

Data File : VX001076.D

Acq On : 24 Apr 2018 11:43

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 25 07:16:23 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	265393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161437	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.51	113	131969	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.72	98	459411	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
62) 4-Bromofluorobenzene	11.14	95	195328	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	164433	49.96	ug/l	99
3) Chloromethane	1.32	50	138401	45.16	ug/l	99
4) Vinyl Chloride	1.40	62	141976	44.69	ug/l	100
5) Bromomethane	1.64	94	90933	49.72	ug/l	98
6) Chloroethane	1.73	64	86622	45.89	ug/l	100
7) Trichlorofluoromethane	1.93	101	229752	48.14	ug/l	100
8) Diethyl Ether	2.19	74	86461	49.05	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131951	47.19	ug/l	99
10) Methyl Iodide	2.51	142	122256	45.17	ug/l	99
11) Tert butyl alcohol	3.07	59	139418	274.79	ug/l	100
12) 1,1-Dichloroethene	2.38	96	117177	45.32	ug/l	99
13) Acrolein	2.29	56	68761	426.92	ug/l	98
14) Allyl chloride	2.73	41	222701	47.59	ug/l	98
15) Acrylonitrile	3.15	53	338455	246.49	ug/l	100
16) Acetone	2.45	43	361550	285.40	ug/l	99
17) Carbon Disulfide	2.57	76	305186	41.41	ug/l	100
18) Methyl Acetate	2.78	43	215935	56.33	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	440758	50.70	ug/l	99
20) Methylene Chloride	2.86	84	135903	50.93	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	128034	44.48	ug/l	97
22) Diisopropyl ether	3.87	45	441507	48.74	ug/l	98
23) Vinyl Acetate	3.83	43	1844300	245.92	ug/l	100
24) 1,1-Dichloroethane	3.70	63	236902	46.62	ug/l	99
25) 2-Butanone	4.71	43	514133	259.98	ug/l	99
26) 2,2-Dichloropropane	4.59	77	204100	46.69	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	149882	46.74	ug/l	100
28) Bromochloromethane	5.03	49	103719	53.08	ug/l	98
29) Tetrahydrofuran	5.17	42	313498	250.87	ug/l	99
30) Chloroform	5.22	83	256515	48.75	ug/l	97
31) Cyclohexane	5.58	56	211462	44.59	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	226328	47.97	ug/l	99
36) 1,1-Dichloropropene	5.81	75	186840	44.29	ug/l	100
37) Ethyl Acetate	4.87	43	193522	50.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	200662	46.97	ug/l	98

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ClientSampleId :
VSTDCCC050

