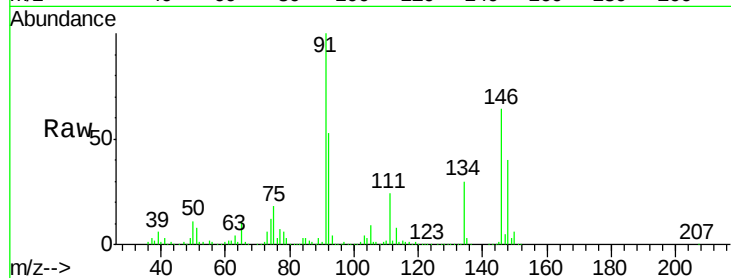
Tgt Ion: 91 Resp: 496155

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.9

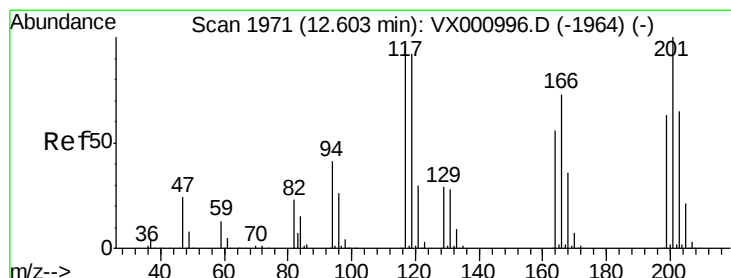
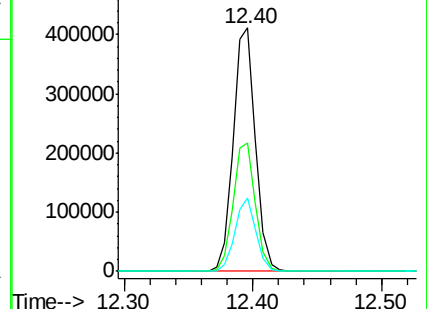
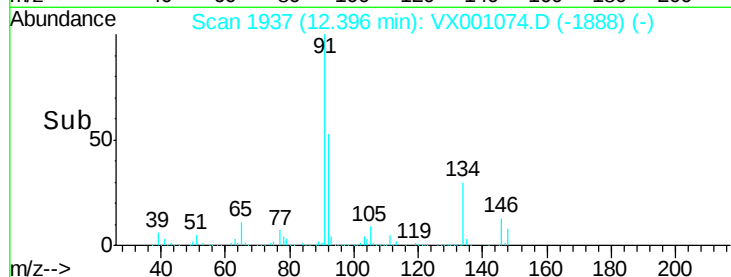
134 28.5 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000996.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000996.D (-1929) (-)



