

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002802.D
 Acq On : 21 Jun 2018 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 01:14:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159573	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.51	113	128214	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.72	98	457151	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	11.14	95	182040	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	119102	47.75	ug/l	98
3) Chloromethane	1.32	50	125517	42.30	ug/l	100
4) Vinyl Chloride	1.40	62	136652	44.38	ug/l	97
5) Bromomethane	1.64	94	57505	30.95	ug/l	98
6) Chloroethane	1.72	64	88895	43.80	ug/l	97
7) Trichlorofluoromethane	1.92	101	235128	47.00	ug/l	99
8) Diethyl Ether	2.19	74	83256	43.76	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134022	47.93	ug/l	99
10) Methyl Iodide	2.51	142	124423	34.73	ug/l	99
11) Tert butyl alcohol	3.09	59	175372	237.58	ug/l	98
12) 1,1-Dichloroethene	2.37	96	117170	44.63	ug/l	99
13) Acrolein	2.29	56	83641	241.93	ug/l	100
14) Allyl chloride	2.73	41	234936	45.07	ug/l	100
15) Acrylonitrile	3.15	53	377064	234.09	ug/l	100
16) Acetone	2.45	43	358965	227.86	ug/l	100
17) Carbon Disulfide	2.57	76	306694	49.25	ug/l	98
18) Methyl Acetate	2.78	43	215853	51.43	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	438374	44.51	ug/l	100
20) Methylene Chloride	2.86	84	134324	41.58	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	127061	44.61	ug/l	99
22) Diisopropyl ether	3.87	45	440344	46.69	ug/l	94
23) Vinyl Acetate	3.83	43	1890549	239.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	249267	48.69	ug/l	100
25) 2-Butanone	4.71	43	530922	256.62	ug/l	98
26) 2,2-Dichloropropane	4.59	77	152566	41.48	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	140746	48.56	ug/l	97
28) Bromochloromethane	5.03	49	106617	44.47	ug/l	95
29) Tetrahydrofuran	5.17	42	342552	252.64	ug/l	97
30) Chloroform	5.22	83	251032	50.85	ug/l	99
31) Cyclohexane	5.57	56	208069	49.37	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	220889	53.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177480	51.37	ug/l	99
37) Ethyl Acetate	4.87	43	205433	52.53	ug/l	99
38) Carbon Tetrachloride	5.78	117	200384	58.24	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	209382	51.84	ug/l	98
40) Benzene	6.15	78	526232	50.79	ug/l	99
41) Methacrylonitrile	5.07	41	116693	52.85	ug/l	98
42) 1,2-Dichloroethane	6.20	62	210207	52.41	ug/l	100
43) Isopropyl Acetate	6.47	43	331570	51.17	ug/l	99
44) Trichloroethene	7.21	130	153429	51.31	ug/l	98
45) 1,2-Dichloropropane	7.52	63	141776	51.99	ug/l	100
46) Dibromomethane	7.67	93	97883	53.66	ug/l	99
47) Bromodichloromethane	7.90	83	186933	58.11	ug/l	99
48) Methyl methacrylate	7.78	41	175784	53.09	ug/l	98
49) 1,4-Dioxane	7.76	88	71633	1142.38	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1121896	269.66	ug/l	99
52) Toluene	8.79	92	345493	52.28	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	208055	48.91	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	194253	47.96	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	143770	53.84	ug/l	99
56) Ethyl methacrylate	9.18	69	218719	53.22	ug/l	98
57) 1,3-Dichloropropane	9.38	76	237142	52.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	446644	224.70	ug/l	98
59) 2-Hexanone	9.50	43	865271	276.01	ug/l	98
60) Dibromochloromethane	9.59	129	154038	51.18	ug/l	100
61) 1,2-Dibromoethane	9.68	107	152952	55.30	ug/l	100
64) Tetrachloroethene	9.34	164	178967	50.82	ug/l	100
65) Chlorobenzene	10.14	112	401031	51.47	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	151522	57.04	ug/l	99
67) Ethyl Benzene	10.26	91	685914	52.19	ug/l	100
68) m/p-Xylenes	10.36	106	531783	104.90	ug/l	99
69) o-Xylene	10.70	106	259312	52.06	ug/l	99
70) Styrene	10.71	104	435157	53.13	ug/l	99
71) Bromoform	10.86	173	124181	51.22	ug/l	100
73) Isopropylbenzene	11.02	105	712931	52.80	ug/l	100
74) N-amyl acetate	6.47	43	331570	49.42	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219063	54.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	250416	65.73	ug/l	80
77) Bromobenzene	11.26	156	197181	52.42	ug/l	97
78) n-propylbenzene	11.37	91	805604	52.02	ug/l	99
79) 2-Chlorotoluene	11.43	91	479695	51.88	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	600363	52.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	55087	46.58	ug/l	96
82) 4-Chlorotoluene	11.51	91	569338	52.19	ug/l	99
83) tert-Butylbenzene	11.77	119	586104	53.32	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	620704	53.31	ug/l	99
85) sec-Butylbenzene	11.95	105	713488	52.20	ug/l	100
86) p-Isopropyltoluene	12.07	119	649985	52.56	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	358447	51.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362177	51.60	ug/l	99
89) n-Butylbenzene	12.39	91	554497	50.82	ug/l	100
90) Hexachloroethane	12.60	117	98802	51.18	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	363435	52.34	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50124	60.01	ug/l	97

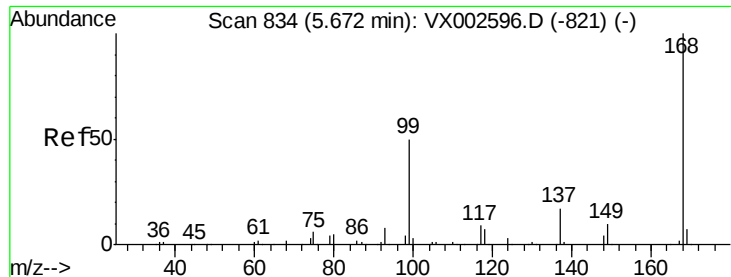
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263797	52.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	134958	50.84	ug/l	98
95) Naphthalene	13.84	128	753012	55.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	269819	53.31	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

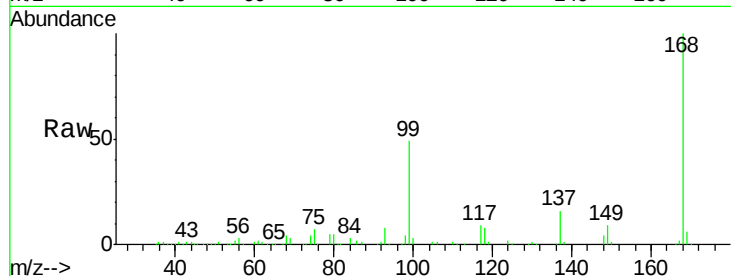
VSTDCCC050EC

Tot Ion:168 Resp: 234975

Ion Ratio Lower Upper

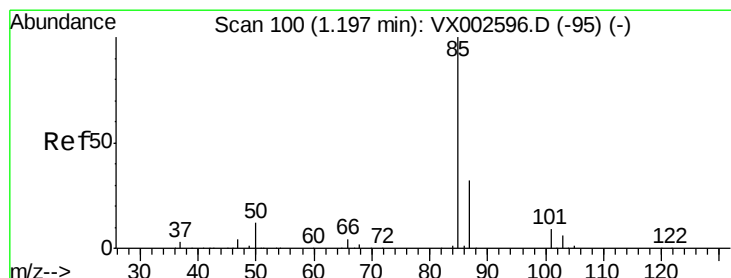
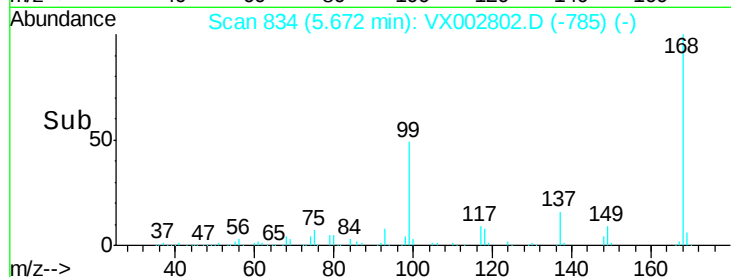
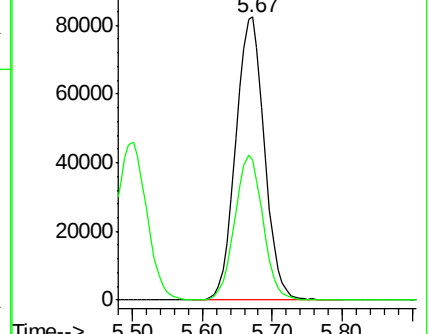
168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002802.D

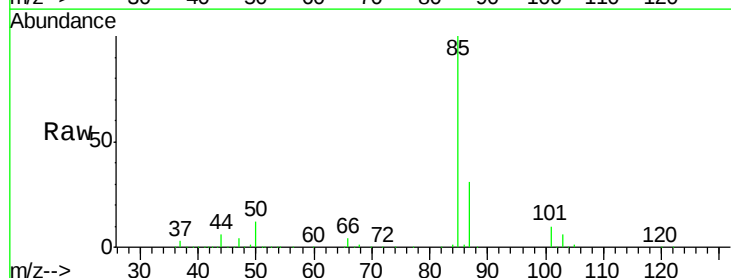
Acq: 21 Jun 2018 21:22

Tgt Ion: 85 Resp: 119102

Ion Ratio Lower Upper

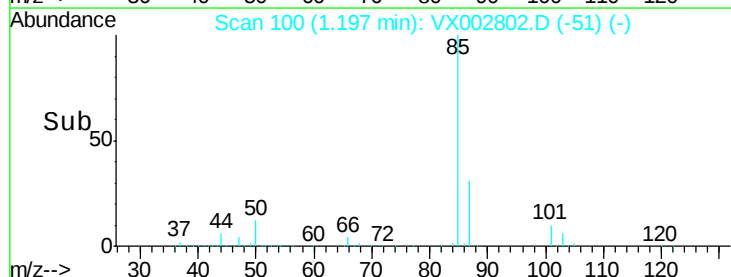
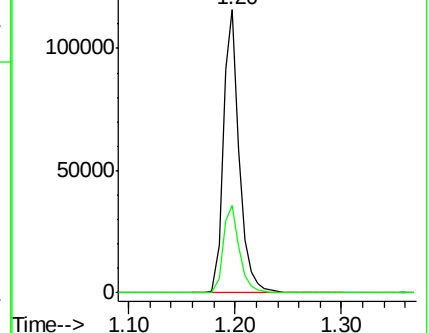
85 100

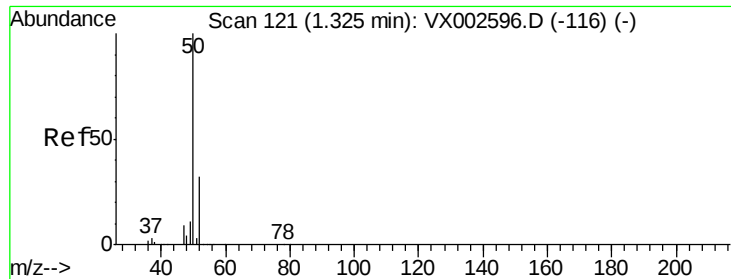
87 30.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

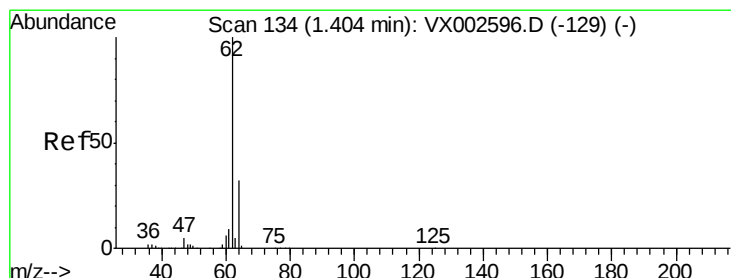
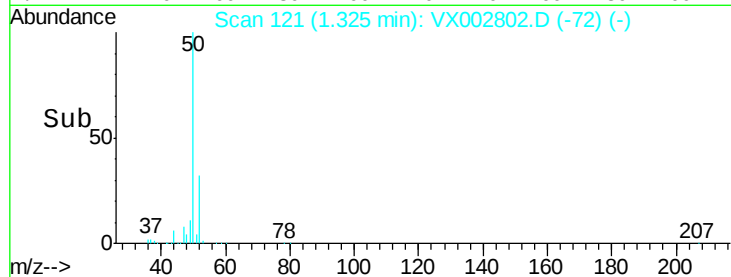
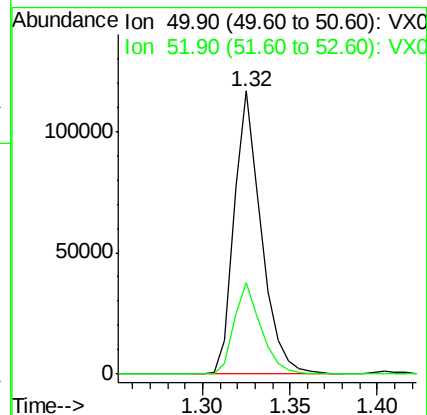
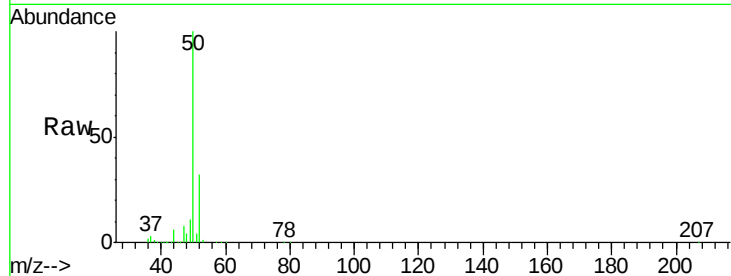
VSTDCCC050EC

Tot Ion: 50 Resp: 125517

Ion Ratio Lower Upper

50 100

52 32.3 25.7 38.5



#4

Vinyl Chloride

Concen: 44.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002802.D

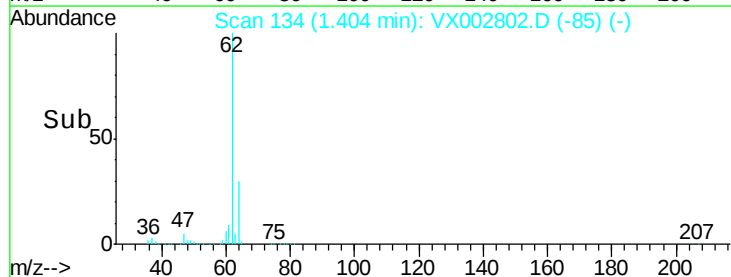
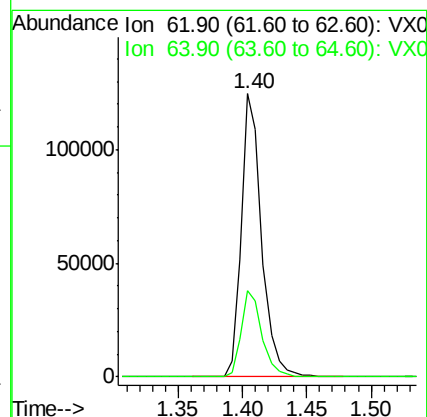
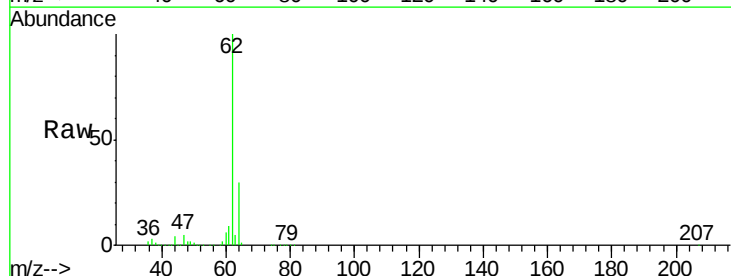
Acq: 21 Jun 2018 21:22

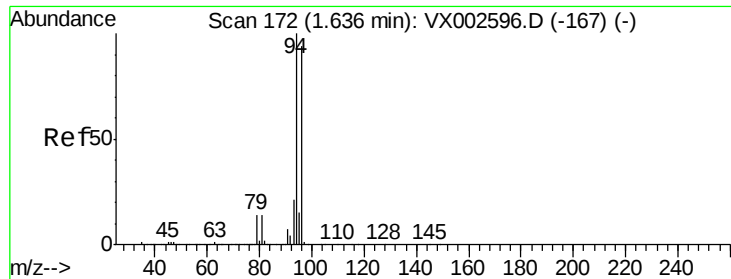
Tgt Ion: 62 Resp: 136652

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.2





#5

Bromomethane

Concen: 30.95 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

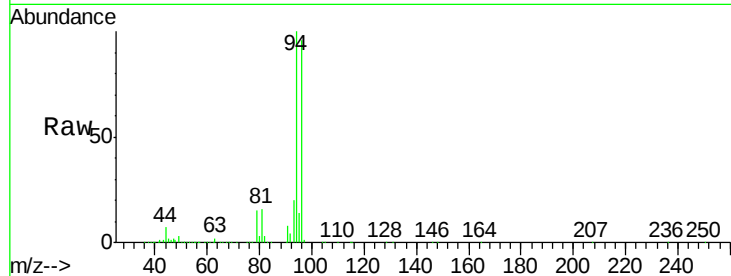
VSTDCCC050EC

Tot Ion: 94 Resp: 57505

Ion Ratio Lower Upper

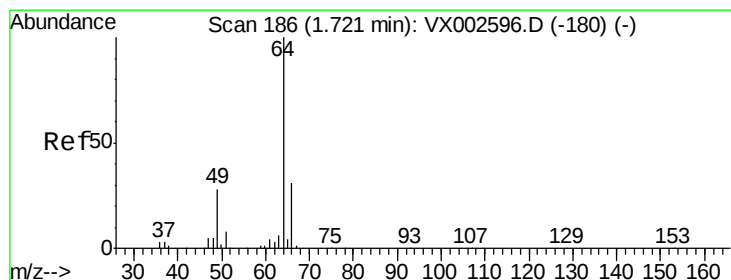
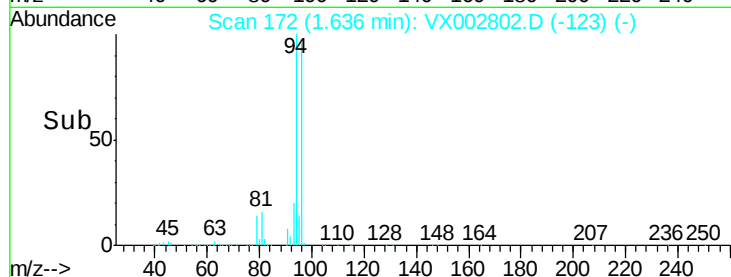
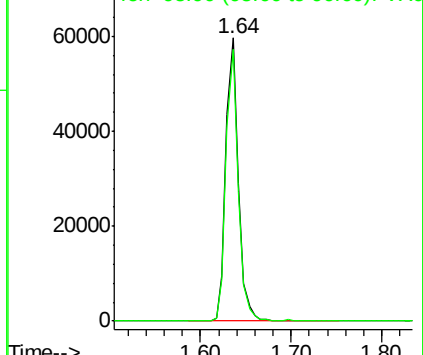
94 100

96 96.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.80 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002802.D

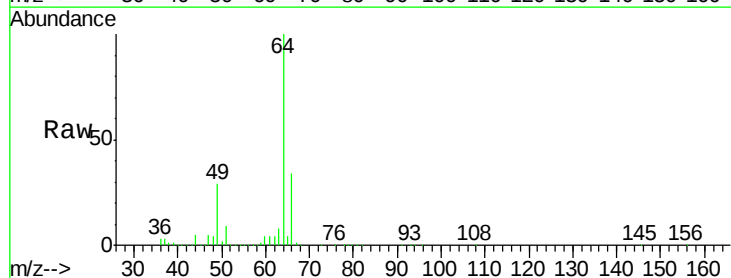
Acq: 21 Jun 2018 21:22

Tgt Ion: 64 Resp: 88895

Ion Ratio Lower Upper

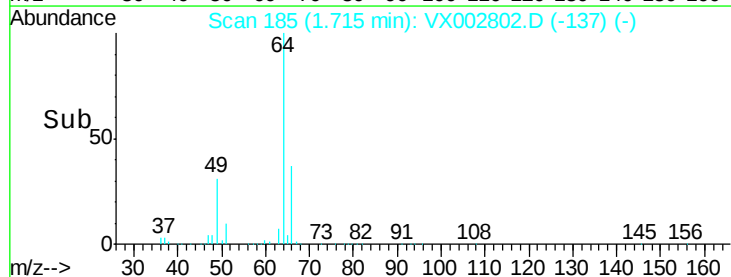
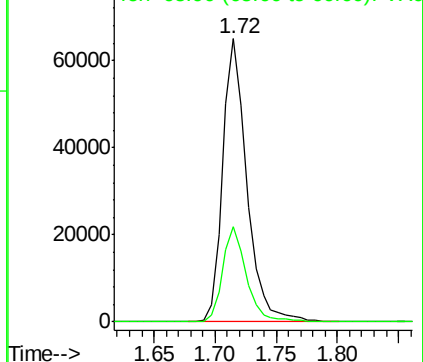
64 100

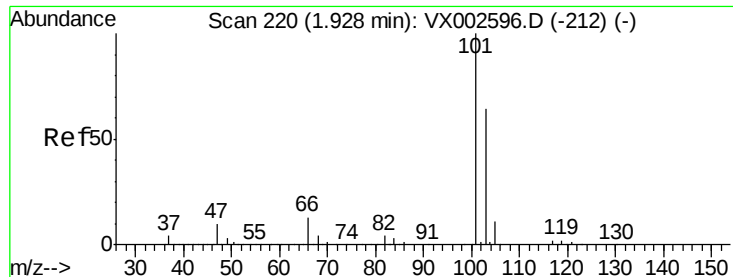
66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



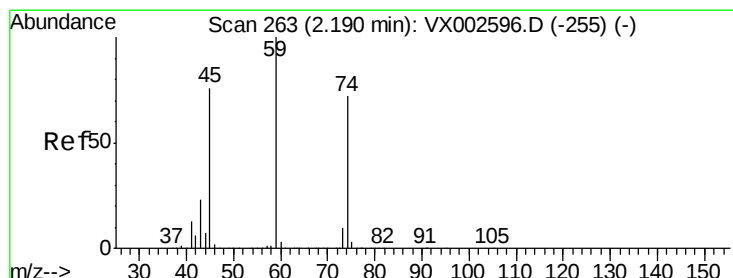
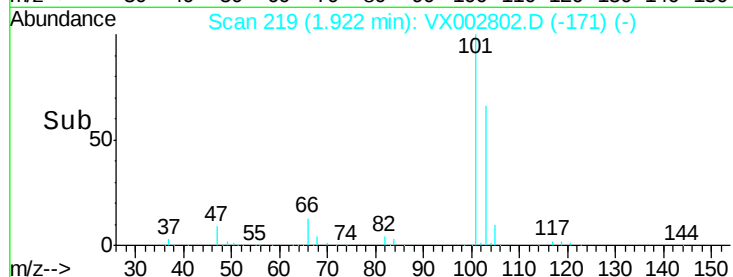
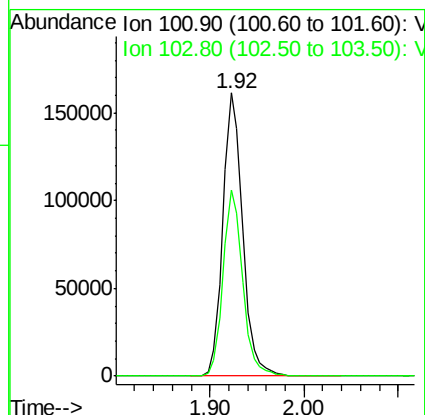
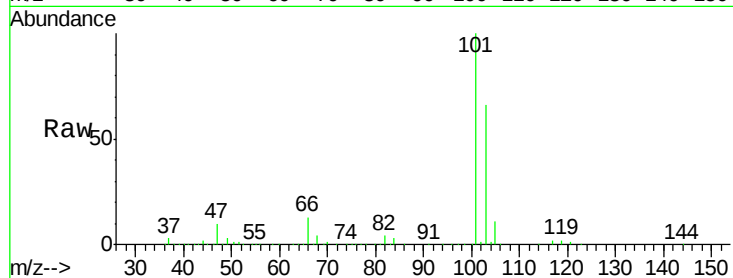


#7

Trichlorofluoromethane
Concen: 47.00 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
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VSTDCCC050EC

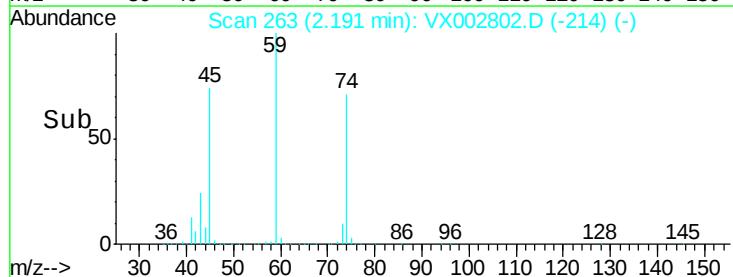
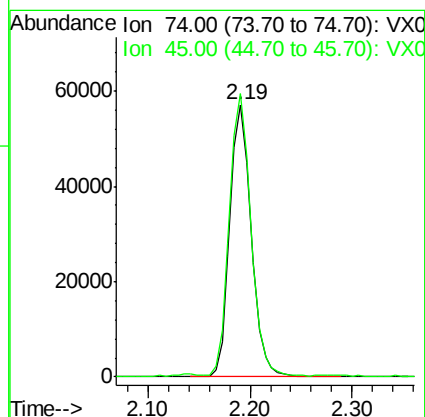
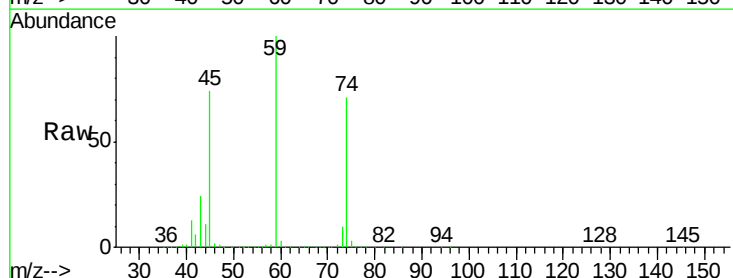
Tot Ion:101 Resp: 235128
Ion Ratio Lower Upper
101 100
103 65.5 52.8 79.2



#8

Diethyl Ether
Concen: 43.76 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 74 Resp: 83256
Ion Ratio Lower Upper
74 100
45 104.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.93 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

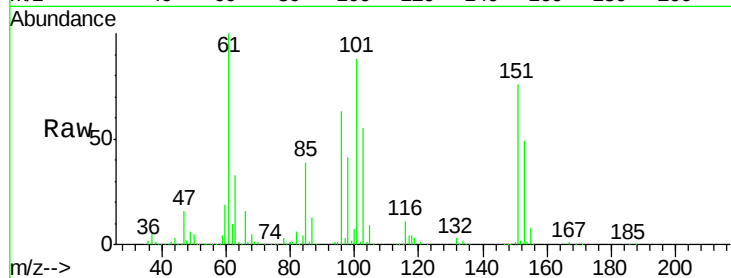
Tot Ion:101 Resp: 134022

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

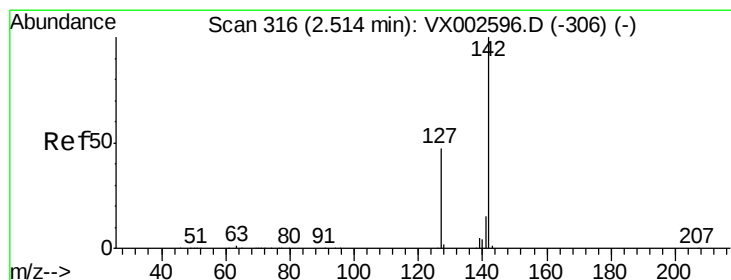
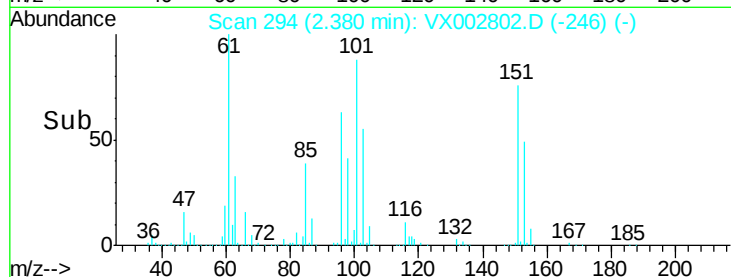
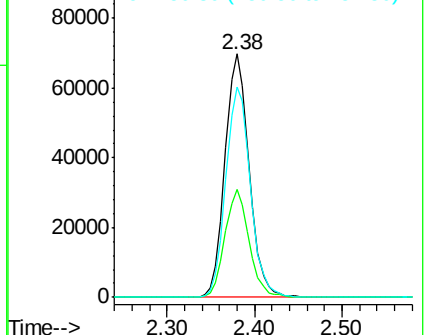
151 87.7 70.9 106.3



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: 34.73 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

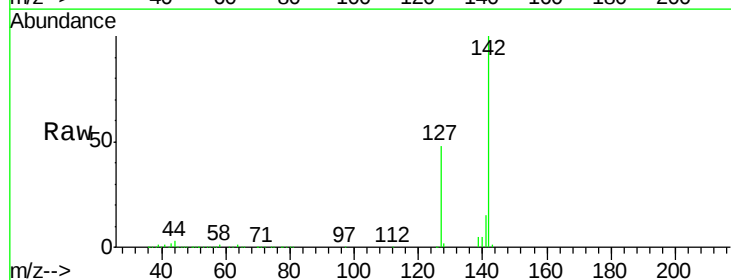
Tgt Ion:142 Resp: 124423

Ion Ratio Lower Upper

142 100

127 46.6 36.6 55.0

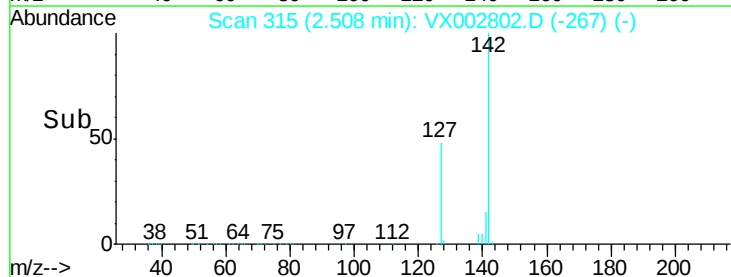
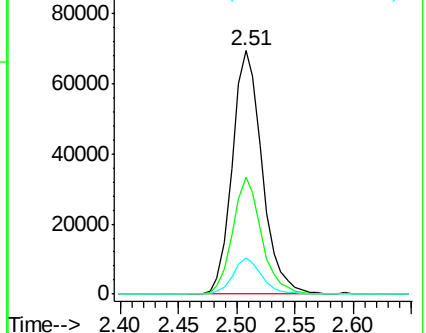
141 14.5 11.3 16.9