Quant Time: Apr 25 07:16:23 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)
39) Methylcyclohexane	7.47	83	227227	46.27	ug/l	98
40) Benzene	6.15	78	548762	46.79	ug/l	100
41) Methacrylonitrile	5.07	41	116288	48.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	220865	49.06	ug/l	99
43) Isopropyl Acetate	6.47	43	333631	50.25	ug/l	99
44) Trichloroethene	7.22	130	163536	45.64	ug/l	98
45) 1,2-Dichloropropane	7.53	63	145151	49.22	ug/l	100
46) Dibromomethane	7.67	93	100648	48.84	ug/l	99
47) Bromodichloromethane	7.90	83	195415	51.19	ug/l	97
48) Methyl methacrylate	7.78	41	179174	50.12	ug/l	98
49) 1,4-Dioxane	7.76	88	58146	1106.08	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1045195	259.28	ug/l	100
52) Toluene	8.79	92	365119	47.70	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	232884	51.01	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	224889	52.24	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	152192	50.02	ug/l	99
56) Ethyl methacrylate	9.19	69	228185	51.06	ug/l	98
57) 1,3-Dichloropropane	9.38	76	247504	49.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	515463	236.34	ug/l	99
59) 2-Hexanone	9.50	43	817894	265.08	ug/l	98
60) Dibromochloromethane	9.59	129	167701	52.48	ug/l	99
61) 1,2-Dibromoethane	9.68	107	163334	50.87	ug/l	99
64) Tetrachloroethene	9.34	164	170460	46.62	ug/l	99
65) Chlorobenzene	10.14	112	433276	47.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	161467	51.31	ug/l	100
67) Ethyl Benzene	10.26	91	718633	47.20	ug/l	100
68) m/p-Xylenes	10.37	106	574195	95.69	ug/l	100
69) o-Xylene	10.70	106	275655	47.65	ug/l	98
70) Styrene	10.72	104	468249	49.15	ug/l	100
71) Bromoform	10.86	173	138550	47.44	ug/l #	99
73) Isopropylbenzene	11.02	105	752616	47.03	ug/l	100
74) N-amyl acetate	6.47	43	333631	48.73	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228626	50.46	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	263526	62.05	ug/l	87
77) Bromobenzene	11.26	156	219700	47.29	ug/l	99
78) n-propylbenzene	11.37	91	859450	46.78	ug/l	100
79) 2-Chlorotoluene	11.43	91	509441	46.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	651884	48.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61742	44.96	ug/l	98
82) 4-Chlorotoluene	11.52	91	612386	46.68	ug/l	99
83) tert-Butylbenzene	11.77	119	640589	46.81	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	670329	48.01	ug/l	99
