

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004763.D
 Acq On : 27 Sep 2018 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 28 05:46:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	312303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	452297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	211363	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	5.50	113	177359	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
50) Toluene-d8	8.71	98	660634	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.14	95	248357	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	244269	57.365	ug/l	100
3) Chloromethane	1.32	50	237208	45.916	ug/l	99
4) Vinyl Chloride	1.40	62	244318	50.423	ug/l	96
5) Bromomethane	1.64	94	122538	42.648	ug/l	99
6) Chloroethane	1.71	64	133938	50.758	ug/l	99
7) Trichlorofluoromethane	1.92	101	304402	50.746	ug/l	99
8) Diethyl Ether	2.19	74	128124	49.166	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	175277	51.297	ug/l	98
10) Methyl Iodide	2.51	142	161502	35.321	ug/l	100
11) Tert butyl alcohol	3.08	59	317083	254.194	ug/l	98
12) 1,1-Dichloroethene	2.37	96	163477	48.310	ug/l	95
13) Acrolein	2.29	56	216345	243.762	ug/l	97
14) Allyl chloride	2.73	41	369946	50.105	ug/l	94
15) Acrylonitrile	3.15	53	681531	248.189	ug/l	99
16) Acetone	2.45	43	623982	239.572	ug/l	98
17) Carbon Disulfide	2.57	76	496126	48.792	ug/l	99
18) Methyl Acetate	2.78	43	328425	49.769	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	621488	53.245	ug/l	96
20) Methylene Chloride	2.85	84	194699	51.438	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	178414	48.164	ug/l	97
22) Diisopropyl ether	3.87	45	639831	51.462	ug/l	92
23) Vinyl Acetate	3.82	43	2919761	256.555	ug/l	96
24) 1,1-Dichloroethane	3.70	63	341528	46.050	ug/l	99
25) 2-Butanone	4.70	43	948683	247.104	ug/l	94
26) 2,2-Dichloropropane	4.58	77	262222	50.774	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	200066	48.346	ug/l	95
28) Bromochloromethane	5.02	49	160681	46.008	ug/l	92
29) Tetrahydrofuran	5.15	42	605724	253.844	ug/l	93
30) Chloroform	5.21	83	324205	46.254	ug/l	97
31) Cyclohexane	5.57	56	321554	56.648	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	276304	48.269	ug/l	99
36) 1,1-Dichloropropene	5.79	75	251785	48.142	ug/l	99
37) Ethyl Acetate	4.85	43	333445	48.031	ug/l	99
38) Carbon Tetrachloride	5.78	117	240316	43.712	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004763.D
 Acq On : 27 Sep 2018 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 28 05:46:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	312949	58.600	ug/l	96
40) Benzene	6.14	78	751387	45.890	ug/l	100
41) Methacrylonitrile	5.06	41	185836	48.268	ug/l	96
