

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002650.D
 Acq On : 16 Jun 2018 16:00
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 18 06:14:56 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	192511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158927	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
35) Dibromofluoromethane	5.51	113	127722	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	8.72	98	460907	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.14	95	178842	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75504	36.94	ug/l	98
3) Chloromethane	1.32	50	109605	45.08	ug/l	100
4) Vinyl Chloride	1.41	62	115220	45.67	ug/l	100
5) Bromomethane	1.64	94	62976	41.37	ug/l	99
6) Chloroethane	1.71	64	89579	53.87	ug/l	97
7) Trichlorofluoromethane	1.93	101	180839	44.12	ug/l	99
8) Diethyl Ether	2.19	74	84350	54.11	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90718	39.60	ug/l	100
10) Methyl Iodide	2.51	142	112654	37.84	ug/l	99
11) Tert butyl alcohol	3.09	59	171804	284.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101145	47.02	ug/l	98
13) Acrolein	2.30	56	66902	236.36	ug/l	98
14) Allyl chloride	2.73	41	208884	48.91	ug/l	99
15) Acrylonitrile	3.15	53	374555	283.82	ug/l	100
16) Acetone	2.45	43	354592	274.73	ug/l	100
17) Carbon Disulfide	2.57	76	265527	52.05	ug/l	99
18) Methyl Acetate	2.78	43	196684	57.20	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	446576	55.34	ug/l	100
20) Methylene Chloride	2.86	84	131153	49.56	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	119864	51.36	ug/l	97
22) Diisopropyl ether	3.88	45	412671	53.41	ug/l	99
23) Vinyl Acetate	3.83	43	1767857	273.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	214205	51.07	ug/l	100
25) 2-Butanone	4.71	43	485269	286.30	ug/l	98
26) 2,2-Dichloropropane	4.59	77	80816	26.82	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	128292	54.03	ug/l	89
28) Bromochloromethane	5.03	49	112474	57.27	ug/l	96
29) Tetrahydrofuran	5.17	42	319325	287.46	ug/l	98
30) Chloroform	5.22	83	225451	55.75	ug/l	98
31) Cyclohexane	5.57	56	145063	42.01	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	181040	53.52	ug/l	99
36) 1,1-Dichloropropene	5.81	75	143537	44.50	ug/l	98
37) Ethyl Acetate	4.87	43	192066	52.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	154311	48.04	ug/l	97

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Instrument :
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Quant Time: Jun 18 06:14:56 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)
39) Methylcyclohexane	7.46	83	137569	36.48	ug/l	96
40) Benzene	6.15	78	479716	49.60	ug/l	100
41) Methacrylonitrile	5.07	41	109172	52.96	ug/l	98
42) 1,2-Dichloroethane	6.20	62	192396	51.38	ug/l	99
43) Isopropyl Acetate	6.47	43	313032	51.75	ug/l	99
44) Trichloroethene	7.22	130	134300	48.11	ug/l	95
45) 1,2-Dichloropropane	7.52	63	128907	50.64	ug/l	98
46) Dibromomethane	7.67	93	90938	53.40	ug/l	98
47) Bromodichloromethane	7.90	83	165934	55.25	ug/l	98
48) Methyl methacrylate	7.78	41	163209	52.80	ug/l	98
49) 1,4-Dioxane	7.76	88	65871	1125.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1042295	268.36	ug/l	99
52) Toluene	8.79	92	307066	49.77	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	176077	44.56	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	162358	43.27	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	131109	52.59	ug/l	98
56) Ethyl methacrylate	9.18	69	205365	53.53	ug/l	98
57) 1,3-Dichloropropane	9.38	76	216375	51.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	487321	262.61	ug/l	99
59) 2-Hexanone	9.50	43	792642	270.83	ug/l	98
60) Dibromochloromethane	9.59	129	136234	48.68	ug/l	99
61) 1,2-Dibromoethane	9.68	107	141246	54.70	ug/l	100
64) Tetrachloroethene	9.34	164	143097	43.38	ug/l	99
65) Chlorobenzene	10.14	112	367489	50.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	134372	54.01	ug/l	99
67) Ethyl Benzene	10.26	91	599272	48.68	ug/l	99
68) m/p-Xylenes	10.36	106	464959	97.92	ug/l	100
69) o-Xylene	10.70	106	233473	50.05	ug/l	98
70) Styrene	10.71	104	397488	51.81	ug/l	99
71) Bromoform	10.86	173	107023	47.51	ug/l	98
73) Isopropylbenzene	11.02	105	603559	47.21	ug/l	100
74) N-amyl acetate	6.47	43	313032	49.28	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	203618	53.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	210513	58.36	ug/l	79
77) Bromobenzene	11.26	156	180097	50.57	ug/l	97
78) n-propylbenzene	11.37	91	678797	46.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	422290	48.24	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	521789	48.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36096	33.53	ug/l	96
82) 4-Chlorotoluene	11.51	91	502182	48.62	ug/l	99
83) tert-Butylbenzene	11.77	119	503263	48.35	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	542940	49.25	ug/l	99
85) sec-Butylbenzene	11.95	105	591414	45.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	539598	46.08	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	319855	48.97	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	326049	49.06	ug/l	99
89) n-Butylbenzene	12.39	91	449656	43.53	ug/l	99
90) Hexachloroethane	12.60	117	79072	43.67	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	344252	52.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45914	58.06	ug/l	97

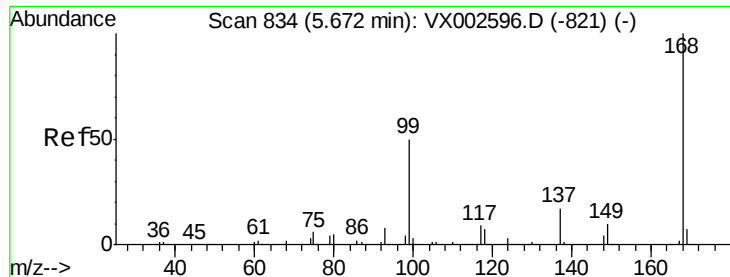
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234508	49.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	102880	40.94	ug/l	99
95) Naphthalene	13.84	128	702767	54.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	245747	51.29	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

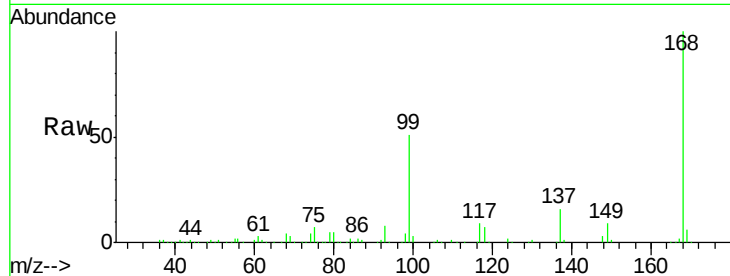
VSTDCCC050EC

Tot Ion:168 Resp: 192511

Ion Ratio Lower Upper

168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

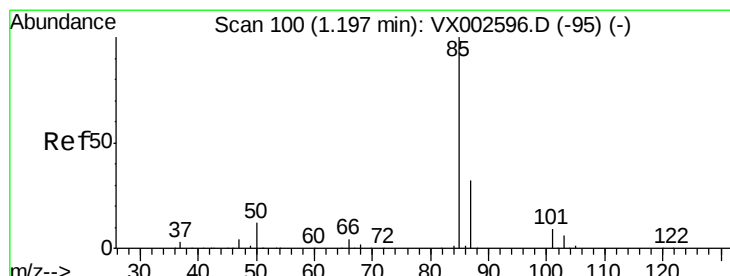
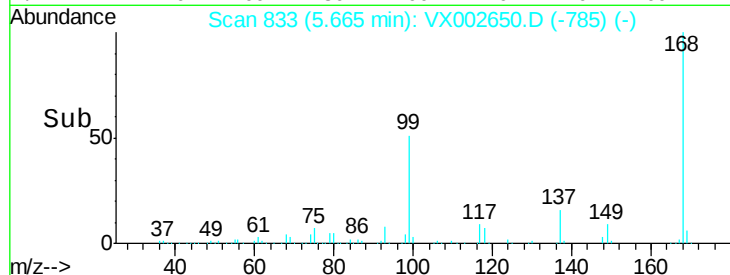
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 36.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002650.D

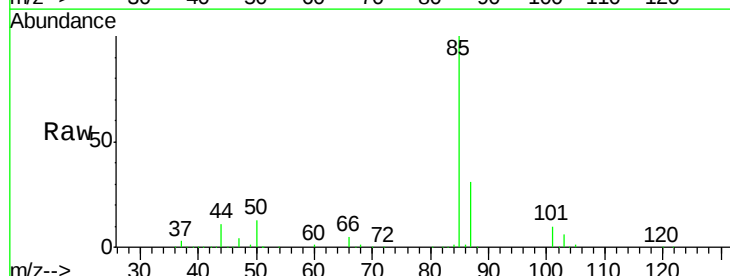
Acq: 16 Jun 2018 16:00

Tgt Ion: 85 Resp: 75504

Ion Ratio Lower Upper

85 100

87 31.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

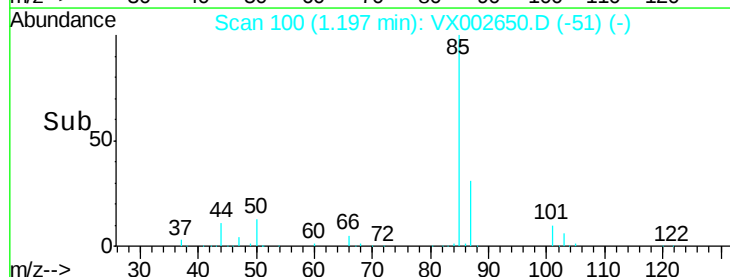
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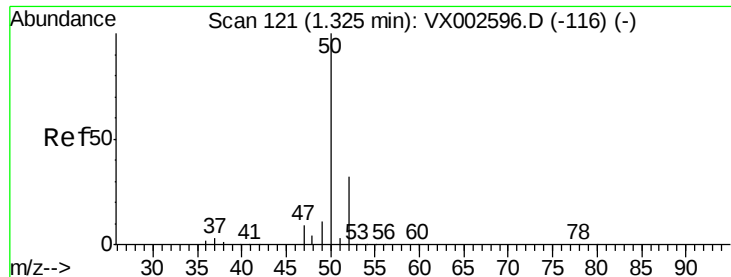
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

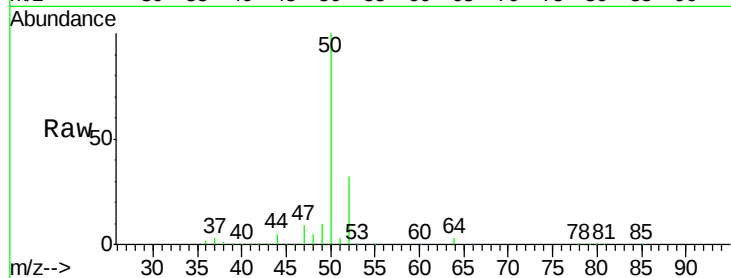
VSTDCCC050EC

Tot Ion: 50 Resp: 109605

Ion Ratio Lower Upper

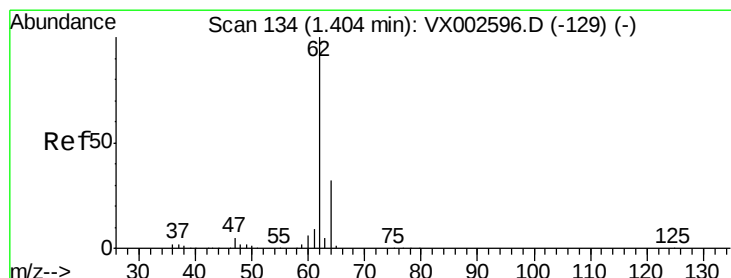
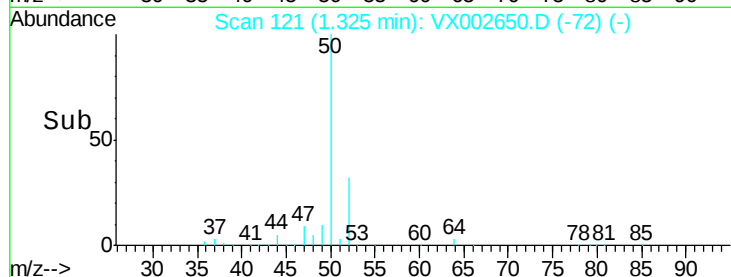
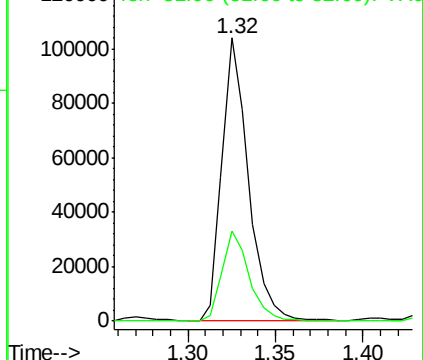
50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.67 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002650.D

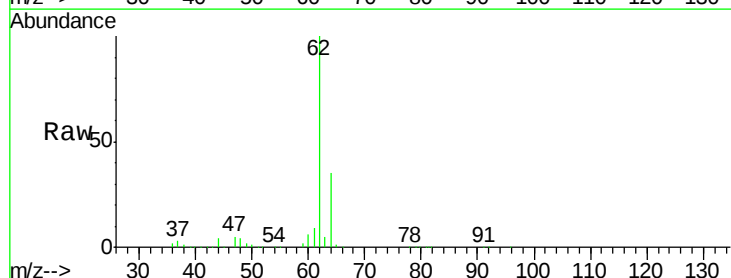
Acq: 16 Jun 2018 16:00

Tgt Ion: 62 Resp: 115220

Ion Ratio Lower Upper

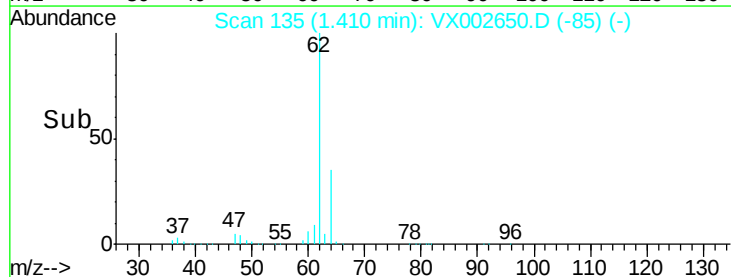
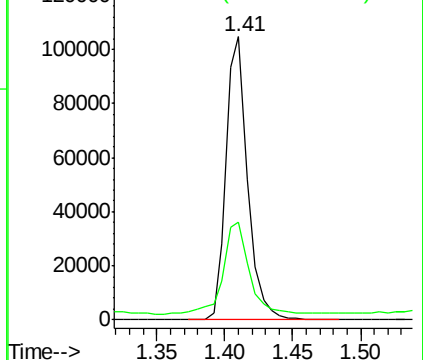
62 100

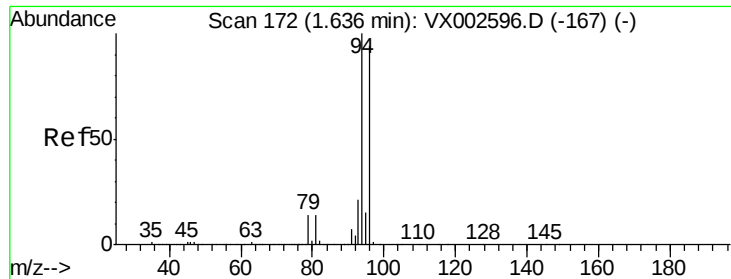
64 32.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

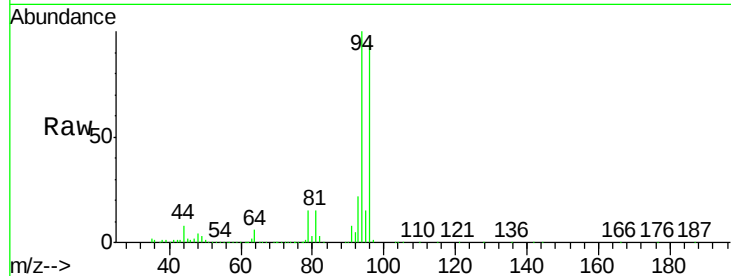
VSTDCCC050EC

Tot Ion: 94 Resp: 62976

Ion Ratio Lower Upper

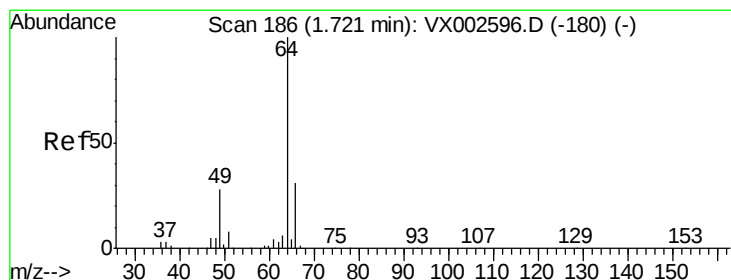
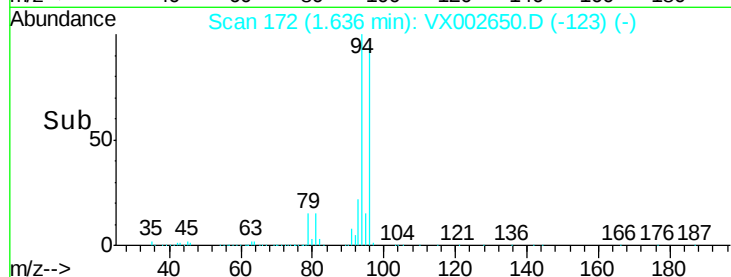
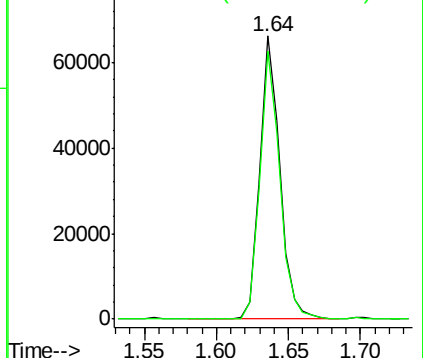
94 100

96 94.7 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: 53.87 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002650.D

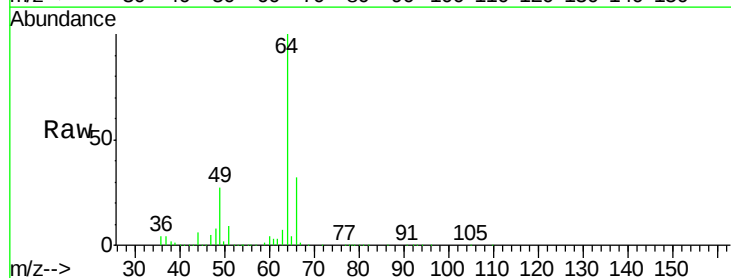
Acq: 16 Jun 2018 16:00

Tgt Ion: 64 Resp: 89579

Ion Ratio Lower Upper

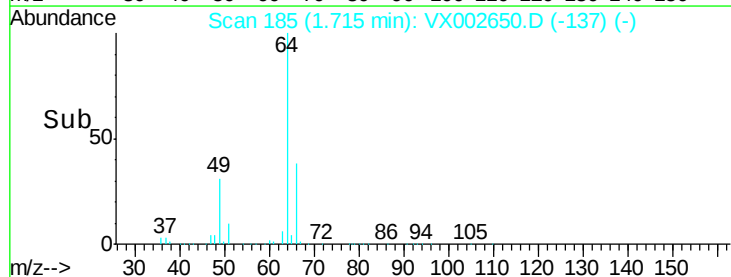
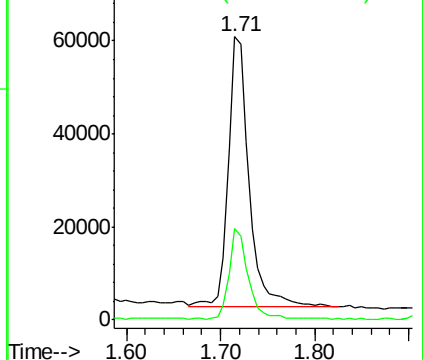
64 100

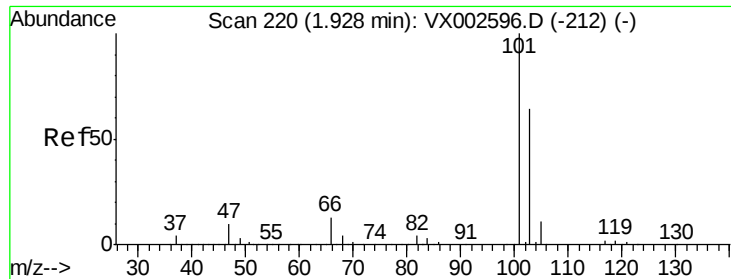
66 33.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



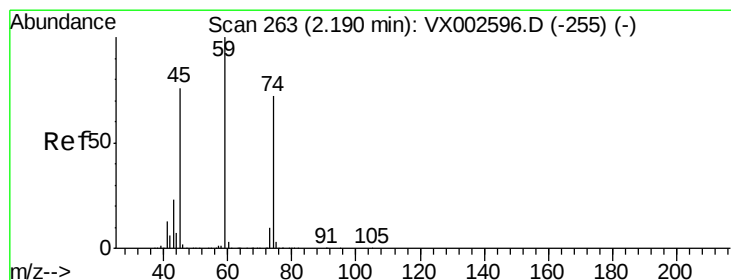
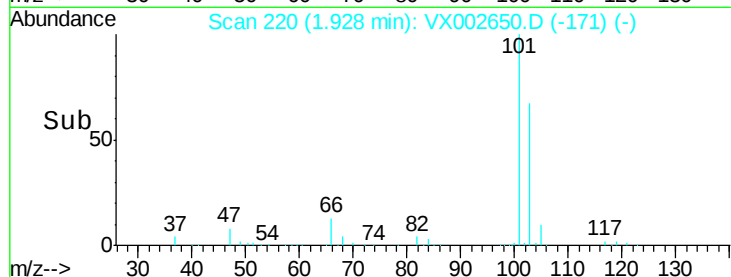
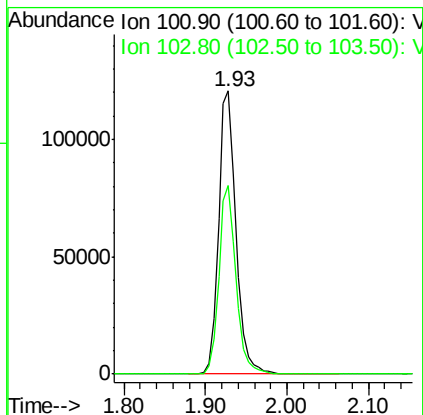
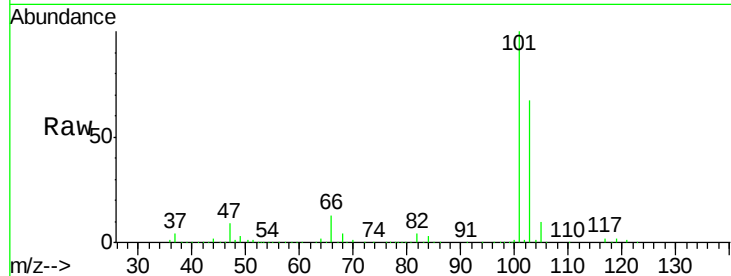


#7

Trichlorofluoromethane
 Concen: 44.12 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

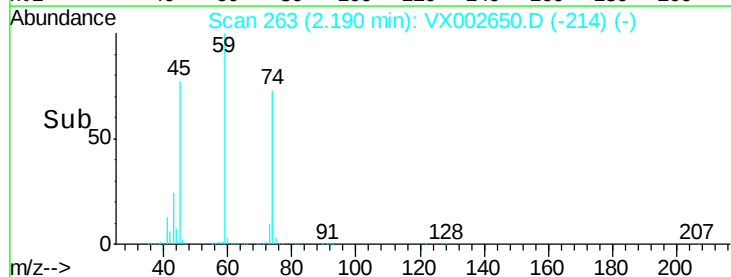
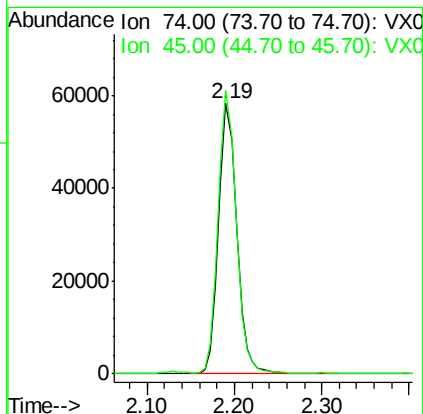
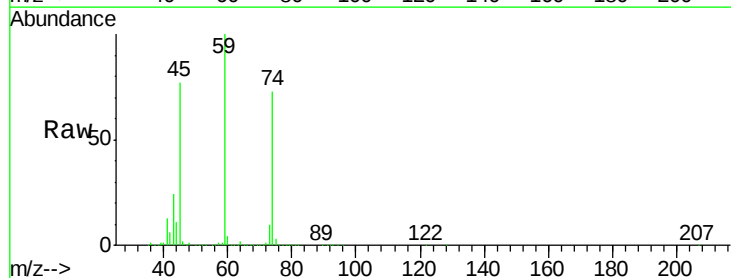
Tot Ion:101 Resp: 180839
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.8 79.2

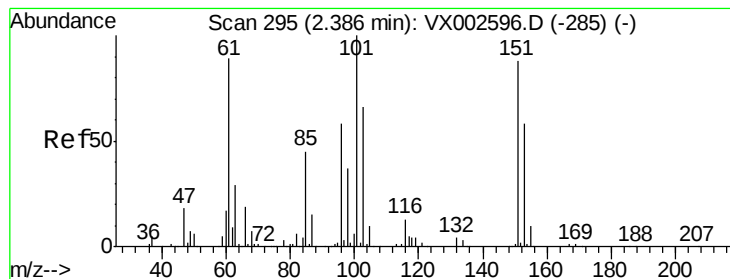


#8

Diethyl Ether
 Concen: 54.11 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion: 74 Resp: 84350
 Ion Ratio Lower Upper
 74 100
 45 103.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.60 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

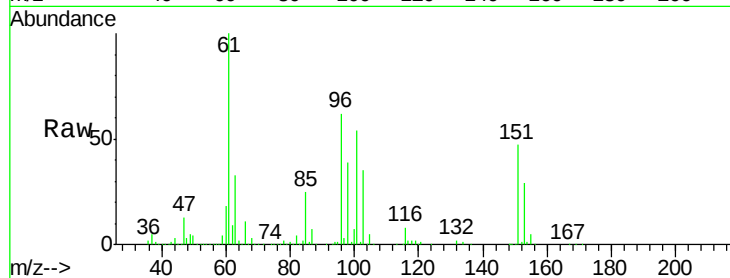
Tot Ion:101 Resp: 90718

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

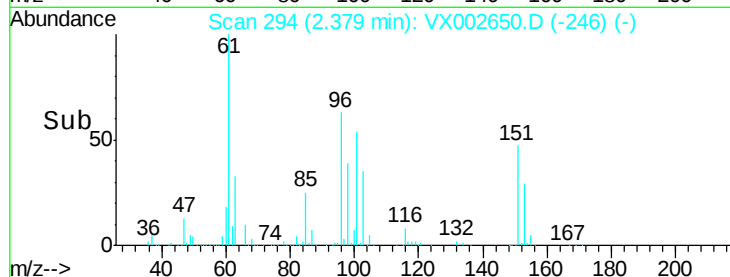
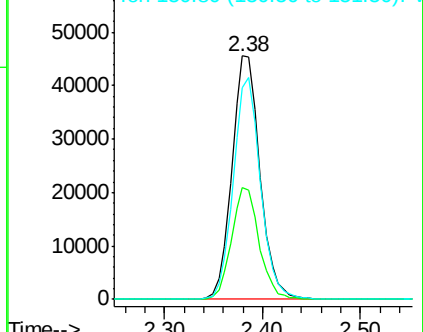
151 88.2 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.84 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

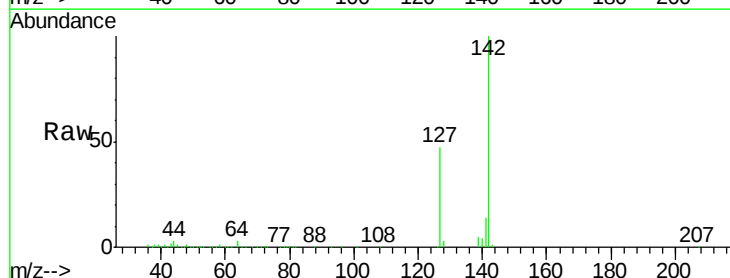
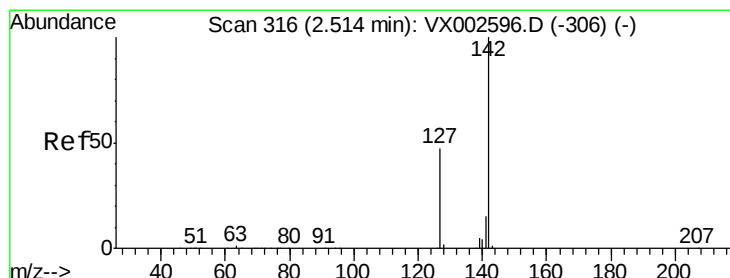
Tgt Ion:142 Resp: 112654

Ion Ratio Lower Upper

142 100

127 46.3 36.6 55.0

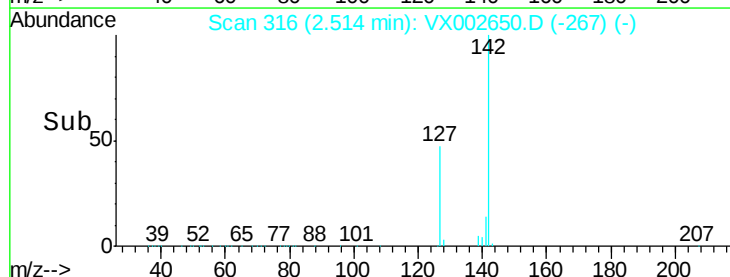
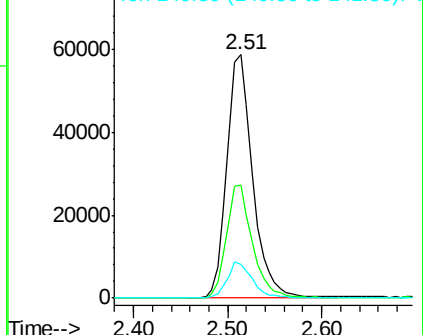
141 14.4 11.3 16.9