85) sec-Butylbenzene	11.95	105	774752	47.43	ug/l	100
86) p-Isopropyltoluene	12.07	119	725194	47.99	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	397785	45.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	410952	46.04	ug/l	100
89) n-Butylbenzene	12.39	91	626623	46.61	ug/l	100
90) Hexachloroethane	12.60	117	108237	50.55	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	399758	47.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50632	53.35	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\
Quantitation Report (Not Reviewed)

Data File : VX001076.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 25 07:16:23 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

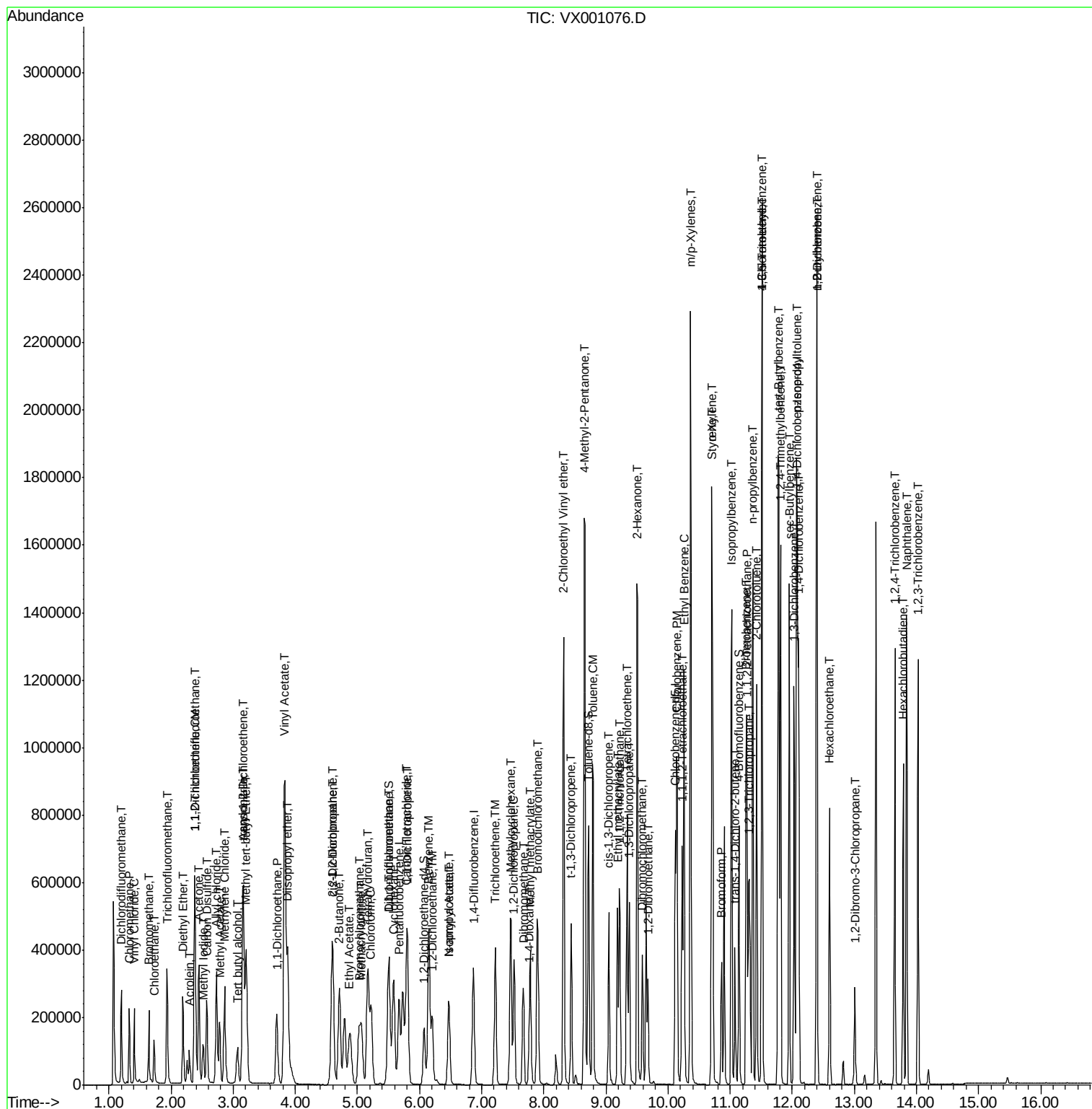
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	325835	46.10	ug/l	100
94) Hexachlorobutadiene	13.79	225	149718	46.82	ug/l	99
95) Naphthalene	13.84	128	867646	49.92	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	319888	46.80	ug/l	100

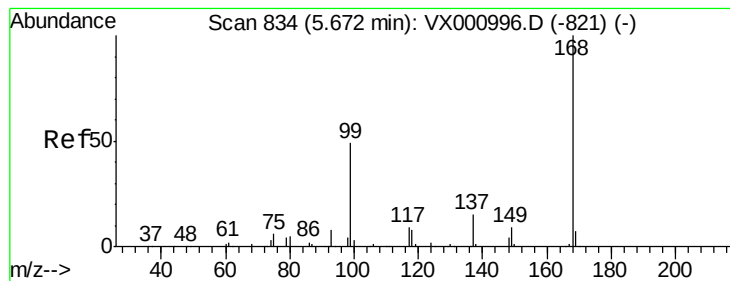
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 2      Sample Multiplier: 1
```

VSTDCCC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

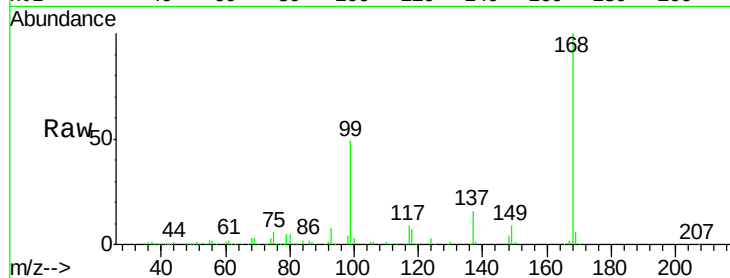
VSTDCCC050

Tgt Ion:168 Resp: 265393

Ion Ratio Lower Upper

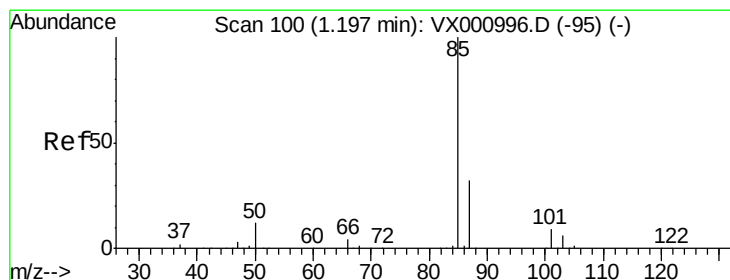
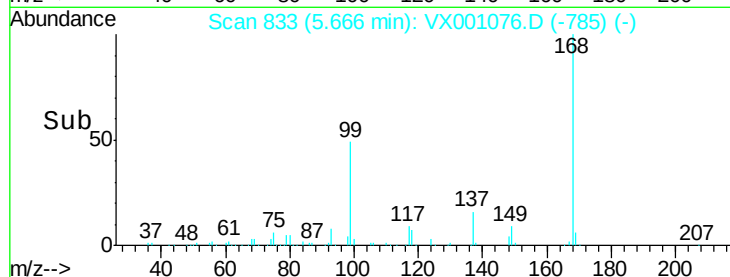
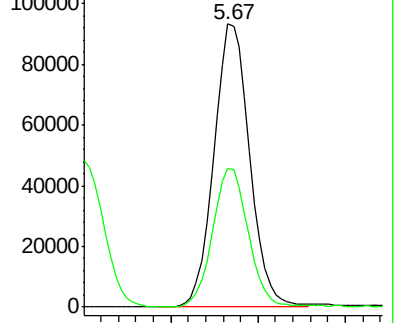
168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001076.D

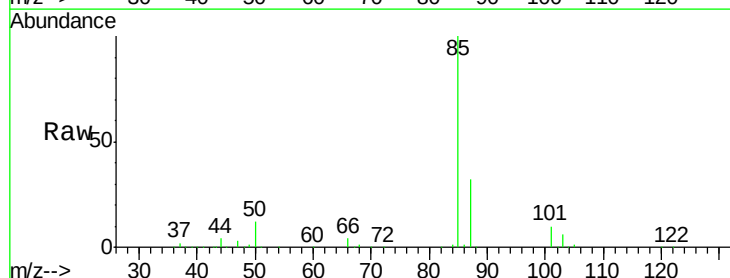
Acq: 24 Apr 2018 11:43

Tgt Ion: 85 Resp: 164433

Ion Ratio Lower Upper

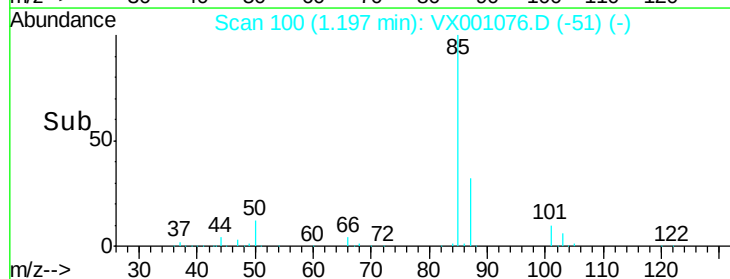
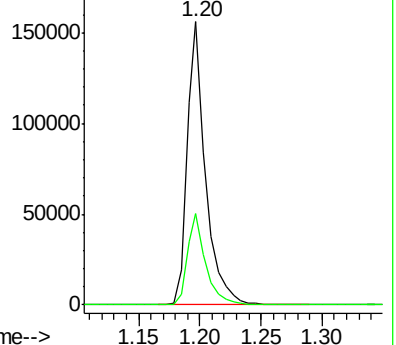
85 100

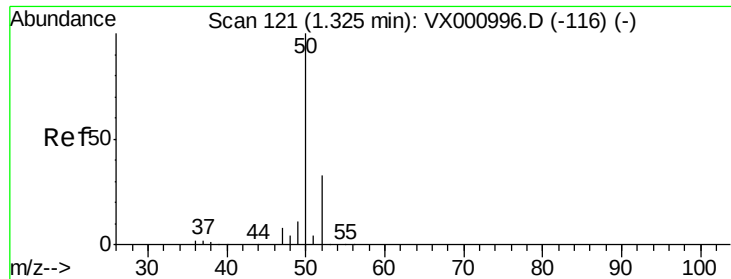
87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

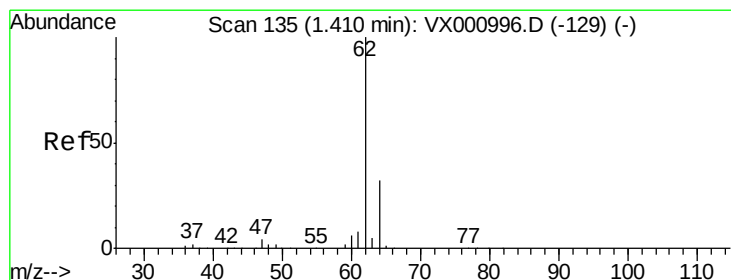
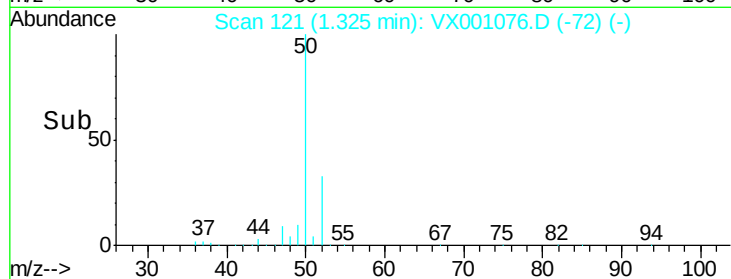
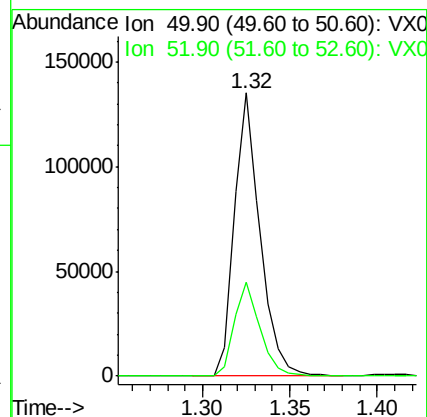
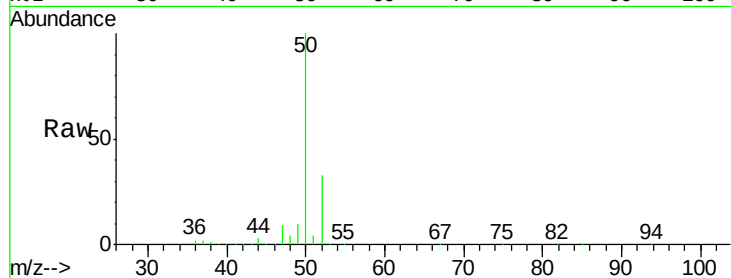
VSTDCCC050

Tgt Ion: 50 Resp: 138401

Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5



#4

Vinyl Chloride

Concen: 44.69 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001076.D

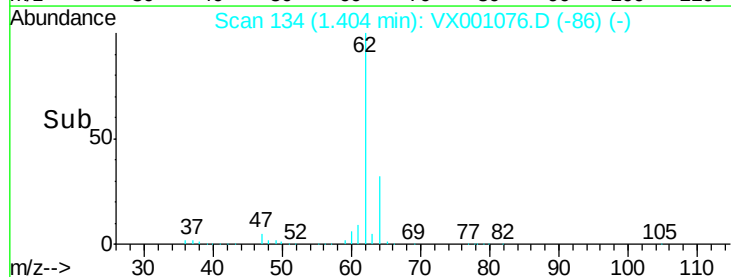
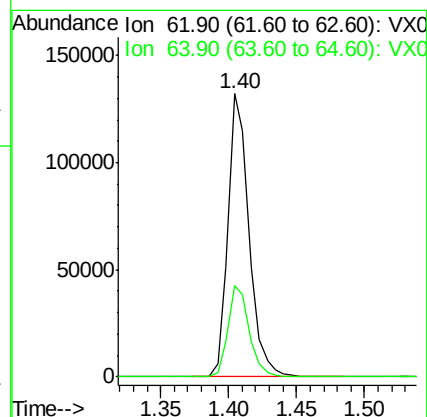
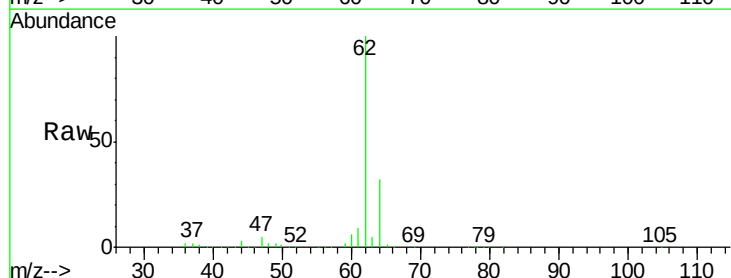
Acq: 24 Apr 2018 11:43

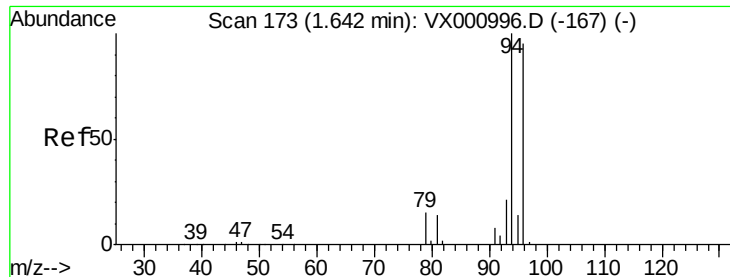
Tgt Ion: 62 Resp: 141976