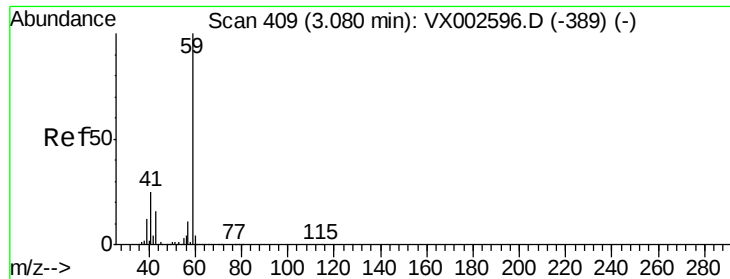


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

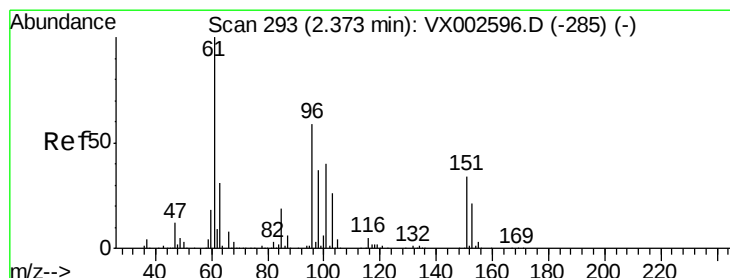
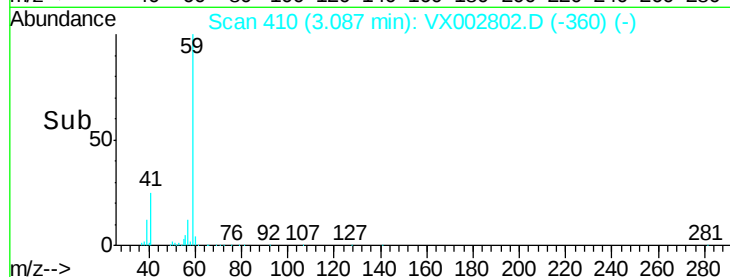
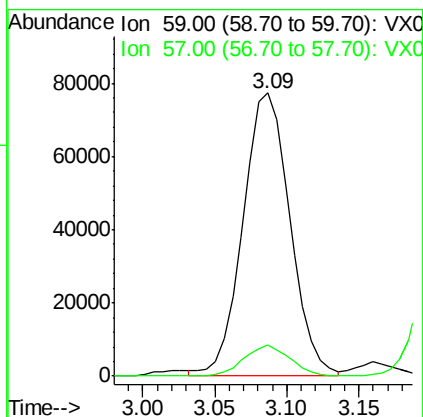
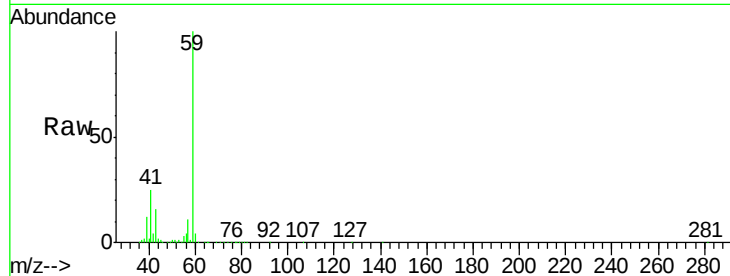




#11
Tert butyl alcohol
Concen: 237.58 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

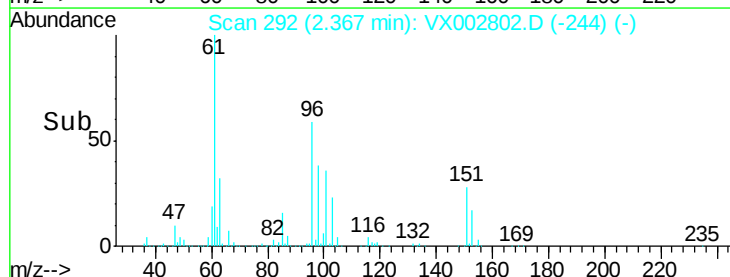
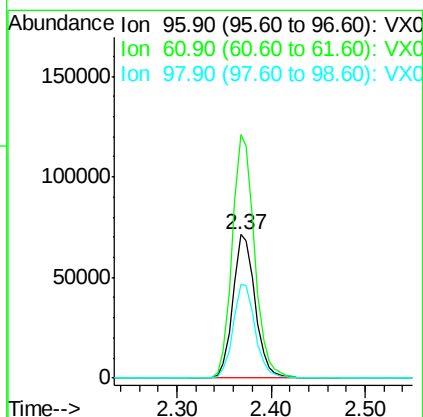
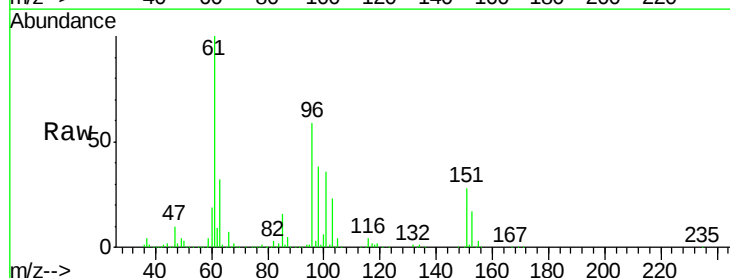
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

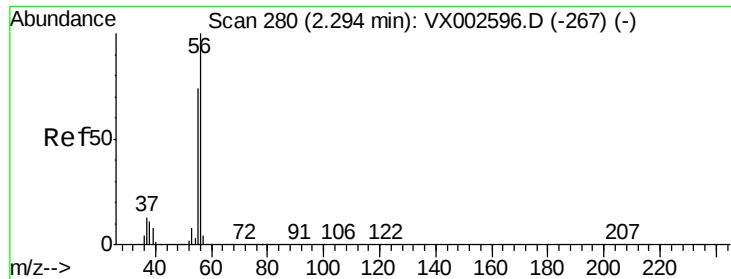
Tot Ion: 59 Resp: 175372
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.63 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 96 Resp: 117170
Ion Ratio Lower Upper
96 100
61 170.0 137.9 206.9
98 65.1 51.6 77.4





#13

Acrolein

Concen: 241.93 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

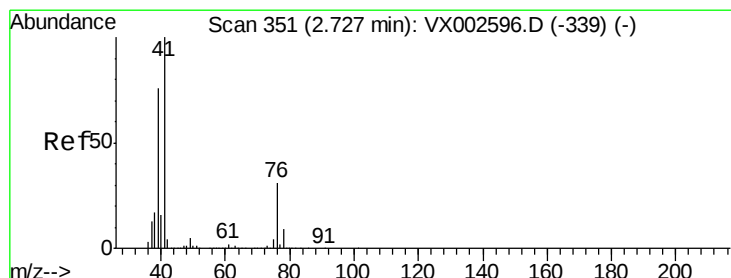
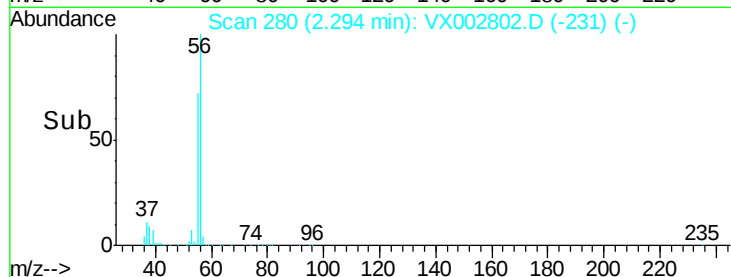
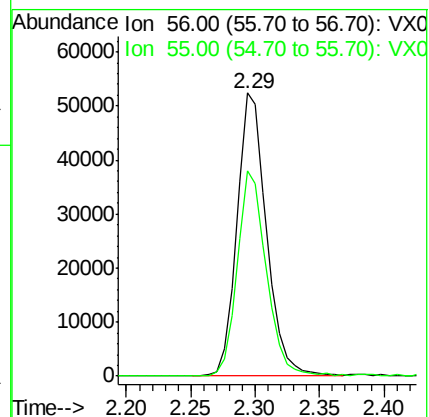
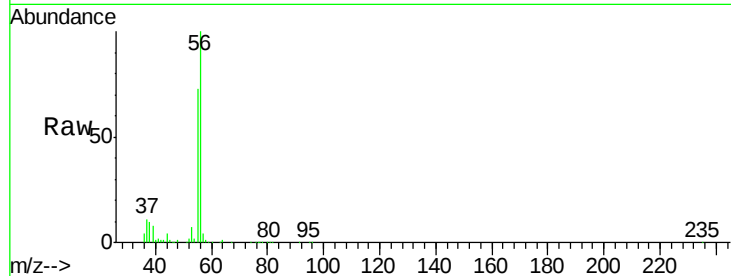
VSTDCCC050EC

Tot Ion: 56 Resp: 83641

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 45.07 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

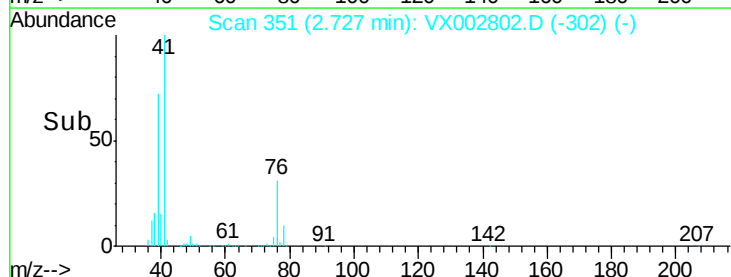
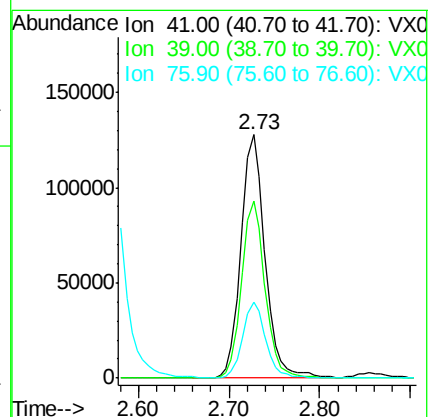
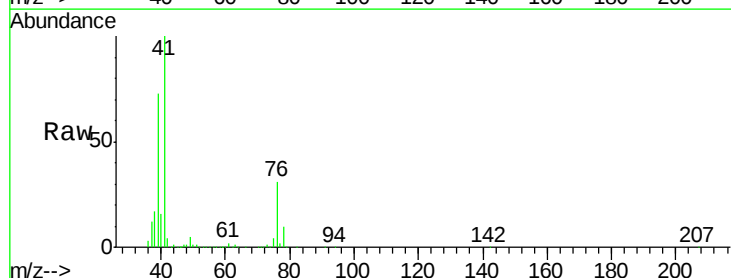
Tgt Ion: 41 Resp: 234936

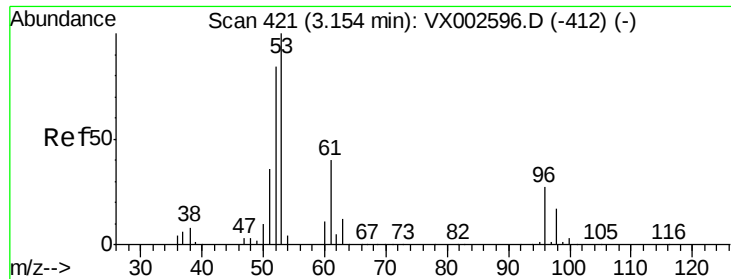
Ion Ratio Lower Upper

41 100

39 70.7 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 234.09 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

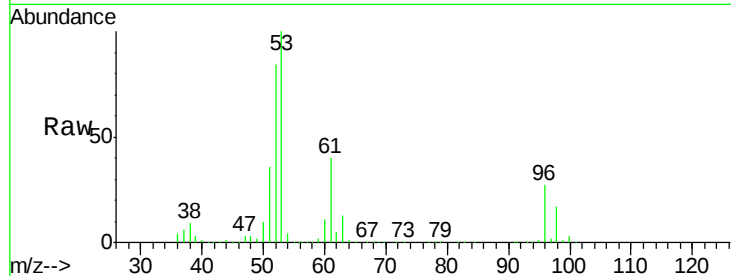
Tot Ion: 53 Resp: 377064

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

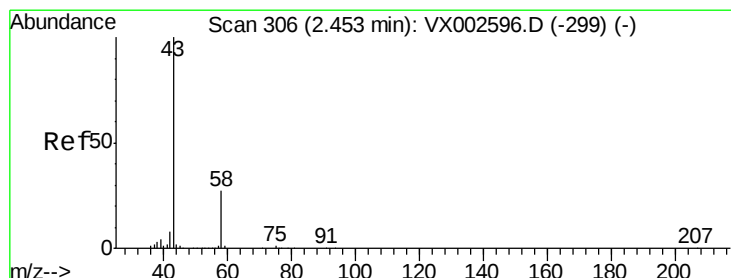
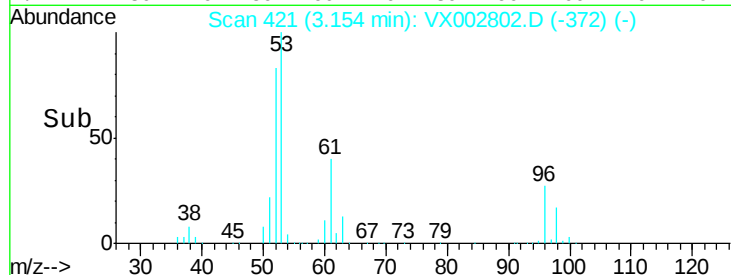
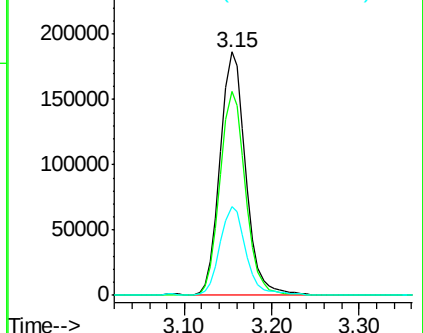
51 37.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 227.86 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002802.D

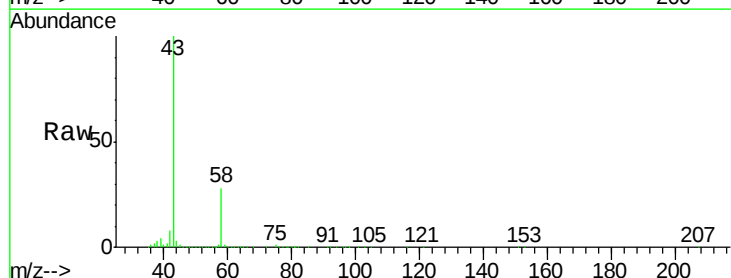
Acq: 21 Jun 2018 21:22

Tgt Ion: 43 Resp: 358965

Ion Ratio Lower Upper

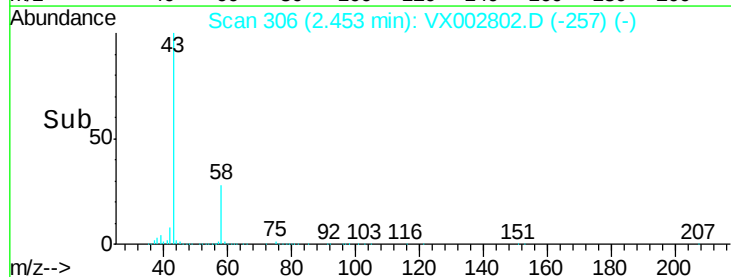
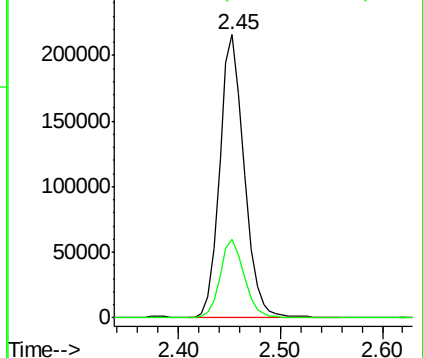
43 100

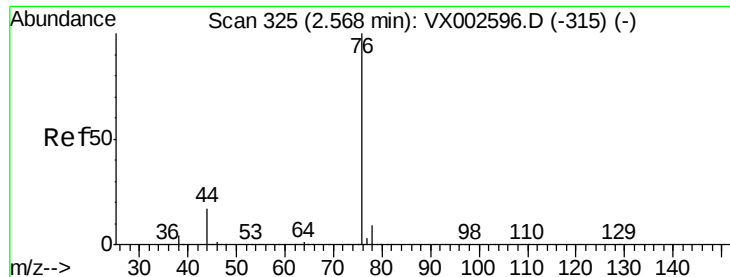
58 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

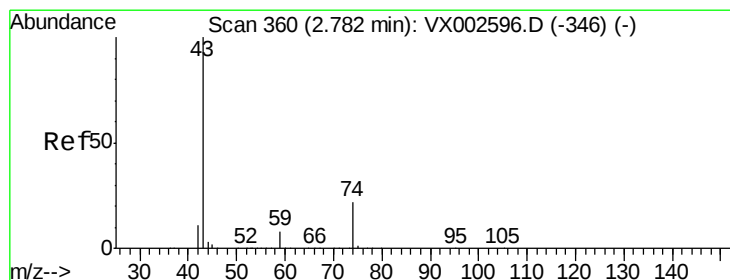
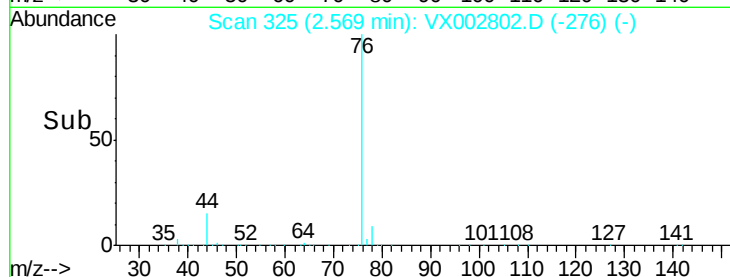
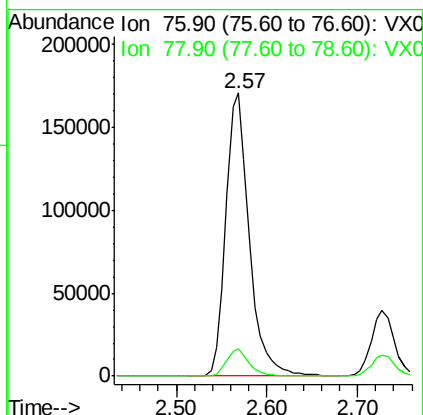
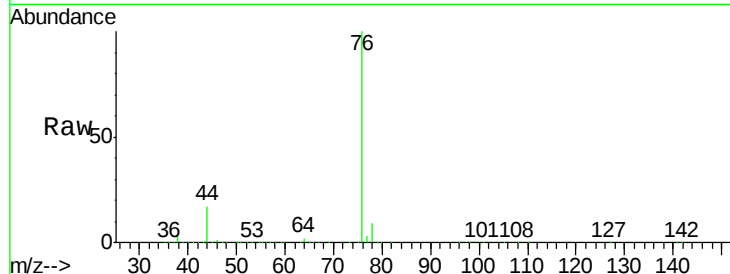




#17
Carbon Disulfide
Concen: 49.25 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

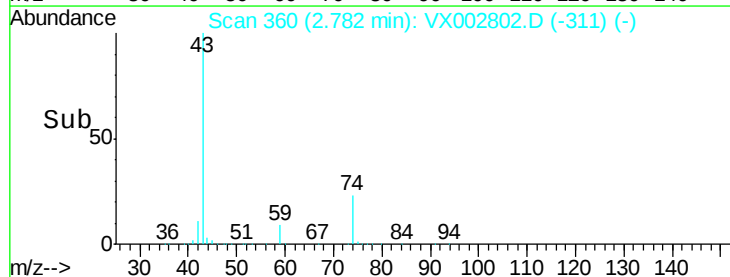
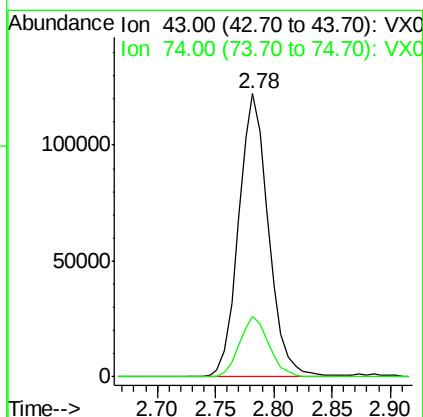
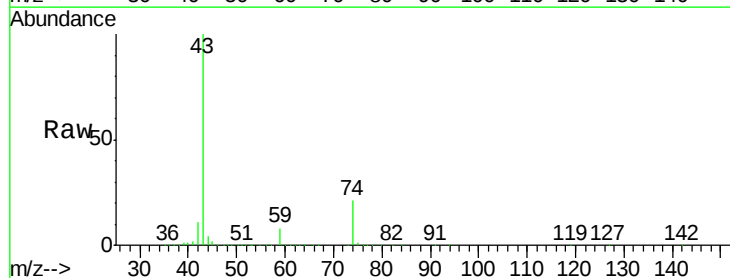
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

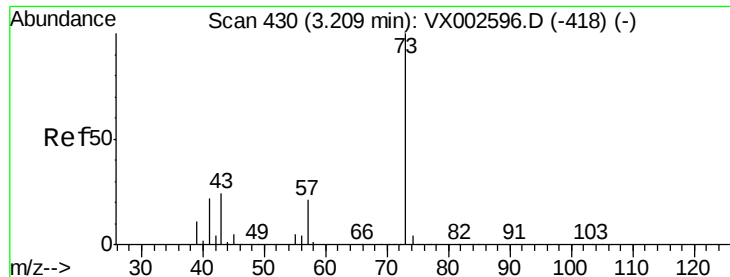
Tot Ion: 76 Resp: 306694
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 51.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 43 Resp: 215853
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1

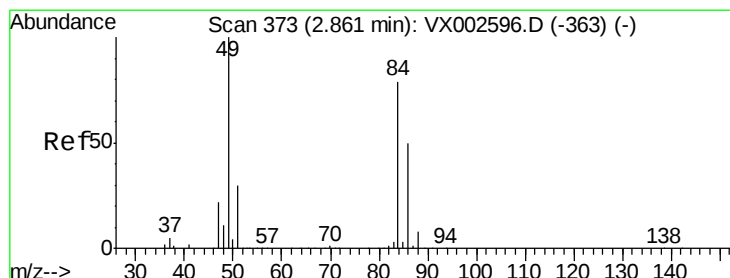
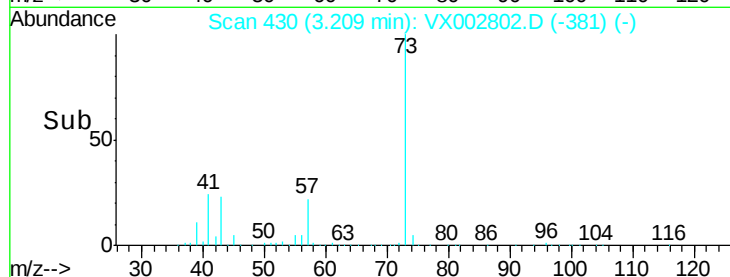
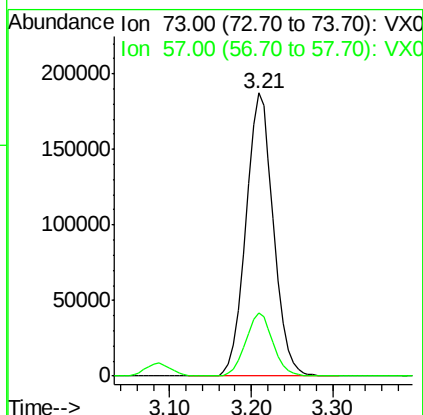
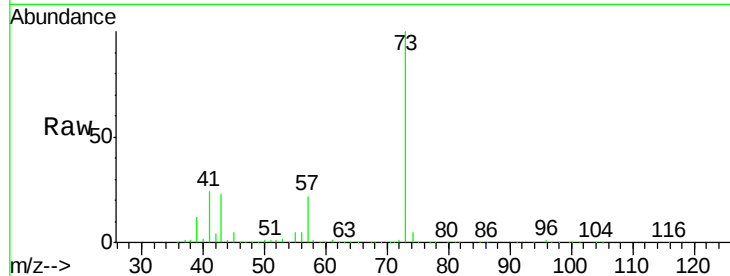




#19
Methyl tert-butyl Ether
Concen: 44.51 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

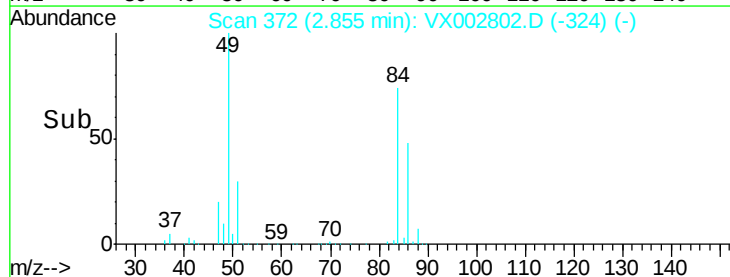
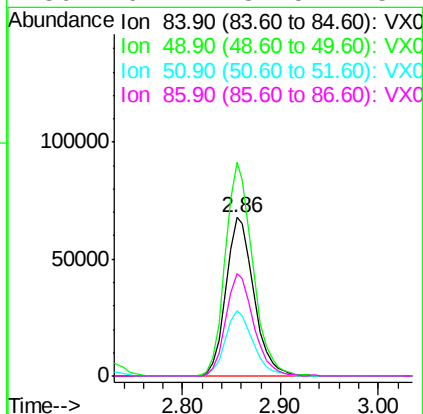
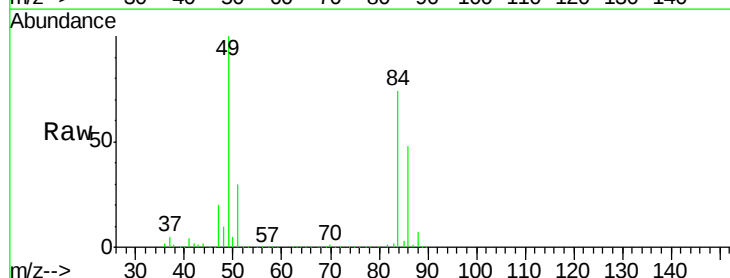
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

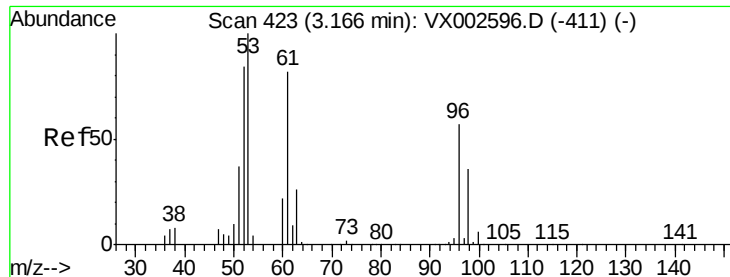
Tot Ion: 73 Resp: 438374
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 41.58 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 84 Resp: 134324
Ion Ratio Lower Upper
84 100
49 134.6 107.8 161.6
51 40.7 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.61 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

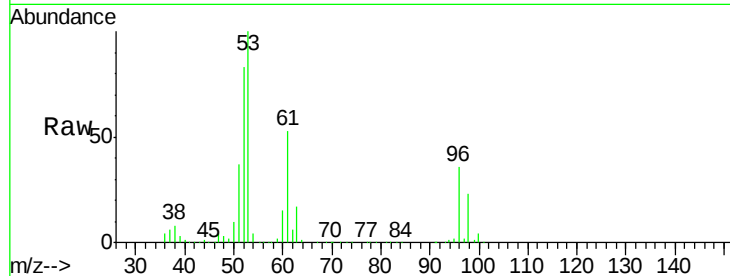
Tot Ion: 96 Resp: 127061

Ion Ratio Lower Upper

96 100

61 145.3 117.0 175.4

98 64.6 52.4 78.6

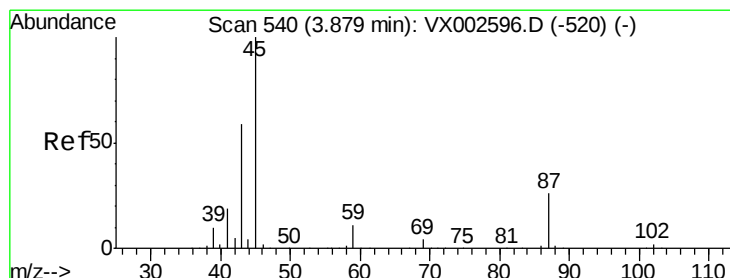
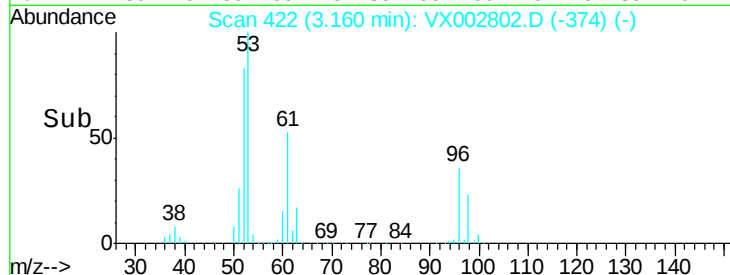
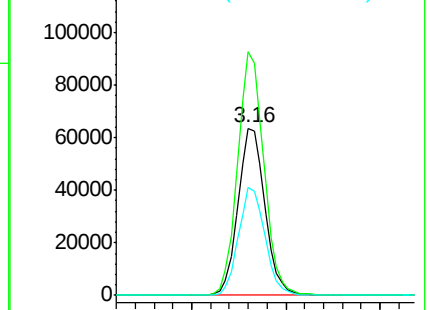


Abundance

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: 46.69 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion: 45 Resp: 440344

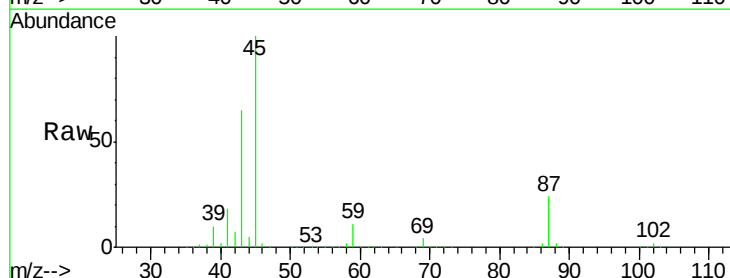
Ion Ratio Lower Upper

45 100

43 65.3 46.8 70.2

87 24.4 20.2 30.4

59 10.8 8.7 13.1



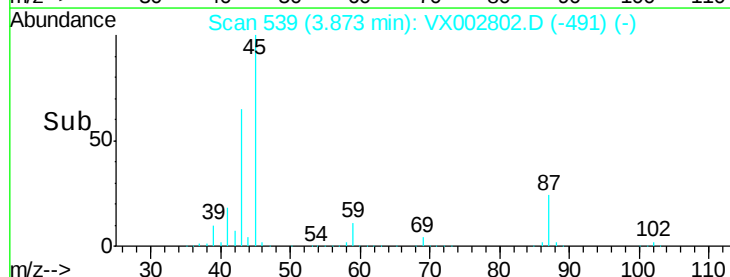
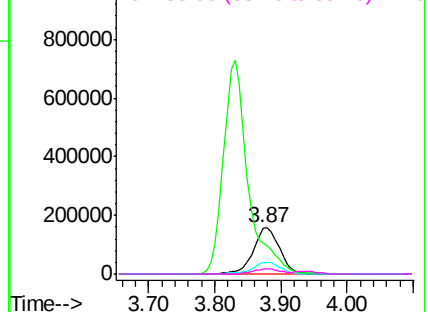
Abundance