42) 1,2-Dichloroethane	6.20	62	266658	46.069	ug/l	97
43) Isopropyl Acetate	6.46	43	515233	51.419	ug/l	97
44) Trichloroethene	7.21	130	203488	50.554	ug/l	95
45) 1,2-Dichloropropane	7.52	63	203227	50.613	ug/l	100
46) Dibromomethane	7.66	93	129690	51.394	ug/l	98
47) Bromodichloromethane	7.90	83	245848	52.036	ug/l	99
48) Methyl methacrylate	7.77	41	264970	58.260	ug/l	94
49) 1,4-Dioxane	7.76	88	118556	1049.256	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1753850	277.984	ug/l	96
52) Toluene	8.79	92	466915	51.897	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	294067	55.079	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	316749	56.641	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	194360	49.318	ug/l	97
56) Ethyl methacrylate	9.18	69	327343	51.118	ug/l	96
57) 1,3-Dichloropropane	9.37	76	329434	50.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	938243	274.803	ug/l	94
59) 2-Hexanone	9.50	43	1430681	272.119	ug/l	95
60) Dibromochloromethane	9.58	129	201716	51.180	ug/l	100
61) 1,2-Dibromoethane	9.68	107	205956	48.798	ug/l	99
64) Tetrachloroethene	9.33	164	189333	45.549	ug/l	96
65) Chlorobenzene	10.14	112	525321	48.507	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	187345	49.207	ug/l	99
67) Ethyl Benzene	10.25	91	895869	52.105	ug/l	96
68) m/p-Xylenes	10.36	106	698909	104.024	ug/l	96
69) o-Xylene	10.70	106	338043	54.778	ug/l	97
70) Styrene	10.71	104	569829	49.397	ug/l	97
71) Bromoform	10.86	173	166926	51.212	ug/l	99
73) Isopropylbenzene	11.02	105	899148	54.784	ug/l	99
74) N-amyl acetate	10.90	43	463972	51.382	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	325804	48.765	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	384460	65.874	ug/l	88
77) Bromobenzene	11.26	156	243354	51.048	ug/l	98
78) n-propylbenzene	11.36	91	1039470	55.198	ug/l	100
79) 2-Chlorotoluene	11.42	91	614790	52.376	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	766767	50.976	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	102842	48.137	ug/l	94
82) 4-Chlorotoluene	11.51	91	730426	52.867	ug/l	100
83) tert-Butylbenzene	11.77	119	756559	55.987	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	793530	51.156	ug/l	98
85) sec-Butylbenzene	11.95	105	912377	55.432	ug/l	99
86) p-Isopropyltoluene	12.07	119	829177	55.604	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	449819	50.532	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	453574	49.360	ug/l	98
89) n-Butylbenzene	12.39	91	768422	56.739	ug/l	98
90) Hexachloroethane	12.60	117	128020	51.562	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	452749	48.669	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74876	51.042	ug/l	98