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 49.72 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

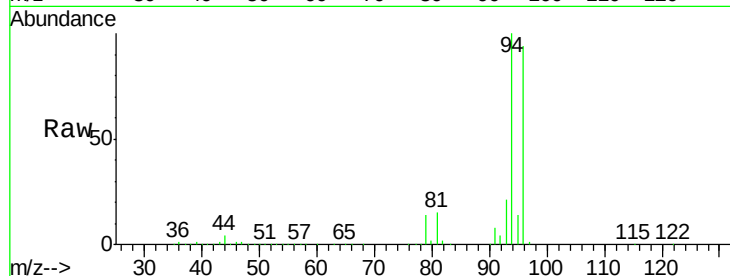
VSTDCCC050

Tgt Ion: 94 Resp: 90933

Ion Ratio Lower Upper

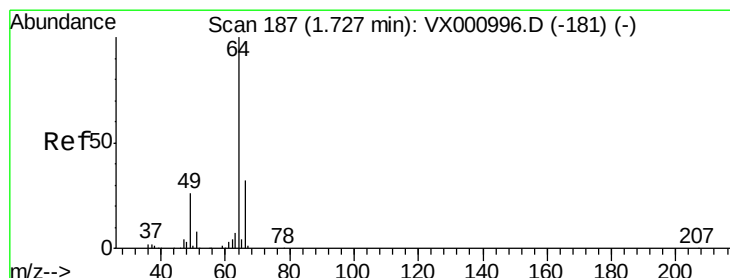
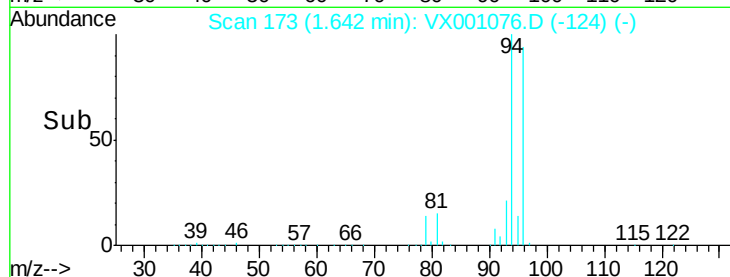
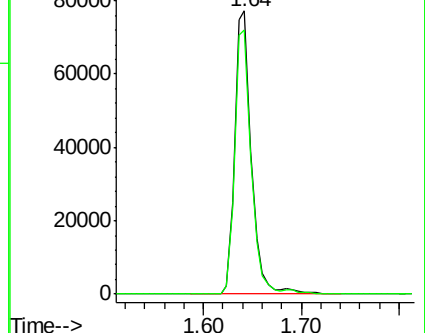
94 100

96 93.5 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: 45.89 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001076.D

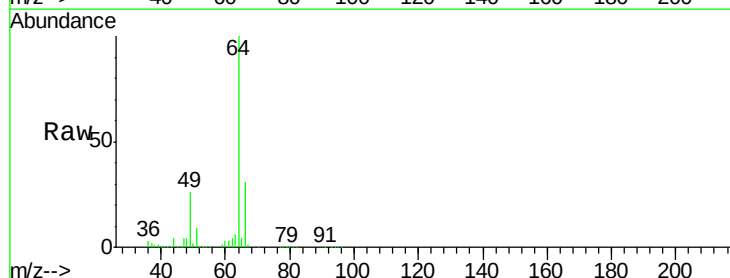
Acq: 24 Apr 2018 11:43

Tgt Ion: 64 Resp: 86622

Ion Ratio Lower Upper

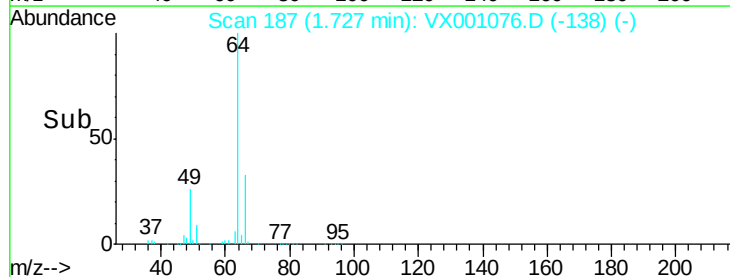
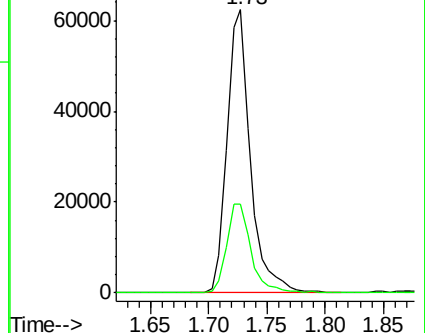
64 100

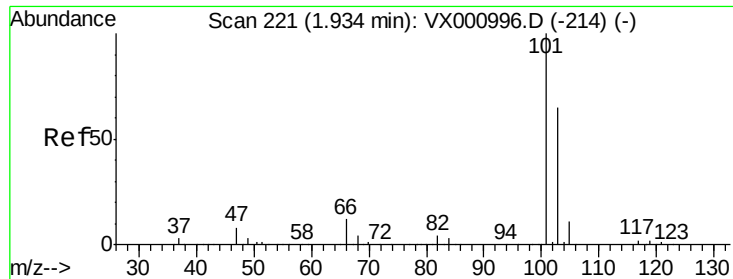
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



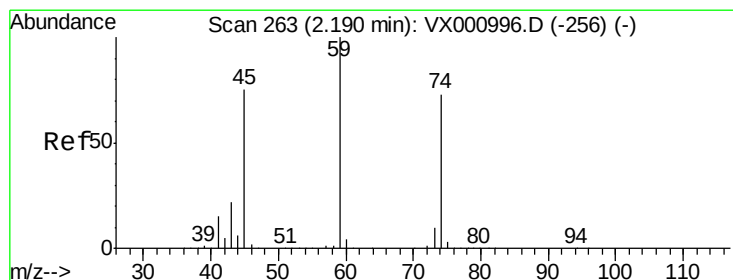
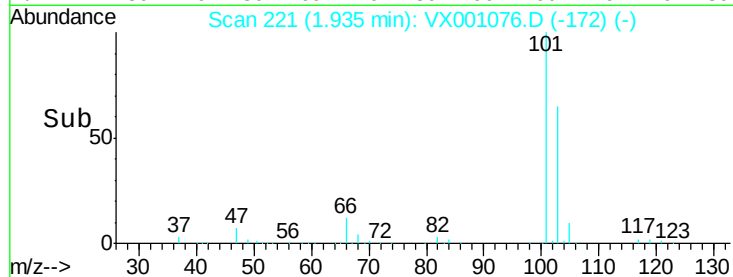
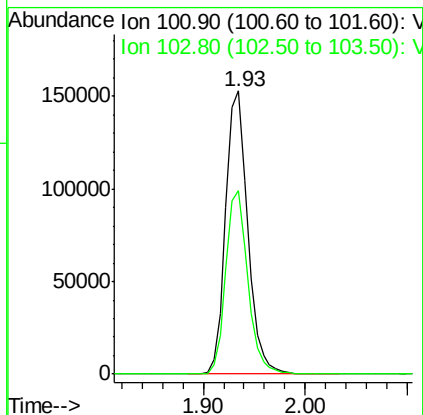
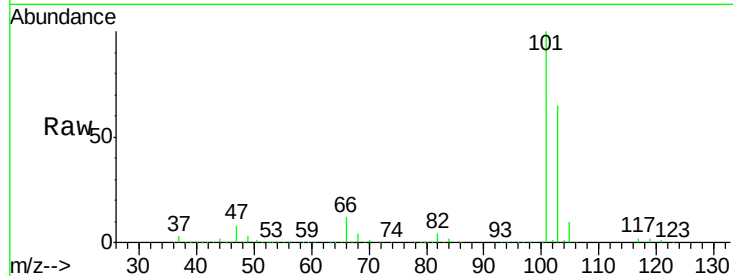


#7

Trichlorofluoromethane
Concen: 48.14 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

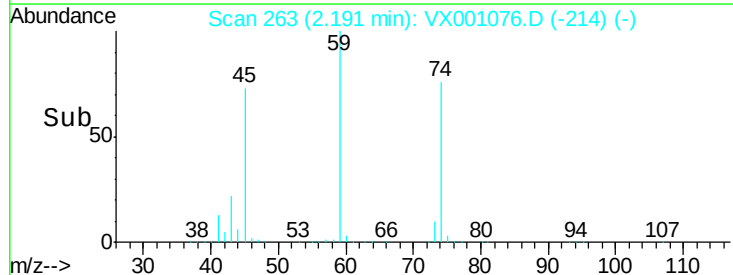
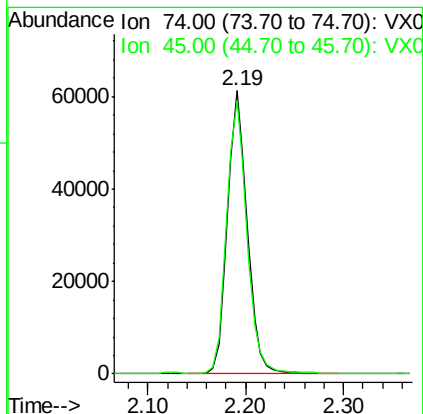
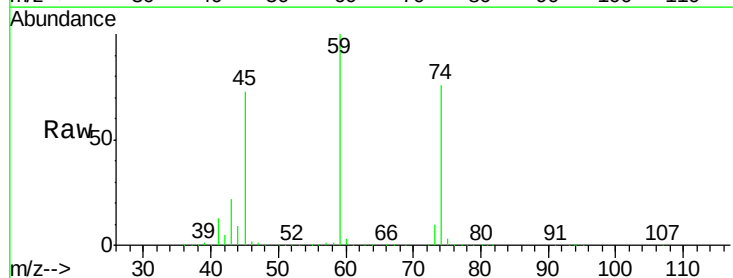
Tgt Ion: 101 Resp: 229752
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

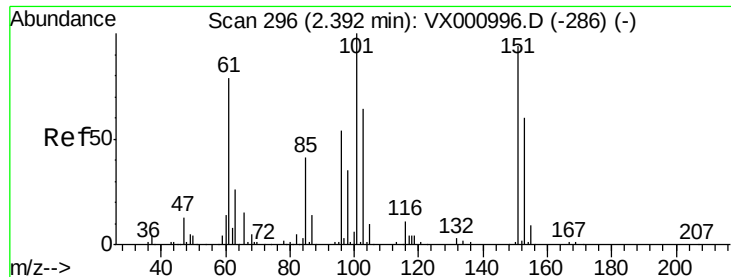


#8

Diethyl Ether
Concen: 49.05 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion: 74 Resp: 86461
Ion Ratio Lower Upper
74 100
45 98.0 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.19 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

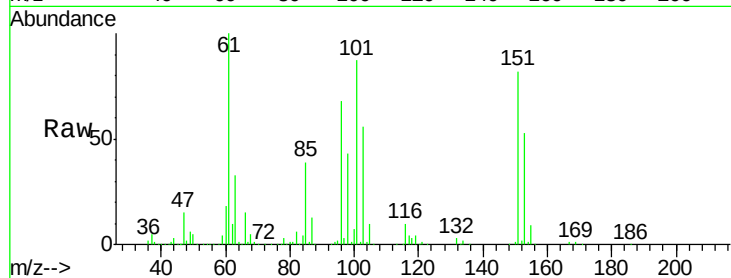
Tgt Ion:101 Resp: 131951

Ion Ratio Lower Upper

101 100

85 43.4 33.9 50.9

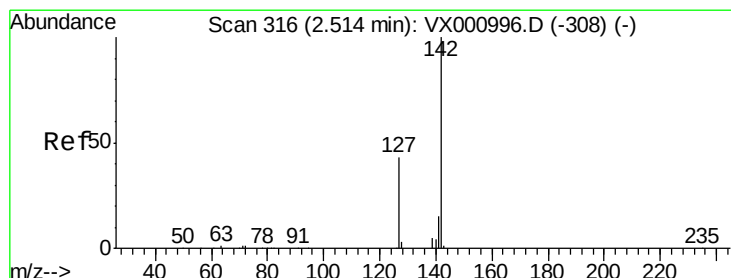
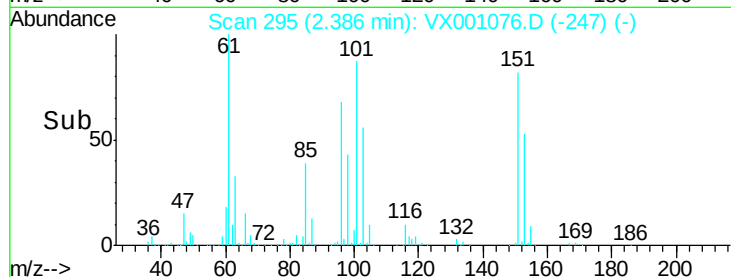
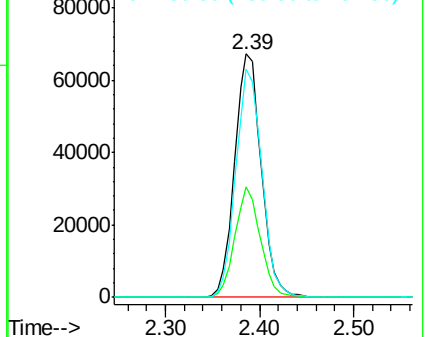
151 92.6 73.5 110.3



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: 45.17 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

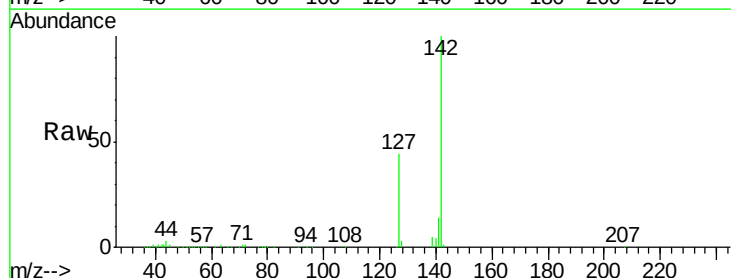
Tgt Ion:142 Resp: 122256

Ion Ratio Lower Upper

142 100

127 43.2 34.0 51.0

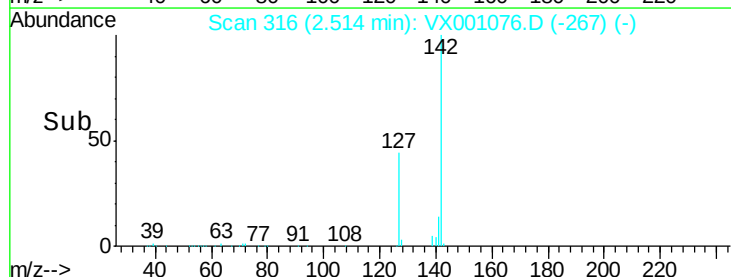
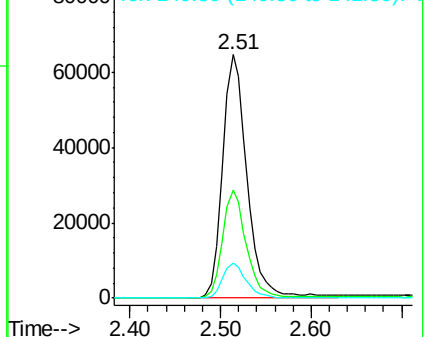
141 14.2 11.4 17.2

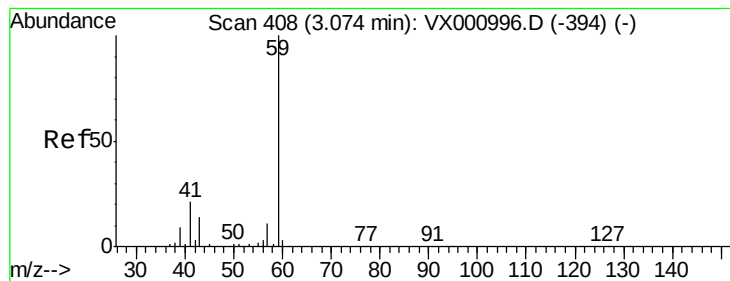


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



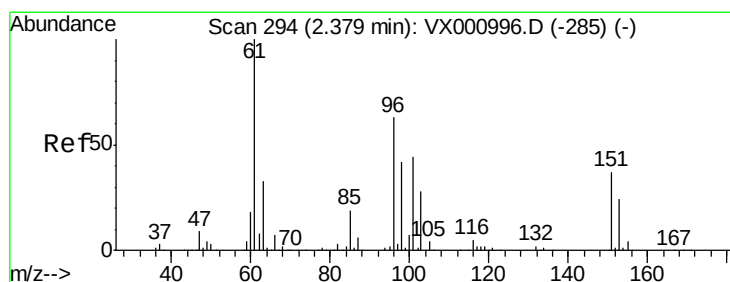
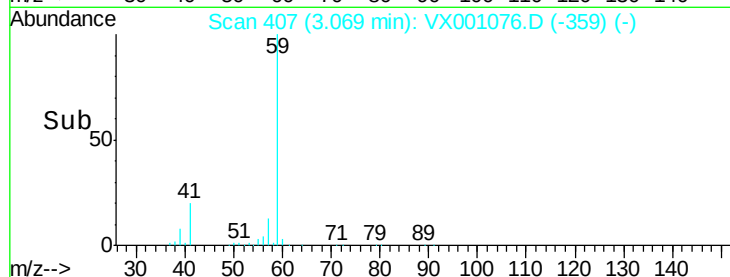