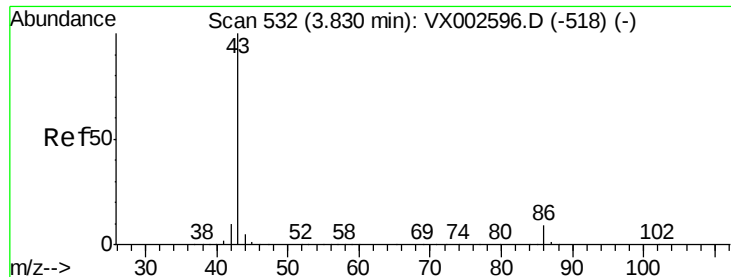
Ion 45.00 (44.70 to 45.70): VX0

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: 239.49 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

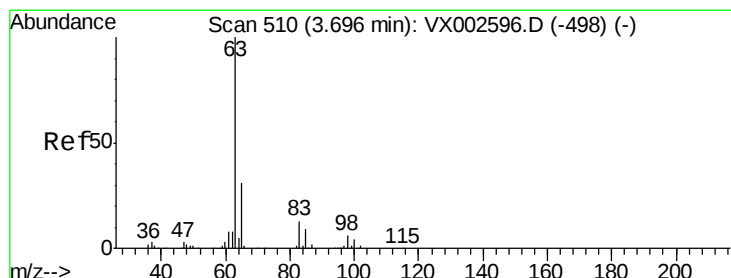
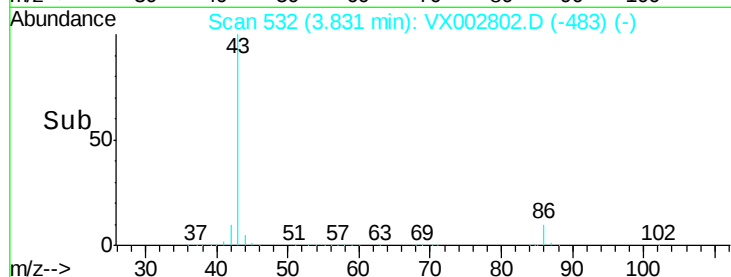
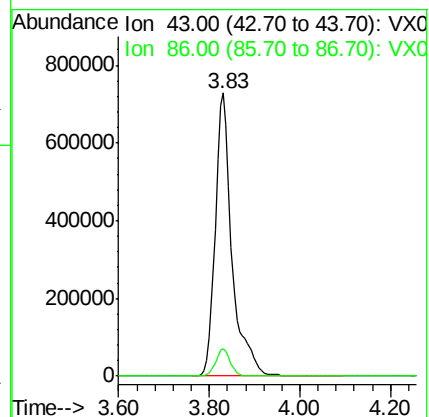
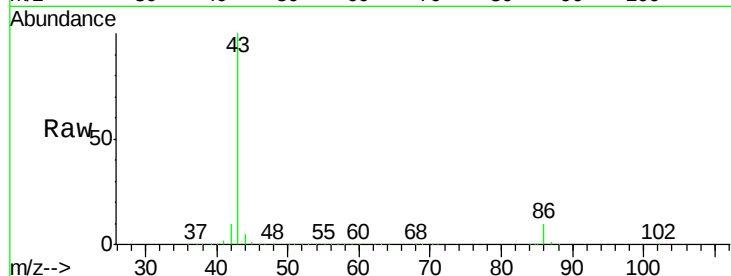
VSTDCCC050EC

Tot Ion: 43 Resp: 1890549

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.0



#24

1,1-Dichloroethane

Concen: 48.69 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

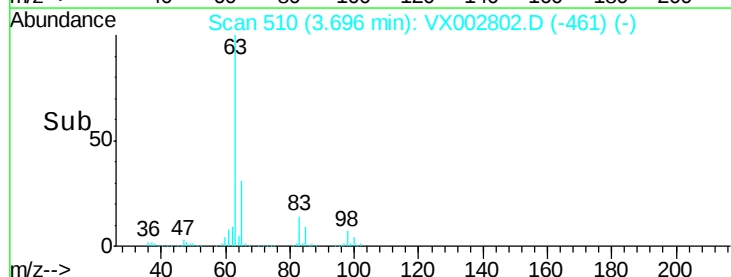
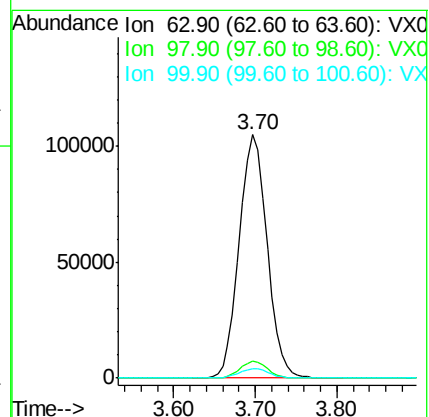
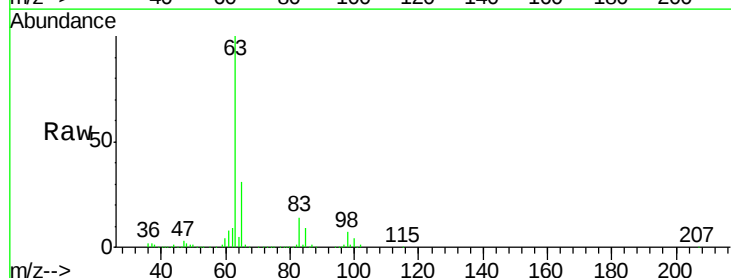
Tgt Ion: 63 Resp: 249267

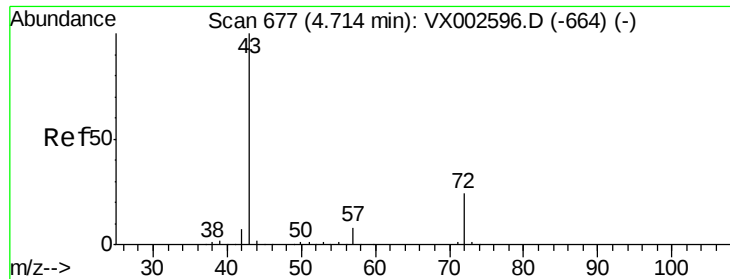
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 256.62 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

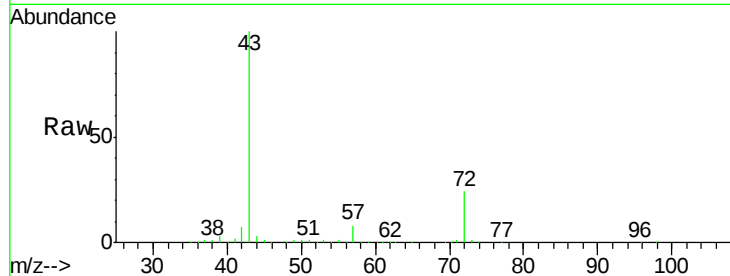
VSTDCCC050EC

Tot Ion: 43 Resp: 530922

Ion Ratio Lower Upper

43 100

72 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

200000

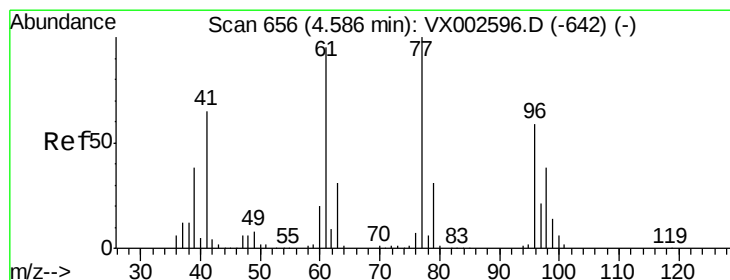
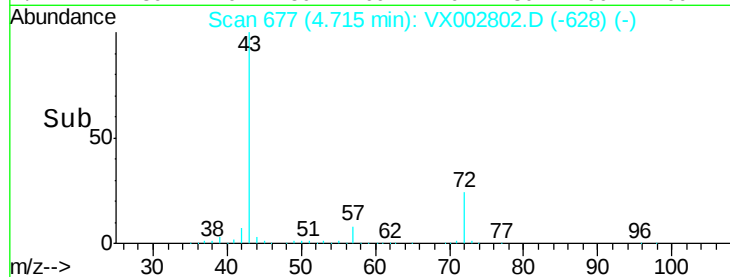
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 41.48 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002802.D

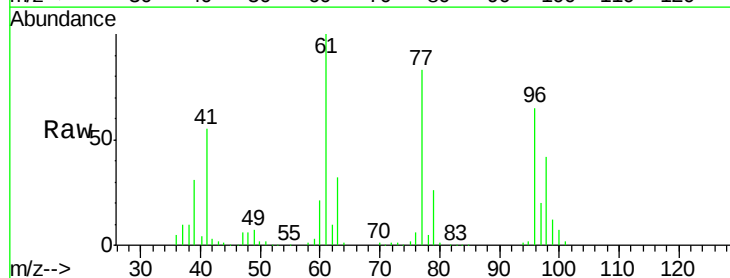
Acq: 21 Jun 2018 21:22

Tgt Ion: 77 Resp: 152566

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

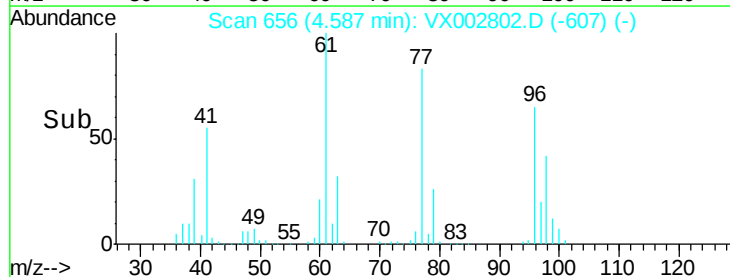
30000

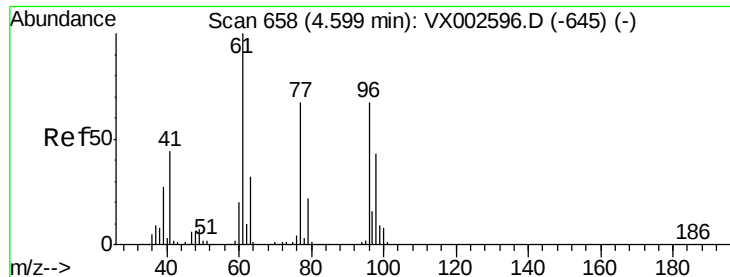
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.56 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

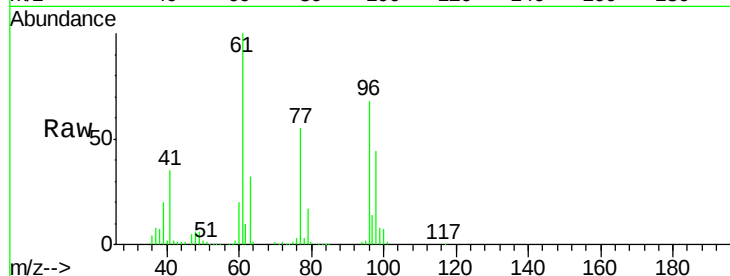
Tot Ion: 96 Resp: 140746

Ion Ratio Lower Upper

96 100

61 159.4 0.0 330.2

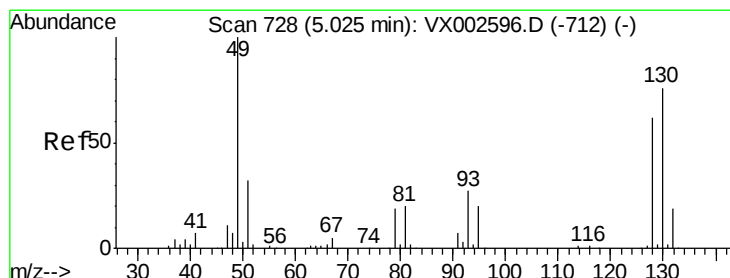
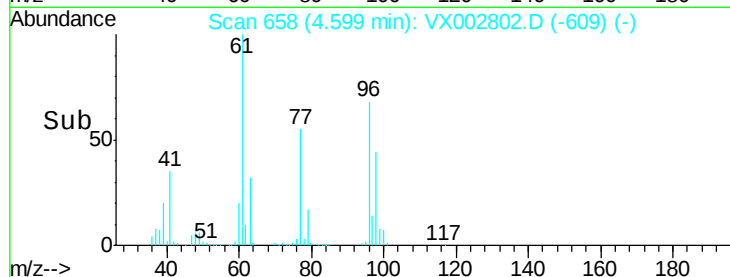
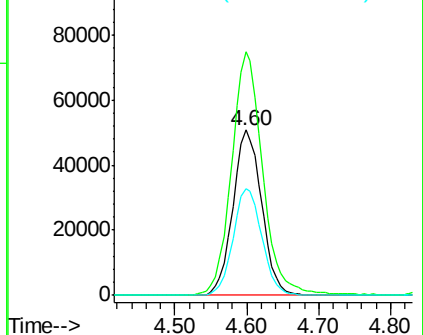
98 64.6 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 44.47 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

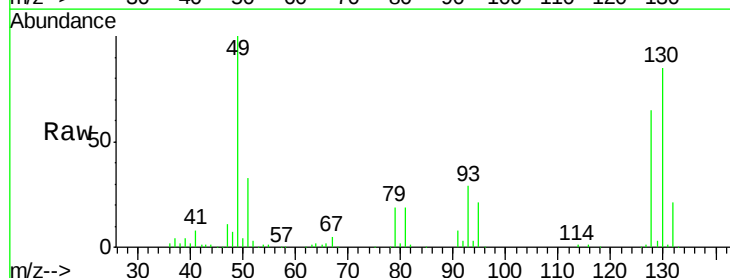
Tgt Ion: 49 Resp: 106617

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

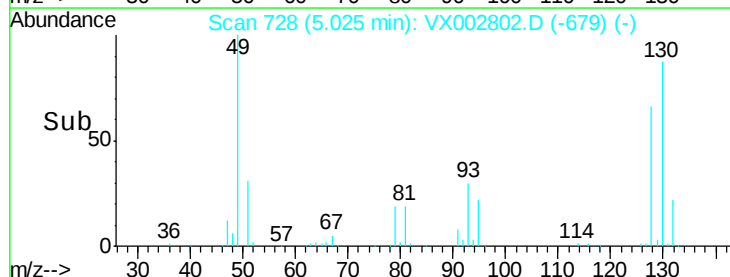
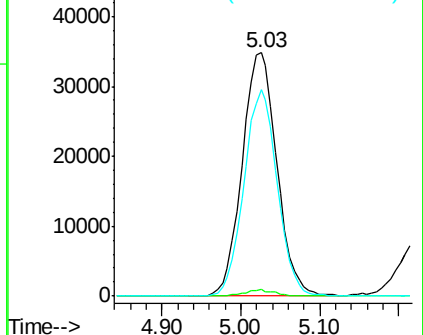
130 81.3 61.2 91.8

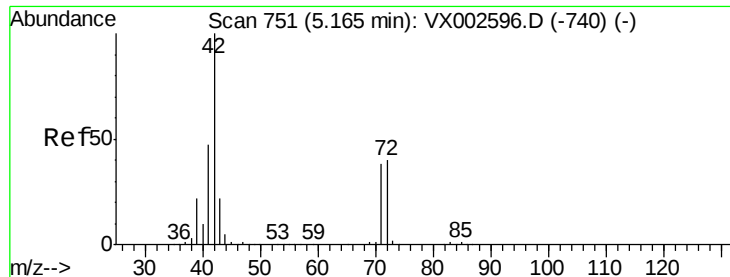


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 252.64 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

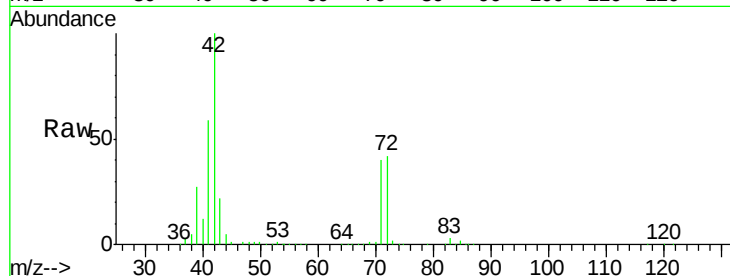
Tot Ion: 42 Resp: 342552

Ion Ratio Lower Upper

42 100

72 42.1 32.0 48.0

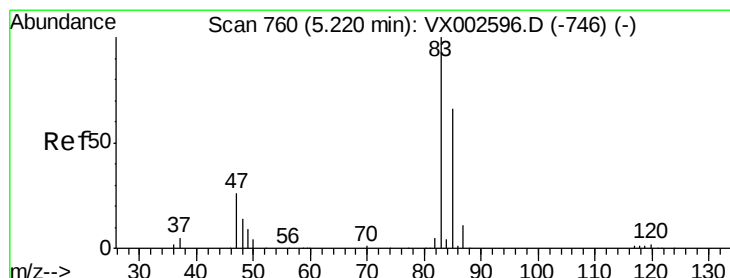
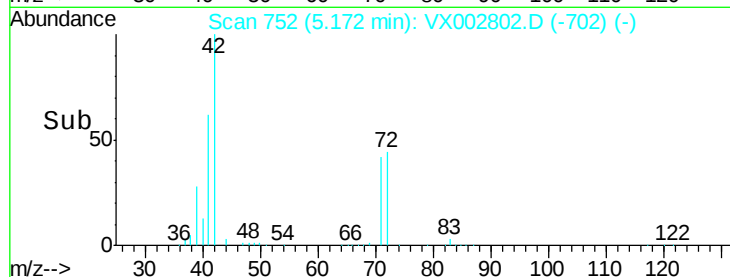
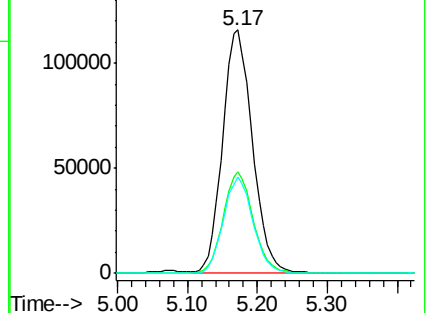
71 39.4 30.1 45.1



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: 50.85 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002802.D

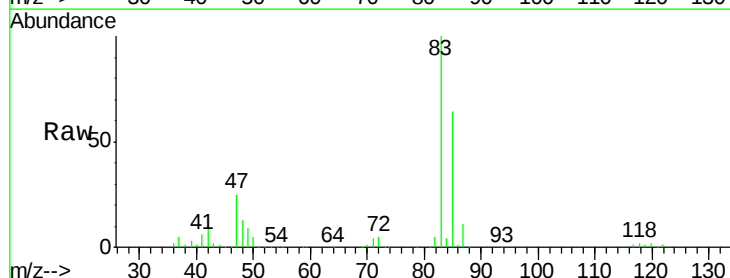
Acq: 21 Jun 2018 21:22

Tgt Ion: 83 Resp: 251032

Ion Ratio Lower Upper

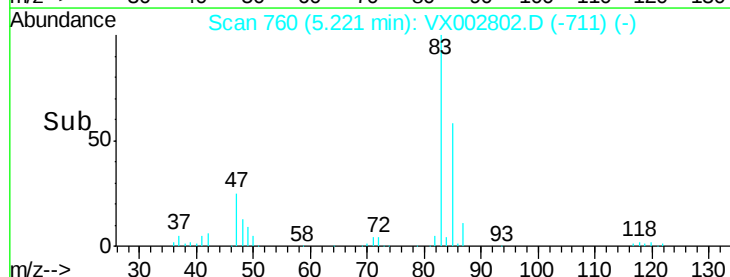
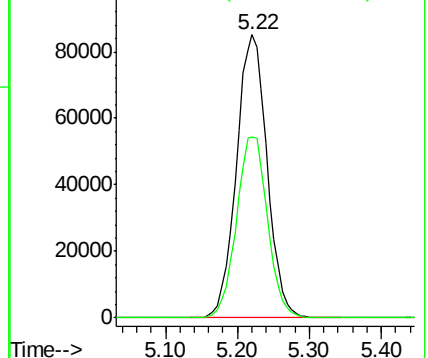
83 100

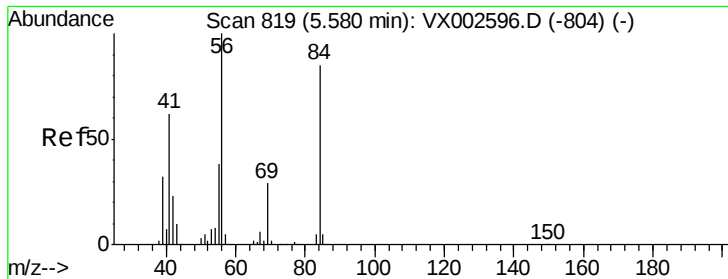
85 63.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.37 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

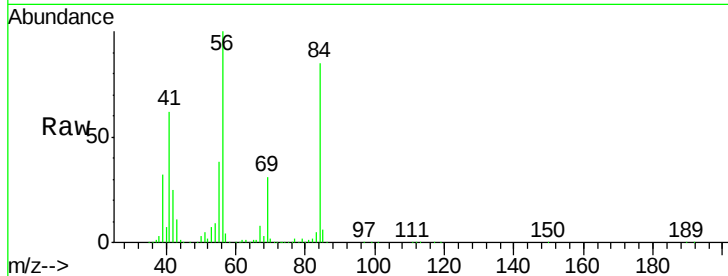
Tot Ion: 56 Resp: 208069

Ion Ratio Lower Upper

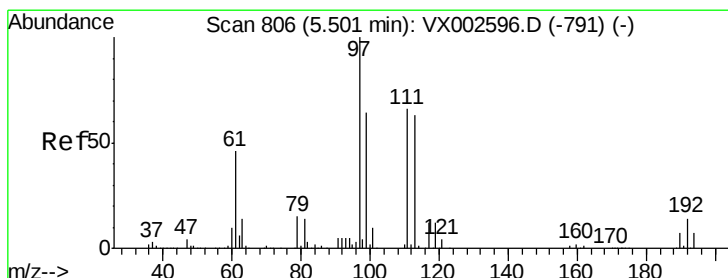
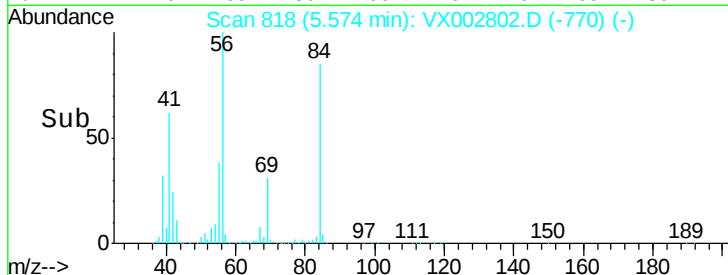
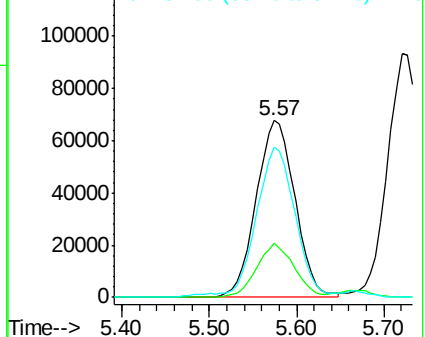
56 100

69 30.5 23.7 35.5

84 83.5 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: 53.50 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

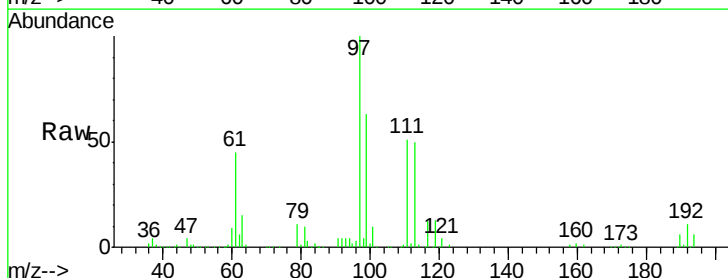
Tgt Ion: 97 Resp: 220889

Ion Ratio Lower Upper

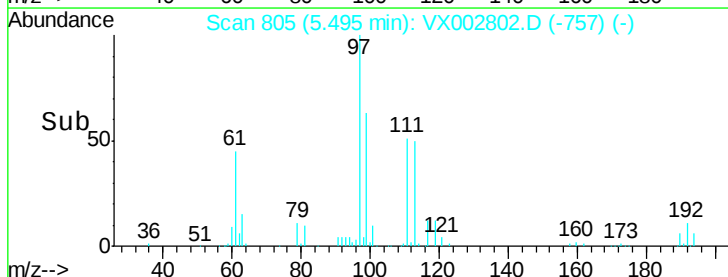
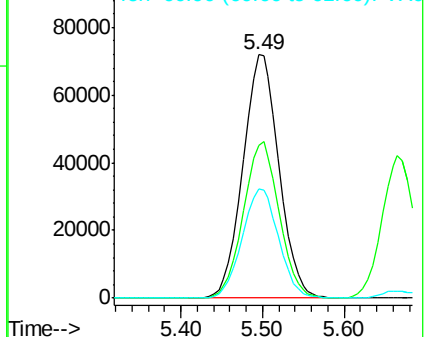
97 100

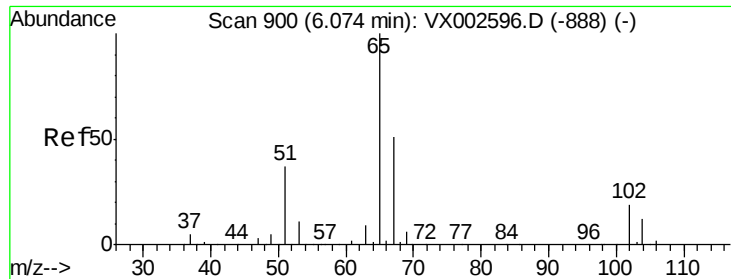
99 63.8 51.6 77.4

61 45.5 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

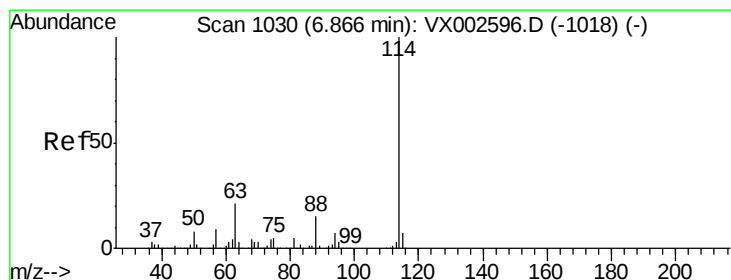
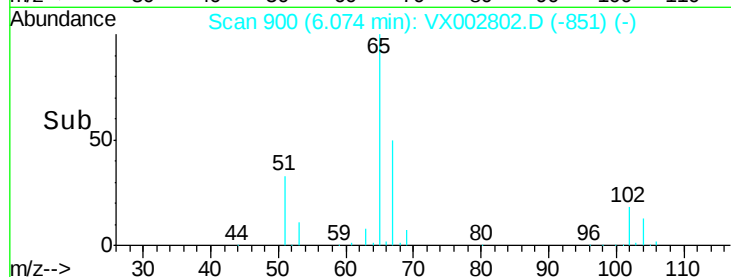
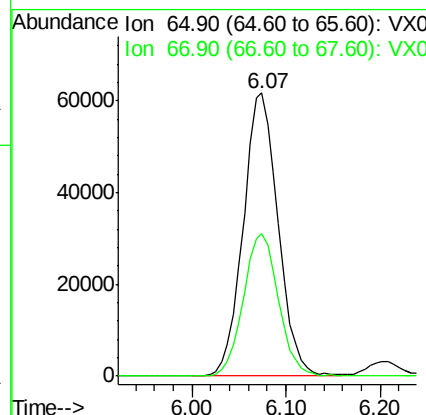
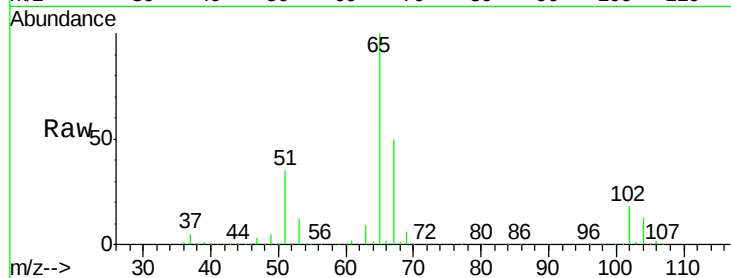




#33
 1,2-Dichloroethane-d4
 Concen: 44.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

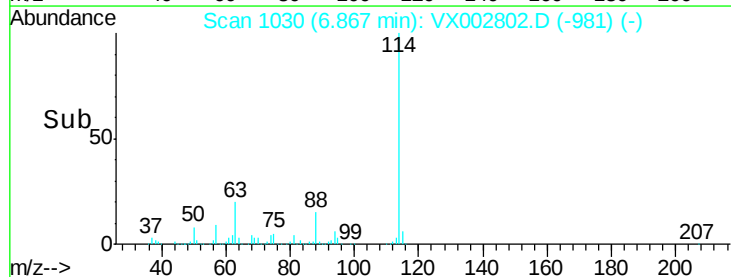
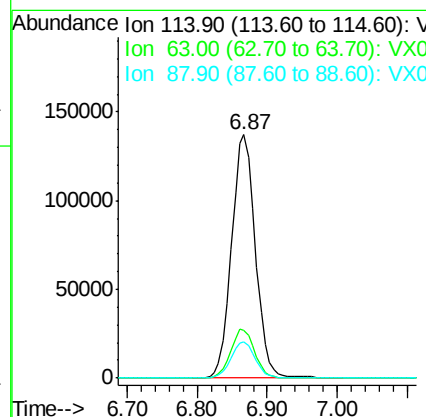
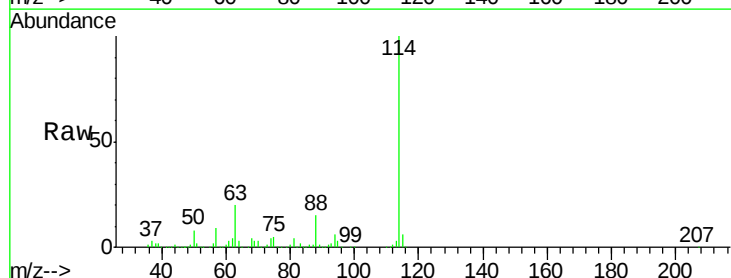
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