#90

Hexachloroethane

Concen: 51.38 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001074.D

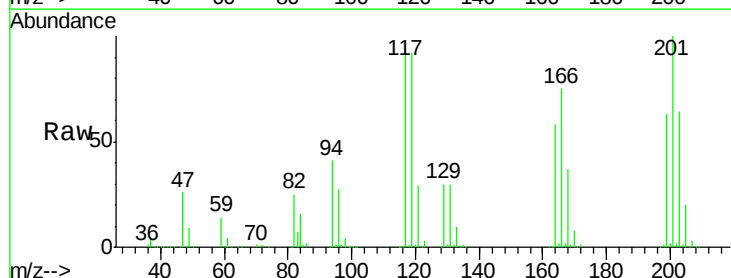
Acq: 23 Apr 2018 21:51

Tgt Ion: 117 Resp: 88641

Ion Ratio Lower Upper

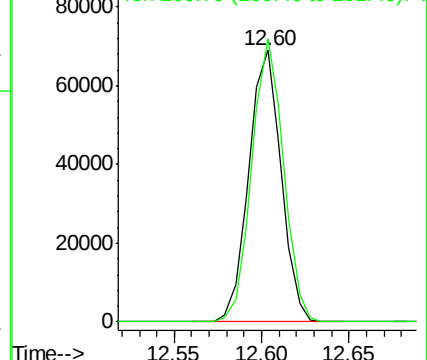
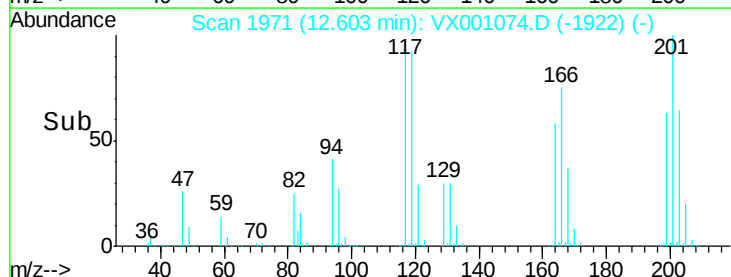
117 100

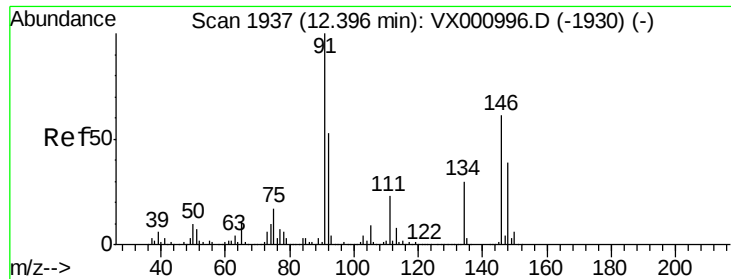
201 102.1 52.3 157.1



Abundance Ion 116.80 (116.50 to 117.50): VX000996.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000996.D (-1964) (-)

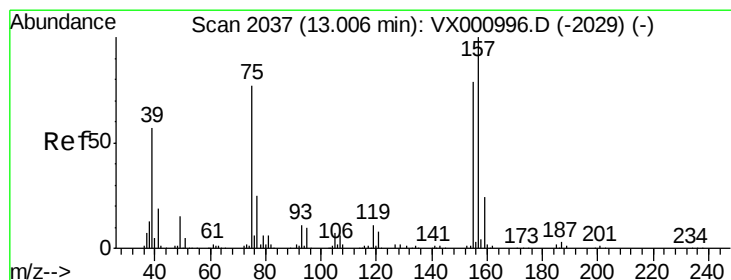
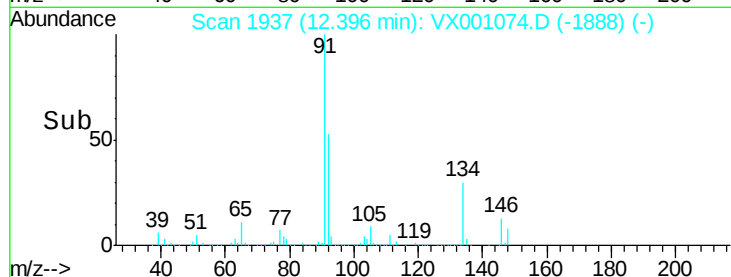
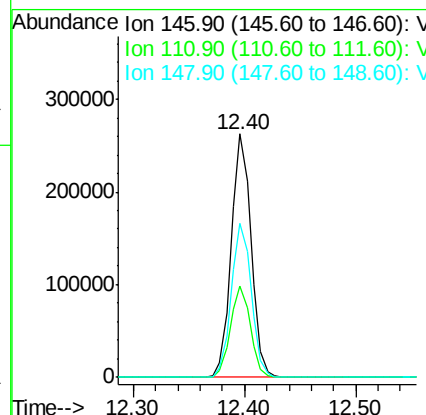
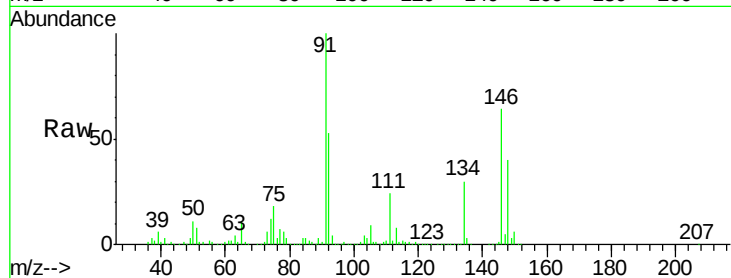




