

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
 Data File : VX002596.D
 Acq On : 15 Jun 2018 12:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 15 13:16:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219300	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172890	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
35) Dibromofluoromethane	5.51	113	134887	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.72	98	526714	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.14	95	199069	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121182	48.329	ug/l	100
3) Chloromethane	1.32	50	142041	43.049	ug/l	99
4) Vinyl Chloride	1.40	62	153835	48.679	ug/l	100
5) Bromomethane	1.64	94	83962	33.427	ug/l	99
6) Chloroethane	1.72	64	99882	48.861	ug/l	98
7) Trichlorofluoromethane	1.93	101	259823	53.962	ug/l	98
8) Diethyl Ether	2.19	74	92600	47.214	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	143295	55.149	ug/l	98
10) Methyl Iodide	2.51	142	180557	49.404	ug/l	98
11) Tert butyl alcohol	3.08	59	177119	229.148	ug/l	99
12) 1,1-Dichloroethene	2.37	96	131983	51.399	ug/l	98
13) Acrolein	2.29	56	83677	224.748	ug/l	100
14) Allyl chloride	2.73	41	261228	46.877	ug/l	98
15) Acrylonitrile	3.15	53	394062	239.523	ug/l	99
16) Acetone	2.45	43	372327	215.860	ug/l	100
17) Carbon Disulfide	2.57	76	321655	47.527	ug/l	98
18) Methyl Acetate	2.78	43	207012	50.871	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	485596	47.740	ug/l	99
20) Methylene Chloride	2.86	84	148050	43.196	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	140705	49.689	ug/l	97
22) Diisopropyl ether	3.88	45	457964	44.044	ug/l	99
23) Vinyl Acetate	3.83	43	1947033	215.528	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235132	42.691	ug/l	99
25) 2-Butanone	4.71	43	508861	215.159	ug/l	98
26) 2,2-Dichloropropane	4.59	77	187996	43.666	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	140841	45.734	ug/l	97
28) Bromochloromethane	5.03	49	122930	46.092	ug/l	98
29) Tetrahydrofuran	5.17	42	334809	219.570	ug/l	98
30) Chloroform	5.22	83	247892	46.643	ug/l	97
31) Cyclohexane	5.58	56	217097	49.847	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	215575	47.828	ug/l	99
36) 1,1-Dichloropropene	5.80	75	184274	50.203	ug/l	100
37) Ethyl Acetate	4.87	43	203282	46.052	ug/l	100
38) Carbon Tetrachloride	5.79	117	192215	50.057	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	225310	53.858	ug/l	97
40) Benzene	6.15	78	543158	48.261	ug/l	99
41) Methacrylonitrile	5.07	41	114691	45.387	ug/l	99
42) 1,2-Dichloroethane	6.20	62	210739	47.129	ug/l	100
43) Isopropyl Acetate	6.47	43	343730	45.845	ug/l	100
44) Trichloroethene	7.22	130	158438	50.724	ug/l	98
45) 1,2-Dichloropropane	7.52	63	143120	47.105	ug/l	98
46) Dibromomethane	7.67	93	96565	46.883	ug/l	99
47) Bromodichloromethane	7.90	83	177943	47.768	ug/l	98
48) Methyl methacrylate	7.78	41	174147	46.240	ug/l	97
49) 1,4-Dioxane	7.76	88	65172	925.506	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1112231	238.210	ug/l	100
52) Toluene	8.79	92	354746	49.559	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	216931	48.560	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	201826	47.887	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	142568	48.426	ug/l	98
56) Ethyl methacrylate	9.18	69	224391	47.740	ug/l	99
57) 1,3-Dichloropropane	9.38	76	236742	47.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	530131	243.688	ug/l	99
59) 2-Hexanone	9.50	43	846551	234.733	ug/l	98
60) Dibromochloromethane	9.59	129	146339	49.418	ug/l	99
61) 1,2-Dibromoethane	9.68	107	151312	49.292	ug/l	100
64) Tetrachloroethene	9.34	164	185933	53.306	ug/l	98
65) Chlorobenzene	10.14	112	406665	48.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	145729	47.824	ug/l	99
67) Ethyl Benzene	10.26	91	705895	50.122	ug/l	100
68) m/p-Xylenes	10.36	106	543637	99.301	ug/l	100
69) o-Xylene	10.70	106	263701	48.402	ug/l	100
70) Styrene	10.71	104	447921	50.292	ug/l	99
71) Bromoform	10.86	173	111830	46.291	ug/l #	99
73) Isopropylbenzene	11.02	105	727952	47.717	ug/l	100
74) N-amyl acetate	6.47	43	343730	41.815	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	205912	42.915	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	249404	51.829	ug/l	79
77) Bromobenzene	11.26	156	196728	45.934	ug/l	98
78) n-propylbenzene	11.37	91	836115	49.310	ug/l	100
79) 2-Chlorotoluene	11.43	91	484650	45.266	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	616954	47.150	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	56877	41.432	ug/l	96
82) 4-Chlorotoluene	11.51	91	582285	47.117	ug/l	99
83) tert-Butylbenzene	11.77	119	596328	46.800	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	630852	46.835	ug/l	99
85) sec-Butylbenzene	11.95	105	748640	50.117	ug/l	99
86) p-Isopropyltoluene	12.07	119	676917	49.750	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	362431	47.328	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	368692	46.710	ug/l	99
89) n-Butylbenzene	12.39	91	601288	52.691	ug/l	100
90) Hexachloroethane	12.60	117	96489	44.424	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	364123	45.957	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46678	44.487	ug/l	98

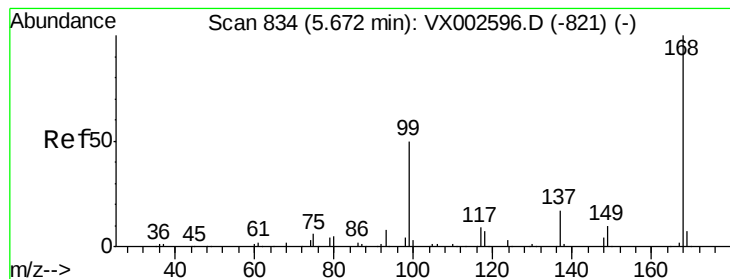
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	276195	49.715	ug/l	100
94) Hexachlorobutadiene	13.79	225	147600	53.764	ug/l	100
95) Naphthalene	13.84	128	756631	47.401	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	273603	48.289	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

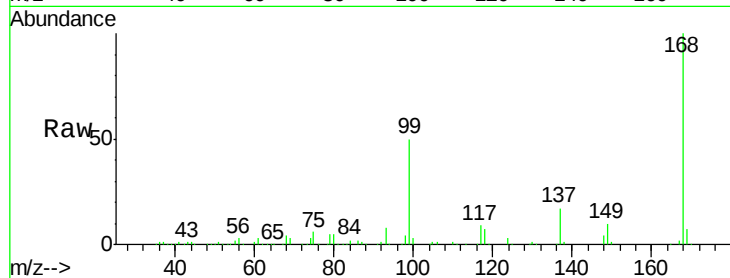
VSTDICCC050

Tgt Ion:168 Resp: 241209

Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

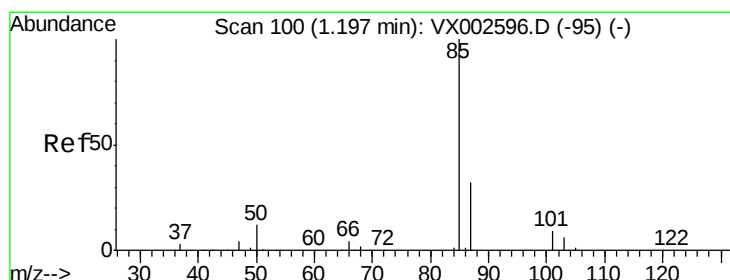
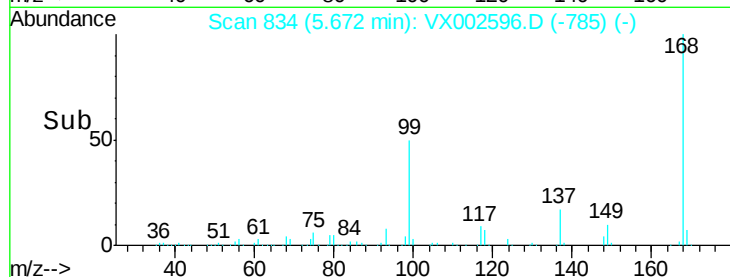
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.329 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002596.D

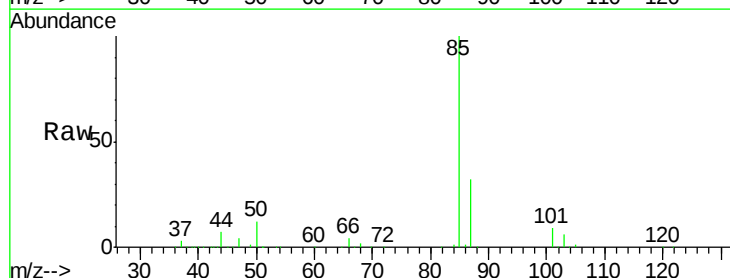
Acq: 15 Jun 2018 12:55

Tgt Ion: 85 Resp: 121182

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

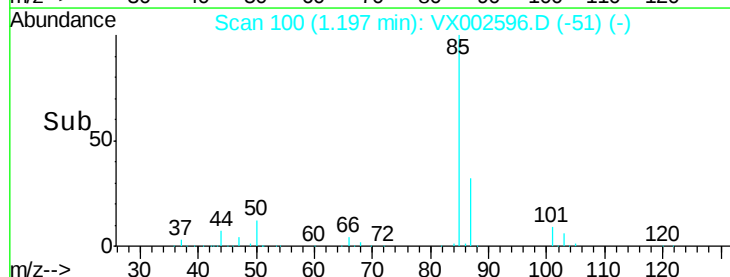
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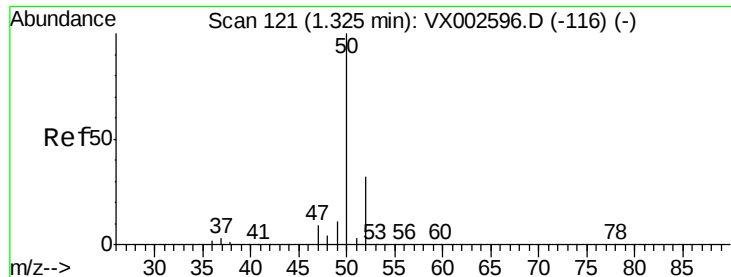
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.049 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

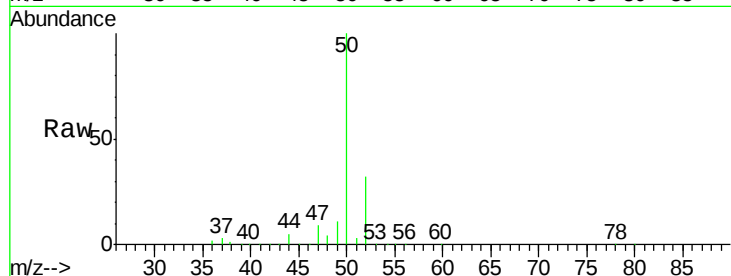
VSTDICCC050

Tgt Ion: 50 Resp: 142041

Ion Ratio Lower Upper

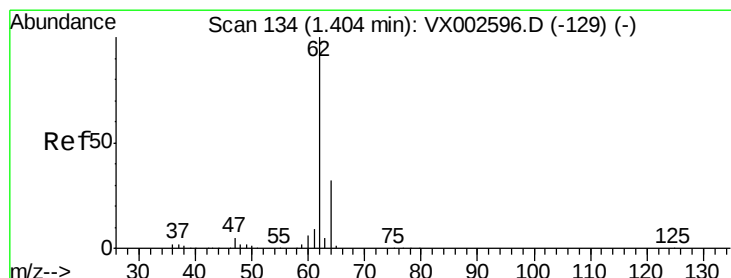
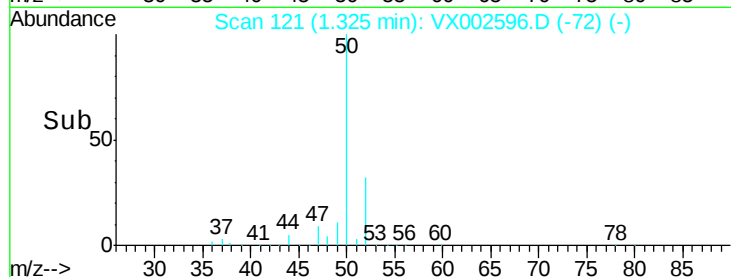
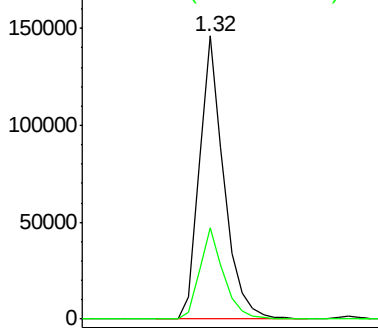
50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.679 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002596.D

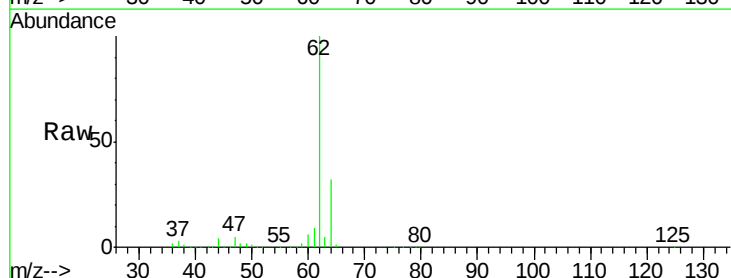
Acq: 15 Jun 2018 12:55

Tgt Ion: 62 Resp: 153835

Ion Ratio Lower Upper

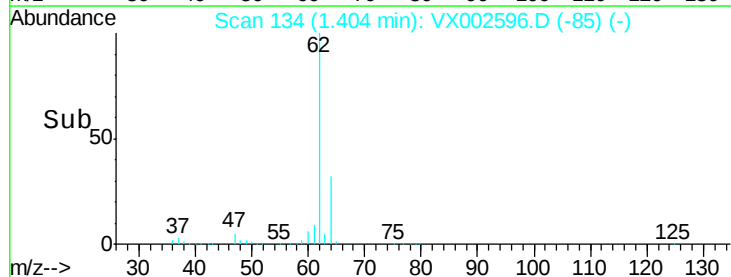
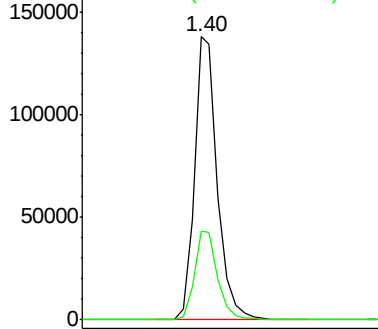
62 100

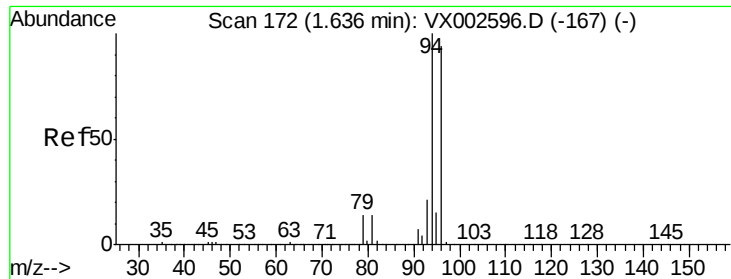
64 31.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 33.427 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

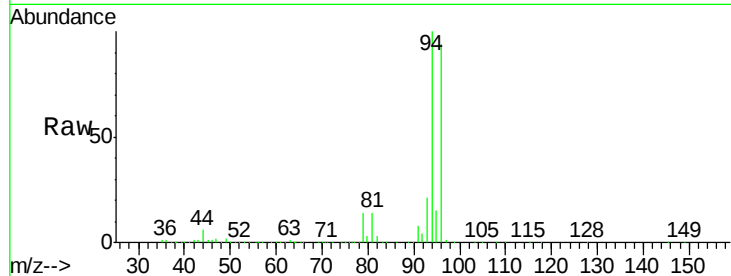
VSTDICCC050

Tgt Ion: 94 Resp: 83962

Ion Ratio Lower Upper

94 100

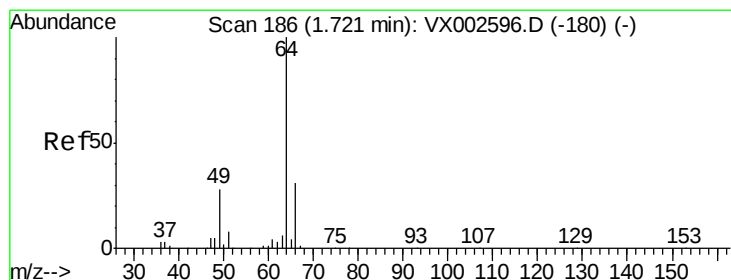
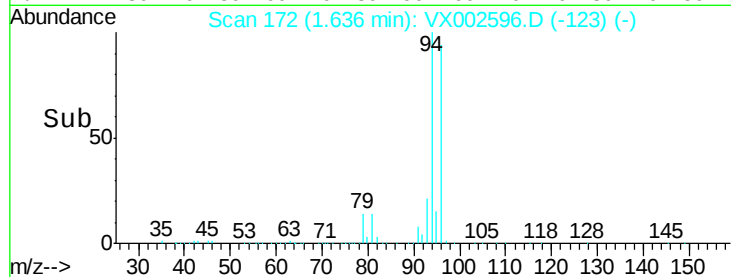
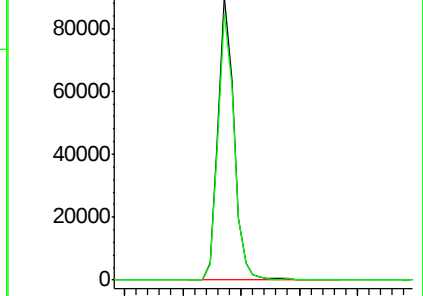
96 94.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64



#6

Chloroethane

Concen: 48.861 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002596.D

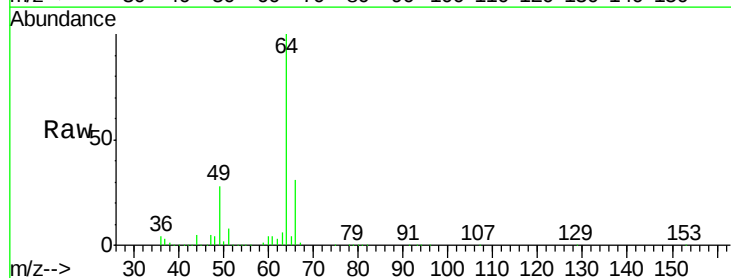
Acq: 15 Jun 2018 12:55

Tgt Ion: 64 Resp: 99882

Ion Ratio Lower Upper

64 100

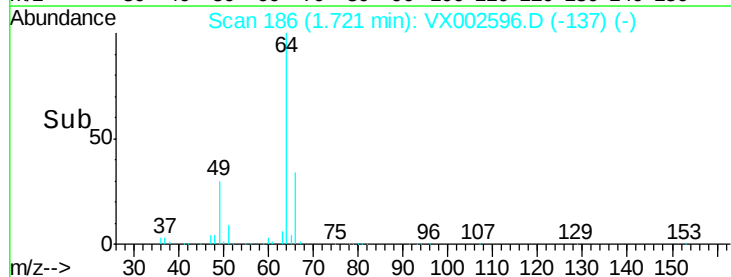
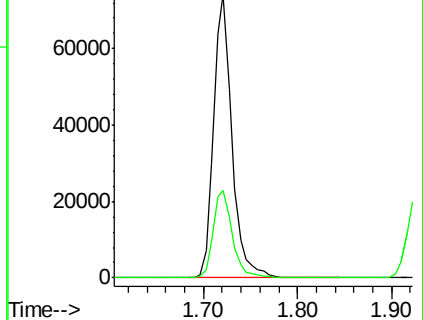
66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72



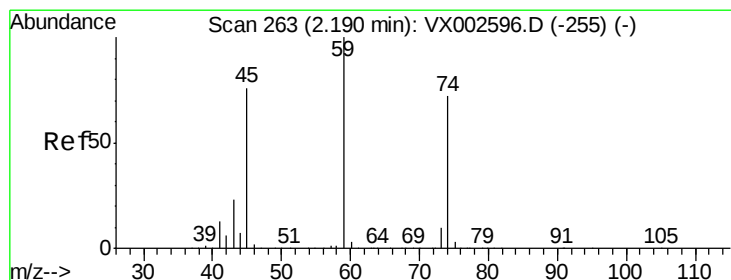
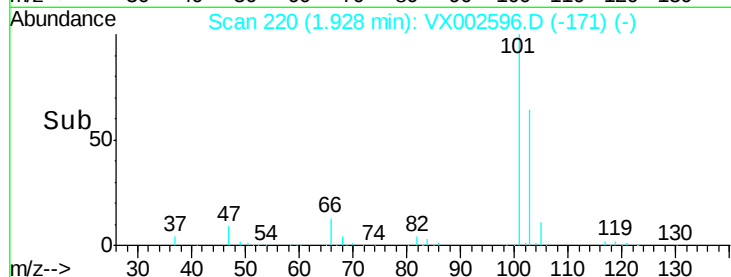
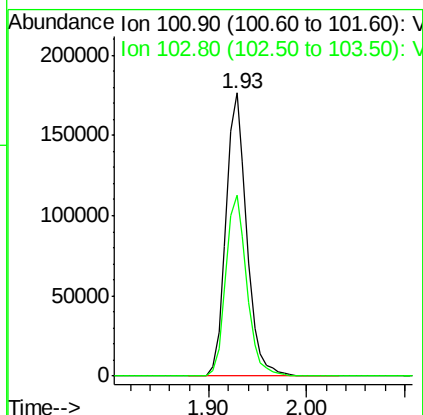
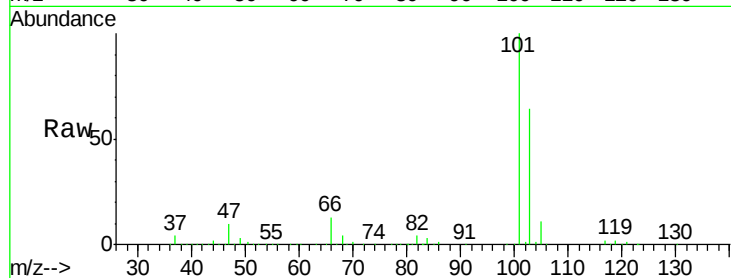


#7

Trichlorofluoromethane
 Concen: 53.962 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

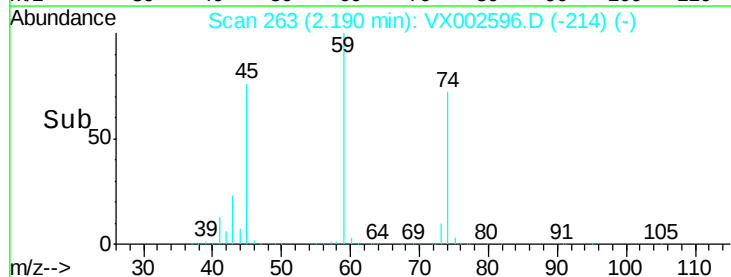
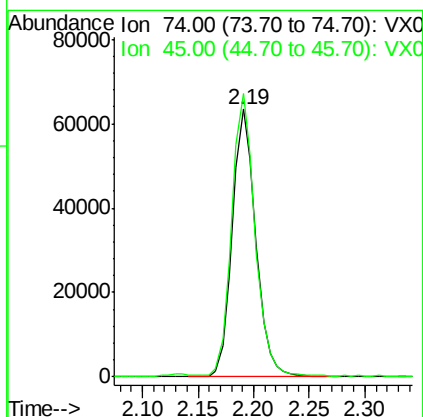
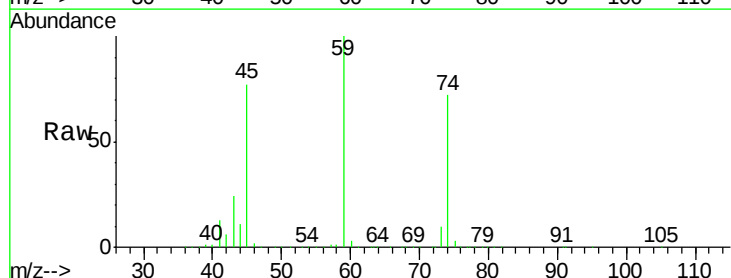
Tgt Ion:101 Resp: 259823
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.8 79.2

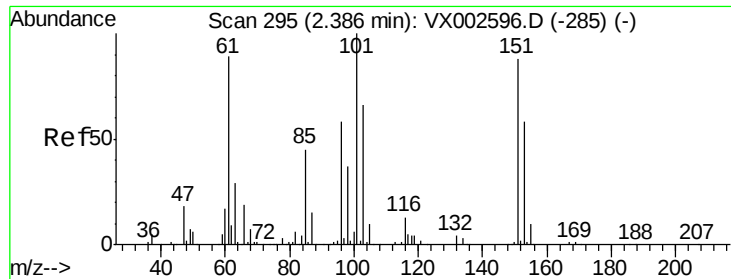


#8

Diethyl Ether
 Concen: 47.214 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion: 74 Resp: 92600
 Ion Ratio Lower Upper
 74 100
 45 104.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.149 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

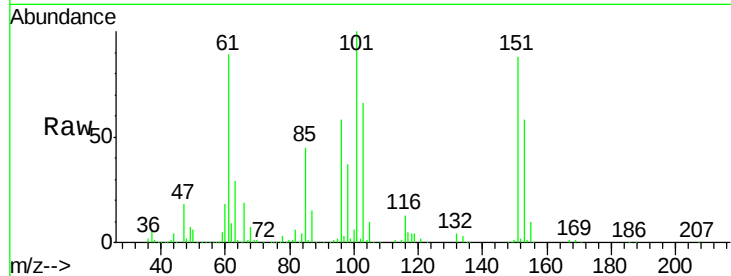
Tgt Ion:101 Resp: 143295

Ion Ratio Lower Upper

101 100

85 46.3 36.0 54.0

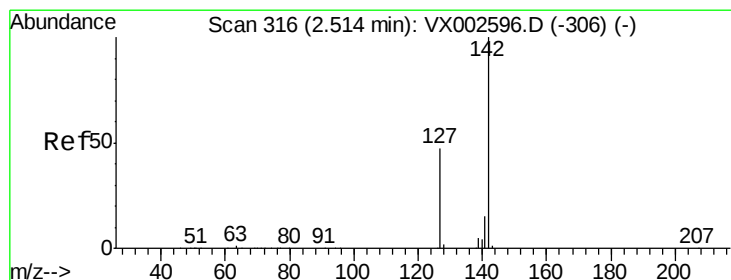
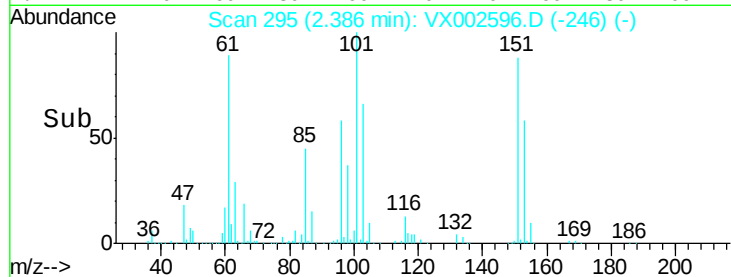
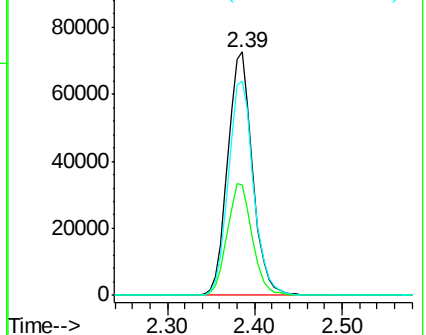
151 89.8 70.9 106.3



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: 49.404 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

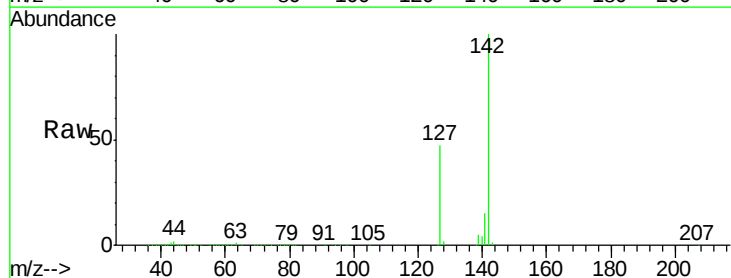
Tgt Ion:142 Resp: 180557

Ion Ratio Lower Upper

142 100

127 47.5 36.6 55.0

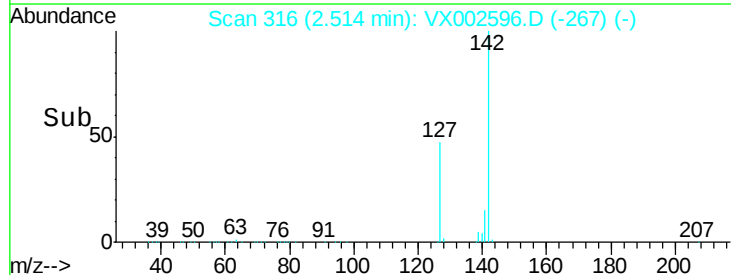
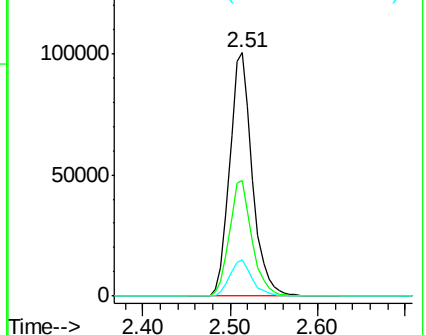
141 14.6 11.3 16.9