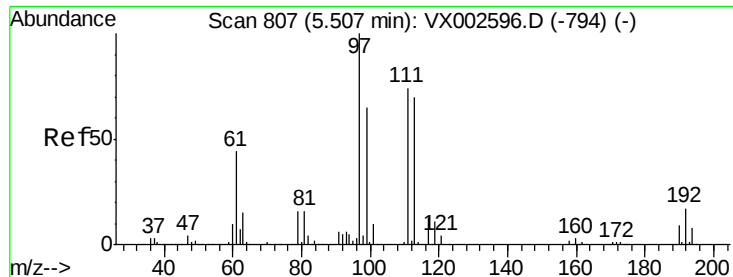
Tot Ion: 65 Resp: 159573
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion: 114 Resp: 325334
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 14.9 0.0 30.0

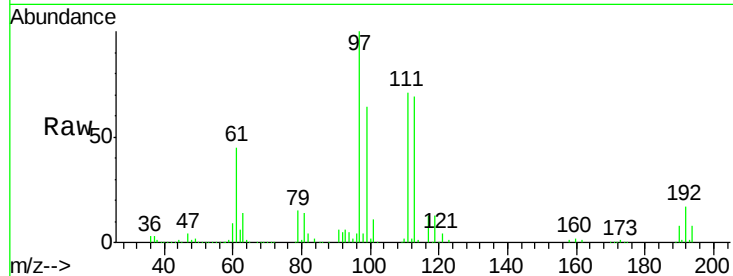




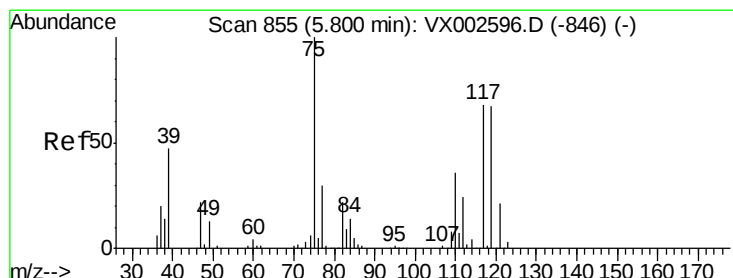
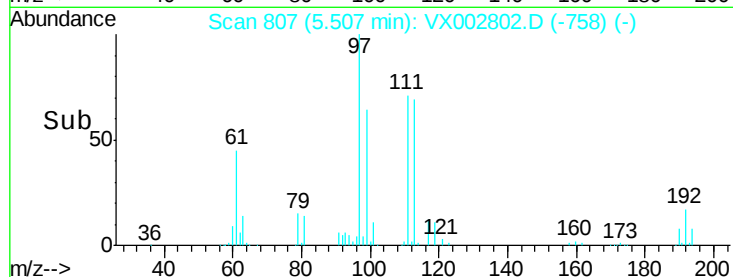
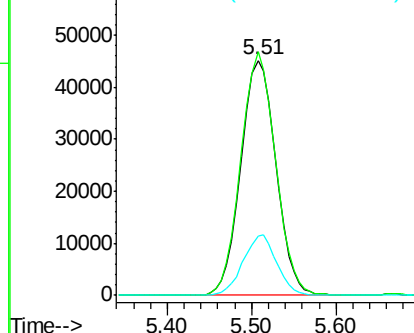
#35
Dibromofluoromethane
Concen: 49.38 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 128214
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 24.6 19.1 28.7

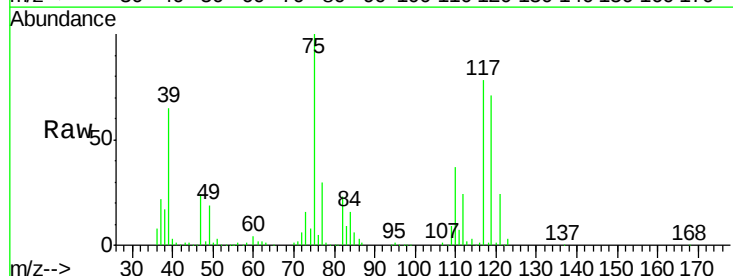


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

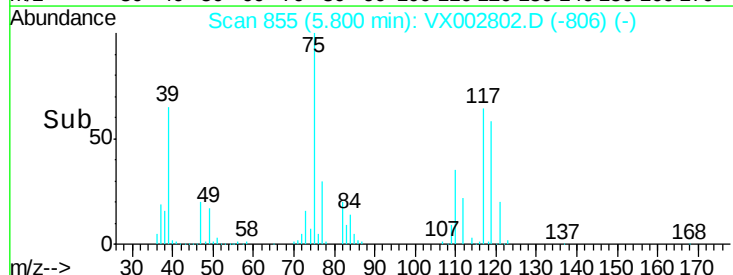
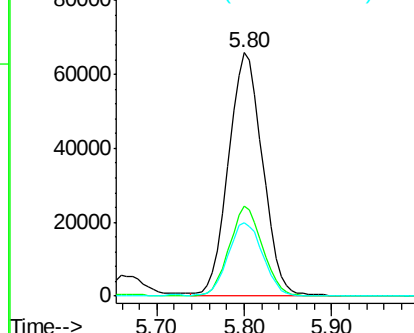


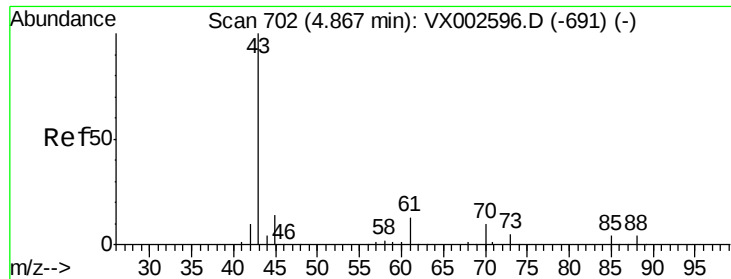
#36
1,1-Dichloropropene
Concen: 51.37 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 75 Resp: 177480
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.4
77 31.3 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: 52.53 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

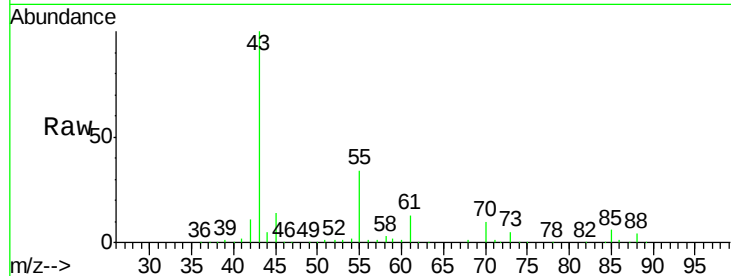
Tot Ion: 43 Resp: 205433

Ion Ratio Lower Upper

43 100

61 12.8 10.4 15.6

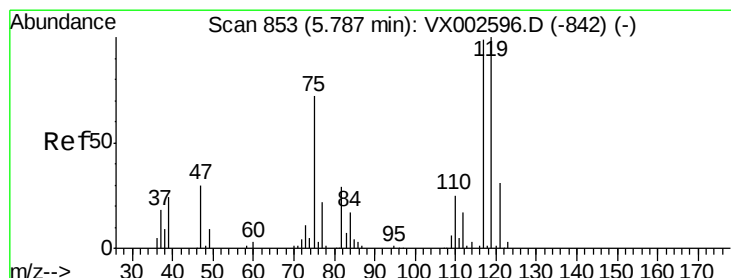
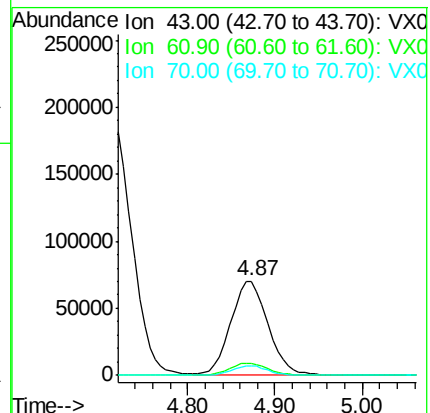
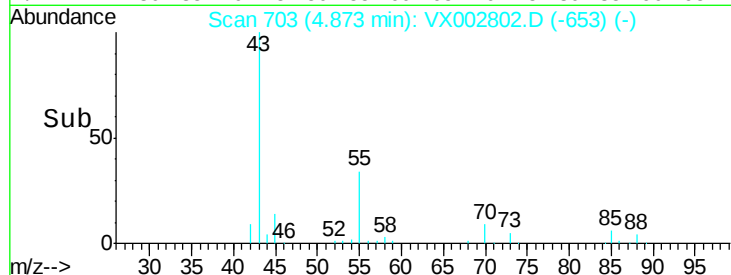
70 9.9 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002802.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX002802.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX002802.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 58.24 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

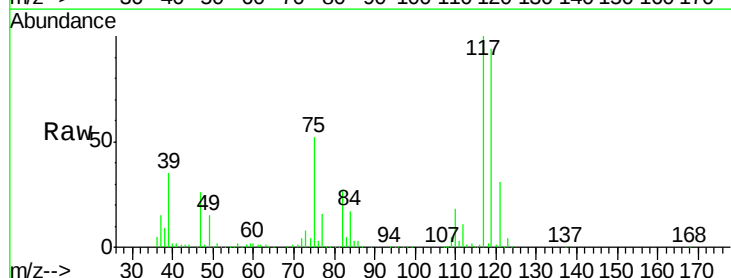
Tgt Ion: 117 Resp: 200384

Ion Ratio Lower Upper

117 100

119 94.2 77.4 116.0

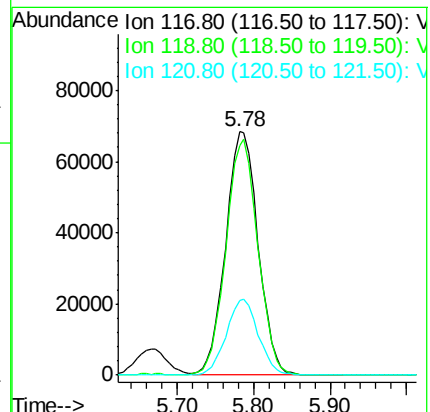
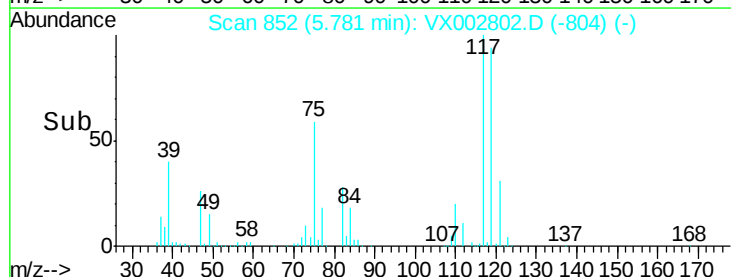
121 30.7 24.4 36.6

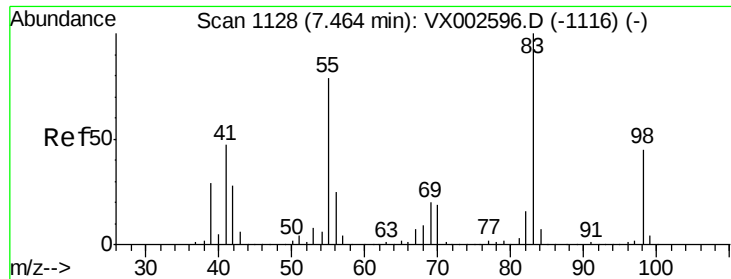


Abundance Ion 116.80 (116.50 to 117.50): VX002802.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX002802.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX002802.D (-804) (-)

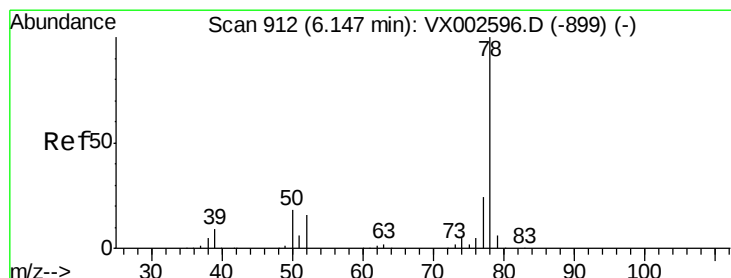
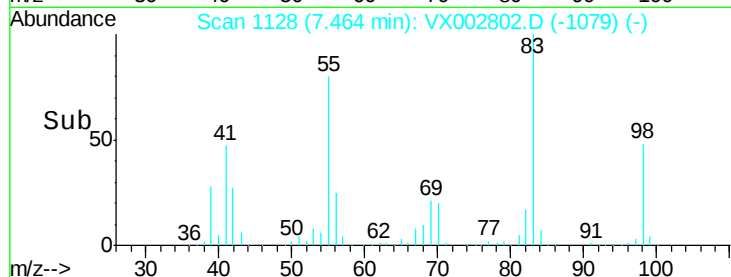
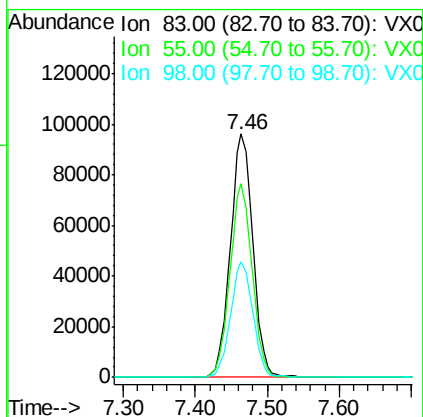
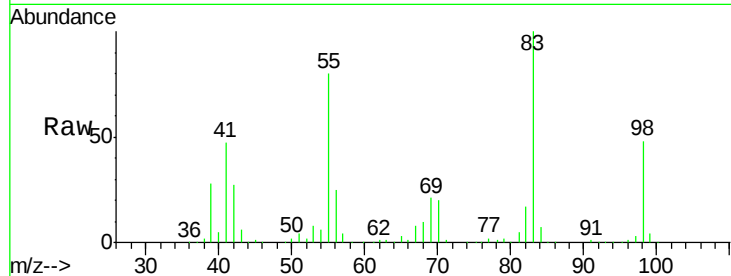




#39
Methvlcvclohexane
Concen: 51.84 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

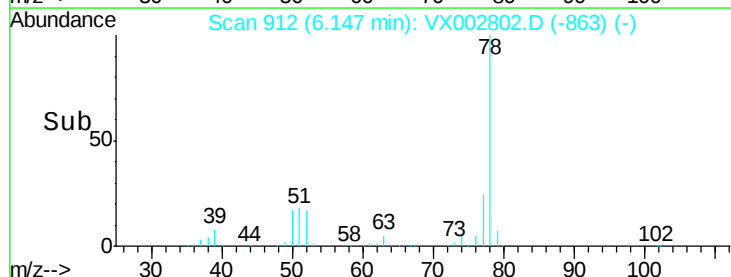
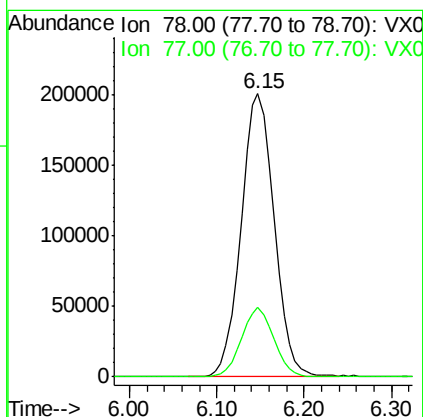
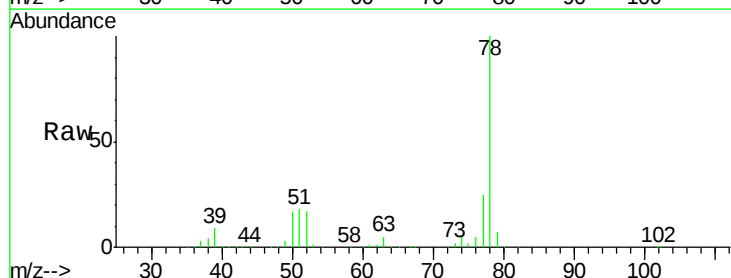
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

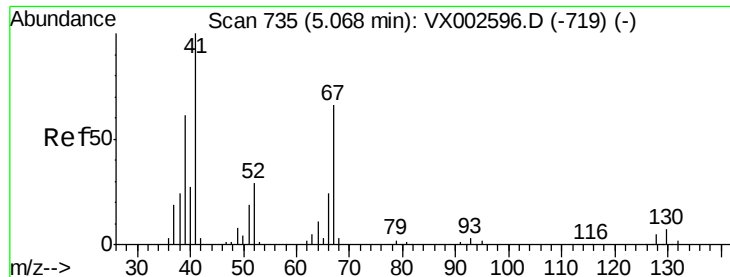
Tot Ion: 83 Resp: 209382
Ion Ratio Lower Upper
83 100
55 79.8 65.4 98.0
98 47.5 37.4 56.0



#40
Benzene
Concen: 50.79 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 78 Resp: 526232
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

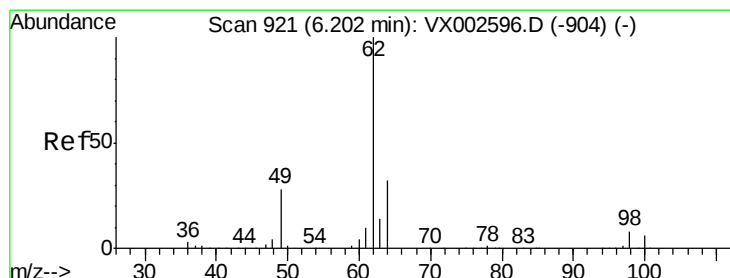
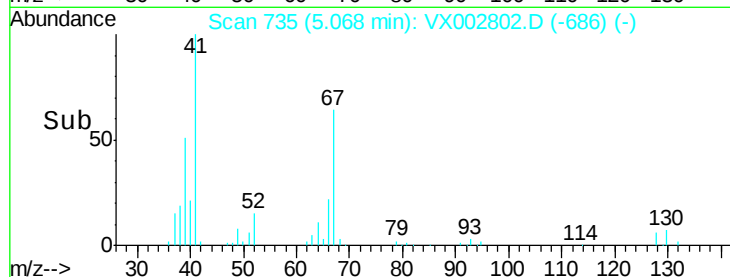
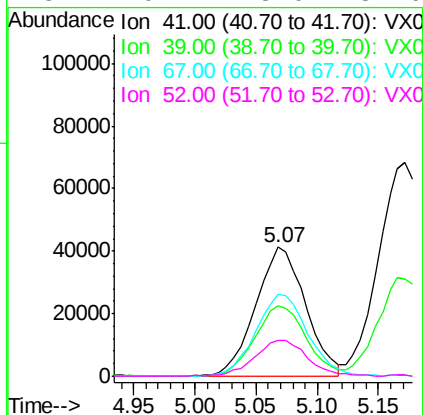
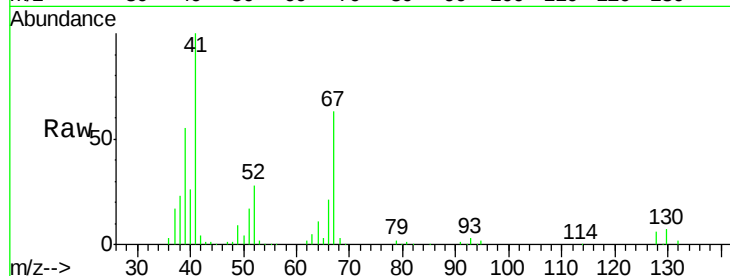




#41
Methacrylonitrile
Concen: 52.85 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

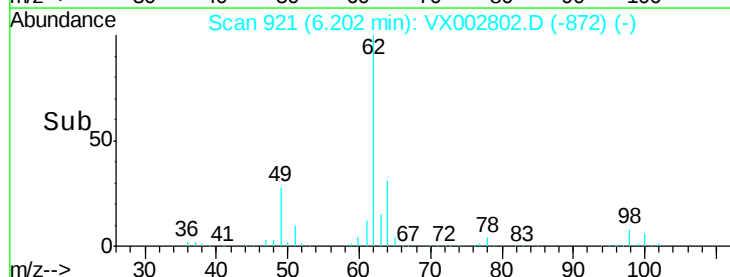
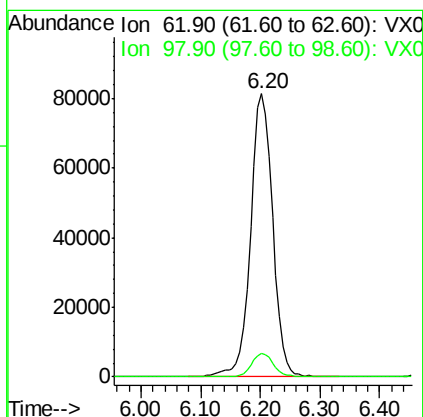
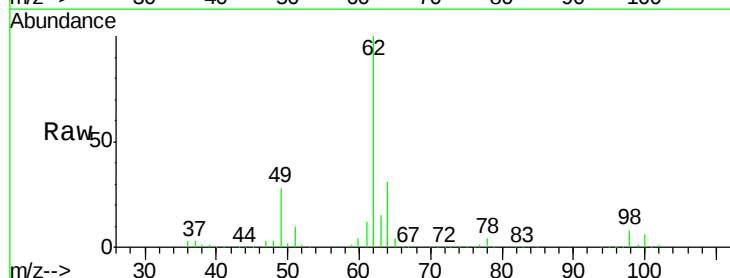
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

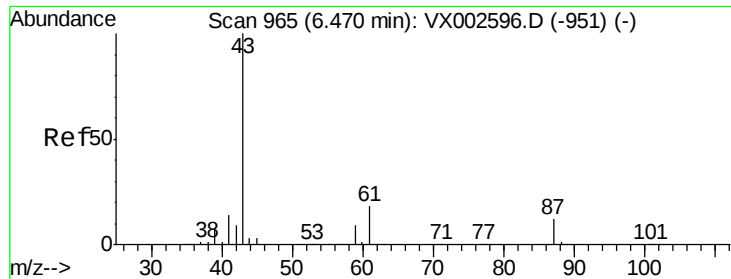
Tot Ion:	41	Resp:	11693
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	66.4	51.3	76.9
52	29.4	23.0	34.6



#42
1,2-Dichloroethane
Concen: 52.41 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion:	62	Resp:	210207
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.17 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

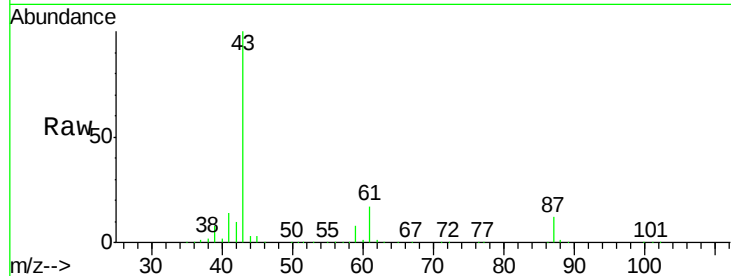
Tot Ion: 43 Resp: 331570

Ion Ratio Lower Upper

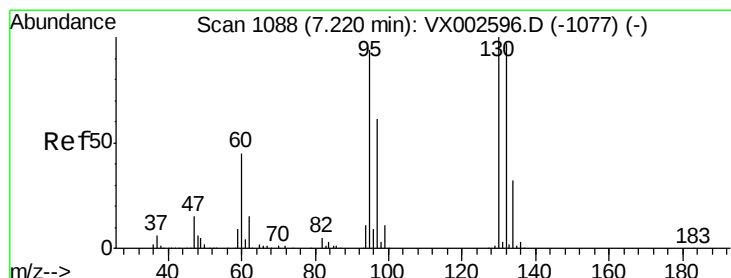
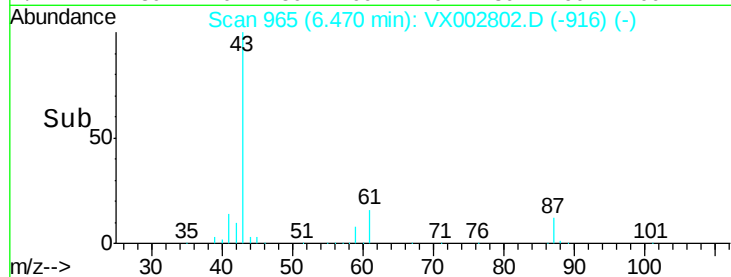
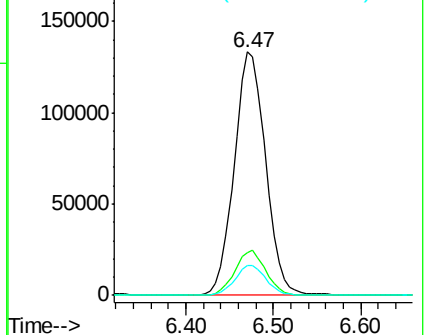
43 100

61 18.4 14.4 21.6

87 12.4 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: 51.31 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002802.D

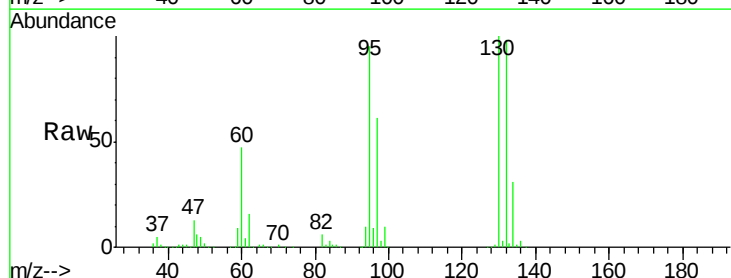
Acq: 21 Jun 2018 21:22

Tgt Ion:130 Resp: 153429

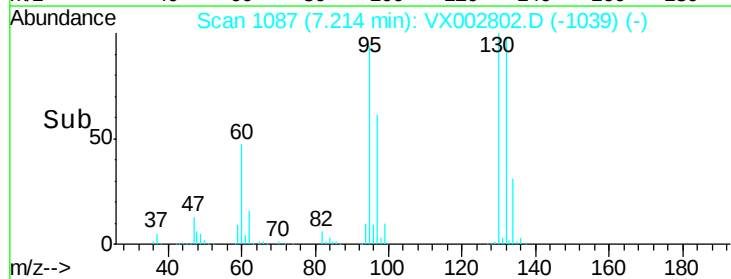
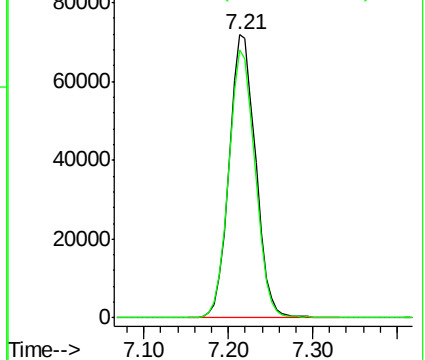
Ion Ratio Lower Upper

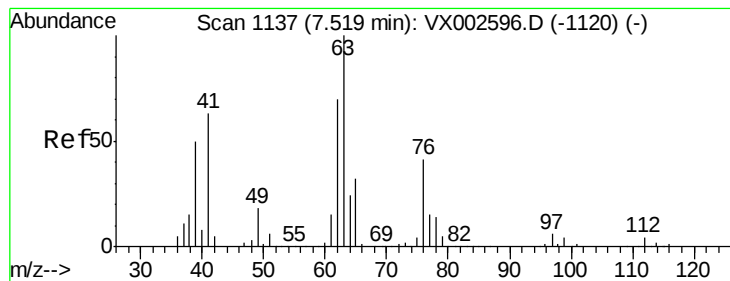
130 100

95 94.5 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: 51.99 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

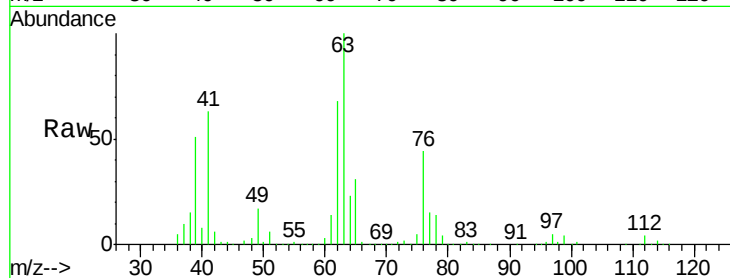
VSTDCCC050EC

Tot Ion: 63 Resp: 141776

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

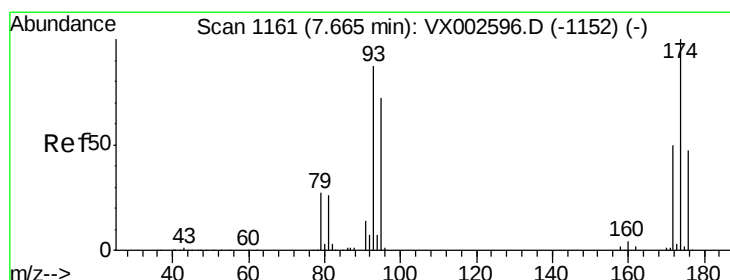
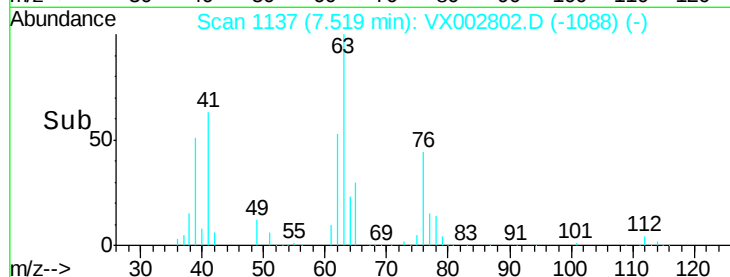
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 53.66 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

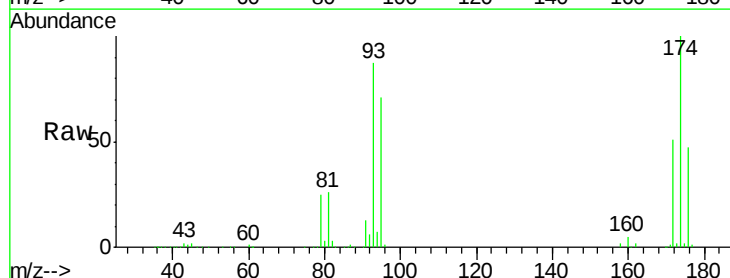
Tgt Ion: 93 Resp: 97883

Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 117.6 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

7.67

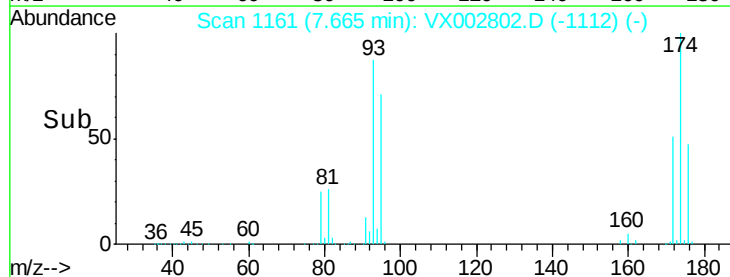
60000

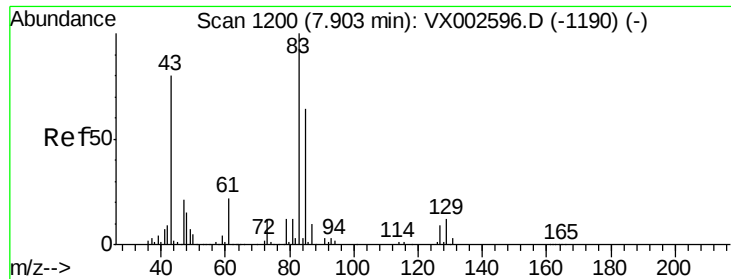
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 58.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