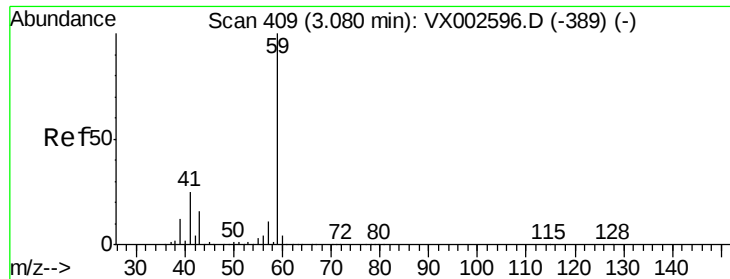


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

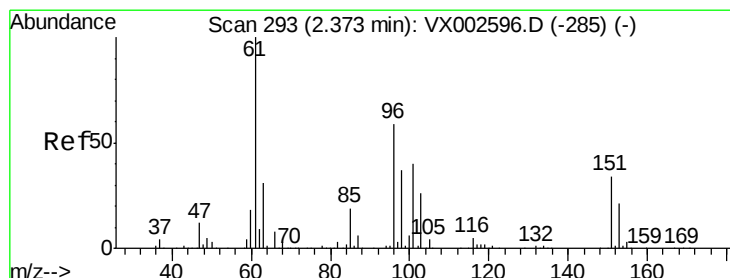
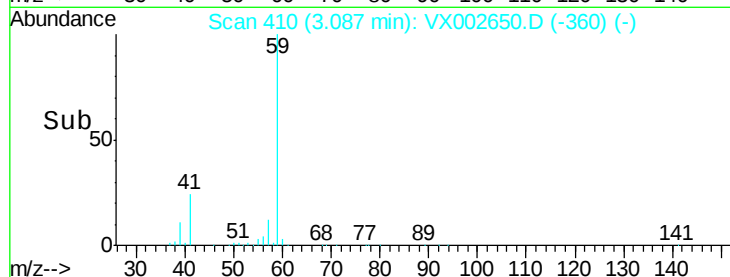
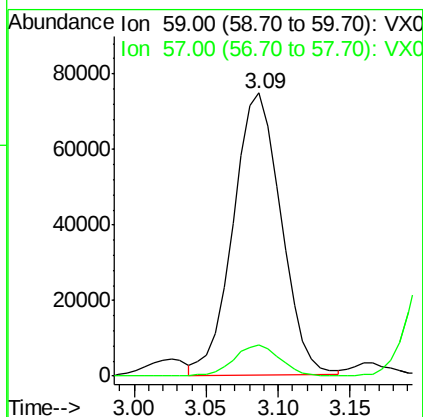
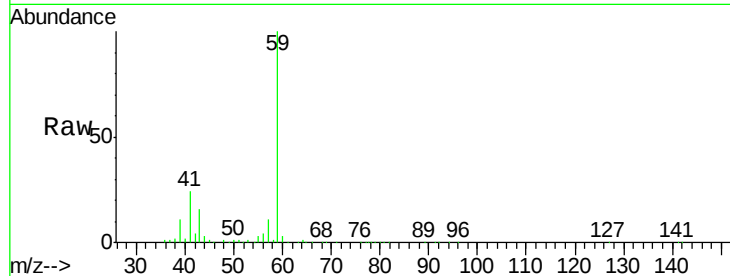




#11
Tert butyl alcohol
Concen: 284.08 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

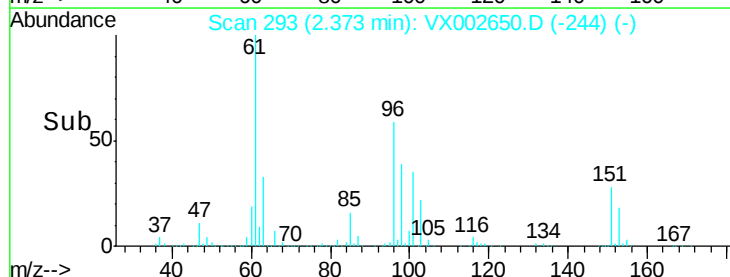
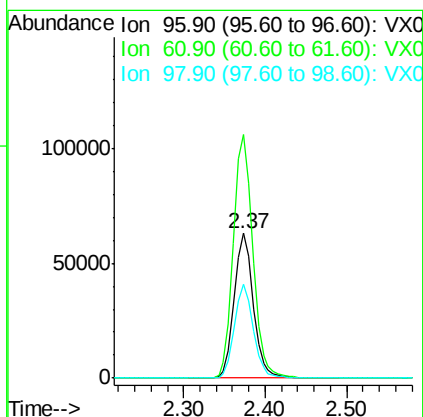
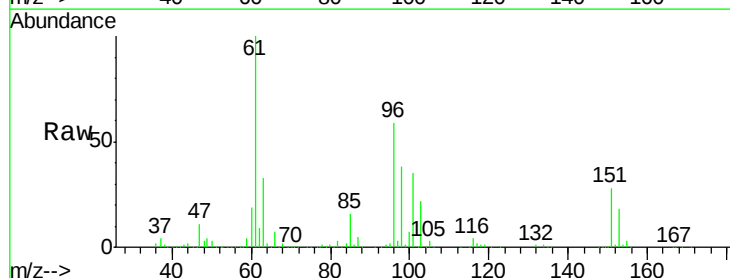
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

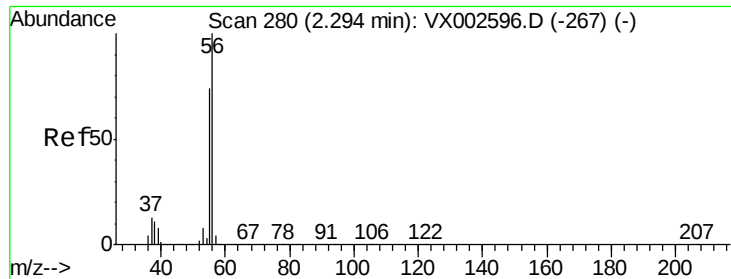
Tot Ion: 59 Resp: 171804
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.02 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 96 Resp: 101145
Ion Ratio Lower Upper
96 100
61 168.4 137.9 206.9
98 64.8 51.6 77.4





#13

Acrolein

Concen: 236.36 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

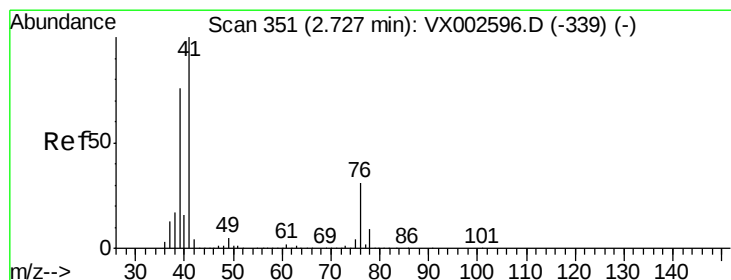
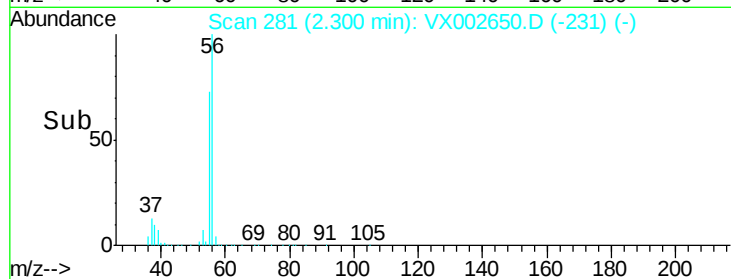
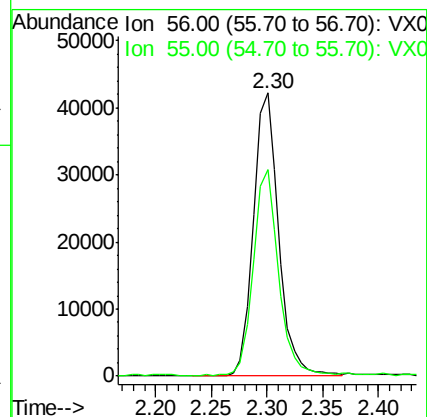
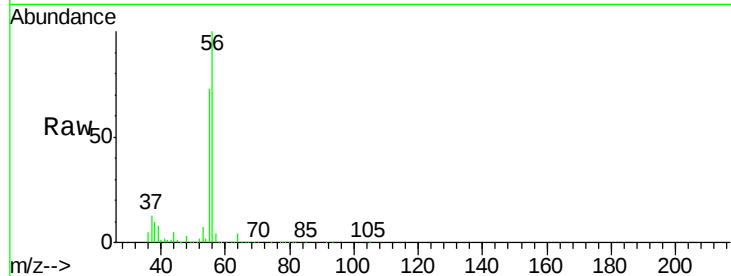
VSTDCCC050EC

Tot Ion: 56 Resp: 66902

Ion Ratio Lower Upper

56 100

55 73.0 57.0 85.4



#14

Allyl chloride

Concen: 48.91 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

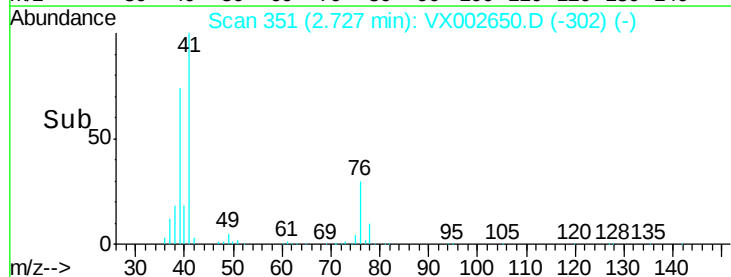
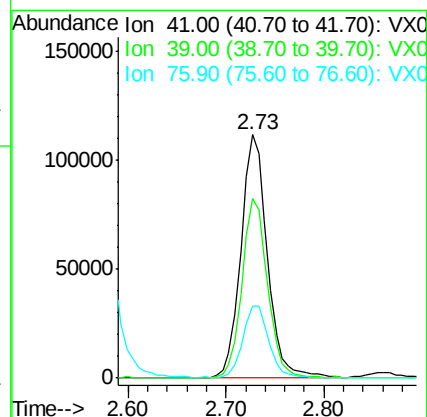
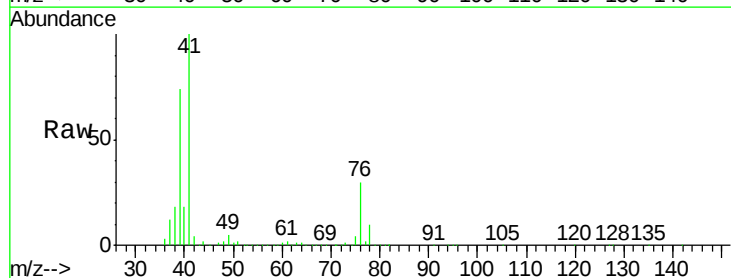
Tgt Ion: 41 Resp: 208884

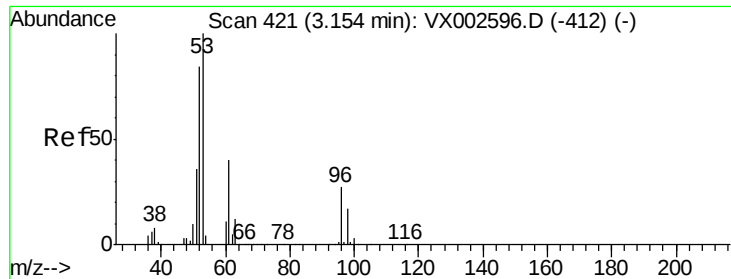
Ion Ratio Lower Upper

41 100

39 71.4 56.8 85.2

76 29.1 23.8 35.8





#15

Acrylonitrile

Concen: 283.82 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

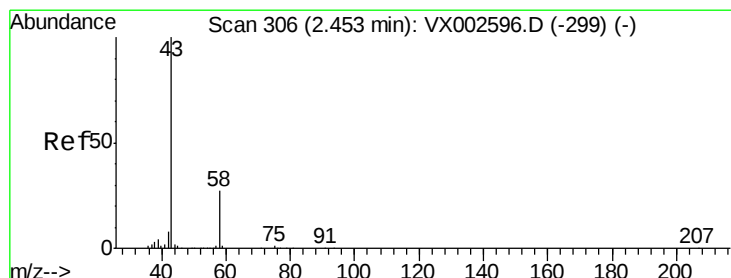
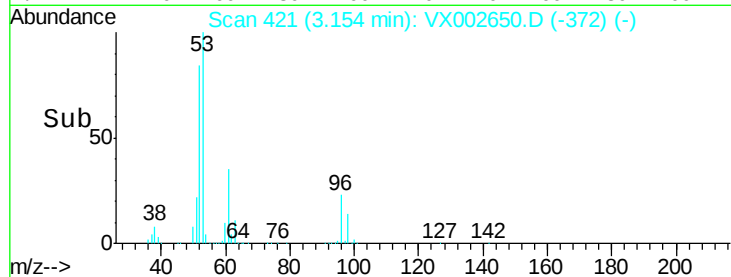
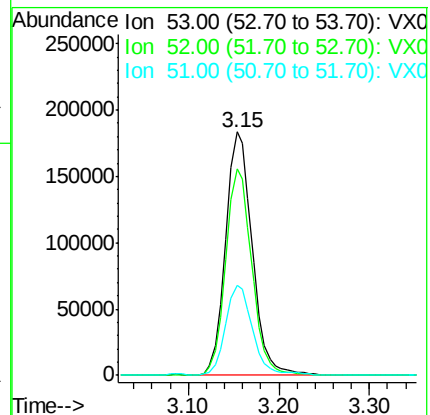
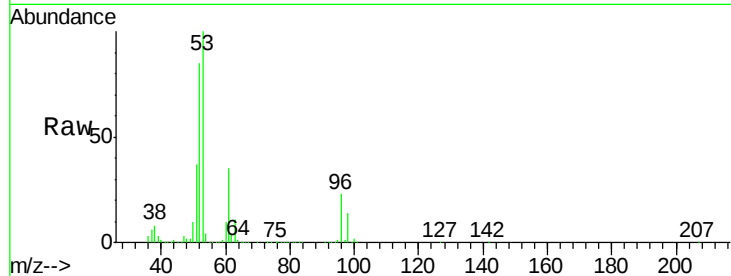
Tot Ion: 53 Resp: 374555

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

51 37.8 29.9 44.9



#16

Acetone

Concen: 274.73 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002650.D

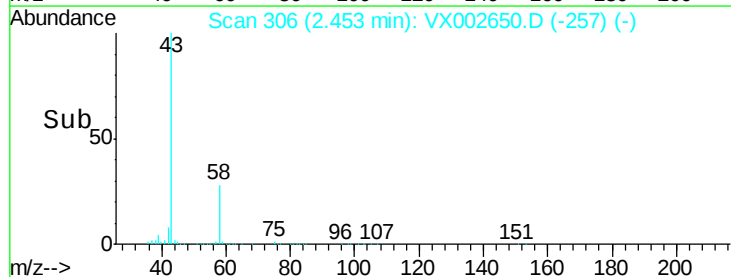
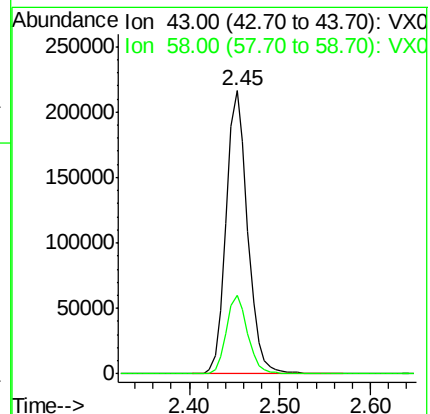
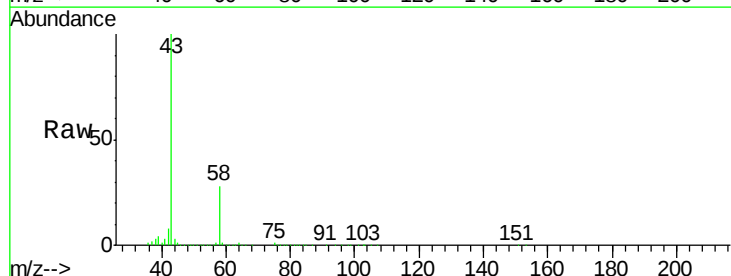
Acq: 16 Jun 2018 16:00

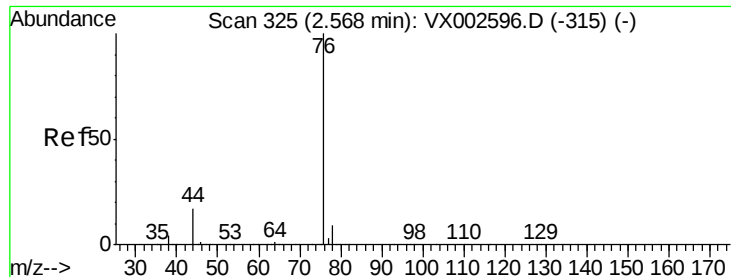
Tgt Ion: 43 Resp: 354592

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1

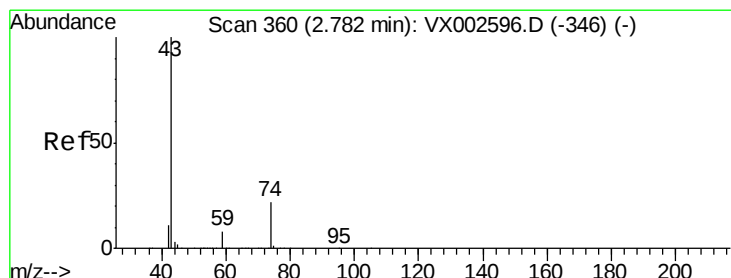
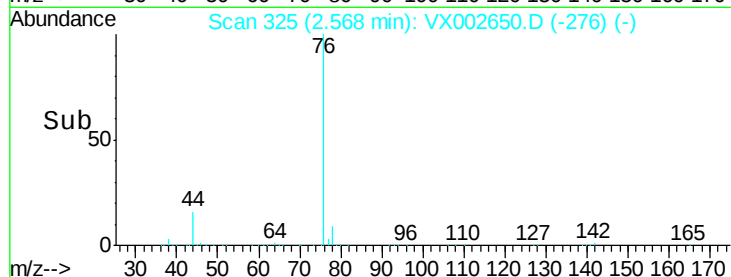
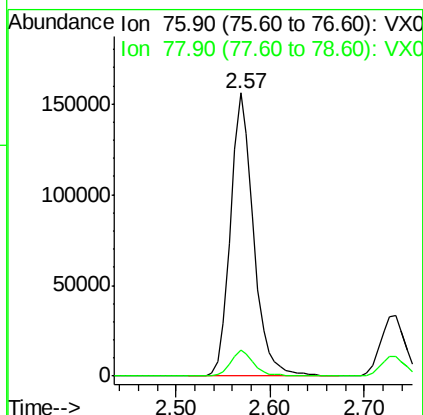
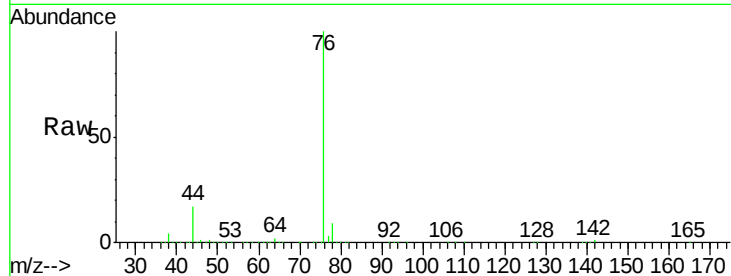




#17
Carbon Disulfide
Concen: 52.05 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

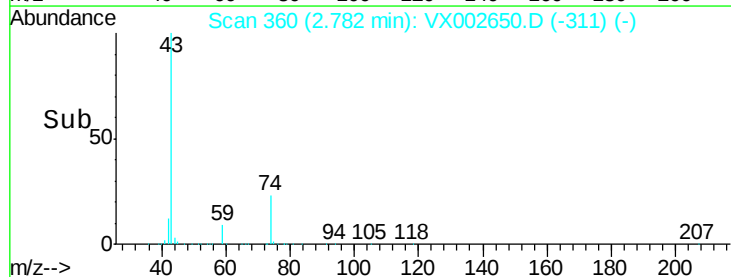
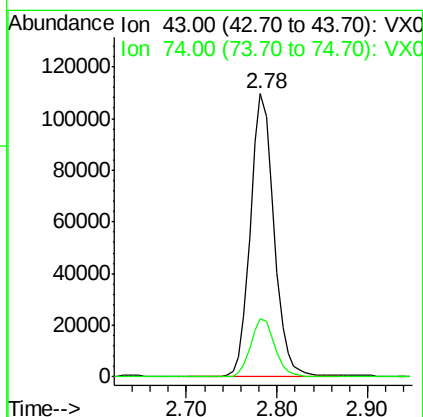
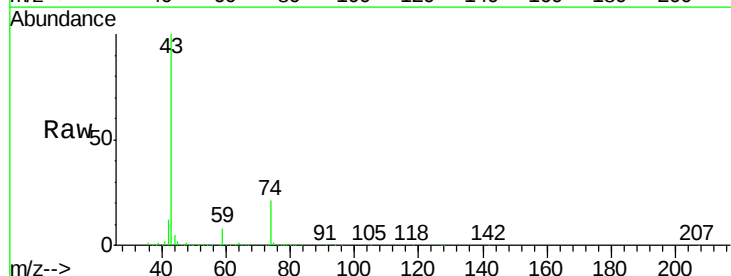
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

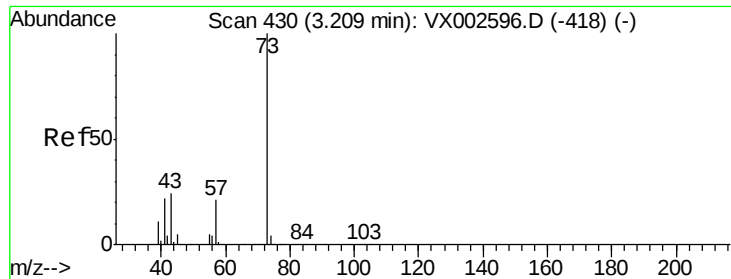
Tot Ion: 76 Resp: 265527
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 57.20 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 43 Resp: 196684
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1

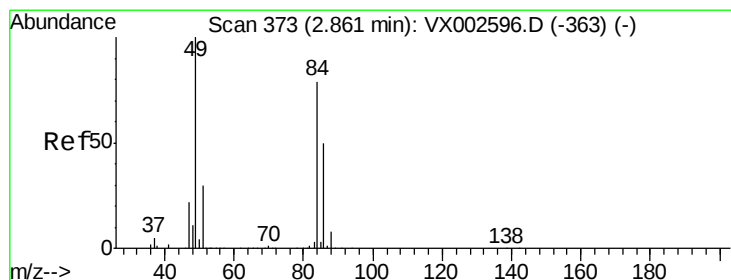
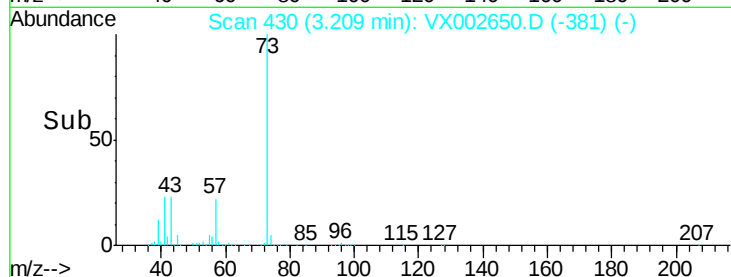
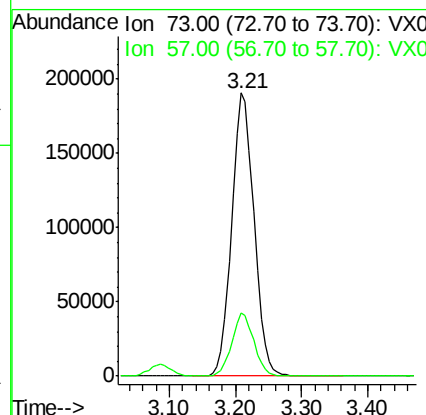
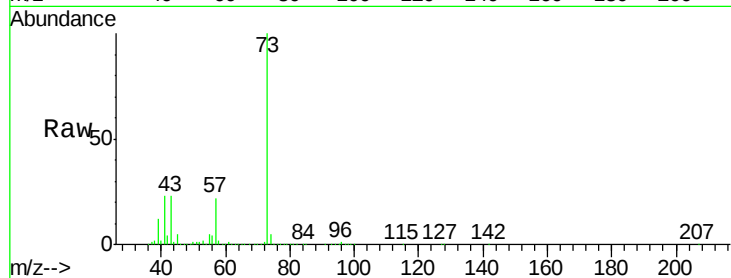




#19
Methvl tert-butvl Ether
Concen: 55.34 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

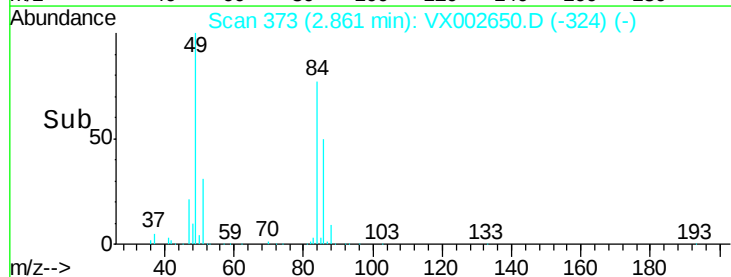
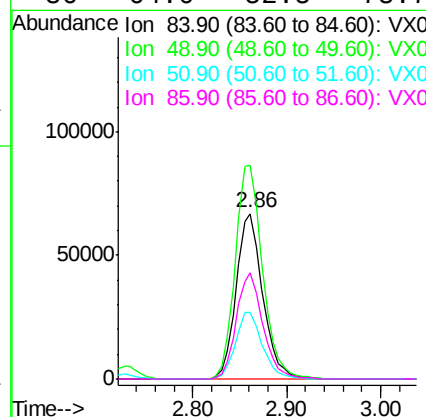
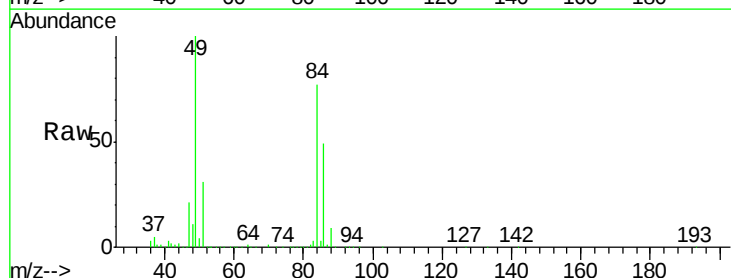
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

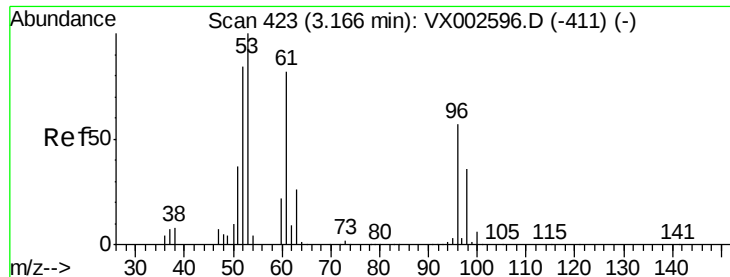
Tot Ion: 73 Resp: 446576
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 49.56 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 84 Resp: 131153
Ion Ratio Lower Upper
84 100
49 129.1 107.8 161.6
51 39.8 32.8 49.2
86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

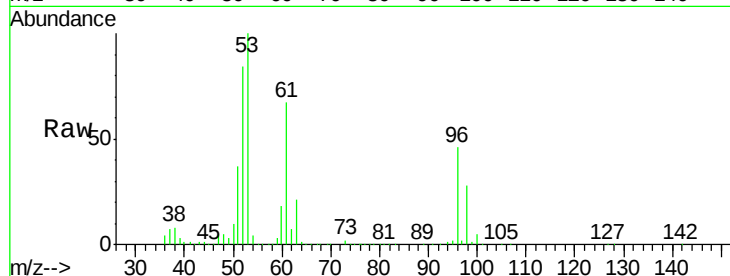
Tot Ion: 96 Resp: 119864

Ion Ratio Lower Upper

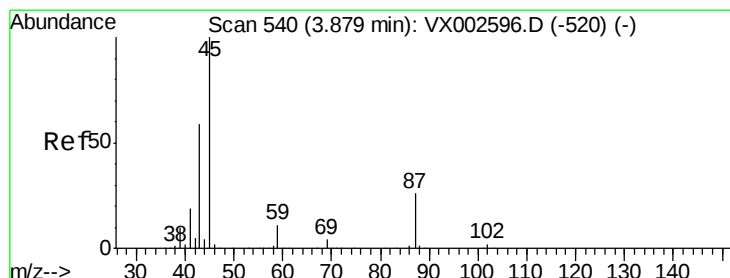
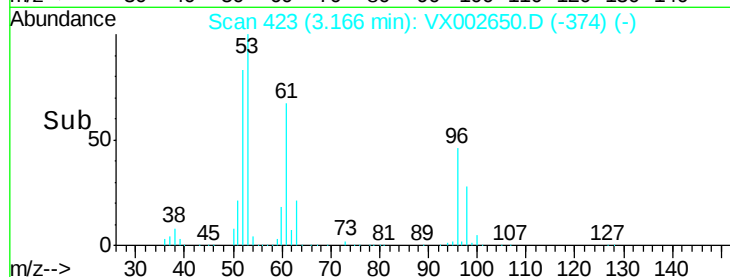
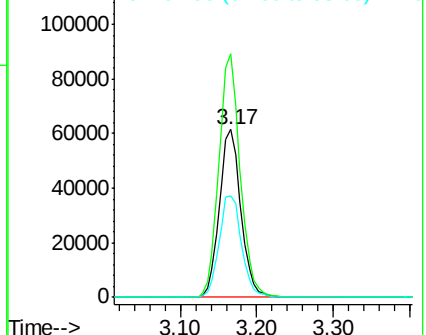
96 100

61 144.9 117.0 175.4

98 60.5 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: 53.41 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Tgt Ion: 45 Resp: 412671

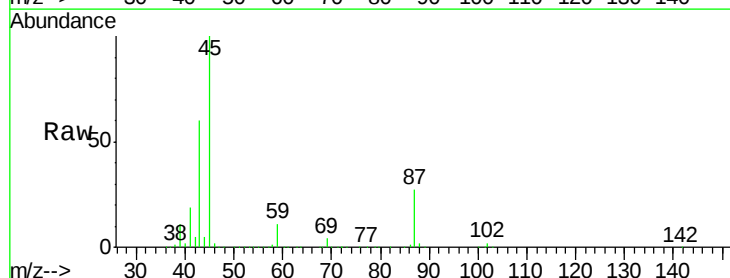
Ion Ratio Lower Upper

45 100

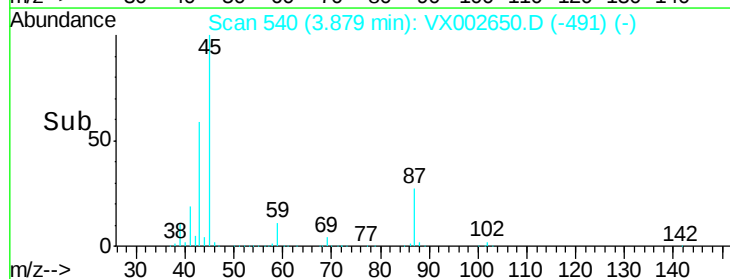
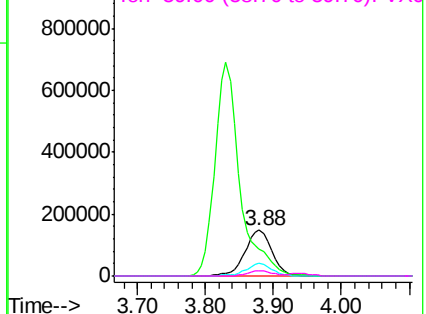
43 59.2 46.8 70.2

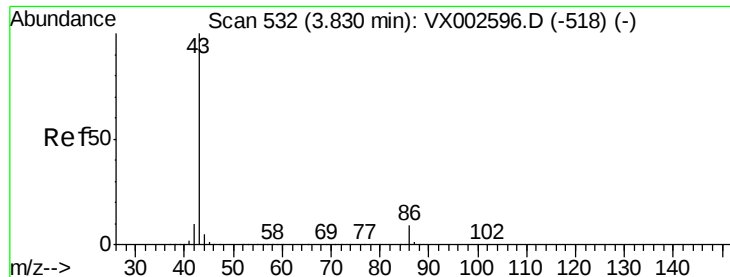
87 26.7 20.2 30.4

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: 273.35 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