#91
 1,2-Dichlorobenzene
 Concen: 47.68 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

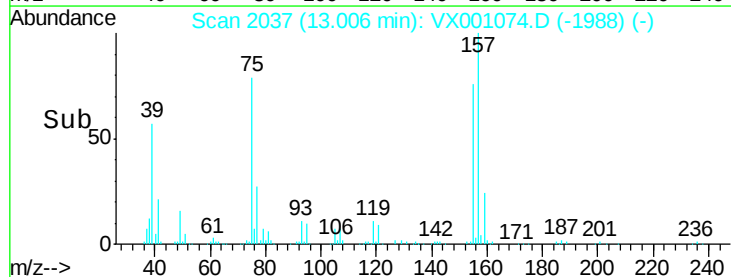
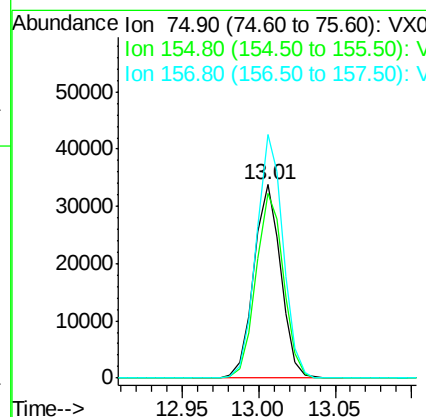
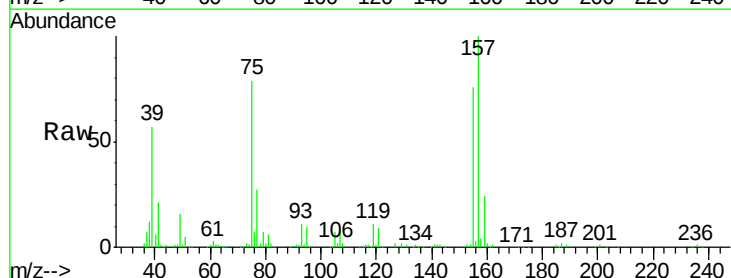
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

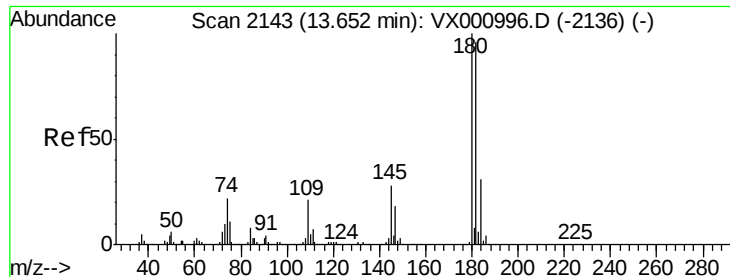
Tgt Ion:146 Resp: 323457
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 56.0
 148 63.9 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.11 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Tgt Ion: 75 Resp: 41380
 Ion Ratio Lower Upper
 75 100
 155 97.3 51.0 153.0
 157 125.3 64.9 194.7