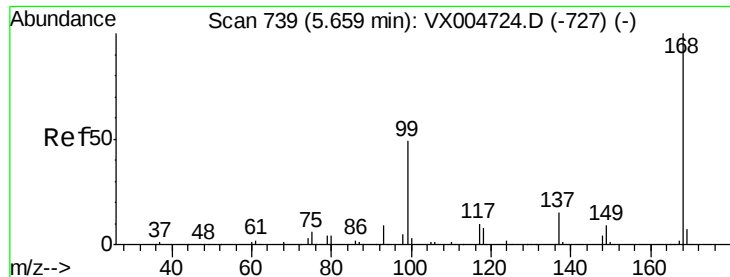
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
Data File : VX004763.D
Acq On : 27 Sep 2018 10:08
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Sep 28 05:46:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	351971	53.936	ug/l	99
94) Hexachlorobutadiene	13.79	225	173186	51.179	ug/l	97
95) Naphthalene	13.83	128	1108488	51.162	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	356691	52.913	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

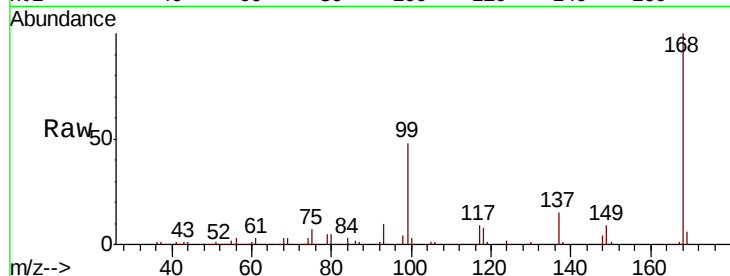
VSTDCCC050

Tot Ion:168 Resp: 312303

Ion Ratio Lower Upper

168 100

99 47.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

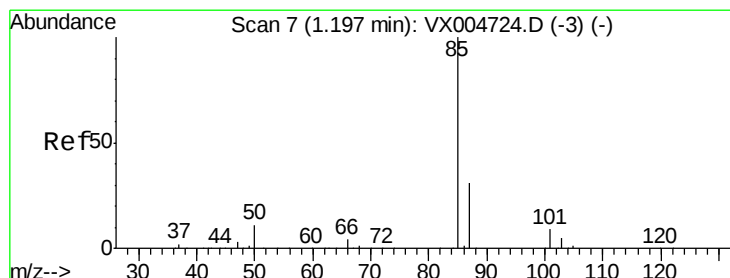
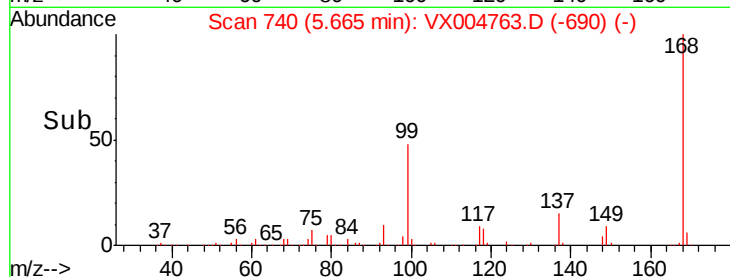
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 57.365 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004763.D

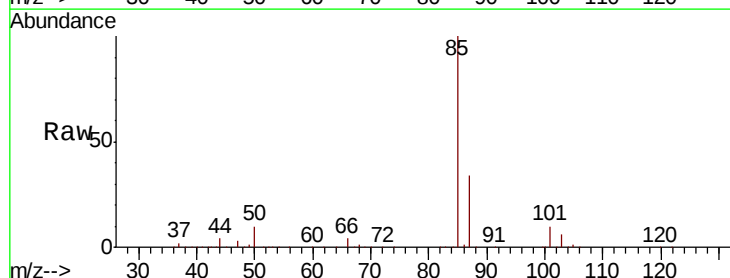
Acq: 27 Sep 2018 10:08

Tgt Ion: 85 Resp: 244269

Ion Ratio Lower Upper

85 100

87 34.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

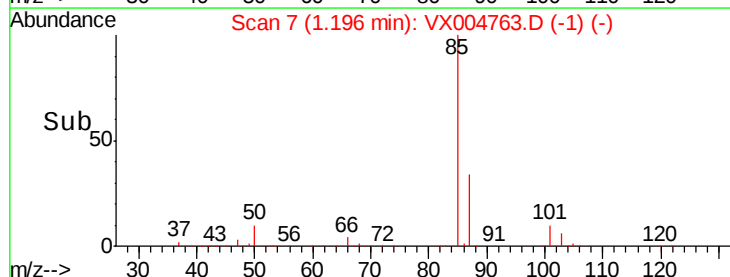
100000

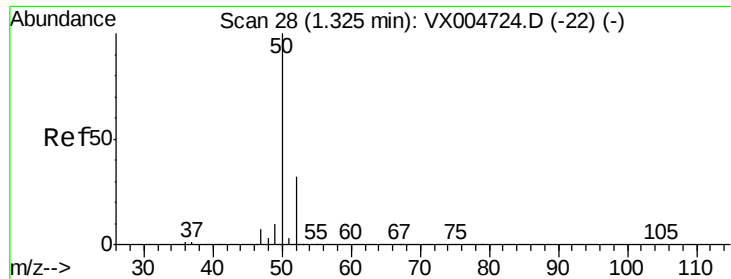
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.916 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