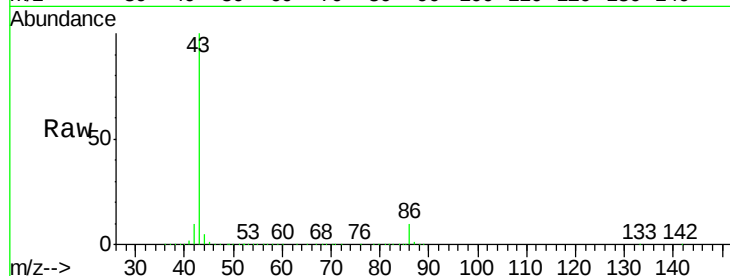
VSTDCCC050EC

Tot Ion: 43 Resp: 1767857

Ion Ratio Lower Upper

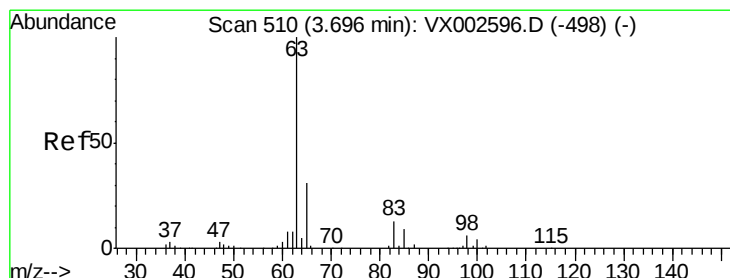
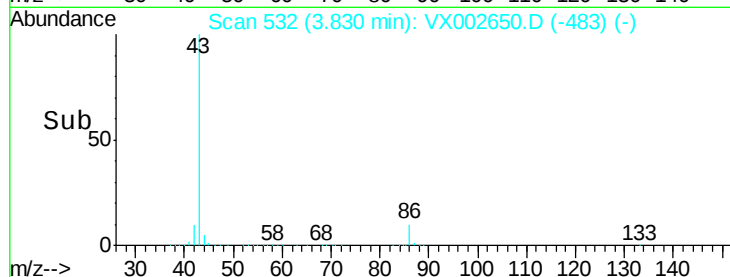
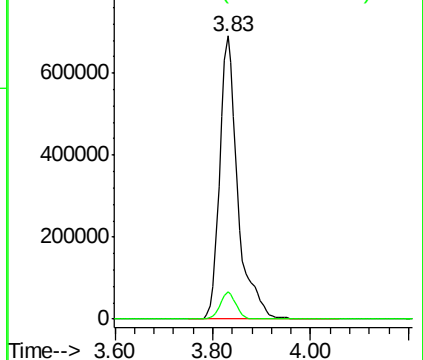
43 100

86 9.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.07 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

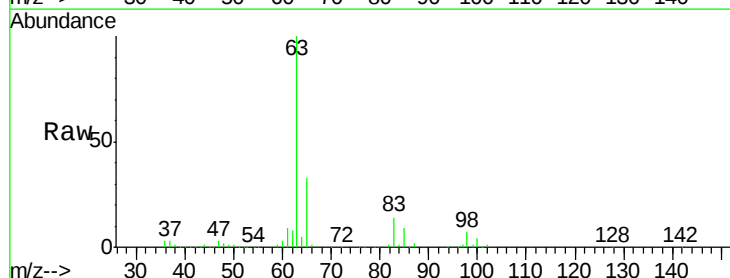
Tgt Ion: 63 Resp: 214205

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

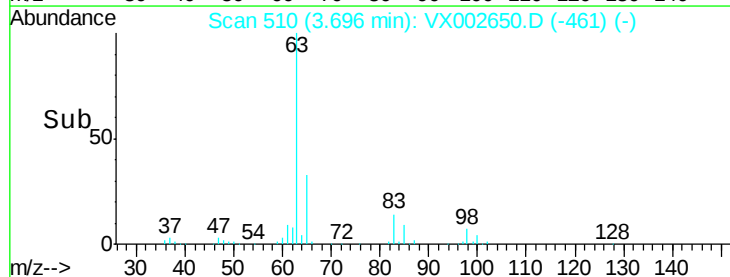
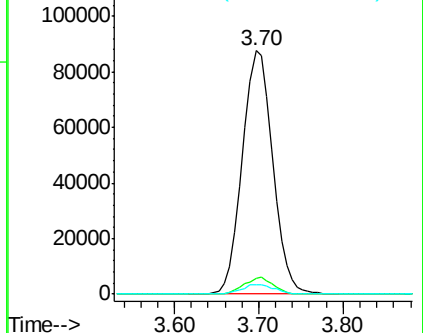
100 3.9 2.0 6.0

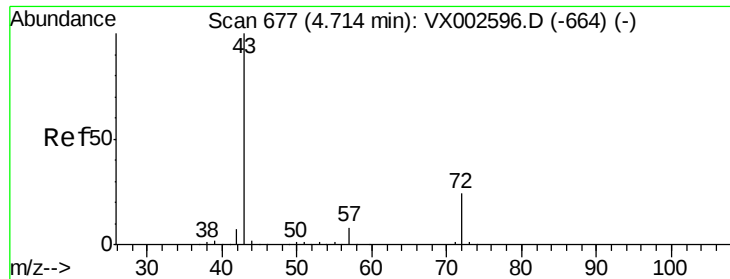


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 286.30 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

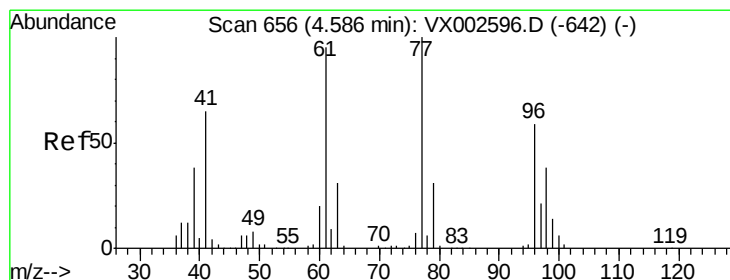
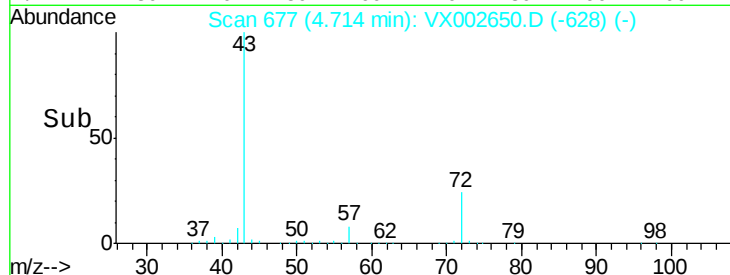
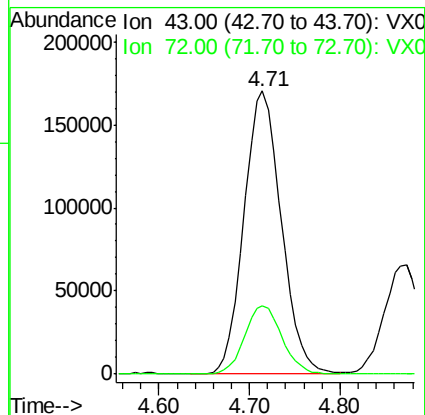
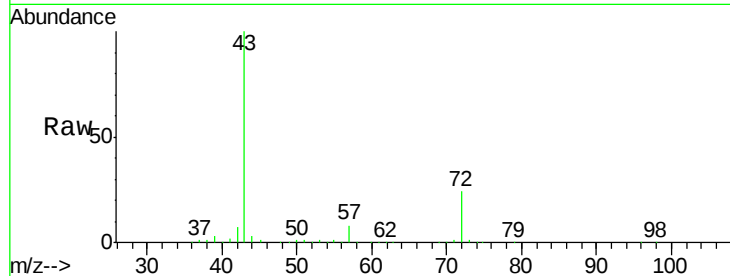
VSTDCCC050EC

Tot Ion: 43 Resp: 485269

Ion Ratio Lower Upper

43 100

72 24.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 26.82 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002650.D

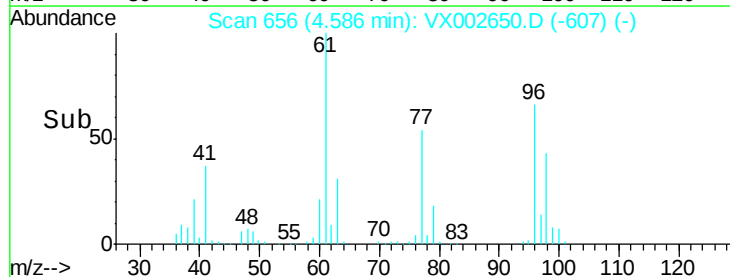
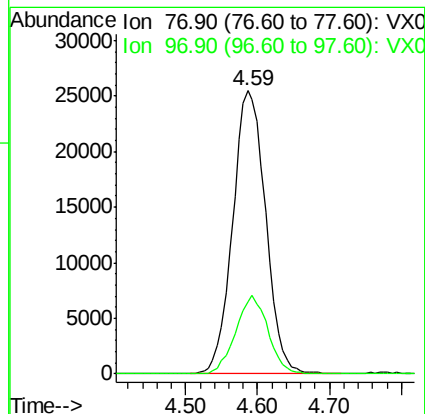
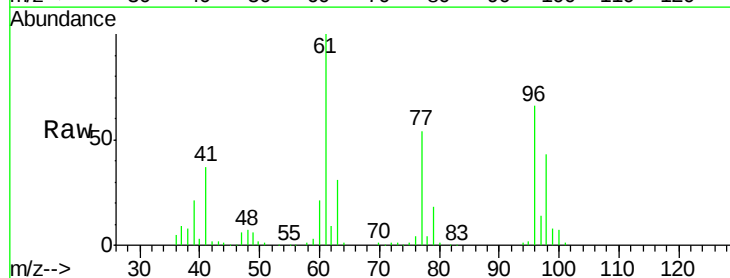
Acq: 16 Jun 2018 16:00

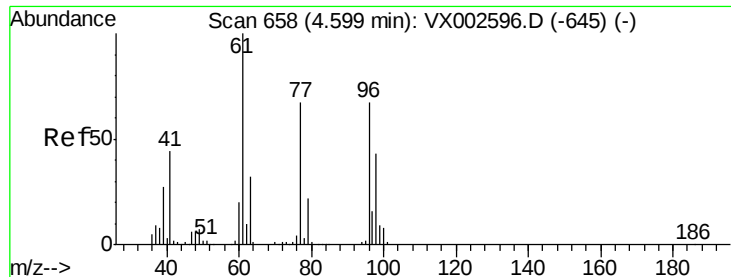
Tgt Ion: 77 Resp: 80816

Ion Ratio Lower Upper

77 100

97 27.1 11.2 33.5



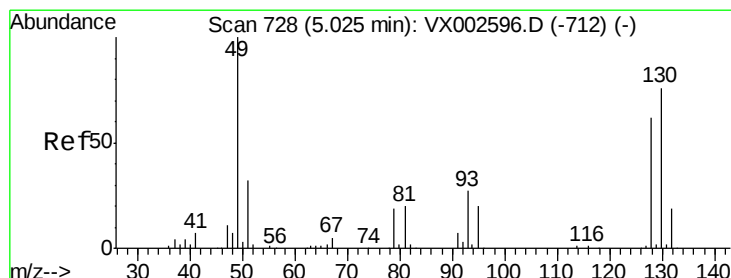
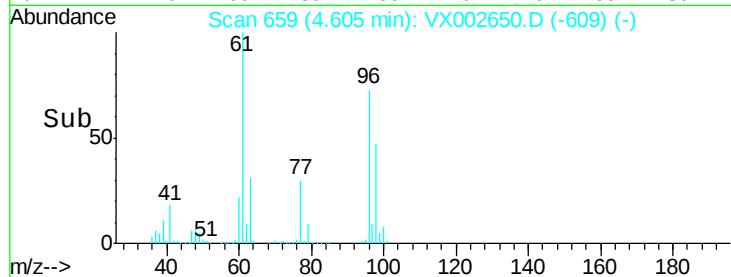
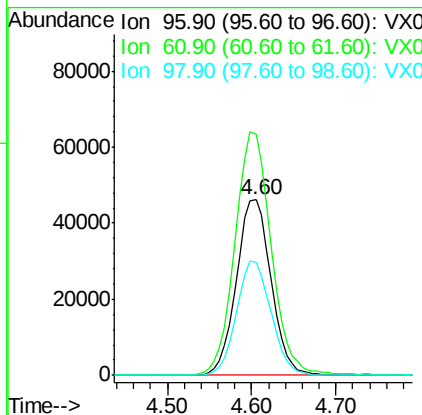
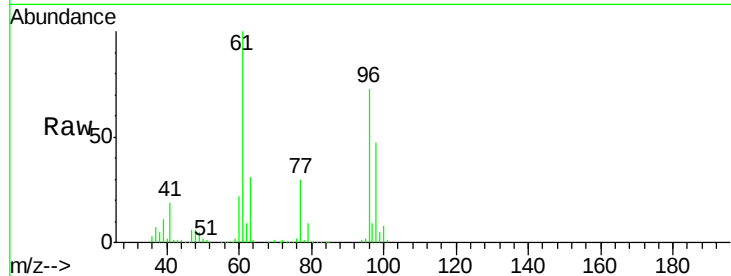


#27

cis-1,2-Dichloroethene
 Concen: 54.03 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

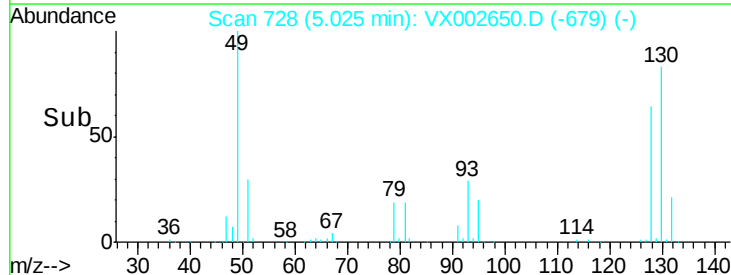
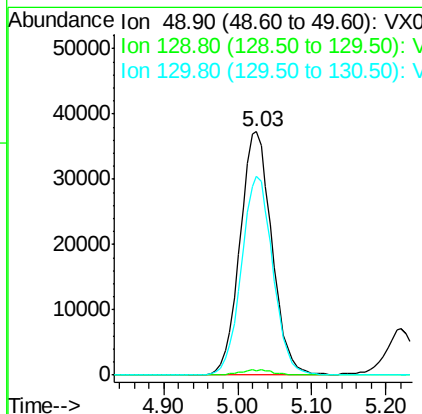
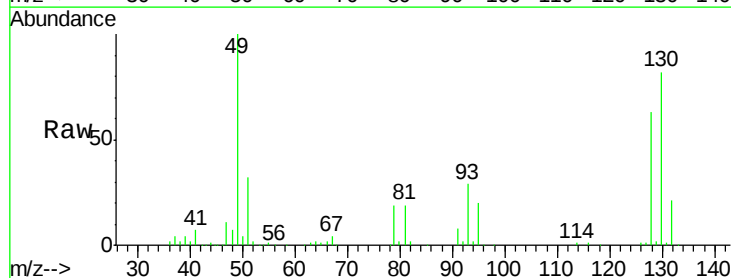
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	330.2
98	64.5	0.0	130.2

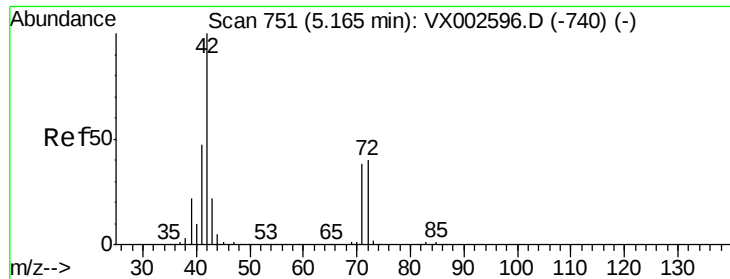


#28

Bromochloromethane
 Concen: 57.27 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	80.3	61.2	91.8





#29

Tetrahydrofuran

Concen: 287.46 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

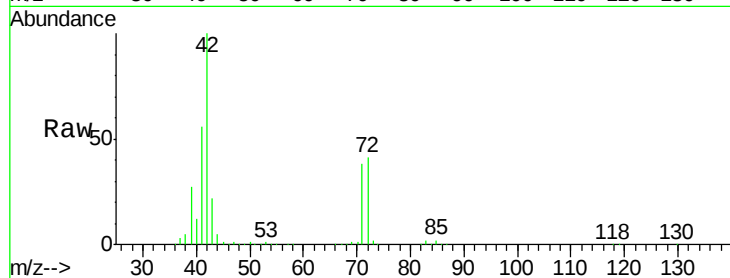
Tot Ion: 42 Resp: 319325

Ion Ratio Lower Upper

42 100

72 41.6 32.0 48.0

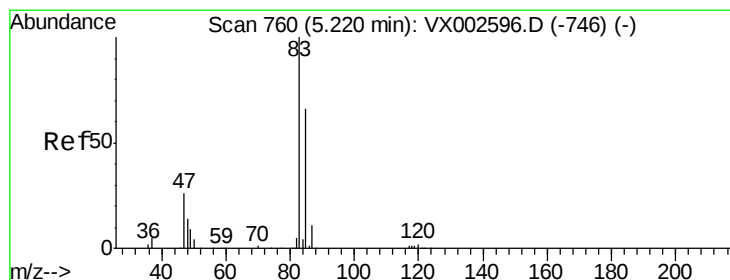
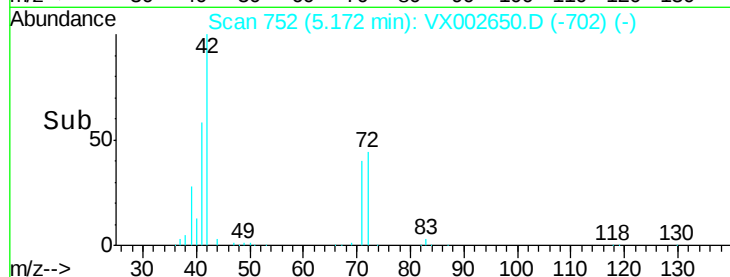
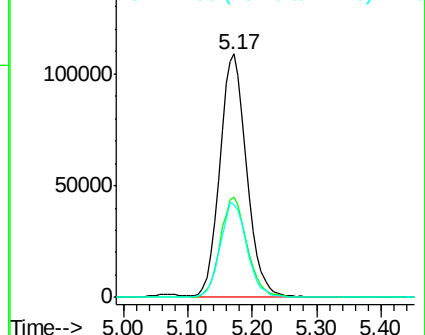
71 38.8 30.1 45.1



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: 55.75 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002650.D

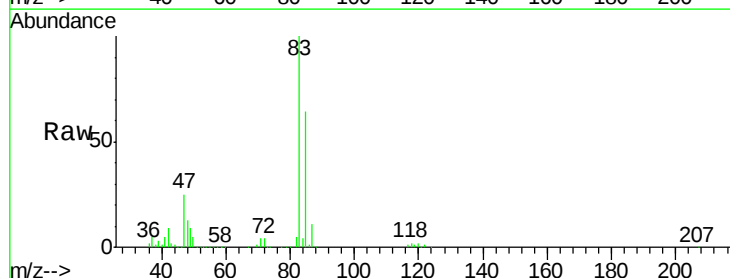
Acq: 16 Jun 2018 16:00

Tgt Ion: 83 Resp: 225451

Ion Ratio Lower Upper

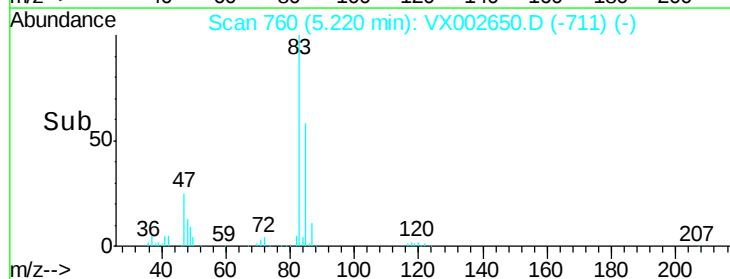
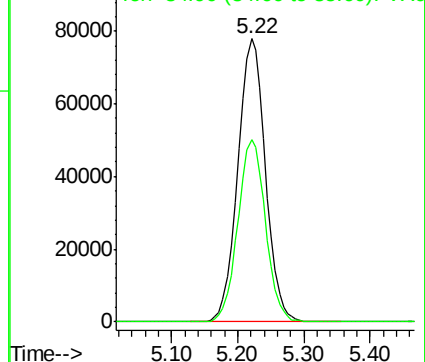
83 100

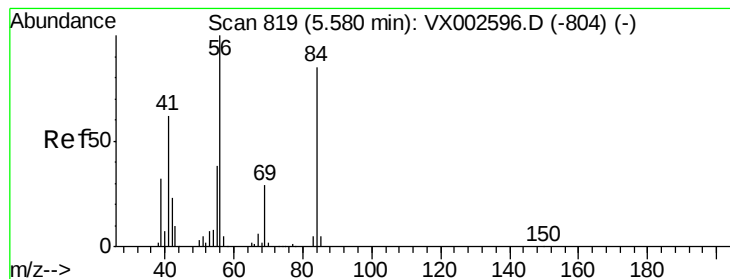
85 64.2 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 42.01 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

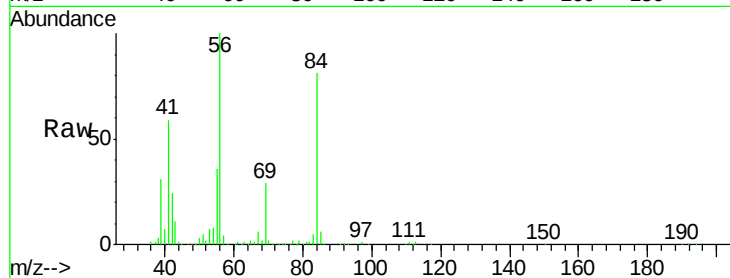
Tot Ion: 56 Resp: 145063

Ion Ratio Lower Upper

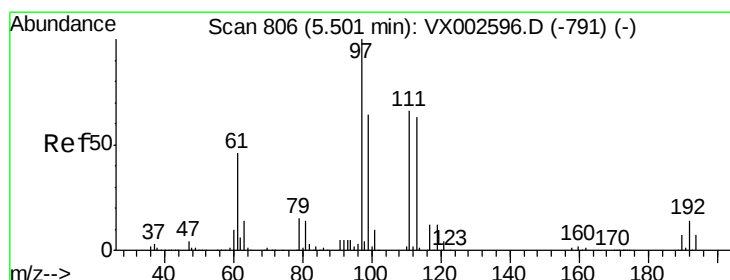
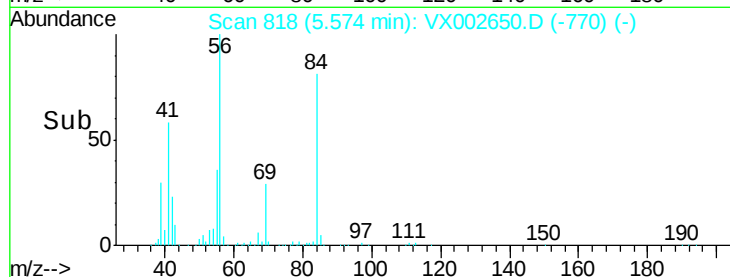
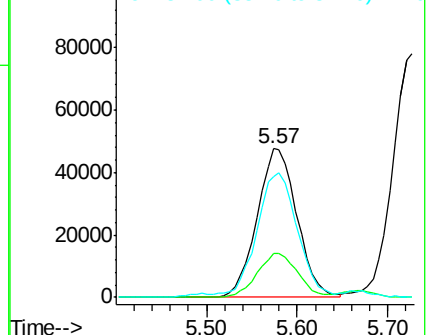
56 100

69 29.3 23.7 35.5

84 79.4 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: 53.52 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

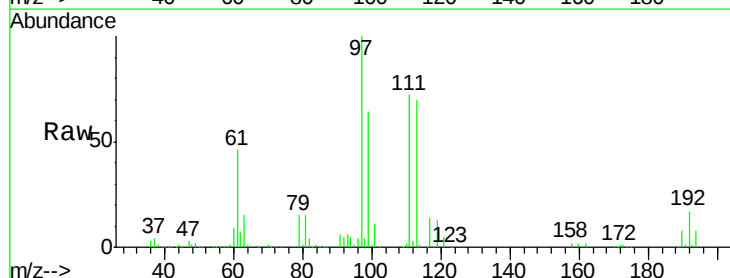
Tgt Ion: 97 Resp: 181040

Ion Ratio Lower Upper

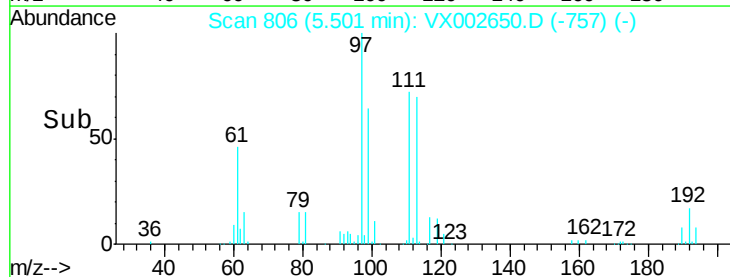
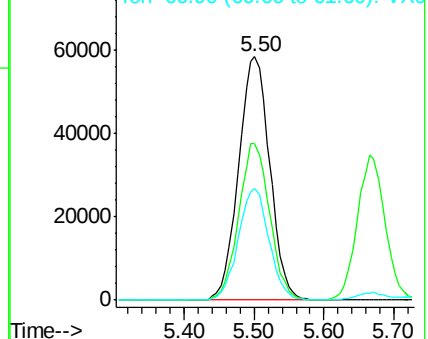
97 100

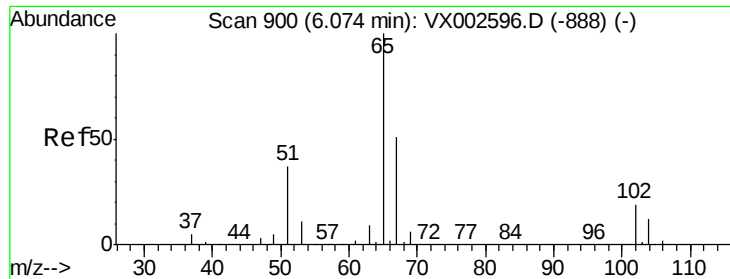
99 63.6 51.6 77.4

61 45.2 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

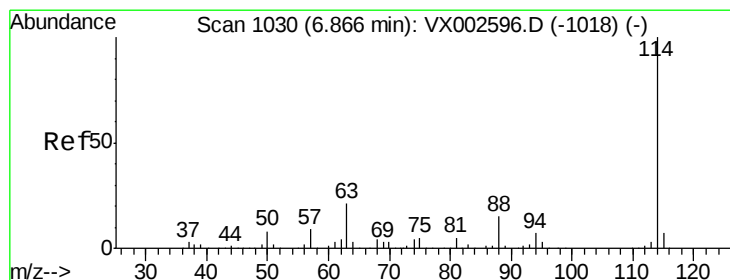
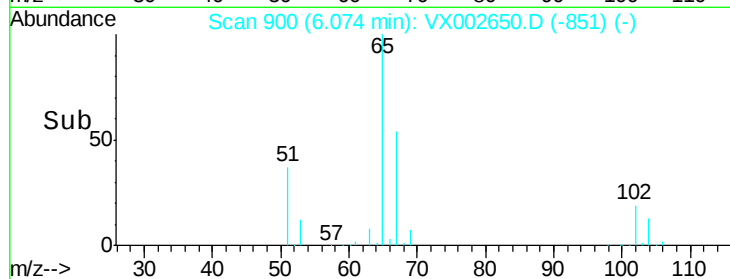
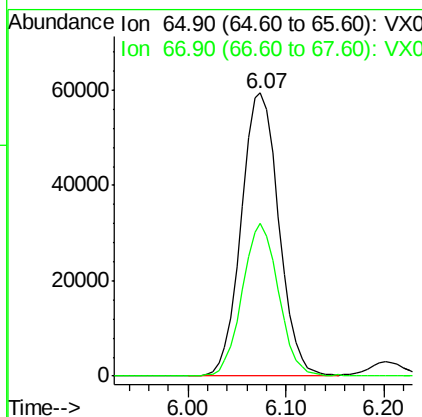
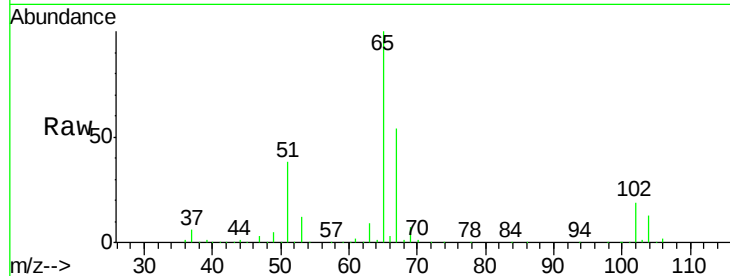




#33
 1,2-Dichloroethane-d4
 Concen: 54.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

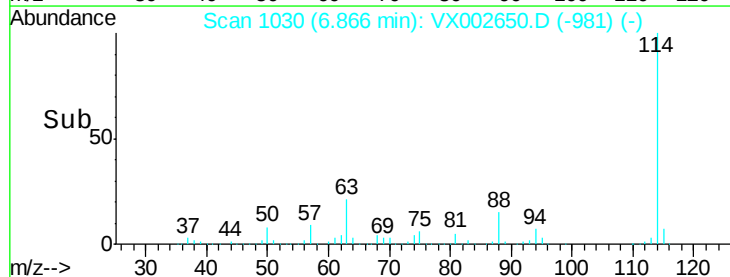
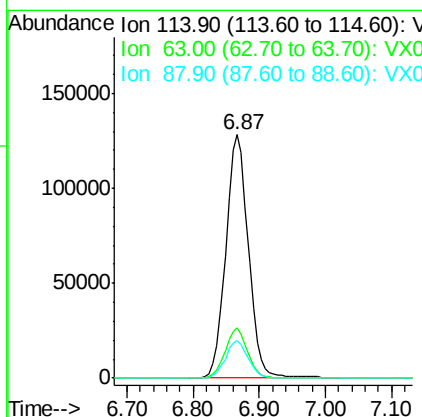
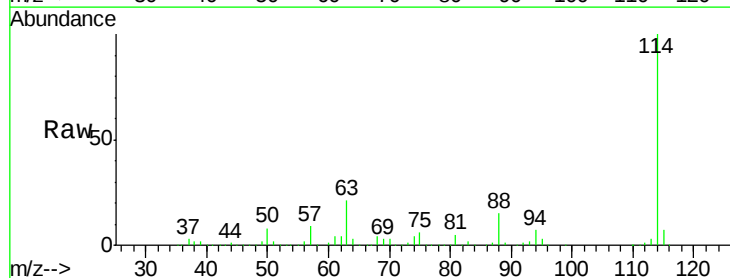
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

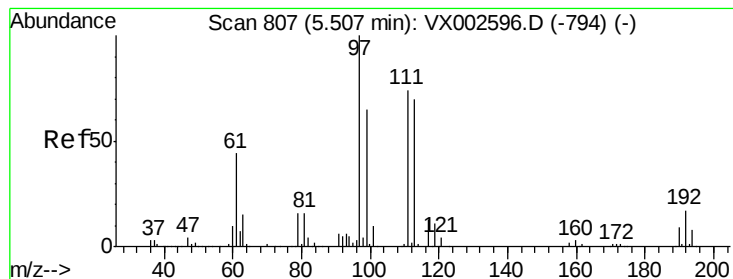
Tot Ion: 65 Resp: 158927
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion: 114 Resp: 303724
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.69 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