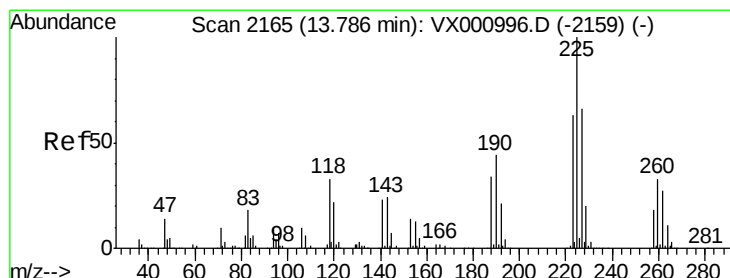
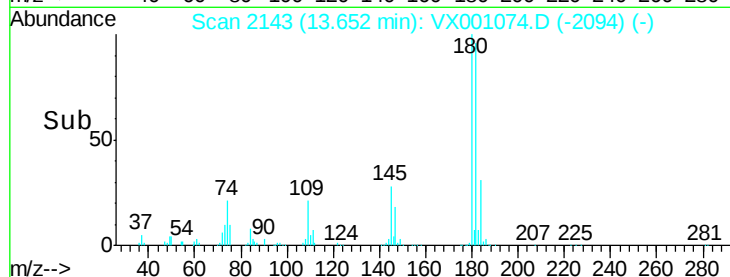
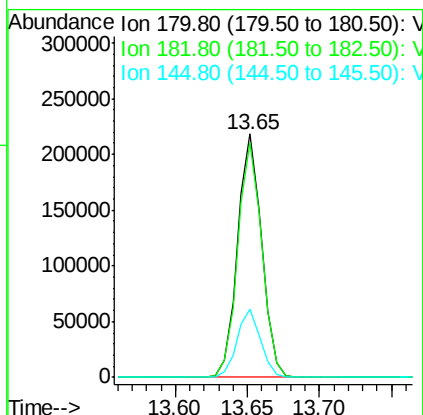
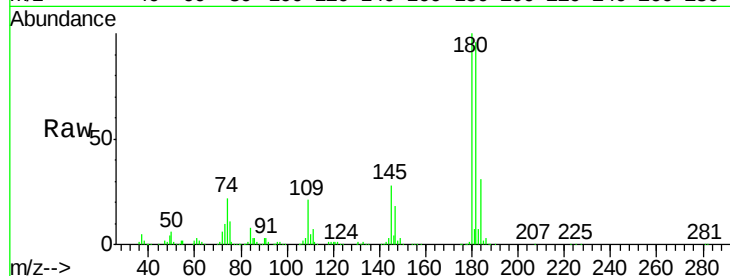




#93
 1,2,4-Trichlorobenzene
 Concen: 44.56 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

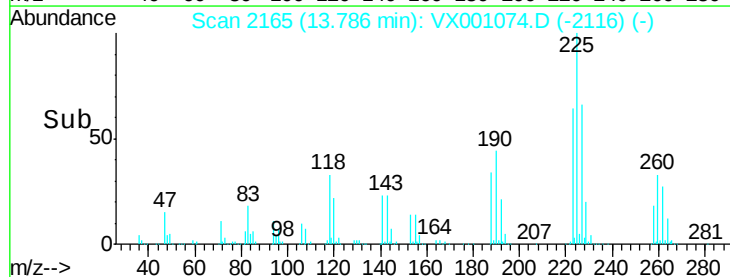
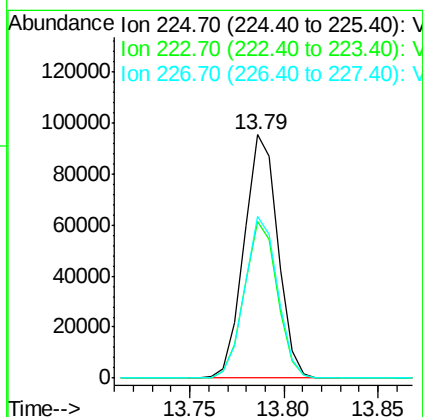
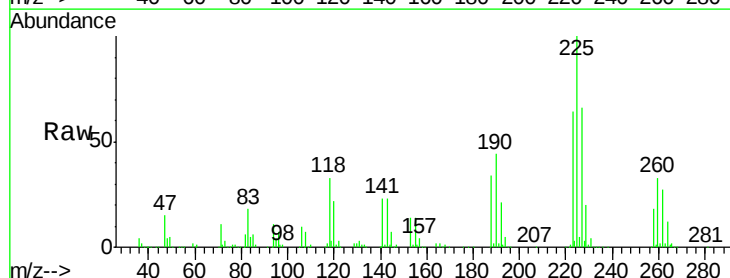
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