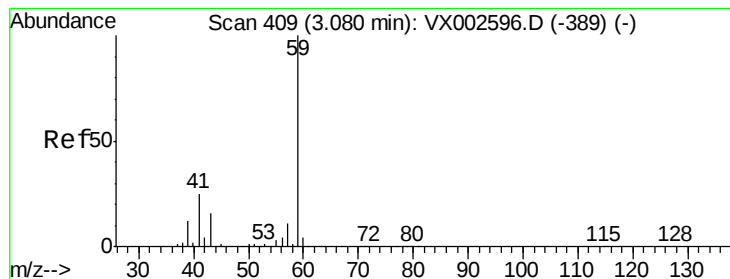


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



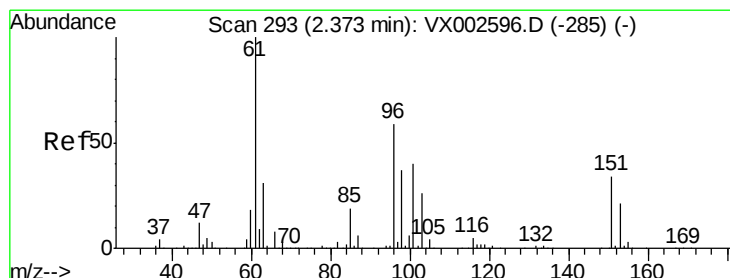
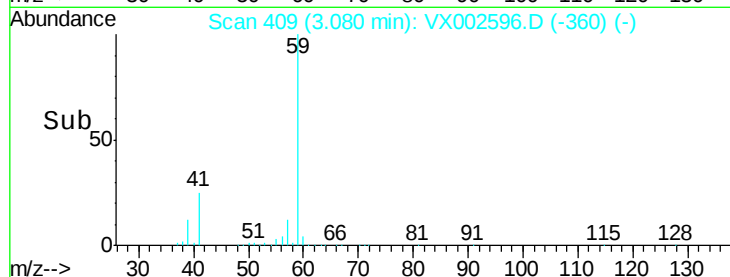
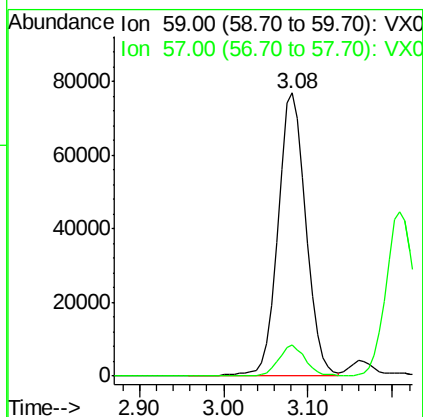
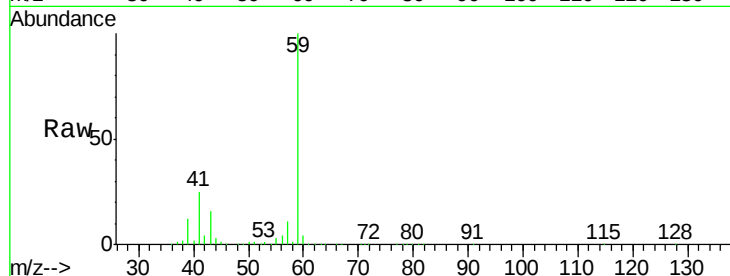


#11

Tert butyl alcohol
 Concen: 229.148 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

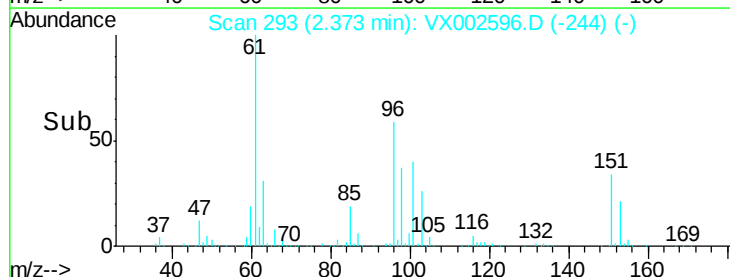
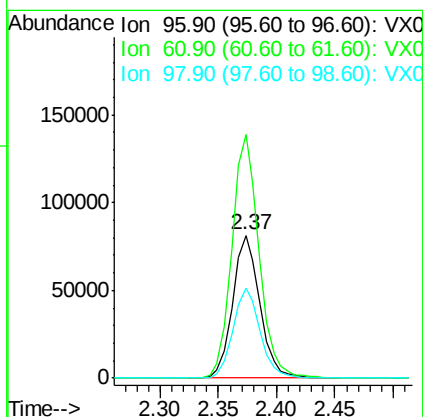
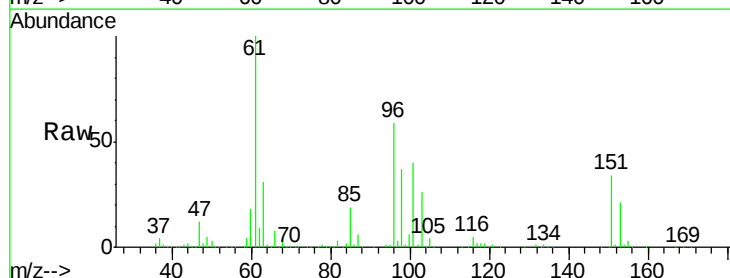
Tgt Ion: 59 Resp: 177119
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

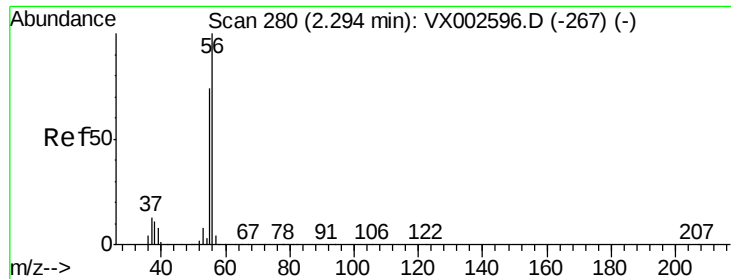


#12

1,1-Dichloroethene
 Concen: 51.399 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion: 96 Resp: 131983
 Ion Ratio Lower Upper
 96 100
 61 170.1 137.9 206.9
 98 63.0 51.6 77.4





#13

Acrolein

Concen: 224.748 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

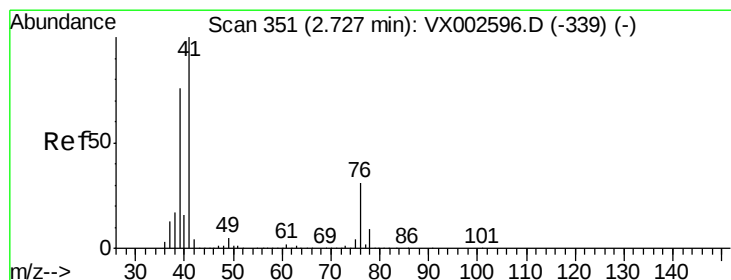
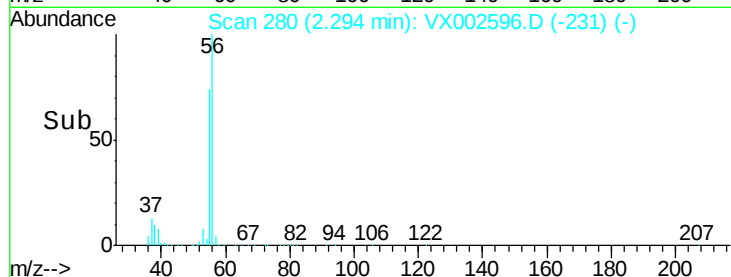
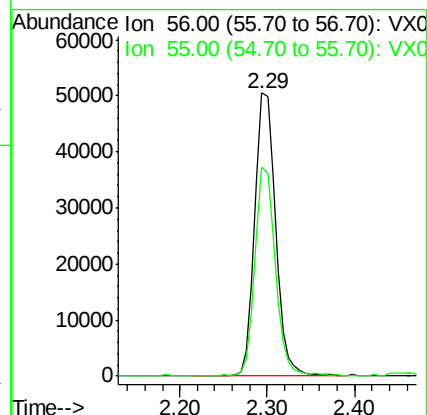
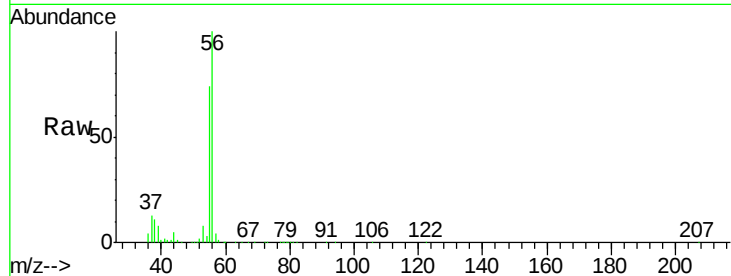
VSTDICCC050

Tgt Ion: 56 Resp: 83677

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 46.877 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

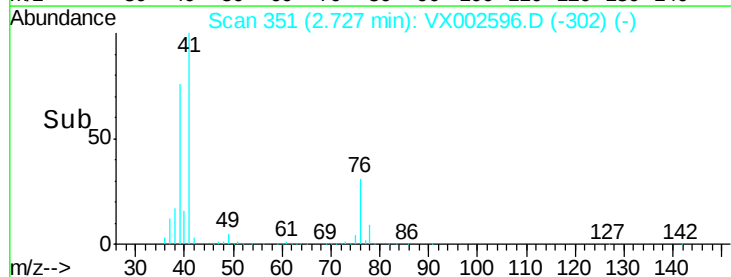
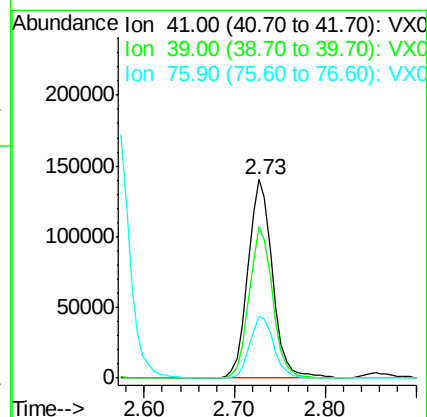
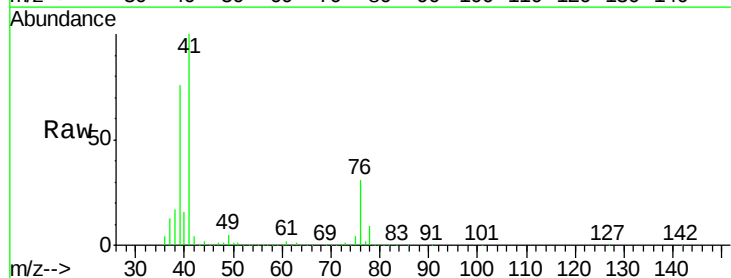
Tgt Ion: 41 Resp: 261228

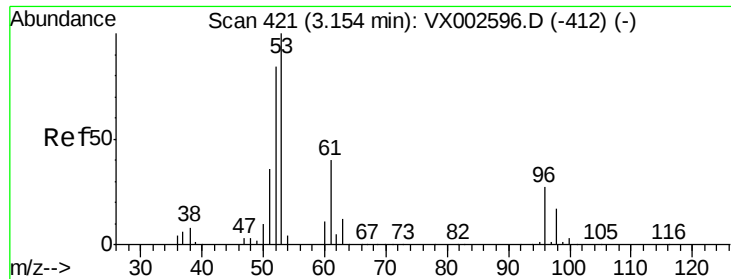
Ion Ratio Lower Upper

41 100

39 72.9 56.8 85.2

76 30.5 23.8 35.8

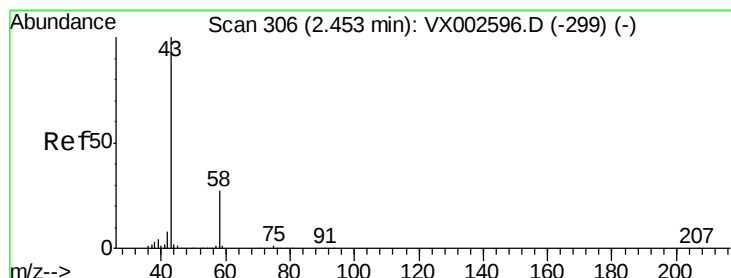
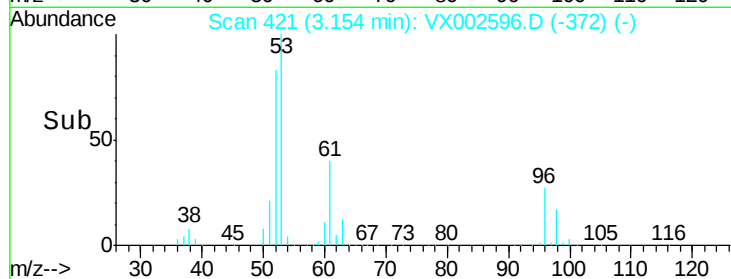
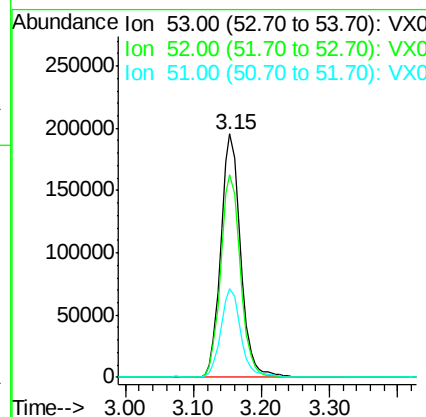
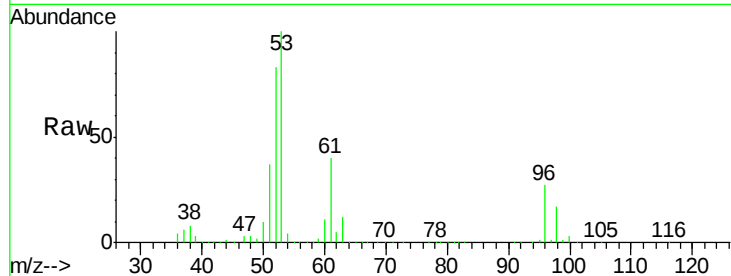




#15
 Acrylonitrile
 Concen: 239.523 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

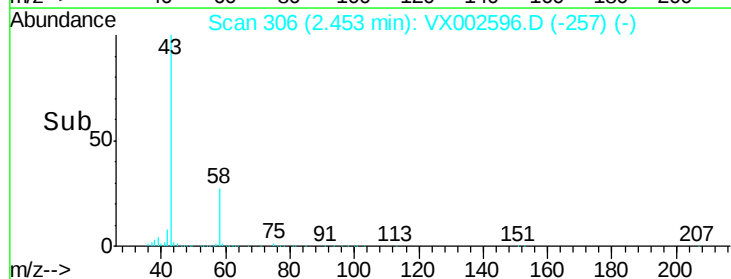
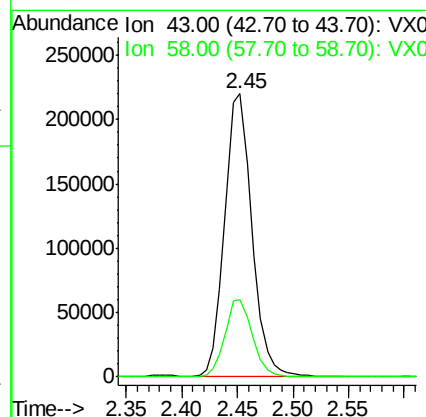
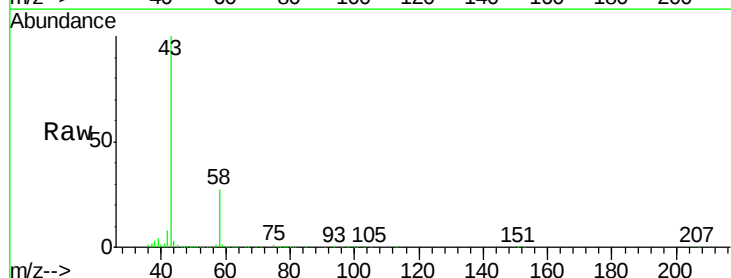
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

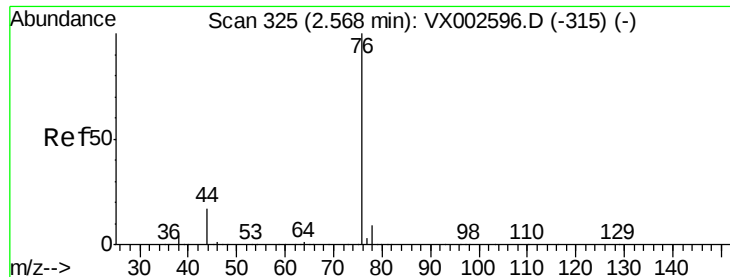
Tgt Ion: 53 Resp: 394062
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.7 100.1
 51 36.8 29.9 44.9



#16
 Acetone
 Concen: 215.860 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion: 43 Resp: 372327
 Ion Ratio Lower Upper
 43 100
 58 27.5 22.1 33.1

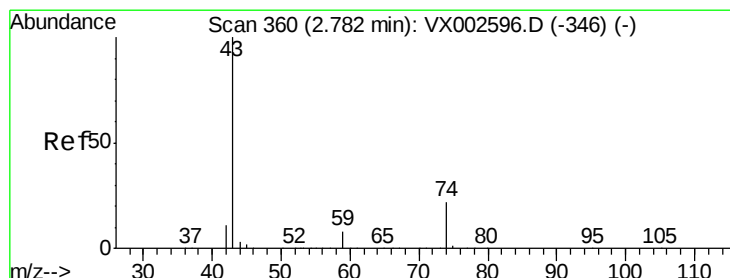
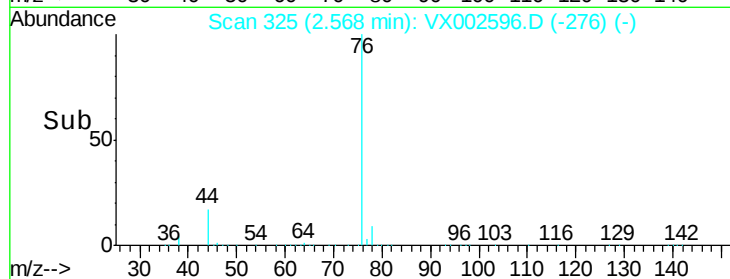
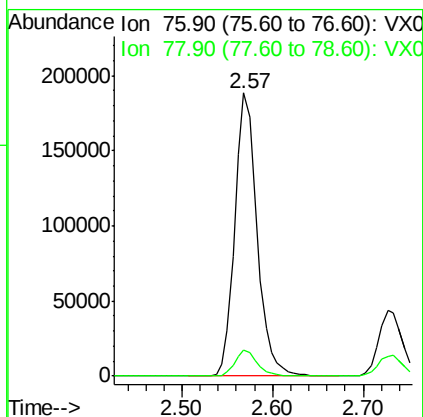
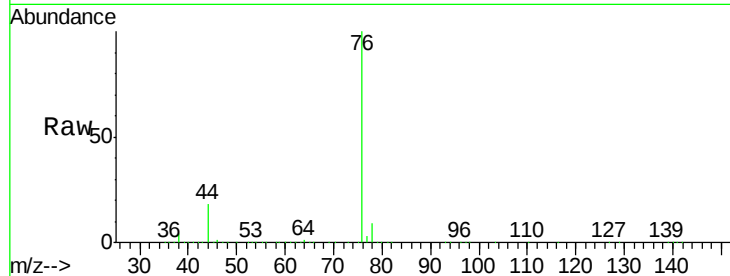




#17
Carbon Disulfide
Concen: 47.527 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

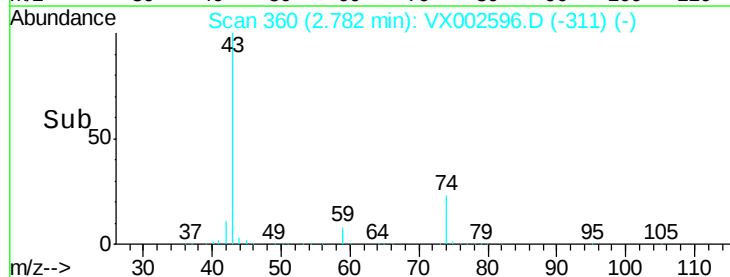
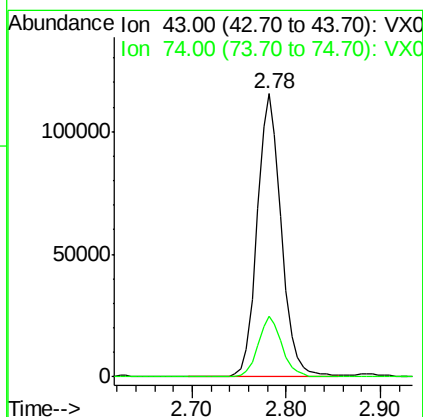
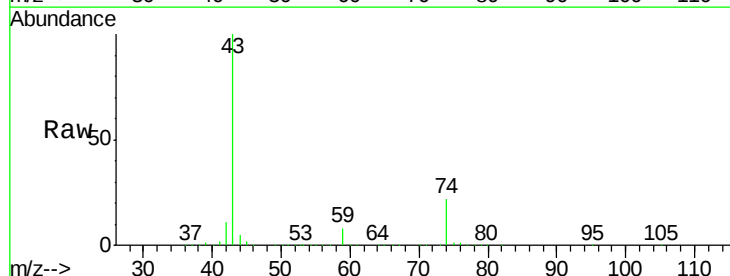
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

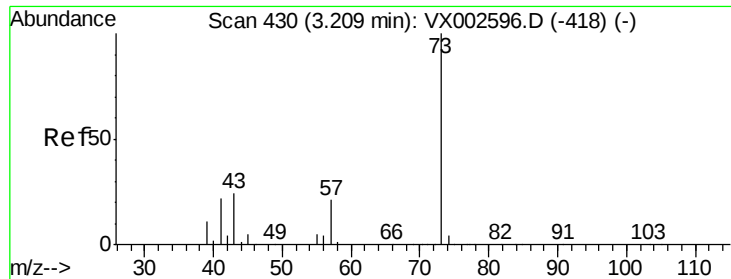
Tgt Ion: 76 Resp: 321655
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 50.871 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion: 43 Resp: 207012
Ion Ratio Lower Upper
43 100
74 20.6 16.7 25.1

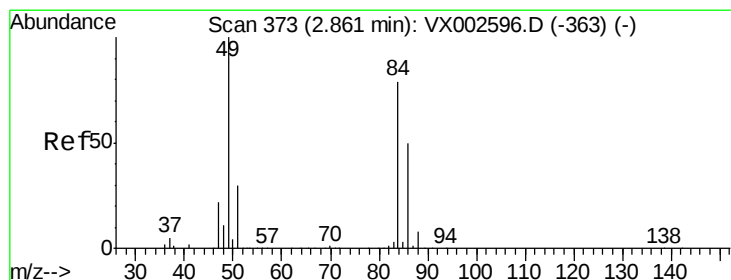
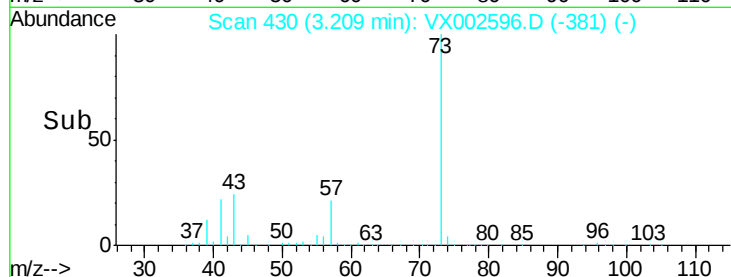
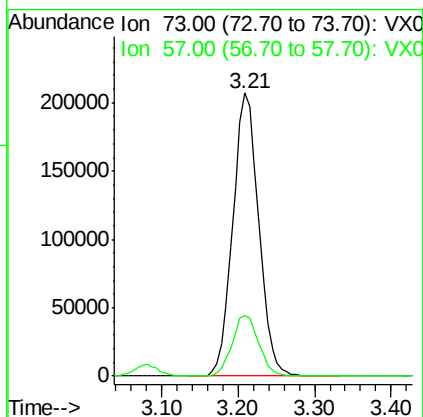
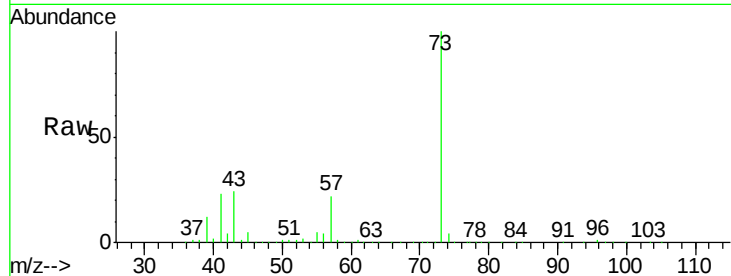




#19
Methyl tert-butyl Ether
Concen: 47.740 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

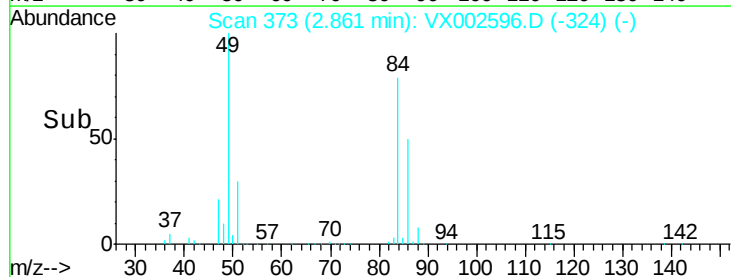
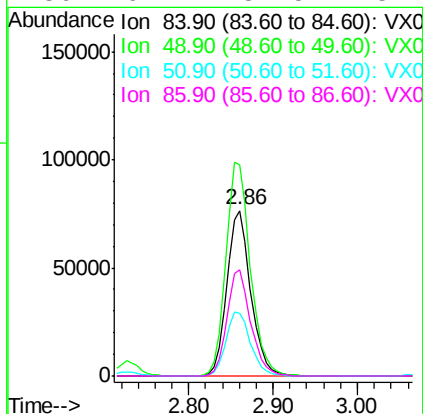
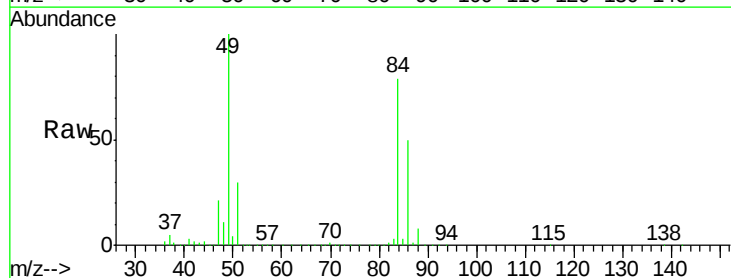
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

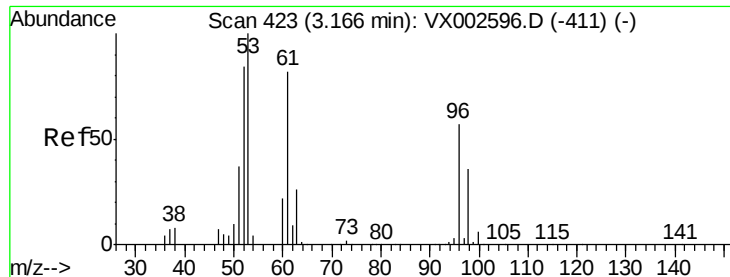
Tgt Ion: 73 Resp: 485596
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 43.196 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion: 84 Resp: 148050
Ion Ratio Lower Upper
84 100
49 127.3 107.8 161.6
51 37.7 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.689 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

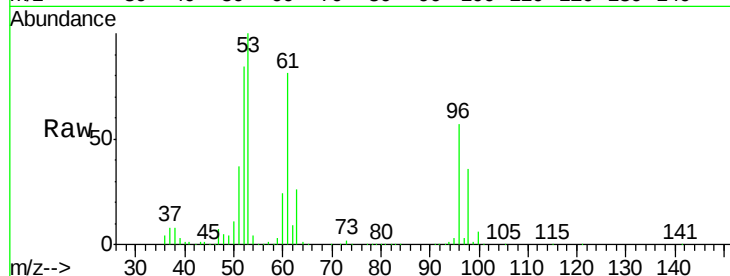
Tgt Ion: 96 Resp: 140705

Ion Ratio Lower Upper

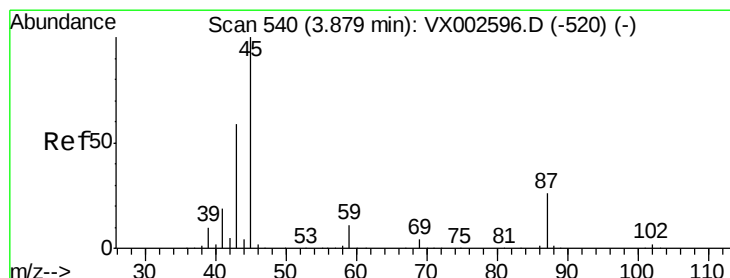
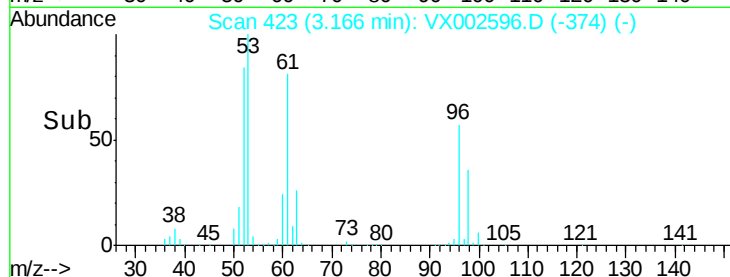
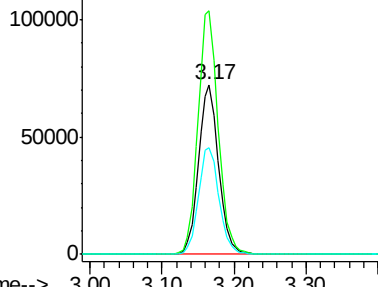
96 100

61 143.3 117.0 175.4

98 62.8 52.4 78.6



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: 44.044 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Tgt Ion: 45 Resp: 457964

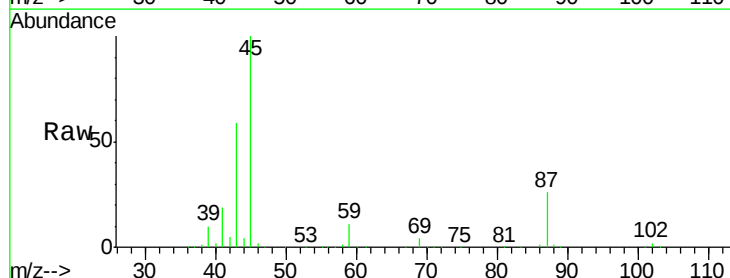
Ion Ratio Lower Upper

45 100

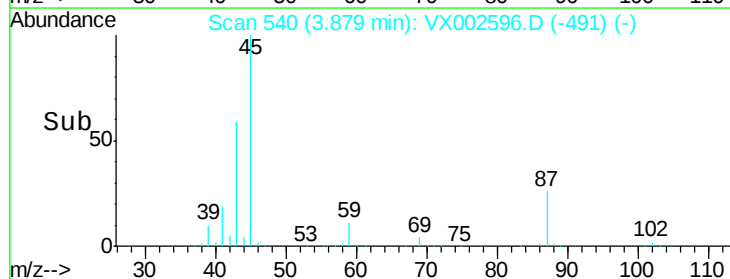
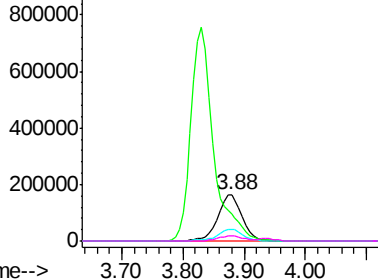
43 58.7 46.8 70.2