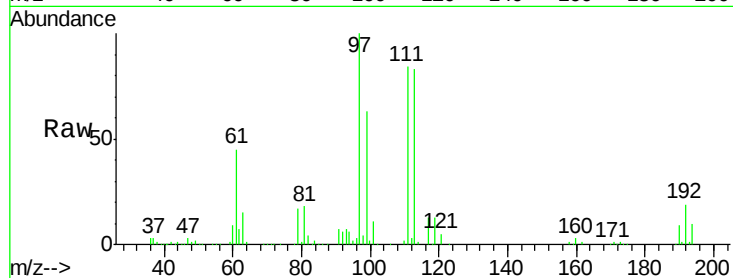
Tot Ion:113 Resp: 127722

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

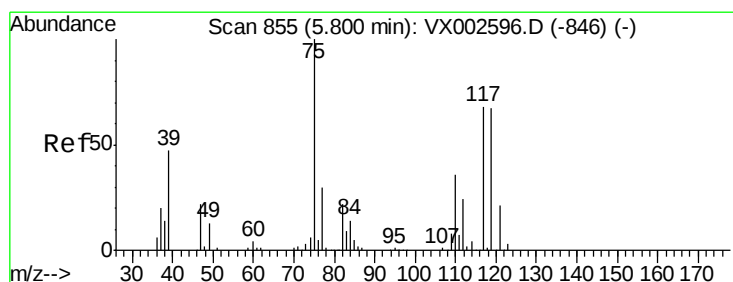
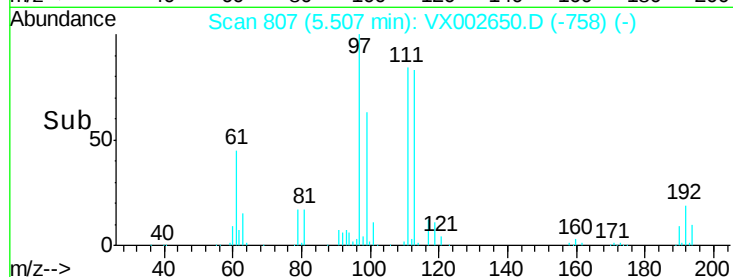
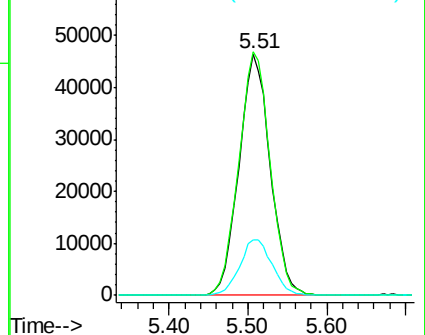
192 23.9 19.1 28.7



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: 44.50 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

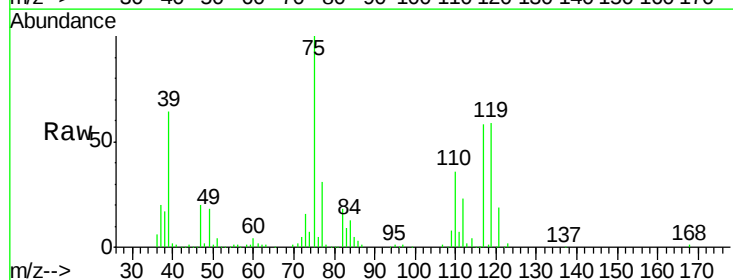
Tgt Ion: 75 Resp: 143537

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.4

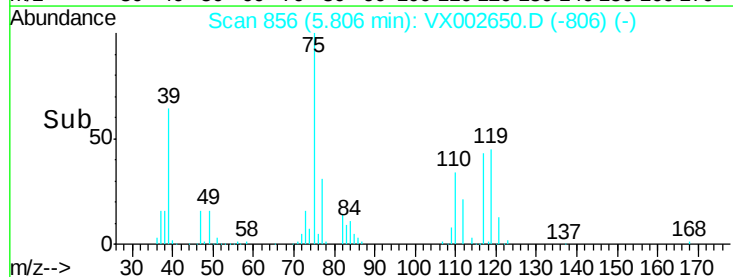
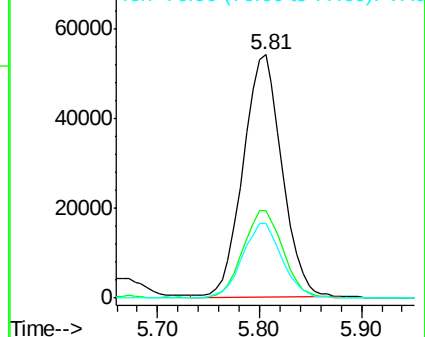
77 31.2 24.3 36.5

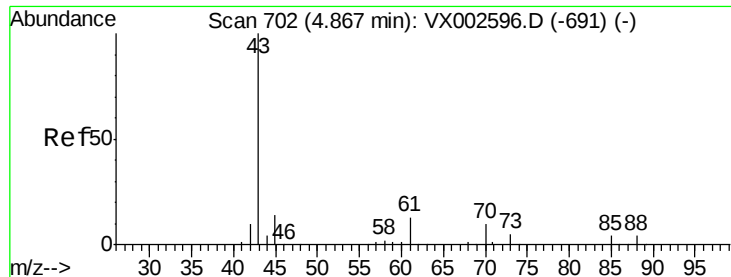


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

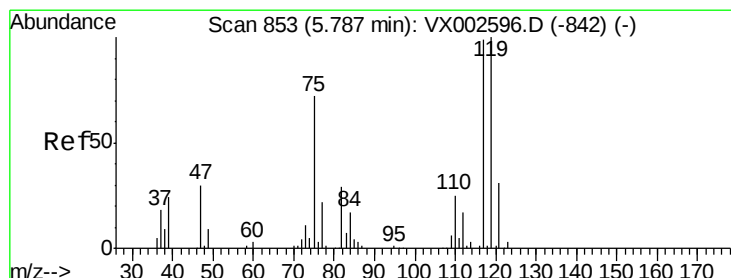
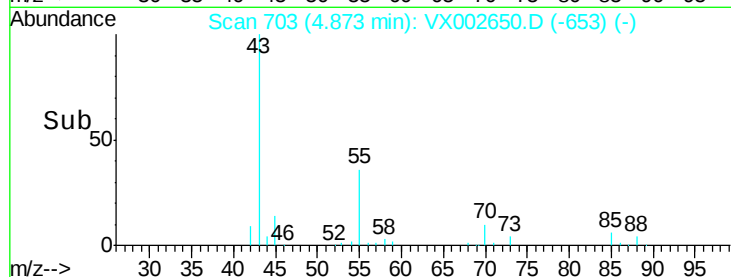
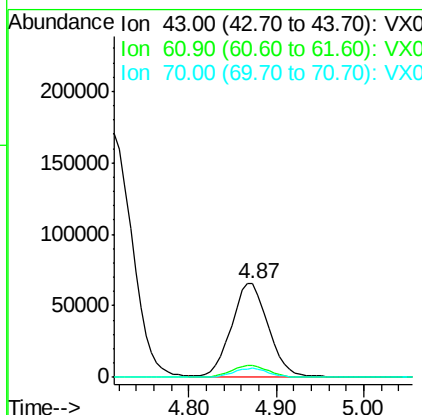
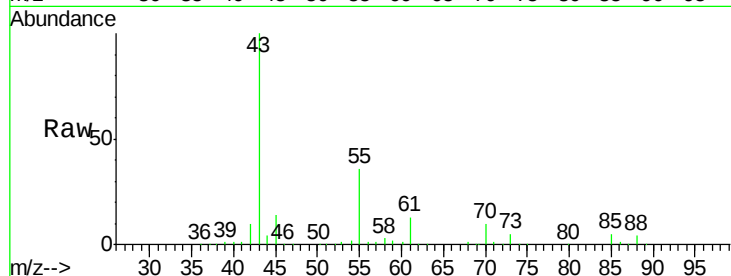




#37
Ethyl Acetate
Concen: 52.61 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

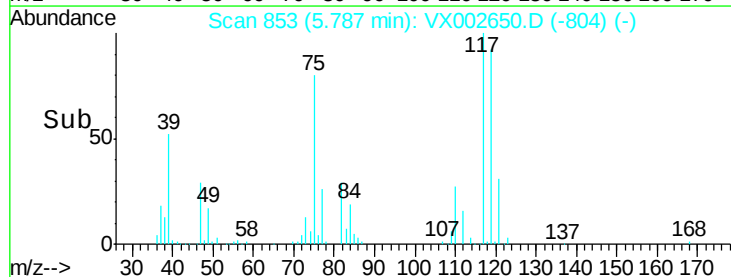
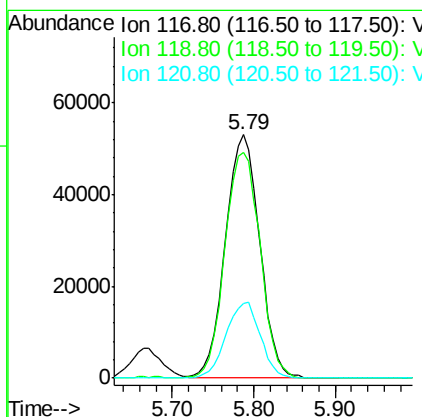
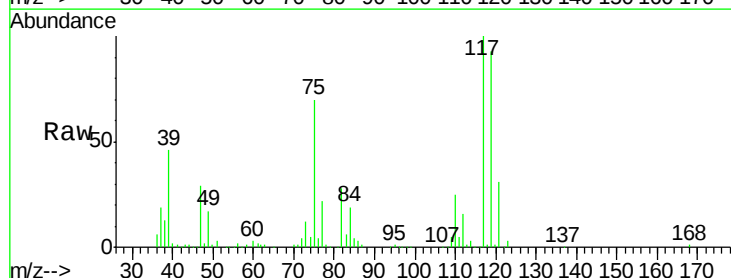
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

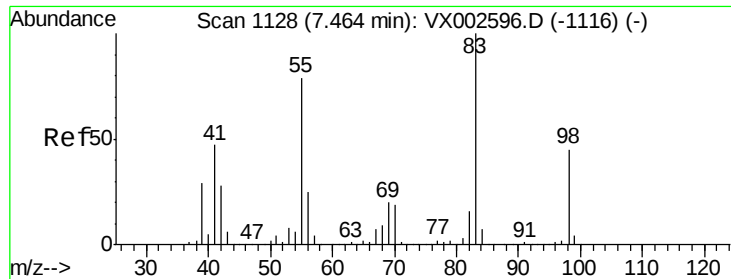
Tot Ion: 43 Resp: 192066
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 48.04 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 117 Resp: 154311
Ion Ratio Lower Upper
117 100
119 92.7 77.4 116.0
121 30.8 24.4 36.6

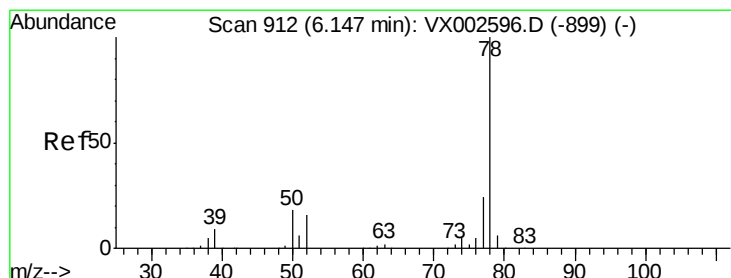
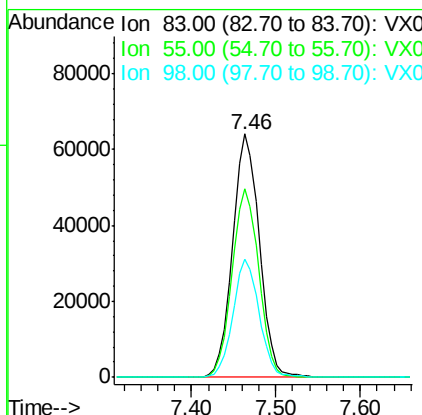
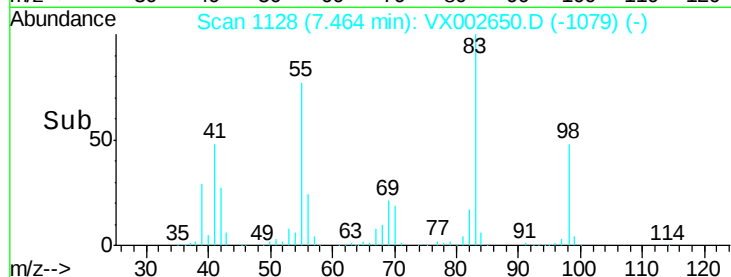
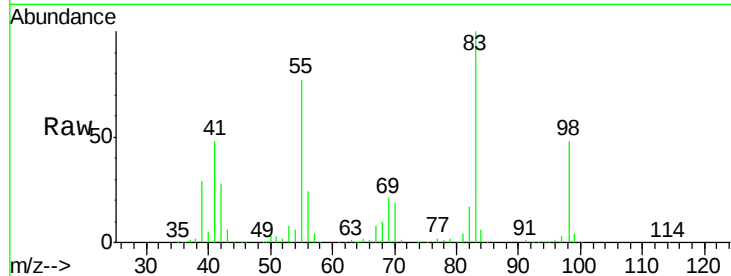




#39
Methvlcvclohexane
Concen: 36.48 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

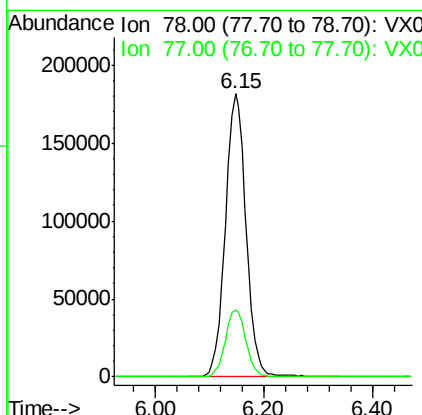
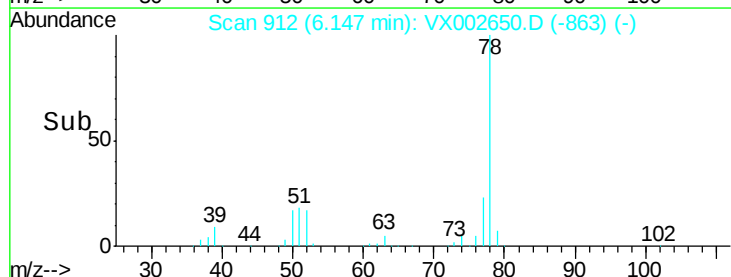
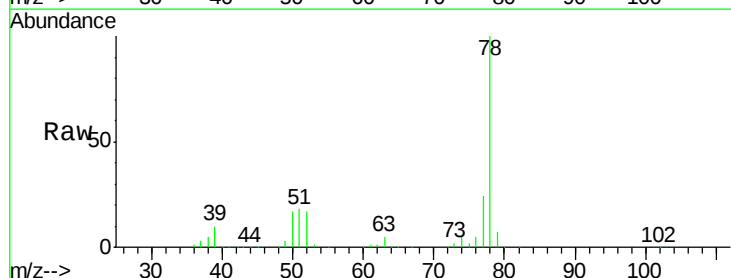
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

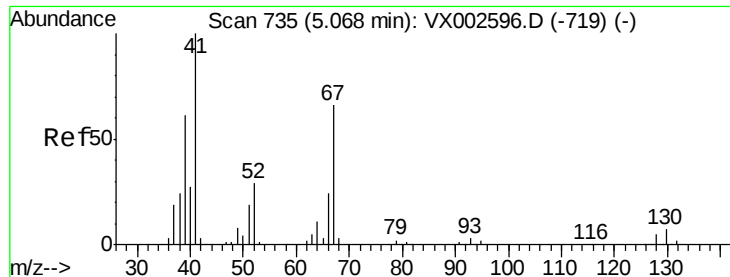
Tot Ion: 83 Resp: 137569
Ion Ratio Lower Upper
83 100
55 77.1 65.4 98.0
98 48.3 37.4 56.0



#40
Benzene
Concen: 49.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 78 Resp: 479716
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

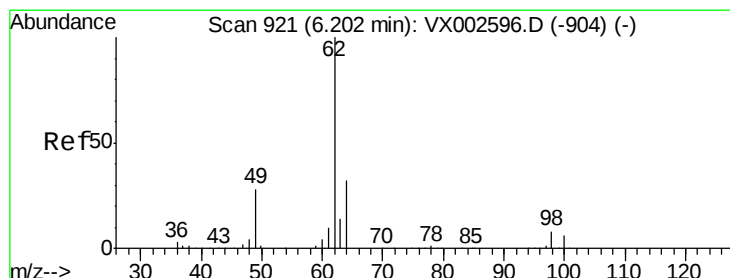
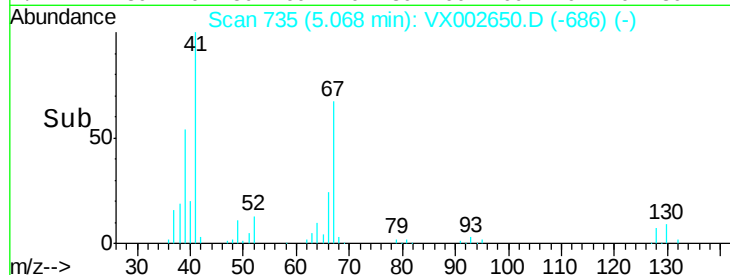
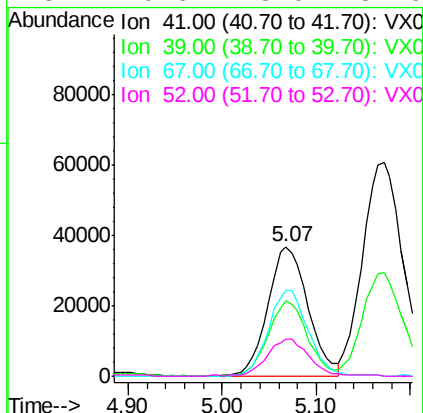
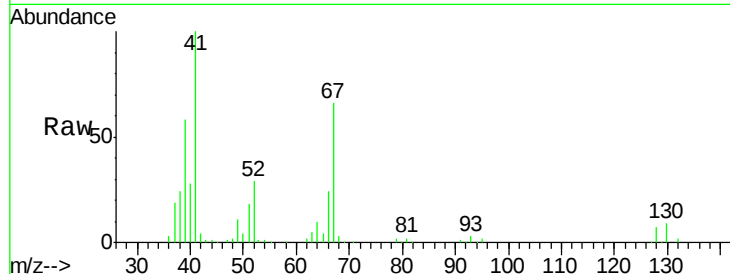




#41
Methacrylonitrile
Concen: 52.96 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

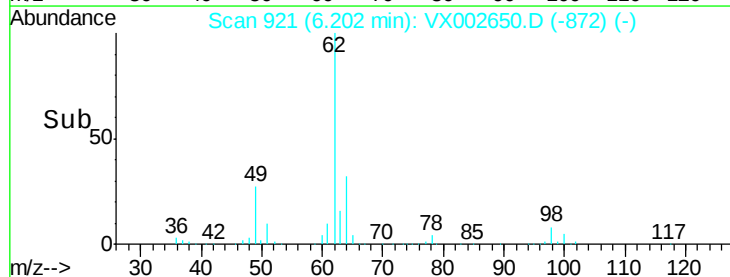
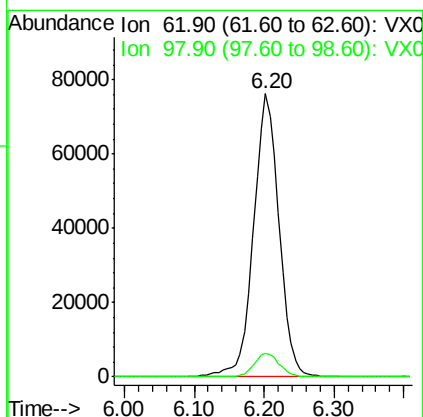
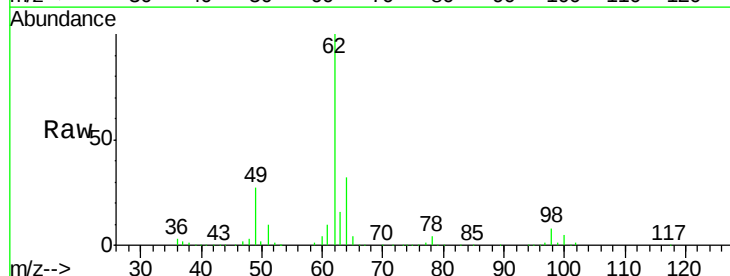
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

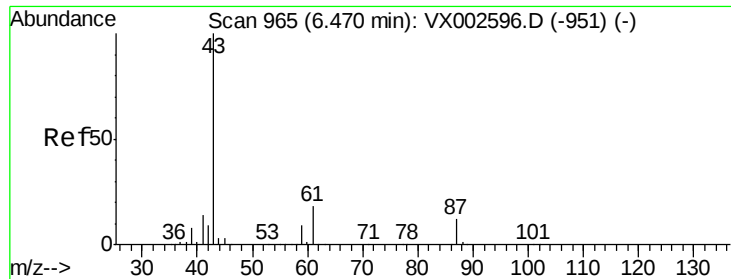
Tot Ion:	41	Resp:	109172
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.6
67	66.0	51.3	76.9
52	29.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 51.38 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion:	62	Resp:	192396
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

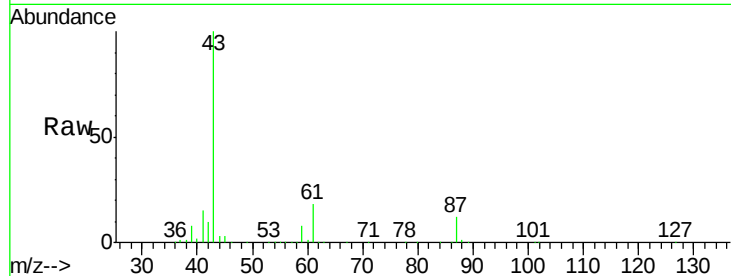
Tot Ion: 43 Resp: 313032

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

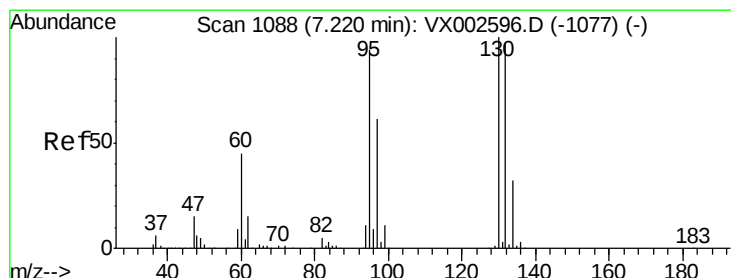
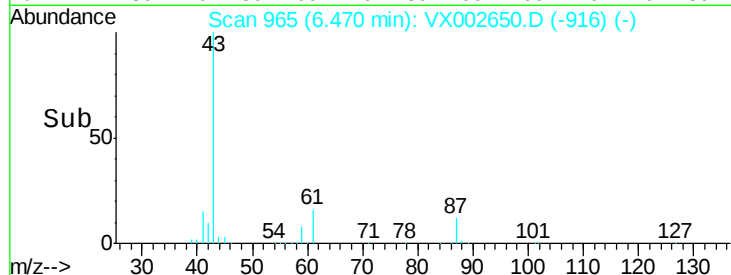
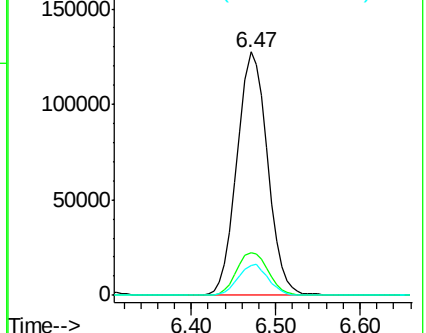
87 12.5 9.5 14.3



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: 48.11 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002650.D

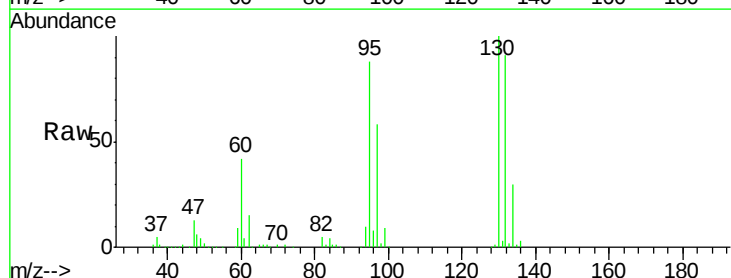
Acq: 16 Jun 2018 16:00

Tgt Ion: 130 Resp: 134300

Ion Ratio Lower Upper

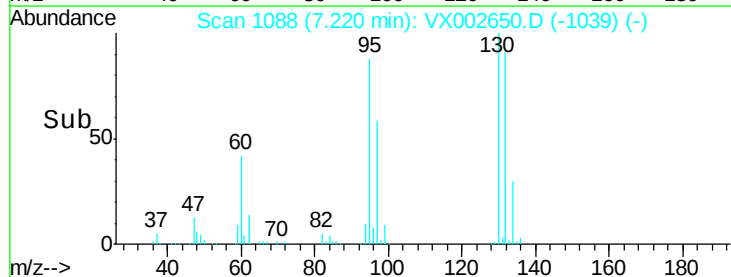
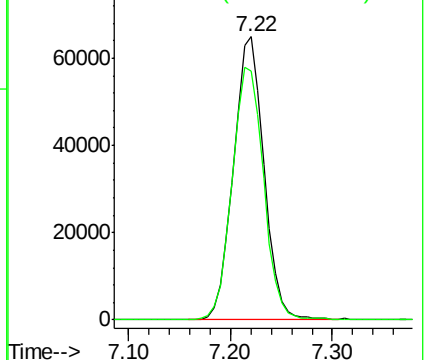
130 100

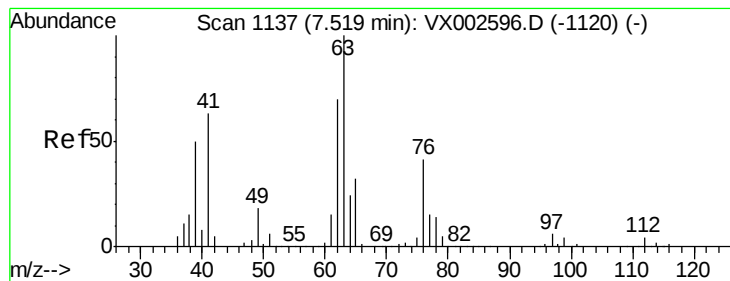
95 87.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.64 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

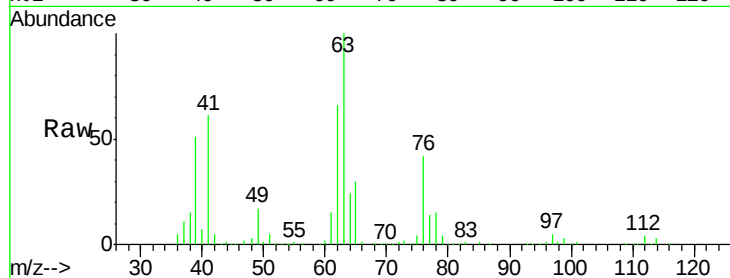
VSTDCCC050EC

Tot Ion: 63 Resp: 128907

Ion Ratio Lower Upper

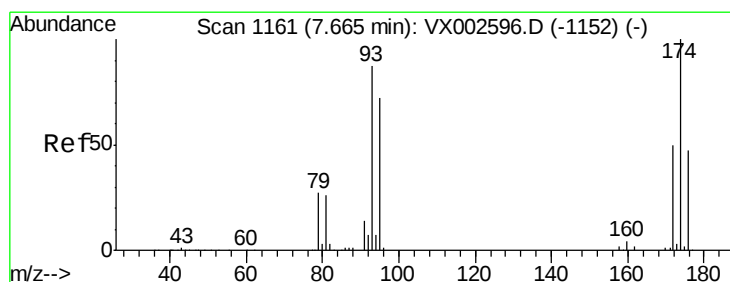
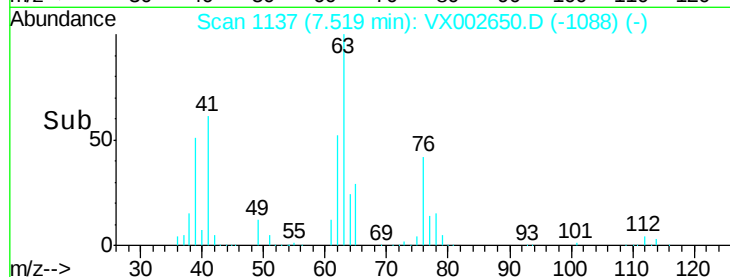
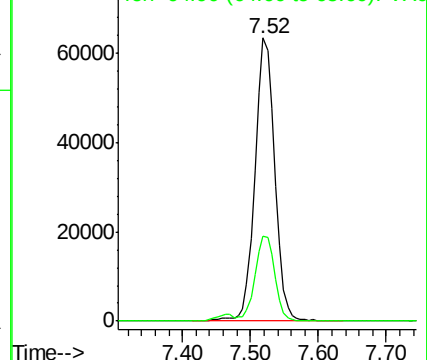
63 100

65 30.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.40 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

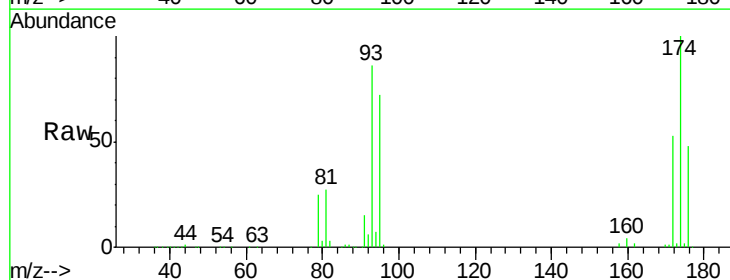
Tgt Ion: 93 Resp: 90938

Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

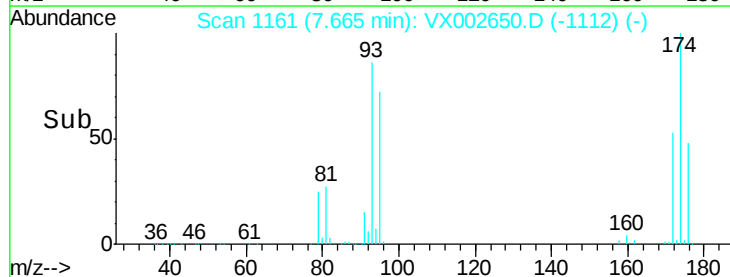
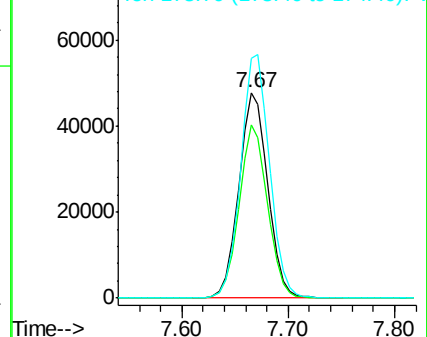
174 118.3 92.4 138.6

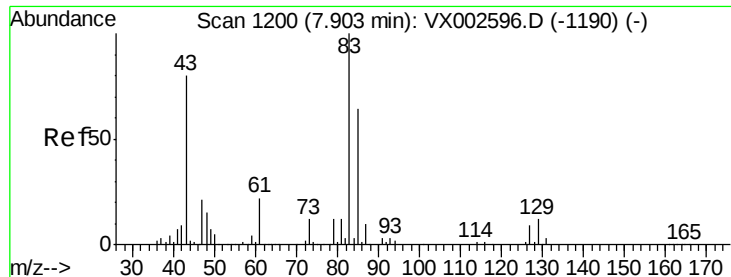


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.25 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