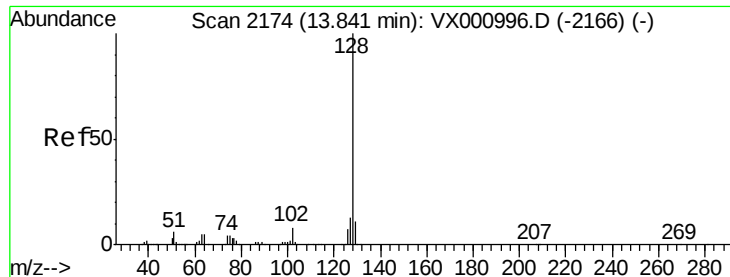
Tgt Ion:180 Resp: 253758
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.0 144.0
 145 27.5 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 45.96 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001074.D
 Acq: 23 Apr 2018 21:51

Tgt Ion:225 Resp: 118415
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.5 94.5
 227 64.8 32.6 97.8

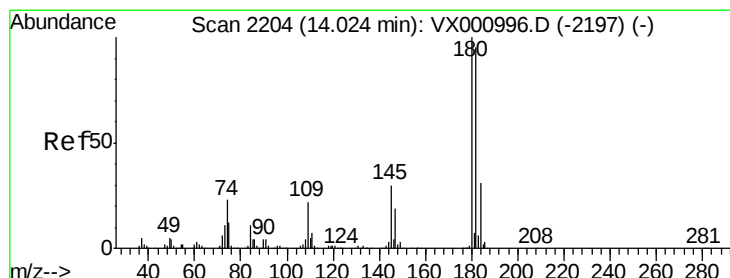
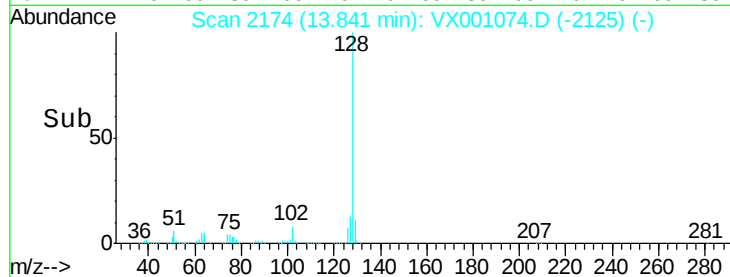
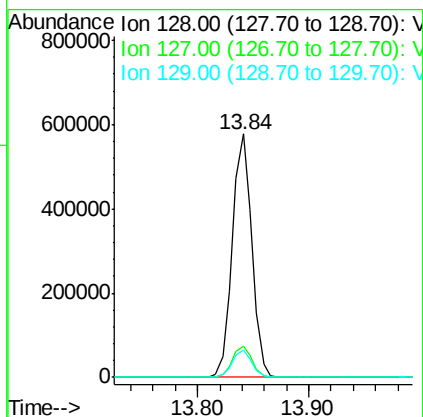
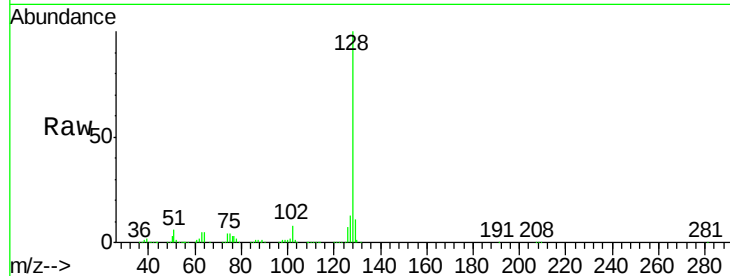




#95
Naphthalene
Concen: 49.71 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.97 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001074.D
Acq: 23 Apr 2018 21:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.7
145	29.5	14.5	43.6