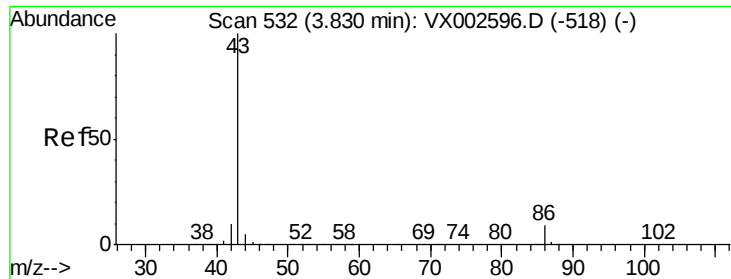
87 25.7 20.2 30.4

59 11.3 8.7 13.1



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: 215.528 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

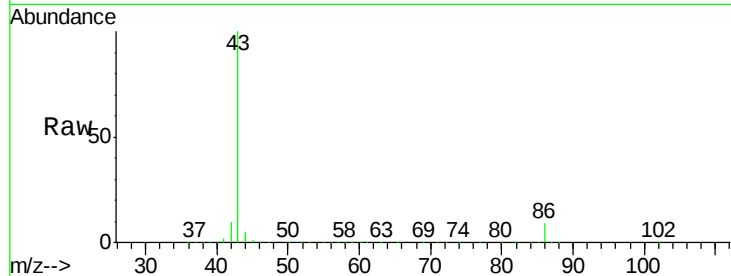
VSTDICCC050

Tgt Ion: 43 Resp: 1947033

Ion Ratio Lower Upper

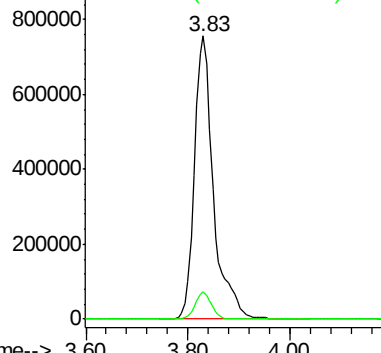
43 100

86 9.5 7.4 11.0

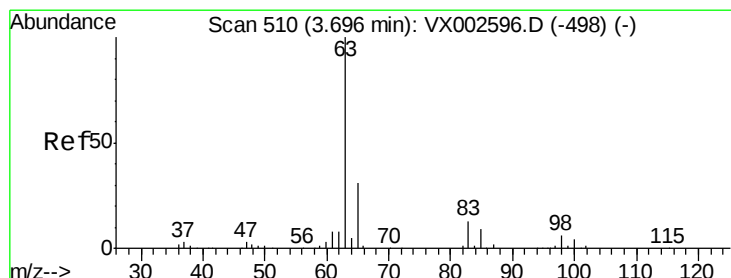
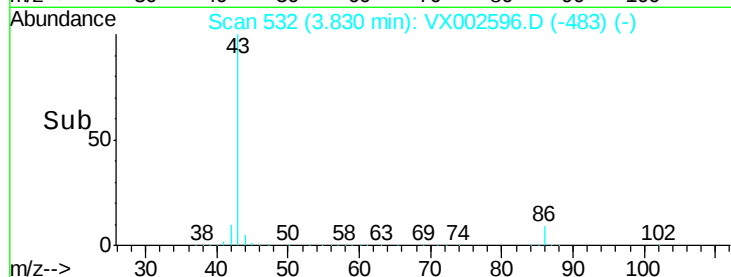


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 42.691 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

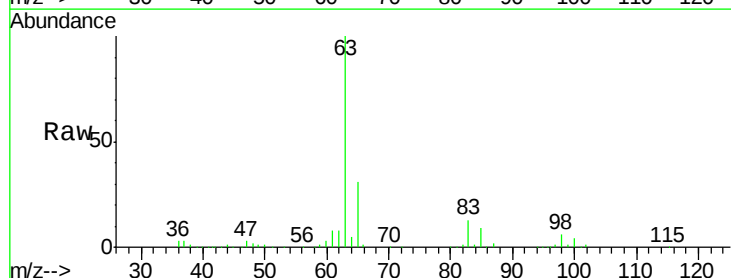
Tgt Ion: 63 Resp: 235132

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

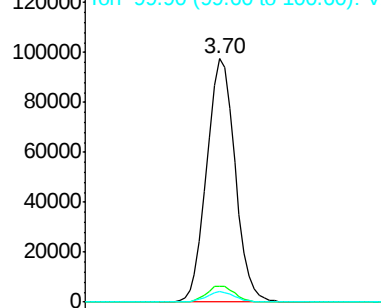
100 4.4 2.0 6.0



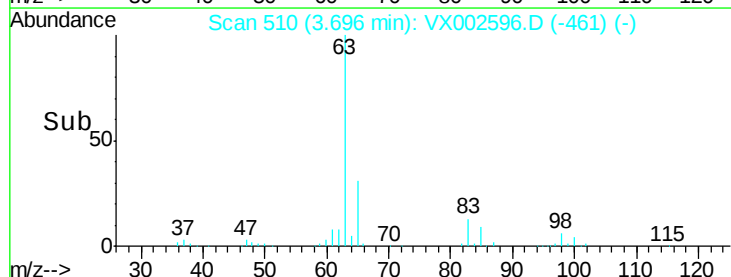
Abundance Ion 62.90 (62.60 to 63.60): VX0

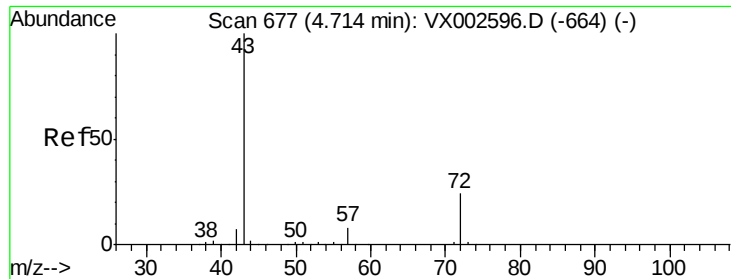
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 215.159 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

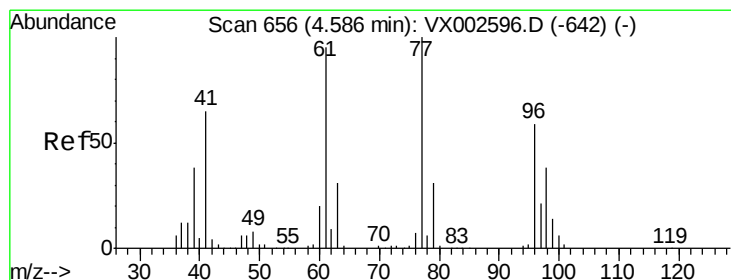
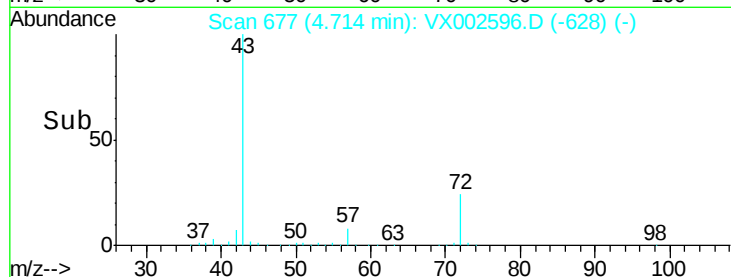
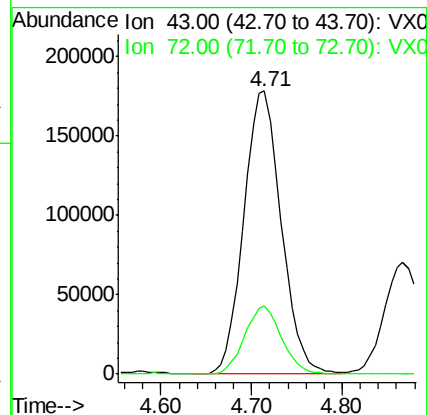
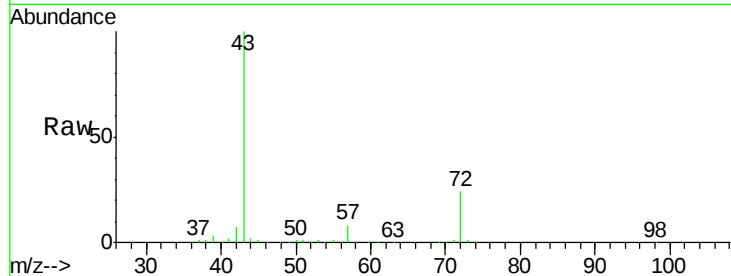
VSTDICCC050

Tgt Ion: 43 Resp: 508861

Ion Ratio Lower Upper

43 100

72 24.1 18.5 27.7



#26

2,2-Dichloropropane

Concen: 43.666 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002596.D

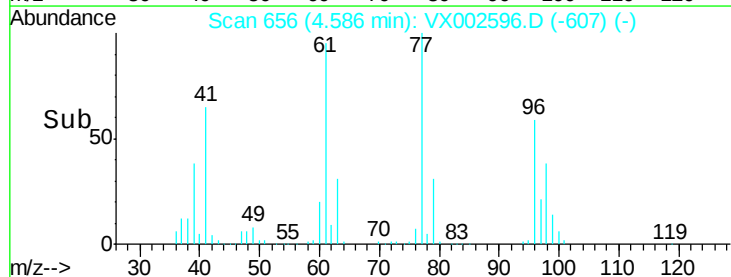
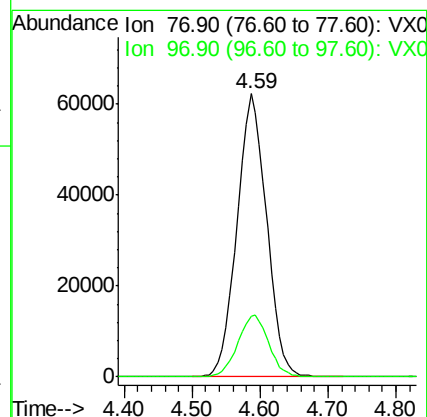
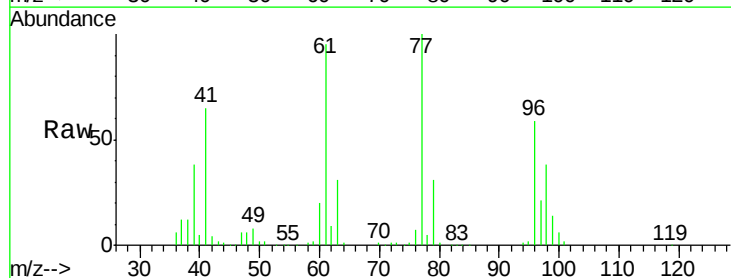
Acq: 15 Jun 2018 12:55

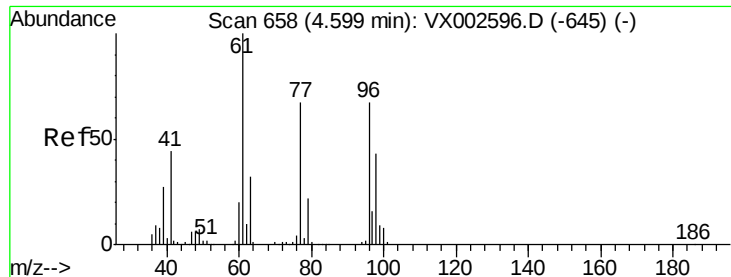
Tgt Ion: 77 Resp: 187996

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5



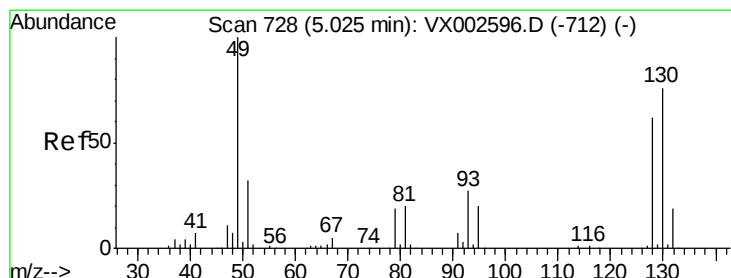
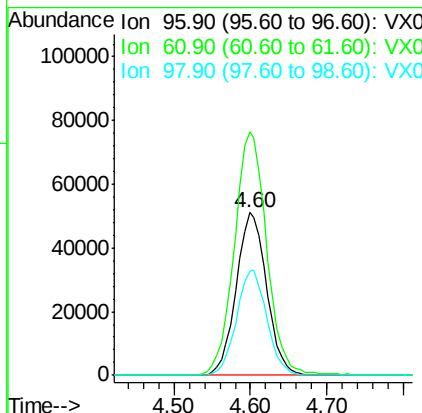
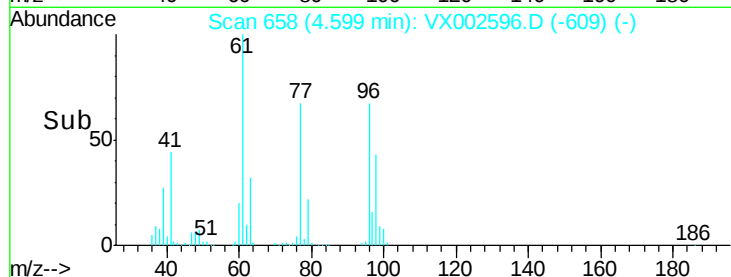
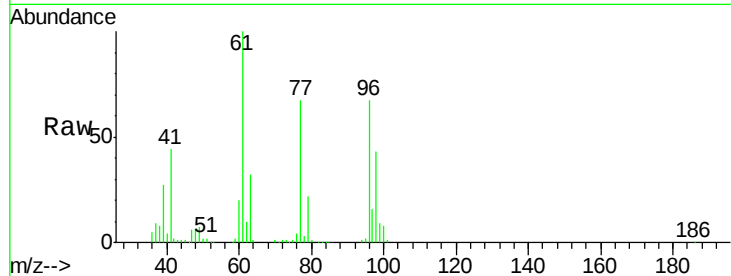


#27

cis-1,2-Dichloroethene
Concen: 45.734 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

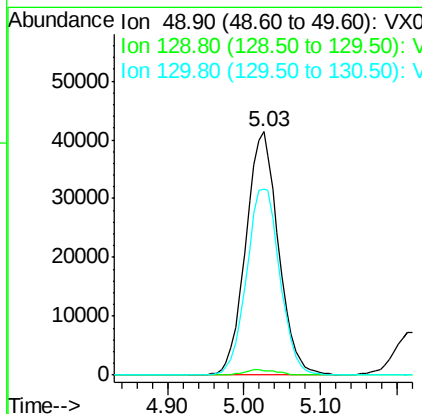
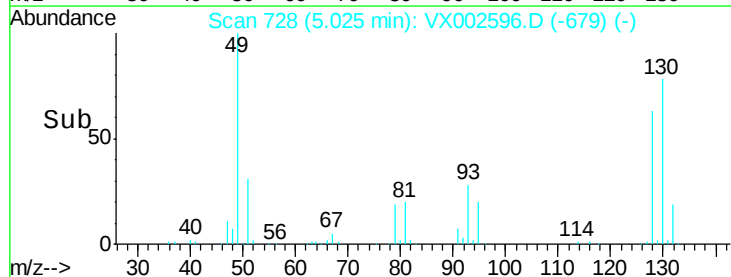
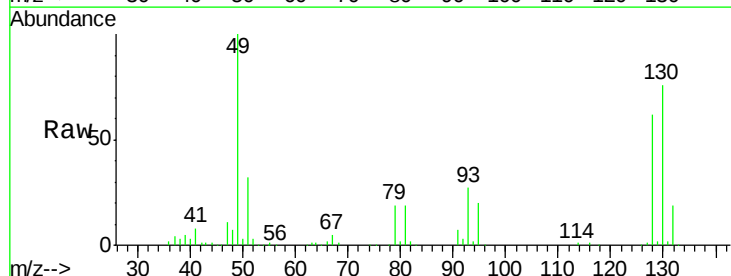
Tgt Ion: 96 Resp: 140841
Ion Ratio Lower Upper
96 100
61 159.4 0.0 330.2
98 64.7 0.0 130.2

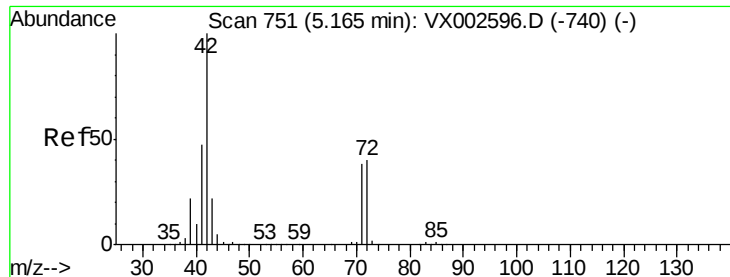


#28

Bromochloromethane
Concen: 46.092 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion: 49 Resp: 122930
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 78.2 61.2 91.8





#29

Tetrahydrofuran

Concen: 219.570 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

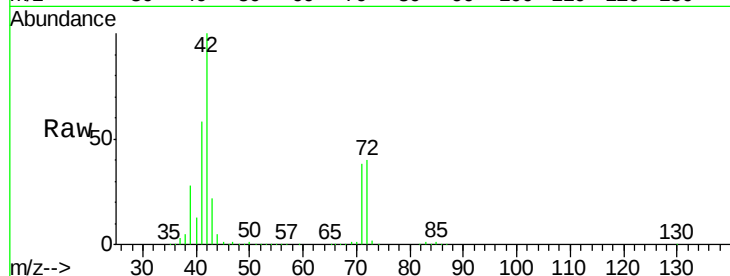
Tgt Ion: 42 Resp: 334809

Ion Ratio Lower Upper

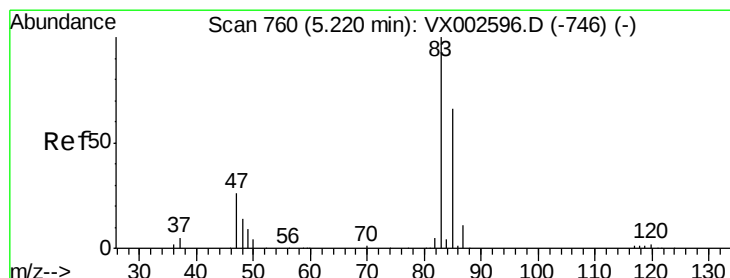
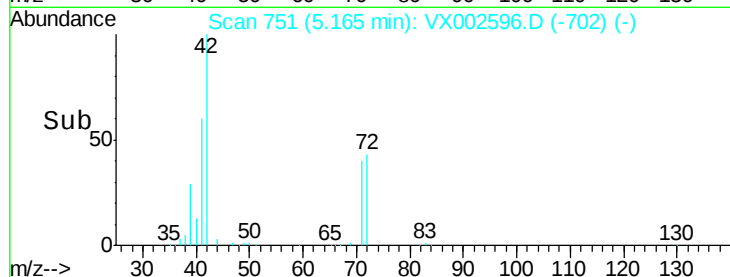
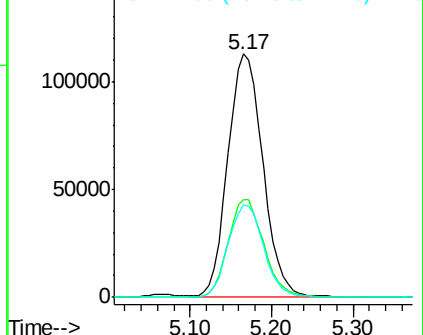
42 100

72 41.1 32.0 48.0

71 38.5 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.643 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002596.D

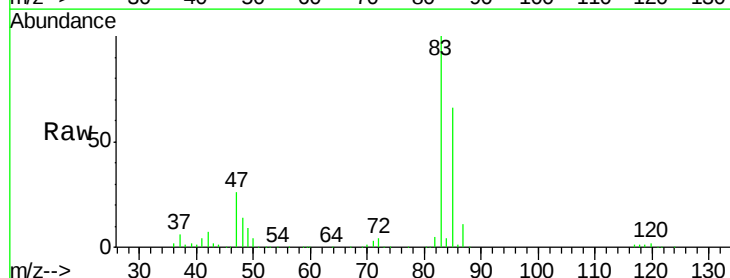
Acq: 15 Jun 2018 12:55

Tgt Ion: 83 Resp: 247892

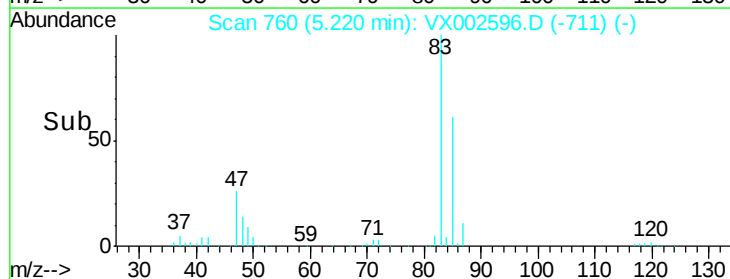
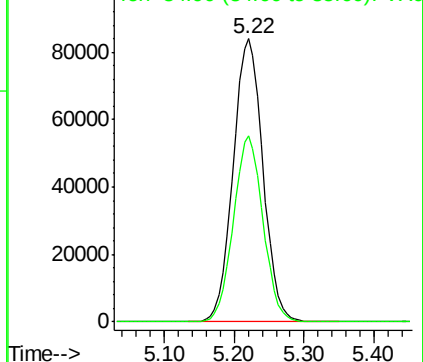
Ion Ratio Lower Upper

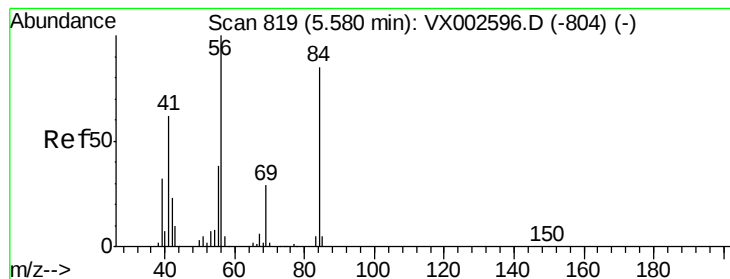
83 100

85 65.6 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.847 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

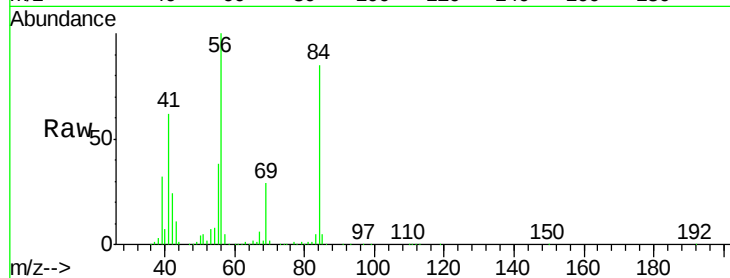
Tgt Ion: 56 Resp: 217097

Ion Ratio Lower Upper

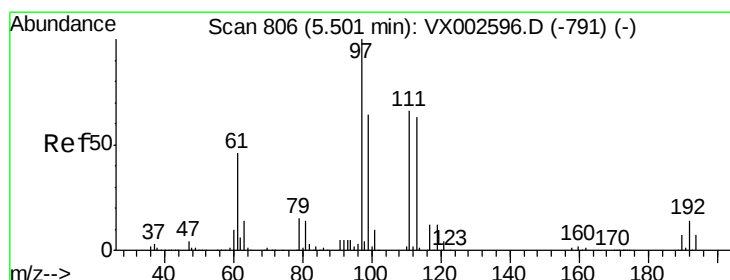
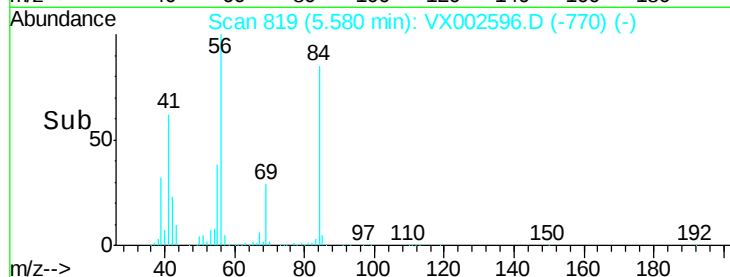
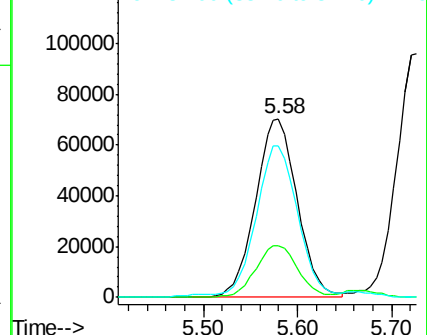
56 100

69 29.0 23.7 35.5

84 83.3 64.1 96.1



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: 47.828 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

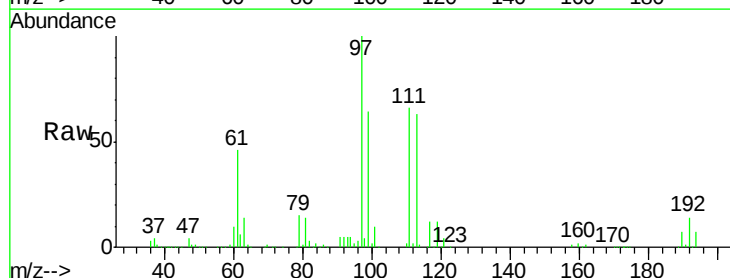
Tgt Ion: 97 Resp: 215575

Ion Ratio Lower Upper

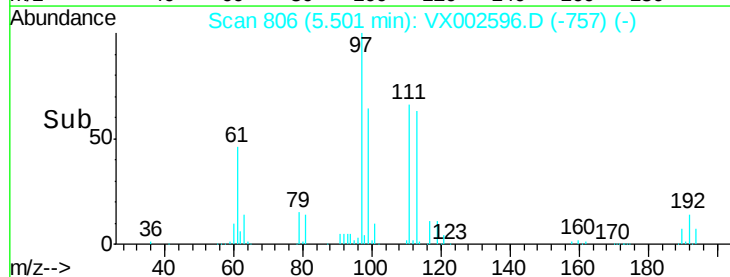
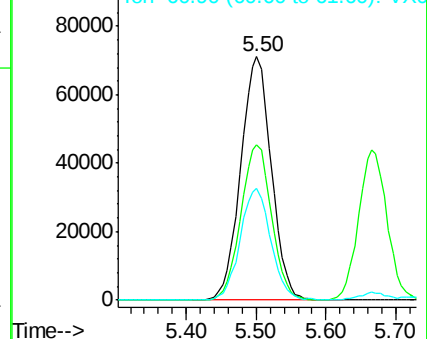
97 100

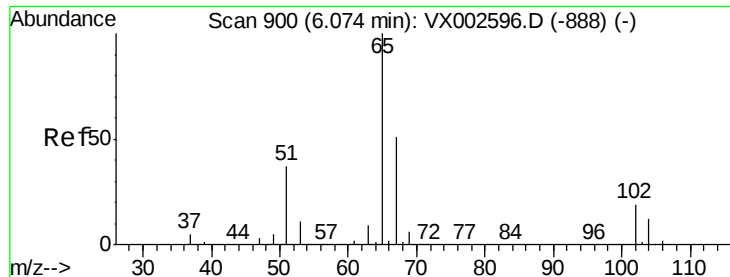
99 64.3 51.6 77.4

61 46.2 36.4 54.6



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: 46.081 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

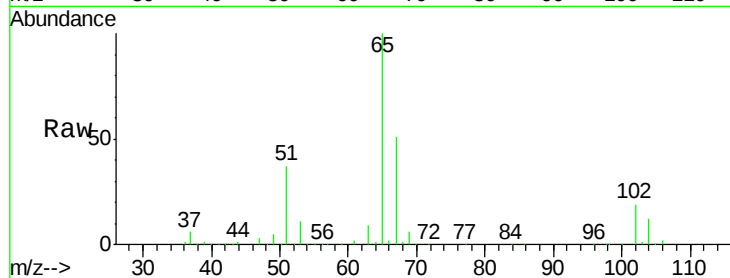
VSTDICCC050

Tgt Ion: 65 Resp: 172890

Ion Ratio Lower Upper

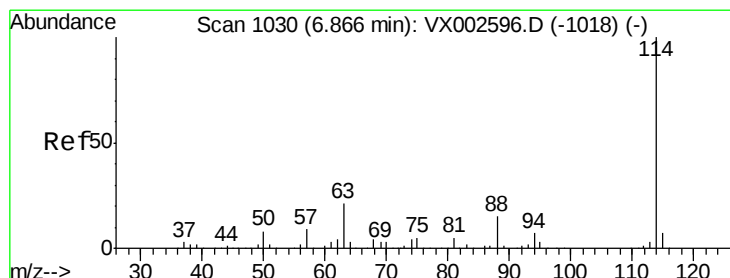
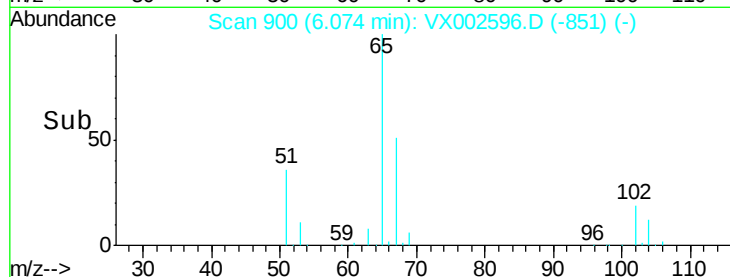
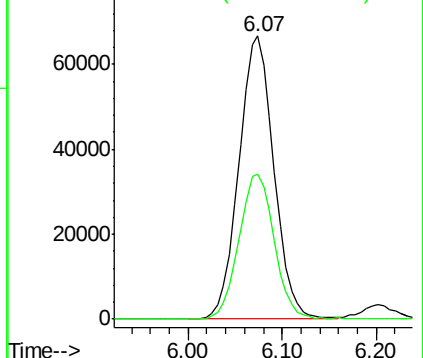
65 100

67 51.7 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

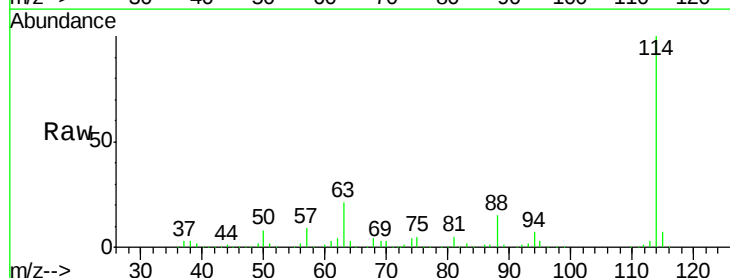
Tgt Ion: 114 Resp: 349148

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

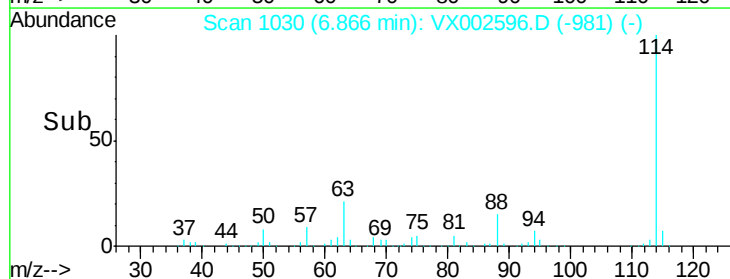
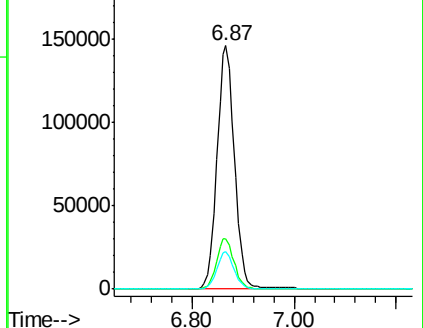
88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.126 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