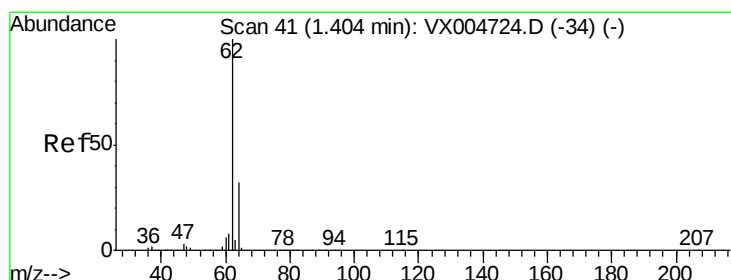
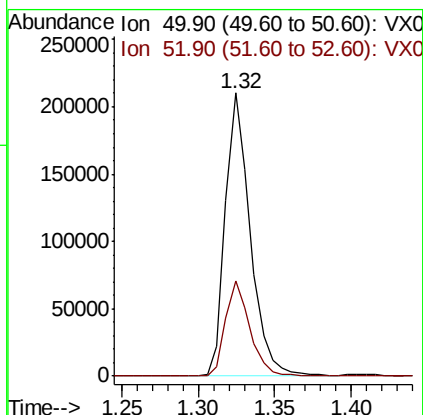
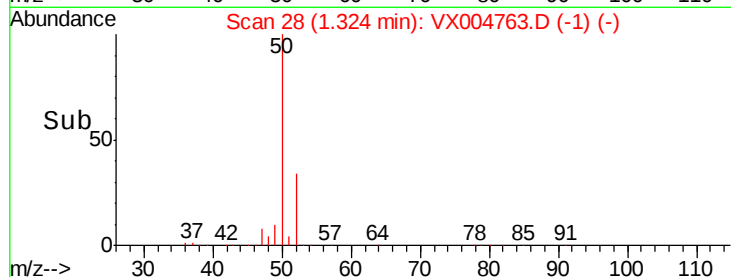
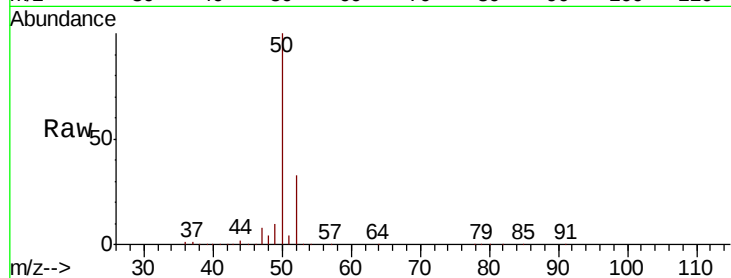
VSTDCCC050

Tot Ion: 50 Resp: 237208

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.2



#4

Vinyl Chloride

Concen: 50.423 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004763.D

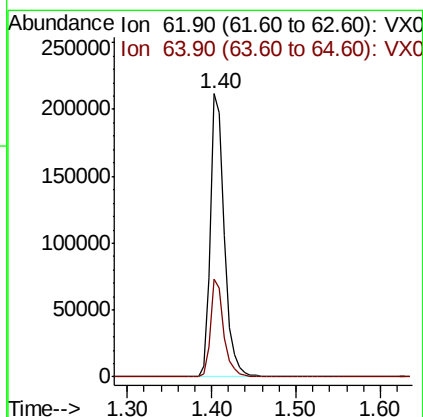
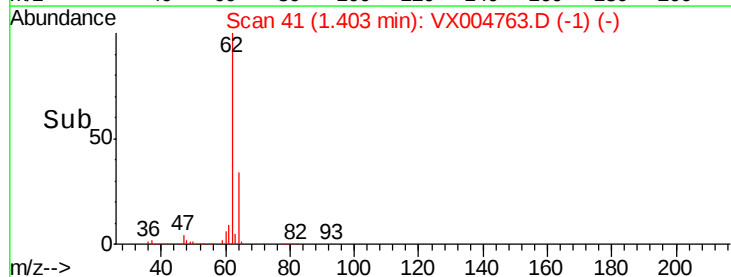
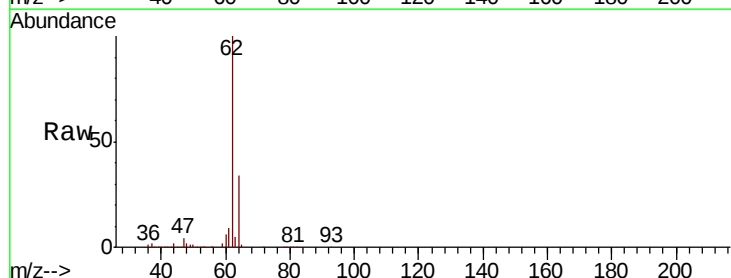
Acq: 27 Sep 2018 10:08