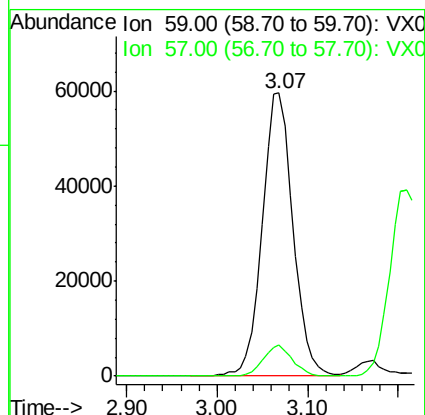
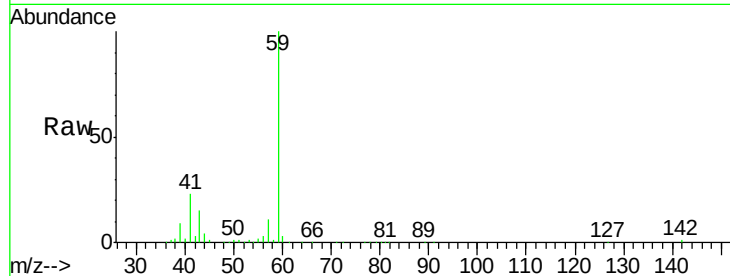


#11

Tert butyl alcohol
 Concen: 274.79 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

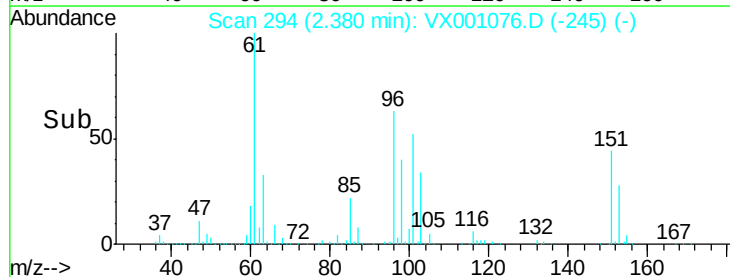
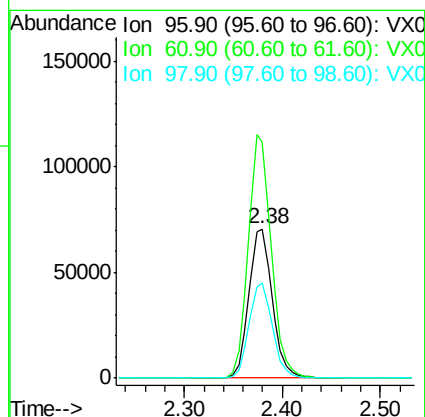
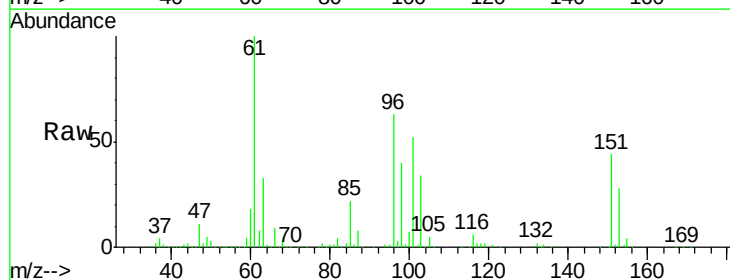
Tgt Ion: 59 Resp: 139418
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

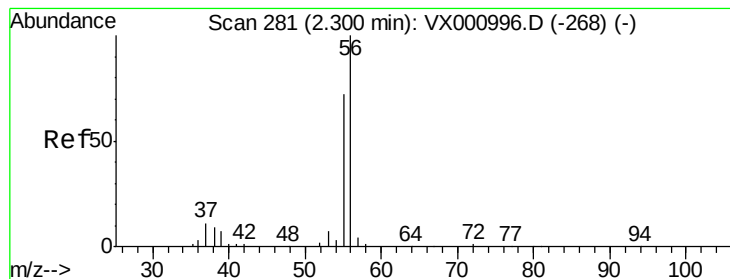


#12

1,1-Dichloroethene
 Concen: 45.32 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Tgt Ion: 96 Resp: 117177
 Ion Ratio Lower Upper
 96 100
 61 158.9 126.4 189.6
 98 63.8 52.6 78.8





#13

Acrolein

Concen: 426.92 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

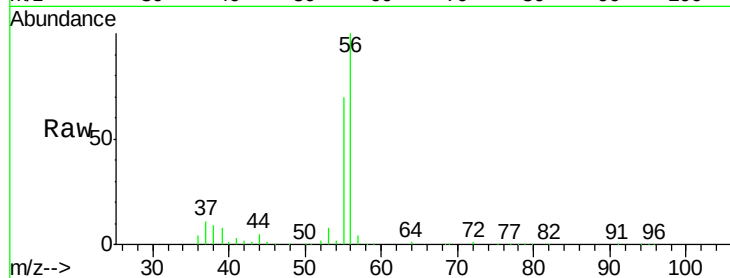
VSTDCCC050

Tgt Ion: 56 Resp: 68761

Ion Ratio Lower Upper

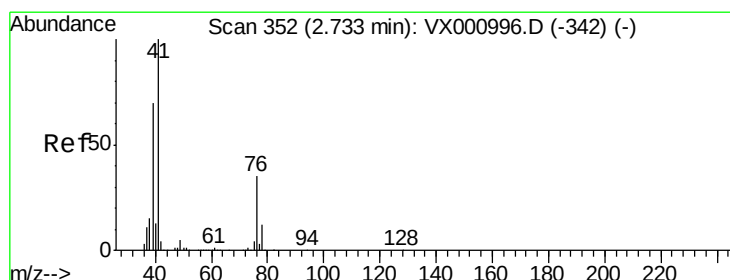
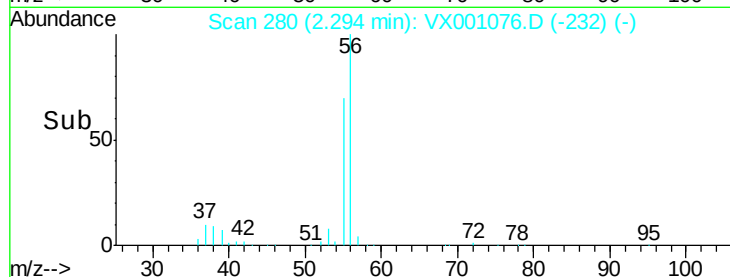
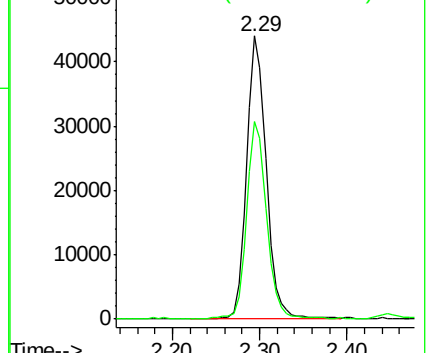
56 100

55 70.3 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.59 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

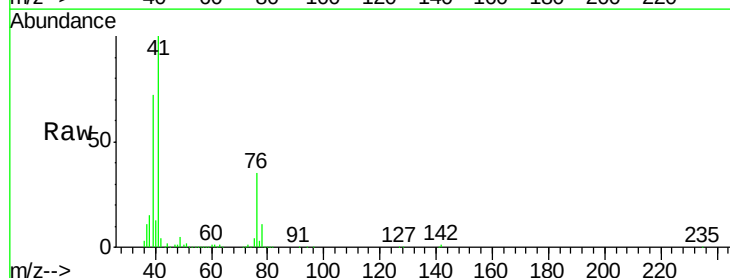
Tgt Ion: 41 Resp: 222701

Ion Ratio Lower Upper

41 100

39 68.6 53.0 79.6

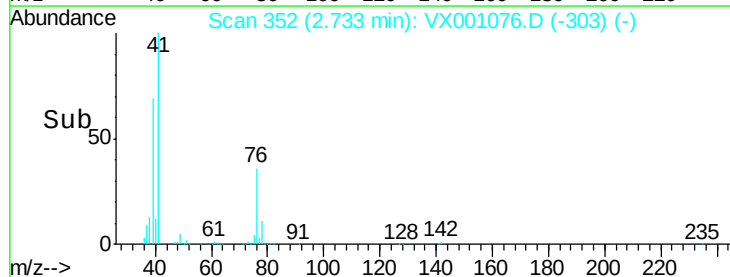
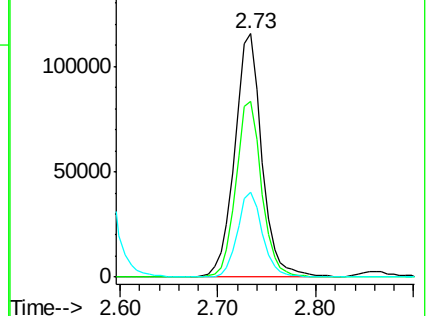
76 31.8 25.9 38.9

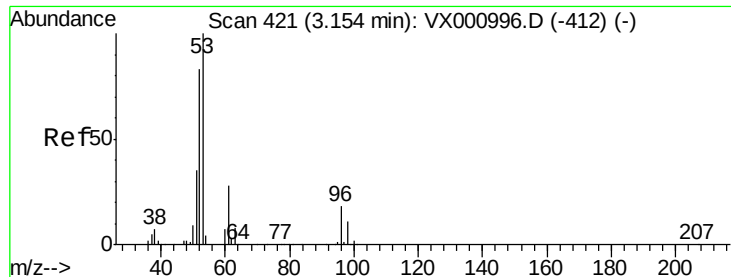


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 246.49 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

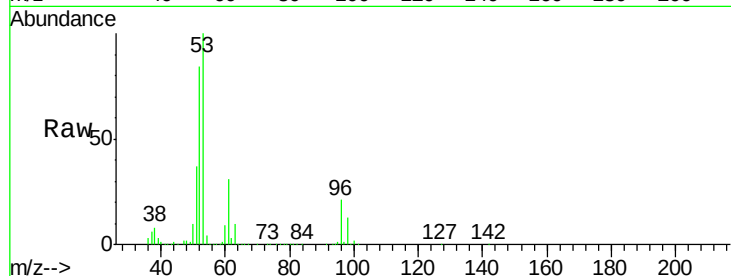
Tgt Ion: 53 Resp: 338455

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

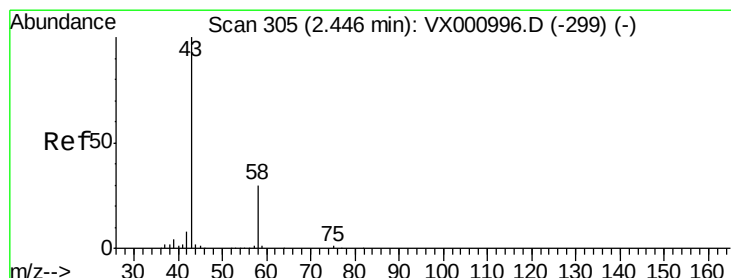
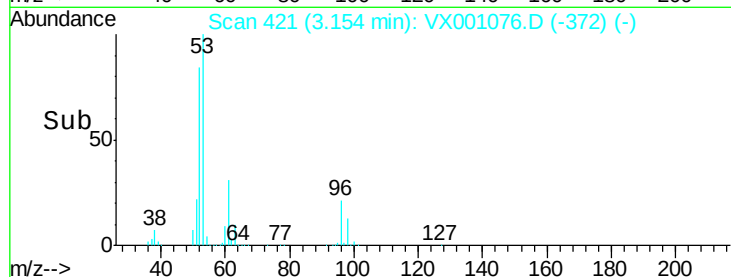
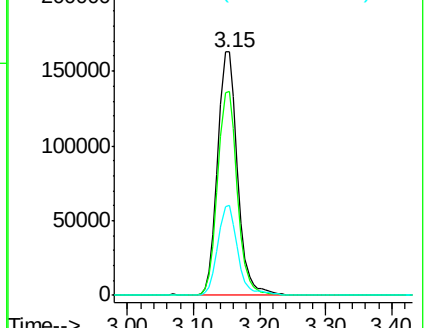
51 36.9 29.0 43.6



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: 285.40 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001076.D

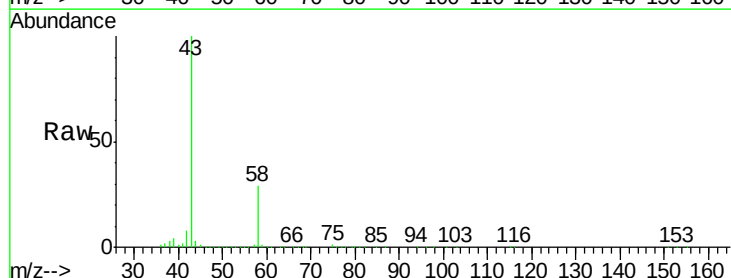
Acq: 24 Apr 2018 11:43

Tgt Ion: 43 Resp: 361550

Ion Ratio Lower Upper

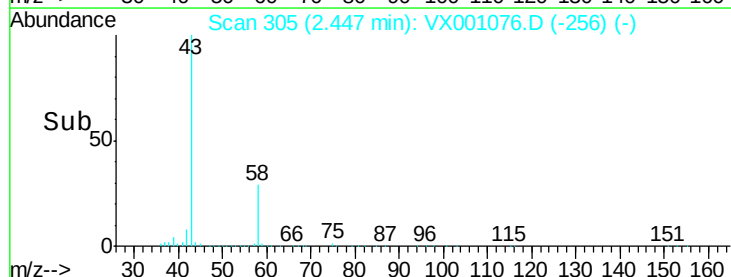
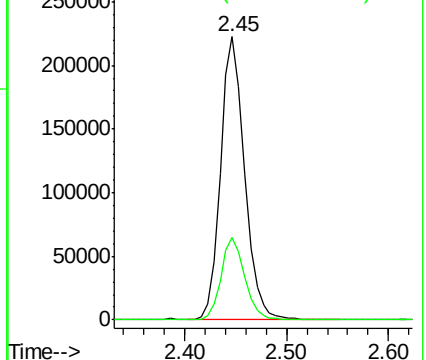
43 100

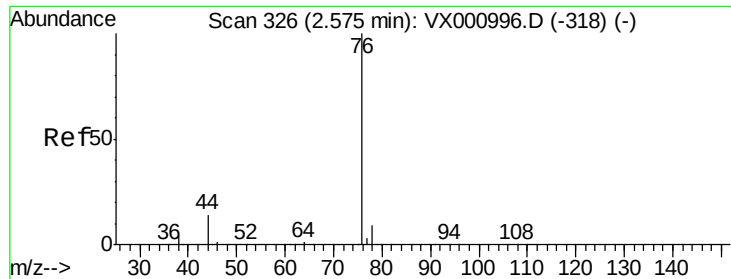
58 29.0 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

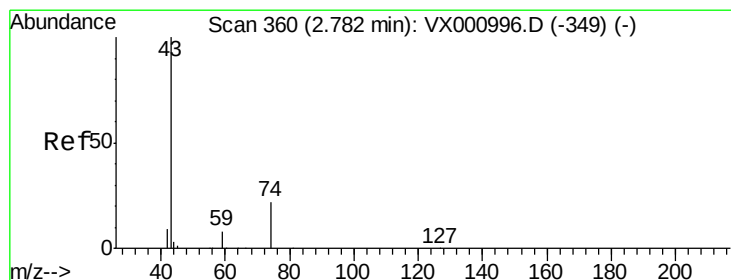
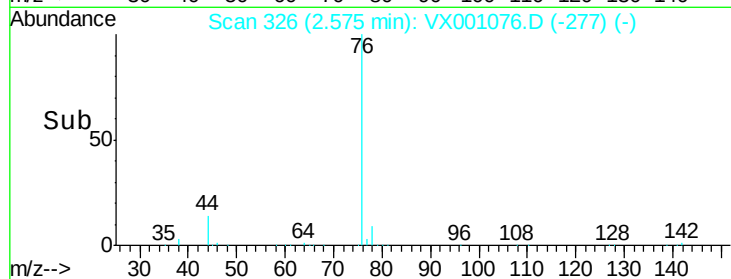
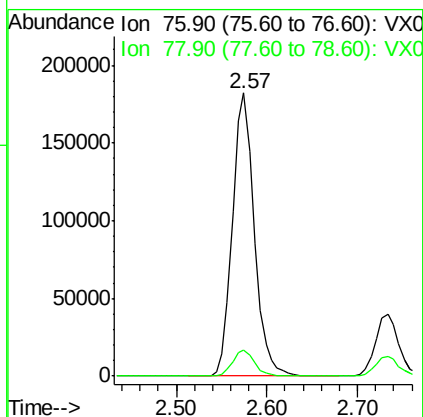
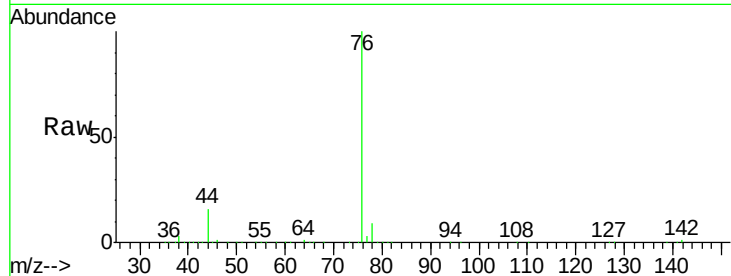




#17
Carbon Disulfide