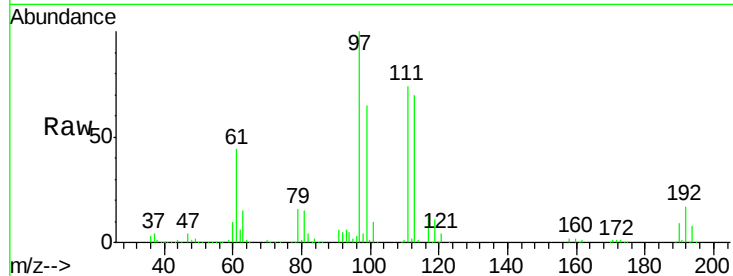
Tgt Ion:113 Resp: 134887

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

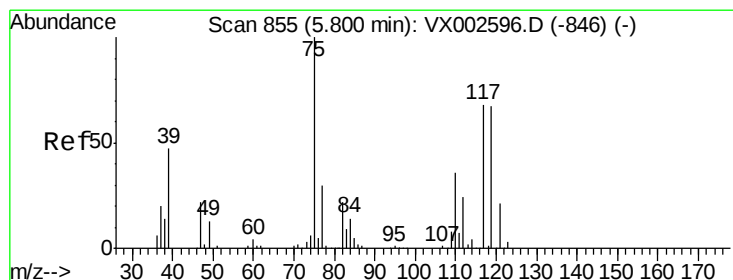
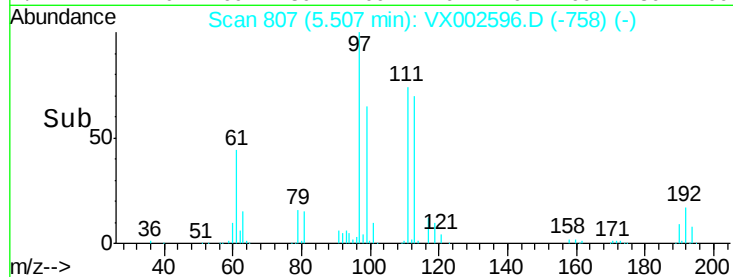
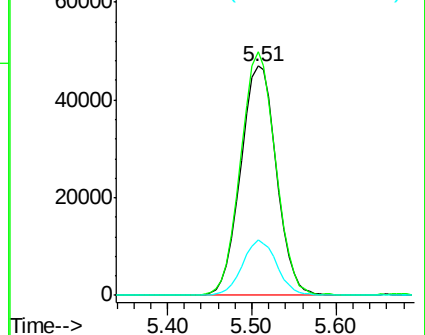
192 23.3 19.1 28.7



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: 50.203 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

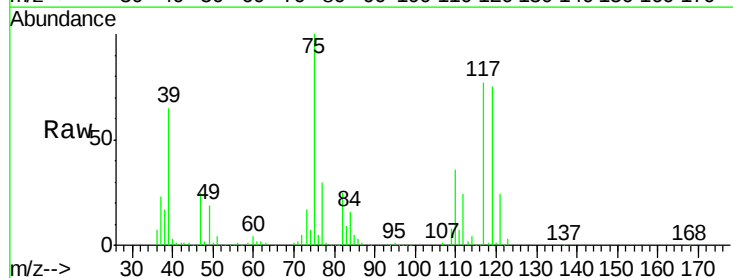
Tgt Ion: 75 Resp: 184274

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

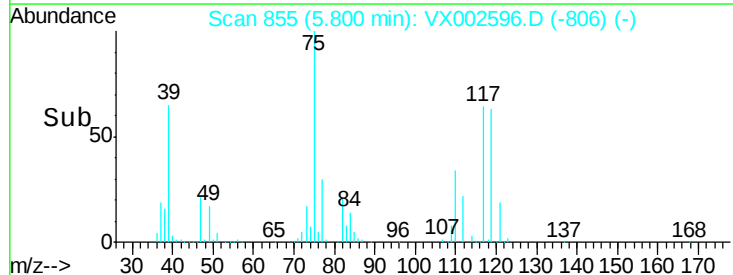
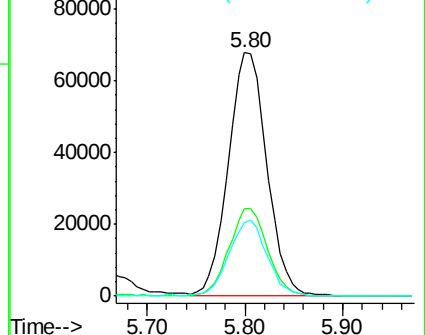
77 30.9 24.3 36.5

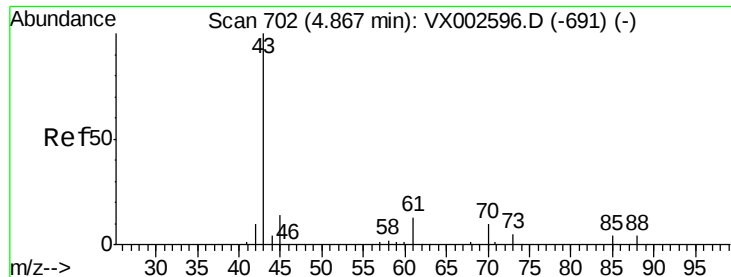


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.052 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

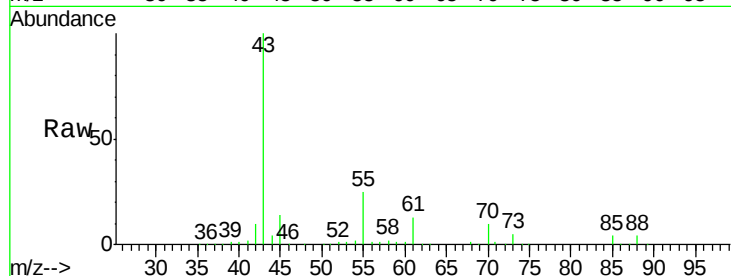
Tgt Ion: 43 Resp: 203282

Ion Ratio Lower Upper

43 100

61 13.1 10.4 15.6

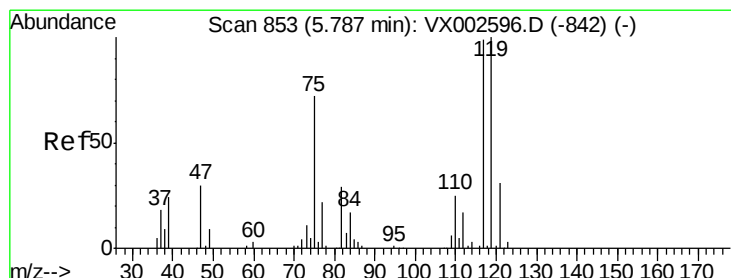
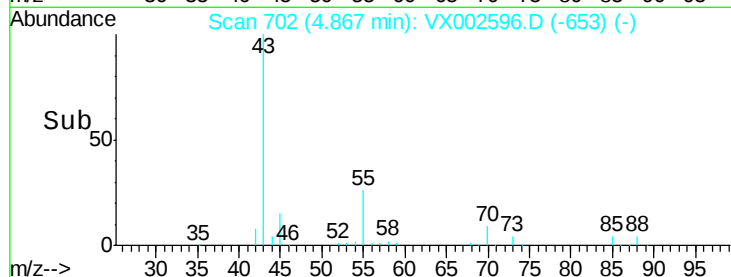
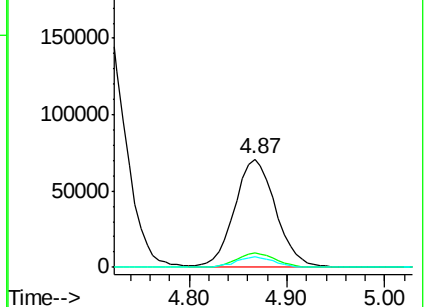
70 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002596.D (-691) (-)

Ion 60.90 (60.60 to 61.60): VX002596.D (-691) (-)

Ion 70.00 (69.70 to 70.70): VX002596.D (-691) (-)



#38

Carbon Tetrachloride

Concen: 50.057 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

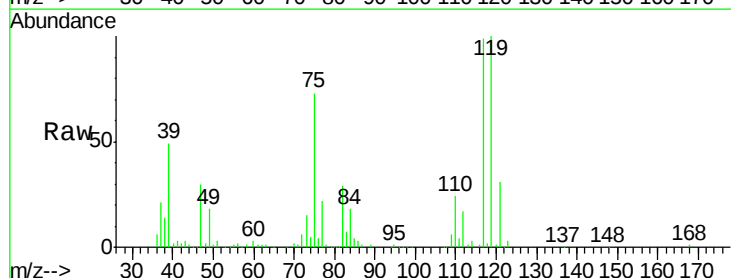
Tgt Ion: 117 Resp: 192215

Ion Ratio Lower Upper

117 100

119 100.8 77.4 116.0

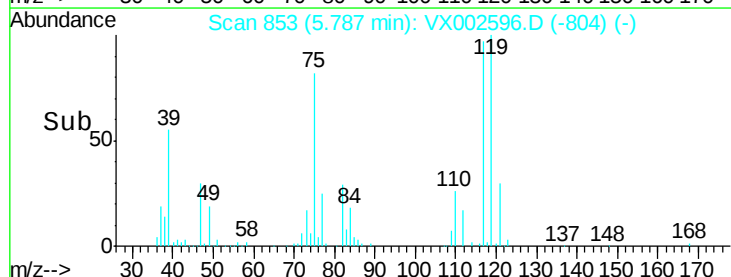
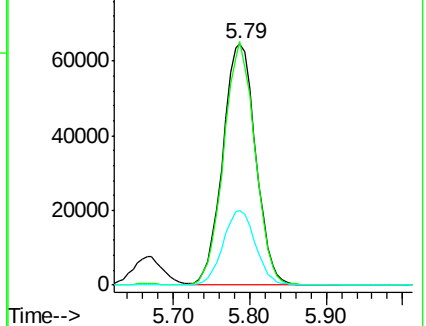
121 31.0 24.4 36.6

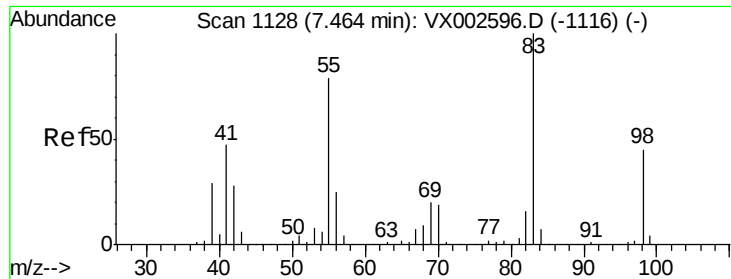


Abundance Ion 116.80 (116.50 to 117.50): VX002596.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX002596.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002596.D (-842) (-)

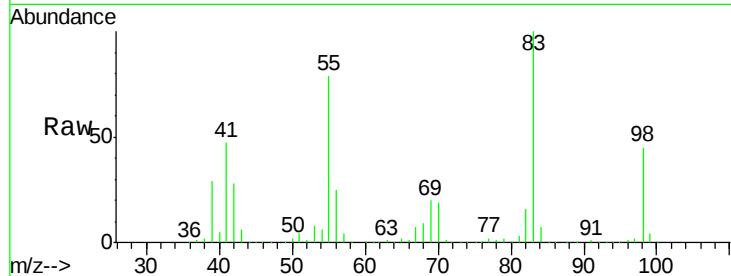




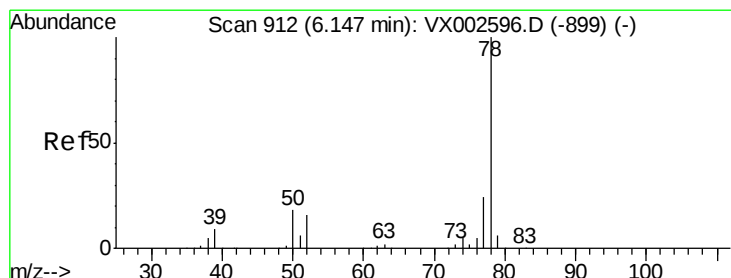
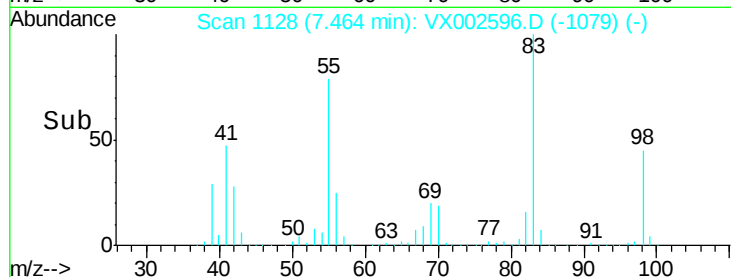
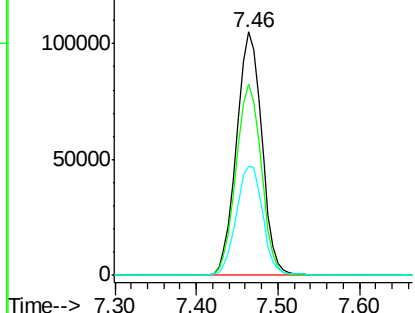
#39
Methylcyclohexane
Concen: 53.858 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 225310
Ion Ratio Lower Upper
83 100
55 78.7 65.4 98.0
98 45.1 37.4 56.0

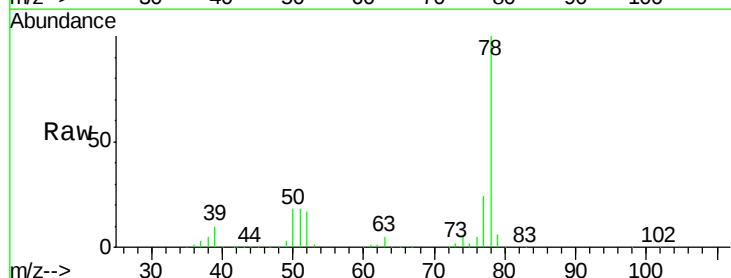


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

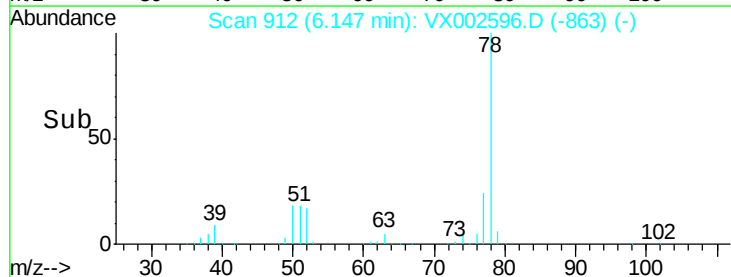
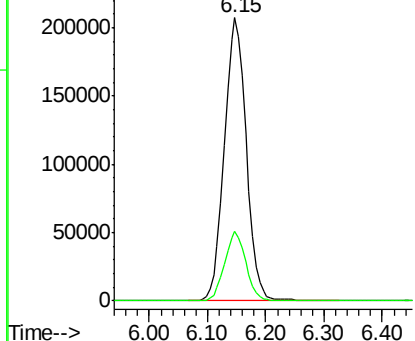


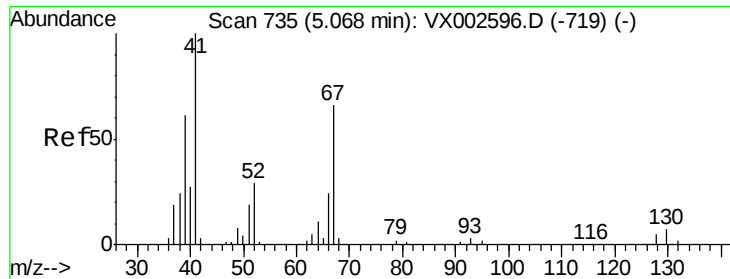
#40
Benzene
Concen: 48.261 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion: 78 Resp: 543158
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7



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

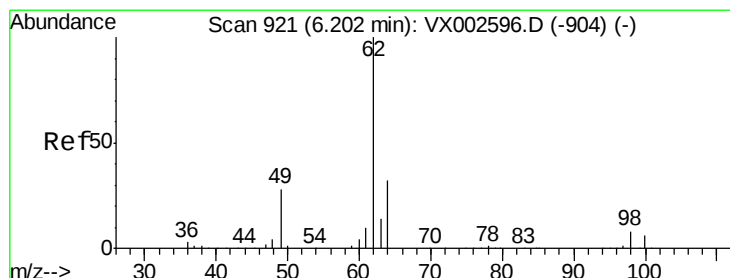
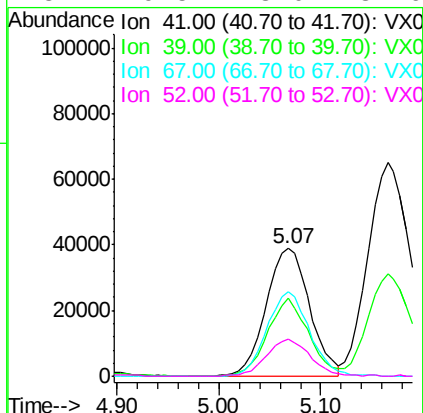
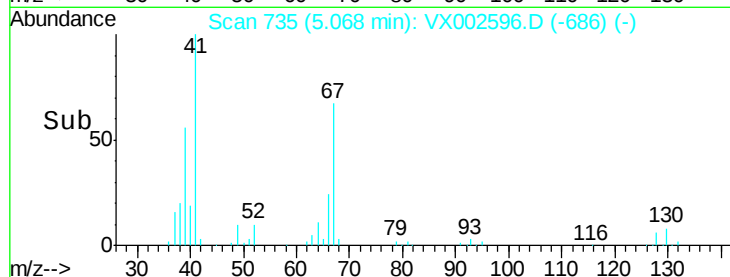
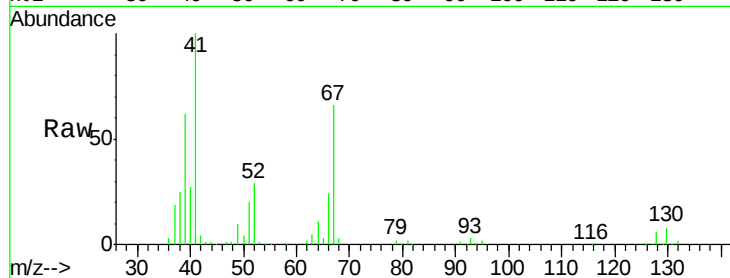




#41
Methacrylonitrile
Concen: 45.387 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

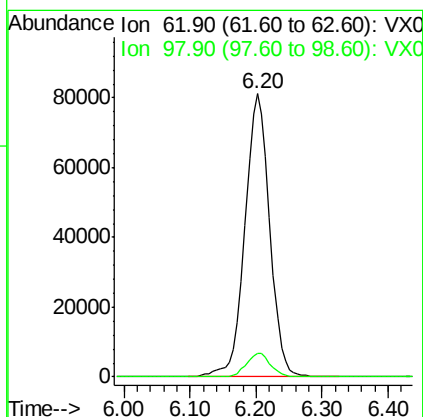
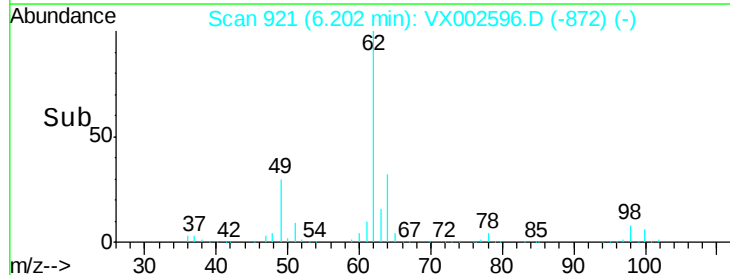
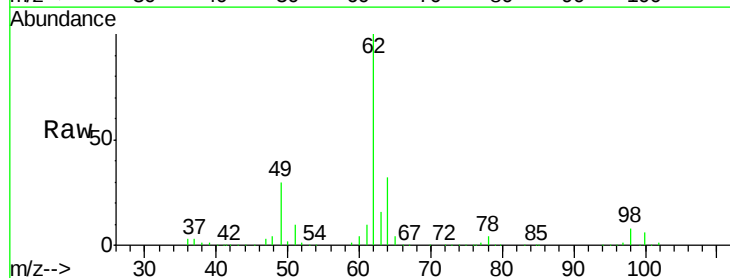
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

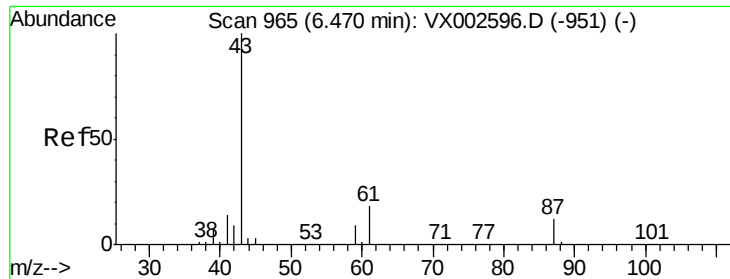
Tgt Ion:	41	Resp:	114691
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.8	68.6
67	65.4	51.3	76.9
52	29.5	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.129 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion:	62	Resp:	210739
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 45.845 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

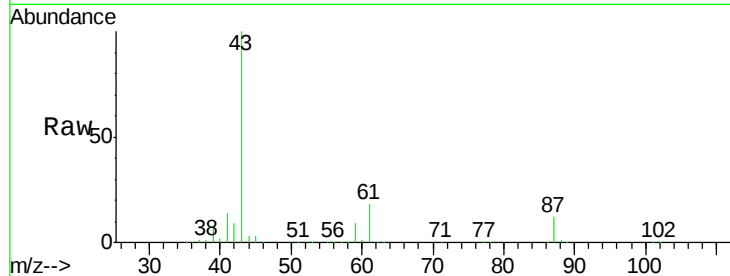
Tgt Ion: 43 Resp: 343730

Ion Ratio Lower Upper

43 100

61 17.9 14.4 21.6

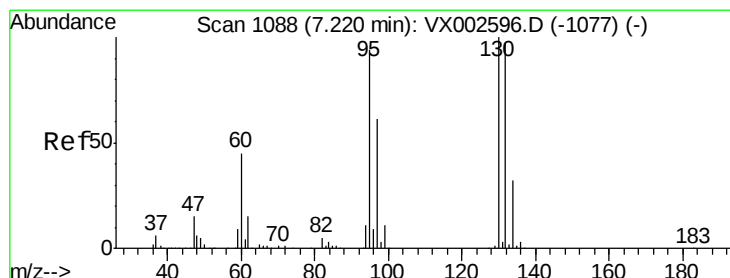
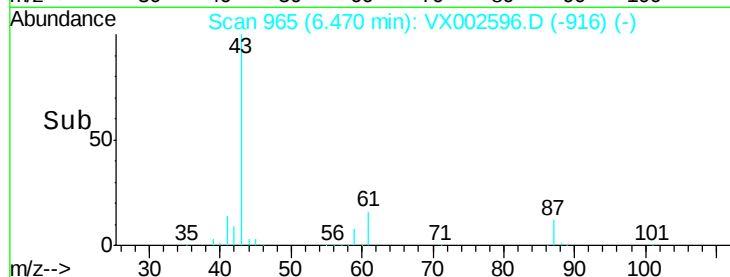
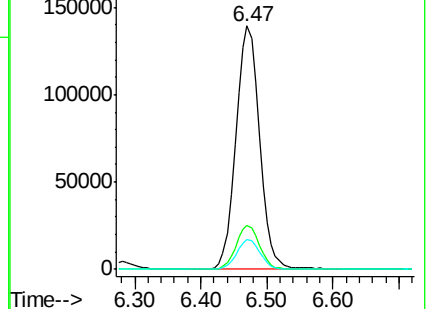
87 12.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.724 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002596.D

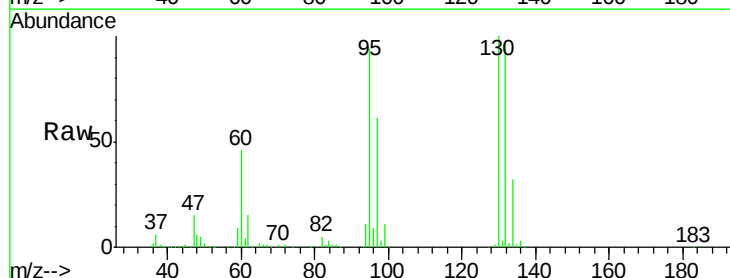
Acq: 15 Jun 2018 12:55

Tgt Ion: 130 Resp: 158438

Ion Ratio Lower Upper

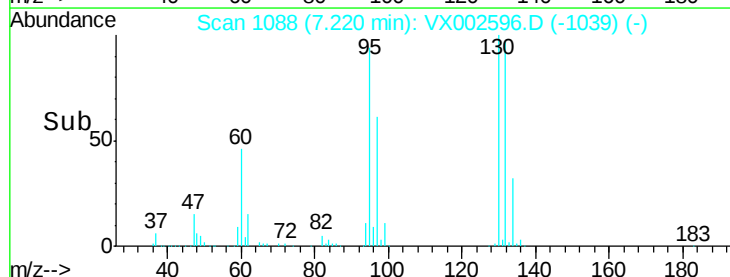
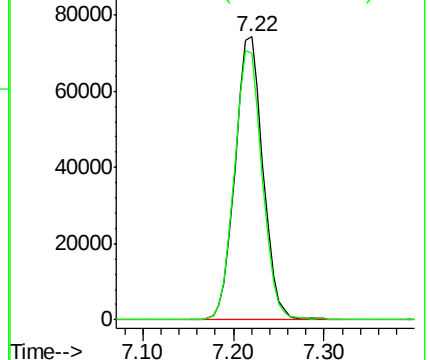
130 100

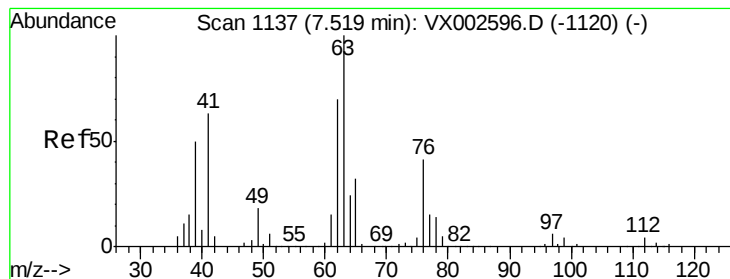
95 94.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.105 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

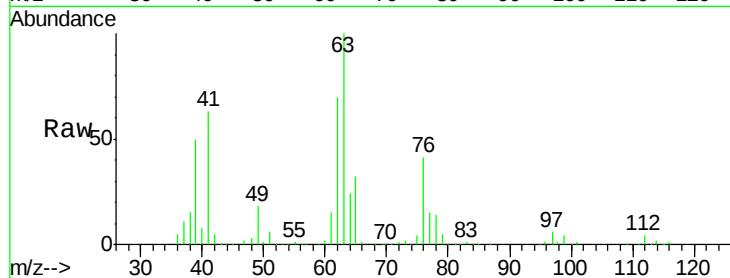
VSTDICCC050

Tgt Ion: 63 Resp: 143120

Ion Ratio Lower Upper

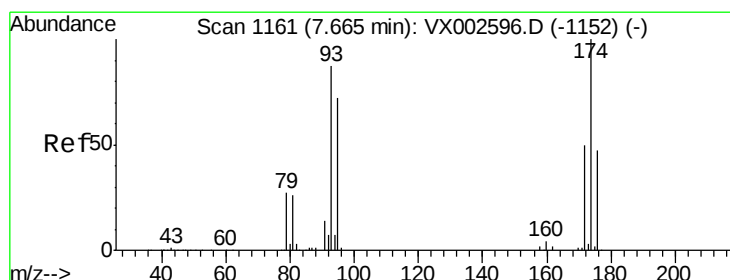
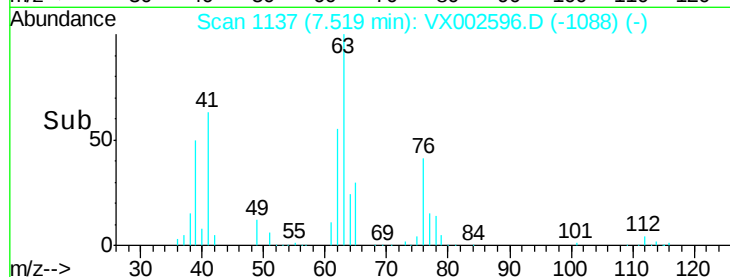
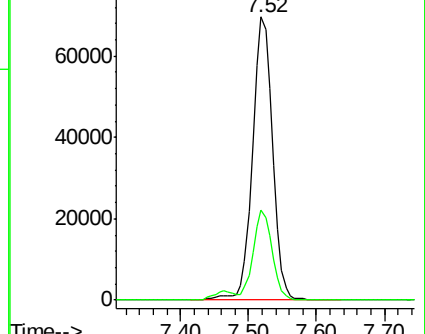
63 100

65 32.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.883 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

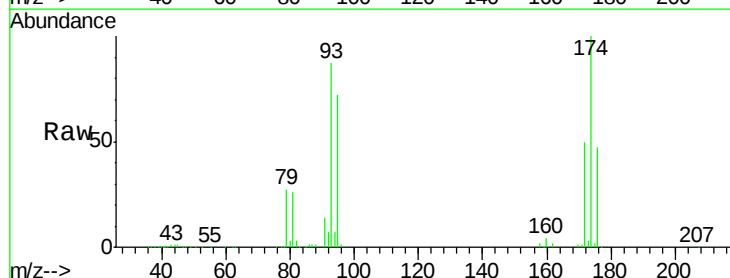
Tgt Ion: 93 Resp: 96565

Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

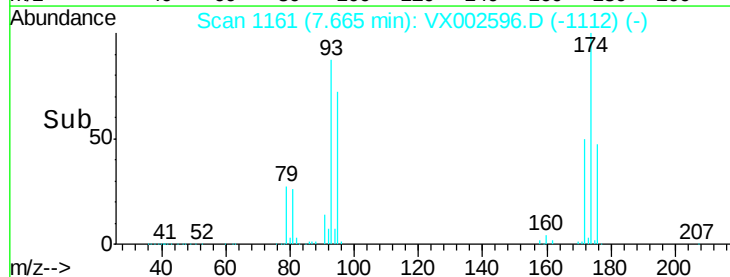
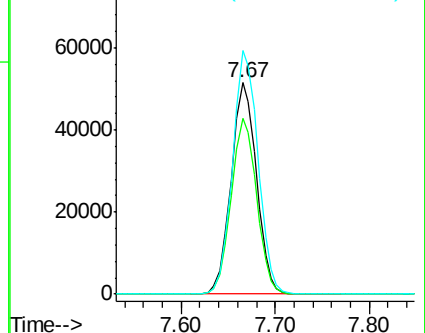
174 115.7 92.4 138.6