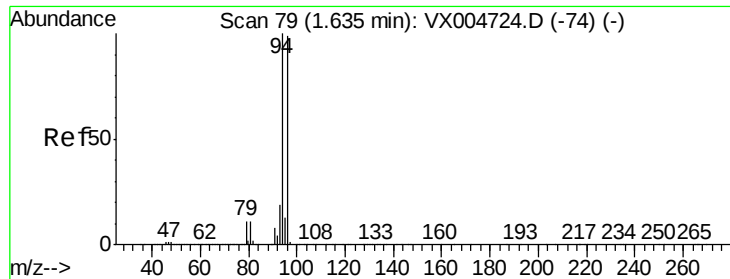
Tgt Ion: 62 Resp: 244318

Ion Ratio Lower Upper

62 100

64 34.5 25.8 38.8

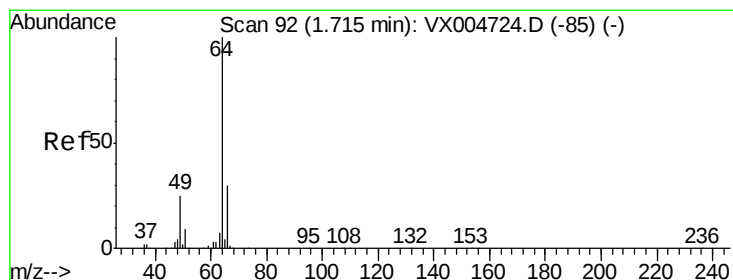
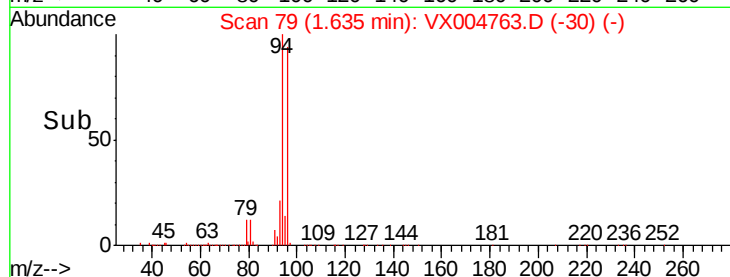
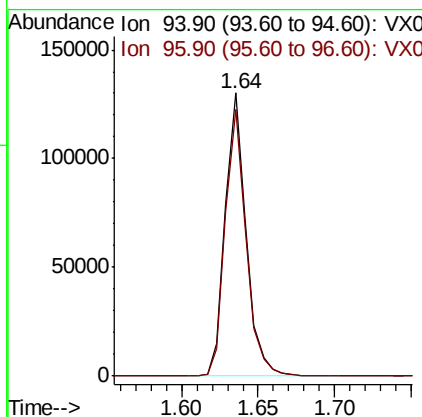
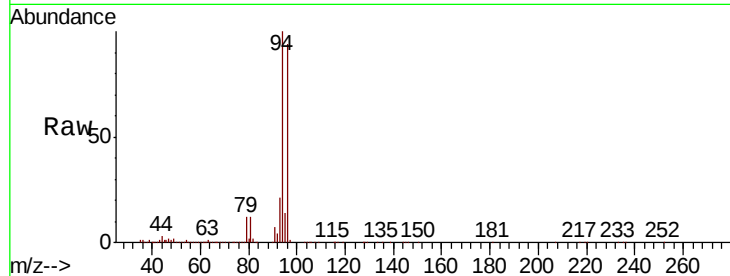




#5
Bromomethane
Concen: 42.648 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