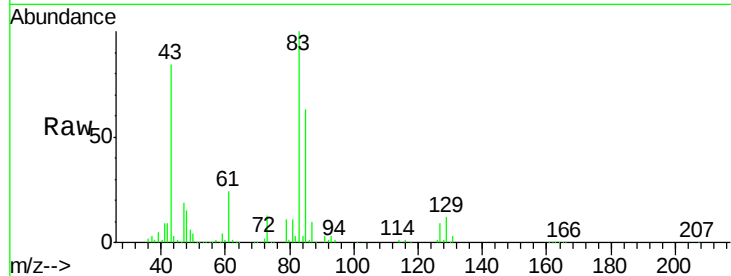
Tot Ion: 83 Resp: 186933

Ion Ratio Lower Upper

83 100

85 62.6 50.3 75.5

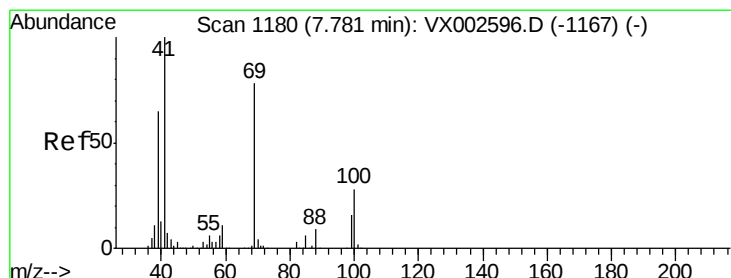
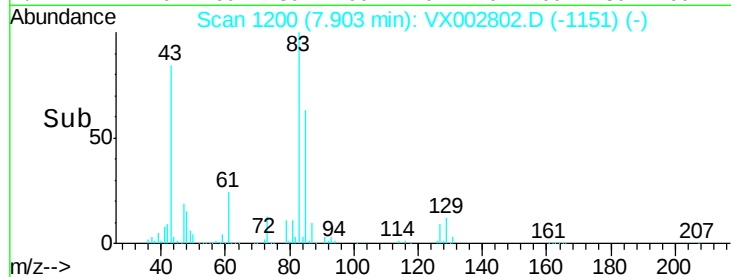
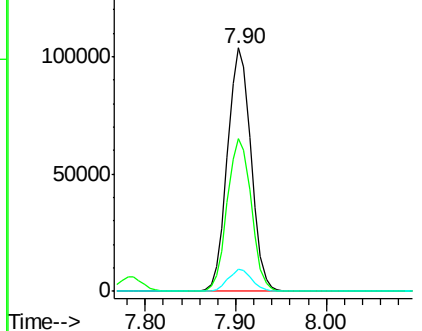
127 9.2 7.0 10.4



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: 53.09 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

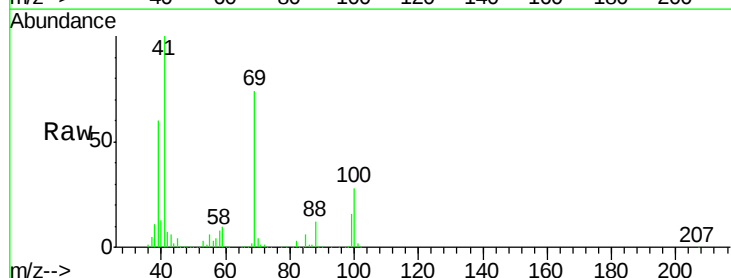
Tgt Ion: 41 Resp: 175784

Ion Ratio Lower Upper

41 100

69 76.6 59.1 88.7

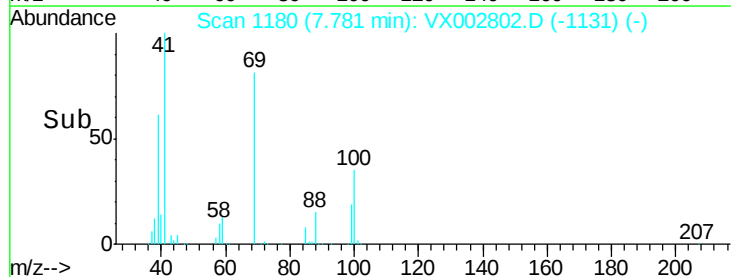
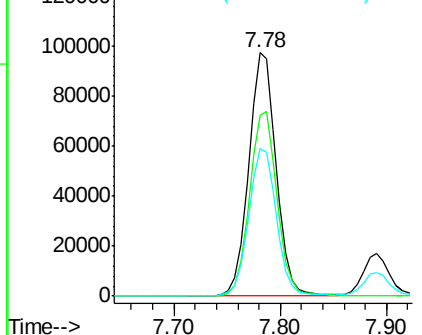
39 61.2 48.9 73.3

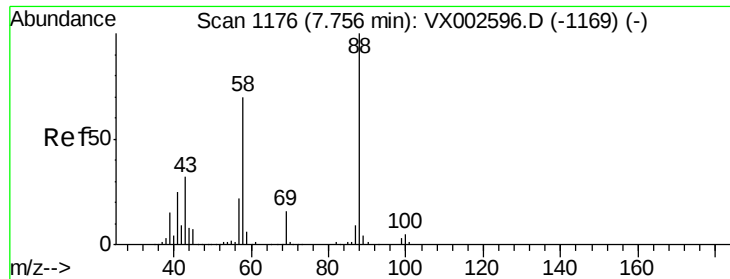


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

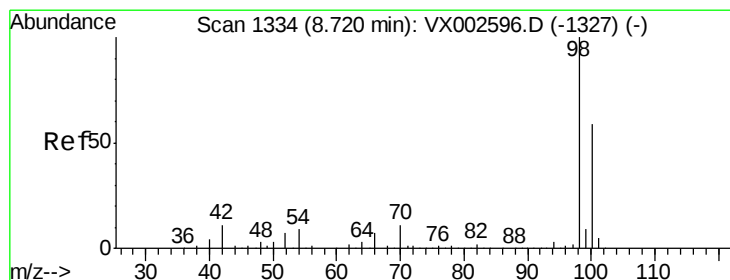
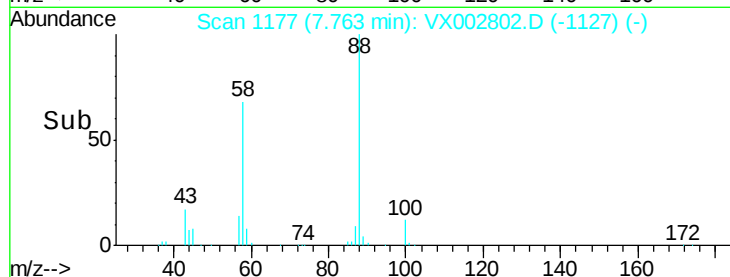
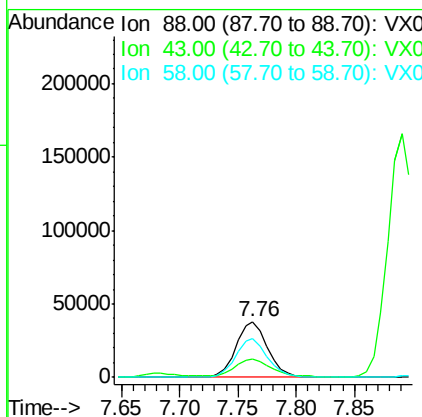
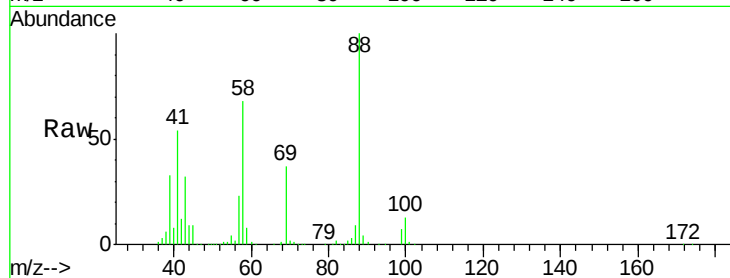




#49
1,4-Dioxane
Concen: 1142.38 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

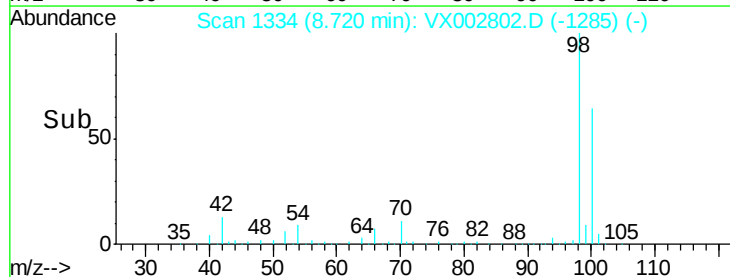
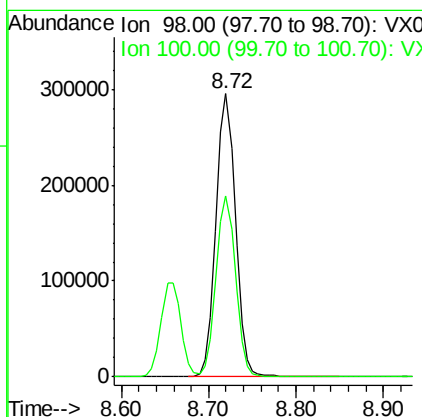
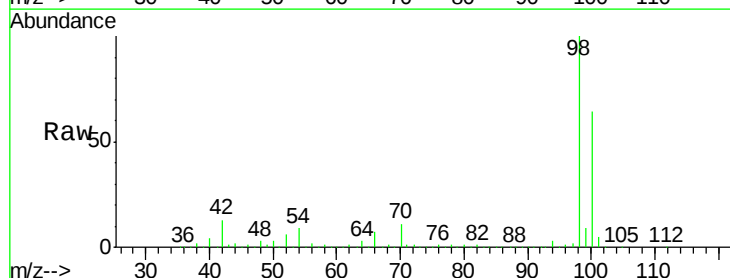
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 71633
Ion Ratio Lower Upper
88 100
43 35.7 29.8 44.6
58 69.9 57.1 85.7



#50
Toluene-d8
Concen: 46.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 98 Resp: 457151
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 269.66 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

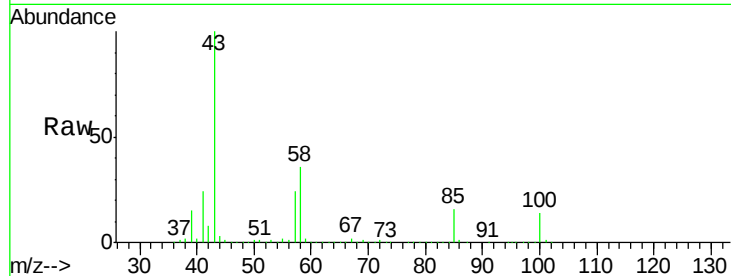
VSTDCCC050EC

Tot Ion: 43 Resp: 1121896

Ion Ratio Lower Upper

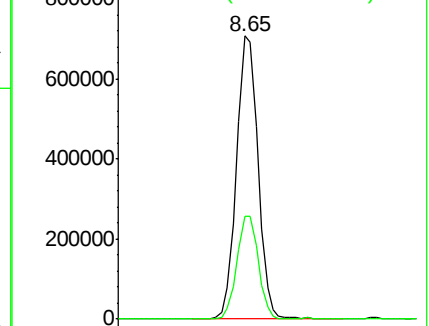
43 100

58 36.5 28.6 42.8

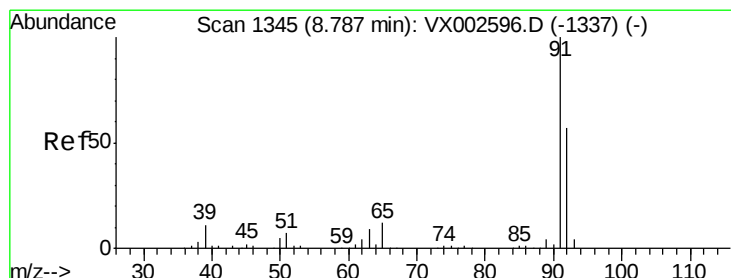
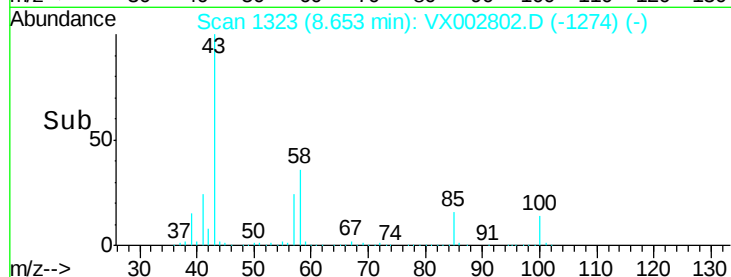


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 52.28 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002802.D

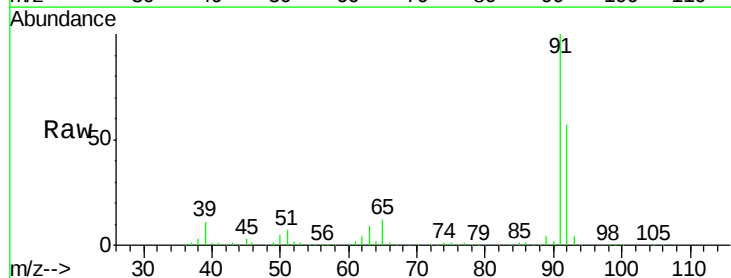
Acq: 21 Jun 2018 21:22

Tgt Ion: 92 Resp: 345493

Ion Ratio Lower Upper

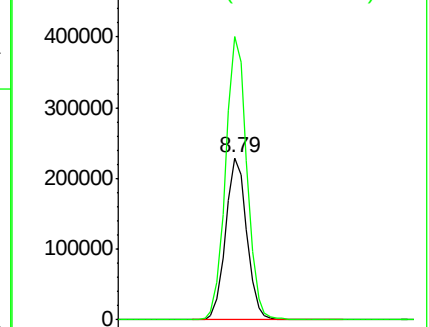
92 100

91 175.2 140.4 210.6

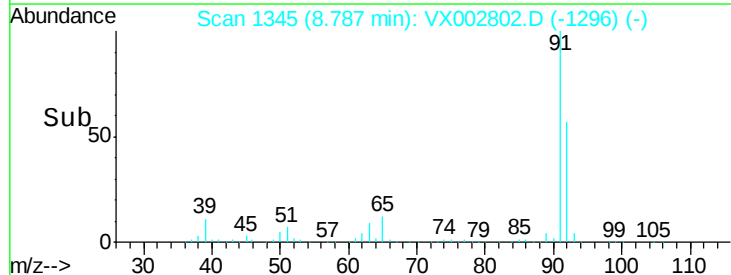


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->

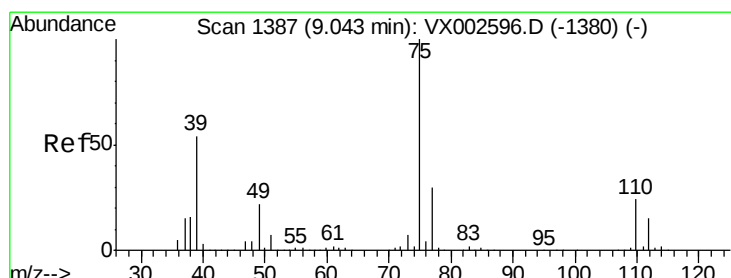
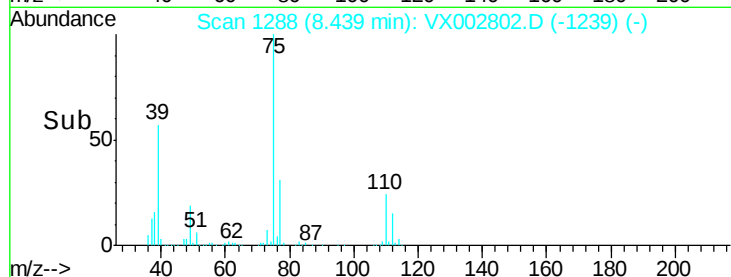
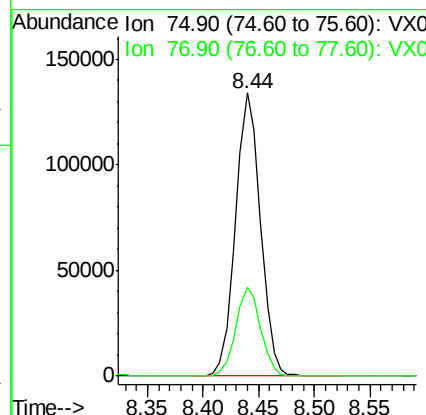
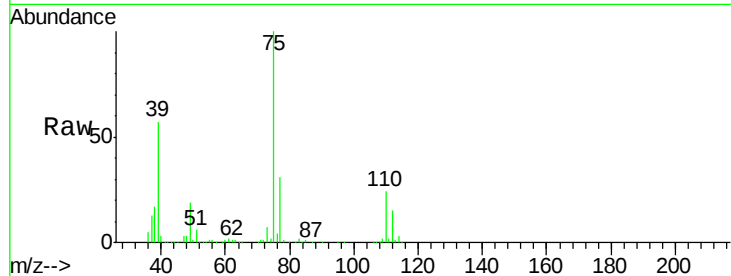




#53
t-1,3-Dichloropropene
Concen: 48.91 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

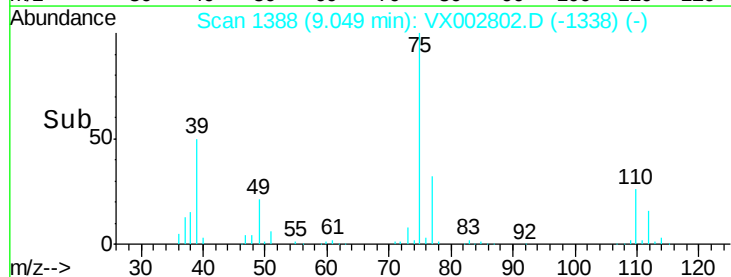
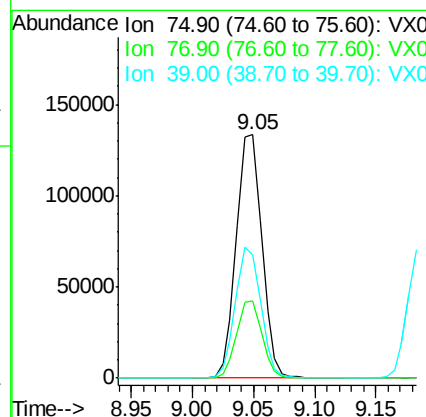
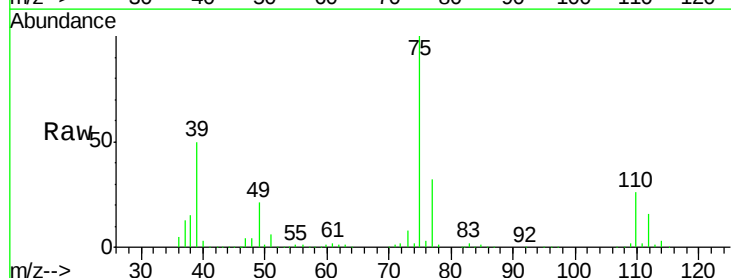
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

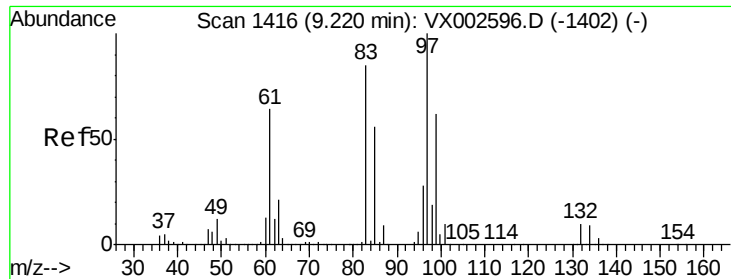
Tot Ion: 75 Resp: 208055
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 47.96 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 75 Resp: 194253
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 50.4 42.4 63.6



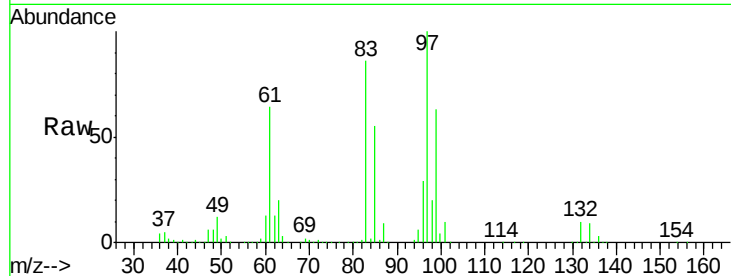


#55
 1,1,2-Trichloroethane
 Concen: 53.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 143770

Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	55.2	44.9	67.3
99	63.2	49.8	74.8



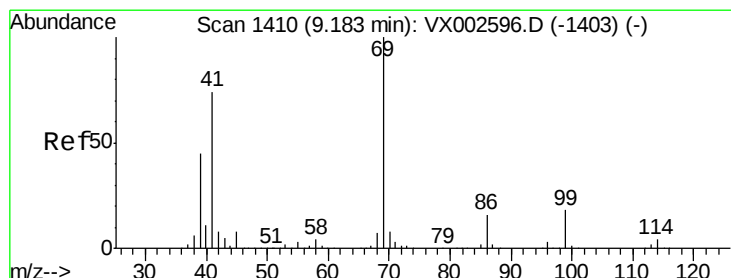
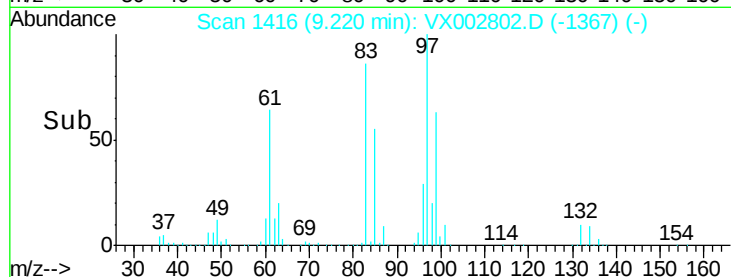
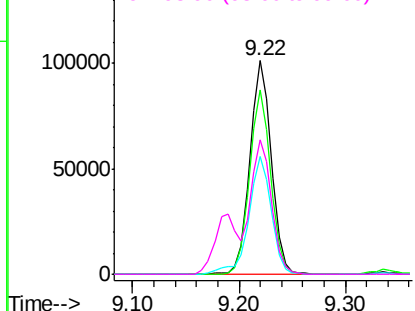
Abundance

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

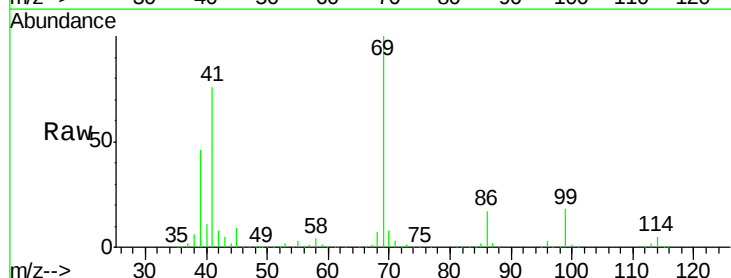
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 53.22 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion: 69 Resp: 218719

Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	44.5	35.8	53.8

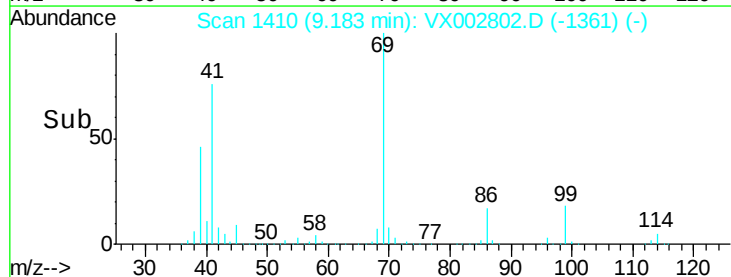
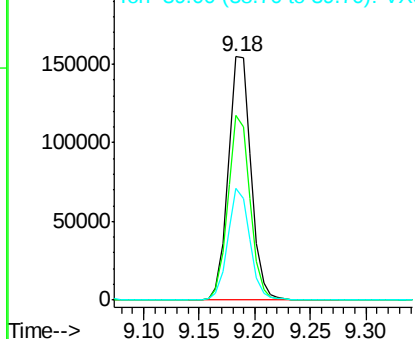


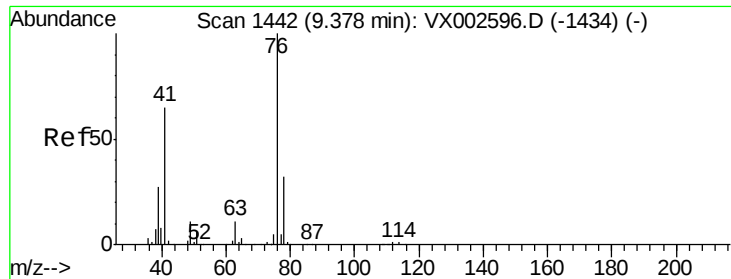
Abundance

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

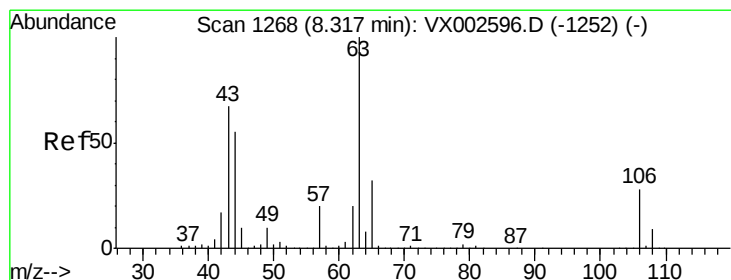
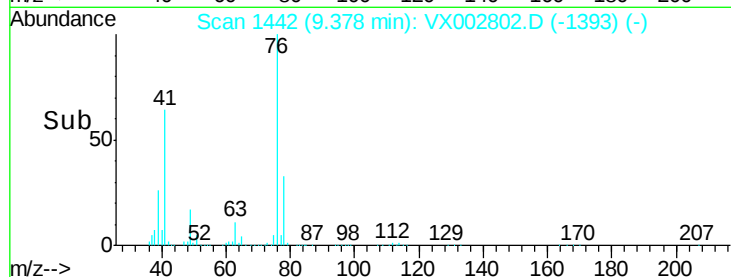
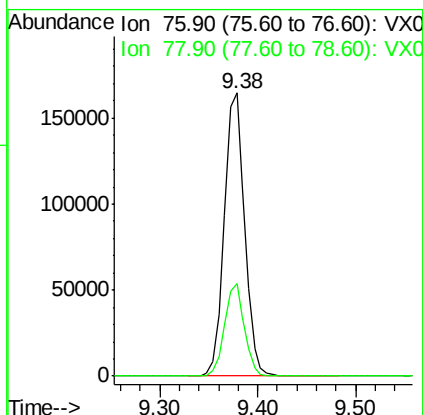
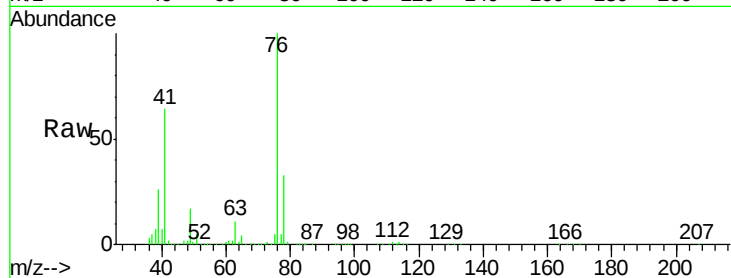




#57
 1,3-Dichloropropane
 Concen: 52.50 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

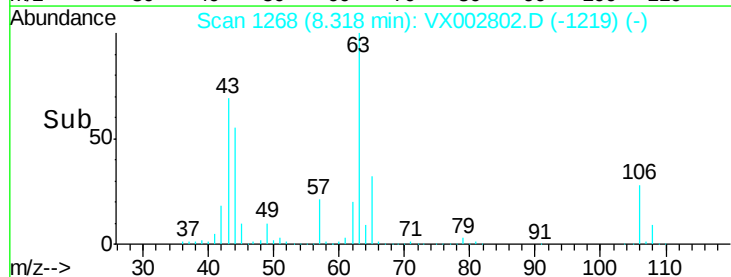
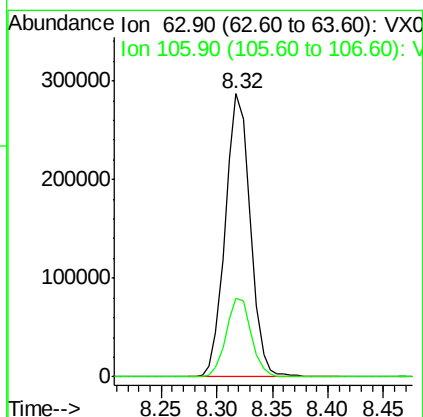
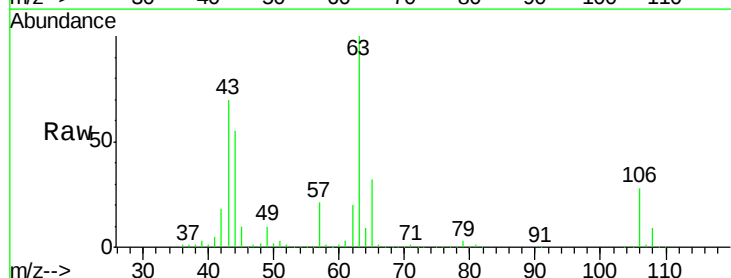
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

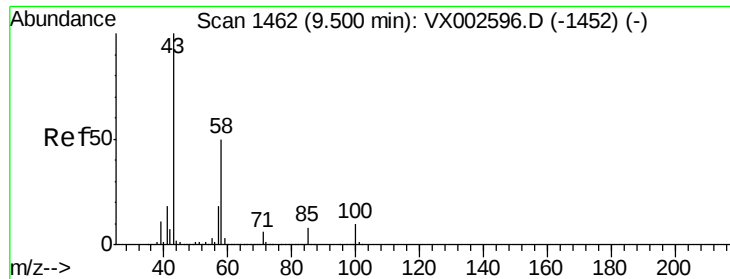
Tot Ion: 76 Resp: 237142
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 224.70 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion: 63 Resp: 446644
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8