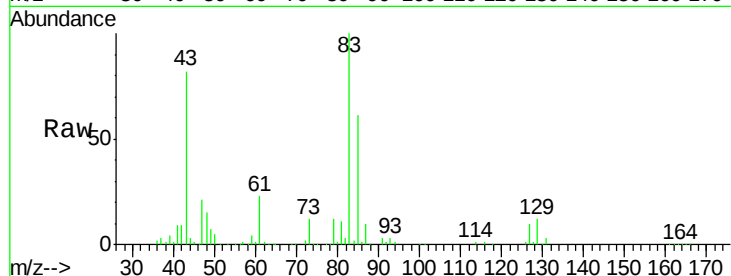
Tot Ion: 83 Resp: 165934

Ion Ratio Lower Upper

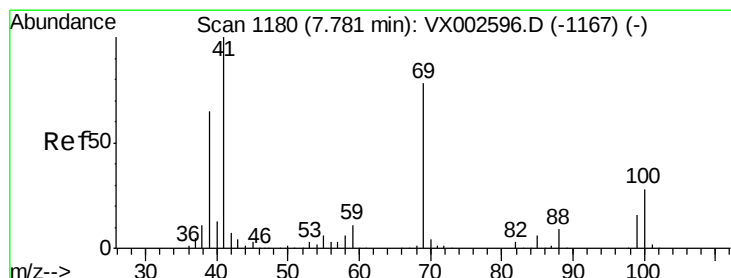
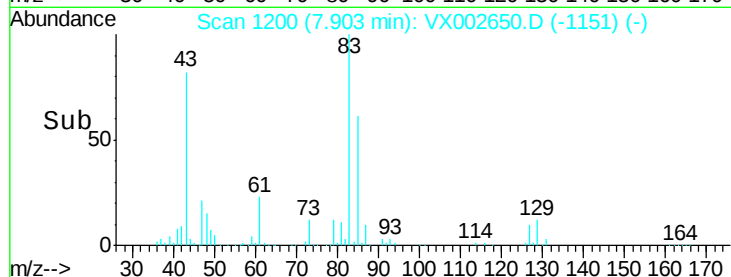
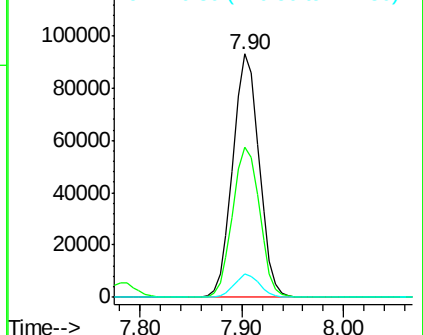
83 100

85 61.5 50.3 75.5

127 9.6 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: 52.80 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

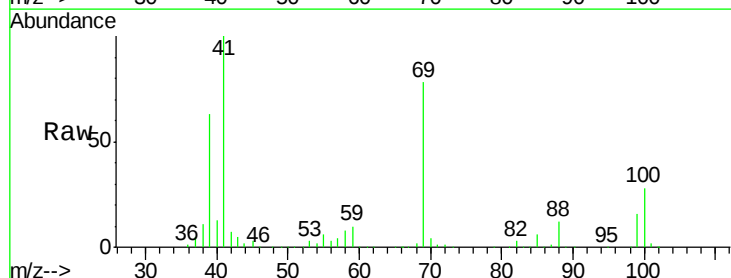
Tgt Ion: 41 Resp: 163209

Ion Ratio Lower Upper

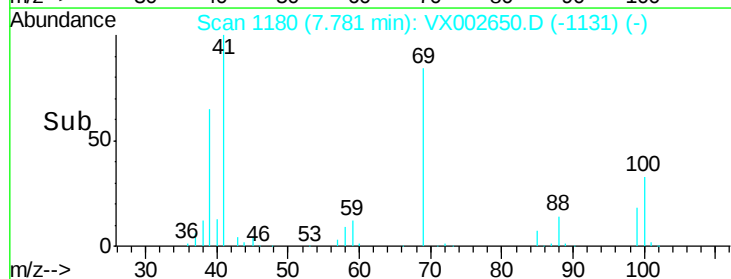
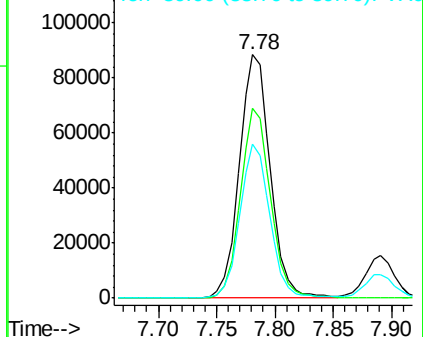
41 100

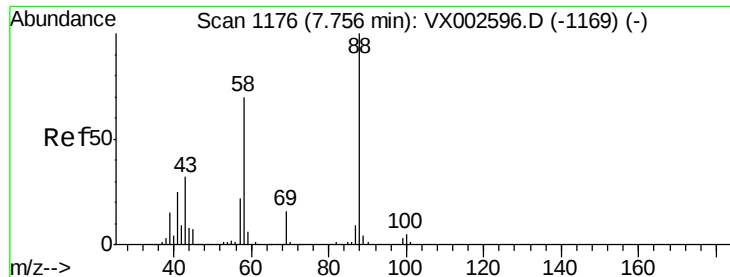
69 76.6 59.1 88.7

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

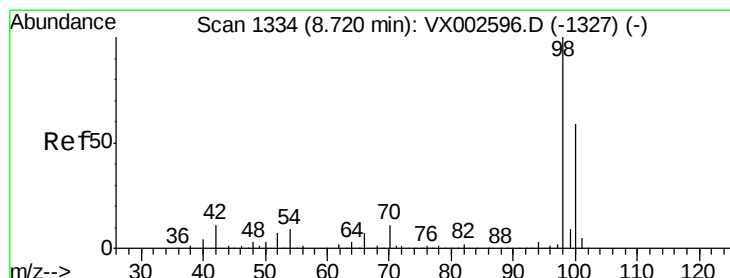
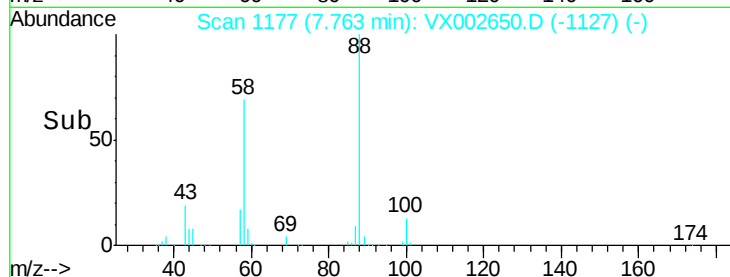
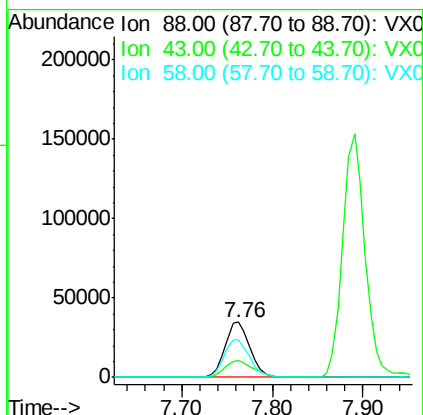
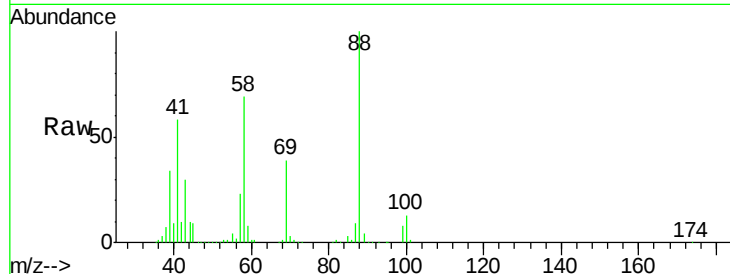




#49
1,4-Dioxane
Concen: 1125.23 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

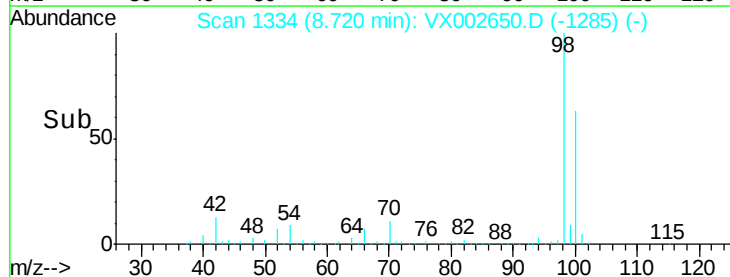
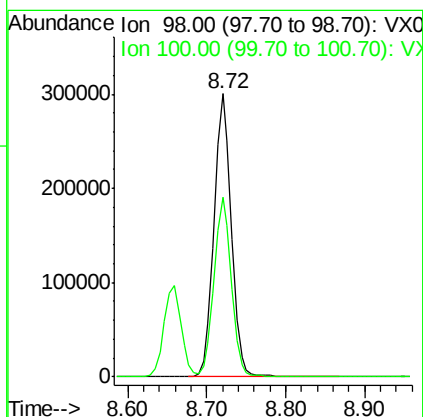
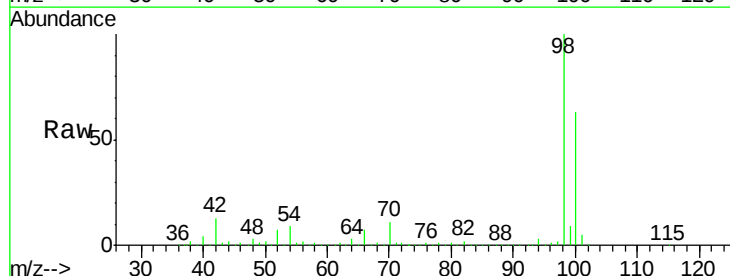
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

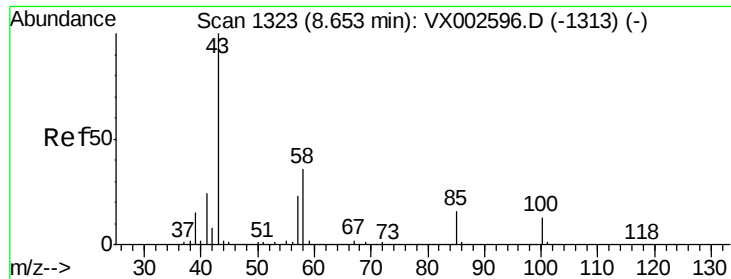
Tot Ion: 88 Resp: 65871
Ion Ratio Lower Upper
88 100
43 34.9 29.8 44.6
58 70.7 57.1 85.7



#50
Toluene-d8
Concen: 50.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 98 Resp: 460907
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 268.36 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

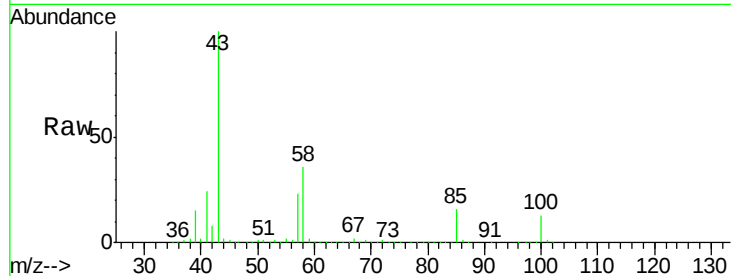
VSTDCCC050EC

Tot Ion: 43 Resp: 1042295

Ion Ratio Lower Upper

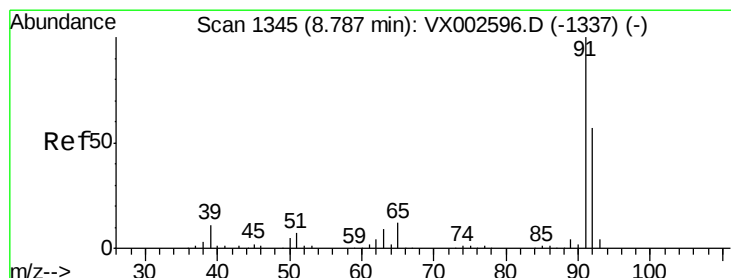
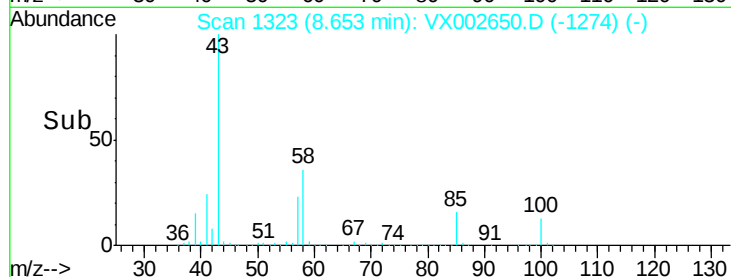
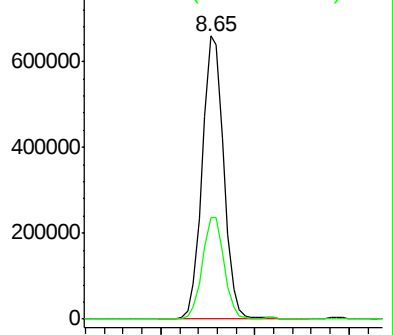
43 100

58 36.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.77 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002650.D

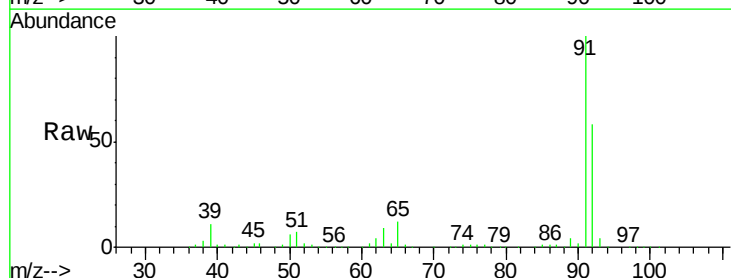
Acq: 16 Jun 2018 16:00

Tgt Ion: 92 Resp: 307066

Ion Ratio Lower Upper

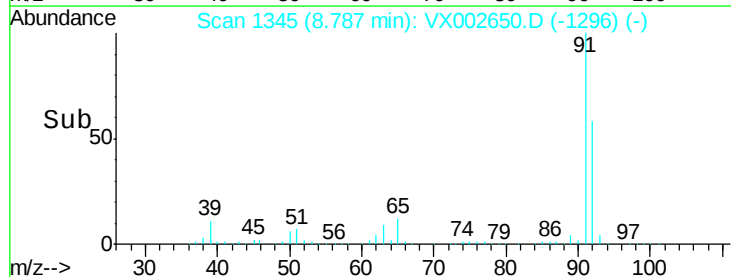
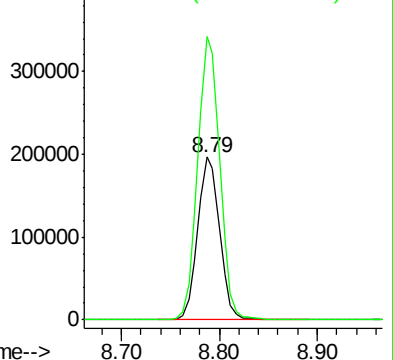
92 100

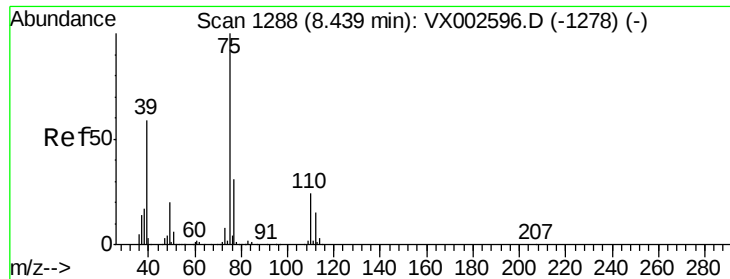
91 175.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 44.56 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

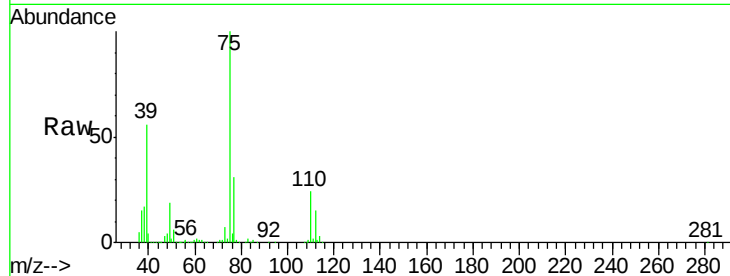
VSTDCCC050EC

Tot Ion: 75 Resp: 176077

Ion Ratio Lower Upper

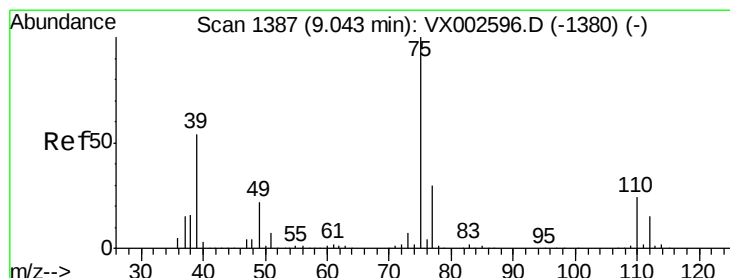
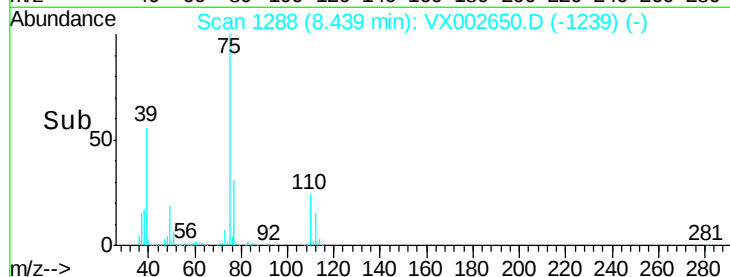
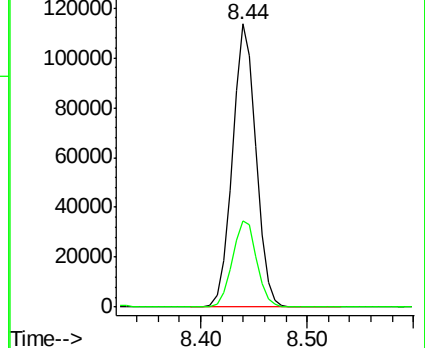
75 100

77 30.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 43.27 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

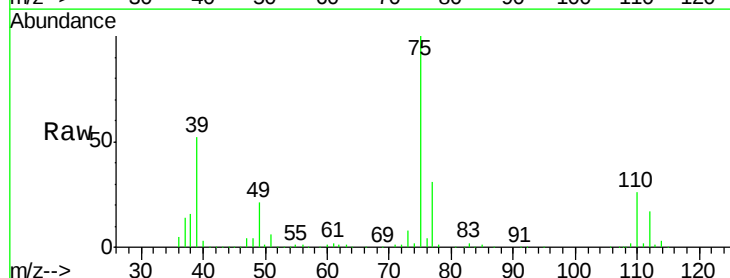
Tgt Ion: 75 Resp: 162358

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

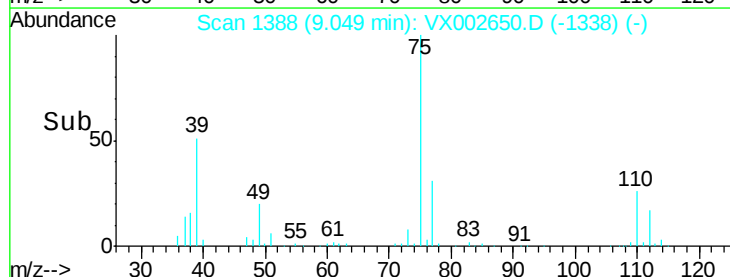
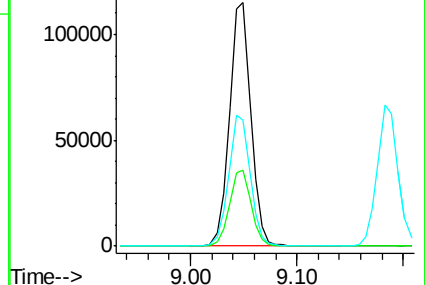
39 51.5 42.4 63.6

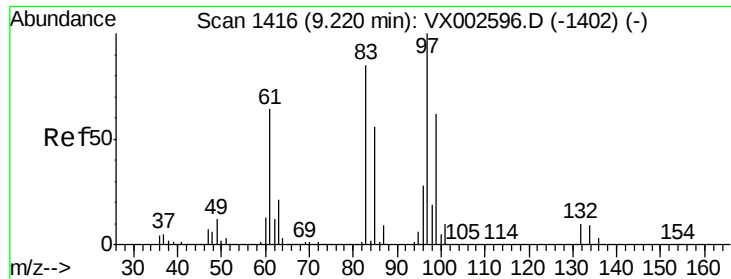


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

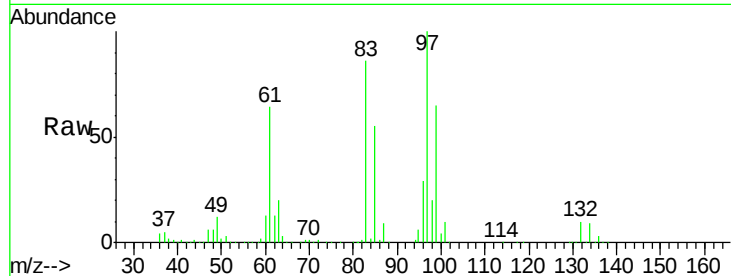




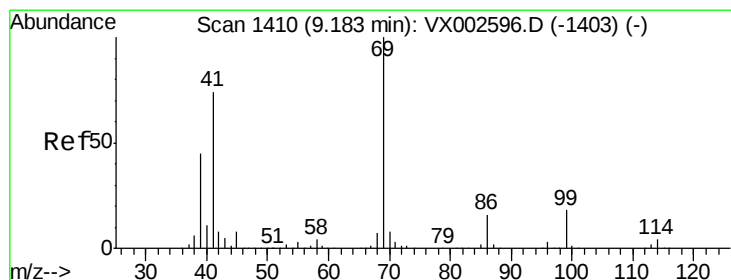
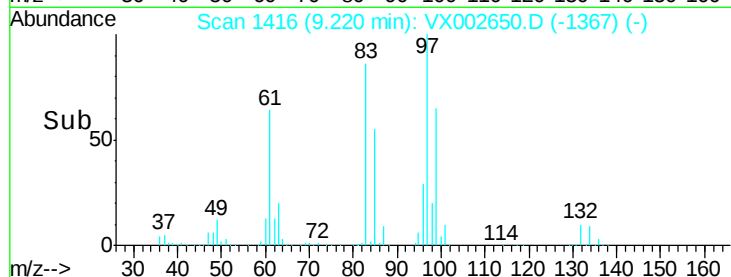
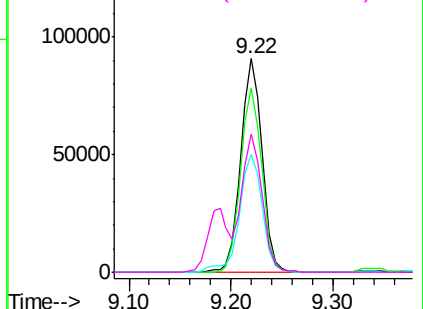
#55
 1,1,2-Trichloroethane
 Concen: 52.59 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	131109
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.2
85	54.9	44.9	67.3
99	64.5	49.8	74.8

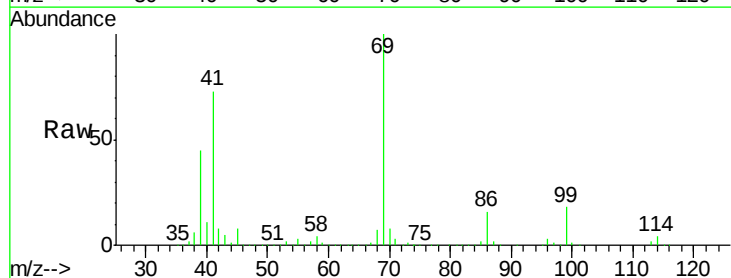


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

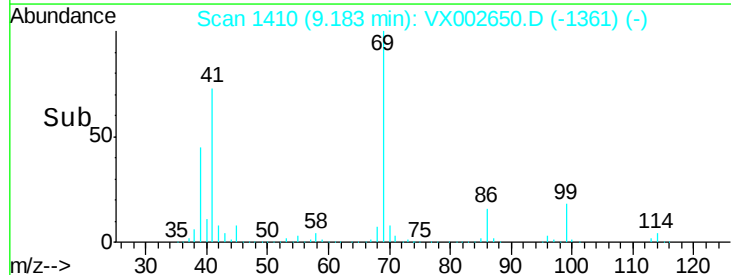
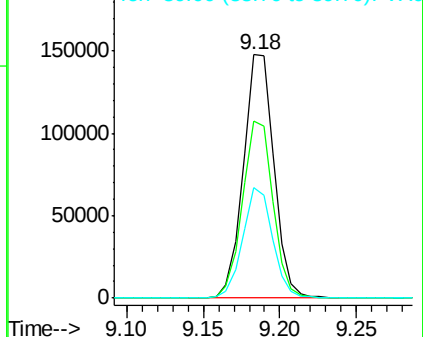


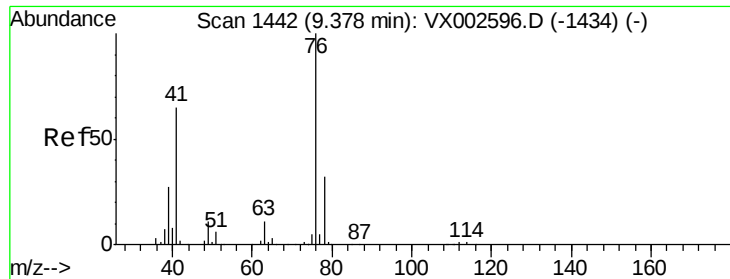
#56
 Ethyl methacrylate
 Concen: 53.53 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion:	69	Resp:	205365
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	44.3	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: 51.32 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

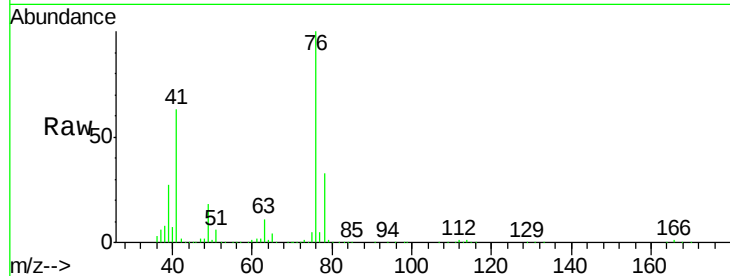
VSTDCCC050EC

Tot Ion: 76 Resp: 216375

Ion Ratio Lower Upper

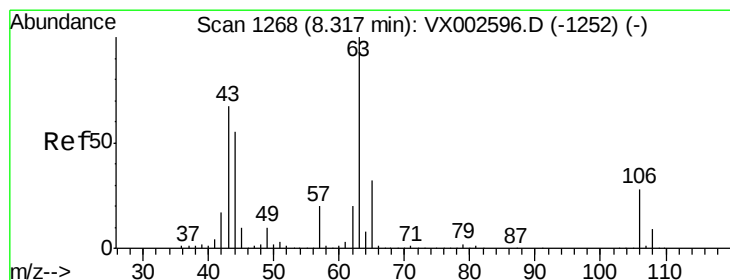
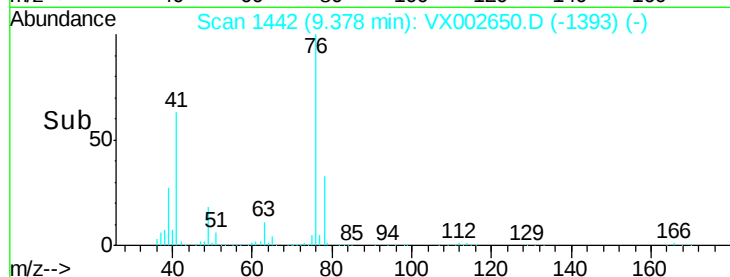
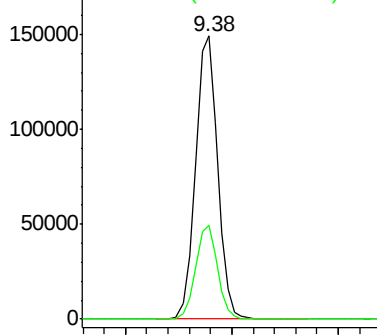
76 100

78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 262.61 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002650.D

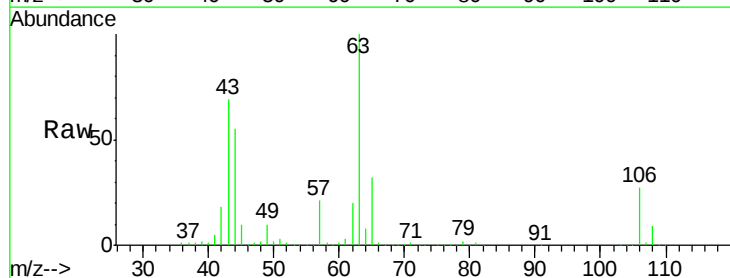
Acq: 16 Jun 2018 16:00

Tgt Ion: 63 Resp: 487321

Ion Ratio Lower Upper

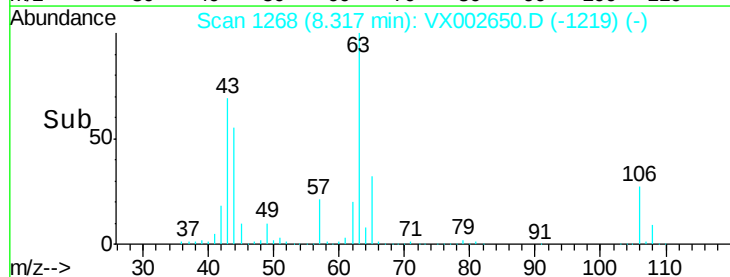
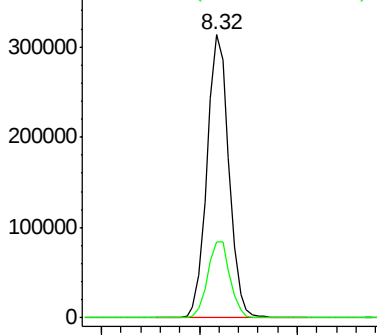
63 100

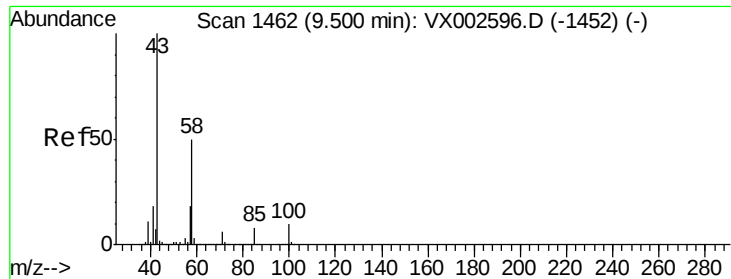
106 27.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