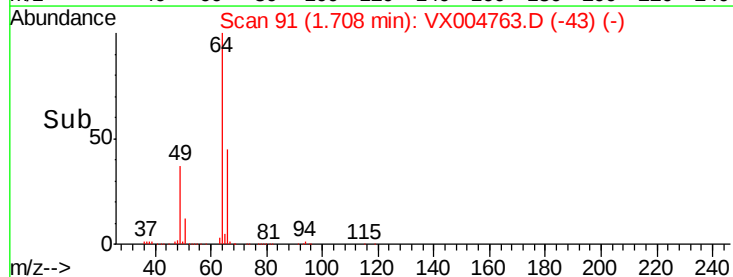
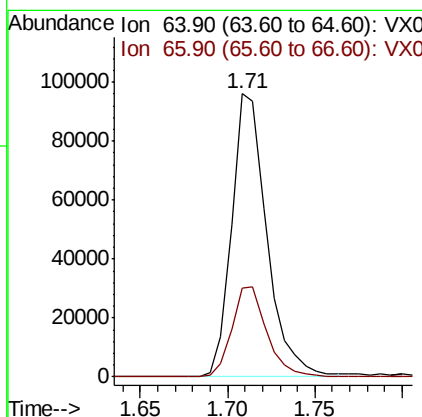
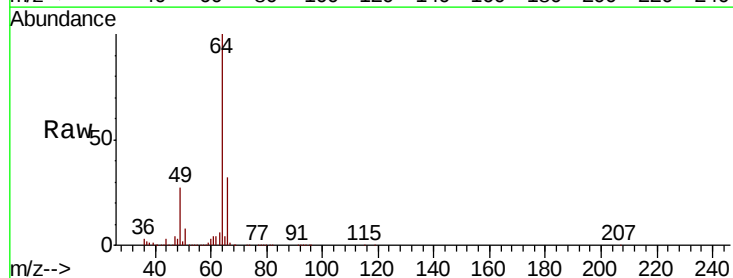
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

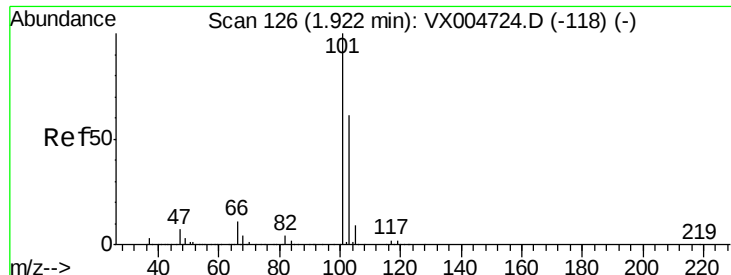
Tot Ion: 94 Resp: 122538
Ion Ratio Lower Upper
94 100
96 94.3 74.5 111.7



#6
Chloroethane
Concen: 50.758 ug/l
RT: 1.71 min Scan# 91
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 64 Resp: 133938
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8



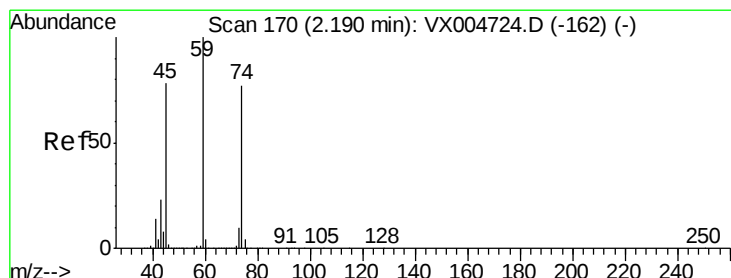
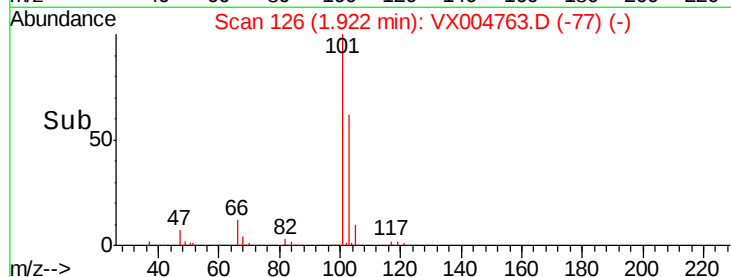
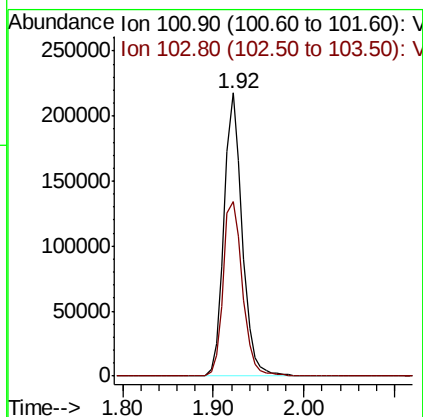
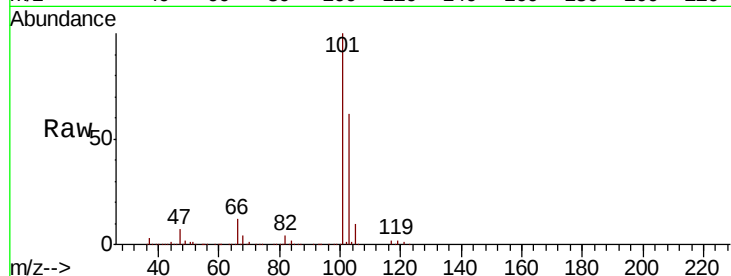