Concen: 41.41 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

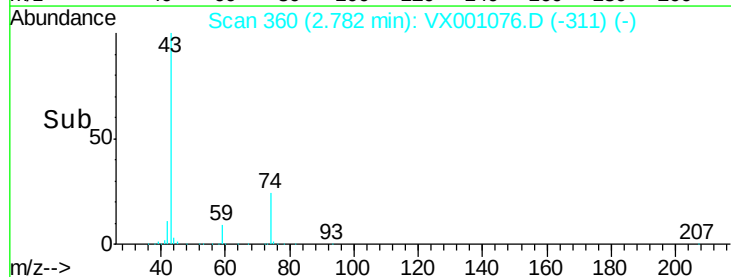
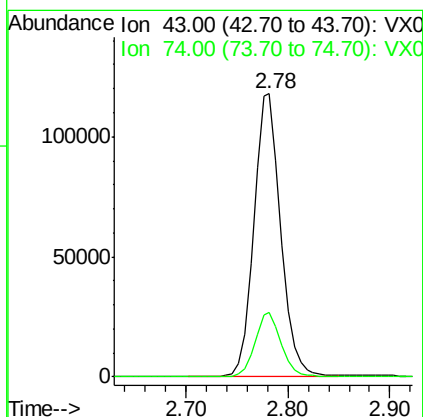
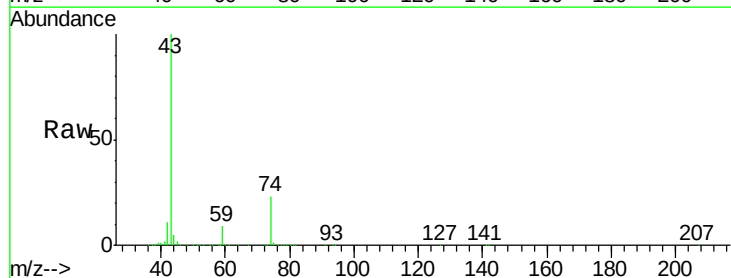
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

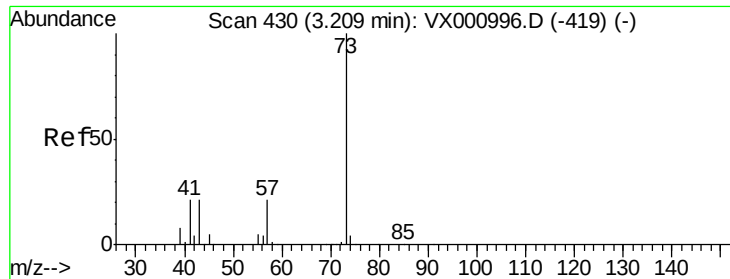
Tgt Ion: 76 Resp: 305186
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 56.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion: 43 Resp: 215935
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5

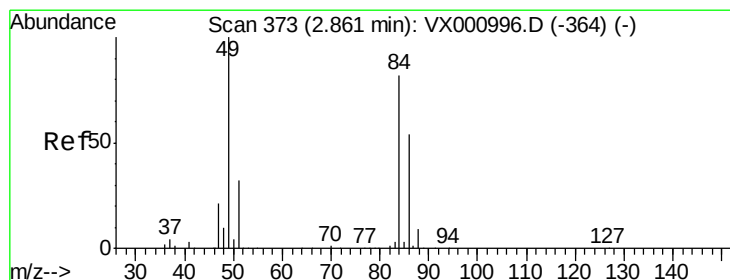
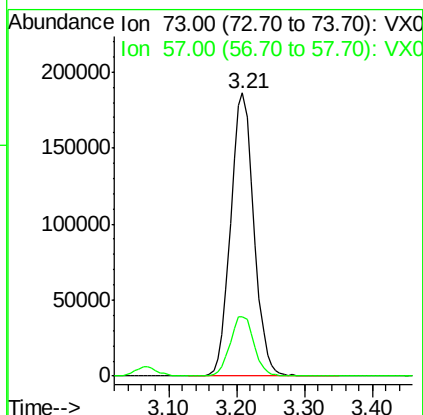
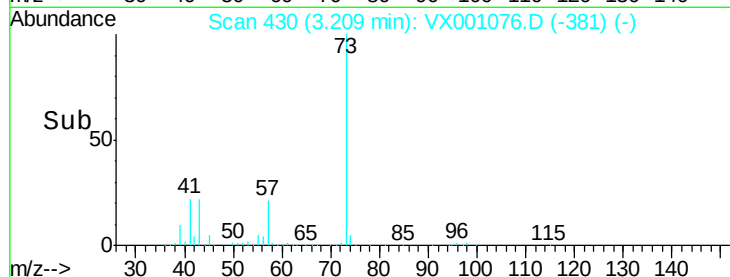
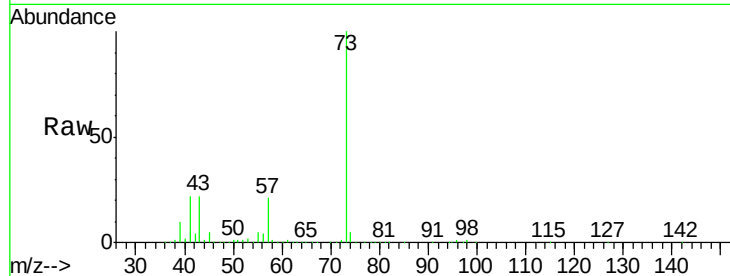




#19
Methyl tert-butyl Ether
Concen: 50.70 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

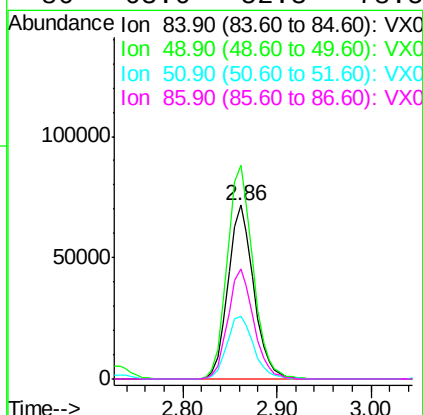
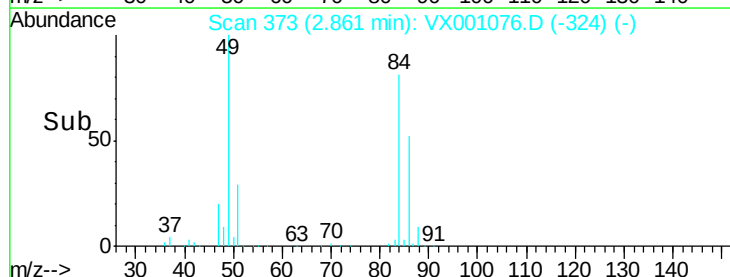
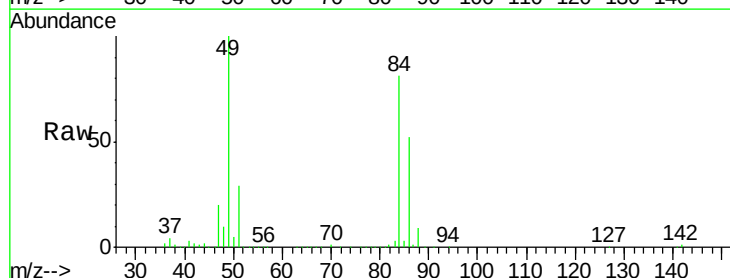
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

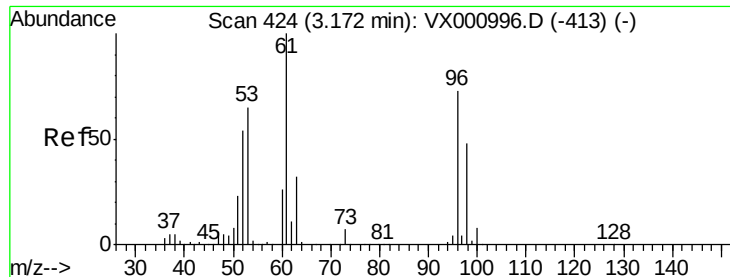
Tgt Ion: 73 Resp: 440758
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7



#20
Methylene Chloride
Concen: 50.93 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001076.D
Acq: 24 Apr 2018 11:43

Tgt Ion: 84 Resp: 135903
Ion Ratio Lower Upper
84 100
49 123.1 97.1 145.7
51 35.8 30.8 46.2
86 63.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 44.48 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

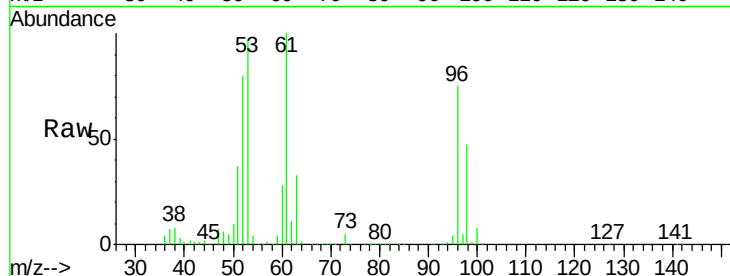
Tgt Ion: 96 Resp: 128034

Ion Ratio Lower Upper

96 100

61 133.2 109.4 164.2

98 62.4 52.6 78.8

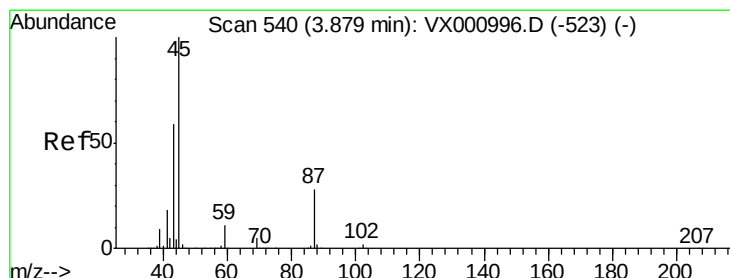
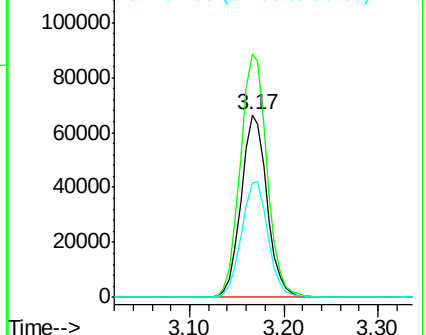
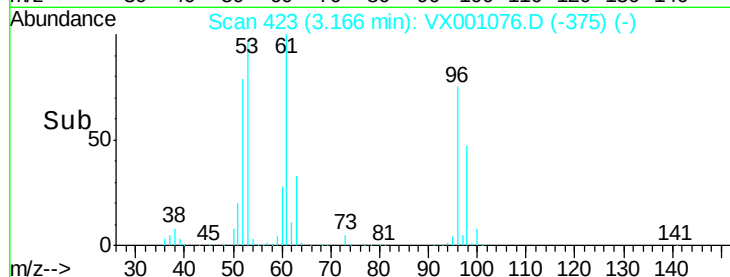


Abundance

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: 48.74 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Tgt Ion: 45 Resp: 441507

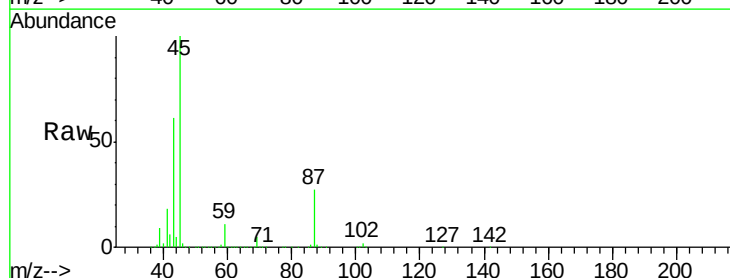
Ion Ratio Lower Upper

45 100

43 60.4 47.0 70.4

87 26.7 22.5 33.7

59 10.9 8.8 13.2



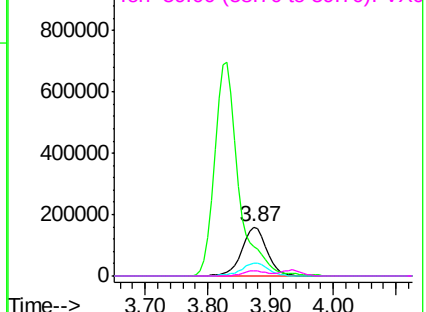
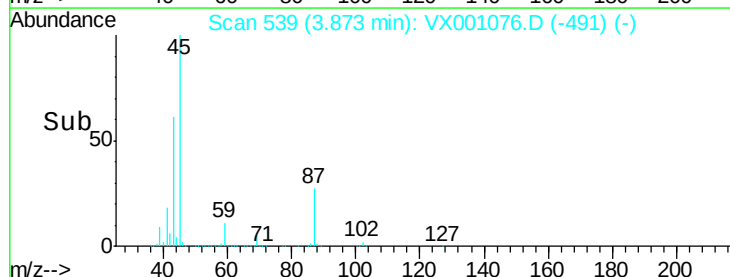
Abundance

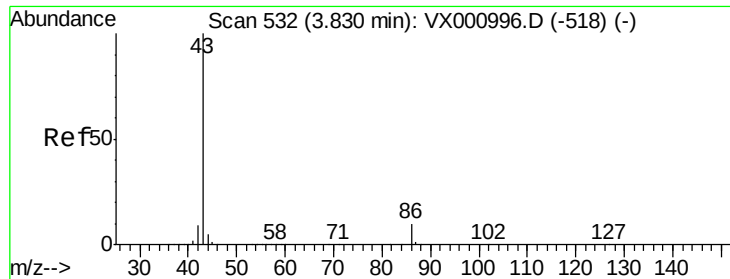
Ion 45.00 (44.70 to 45.70): VX0

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: 245.92 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

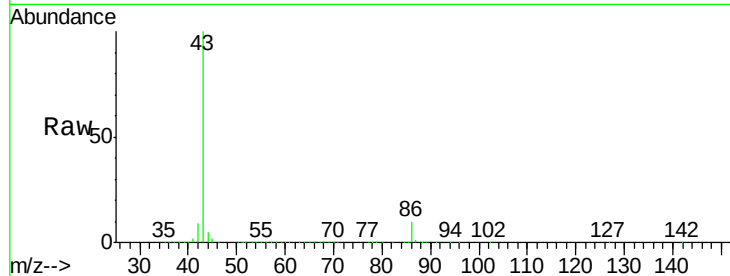
VSTDCCC050

Tgt Ion: 43 Resp: 1844300

Ion Ratio Lower Upper

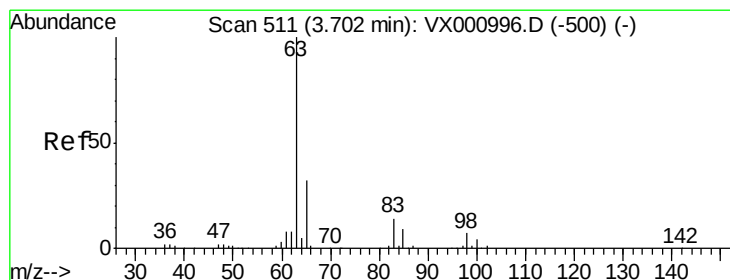