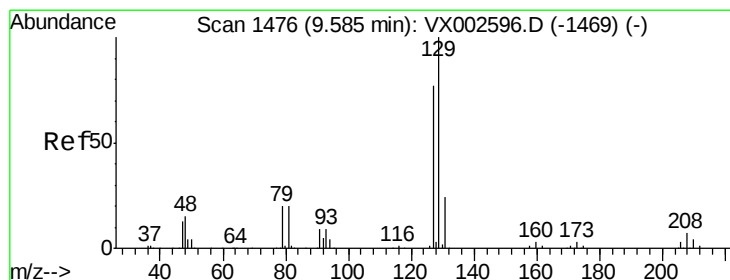
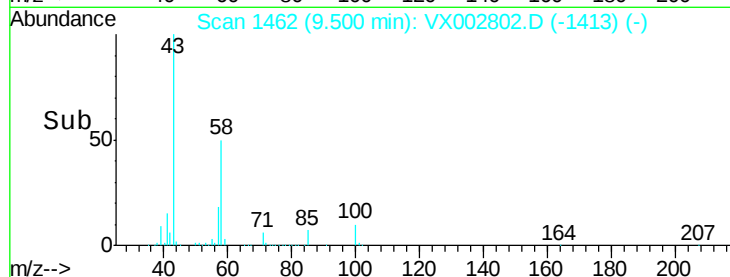
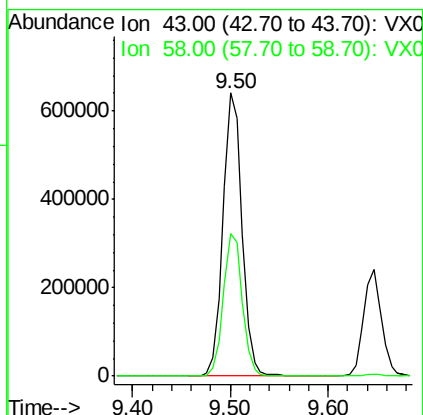
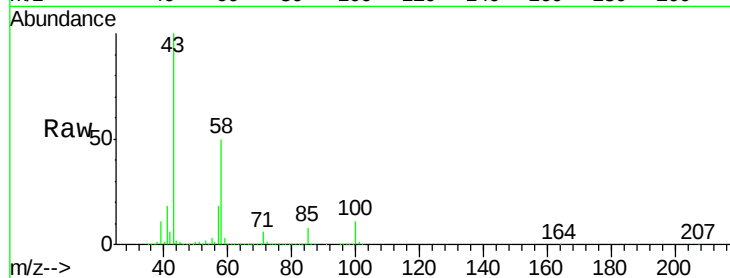




#59
2-Hexanone
Concen: 276.01 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

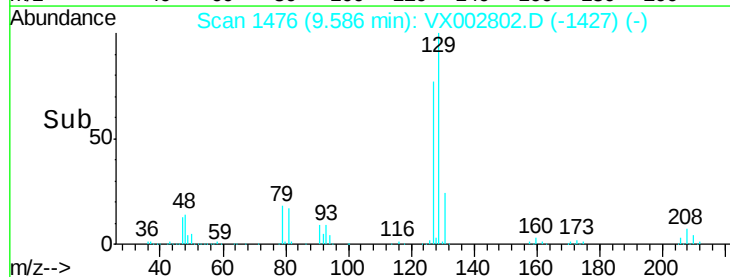
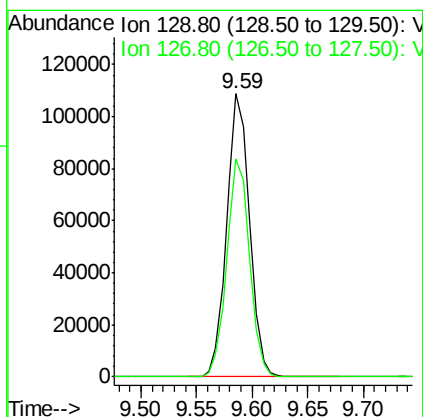
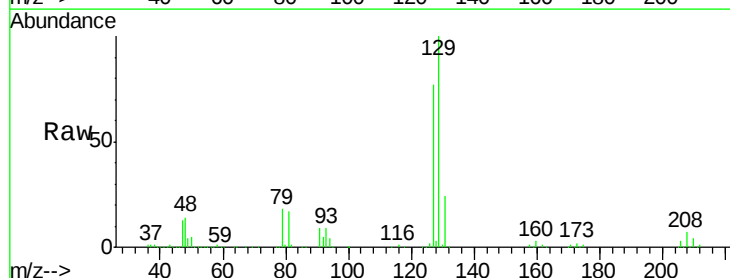
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

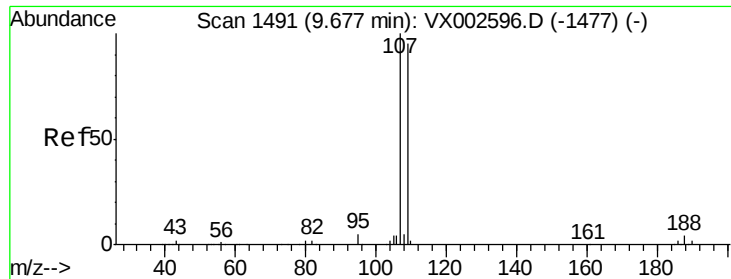
Tot Ion: 43 Resp: 865271
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6



#60
Dibromochloromethane
Concen: 51.18 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 129 Resp: 154038
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 55.30 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

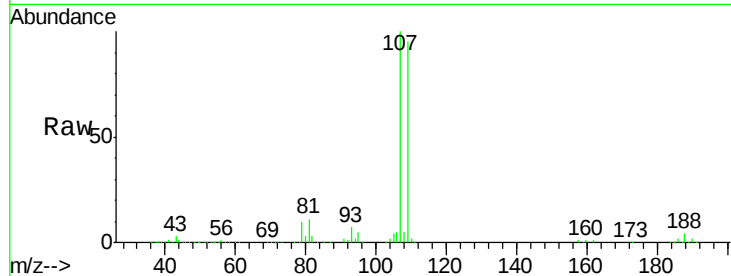
VSTDCCC050EC

Tot Ion:107 Resp: 152952

Ion Ratio Lower Upper

107 100

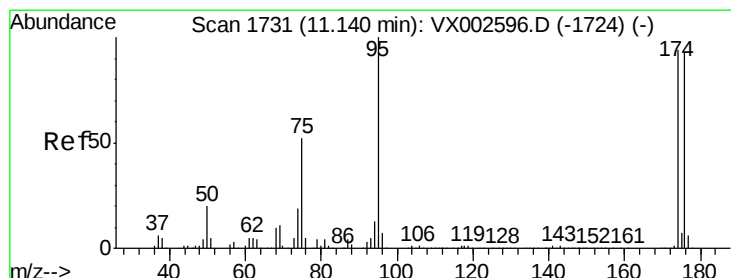
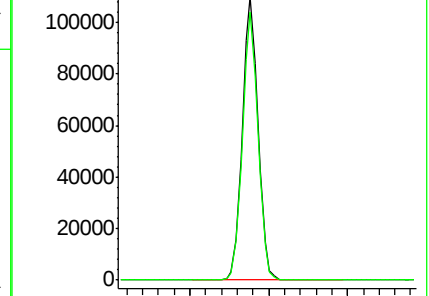
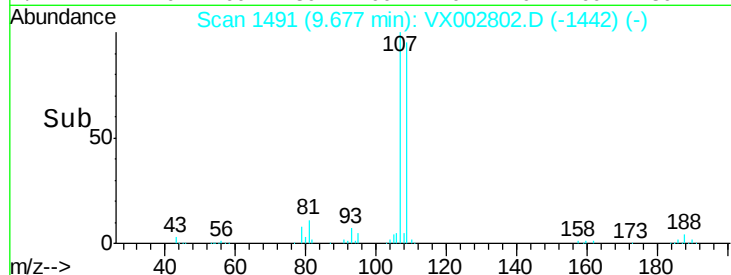
109 93.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68



#62

4-Bromofluorobenzene

Concen: 48.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

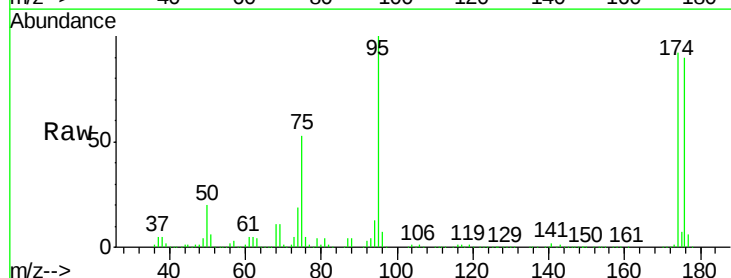
Tgt Ion: 95 Resp: 182040

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

176 93.7 0.0 181.0

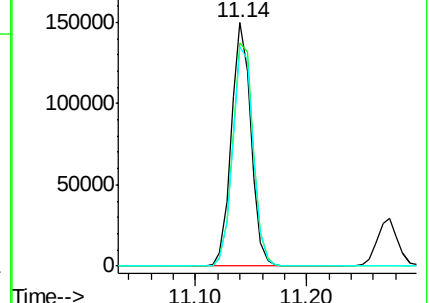
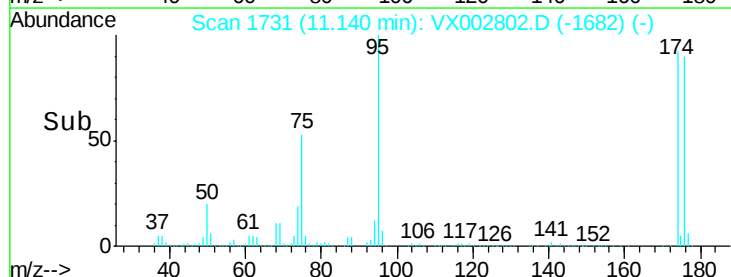


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

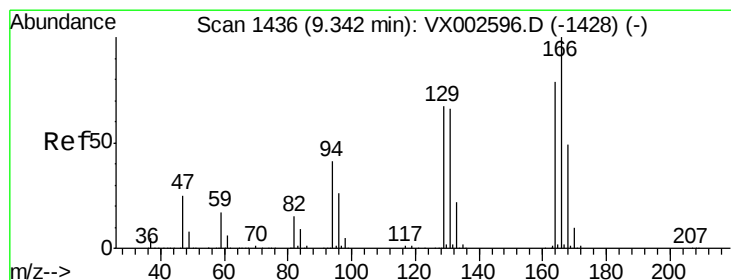
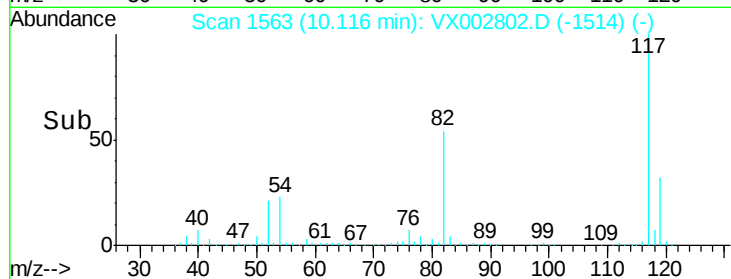
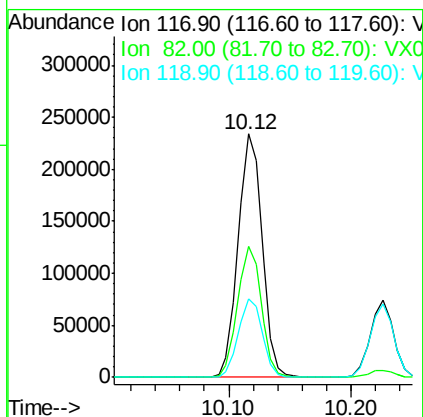
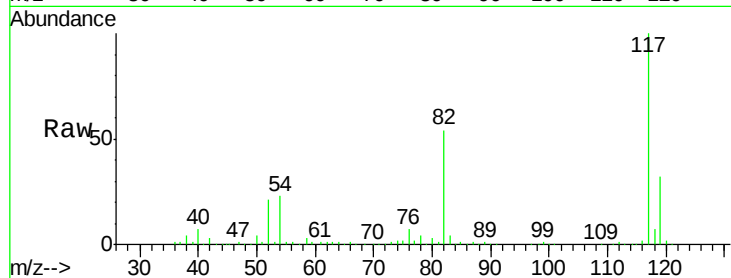




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

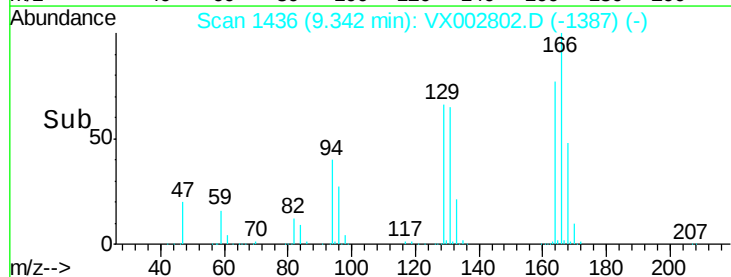
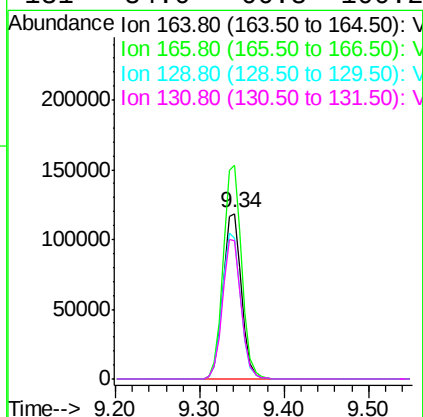
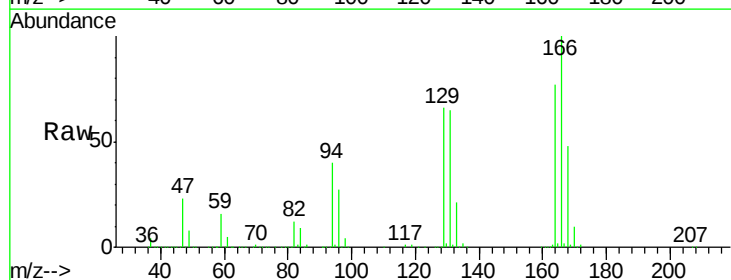
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

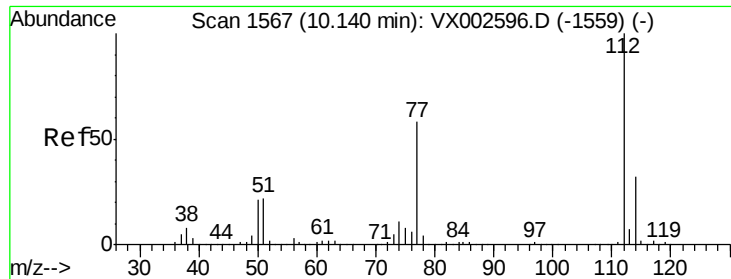
Tot Ion:117 Resp: 317258
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 50.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion:164 Resp: 178967
Ion Ratio Lower Upper
164 100
166 129.2 102.9 154.3
129 85.3 68.6 102.8
131 84.0 66.8 100.2

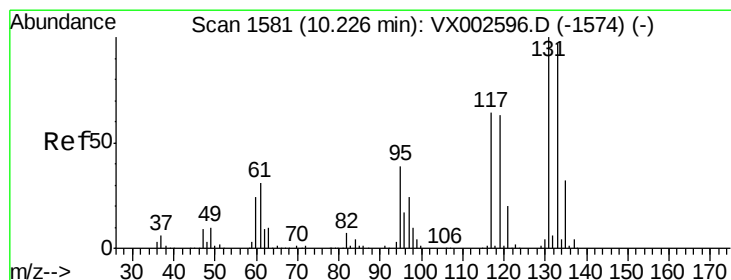
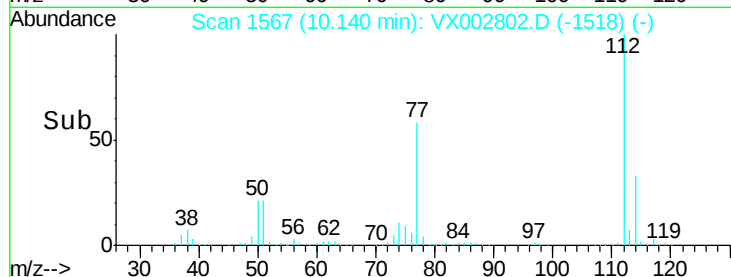
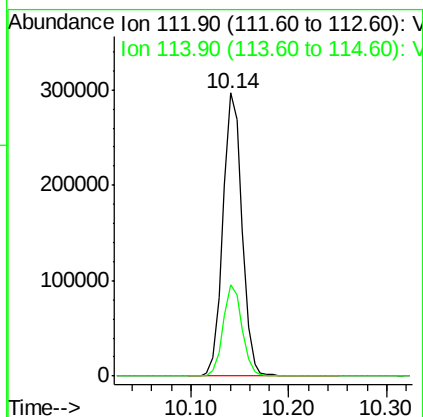
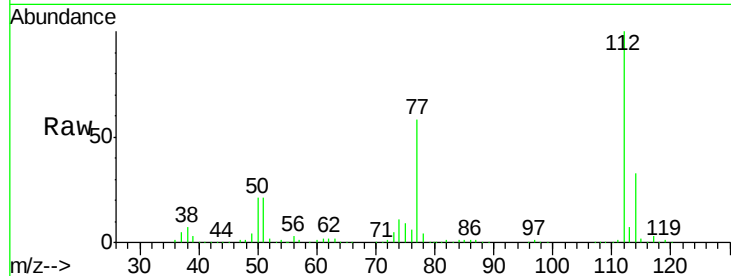




#65
Chlorobenzene
Concen: 51.47 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

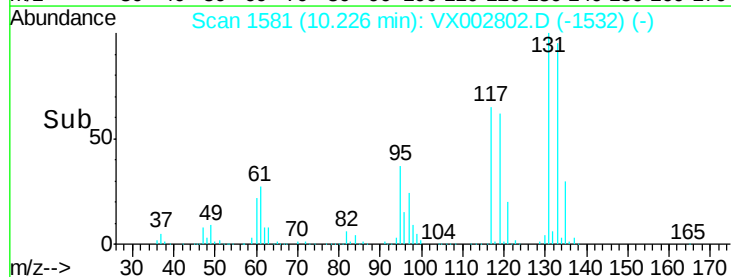
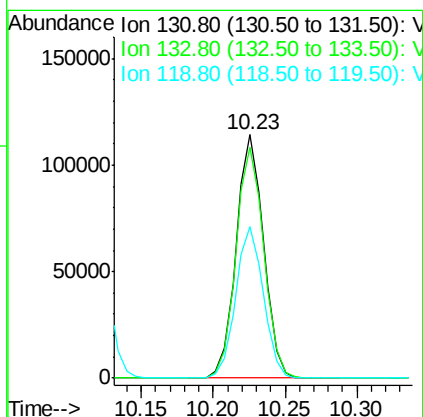
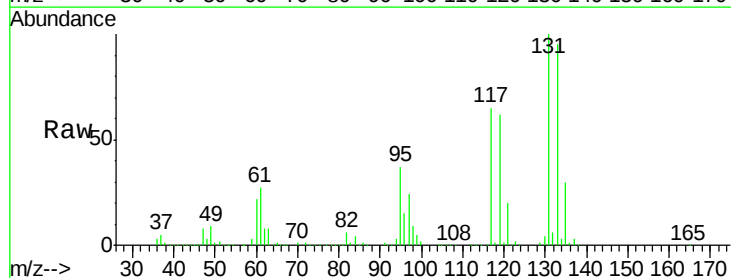
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

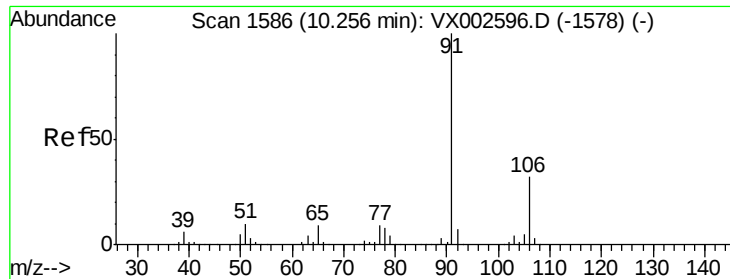
Tot Ion:112 Resp: 401031
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 57.04 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion:131 Resp: 151522
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 62.7 31.8 95.3

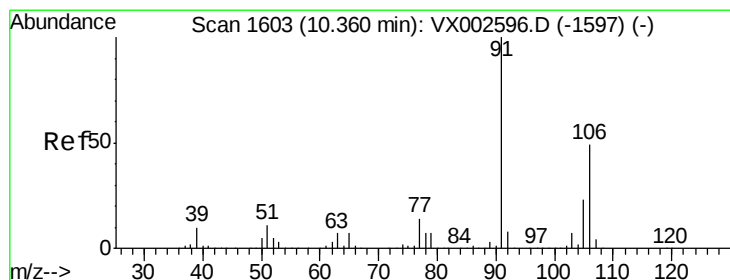
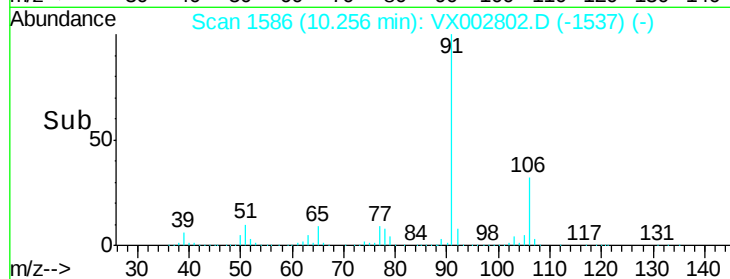
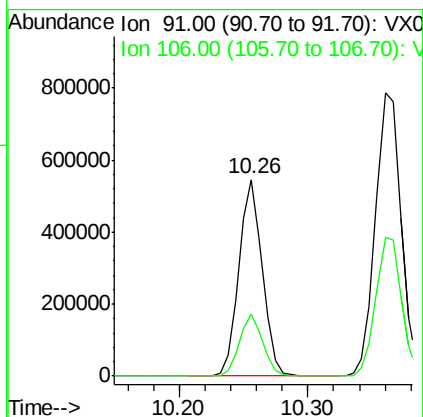
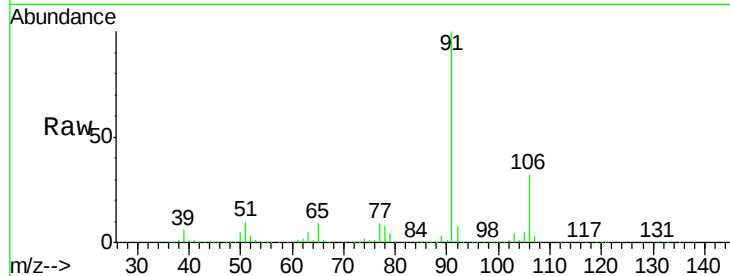




#67
Ethyl Benzene
Concen: 52.19 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

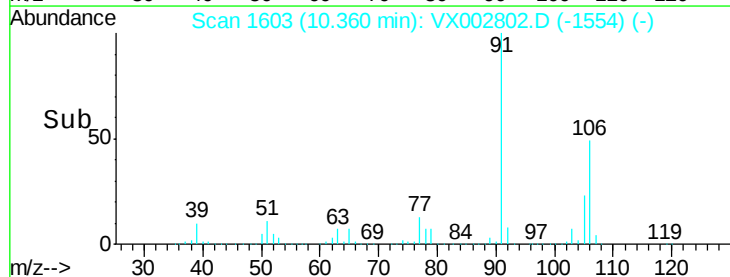
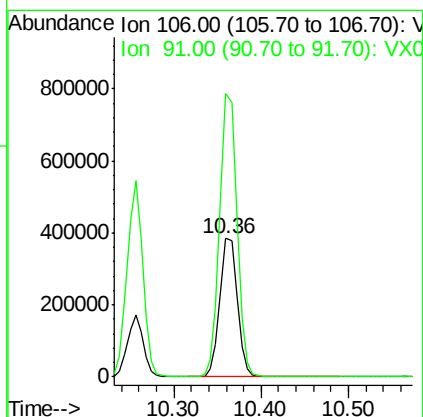
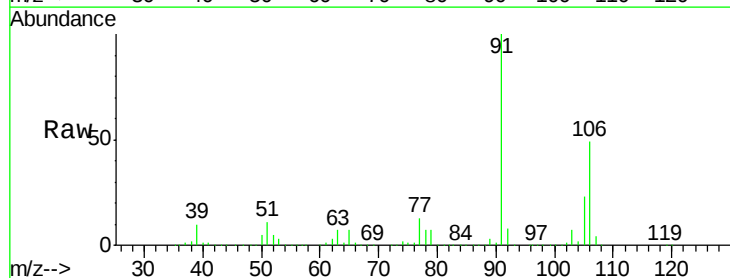
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

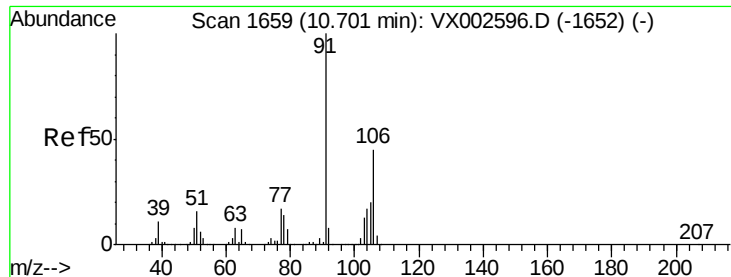
Tot Ion: 91 Resp: 685914
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 104.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 106 Resp: 531783
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2

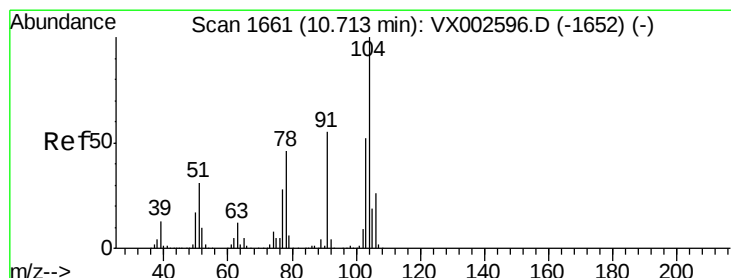
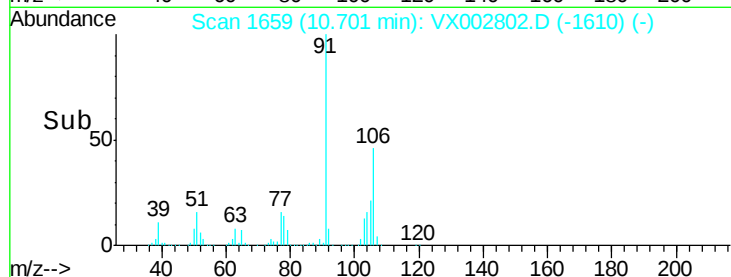
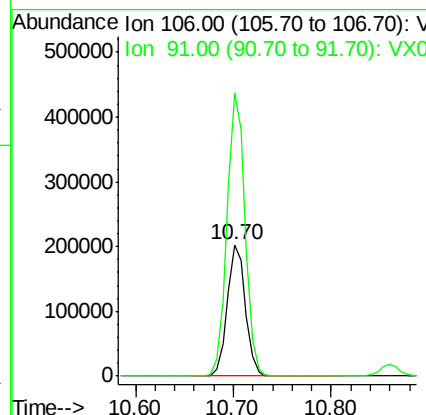
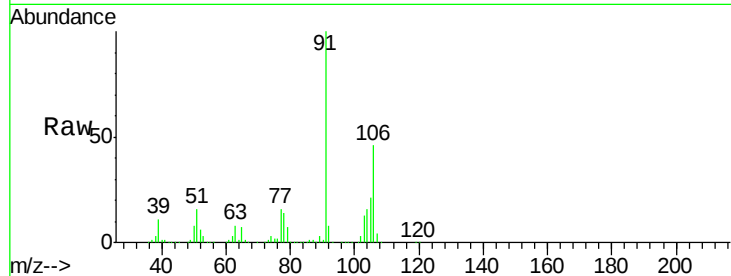




#69
o-Xylene
Concen: 52.06 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

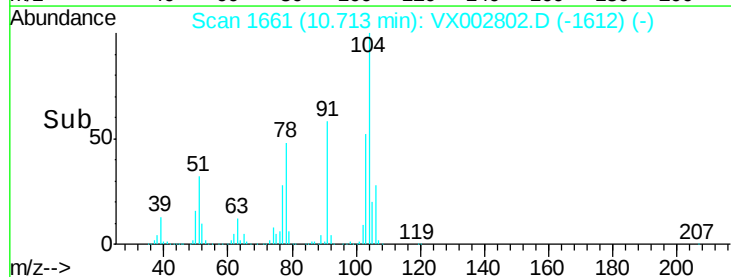
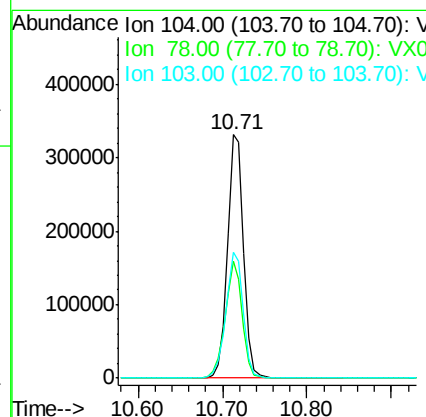
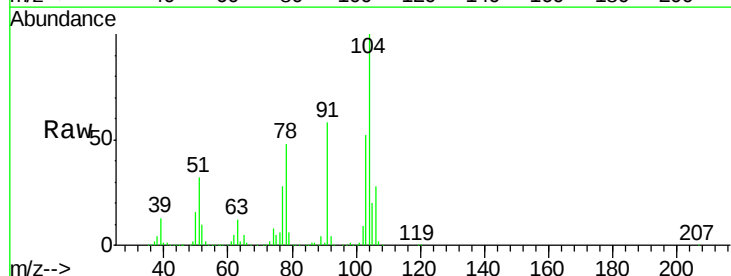
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

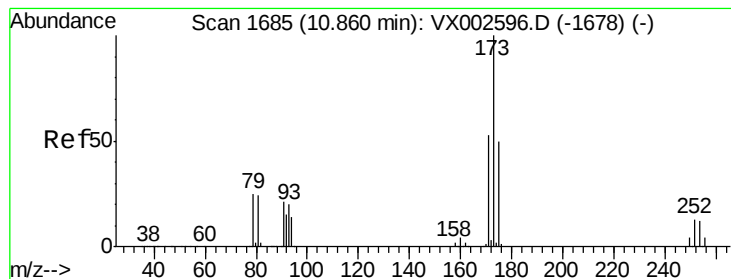
Tot Ion:106 Resp: 259312
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6



#70
Styrene
Concen: 53.13 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion:104 Resp: 435157
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.9 44.2 66.4