#7

Trichlorofluoromethane
 Concen: 50.746 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

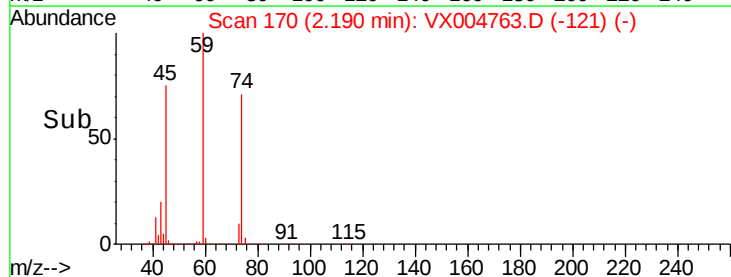
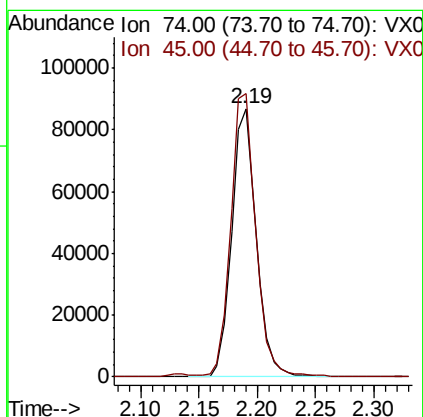
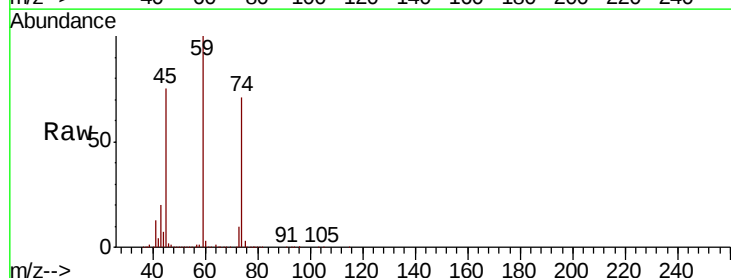
Tot Ion:101 Resp: 304402
 Ion Ratio Lower Upper
 101 100
 103 61.6 48.9 73.3

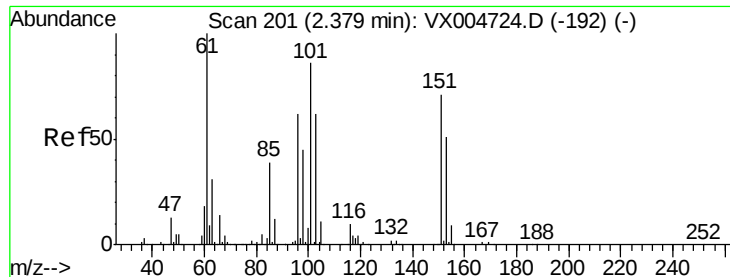


#8

Diethyl Ether
 Concen: 49.166 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion: 74 Resp: 128124
 Ion Ratio Lower Upper
 74 100
 45 107.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.297 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