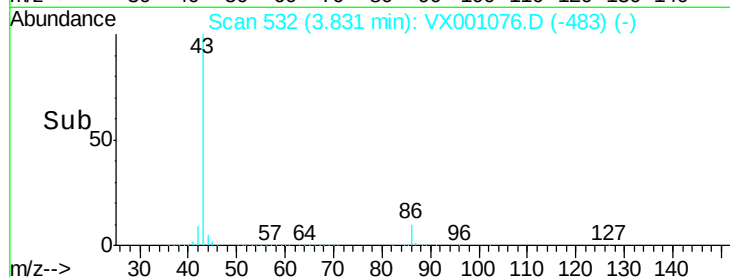
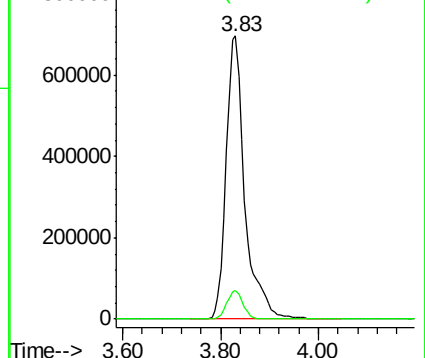
43 100

86 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.62 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

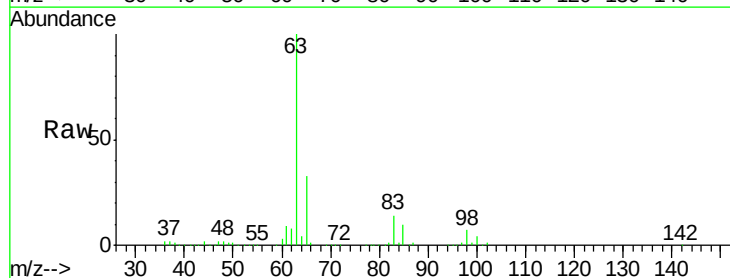
Tgt Ion: 63 Resp: 236902

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

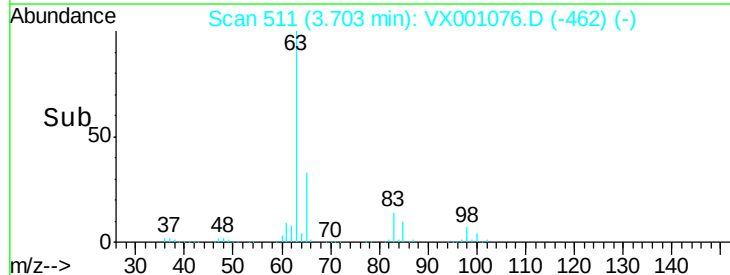
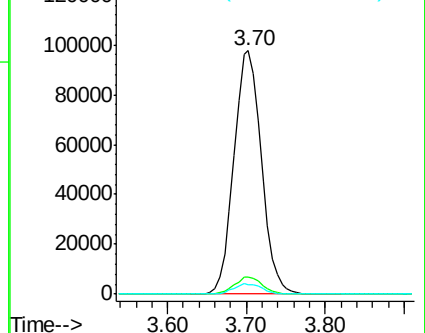
100 4.1 2.1 6.3

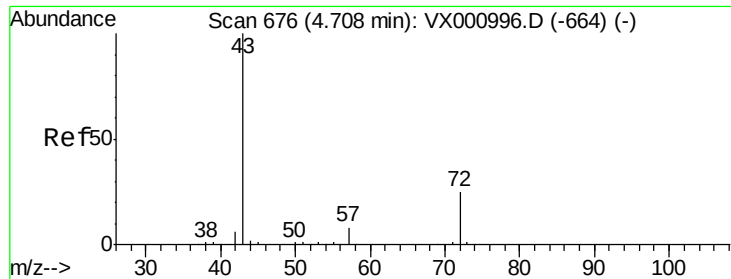


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.98 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

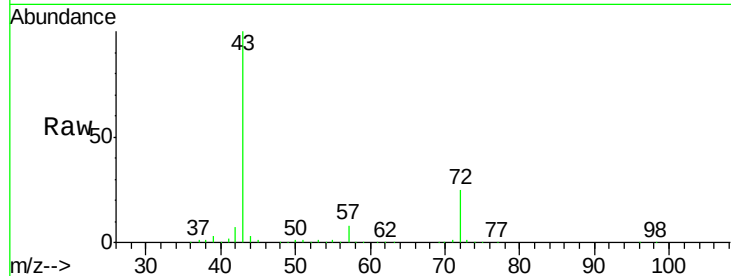
VSTDCCC050

Tgt Ion: 43 Resp: 514133

Ion Ratio Lower Upper

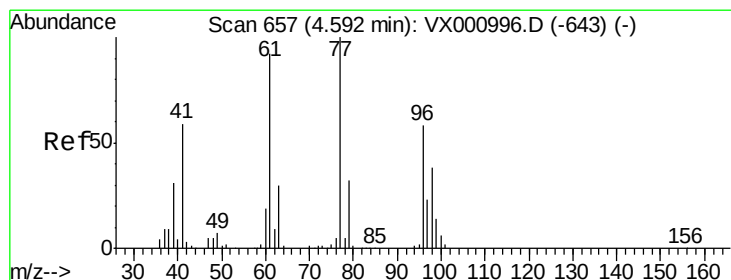
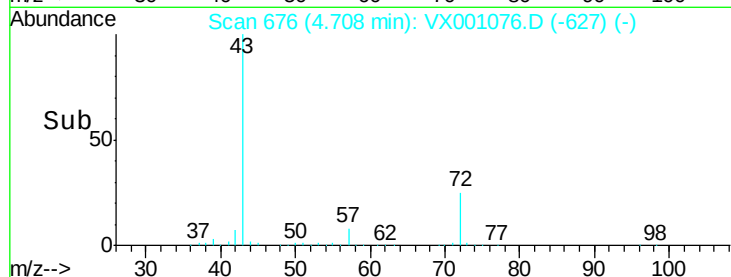
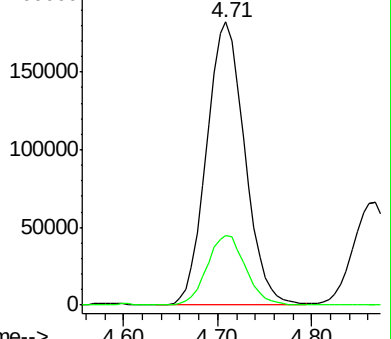
43 100

72 24.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.69 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001076.D

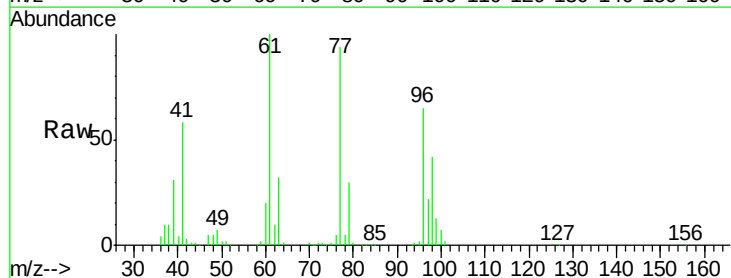
Acq: 24 Apr 2018 11:43

Tgt Ion: 77 Resp: 204100

Ion Ratio Lower Upper

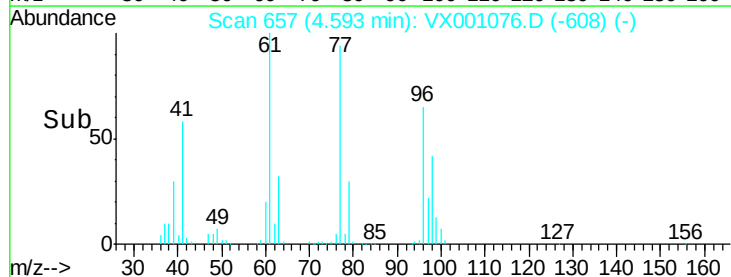
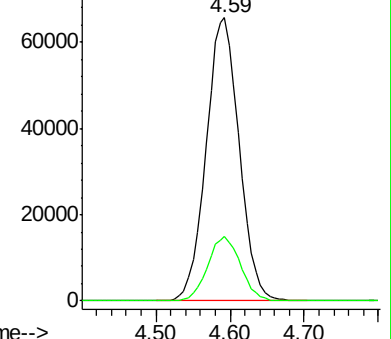
77 100

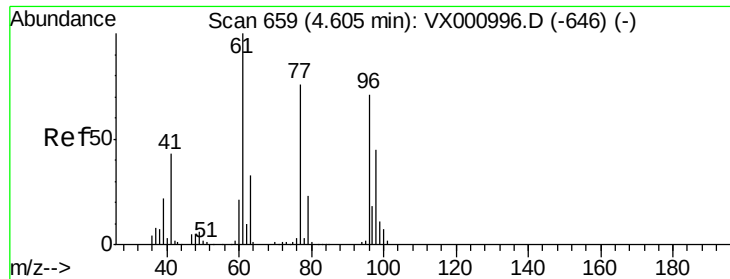
97 22.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.74 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

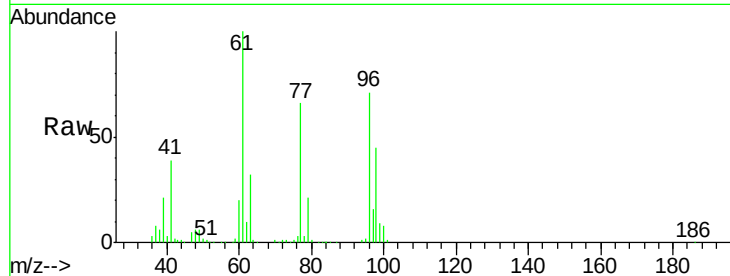
Tgt Ion: 96 Resp: 149882

Ion Ratio Lower Upper

96 100

61 148.2 0.0 297.0

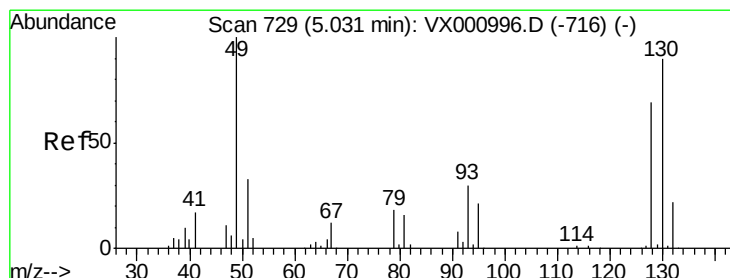
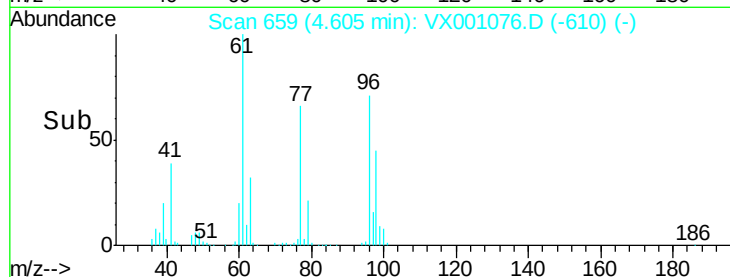
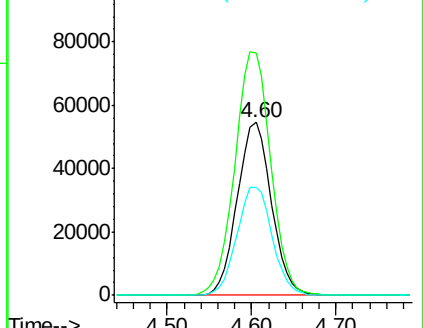
98 64.8 0.0 130.0



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: 53.08 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

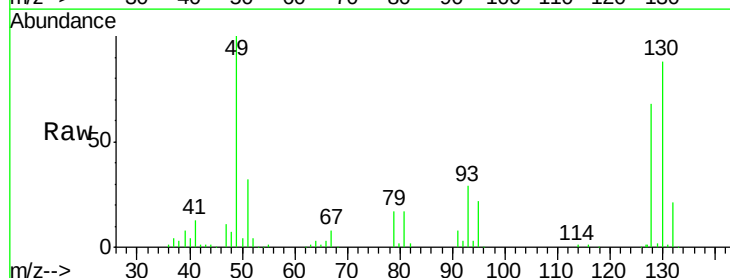
Tgt Ion: 49 Resp: 103719

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

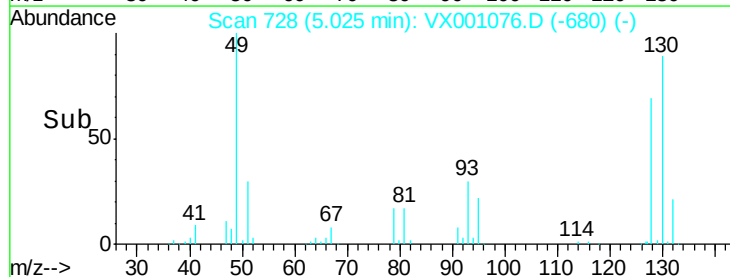
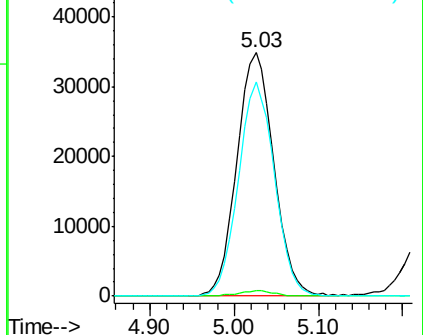
130 86.0 70.6 105.8

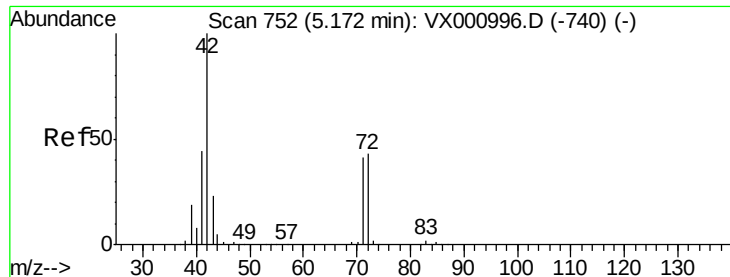


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 250.87 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

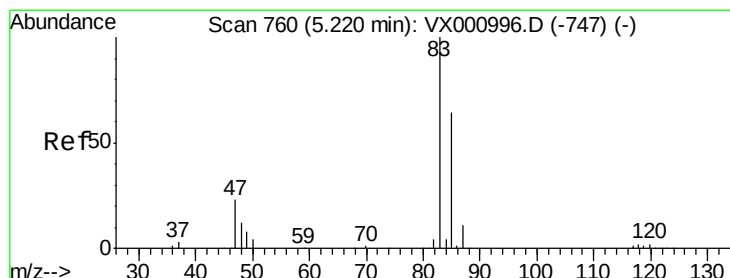
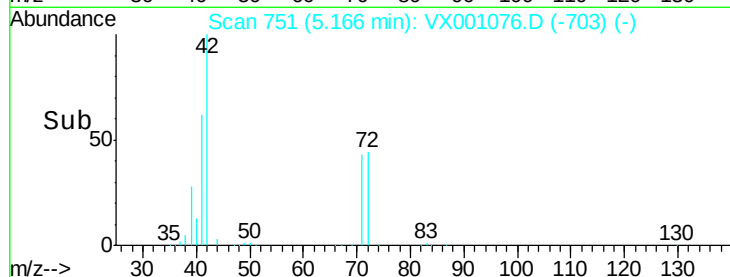
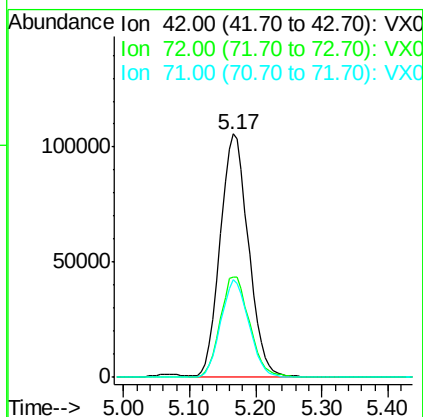
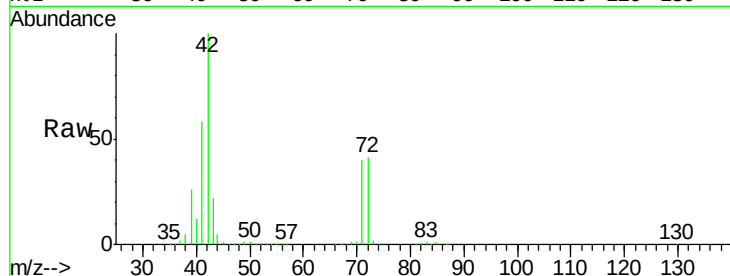
Tgt Ion: 42 Resp: 313498

Ion Ratio Lower Upper

42 100

72 42.8 34.6 52.0

71 39.9 32.6 49.0



#30