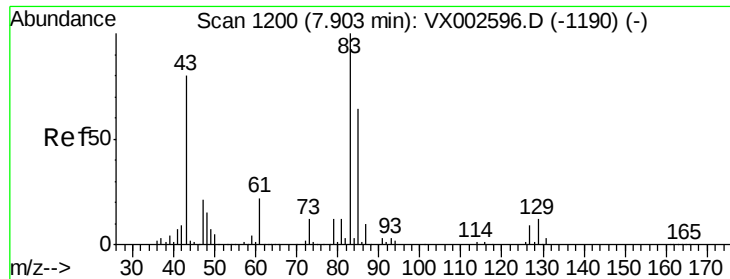


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.768 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

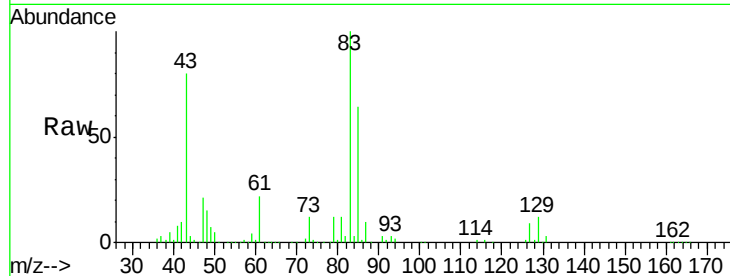
Tgt Ion: 83 Resp: 177943

Ion Ratio Lower Upper

83 100

85 64.3 50.3 75.5

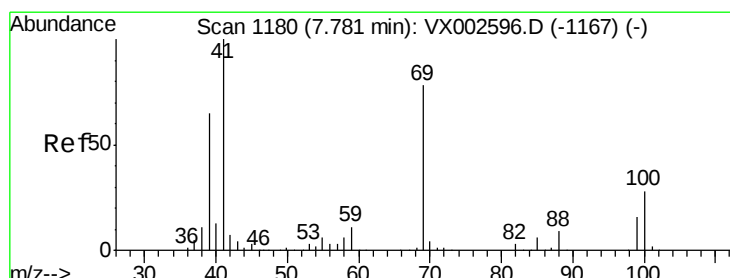
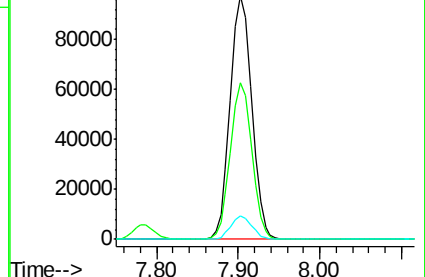
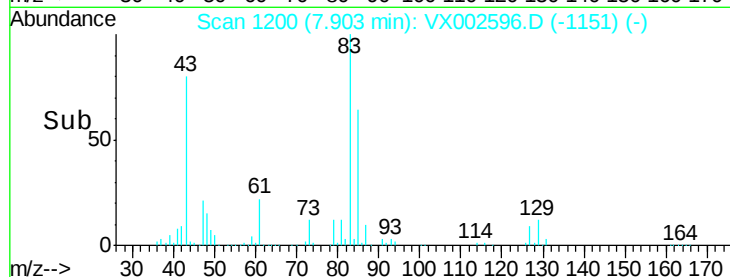
127 9.5 7.0 10.4



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: 46.240 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

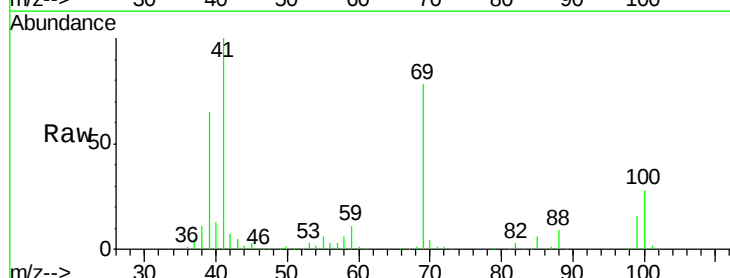
Tgt Ion: 41 Resp: 174147

Ion Ratio Lower Upper

41 100

69 76.8 59.1 88.7

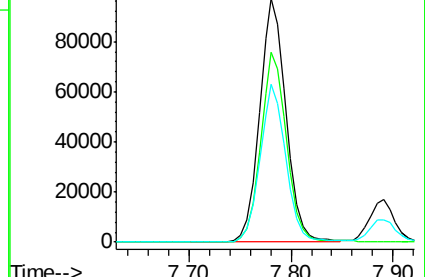
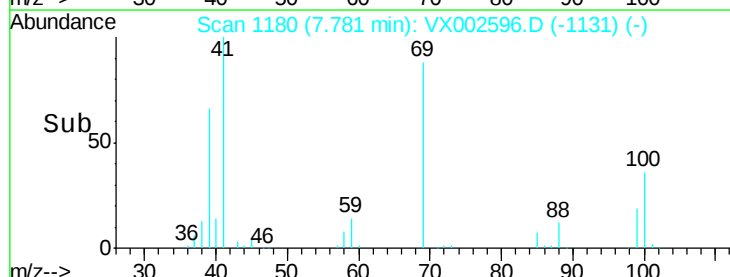
39 63.4 48.9 73.3

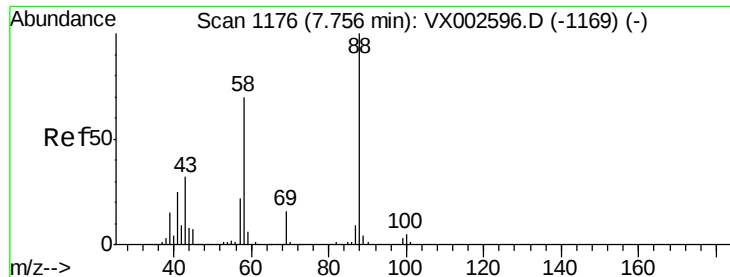


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

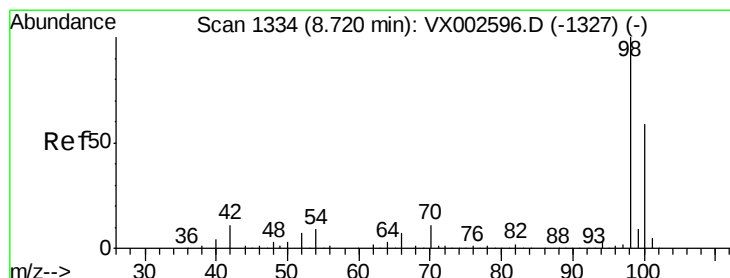
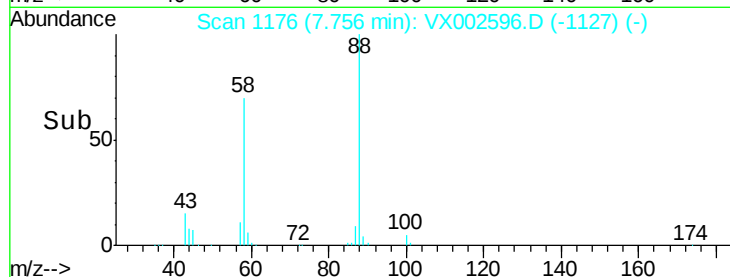
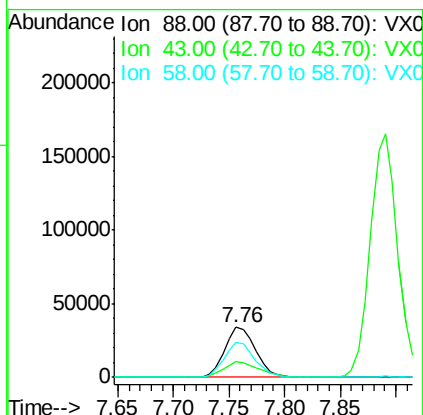
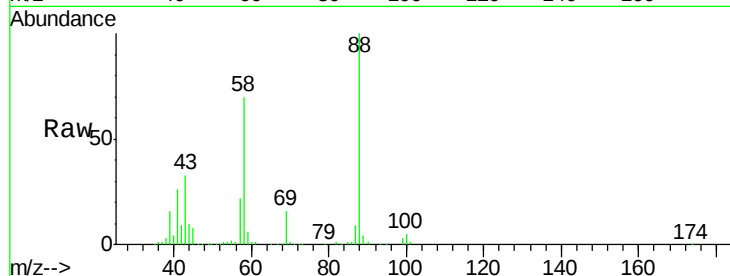




#49
1,4-Dioxane
Concen: 925.506 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

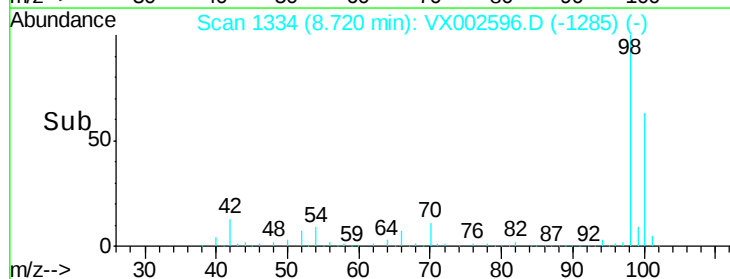
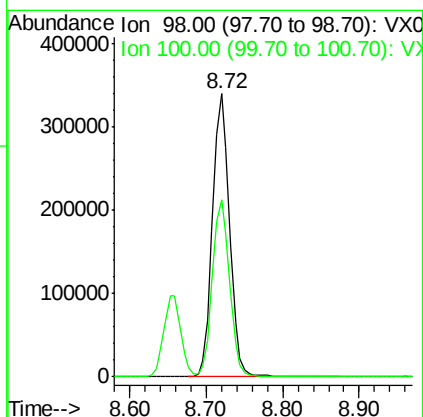
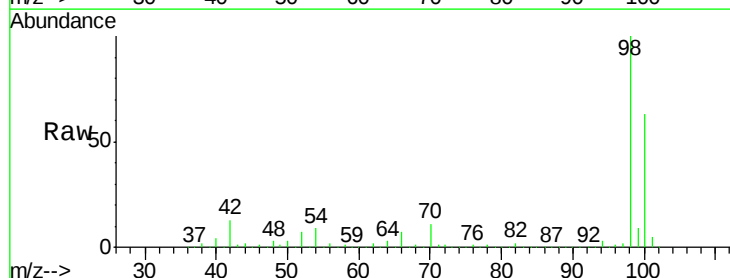
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 65172
Ion Ratio Lower Upper
88 100
43 35.1 29.8 44.6
58 69.8 57.1 85.7



#50
Toluene-d8
Concen: 50.048 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion: 98 Resp: 526714
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

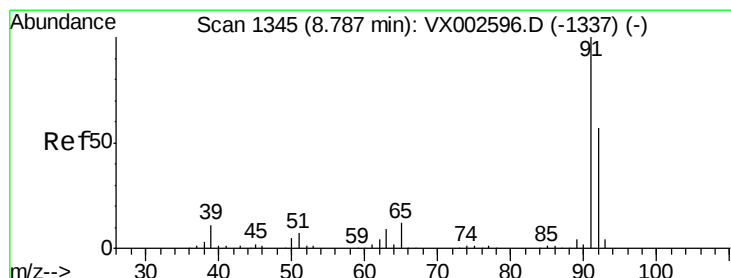
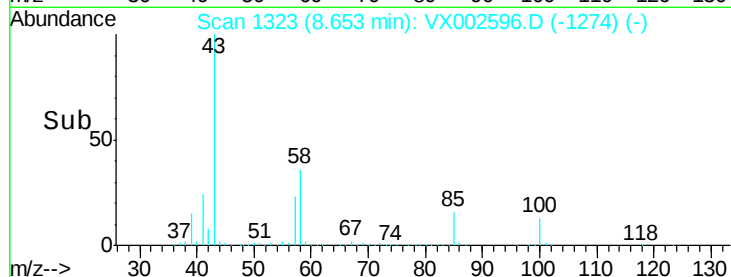
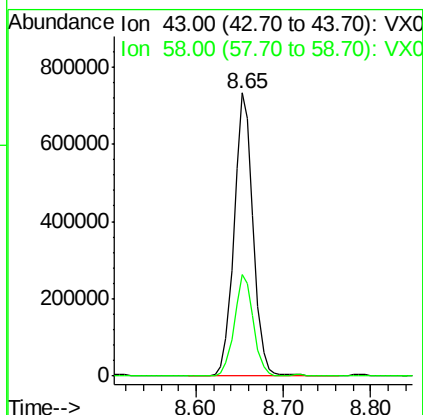
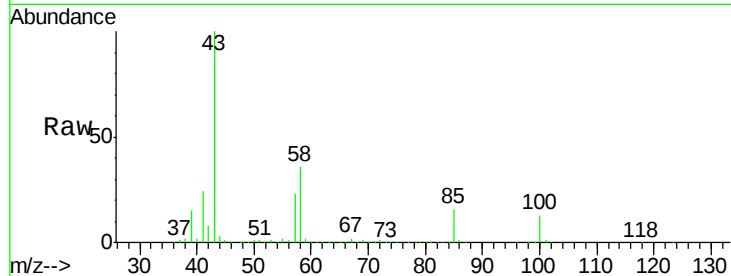




#51
4-Methyl-2-Pentanone
Concen: 238.210 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

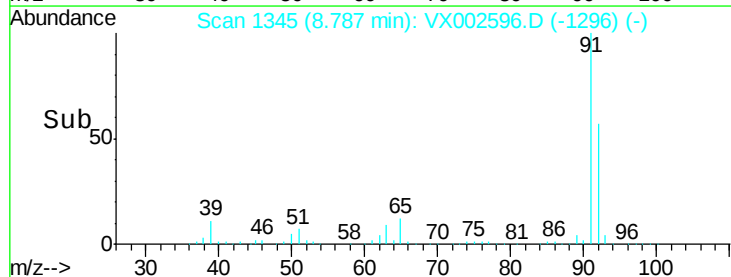
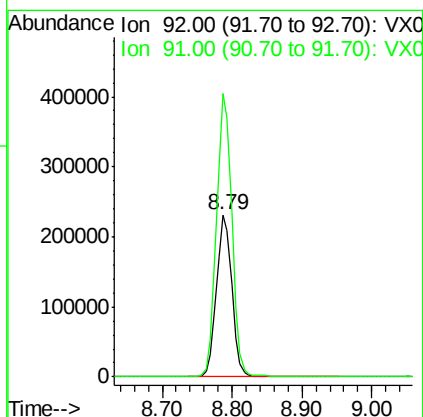
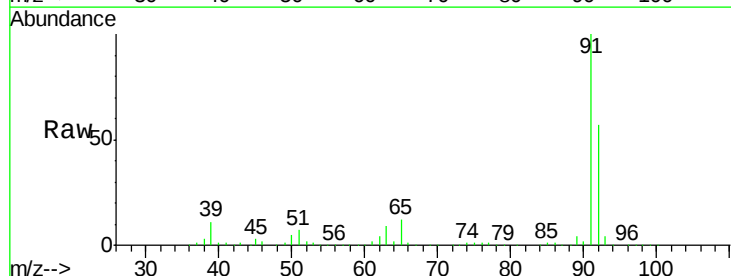
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1112231
Ion Ratio Lower Upper
43 100
58 35.9 28.6 42.8



#52
Toluene
Concen: 49.559 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion: 92 Resp: 354746
Ion Ratio Lower Upper
92 100
91 175.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 48.560 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

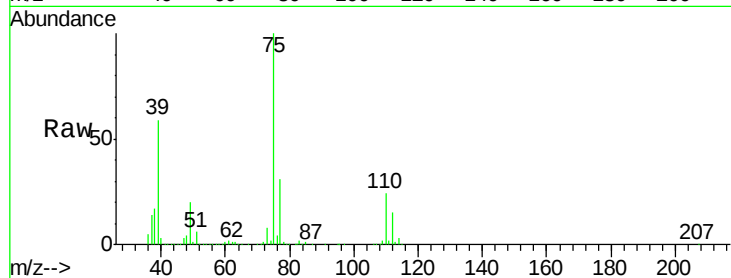
VSTDICCC050

Tgt Ion: 75 Resp: 216931

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

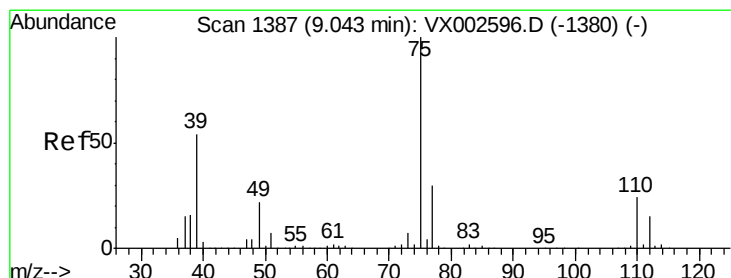
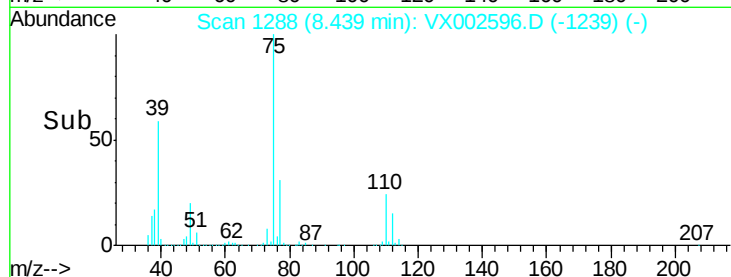
150000

100000

50000

0

Time--> 8.30 8.40 8.50



#54

cis-1,3-Dichloropropene

Concen: 47.887 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

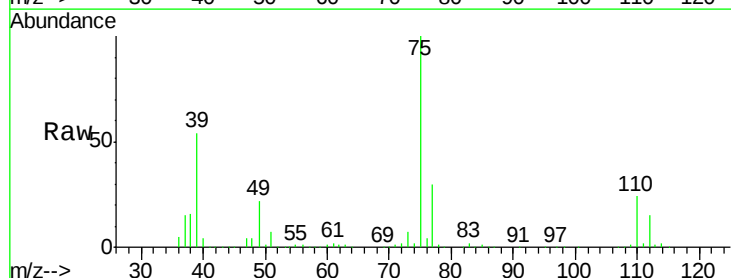
Tgt Ion: 75 Resp: 201826

Ion Ratio Lower Upper

75 100

77 30.1 24.8 37.2

39 53.6 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

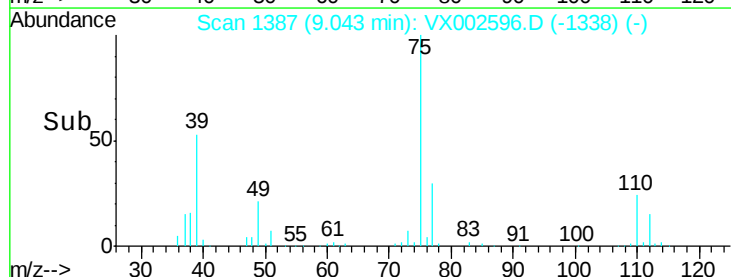
150000

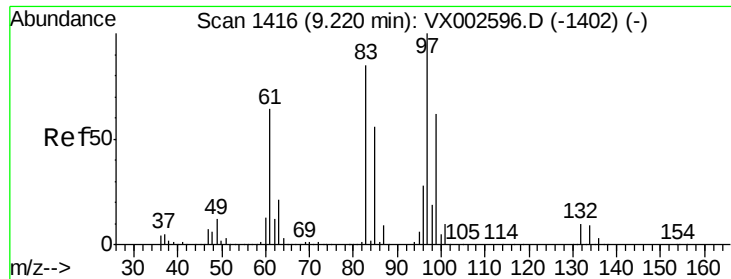
100000

50000

0

Time--> 9.00 9.10

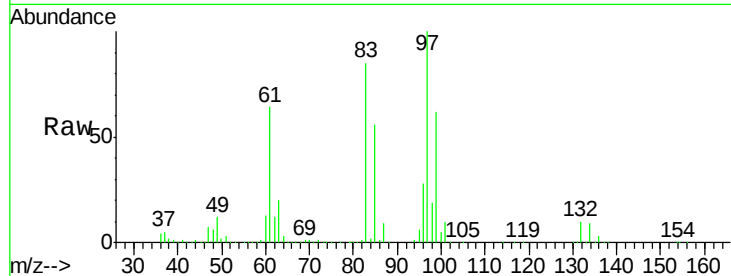




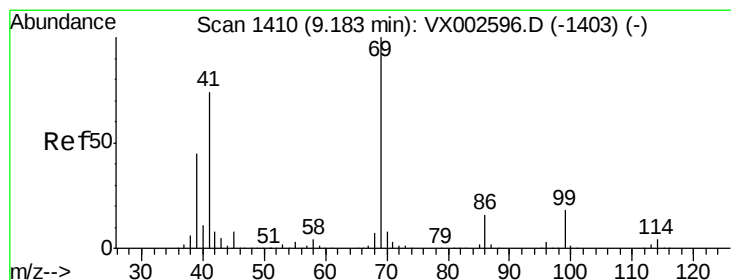
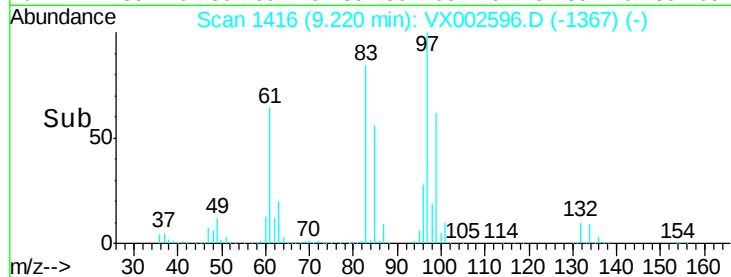
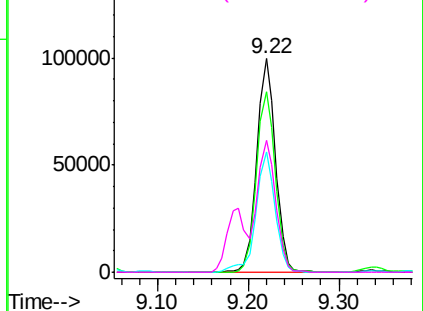
#55
 1,1,2-Trichloroethane
 Concen: 48.426 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 142568
 Ion Ratio Lower Upper
 97 100
 83 84.5 70.2 105.2
 85 56.3 44.9 67.3
 99 61.6 49.8 74.8

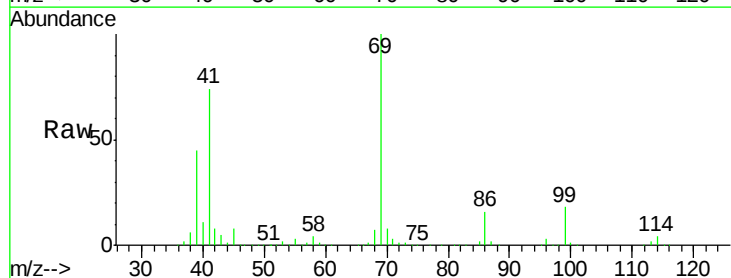


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

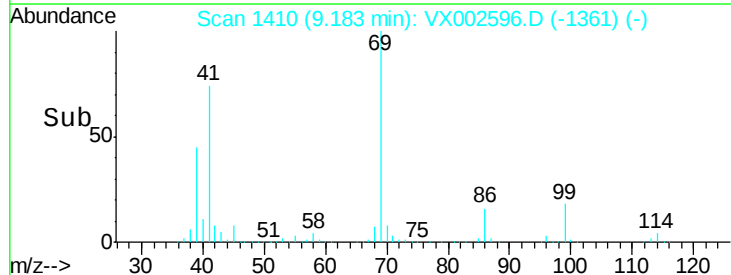
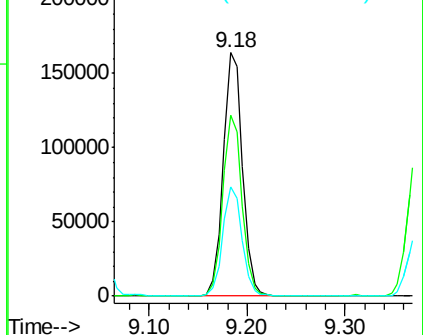


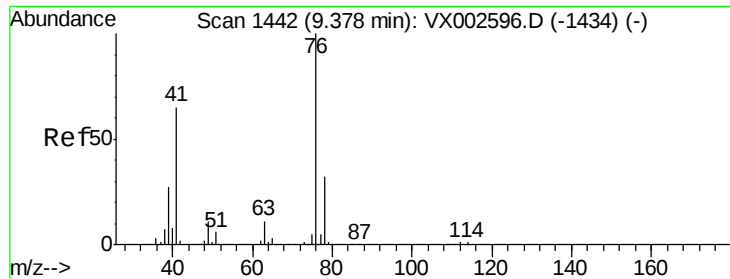
#56
 Ethyl methacrylate
 Concen: 47.740 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion: 69 Resp: 224391
 Ion Ratio Lower Upper
 69 100
 41 73.7 60.3 90.5
 39 45.0 35.8 53.8



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





#57

1,3-Dichloropropane

Concen: 47.933 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

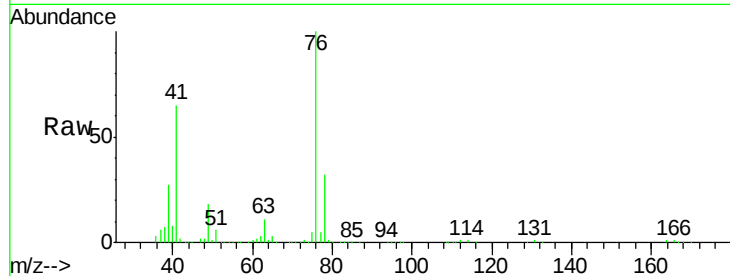
VSTDICCC050

Tgt Ion: 76 Resp: 236742

Ion Ratio Lower Upper

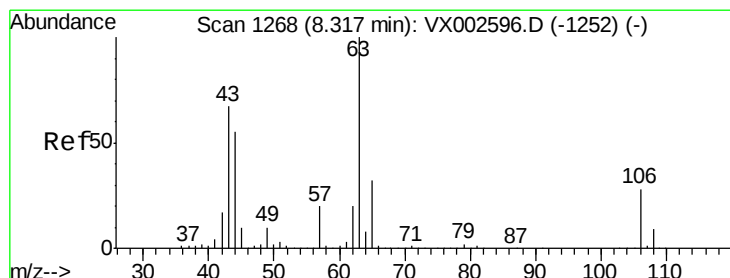
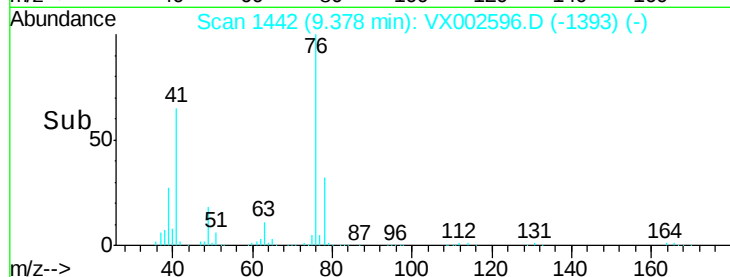
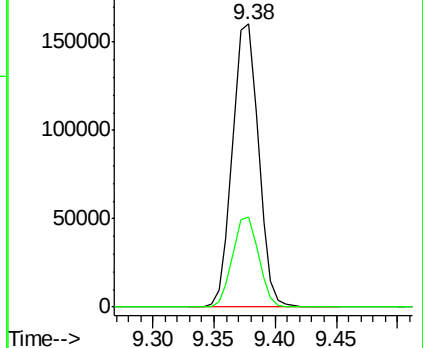
76 100

78 32.0 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: 243.688 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002596.D

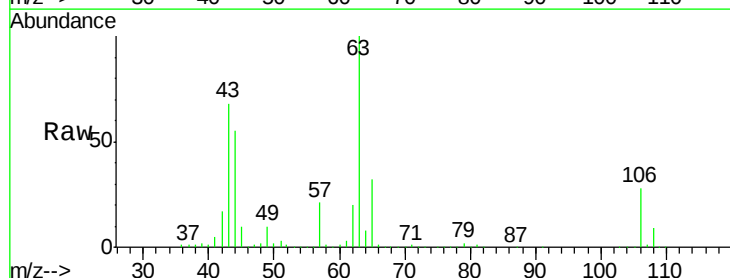
Acq: 15 Jun 2018 12:55

Tgt Ion: 63 Resp: 530131

Ion Ratio Lower Upper

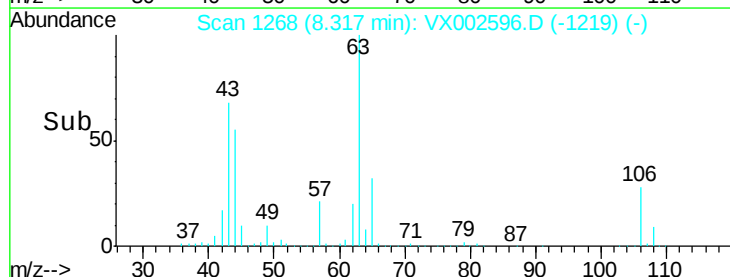
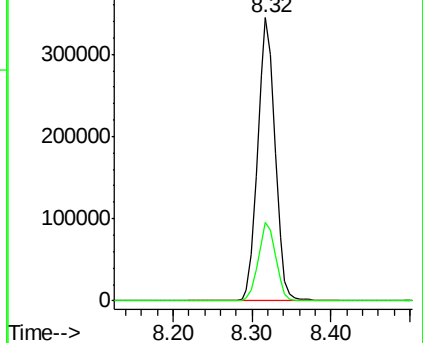
63 100

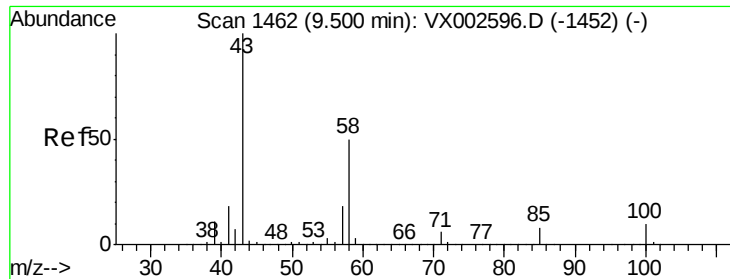
106 27.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