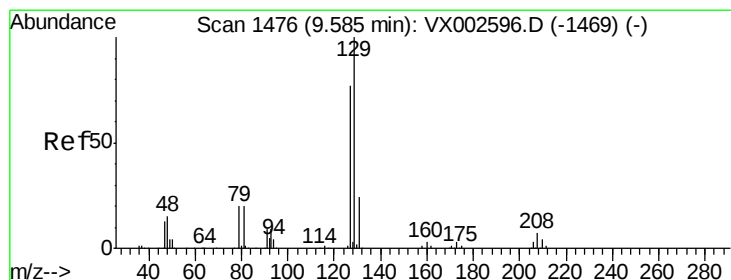
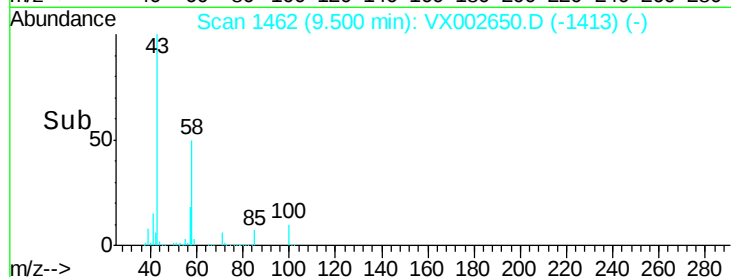
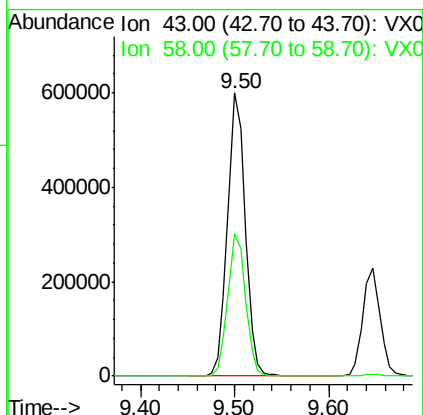
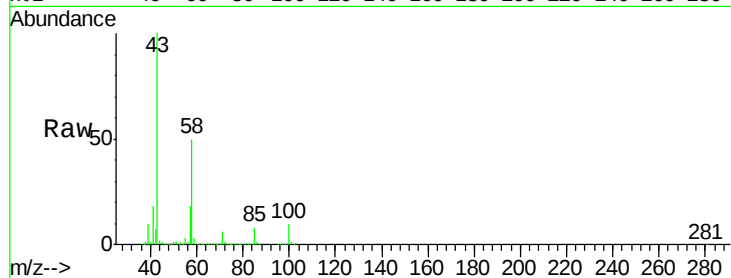




#59
2-Hexanone
Concen: 270.83 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

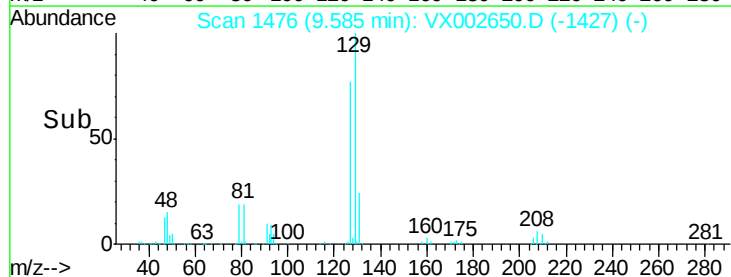
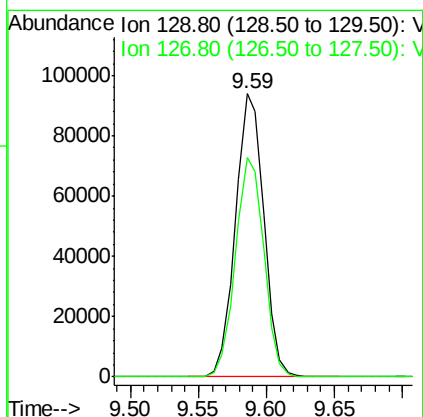
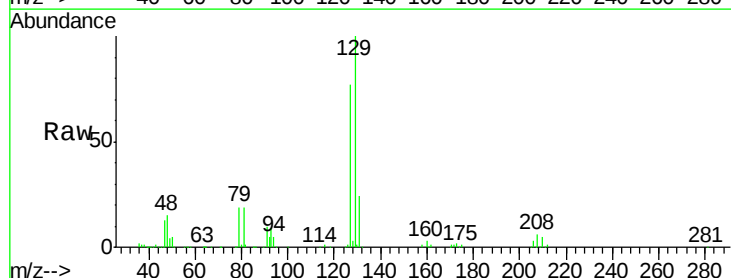
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

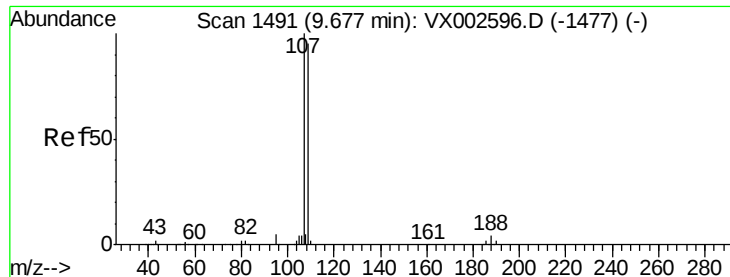
Tot Ion: 43 Resp: 792642
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6



#60
Dibromochloromethane
Concen: 48.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 129 Resp: 136234
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.70 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

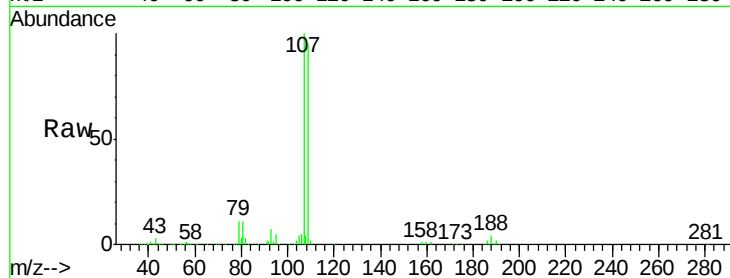
VSTDCCC050EC

Tot Ion:107 Resp: 141246

Ion Ratio Lower Upper

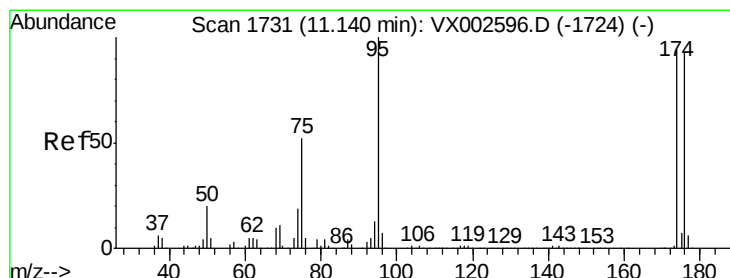
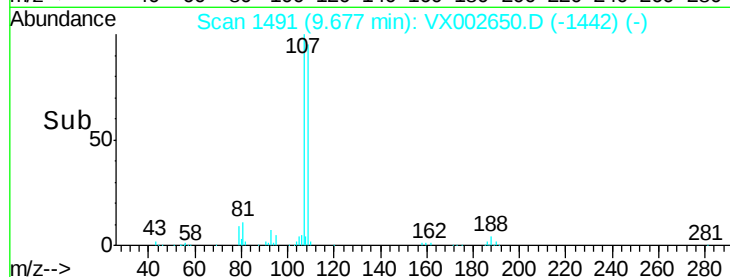
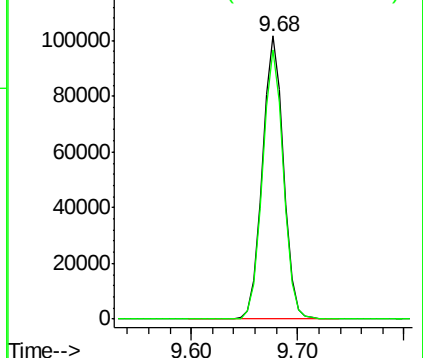
107 100

109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

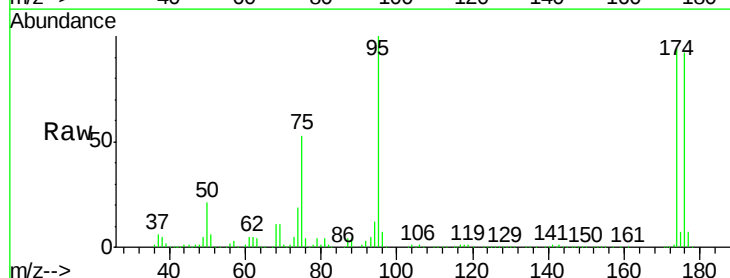
Tgt Ion: 95 Resp: 178842

Ion Ratio Lower Upper

95 100

174 97.0 0.0 187.4

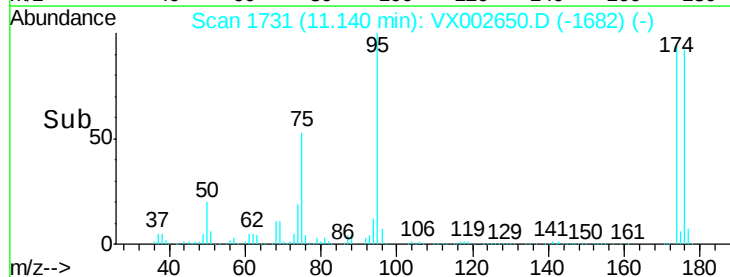
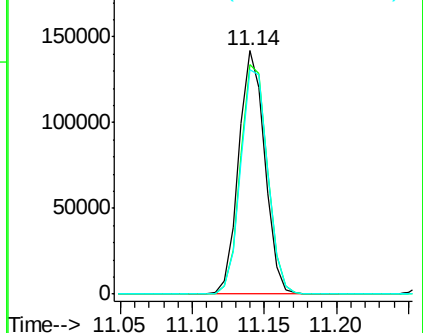
176 95.3 0.0 181.0



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

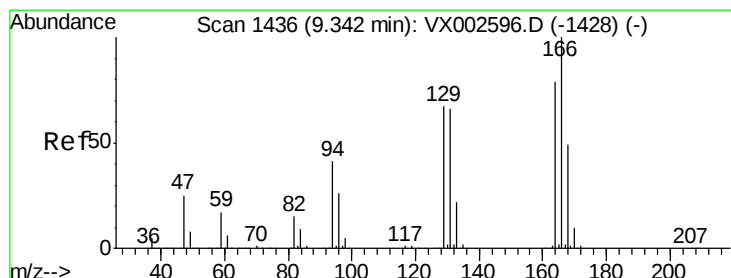
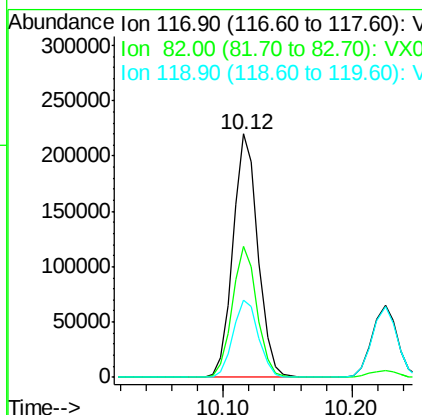
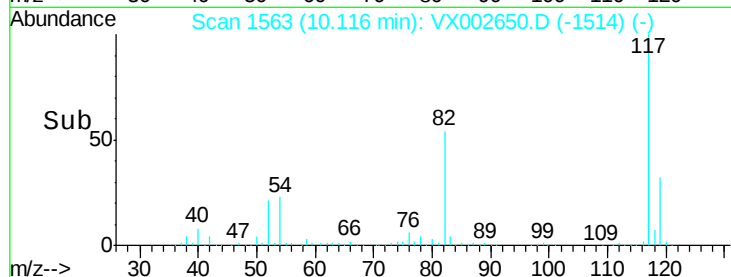
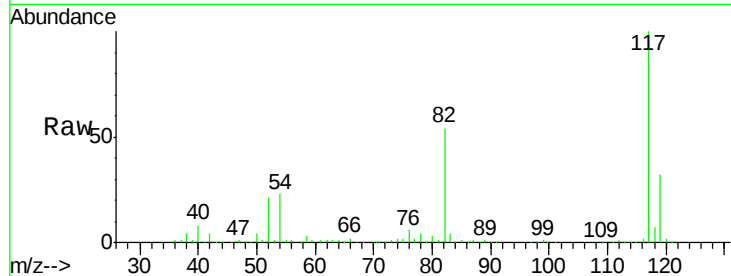




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

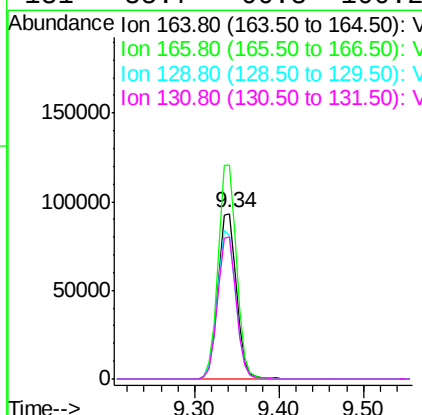
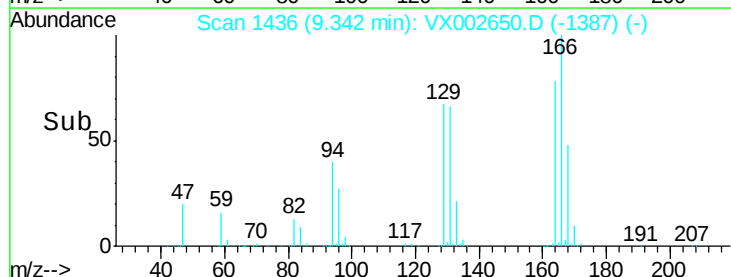
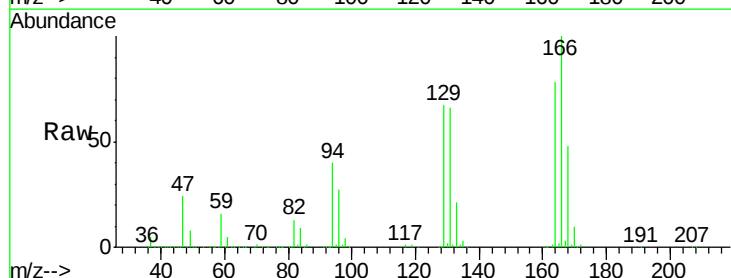
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

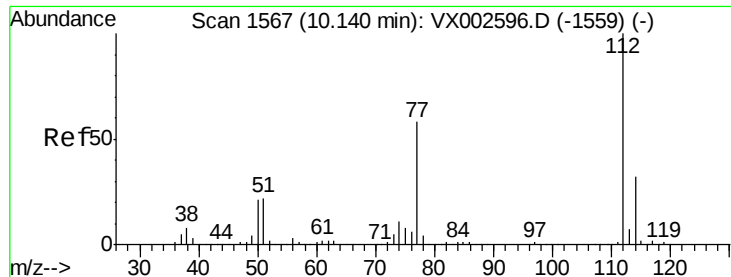
Tot Ion:117 Resp: 297171
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 43.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion:164 Resp: 143097
Ion Ratio Lower Upper
164 100
166 129.0 102.9 154.3
129 86.9 68.6 102.8
131 85.7 66.8 100.2





#65

Chlorobenzene

Concen: 50.35 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

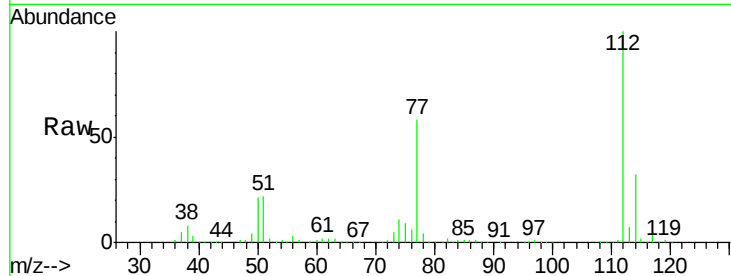
VSTDCCC050EC

Tot Ion:112 Resp: 367489

Ion Ratio Lower Upper

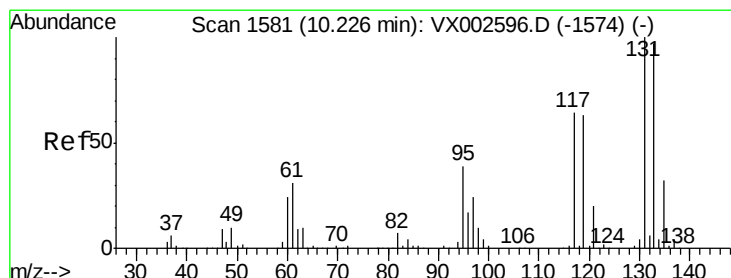
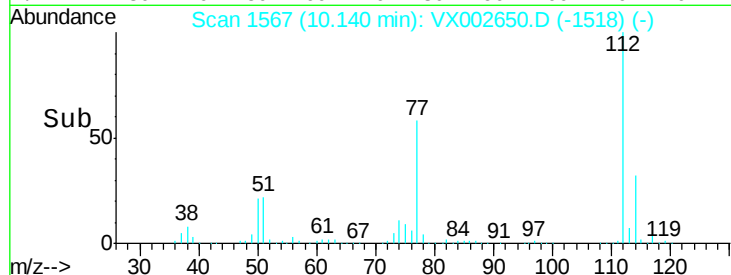
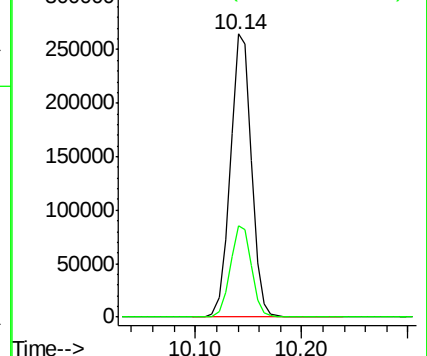
112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.01 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

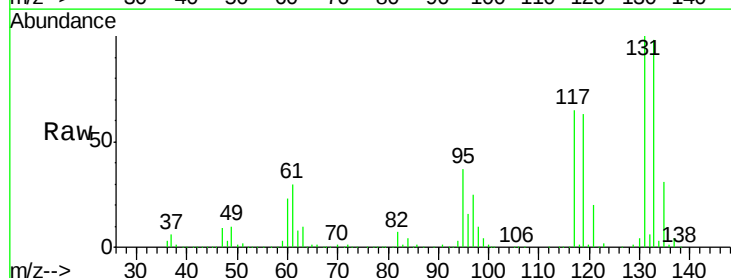
Tgt Ion:131 Resp: 134372

Ion Ratio Lower Upper

131 100

133 97.0 47.9 143.6

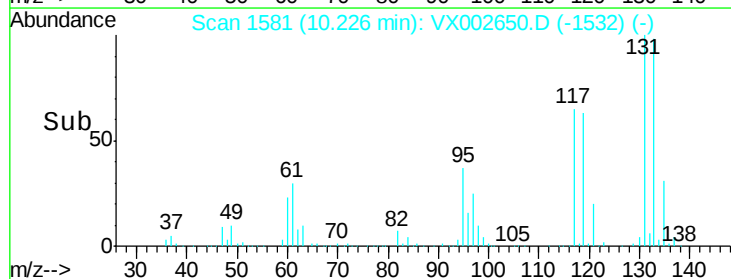
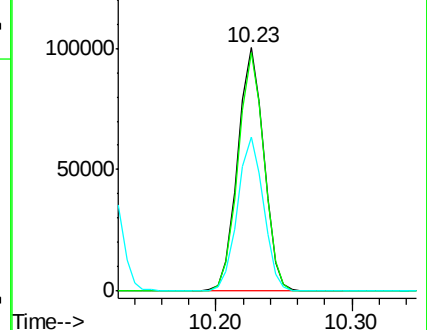
119 63.1 31.8 95.3

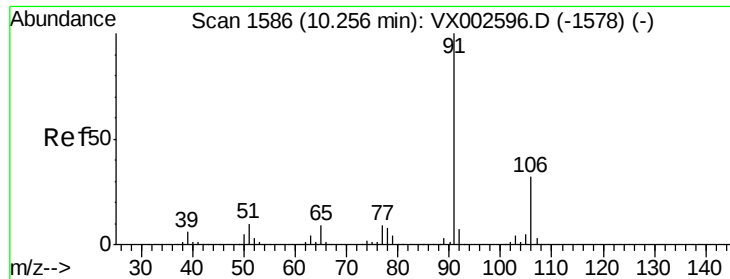


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

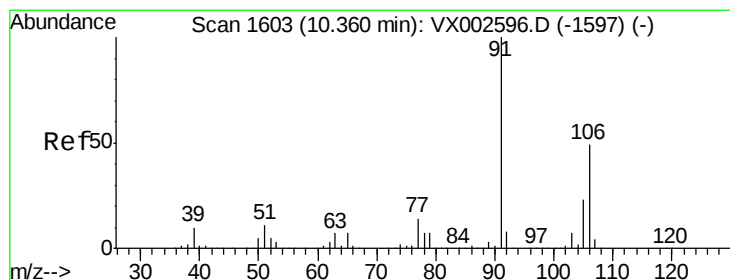
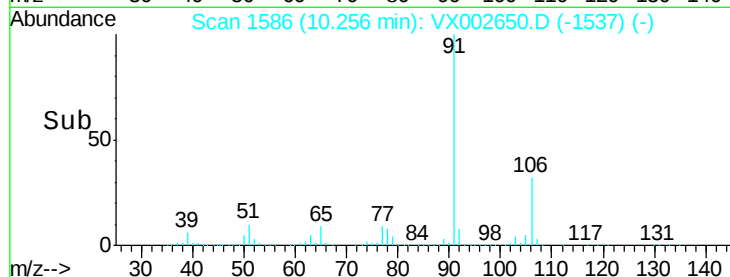
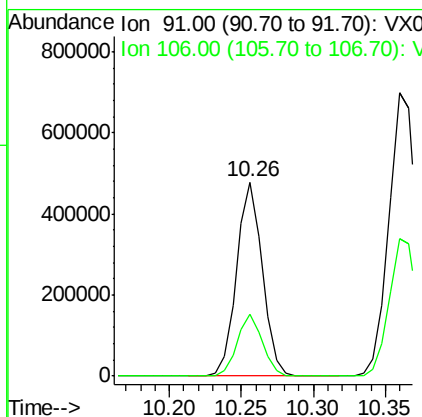
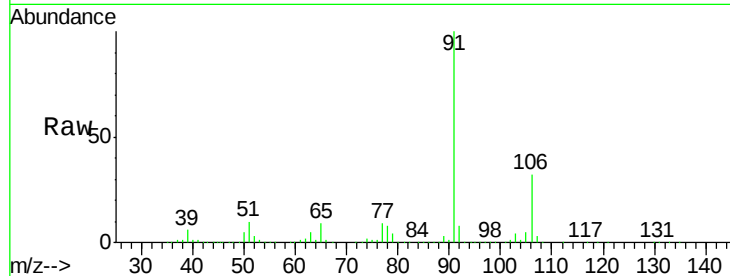




#67
Ethyl Benzene
Concen: 48.68 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

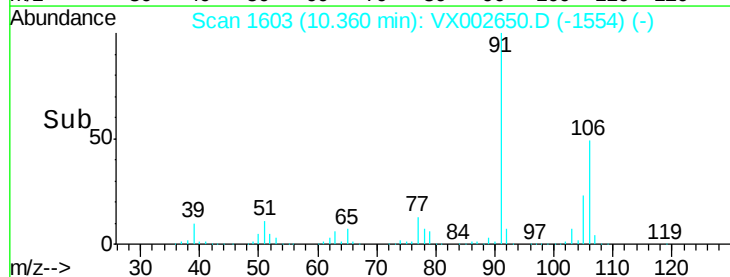
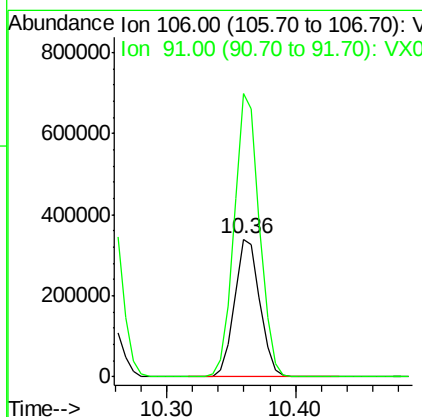
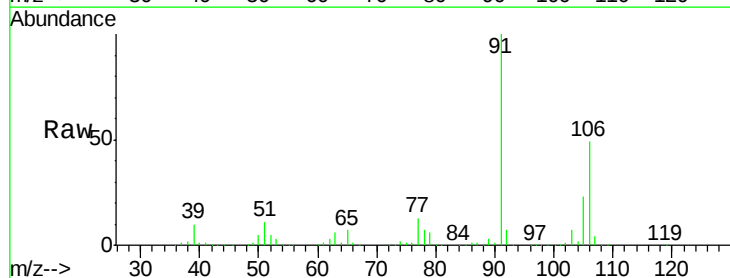
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 599272
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 97.92 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 106 Resp: 464959
Ion Ratio Lower Upper
106 100
91 204.4 163.4 245.2

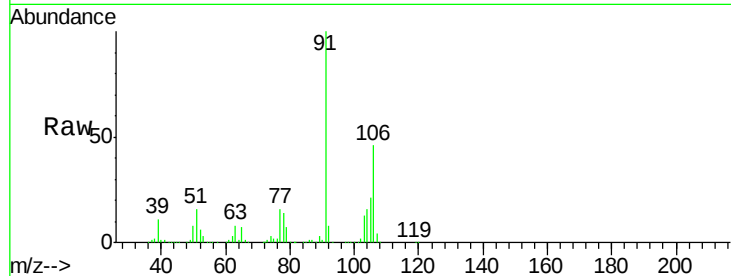




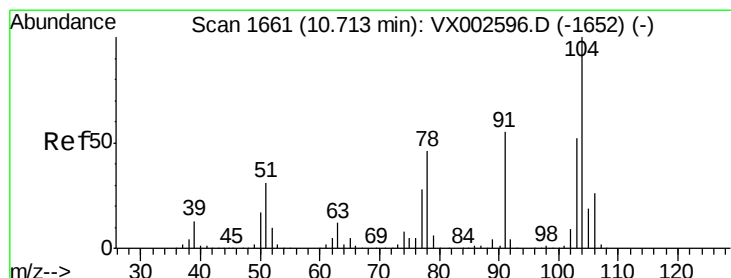
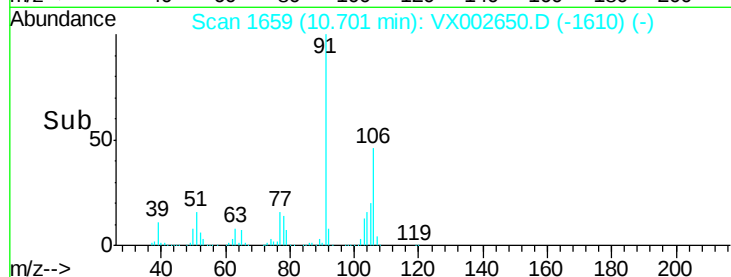
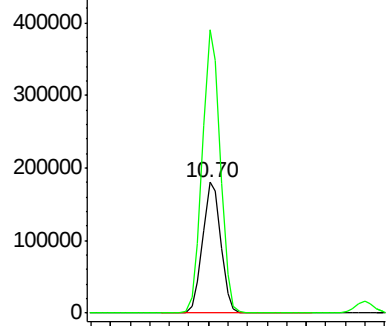
#69
o-Xylene
Concen: 50.05 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 233473
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6

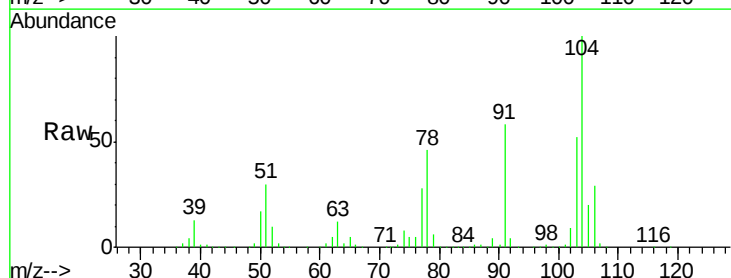


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

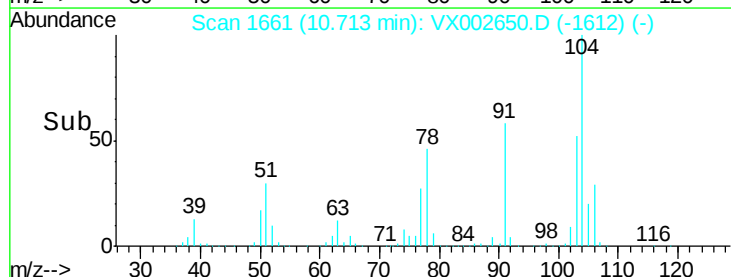
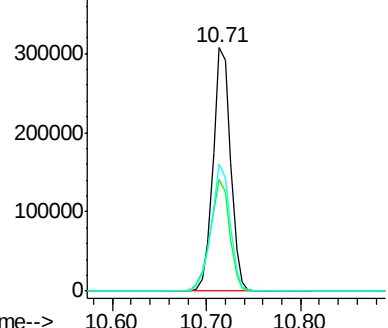


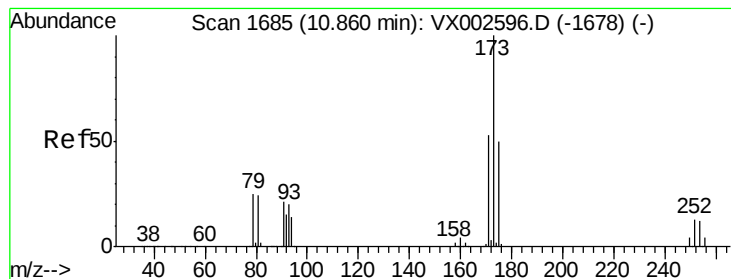
#70
Styrene
Concen: 51.81 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion:104 Resp: 397488
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 56.0 44.2 66.4



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





#71

Bromoform

Concen: 47.51 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

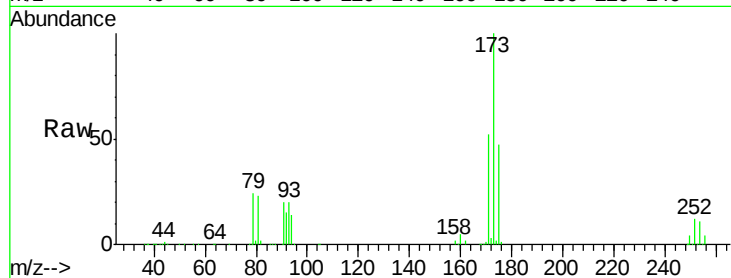
Tot Ion:173 Resp: 107023

Ion Ratio Lower Upper

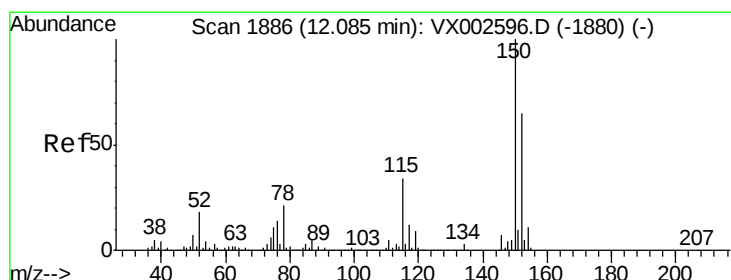
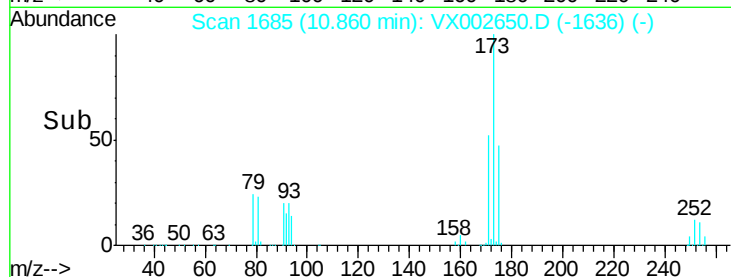
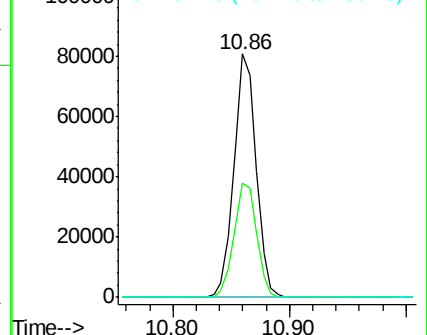
173 100