Chloroform

Concen: 48.75 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001076.D

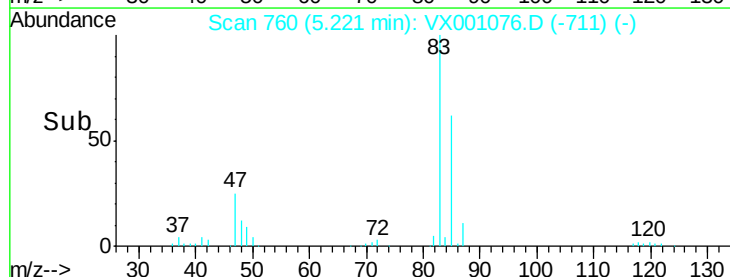
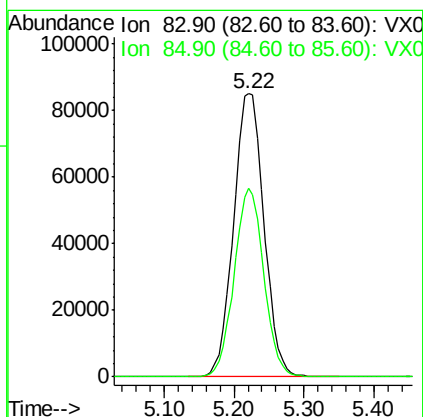
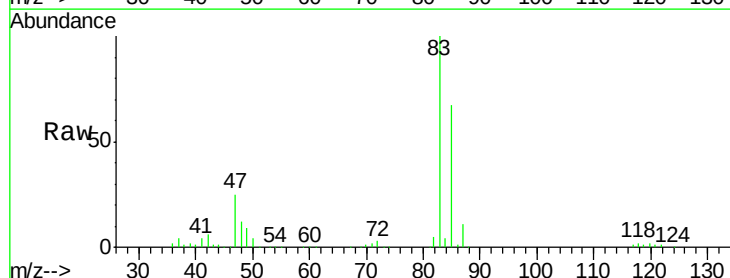
Acq: 24 Apr 2018 11:43

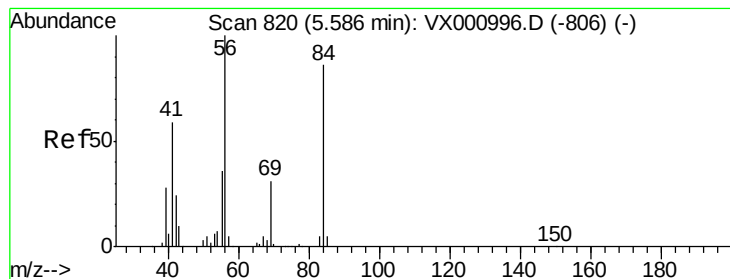
Tgt Ion: 83 Resp: 256515

Ion Ratio Lower Upper

83 100

85 66.6 51.3 76.9





#31

Cyclohexane

Concen: 44.59 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

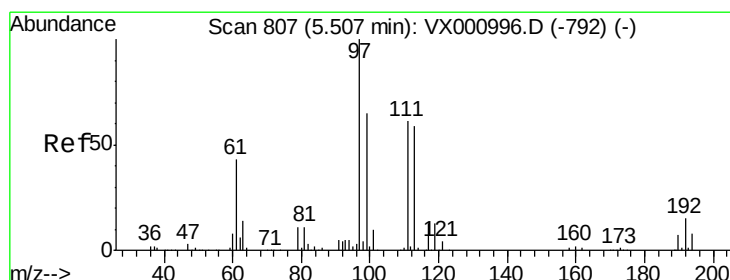
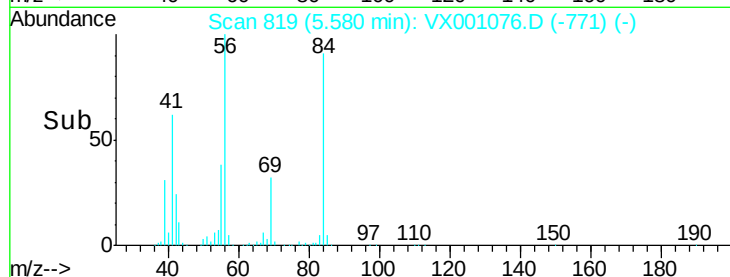
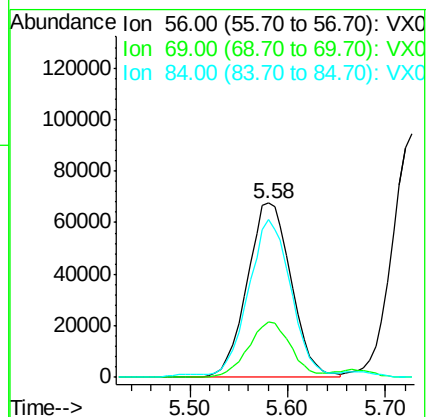
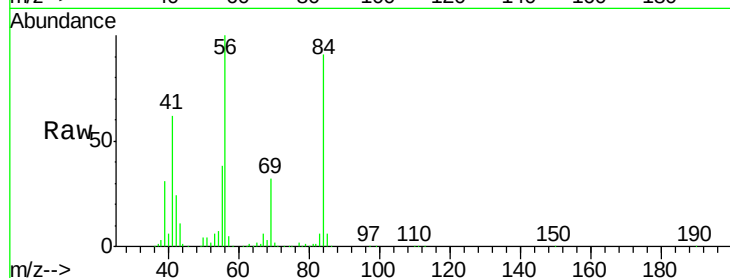
Tgt Ion: 56 Resp: 211462

Ion Ratio Lower Upper

56 100

69 32.1 24.6 36.8

84 88.7 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 47.97 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

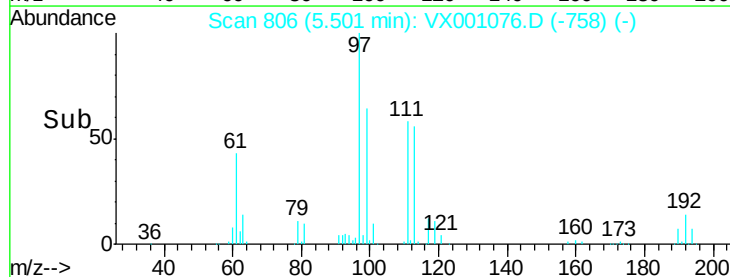
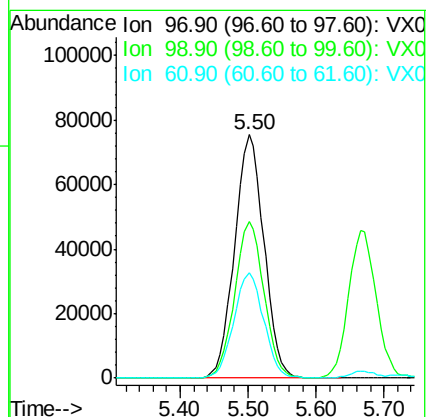
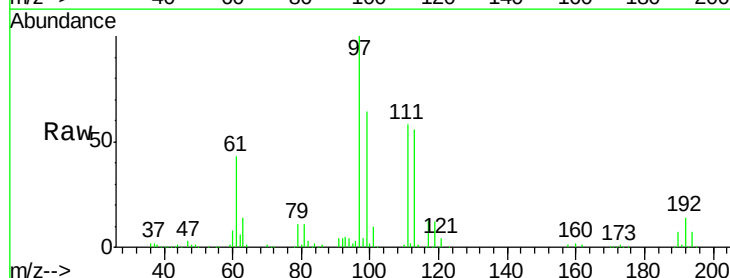
Tgt Ion: 97 Resp: 226328

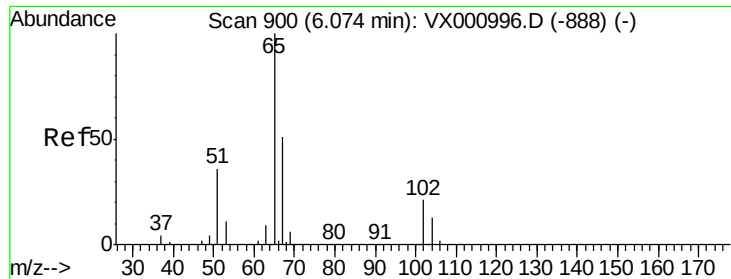
Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 44.0 34.4 51.6

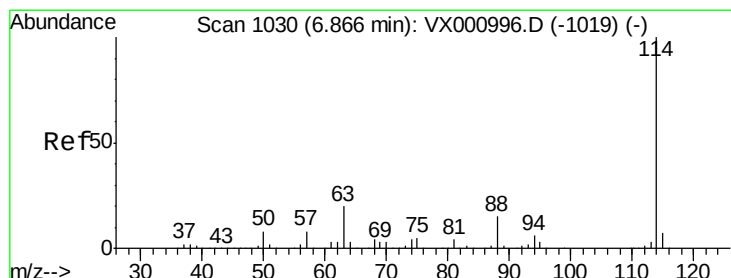
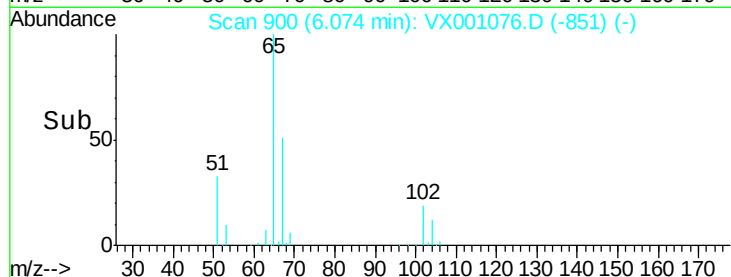
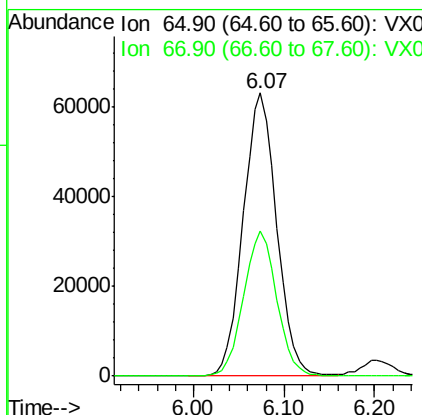
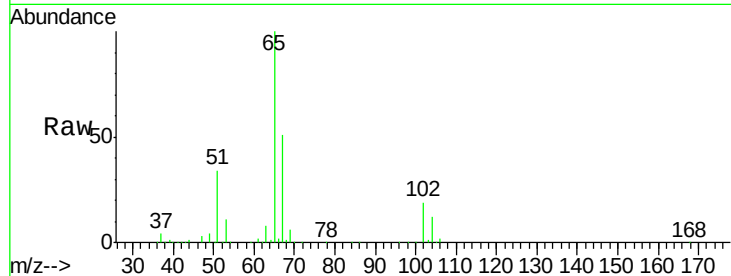




#33
 1,2-Dichloroethane-d4
 Concen: 47.99 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

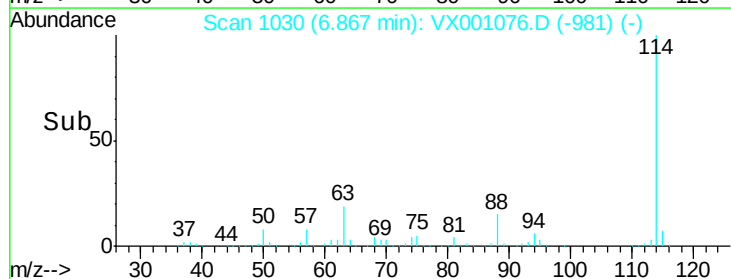
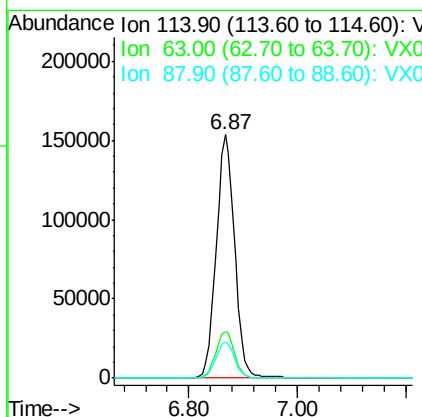
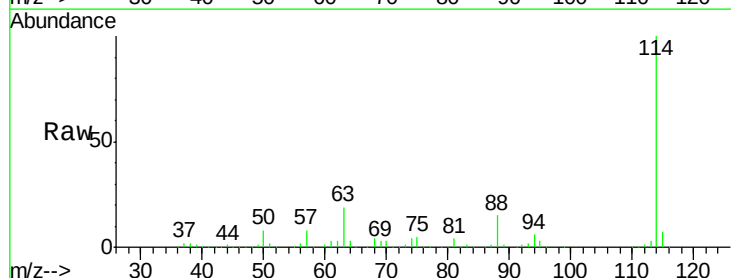
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

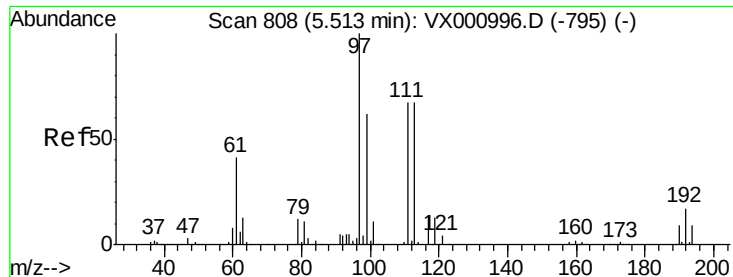
Tgt Ion: 65 Resp: 161437
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001076.D
 Acq: 24 Apr 2018 11:43

Tgt Ion: 114 Resp: 358996
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

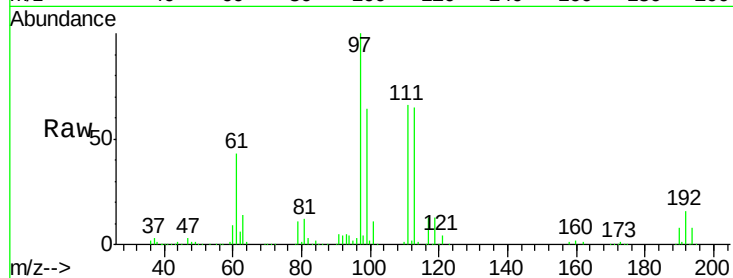
Tgt Ion:113 Resp: 131969

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.2

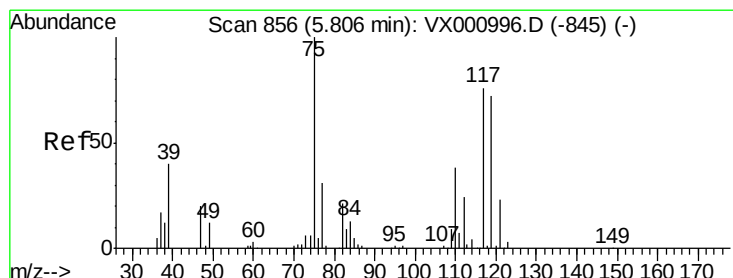
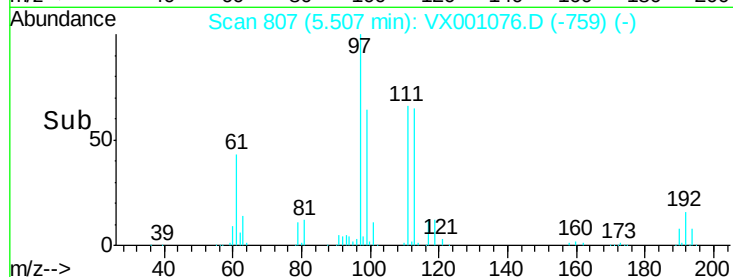
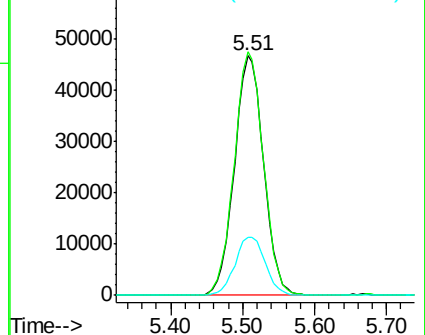
192 25.1 20.4 30.6



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: 44.29 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001076.D

Acq: 24 Apr 2018 11:43

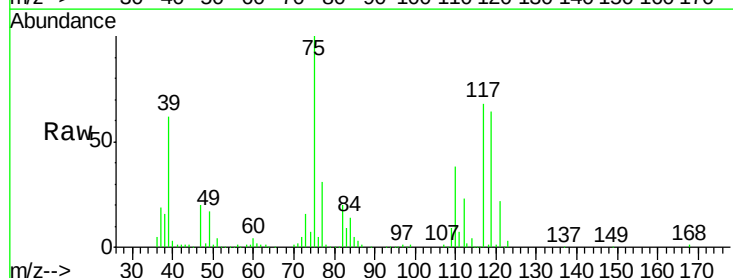
Tgt Ion: 75 Resp: 186840

Ion Ratio Lower Upper

75 100

110 37.4 18.7 56.1

77 31.5 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