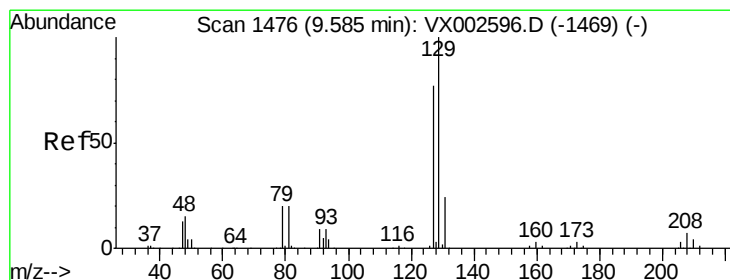
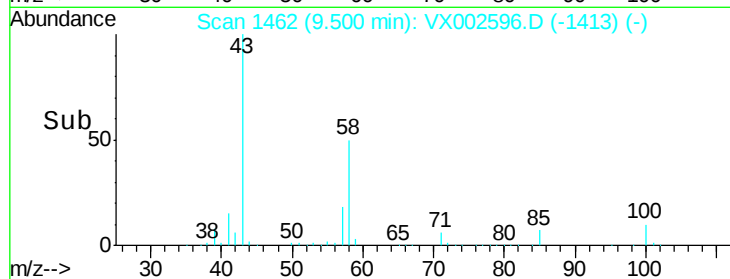
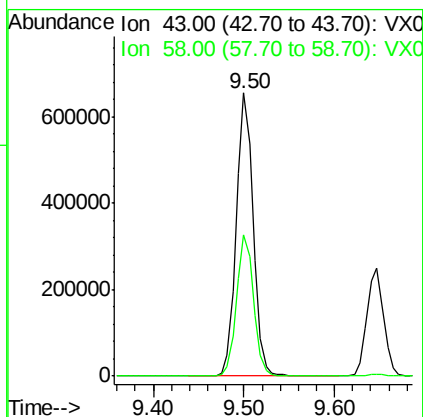
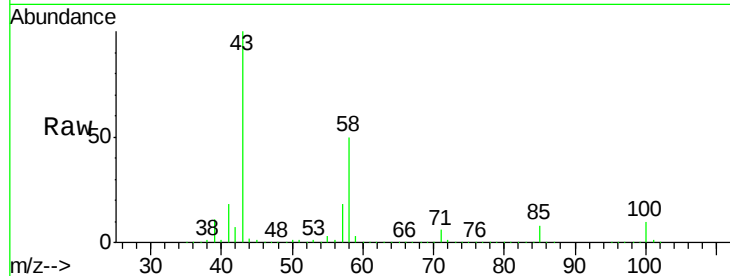




#59
2-Hexanone
Concen: 234.733 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

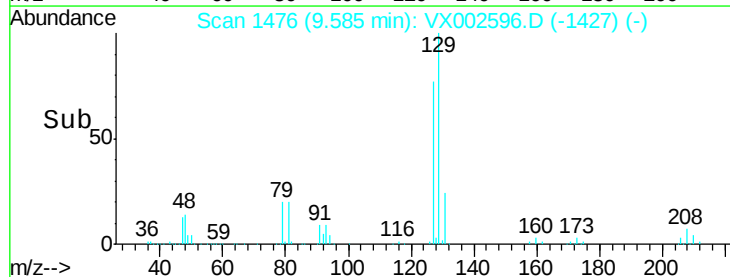
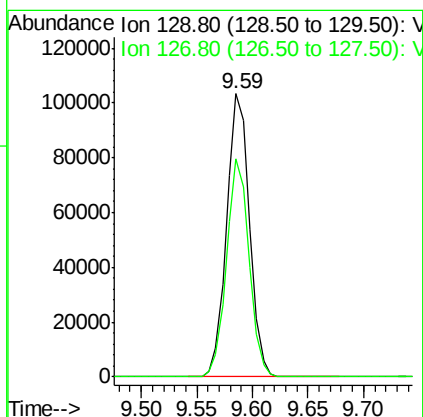
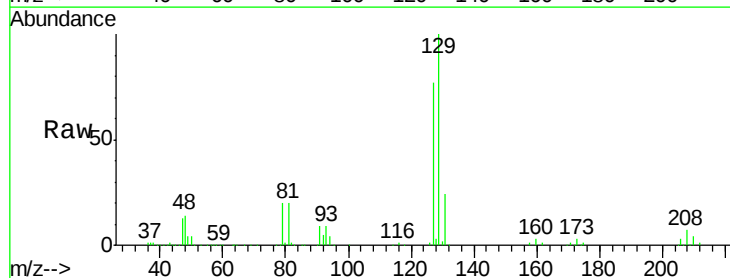
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

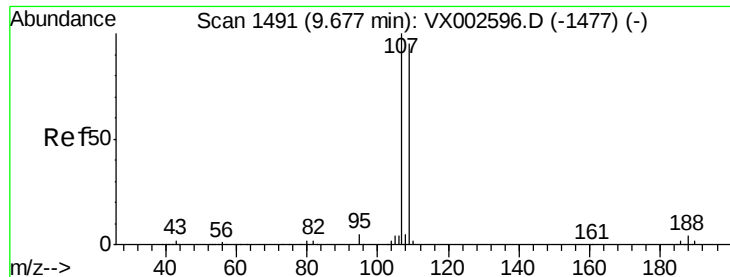
Tgt Ion: 43 Resp: 846551
Ion Ratio Lower Upper
43 100
58 50.2 24.6 73.6



#60
Dibromochloromethane
Concen: 49.418 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion: 129 Resp: 146339
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.292 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

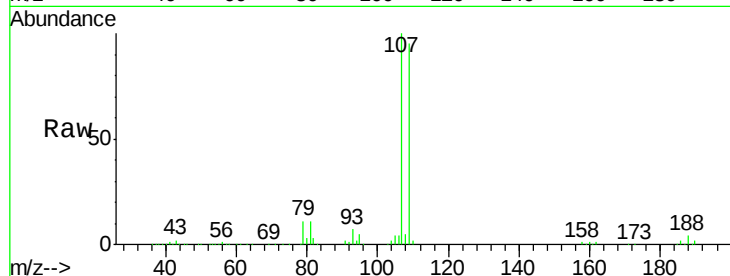
VSTDICCC050

Tgt Ion: 107 Resp: 151312

Ion Ratio Lower Upper

107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

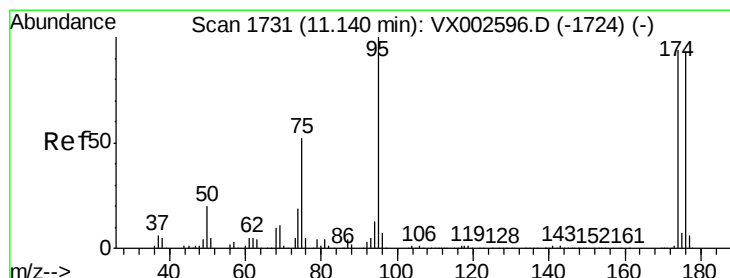
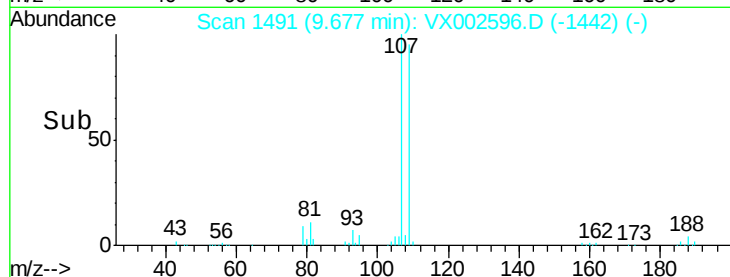
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.053 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

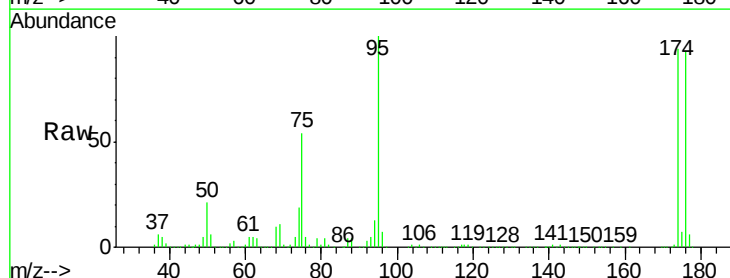
Tgt Ion: 95 Resp: 199069

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

176 94.6 0.0 181.0



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

11.14

200000

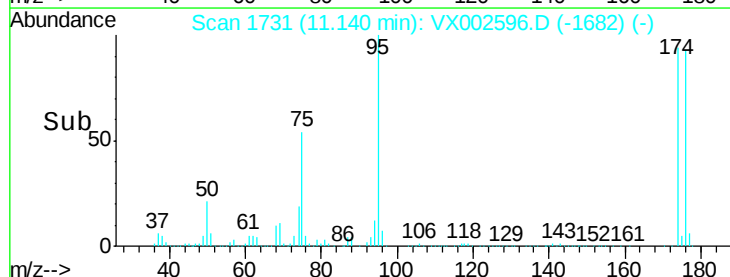
150000

100000

50000

0

Time-->

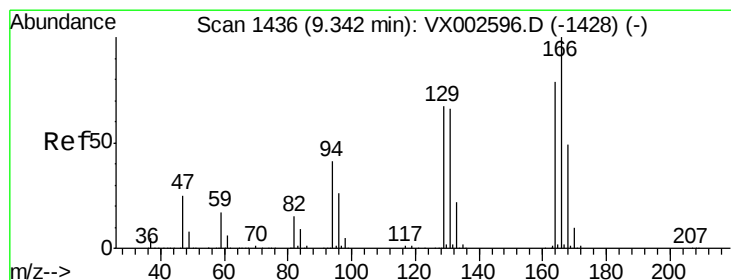
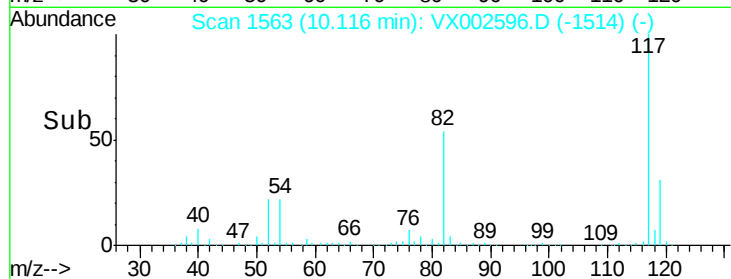
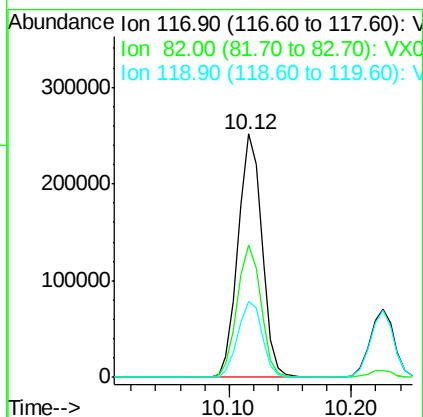
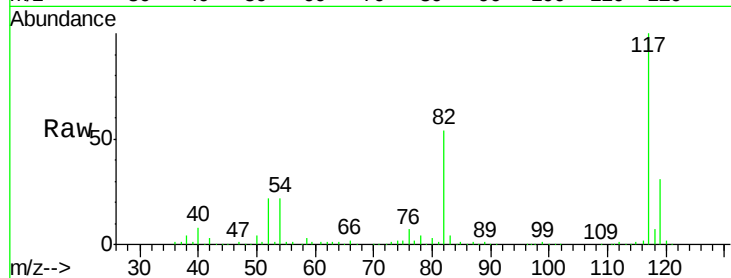




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

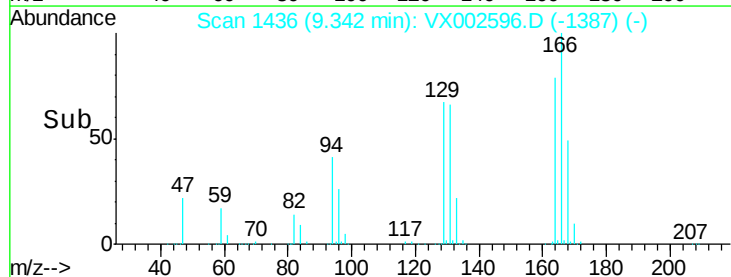
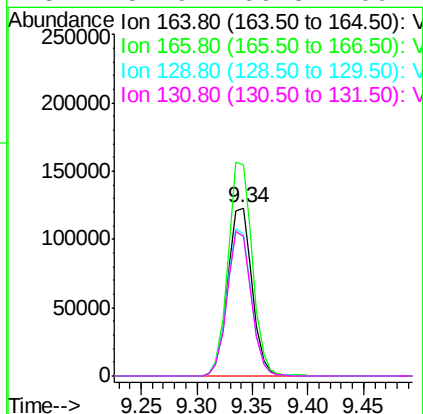
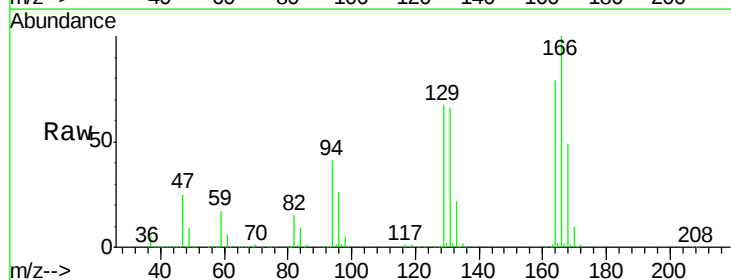
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

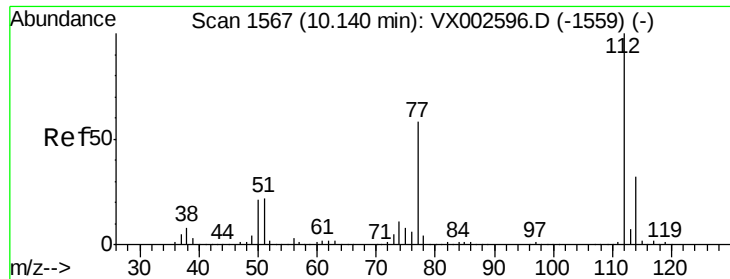
Tgt Ion:117 Resp: 338208
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 53.306 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion:164 Resp: 185933
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 84.4 68.6 102.8
131 82.9 66.8 100.2

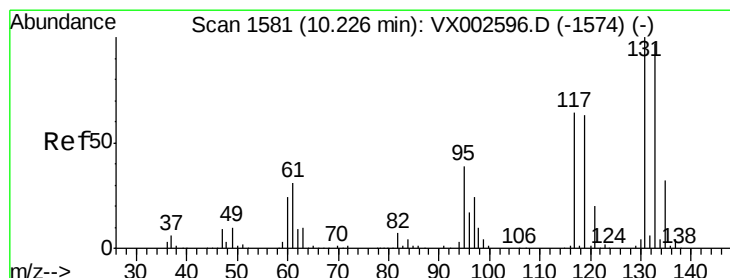
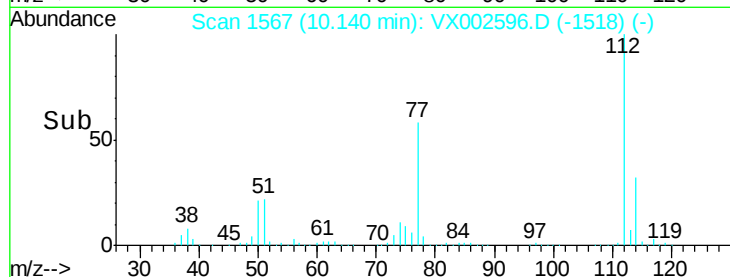
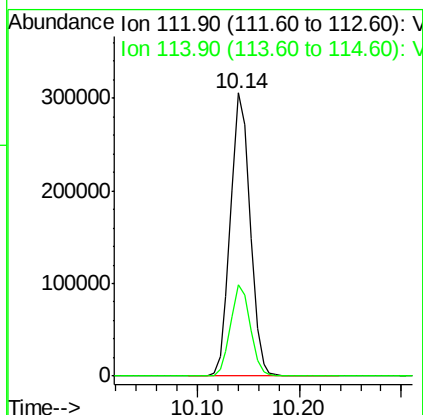
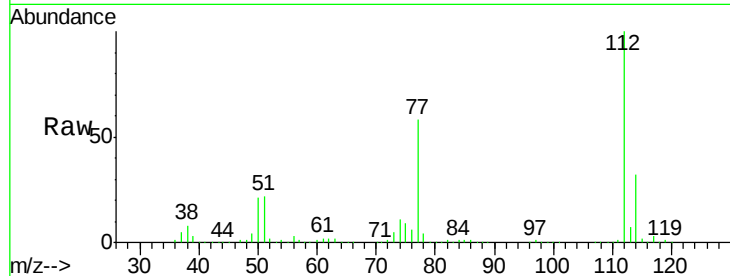




#65
Chlorobenzene
Concen: 48.323 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

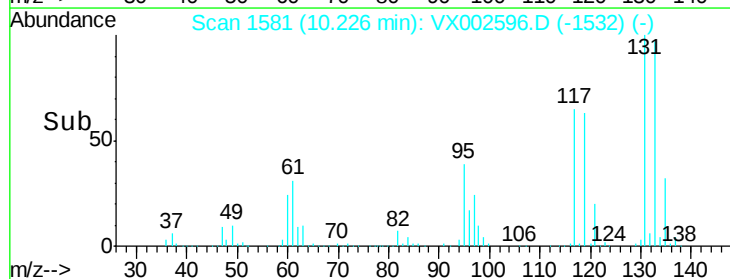
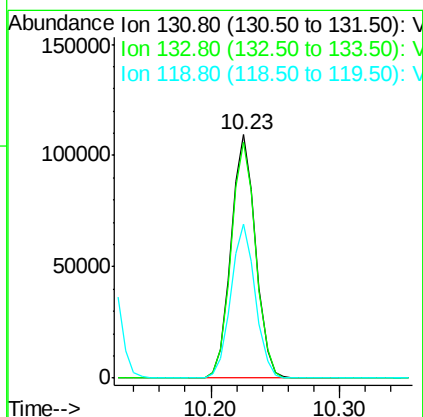
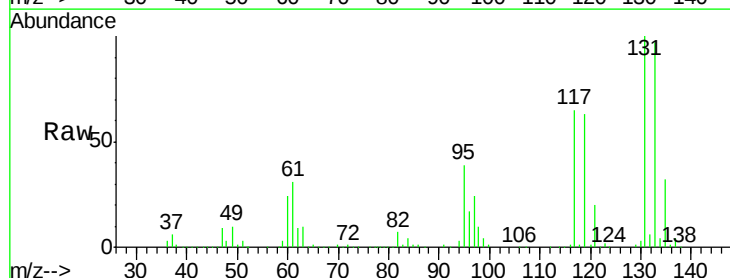
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

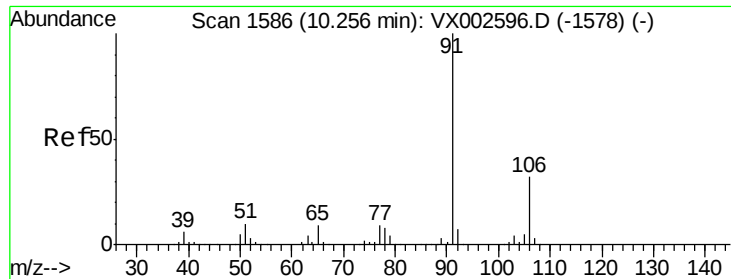
Tgt Ion:112 Resp: 406665
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 47.824 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion:131 Resp: 145729
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.6
119 63.2 31.8 95.3

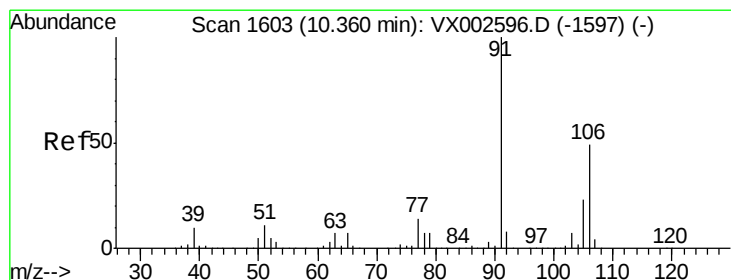
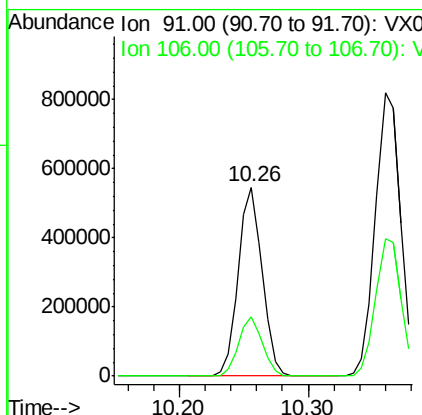
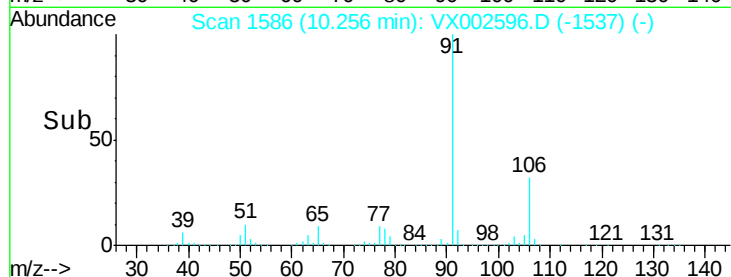
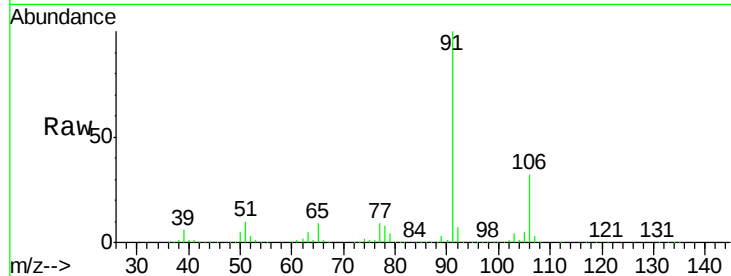




#67
 Ethyl Benzene
 Concen: 50.122 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

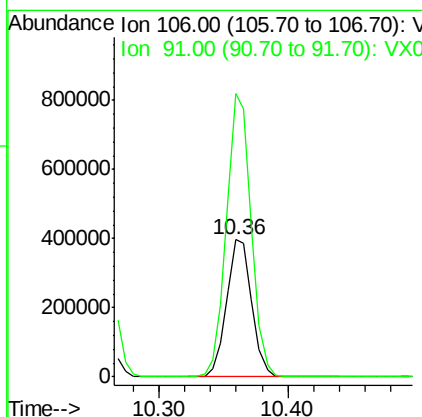
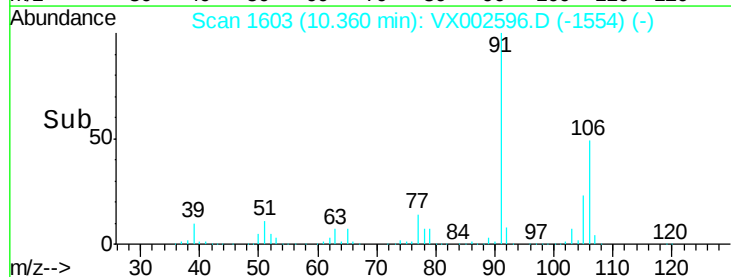
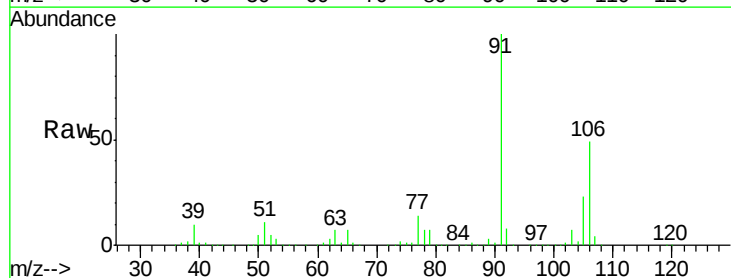
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 705895
 Ion Ratio Lower Upper
 91 100
 106 31.7 25.5 38.3



#68
 m/p-Xylenes
 Concen: 99.301 ug/l
 RT: 10.36 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion: 106 Resp: 543637
 Ion Ratio Lower Upper
 106 100
 91 203.7 163.4 245.2

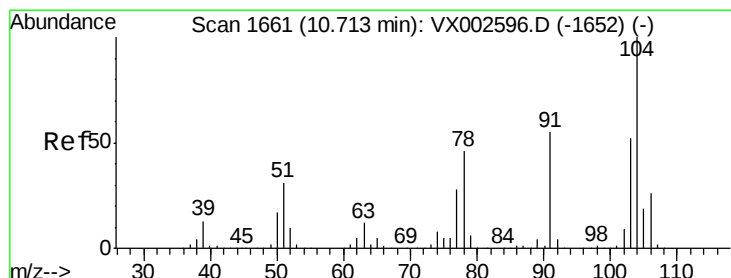
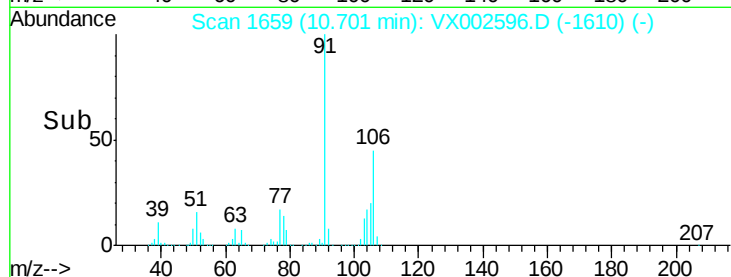
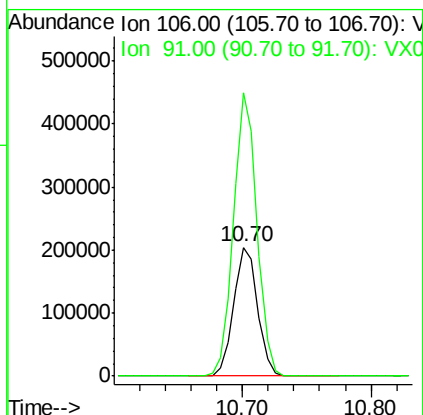
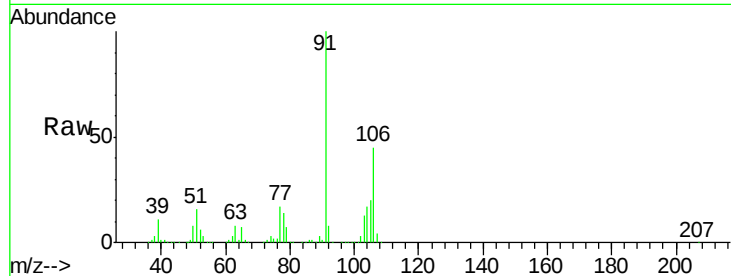




#69
o-Xylene
Concen: 48.402 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

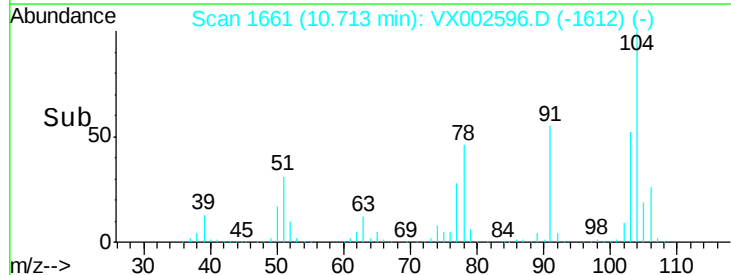
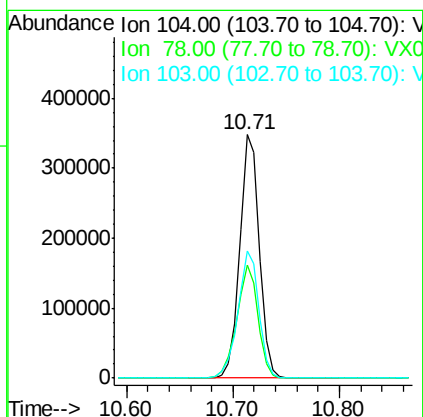
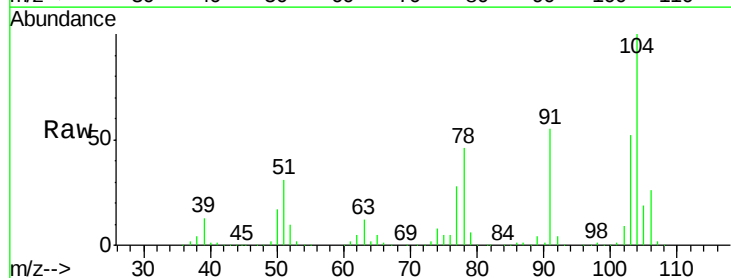
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

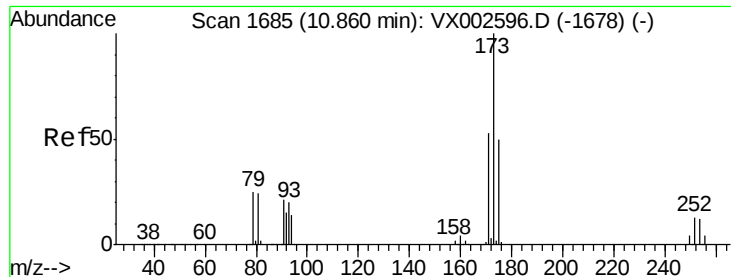
Tgt Ion:106 Resp: 263701
Ion Ratio Lower Upper
106 100
91 216.6 108.2 324.6



#70
Styrene
Concen: 50.292 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion:104 Resp: 447921
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 55.8 44.2 66.4

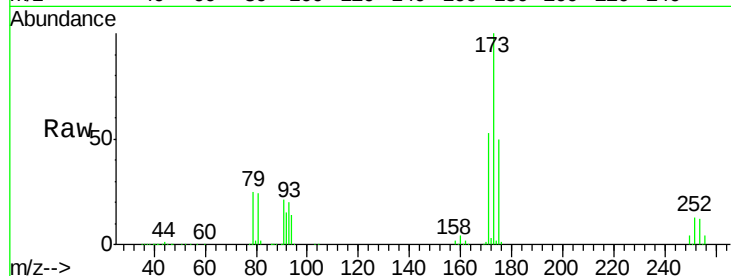




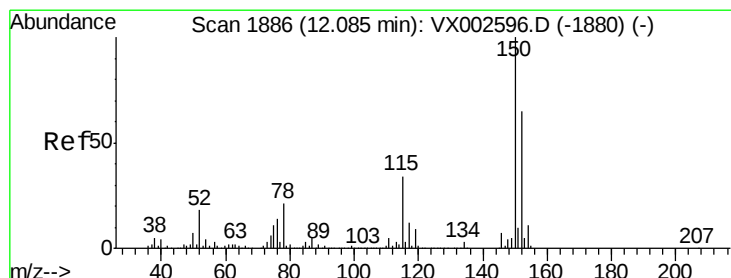
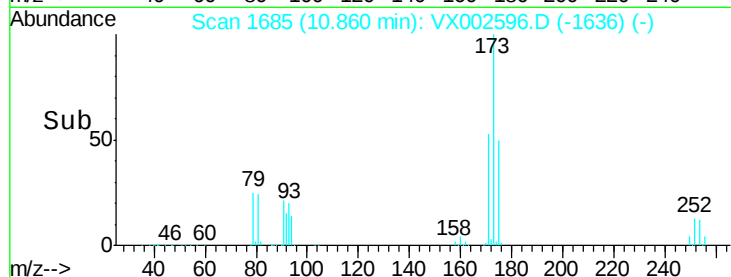
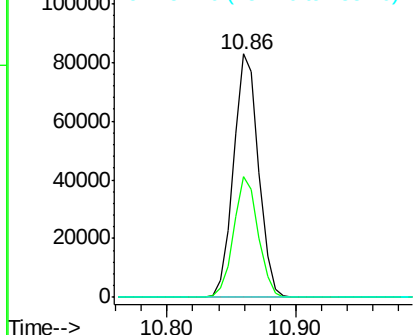
#71
Bromoform
Concen: 46.291 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 111830
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2#