#71

Bromoform

Concen: 51.22 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

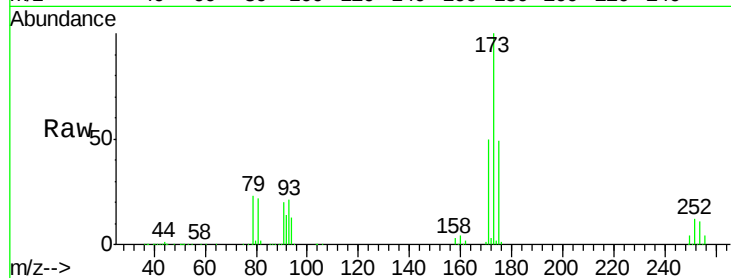
Tot Ion:173 Resp: 124181

Ion Ratio Lower Upper

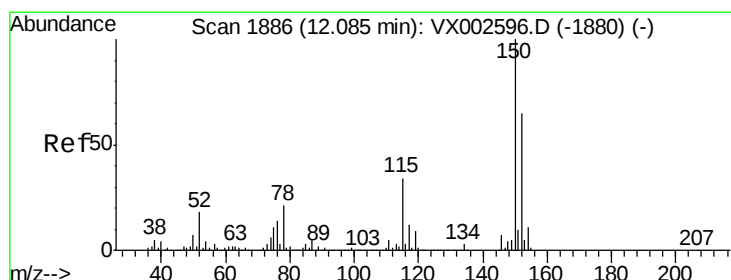
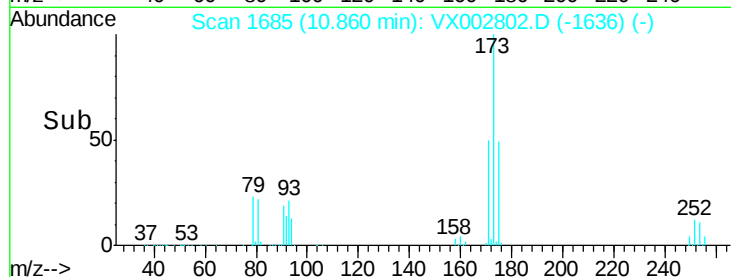
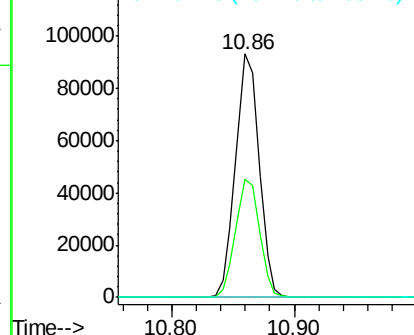
173 100

175 49.4 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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

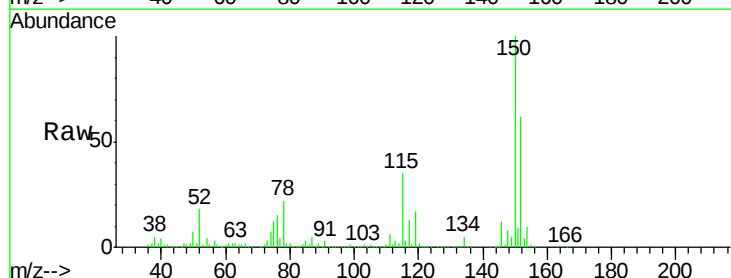
Tgt Ion:152 Resp: 201887

Ion Ratio Lower Upper

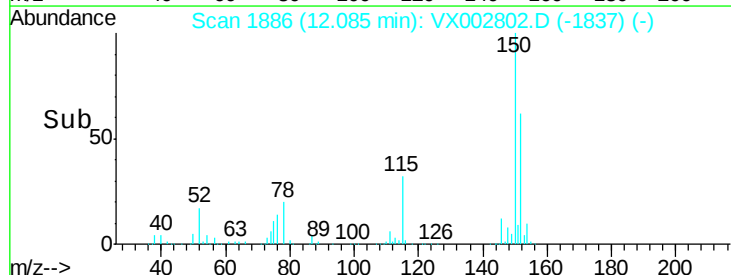
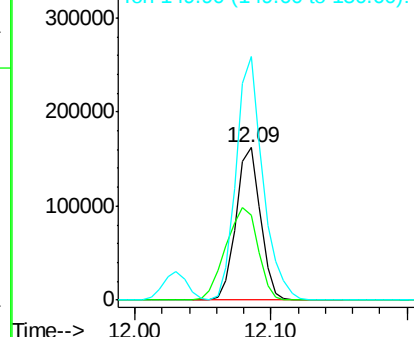
152 100

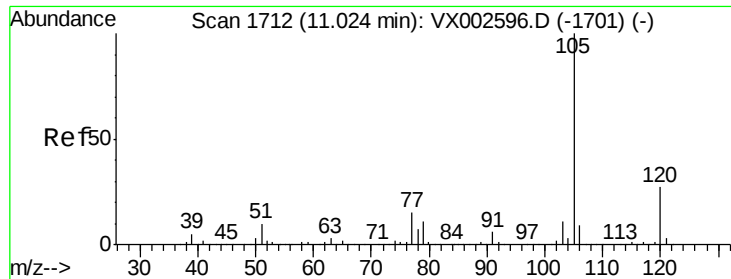
115 79.8 40.1 120.2

150 175.2 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: 52.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

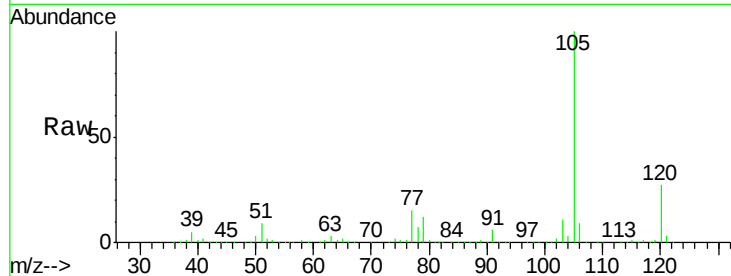
VSTDCCC050EC

Tot Ion:105 Resp: 712931

Ion Ratio Lower Upper

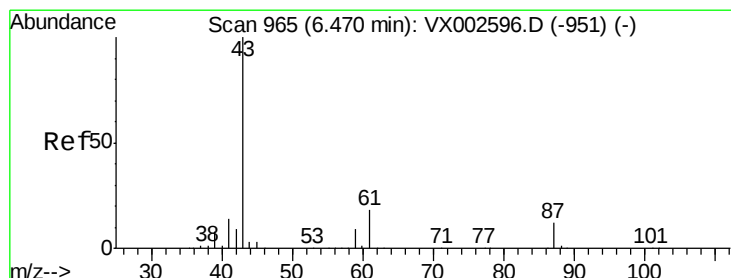
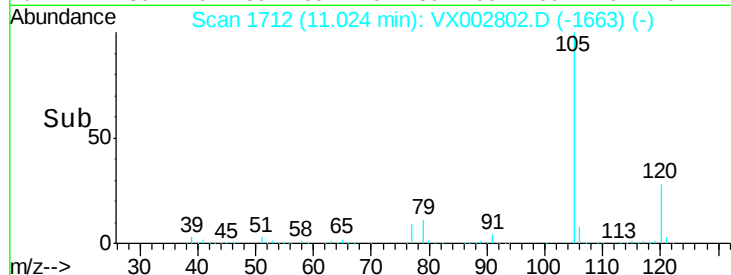
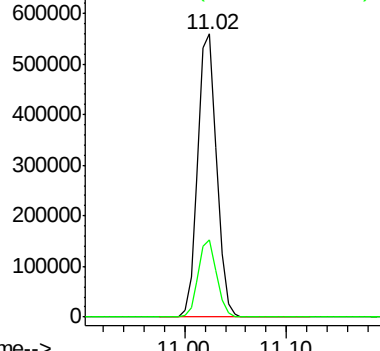
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.42 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion: 43 Resp: 331570

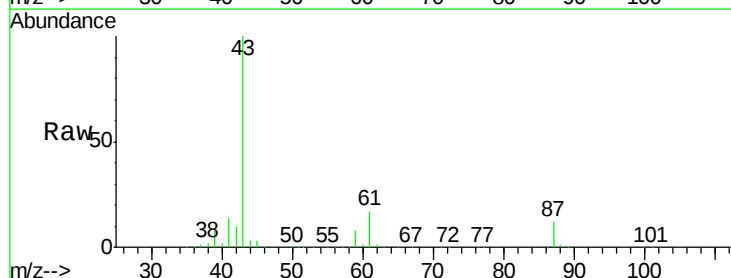
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.4 14.4 21.6

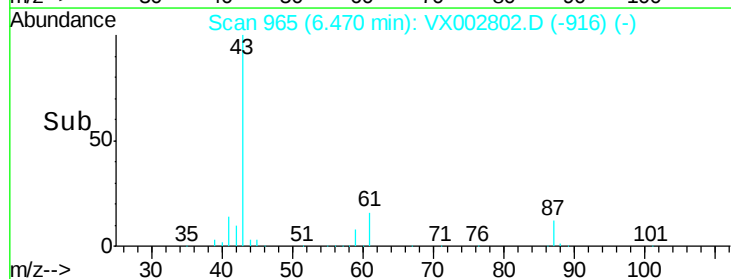
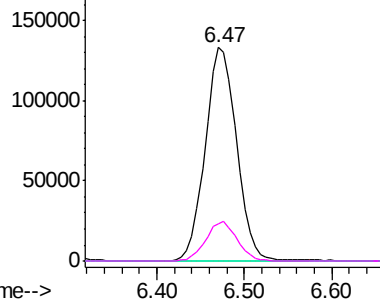


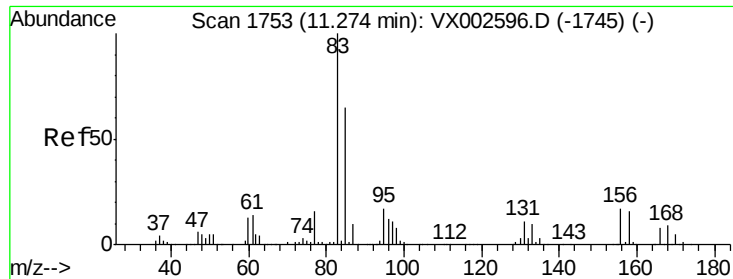
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

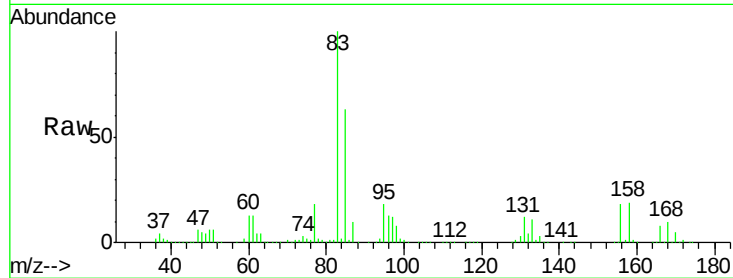
Tot Ion: 83 Resp: 219063

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

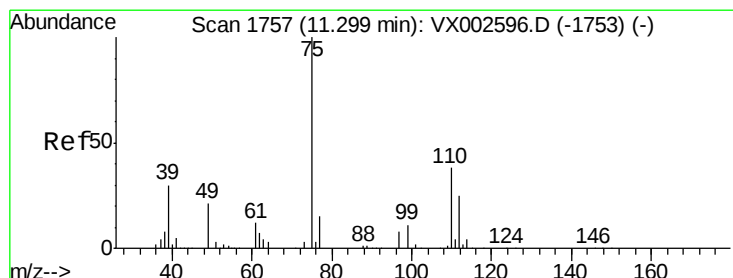
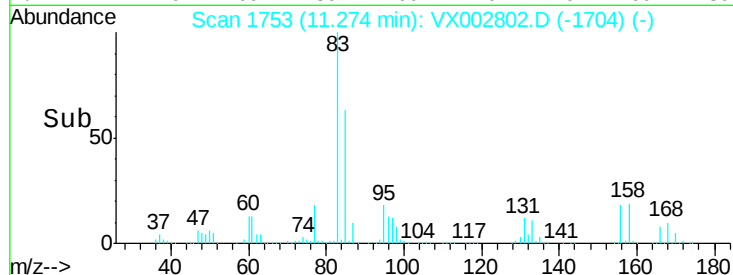
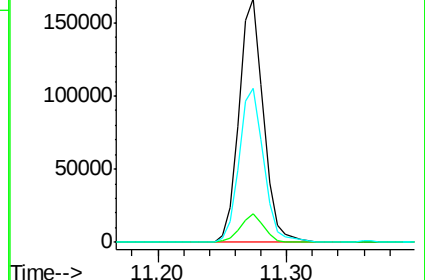
85 64.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.73 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002802.D

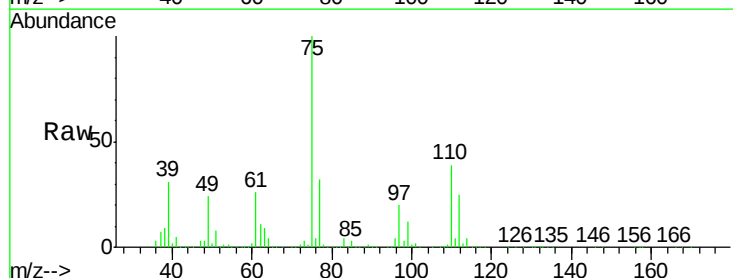
Acq: 21 Jun 2018 21:22

Tgt Ion: 75 Resp: 250416

Ion Ratio Lower Upper

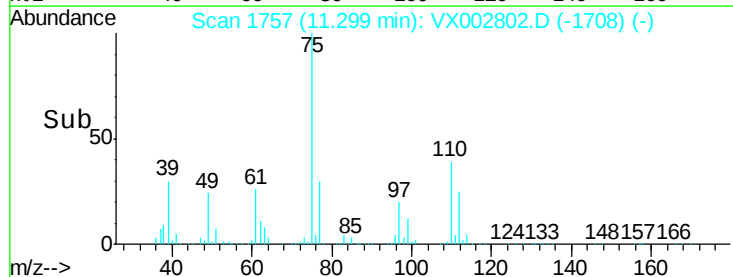
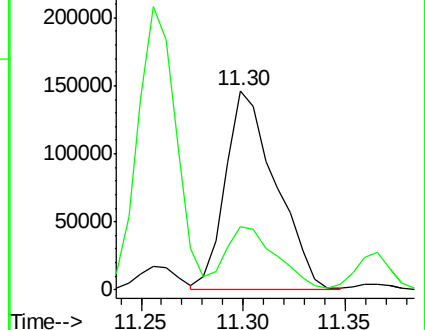
75 100

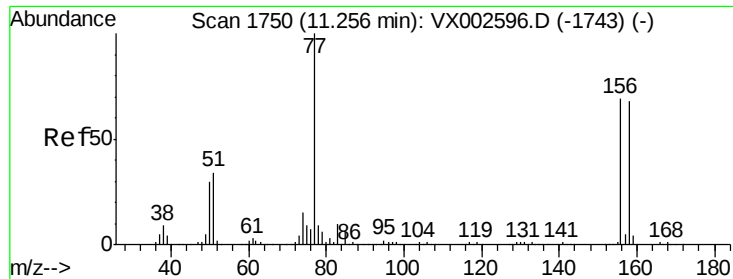
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.42 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

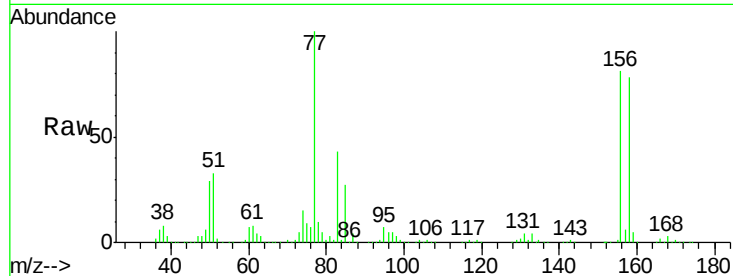
Tot Ion:156 Resp: 197181

Ion Ratio Lower Upper

156 100

77 137.3 71.4 214.2

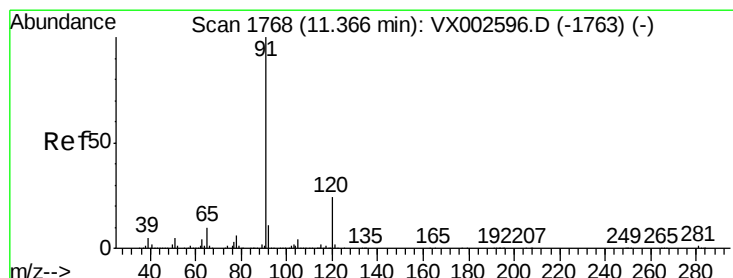
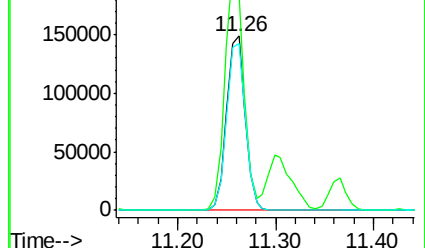
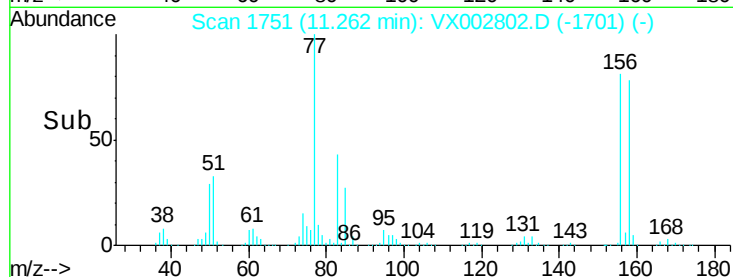
158 96.9 48.9 146.6



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: 52.02 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002802.D

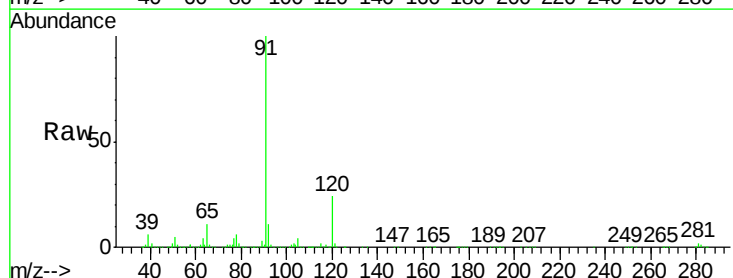
Acq: 21 Jun 2018 21:22

Tgt Ion: 91 Resp: 805604

Ion Ratio Lower Upper

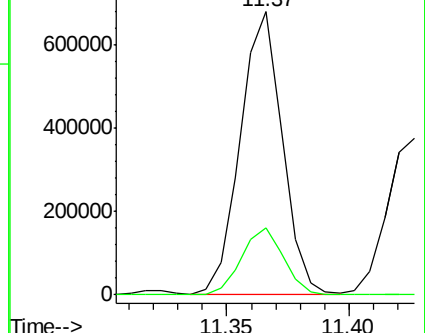
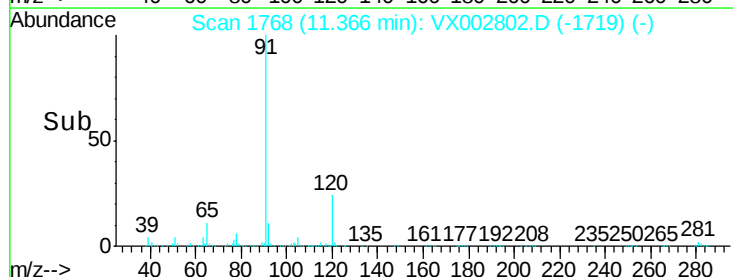
91 100

120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

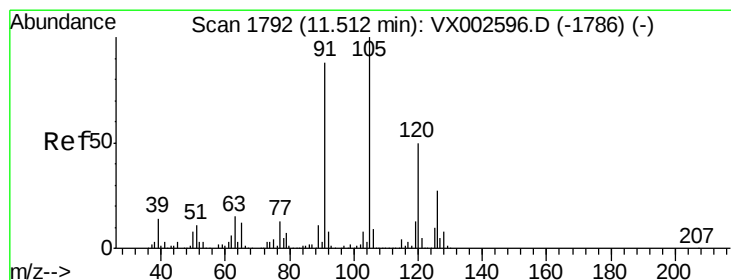
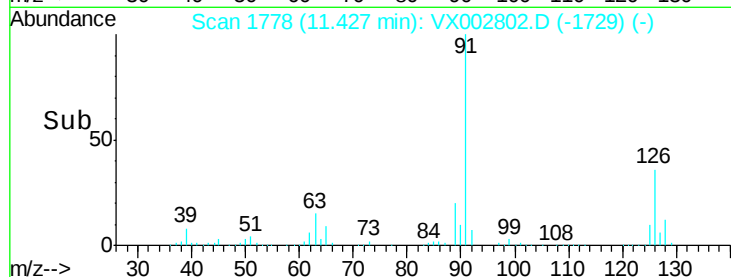
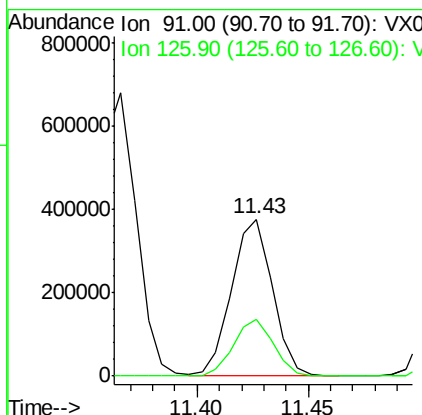
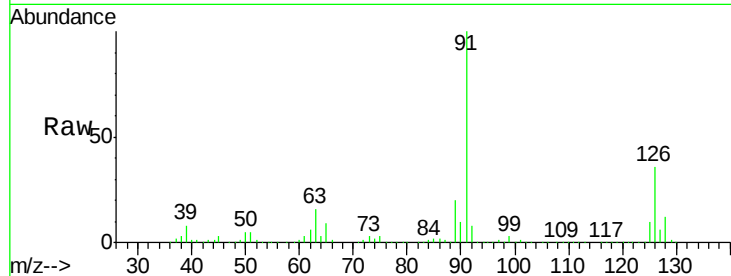




#79
 2-Chlorotoluene
 Concen: 51.88 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

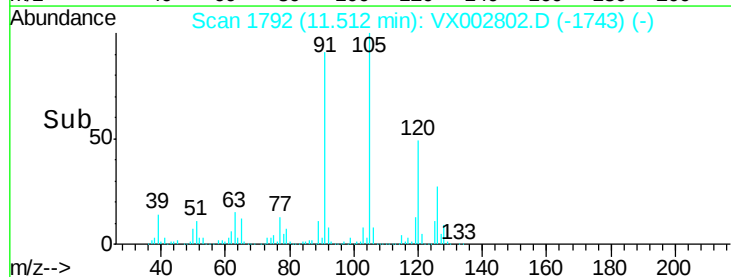
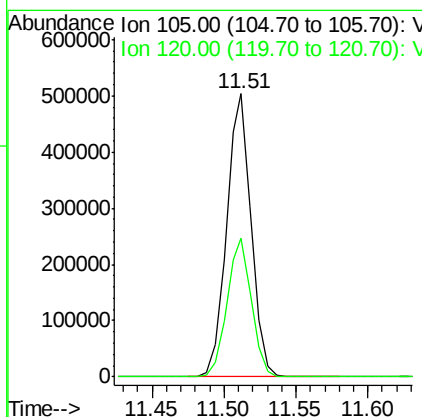
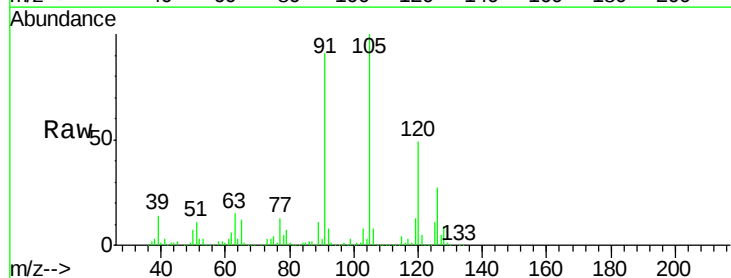
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

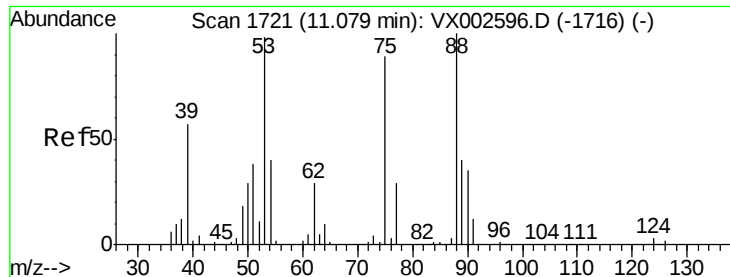
Tot Ion: 91 Resp: 479695
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.61 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion: 105 Resp: 600363
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.58 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

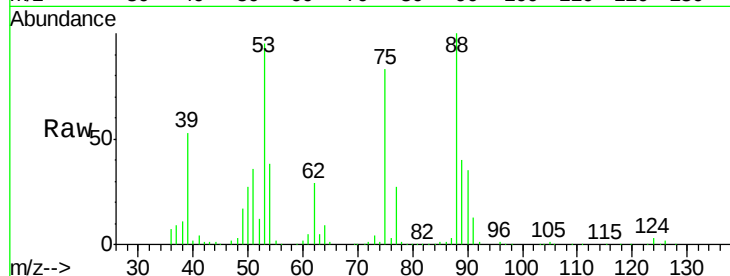
Tot Ion: 75 Resp: 55087

Ion Ratio Lower Upper

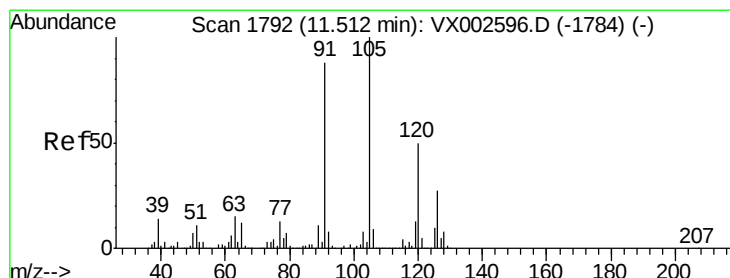
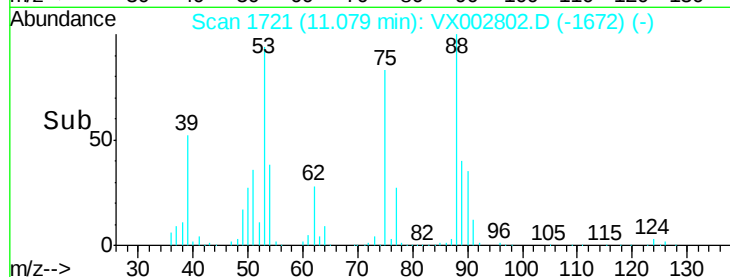
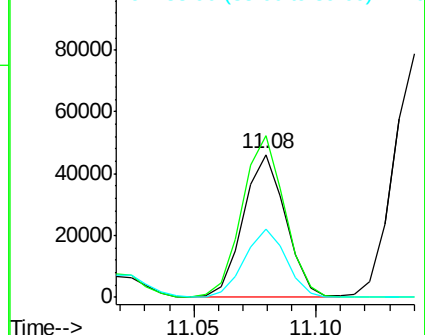
75 100

53 114.5 86.8 130.2

89 48.3 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: 52.19 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002802.D

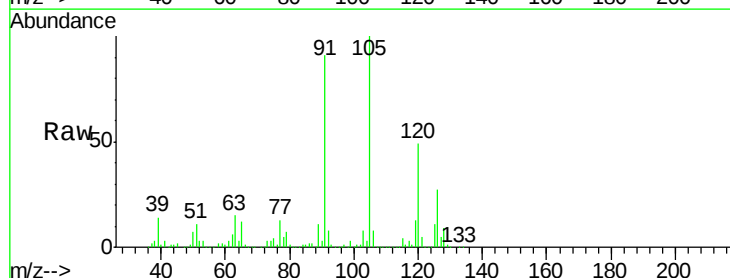
Acq: 21 Jun 2018 21:22

Tgt Ion: 91 Resp: 569338

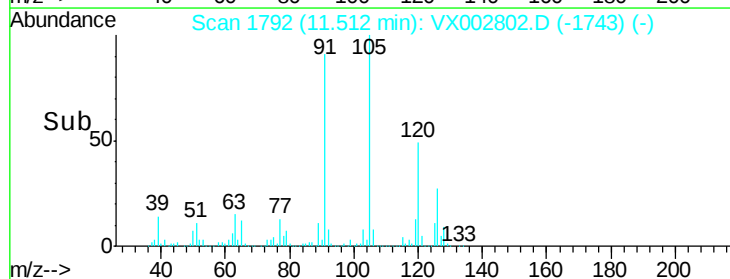
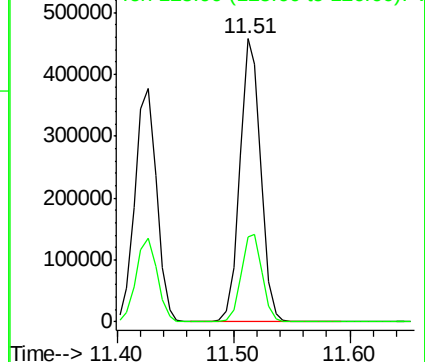
Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4



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

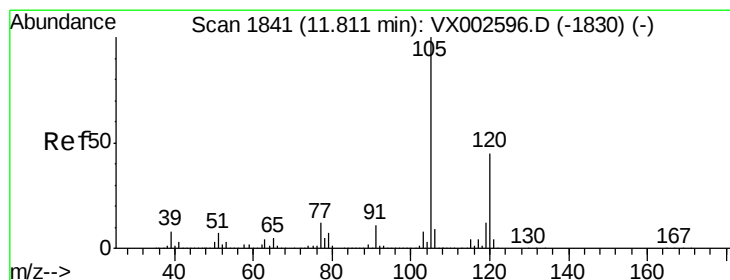
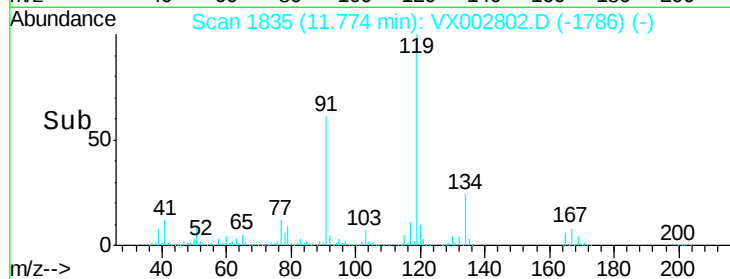
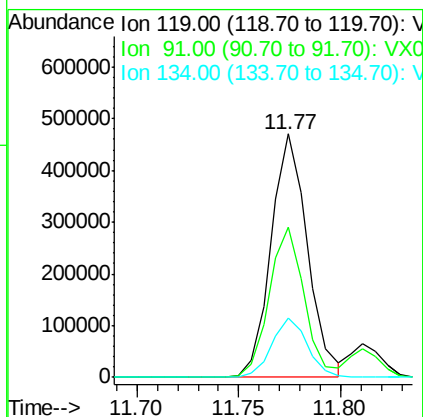
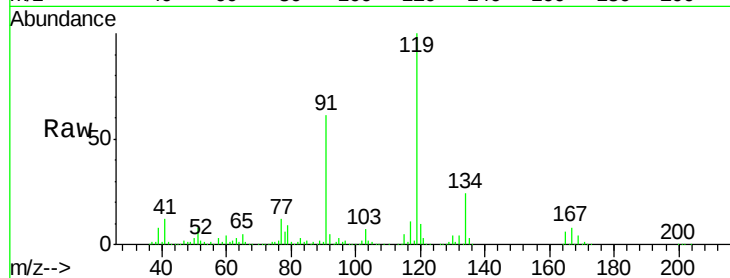