175 48.2 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: VX002650.D

Acq: 16 Jun 2018 16:00

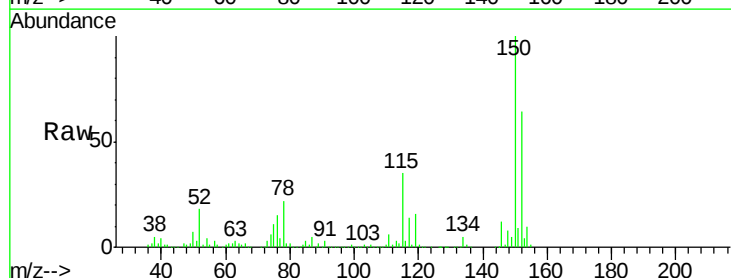
Tgt Ion:152 Resp: 191143

Ion Ratio Lower Upper

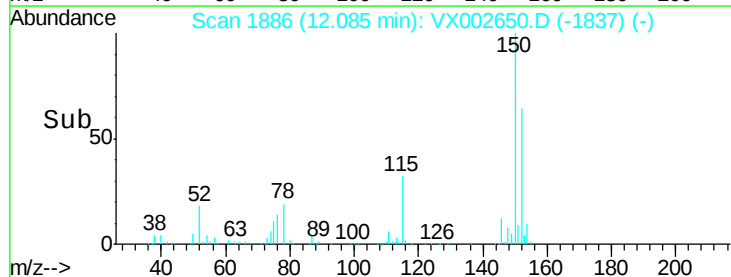
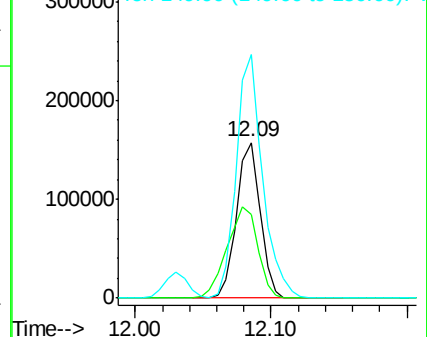
152 100

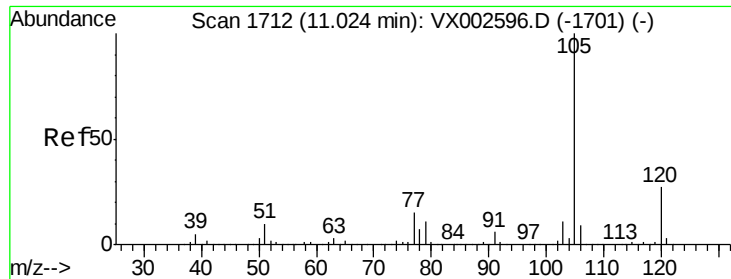
115 76.2 40.1 120.2

150 173.6 0.0 347.2



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

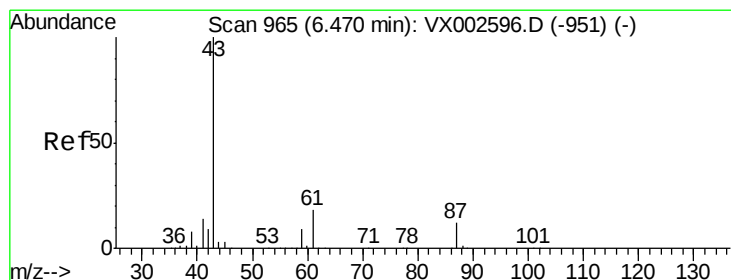
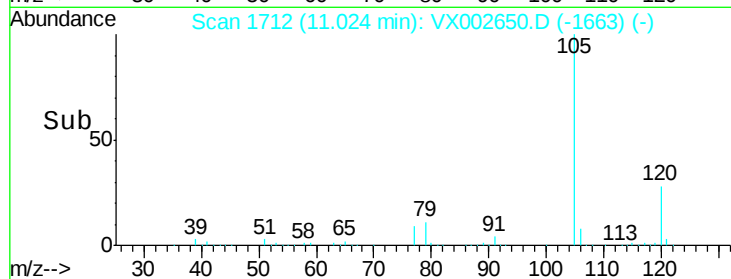
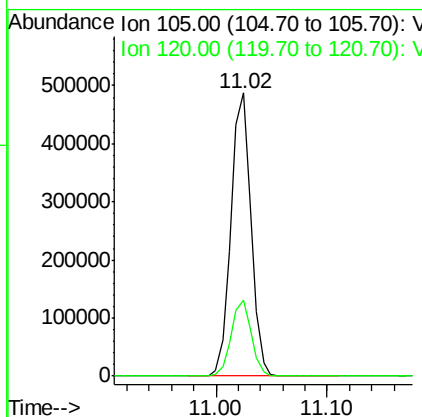
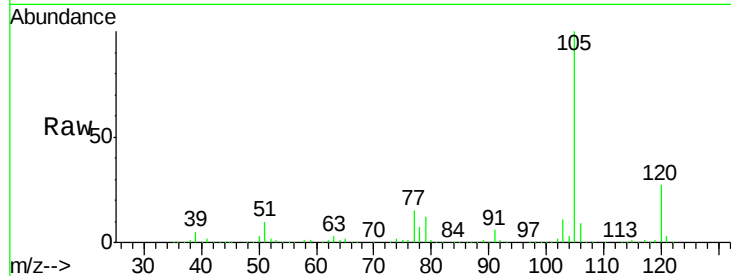




#73
Isopropylbenzene
Concen: 47.21 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

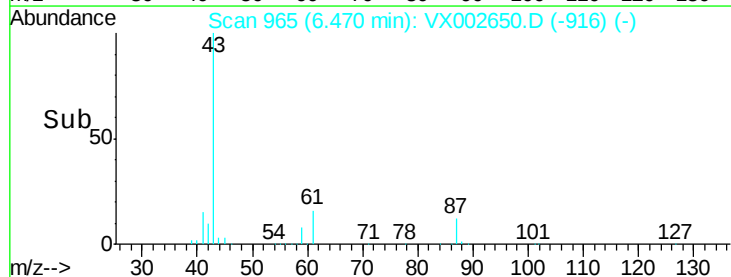
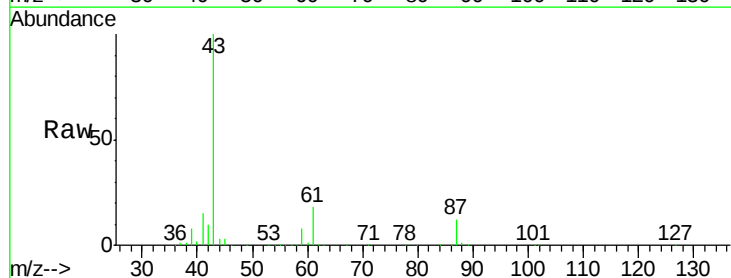
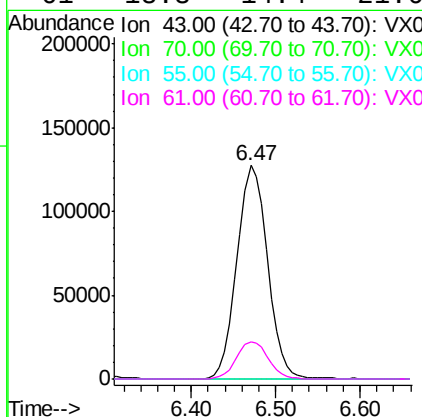
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

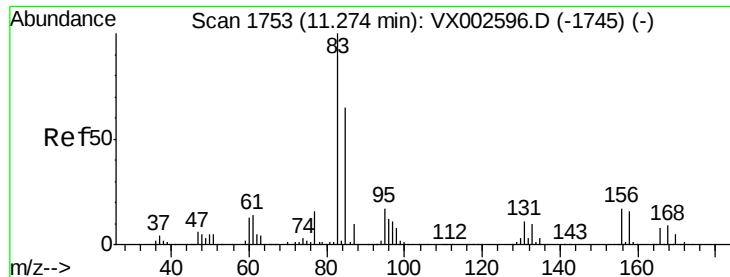
Tot Ion:105 Resp: 603559
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 49.28 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX002650.D
Acq: 16 Jun 2018 16:00

Tgt Ion: 43 Resp: 313032
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

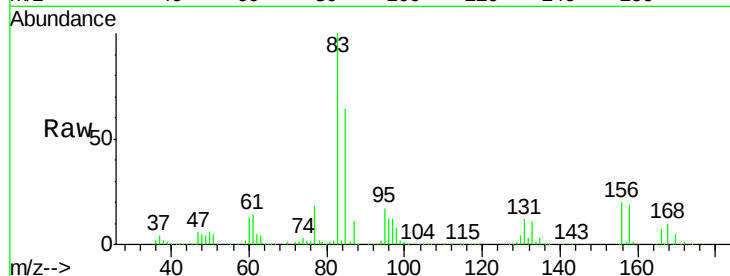
Tot Ion: 83 Resp: 203618

Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.6	16.8
85	64.3	32.4	97.2

83 100

131 11.3 5.6 16.8

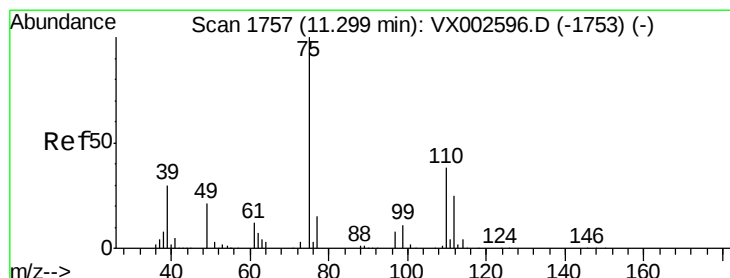
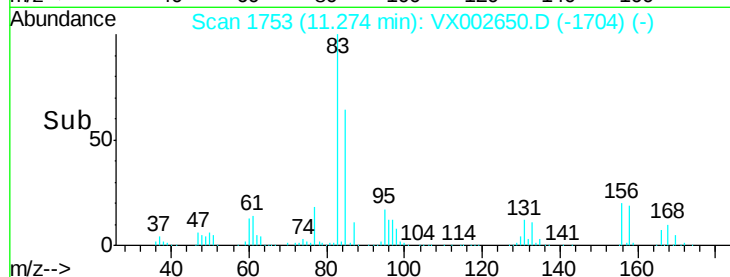
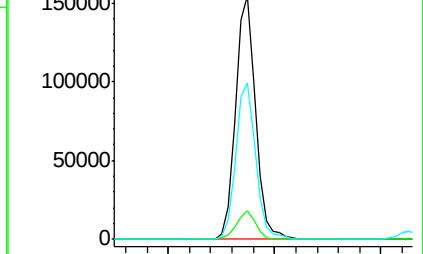
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.36 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002650.D

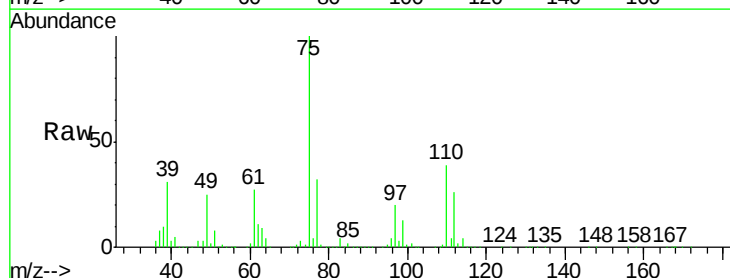
Acq: 16 Jun 2018 16:00

Tgt Ion: 75 Resp: 210513

Ion	Ratio	Lower	Upper
75	100		
77	31.8	22.8	68.3

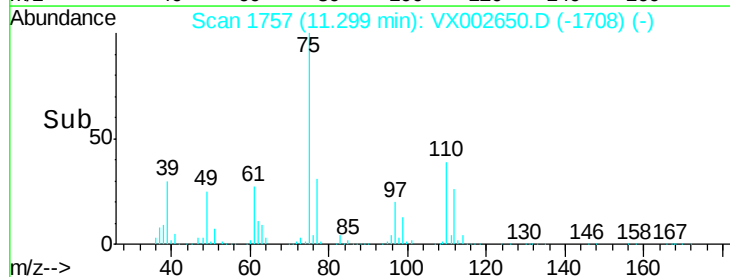
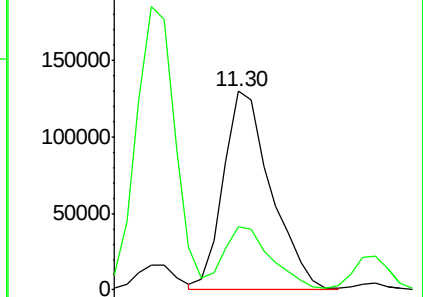
75 100

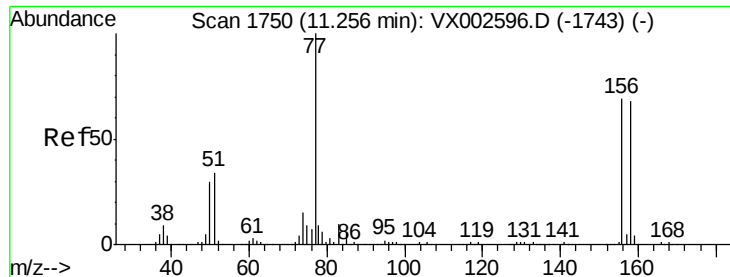
77 31.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.57 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

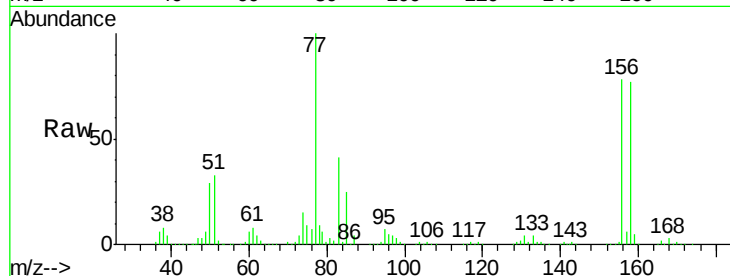
Tot Ion:156 Resp: 180097

Ion Ratio Lower Upper

156 100

77 135.7 71.4 214.2

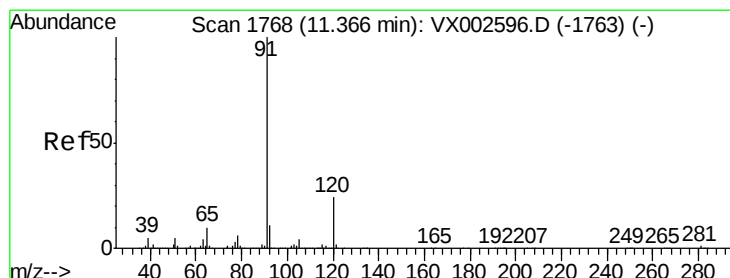
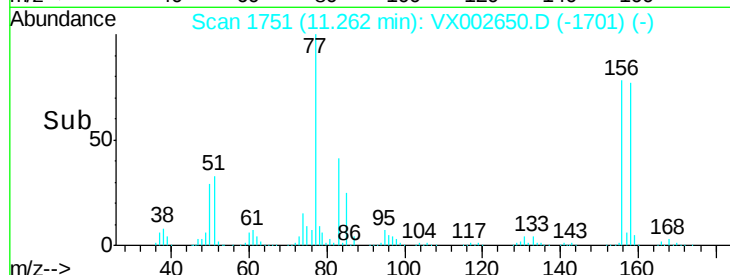
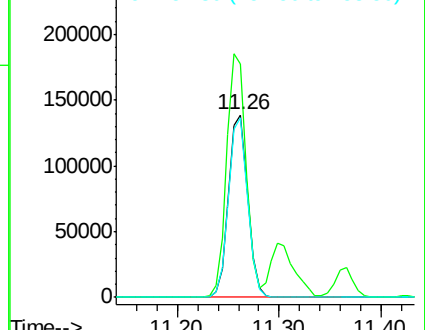
158 97.5 48.9 146.6



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: 46.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002650.D

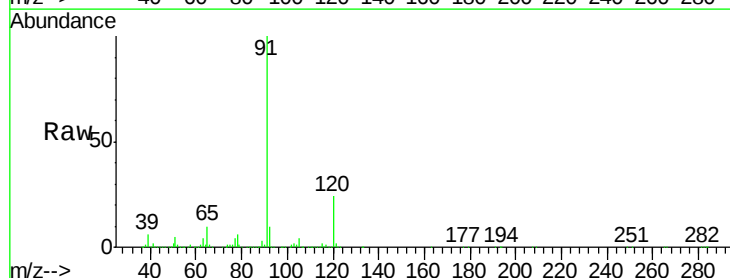
Acq: 16 Jun 2018 16:00

Tgt Ion: 91 Resp: 678797

Ion Ratio Lower Upper

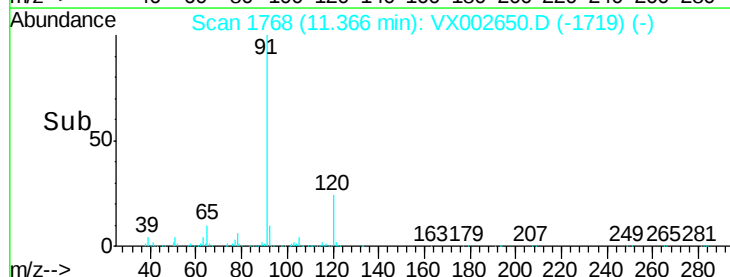
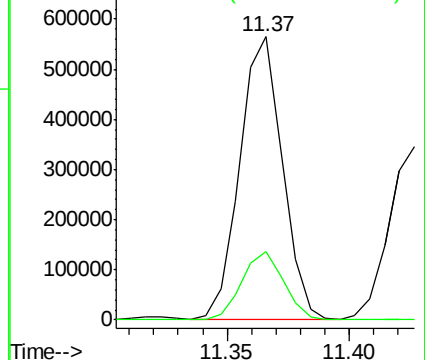
91 100

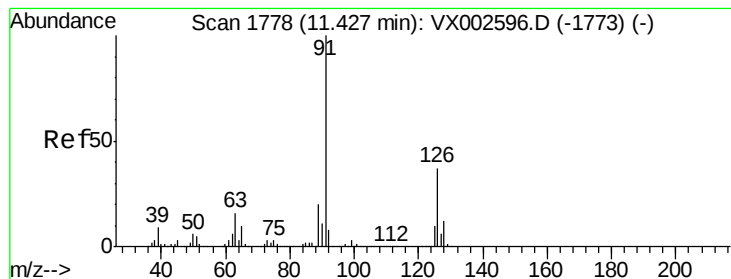
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.24 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

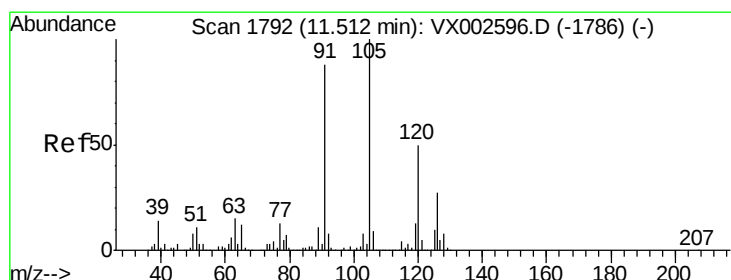
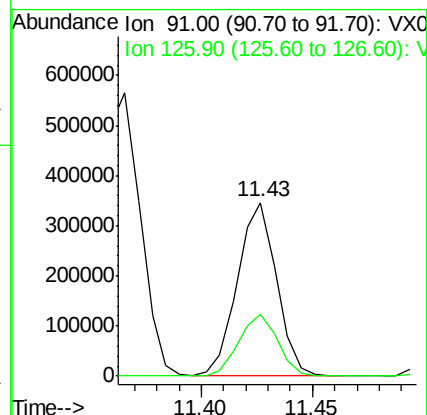
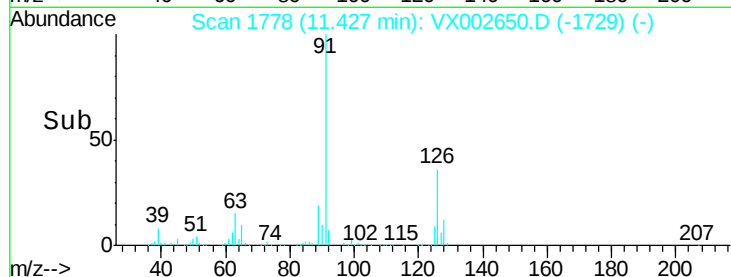
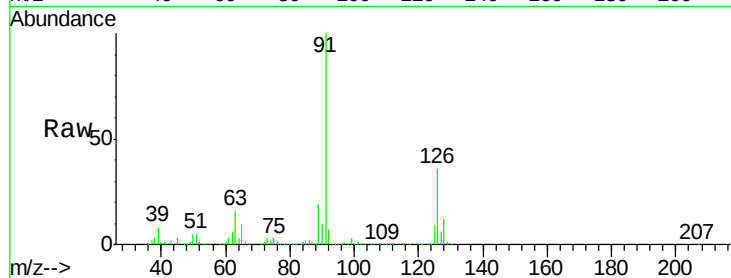
VSTDCCC050EC

Tot Ion: 91 Resp: 422290

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 48.30 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002650.D

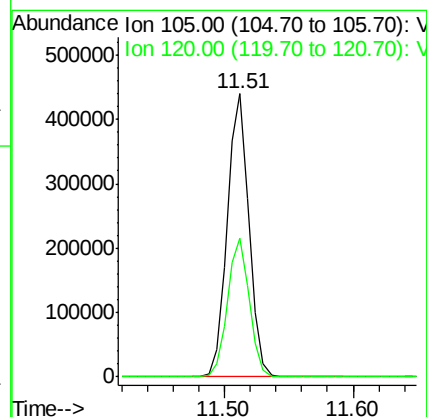
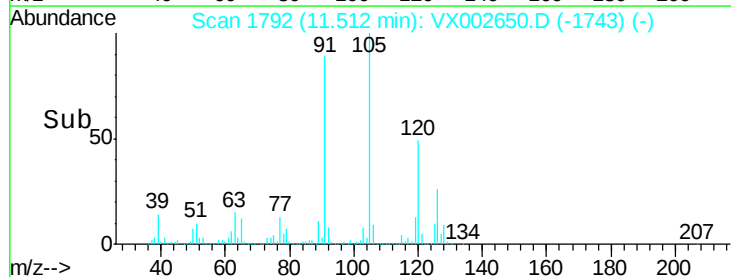
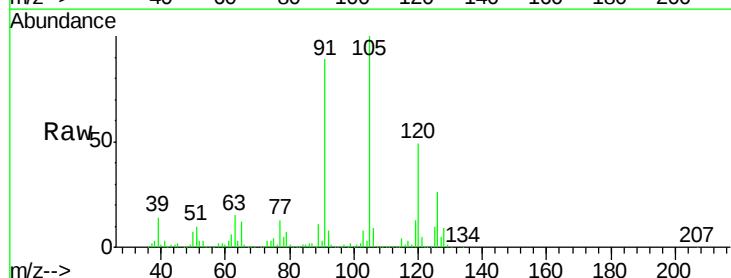
Acq: 16 Jun 2018 16:00

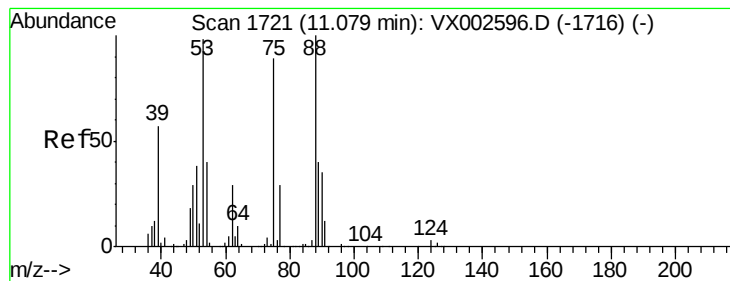
Tgt Ion: 105 Resp: 521789

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 33.53 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

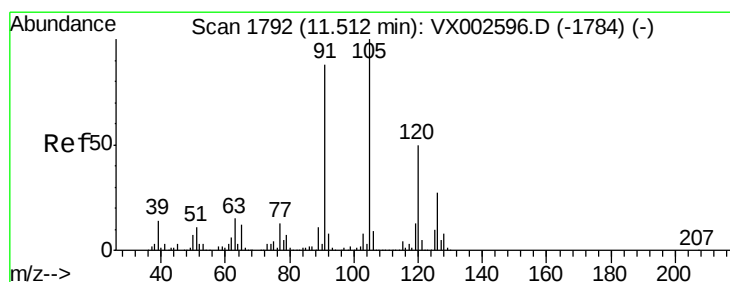
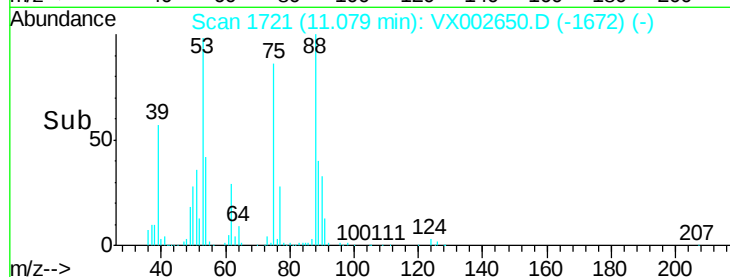
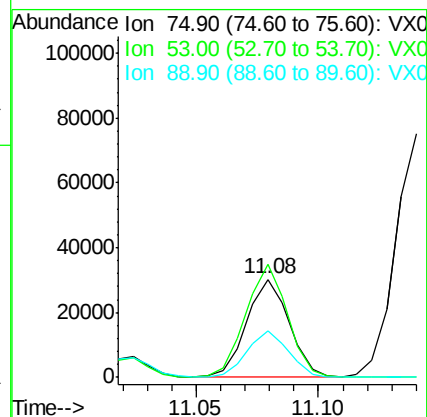
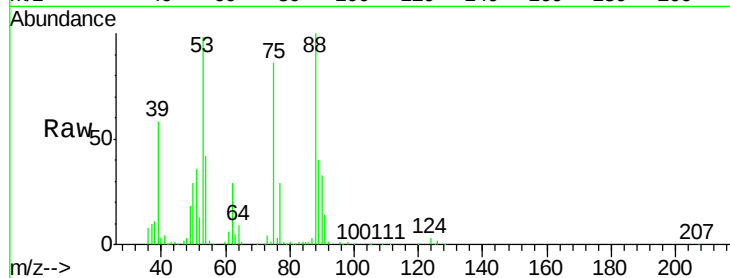
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 36096

Ion	Ratio	Lower	Upper
75	100		
53	114.4	86.8	130.2
89	47.4	38.2	57.2



#82

4-Chlorotoluene

Concen: 48.62 ug/l

RT: 11.51 min Scan# 1792

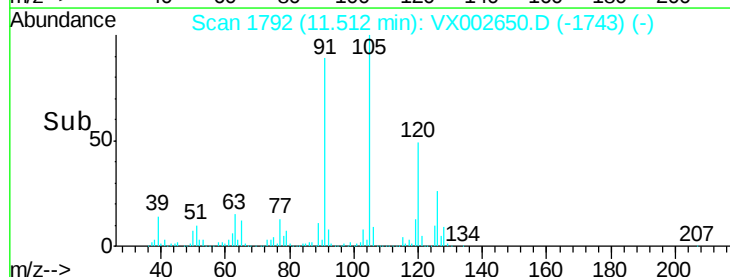
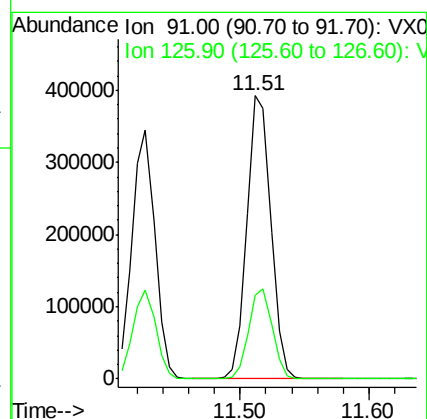
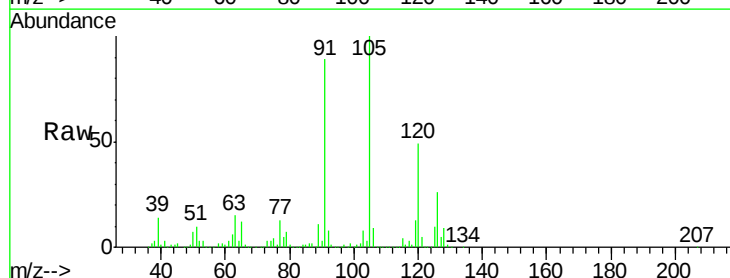
Delta R.T. 0.00 min

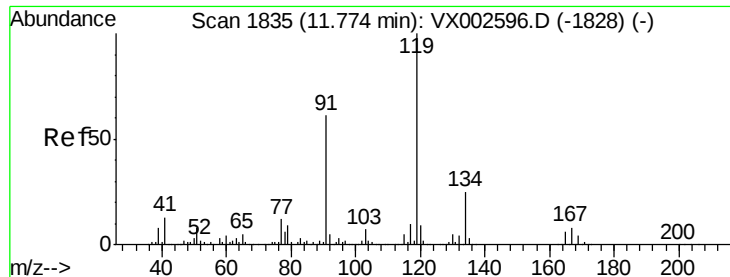
Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Tgt Ion: 91 Resp: 502182

Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.4

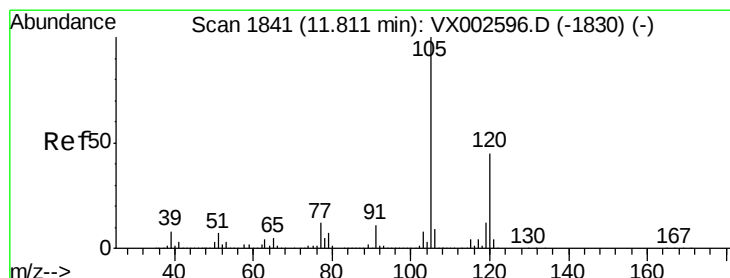
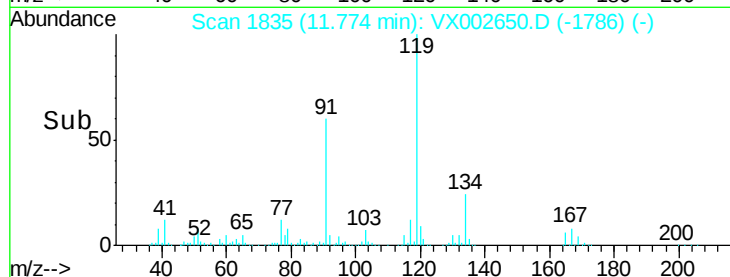
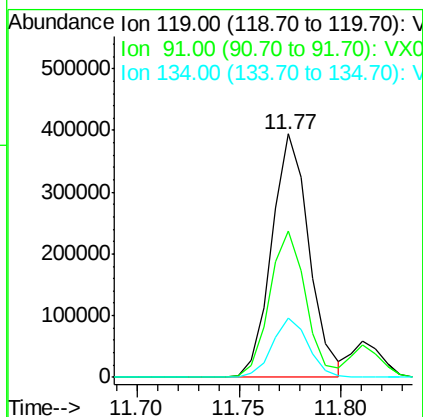
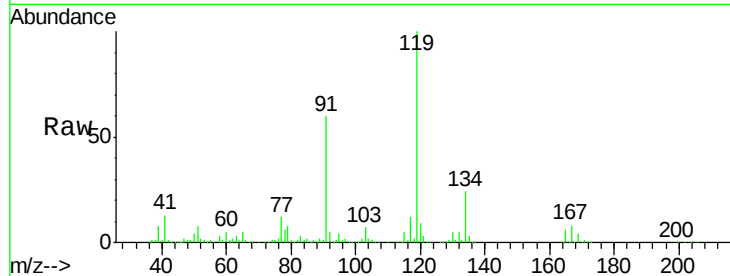