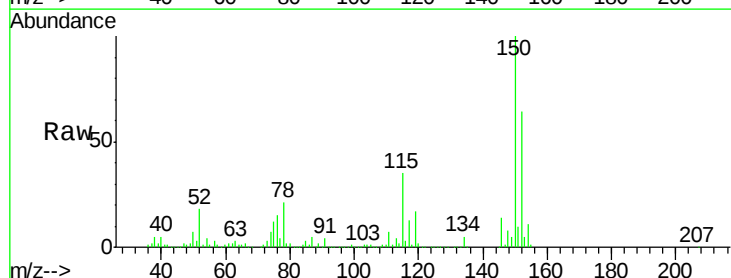


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

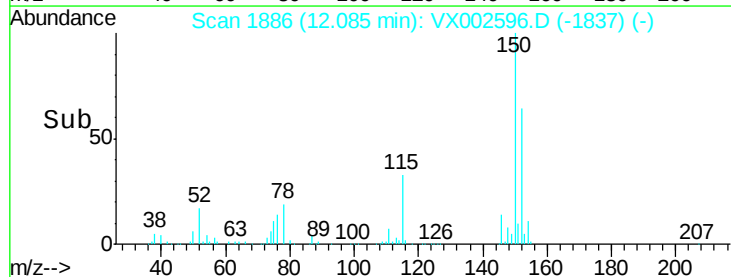
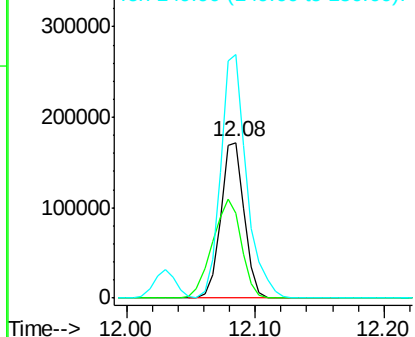


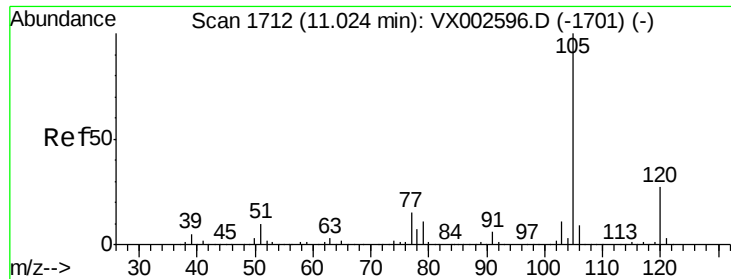
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion:152 Resp: 219300
Ion Ratio Lower Upper
152 100
115 78.5 40.1 120.2
150 173.0 0.0 347.2



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





#73

Isopropylbenzene

Concen: 47.717 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

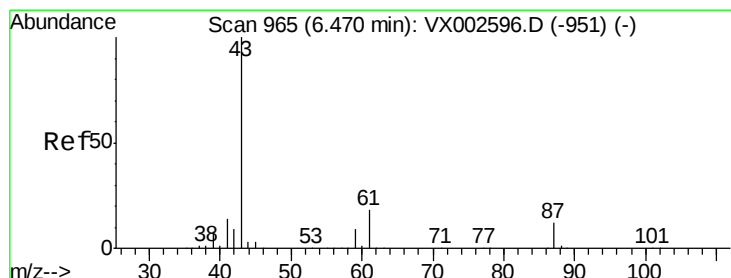
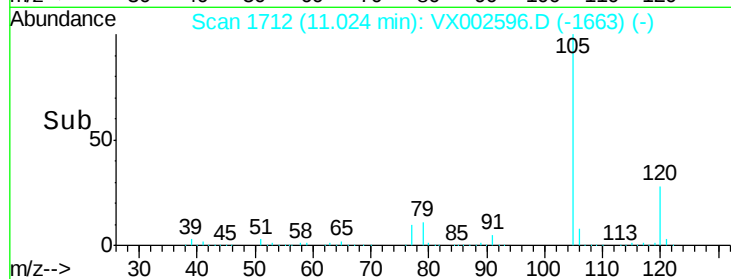
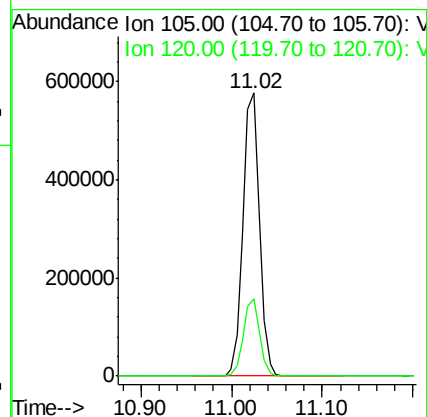
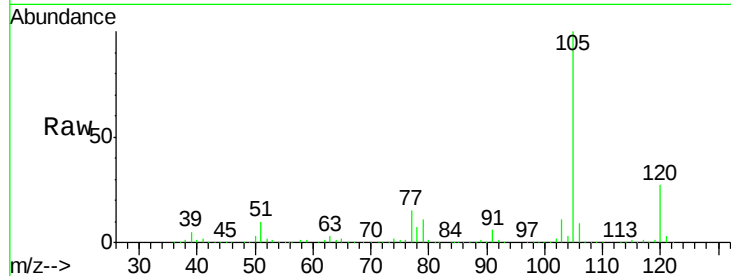
VSTDICCC050

Tgt Ion: 105 Resp: 727952

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 41.815 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Tgt Ion: 43 Resp: 343730

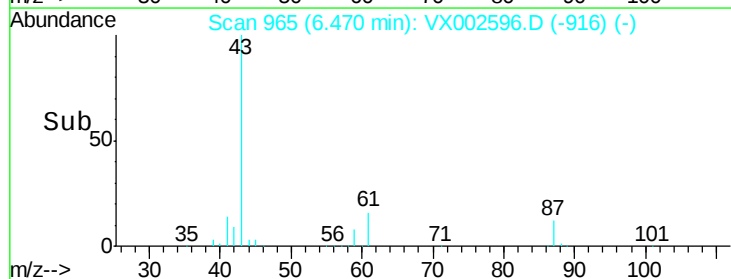
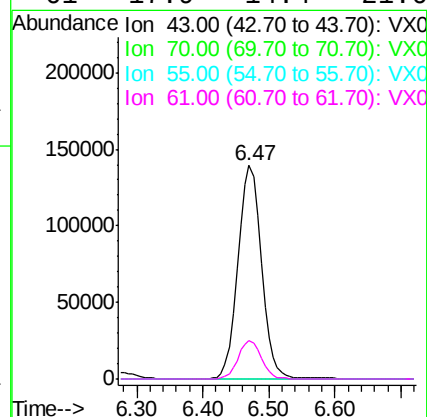
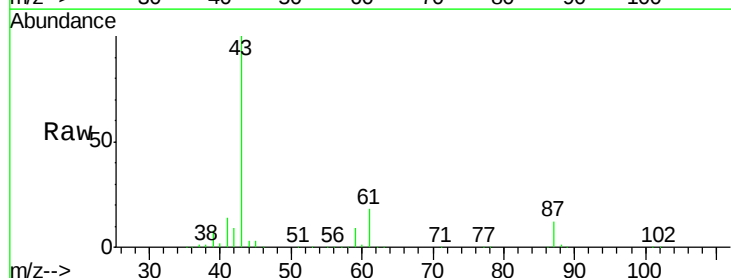
Ion Ratio Lower Upper

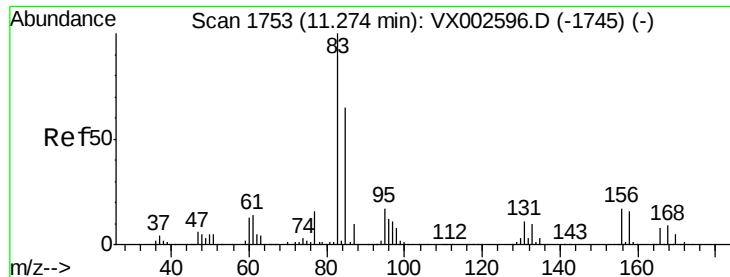
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 42.915 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

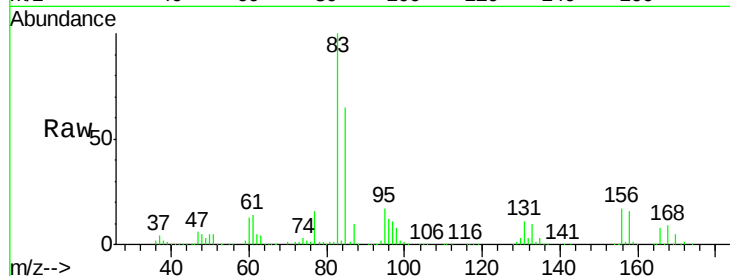
Tgt Ion: 83 Resp: 205912

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

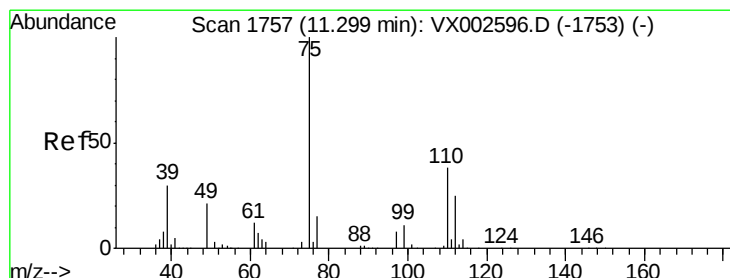
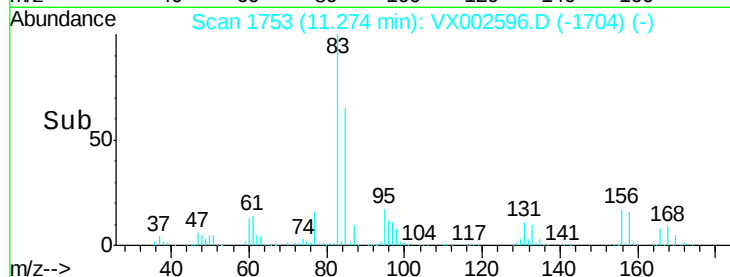
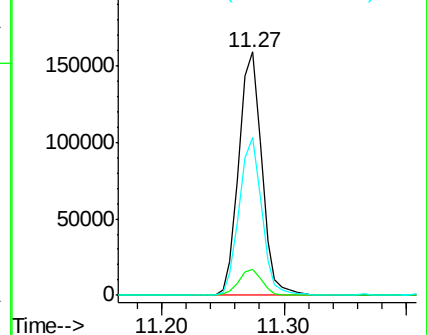
85 64.0 32.4 97.2



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



#76

1,2,3-Trichloropropane

Concen: 51.829 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002596.D

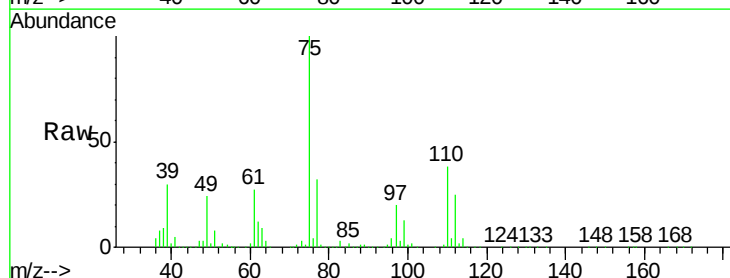
Acq: 15 Jun 2018 12:55

Tgt Ion: 75 Resp: 249404

Ion Ratio Lower Upper

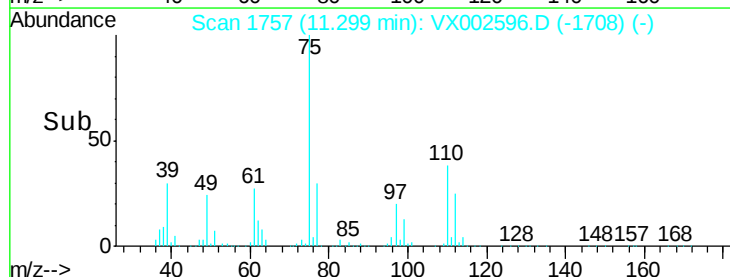
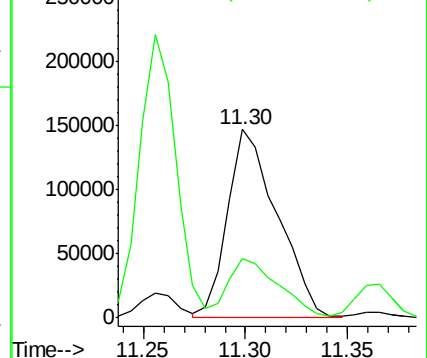
75 100

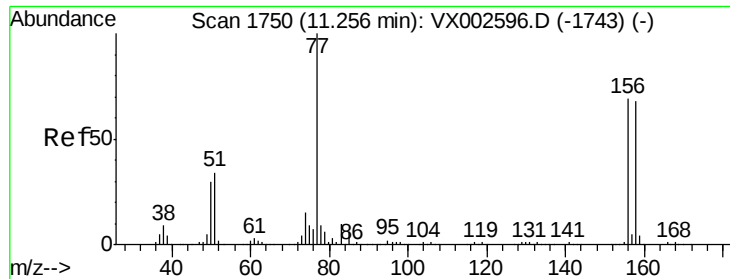
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.934 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

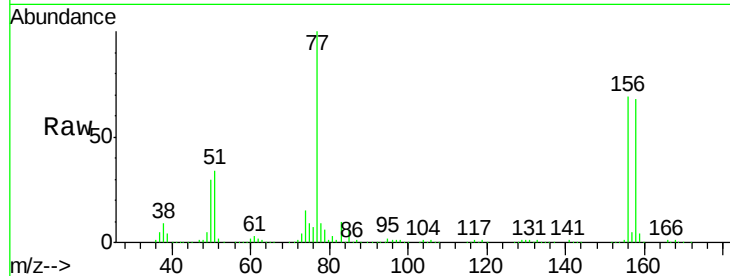
Tgt Ion:156 Resp: 196728

Ion Ratio Lower Upper

156 100

77 139.5 71.4 214.2

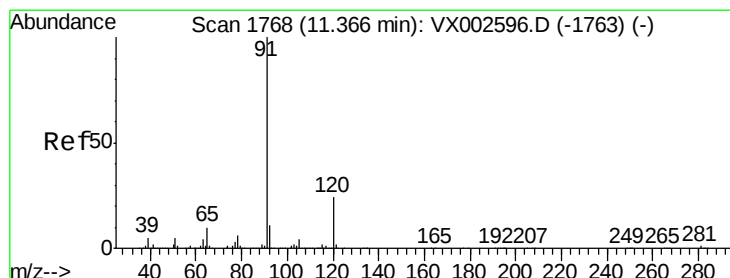
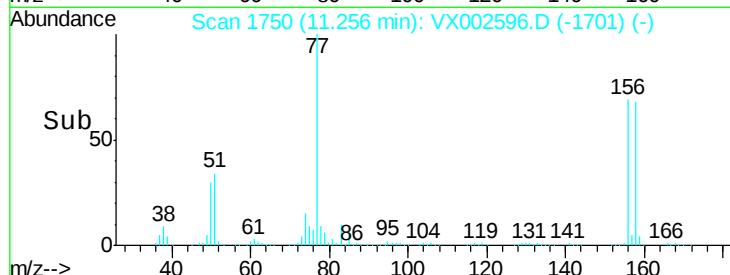
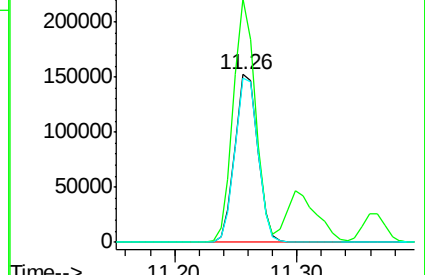
158 98.3 48.9 146.6



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: 49.310 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002596.D

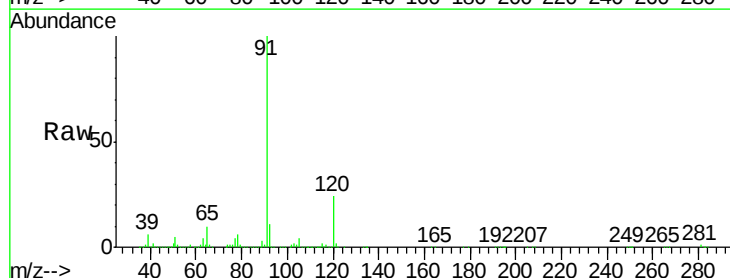
Acq: 15 Jun 2018 12:55

Tgt Ion: 91 Resp: 836115

Ion Ratio Lower Upper

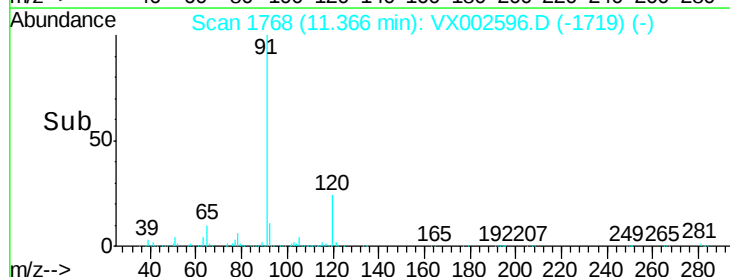
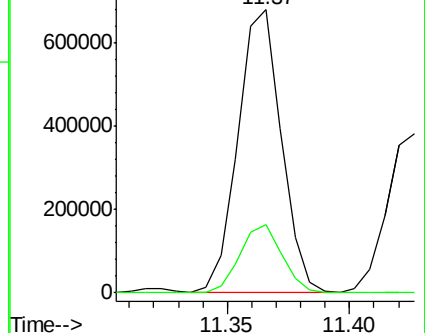
91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

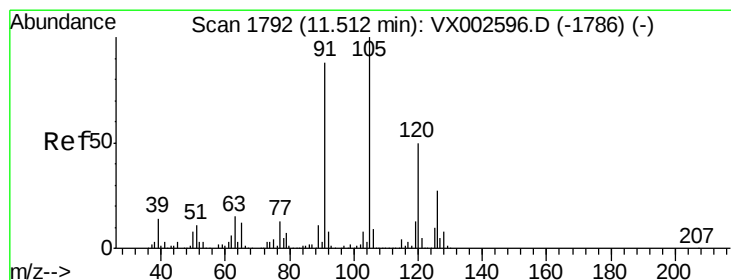
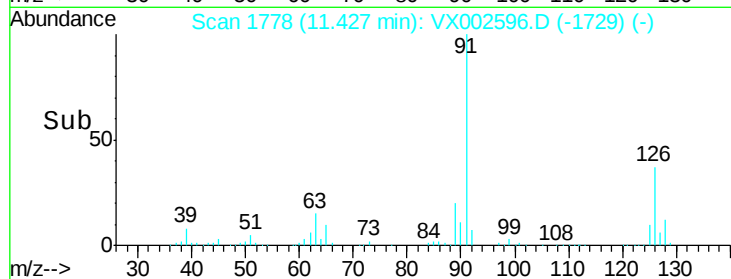
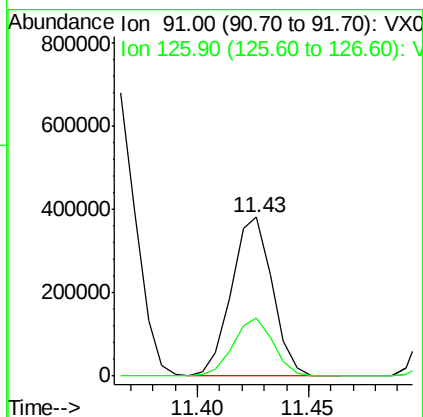
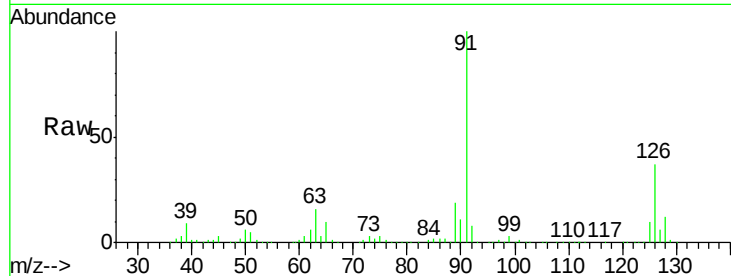




#79
 2-Chlorotoluene
 Concen: 45.266 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

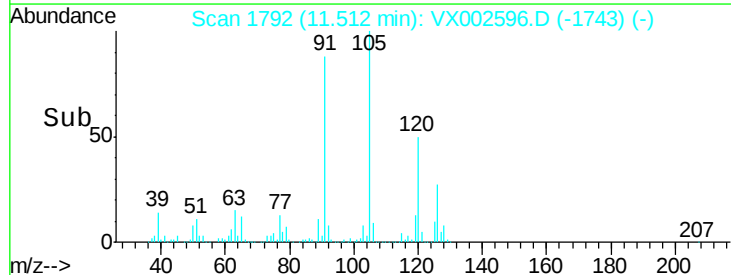
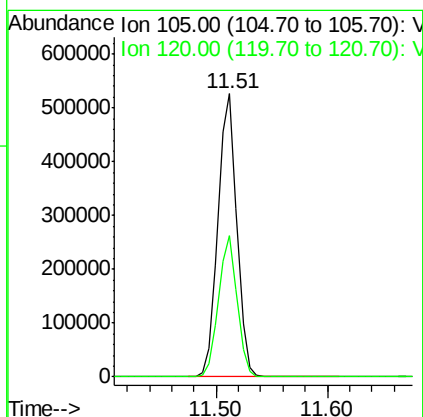
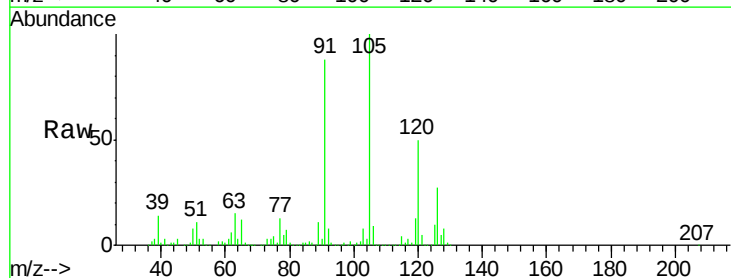
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

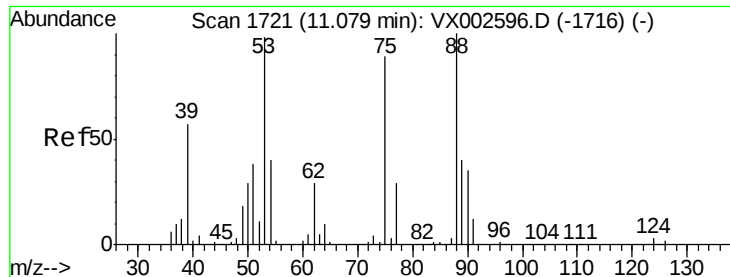
Tgt Ion: 91 Resp: 484650
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.150 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion: 105 Resp: 616954
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.432 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

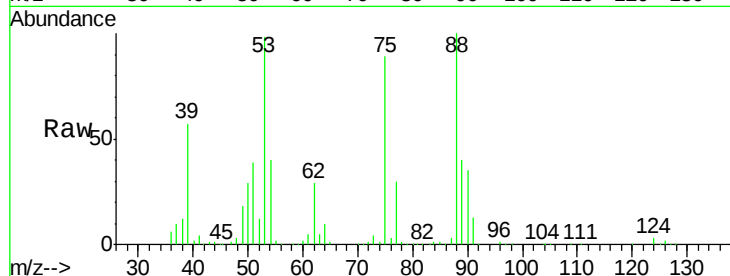
Tgt Ion: 75 Resp: 56877

Ion Ratio Lower Upper

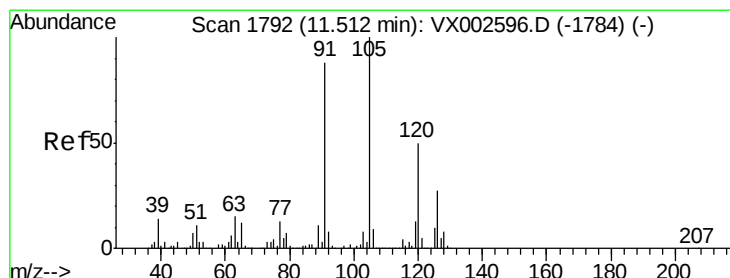
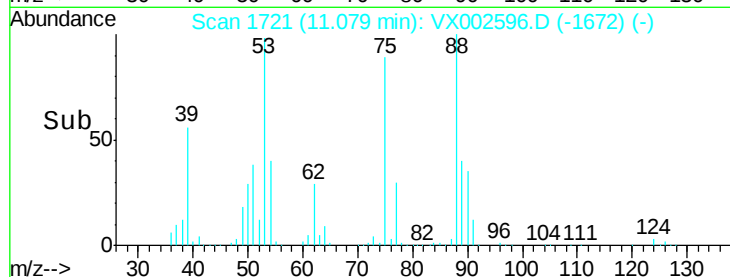
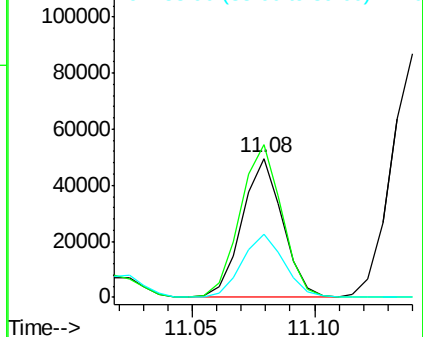
75 100

53 113.8 86.8 130.2

89 48.1 38.2 57.2



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: 47.117 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002596.D

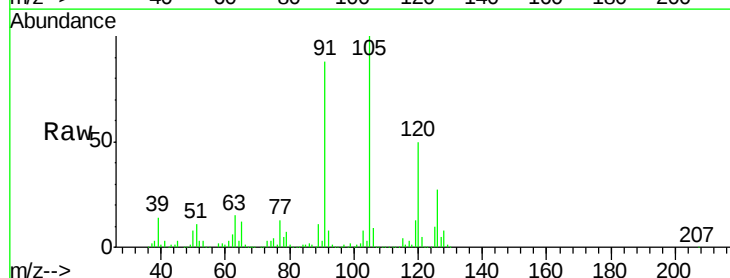
Acq: 15 Jun 2018 12:55

Tgt Ion: 91 Resp: 582285

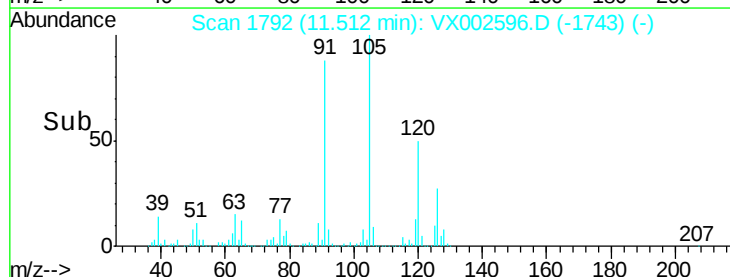
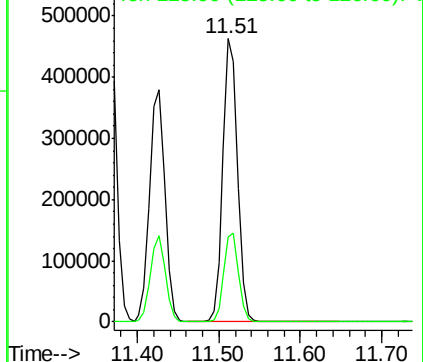
Ion Ratio Lower Upper

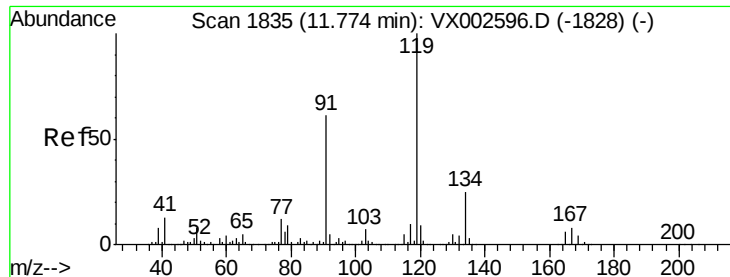
91 100

126 31.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

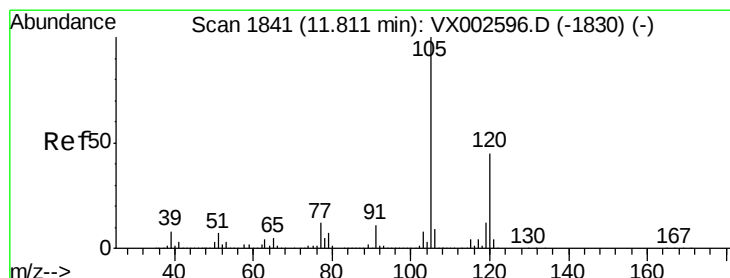
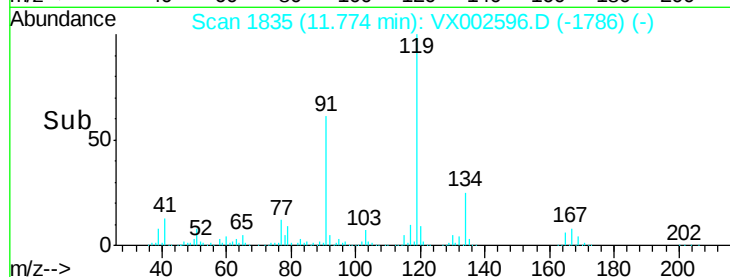
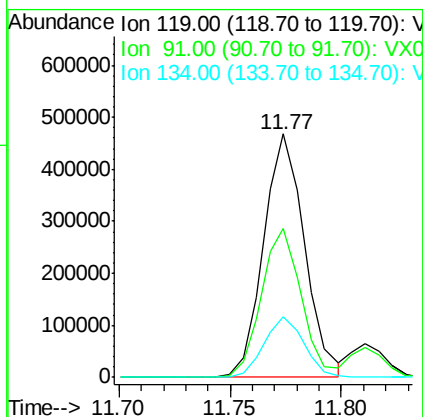
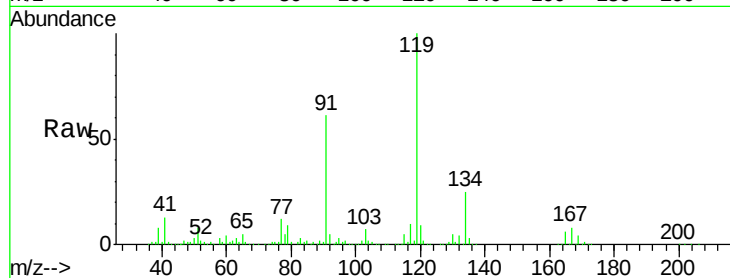