#83
tert-Butylbenzene
Concen: 53.32 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

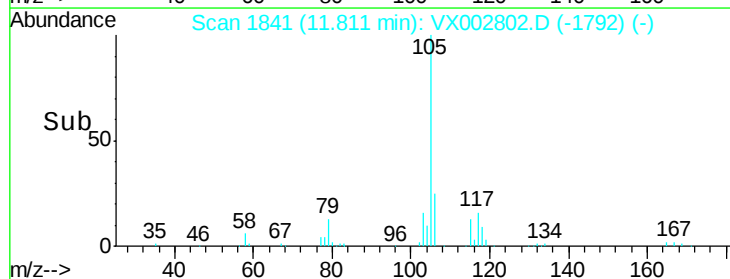
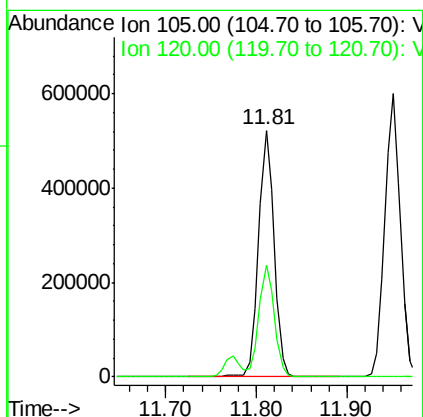
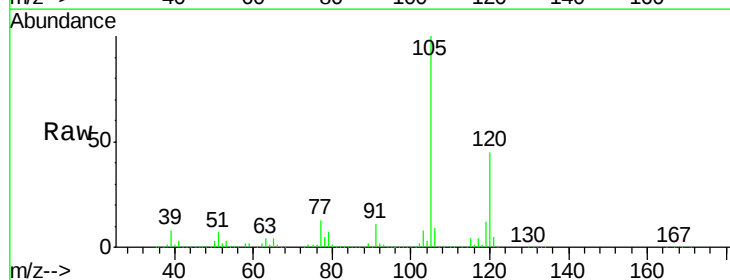
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

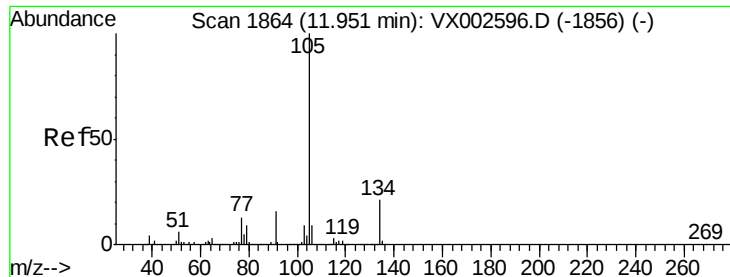
Tot Ion:119 Resp: 586104
Ion Ratio Lower Upper
119 100
91 59.5 30.3 90.9
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 53.31 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion:105 Resp: 620704
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.20 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

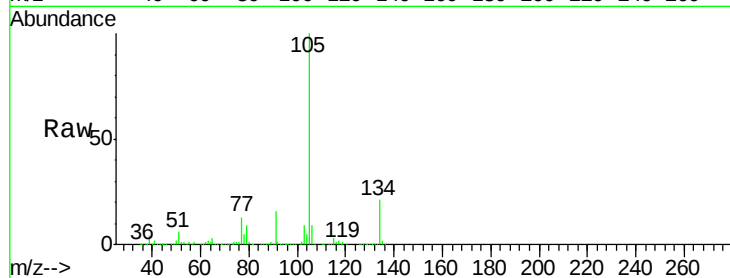
VSTDCCC050EC

Tot Ion:105 Resp: 713488

Ion Ratio Lower Upper

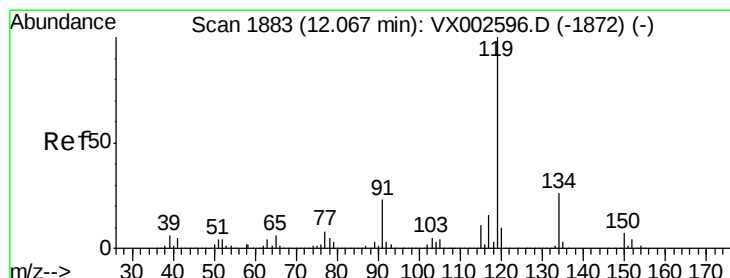
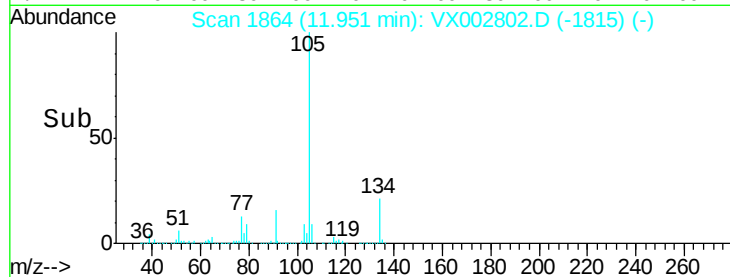
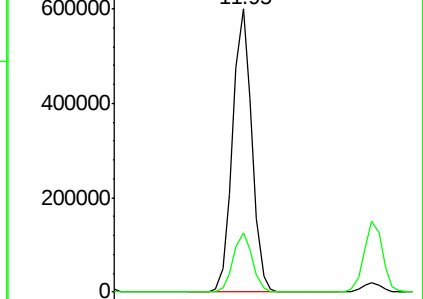
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.56 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

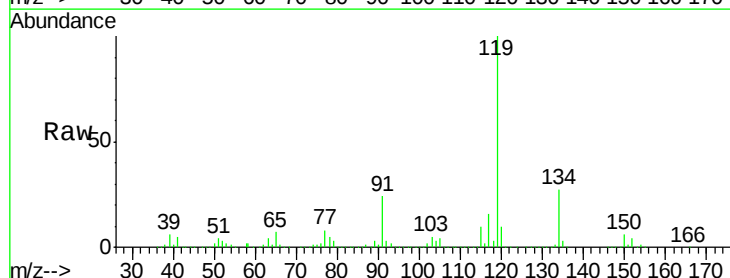
Tgt Ion:119 Resp: 649985

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

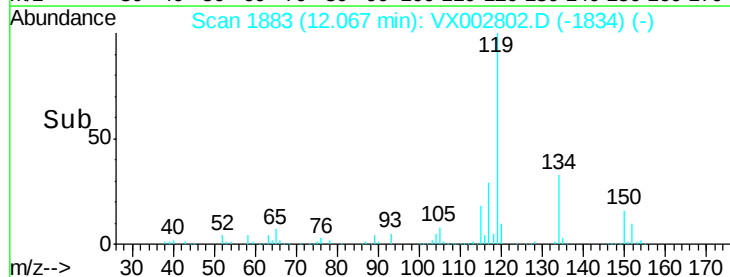
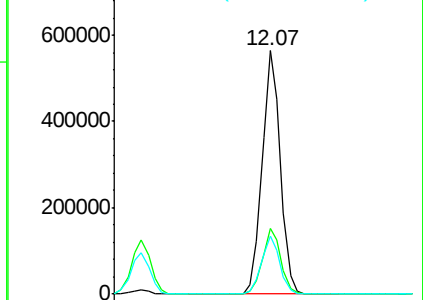
91 23.5 11.9 35.7

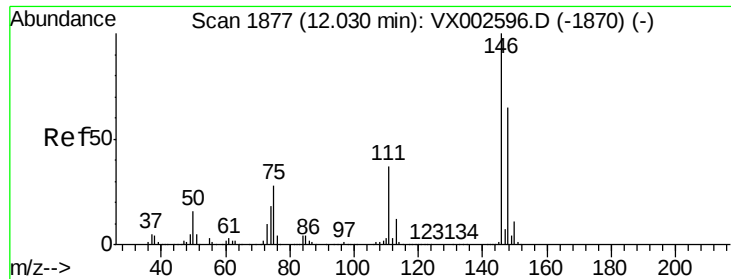


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.96 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

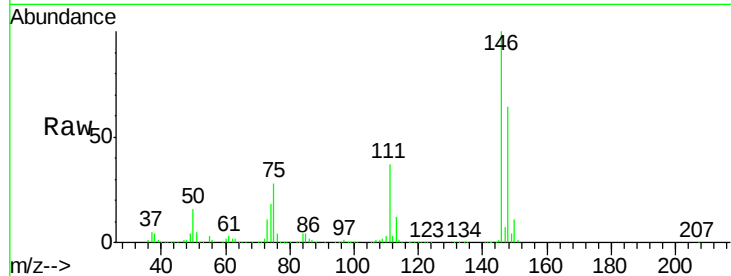
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 358447

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.6	32.1	96.3

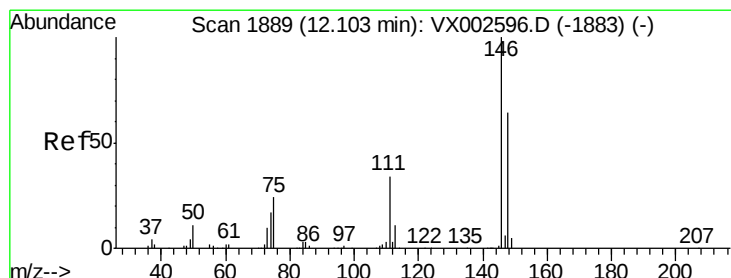
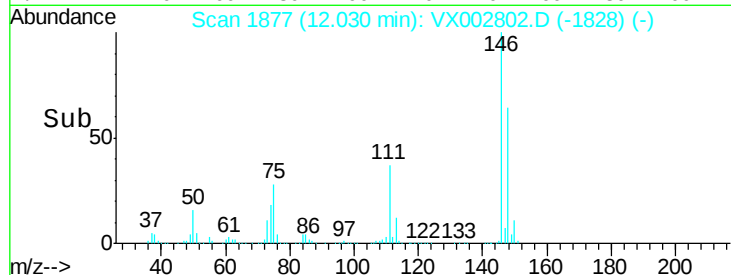
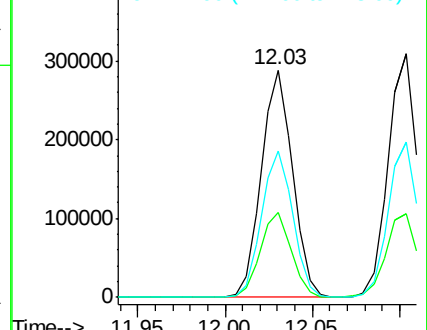


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.60 ug/l

RT: 12.10 min Scan# 1889

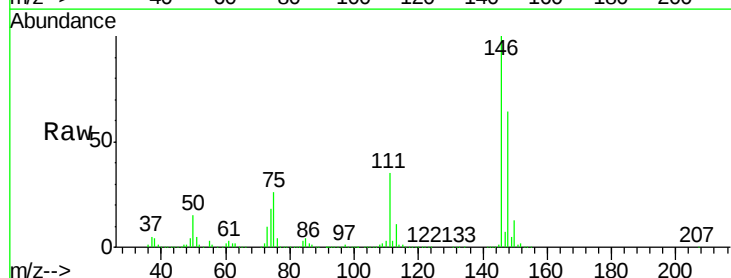
Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:146 Resp: 362177

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	64.3	32.4	97.0

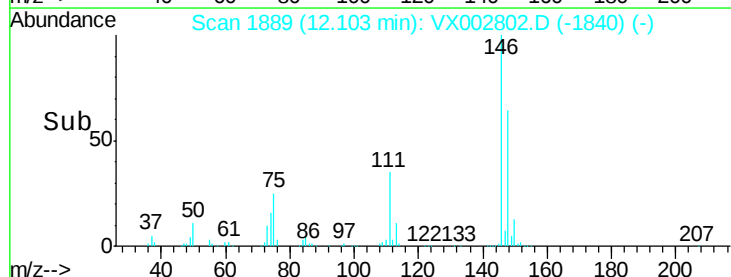
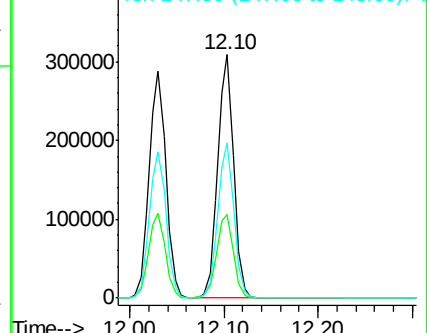


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

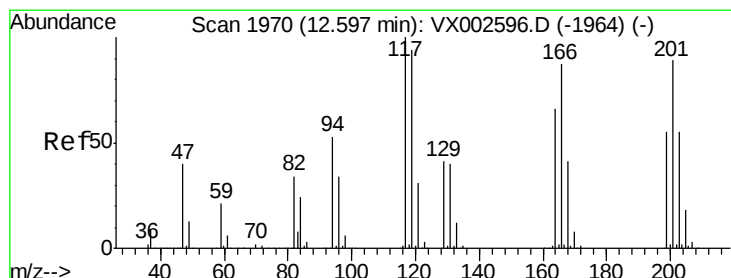
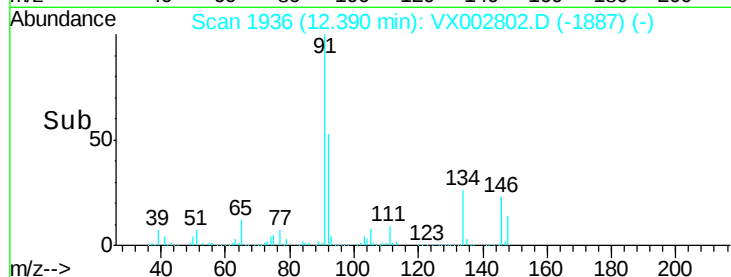
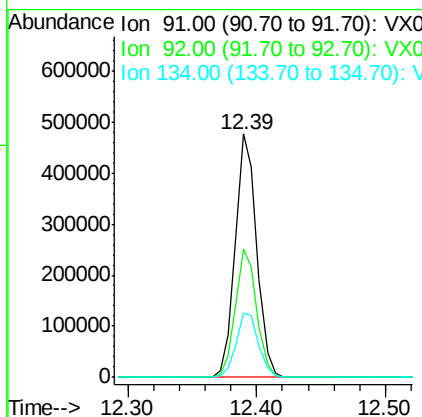
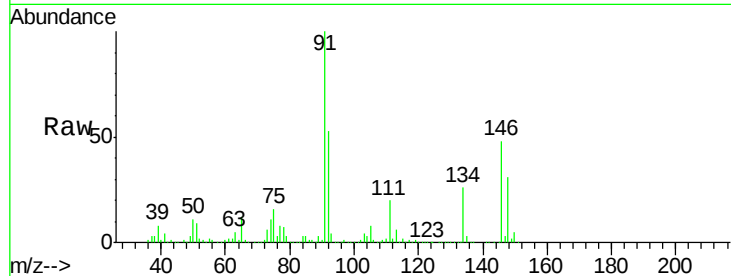




#89
n-Butylbenzene
Concen: 50.82 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

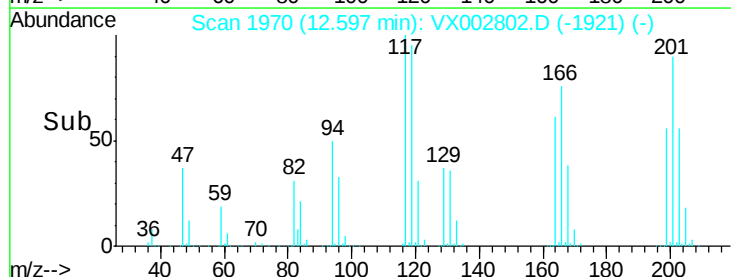
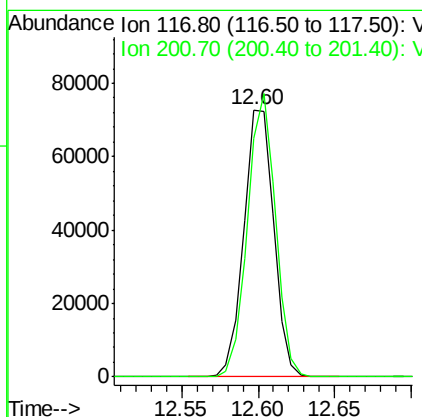
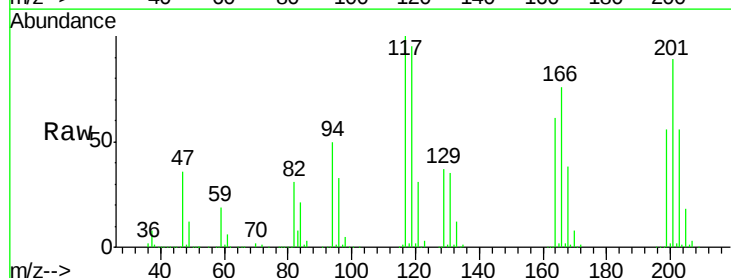
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 554497
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 51.18 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 117 Resp: 98802
Ion Ratio Lower Upper
117 100
201 99.2 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 52.34 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

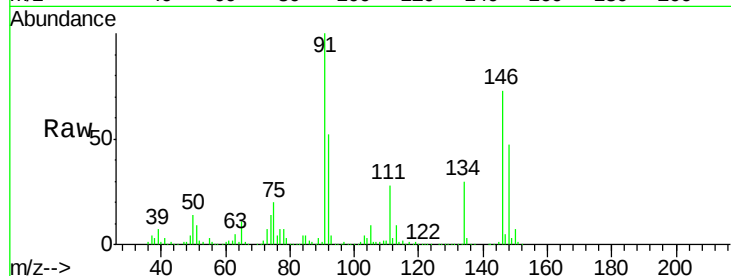
Tot Ion:146 Resp: 363435

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.1

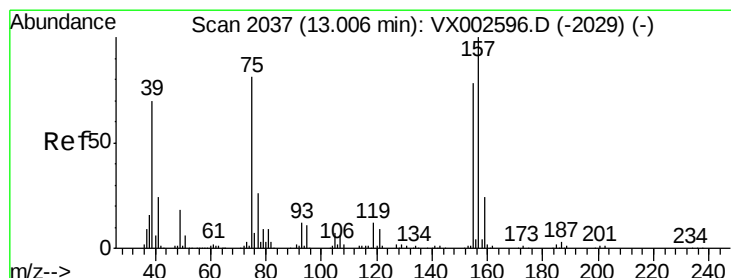
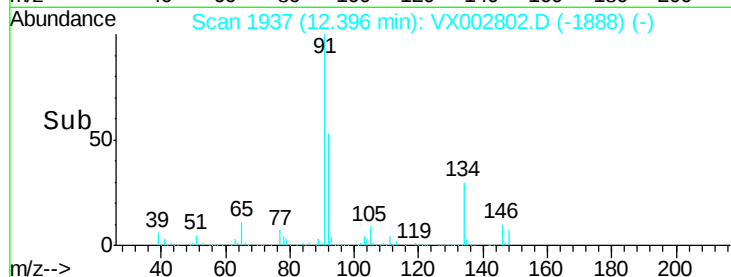
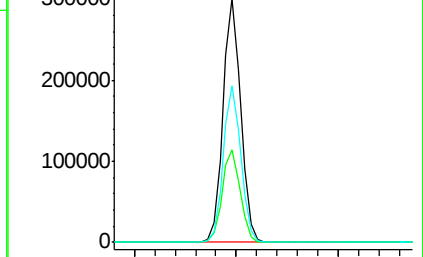
148 63.9 31.7 95.1



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: 60.01 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

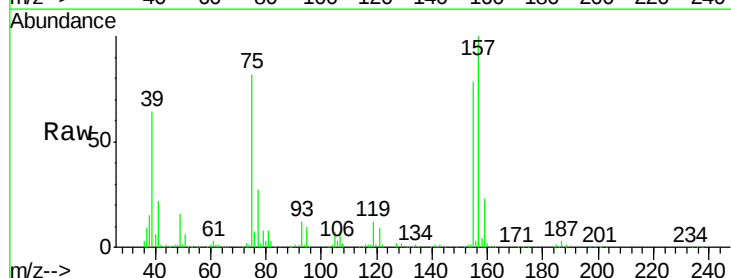
Tgt Ion: 75 Resp: 50124

Ion Ratio Lower Upper

75 100

155 96.0 45.8 137.4

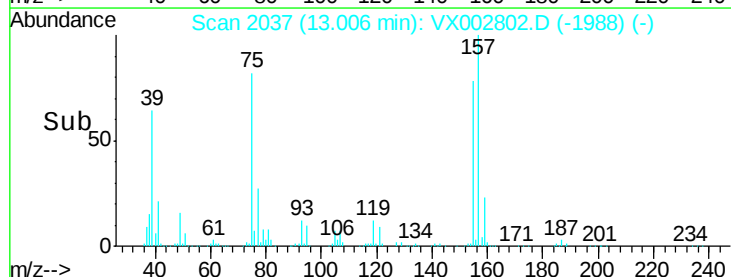
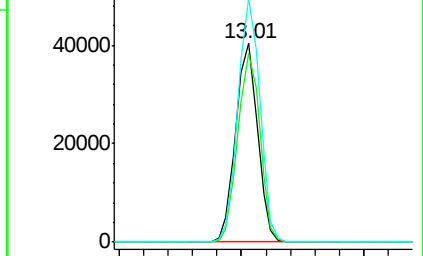
157 122.8 60.1 180.3

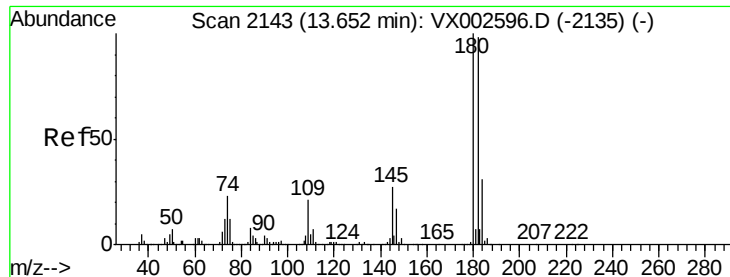


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

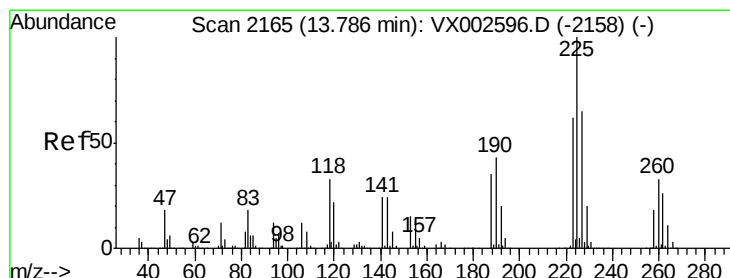
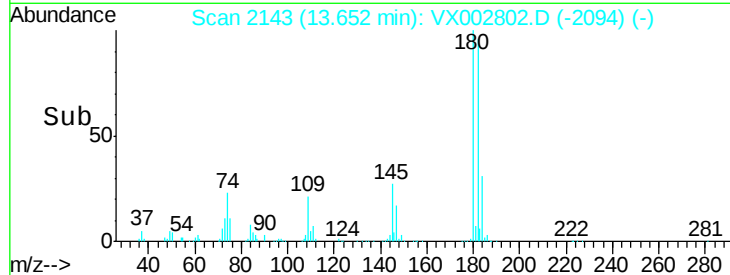
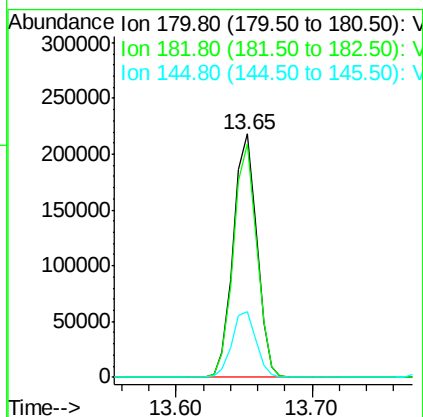
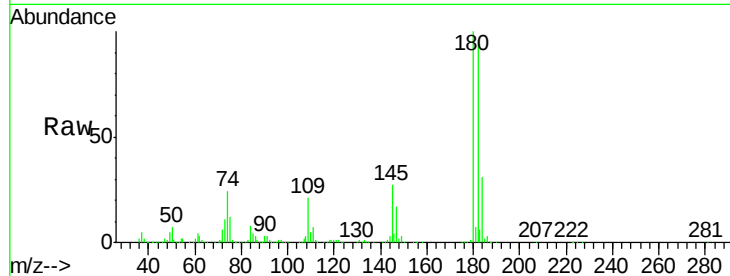




#93
 1,2,4-Trichlorobenzene
 Concen: 52.35 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

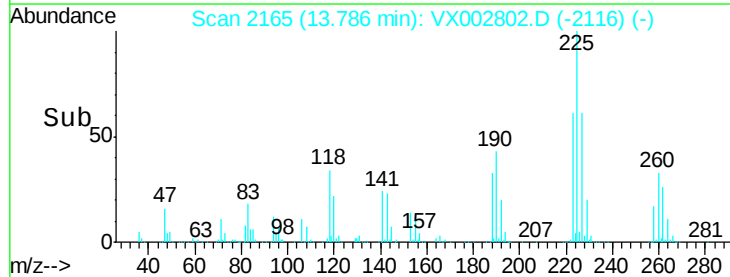
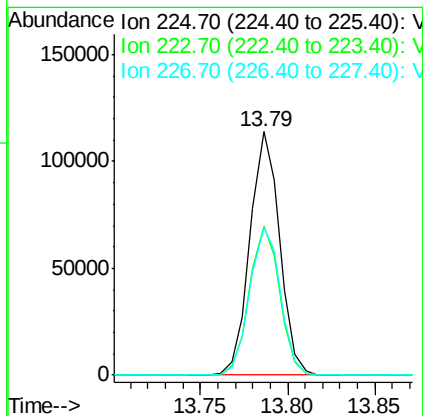
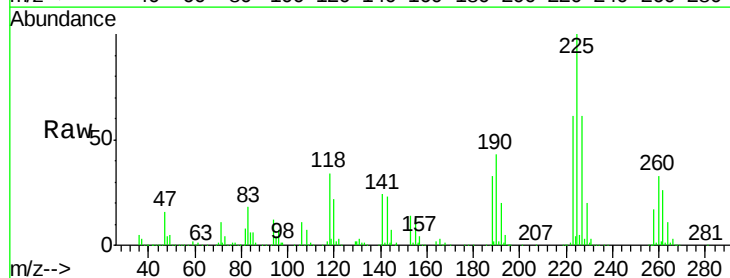
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

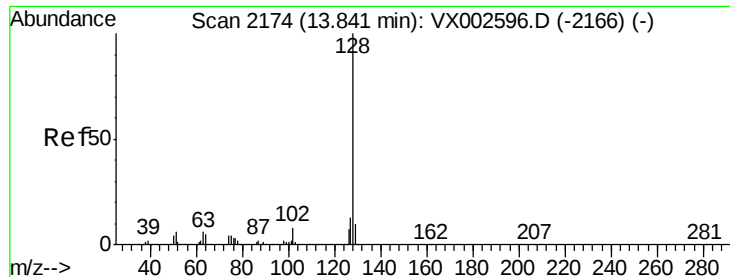
Tot Ion:180 Resp: 263797
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 50.84 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion:225 Resp: 134958
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 63.0 32.4 97.2





#95

Naphthalene

Concen: 55.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

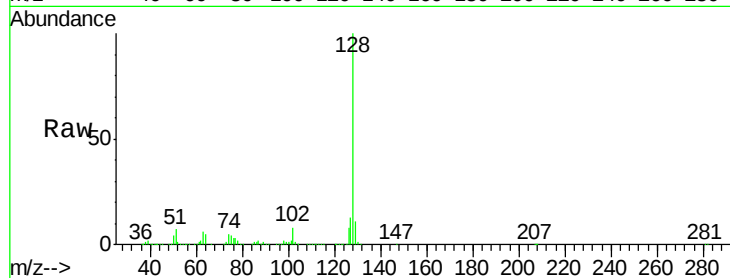
Tot Ion:128 Resp: 753012

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

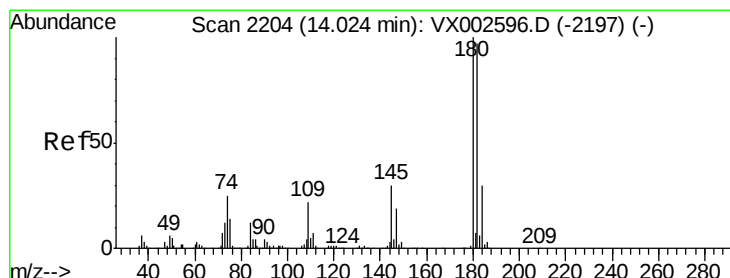
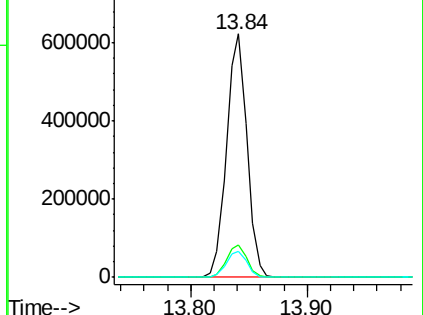
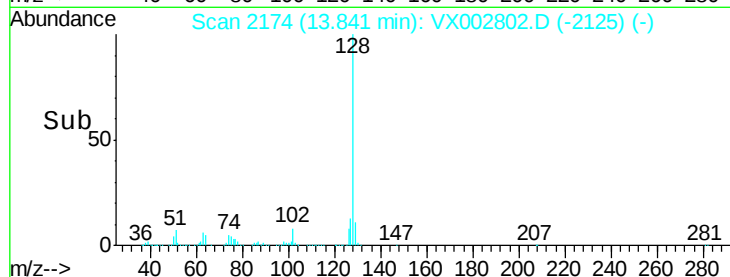
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.31 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

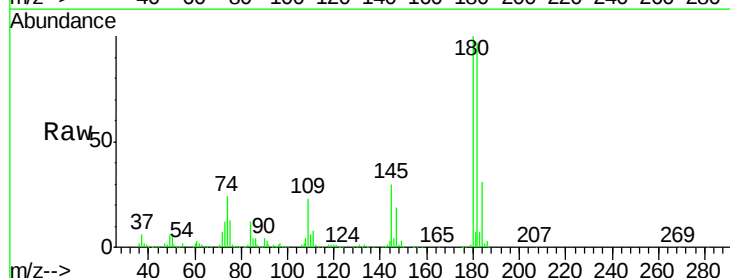
Tgt Ion:180 Resp: 269819

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.0

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