#83
 tert-Butylbenzene
 Concen: 48.35 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

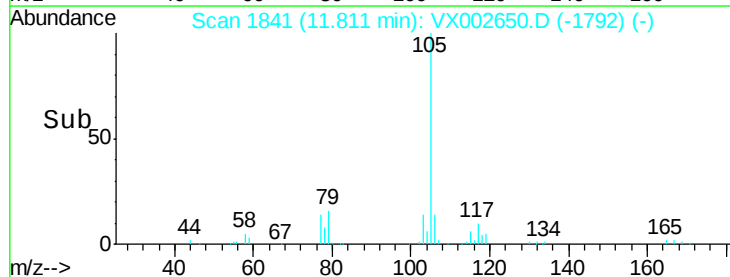
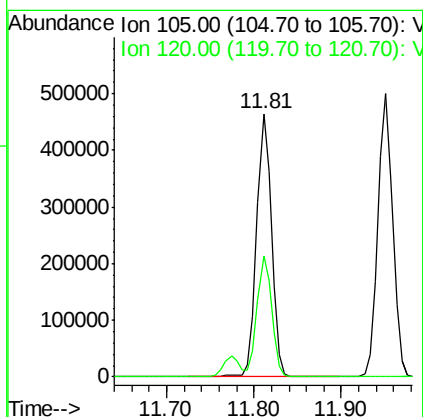
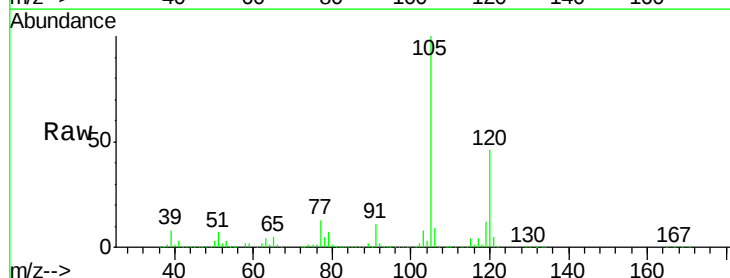
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

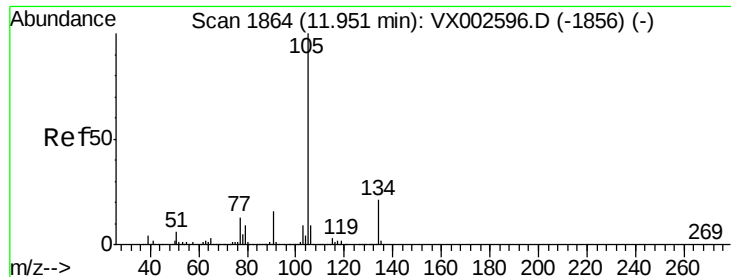
Tot Ion:119 Resp: 503263
 Ion Ratio Lower Upper
 119 100
 91 58.6 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.25 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion:105 Resp: 542940
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 45.70 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

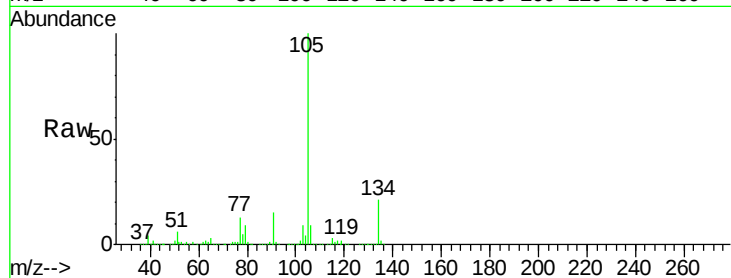
VSTDCCC050EC

Tot Ion:105 Resp: 591414

Ion Ratio Lower Upper

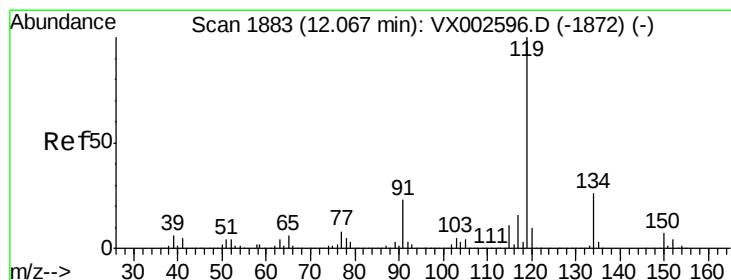
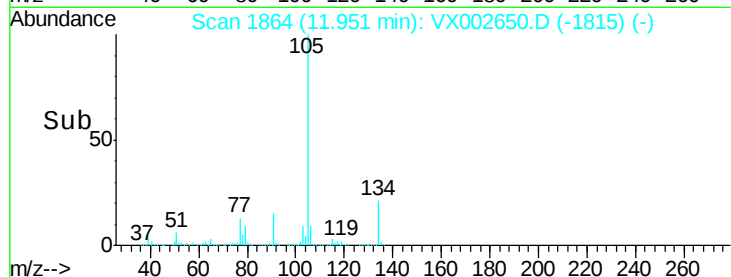
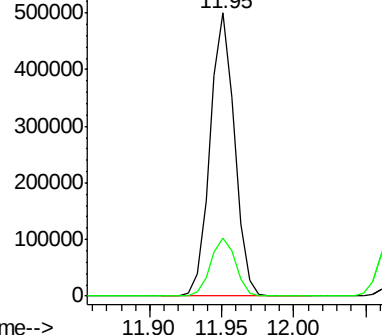
105 100

134 21.0 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: 46.08 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

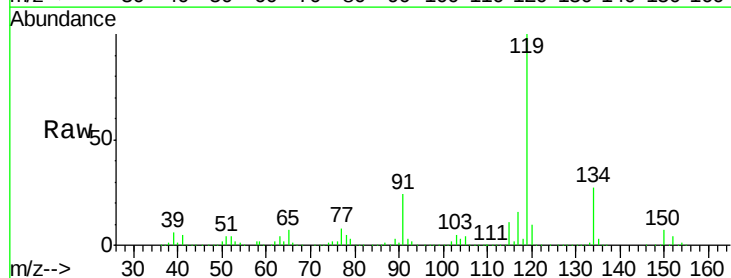
Tgt Ion:119 Resp: 539598

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

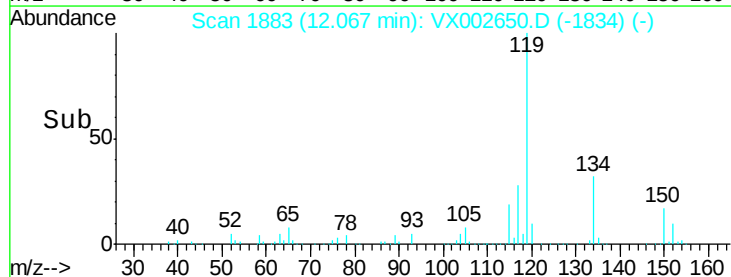
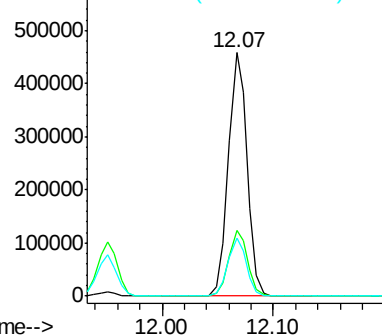
91 23.6 11.9 35.7

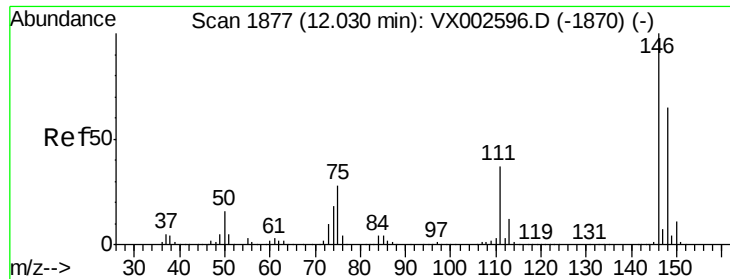


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.97 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

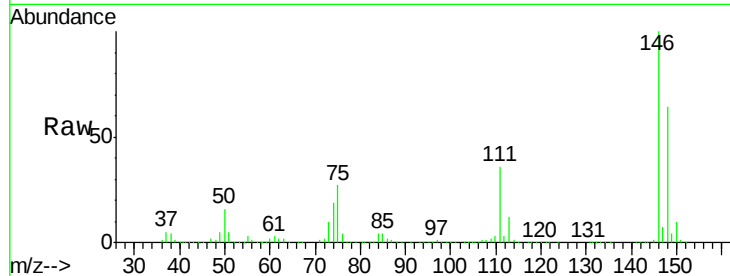
Tot Ion:146 Resp: 319855

Ion Ratio Lower Upper

146 100

111 36.6 18.9 56.7

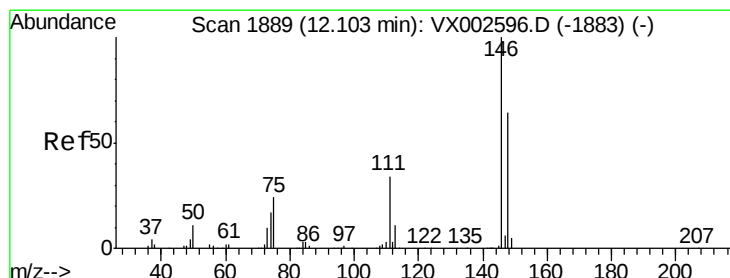
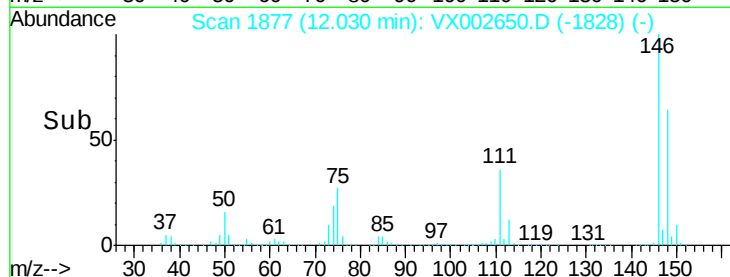
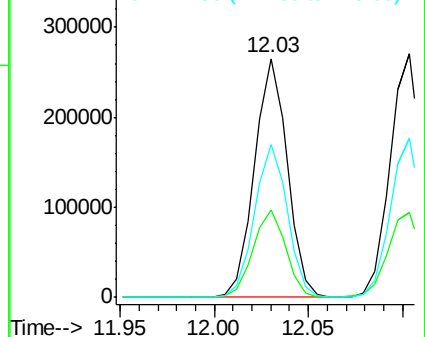
148 64.2 32.1 96.3



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: 49.06 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

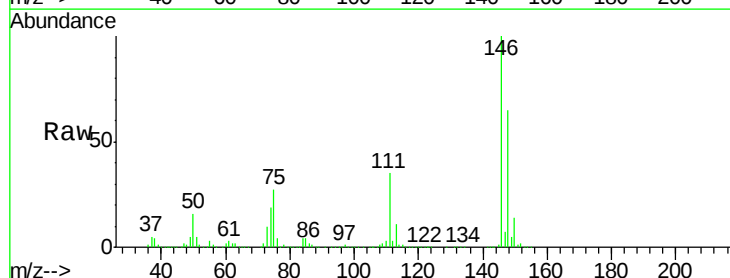
Tgt Ion:146 Resp: 326049

Ion Ratio Lower Upper

146 100

111 36.2 18.7 56.1

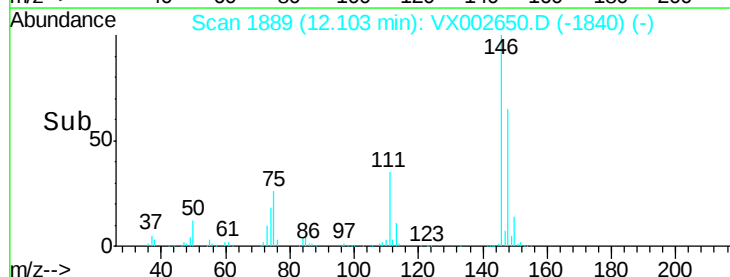
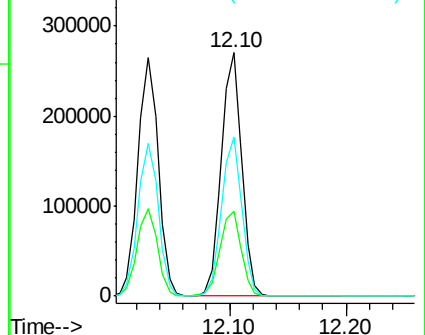
148 64.9 32.4 97.0

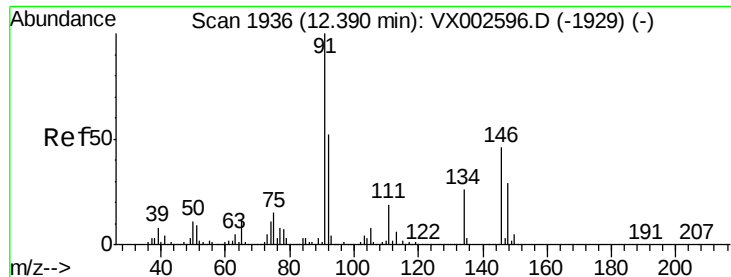


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 43.53 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

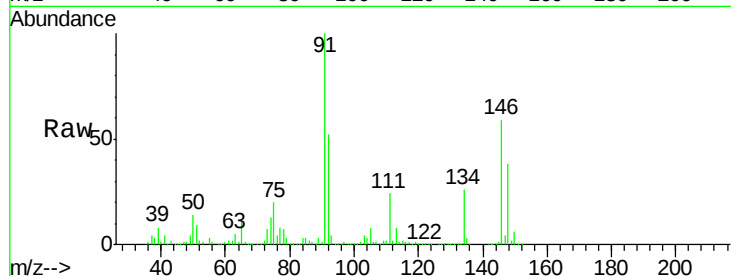
Tot Ion: 91 Resp: 449656

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

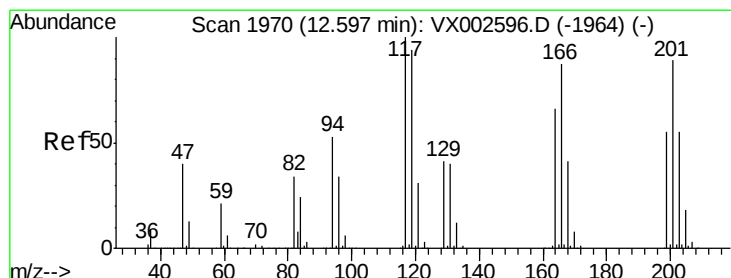
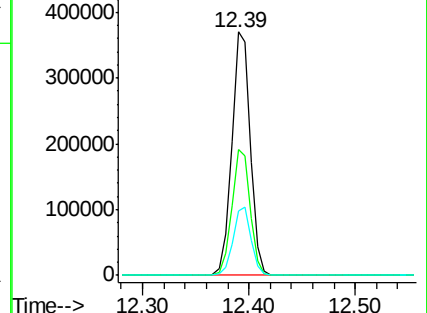
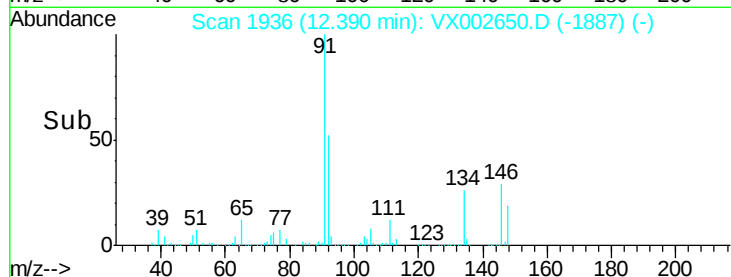
134 27.3 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002650.D (-1921) (-)

Ion 92.00 (91.70 to 92.70): VX002650.D (-1921) (-)

Ion 134.00 (133.70 to 134.70): VX002650.D (-1921) (-)



#90

Hexachloroethane

Concen: 43.67 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002650.D

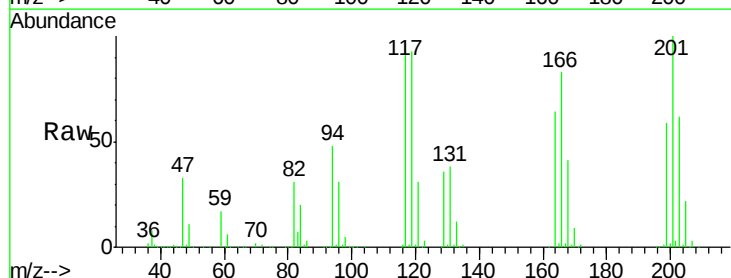
Acq: 16 Jun 2018 16:00

Tgt Ion: 117 Resp: 79072

Ion Ratio Lower Upper

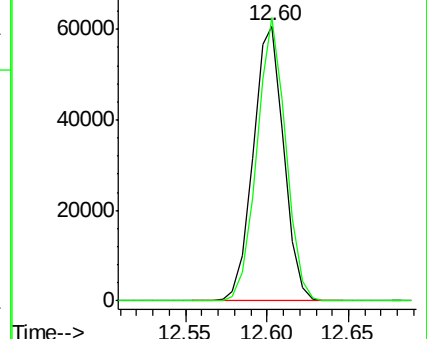
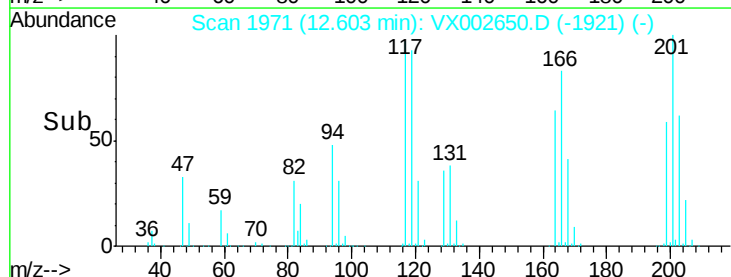
117 100

201 97.0 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002650.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX002650.D (-1921) (-)

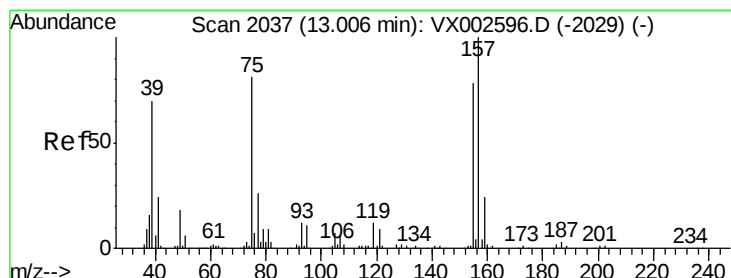
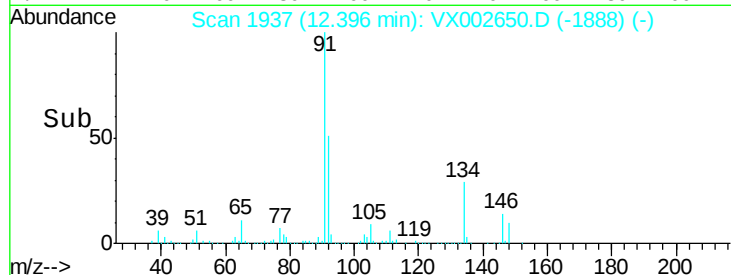
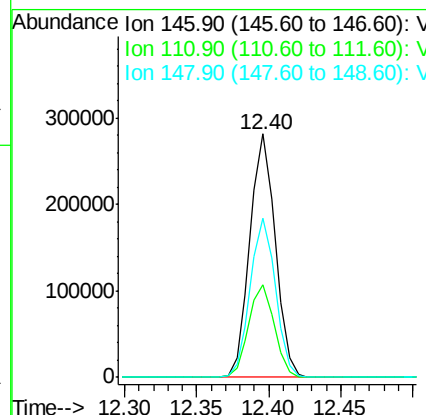
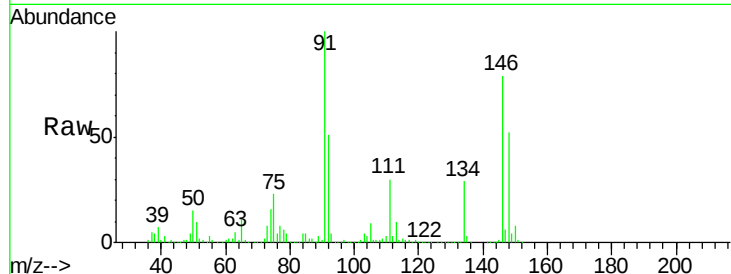




#91
 1,2-Dichlorobenzene
 Concen: 52.37 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

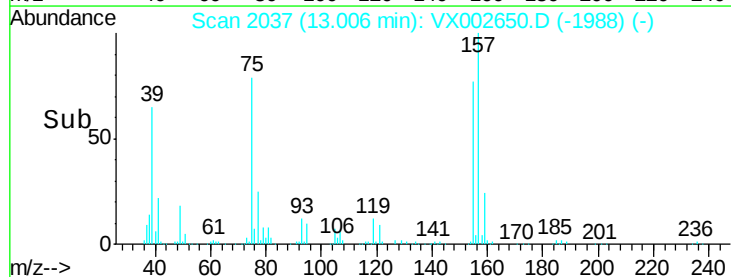
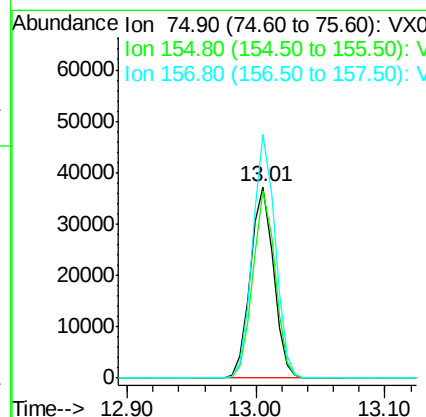
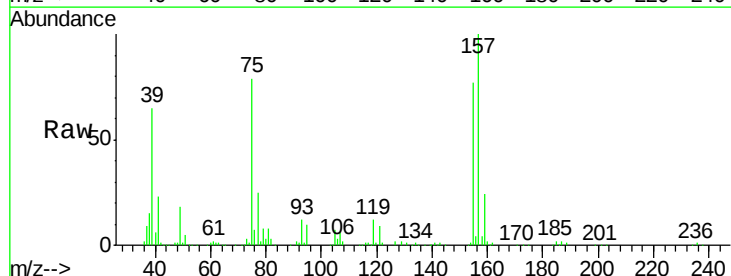
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

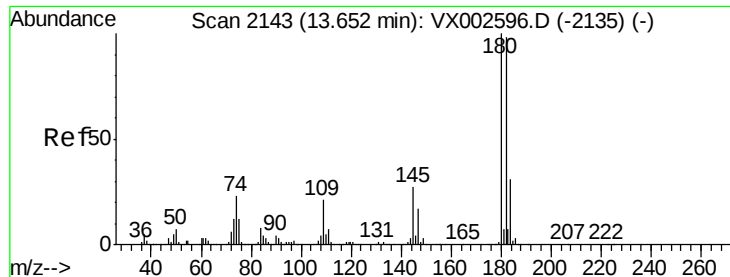
Tot Ion:146 Resp: 344252
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 64.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.06 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion: 75 Resp: 45914
 Ion Ratio Lower Upper
 75 100
 155 93.9 45.8 137.4
 157 123.4 60.1 180.3

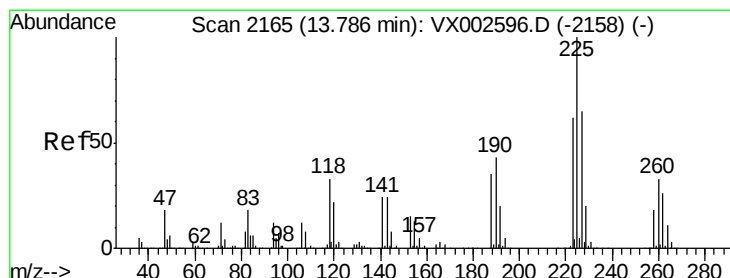
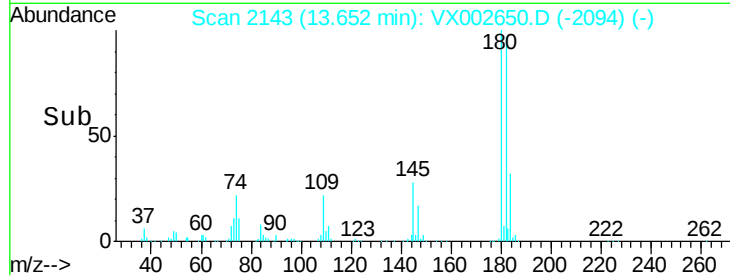
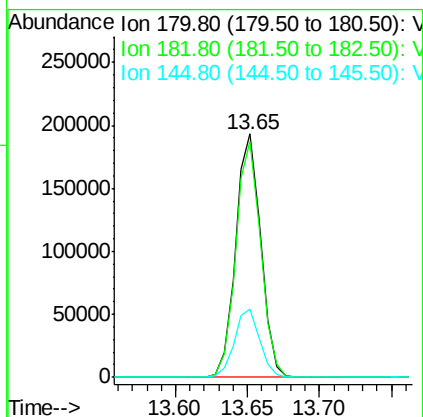
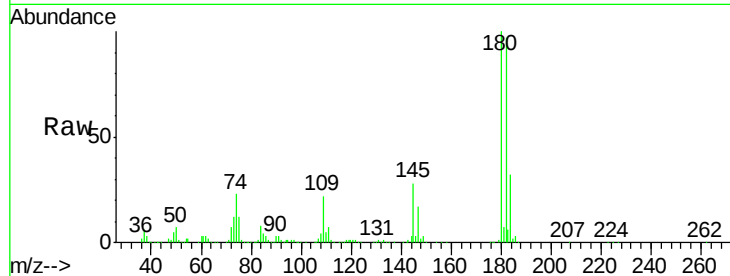




#93
 1,2,4-Trichlorobenzene
 Concen: 49.15 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

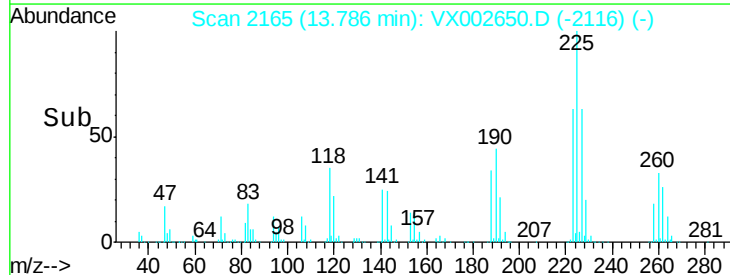
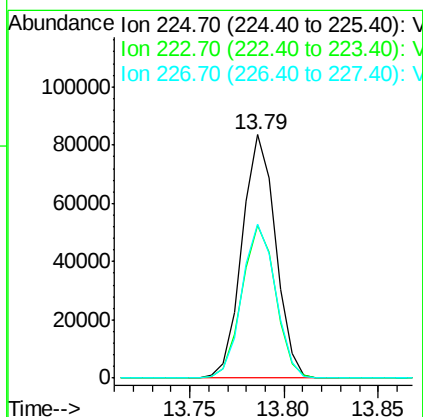
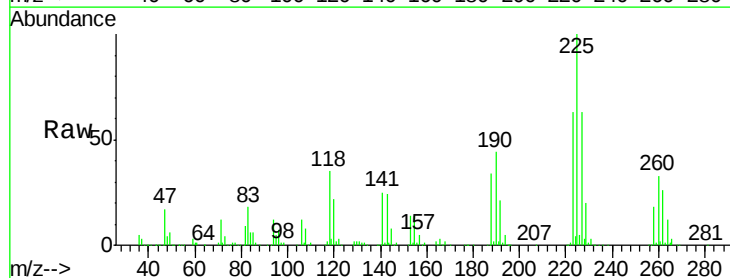
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 234508
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 40.94 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002650.D
 Acq: 16 Jun 2018 16:00

Tgt Ion:225 Resp: 102880
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 63.4 32.4 97.2





#95

Naphthalene

Concen: 54.74 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

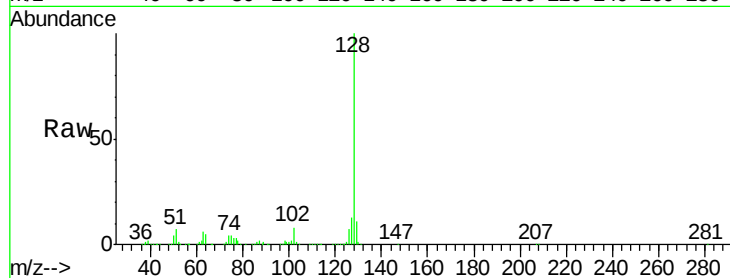
Tot Ion:128 Resp: 702767

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

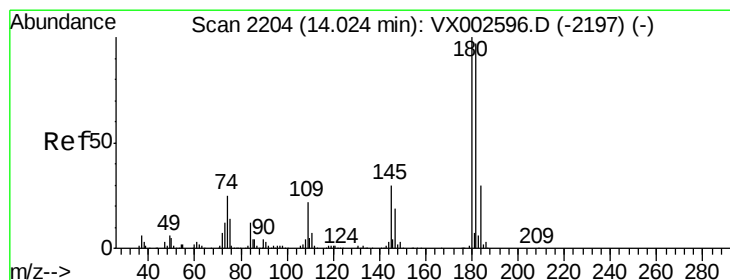
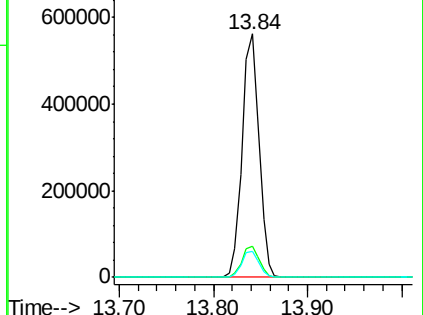
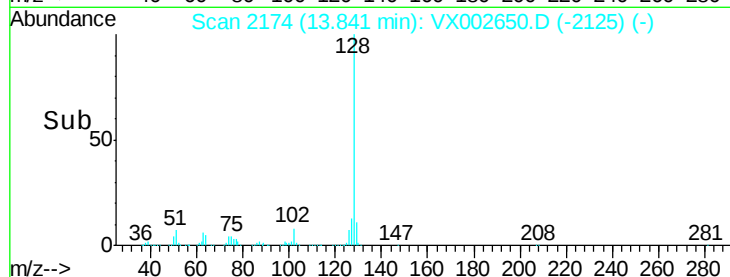
129 10.9 8.6 13.0



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: 51.29 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002650.D

Acq: 16 Jun 2018 16:00

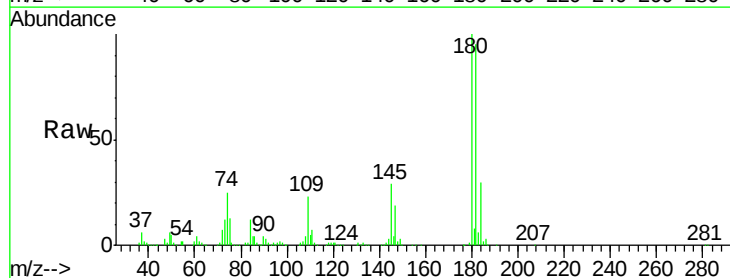
Tgt Ion:180 Resp: 245747

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 29.2 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