#83
 tert-Butylbenzene
 Concen: 46.800 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

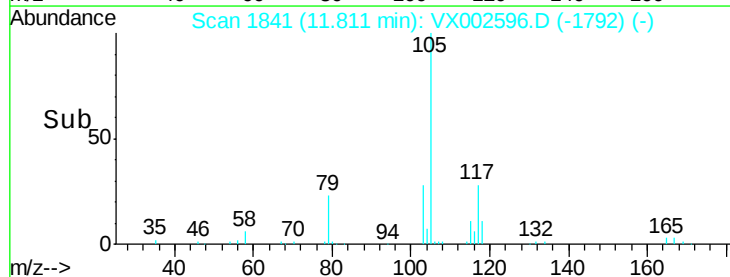
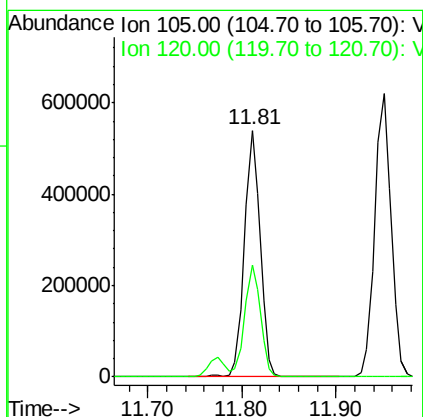
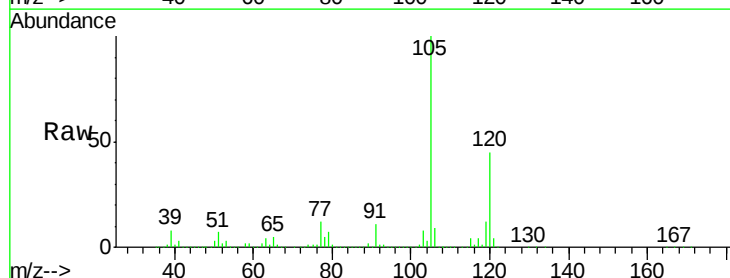
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

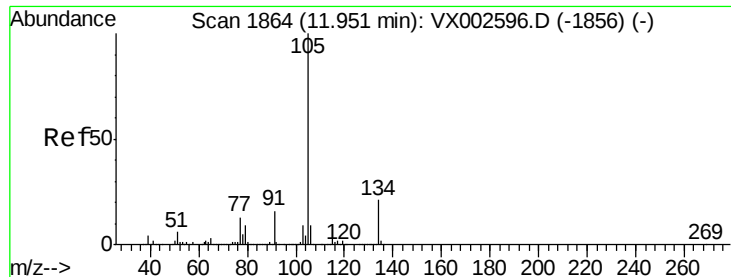
Tgt Ion:119 Resp: 596328
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.835 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion:105 Resp: 630852
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8

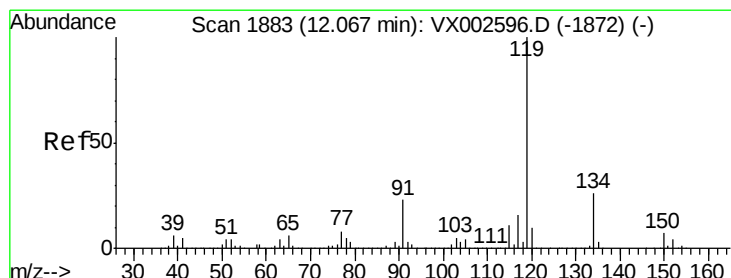
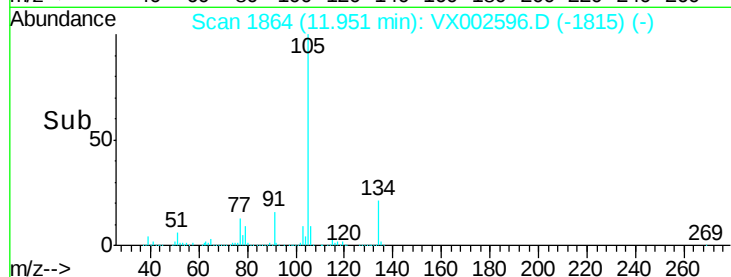
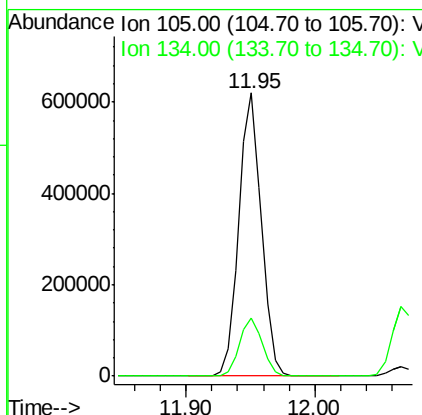
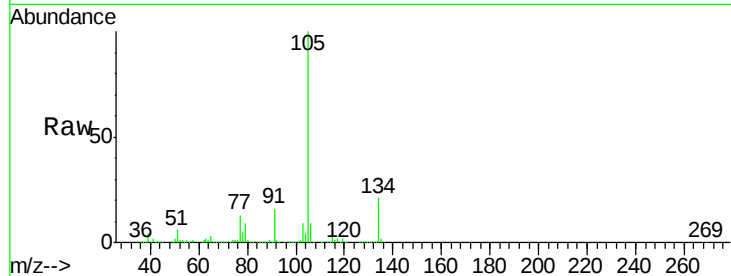




#85
 sec-Butylbenzene
 Concen: 50.117 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

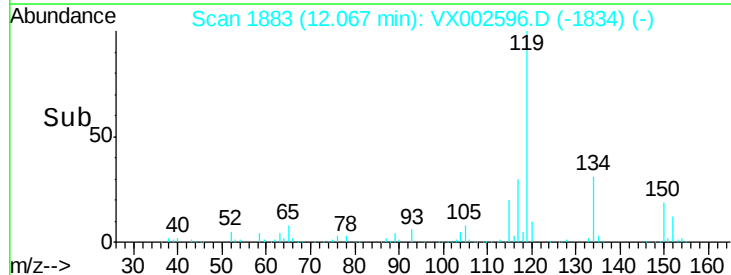
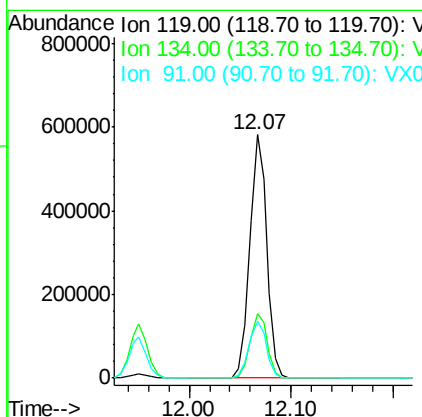
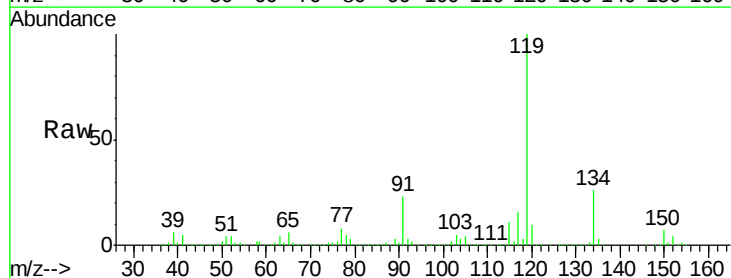
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

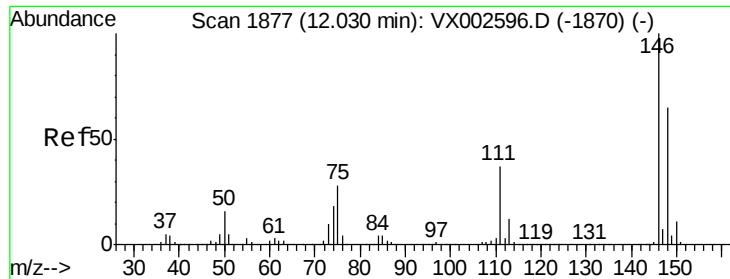
Tgt Ion:105 Resp: 748640
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 49.750 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion:119 Resp: 676917
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.7 11.9 35.7

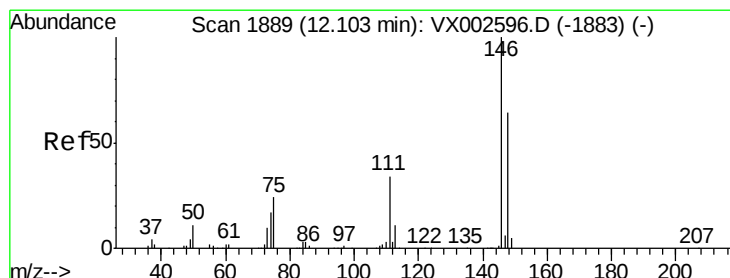
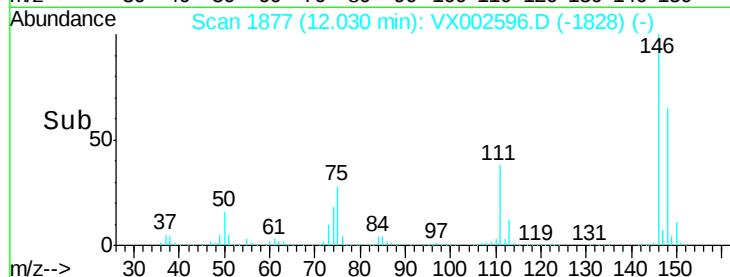
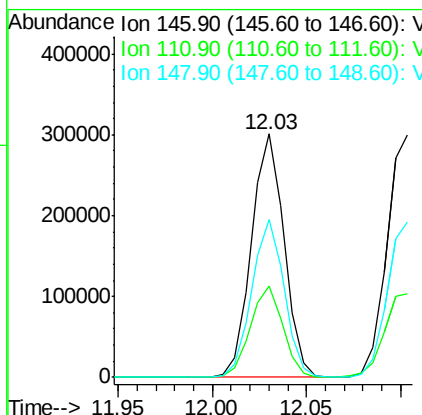
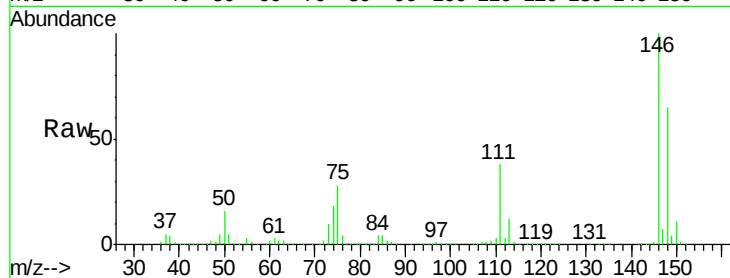




#87
 1,3-Dichlorobenzene
 Concen: 47.328 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

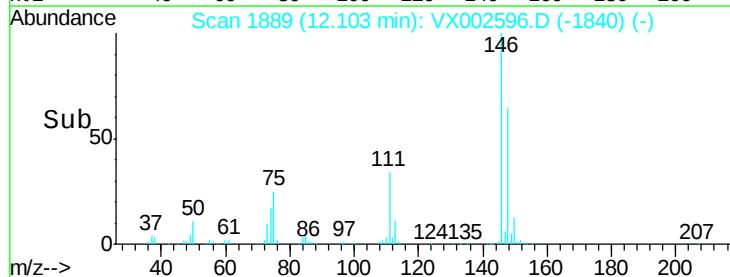
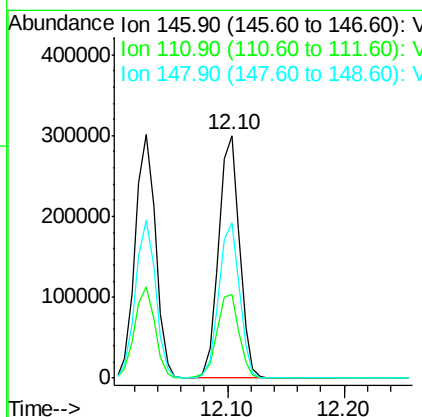
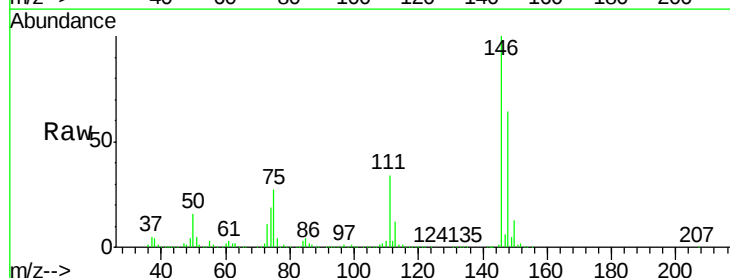
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 362431
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.710 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion:146 Resp: 368692
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.7 56.1
 148 64.0 32.4 97.0

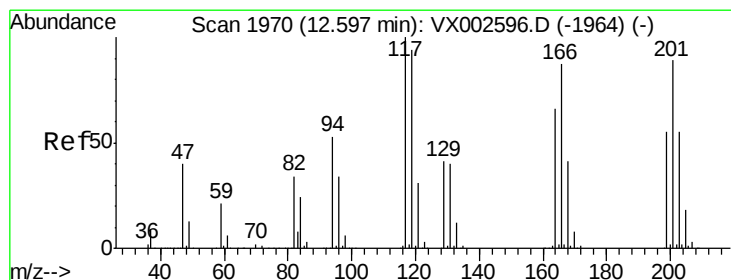
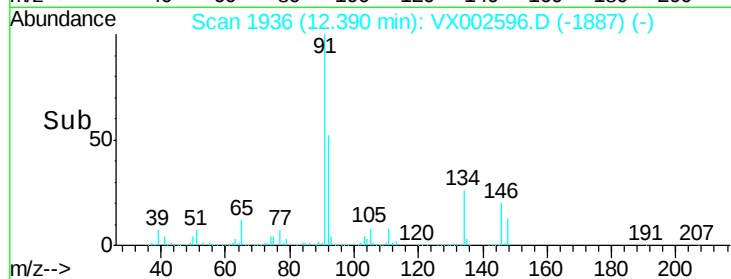
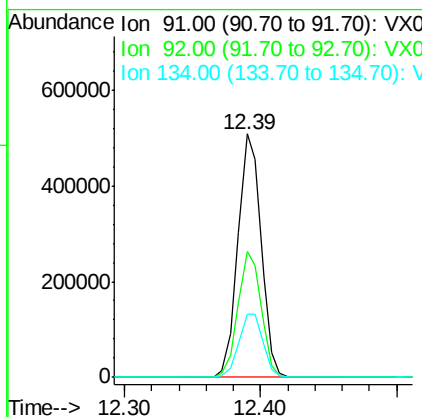
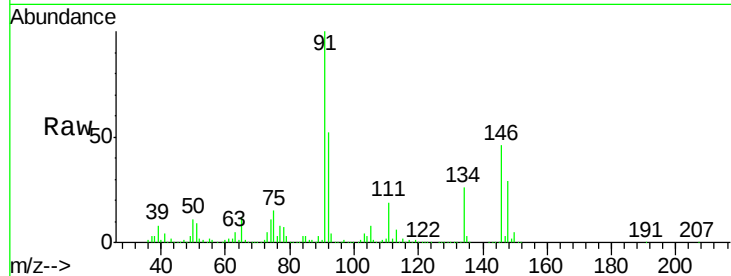




#89
n-Butylbenzene
Concen: 52.691 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

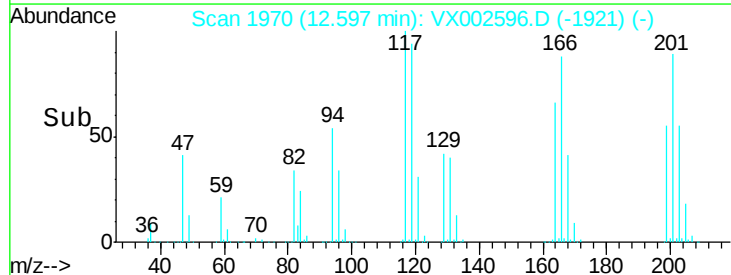
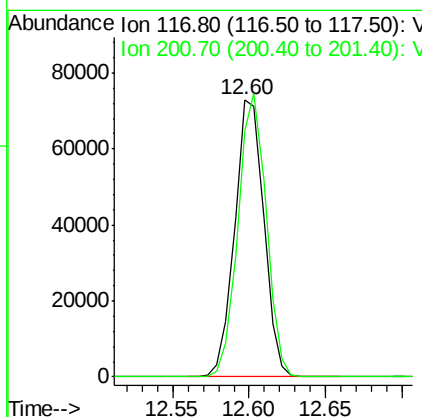
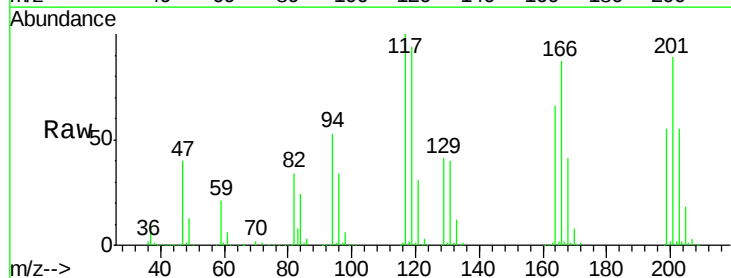
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 601288
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 27.1 13.5 40.5



#90
Hexachloroethane
Concen: 44.424 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion: 117 Resp: 96489
Ion Ratio Lower Upper
117 100
201 98.2 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 45.957 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

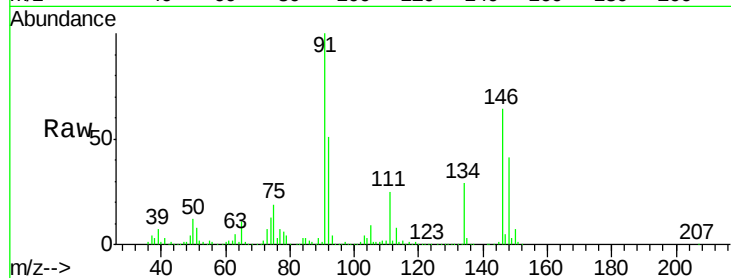
Tgt Ion:146 Resp: 364123

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

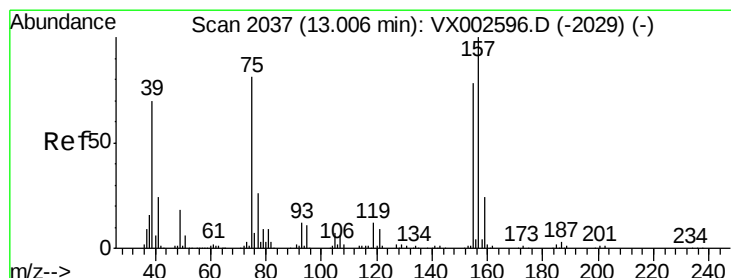
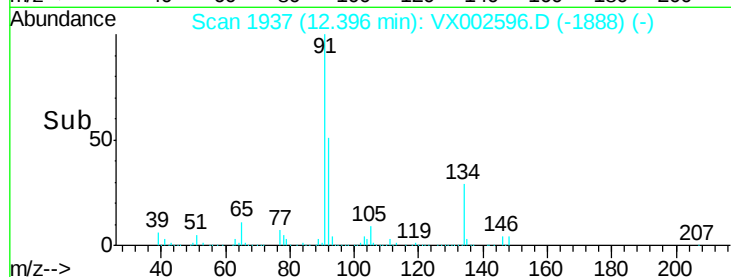
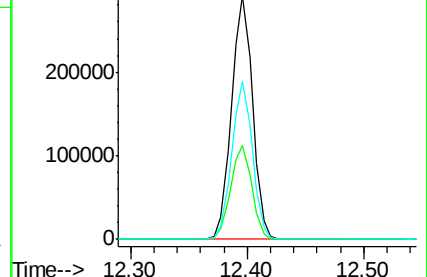
148 63.7 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.487 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002596.D

Acq: 15 Jun 2018 12:55

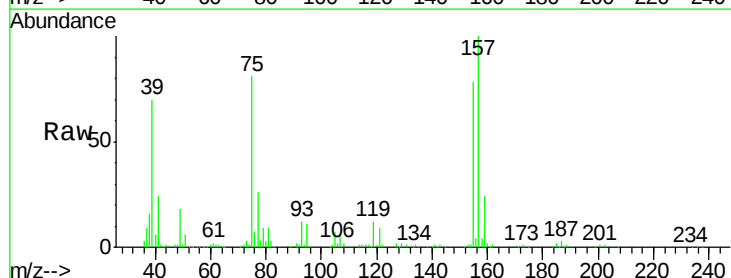
Tgt Ion: 75 Resp: 46678

Ion Ratio Lower Upper

75 100

155 94.5 45.8 137.4

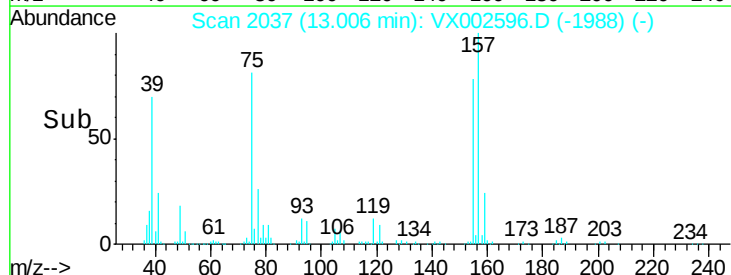
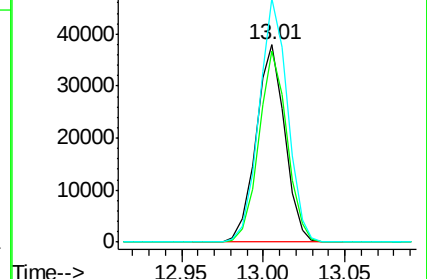
157 121.9 60.1 180.3

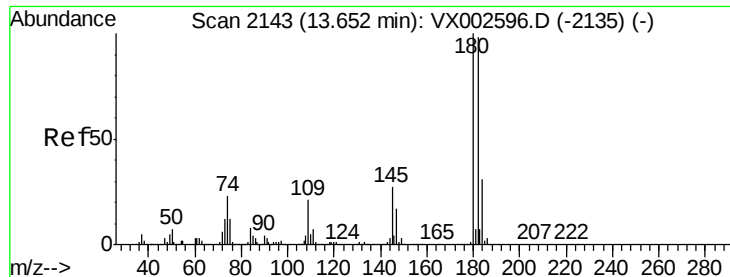


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

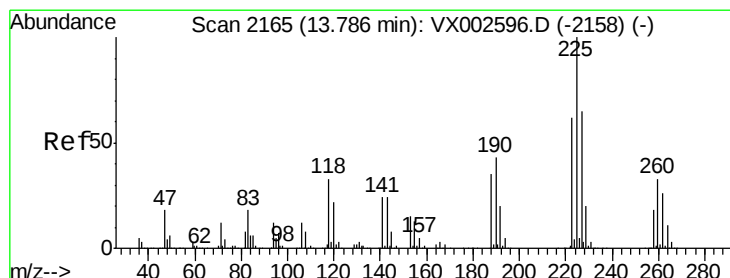
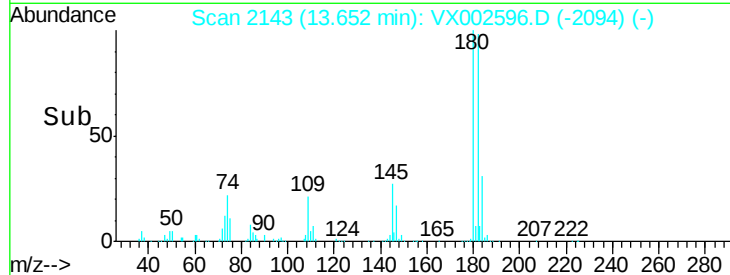
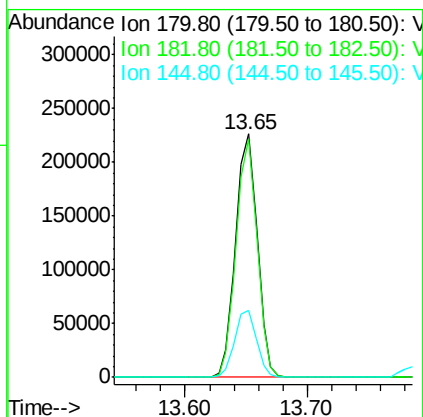
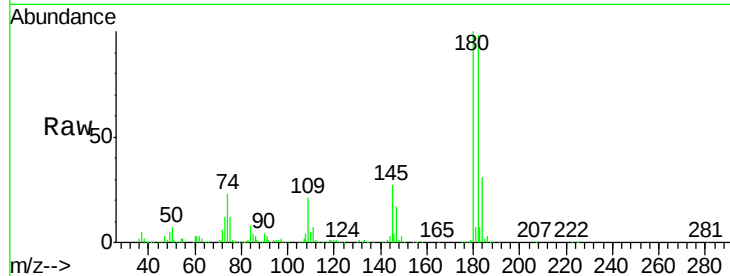




#93
 1,2,4-Trichlorobenzene
 Concen: 49.715 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

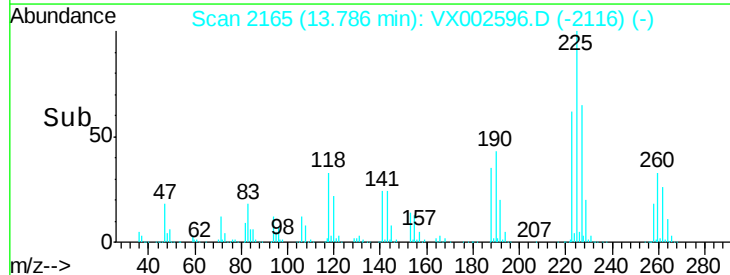
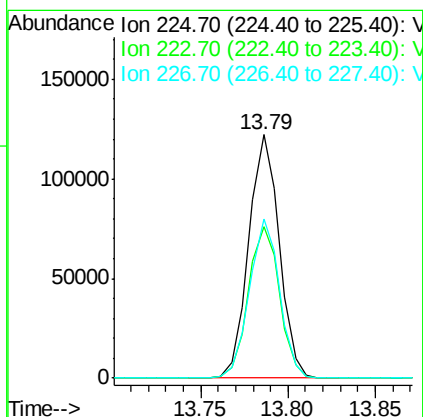
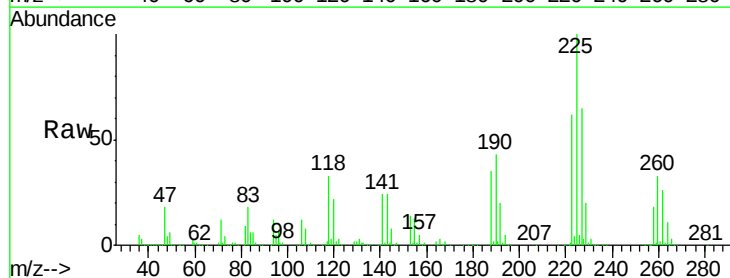
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 276195
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 53.764 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002596.D
 Acq: 15 Jun 2018 12:55

Tgt Ion:225 Resp: 147600
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.6 95.0
 227 64.4 32.4 97.2

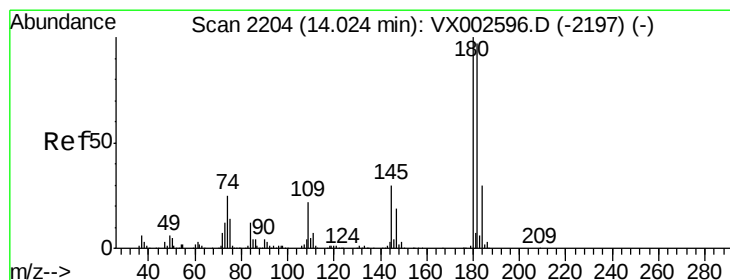
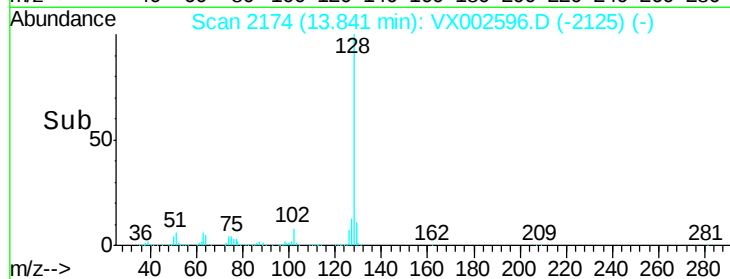
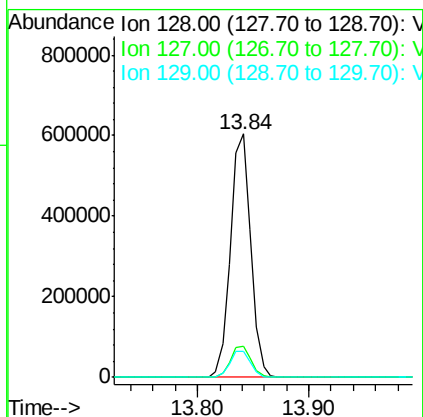
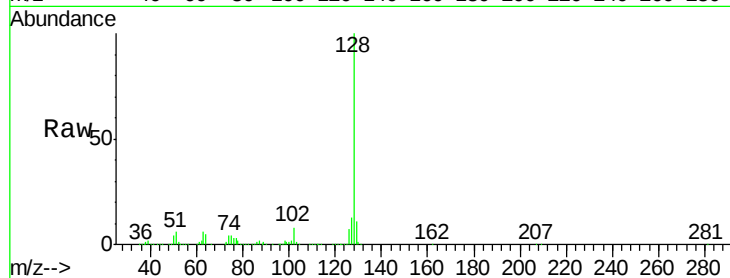




#95
Naphthalene
Concen: 47.401 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 756631
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.289 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002596.D
Acq: 15 Jun 2018 12:55

Tgt Ion:180 Resp: 273603
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.0
145 29.8 14.8 44.3