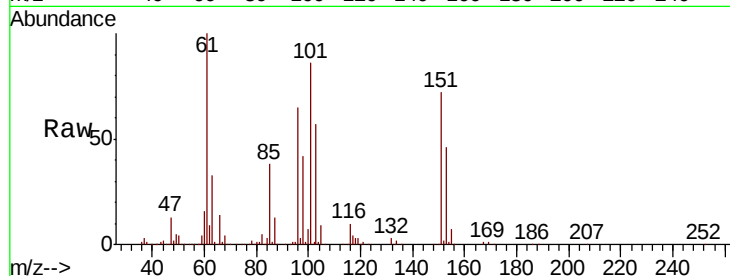
Tot Ion:101 Resp: 175277

Ion Ratio Lower Upper

101 100

85 43.4 34.2 51.4

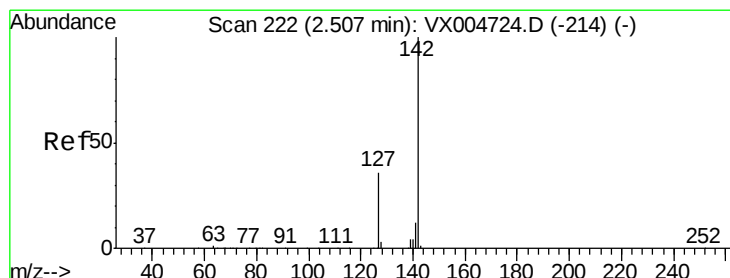
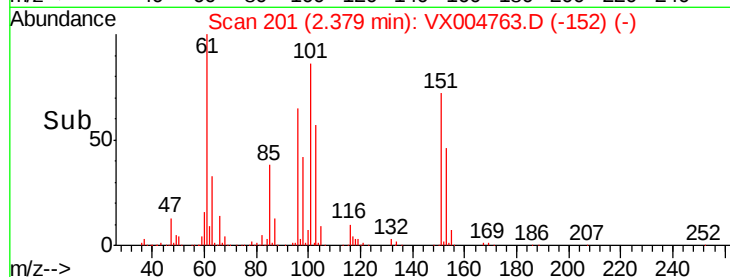
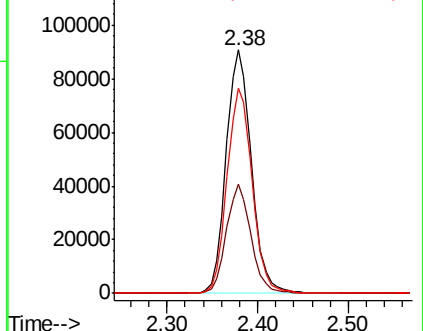
151 84.2 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.321 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

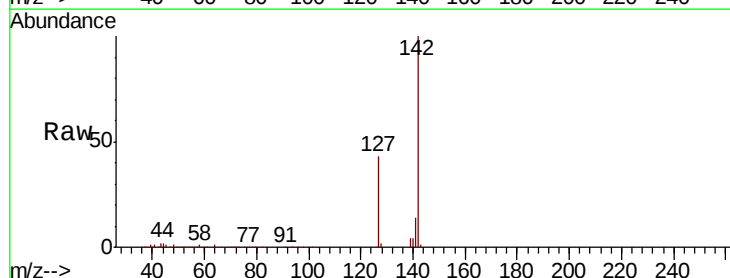
Tgt Ion:142 Resp: 161502

Ion Ratio Lower Upper

142 100

127 41.9 33.8 50.6

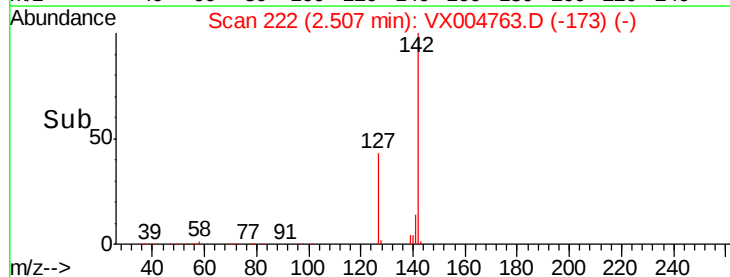
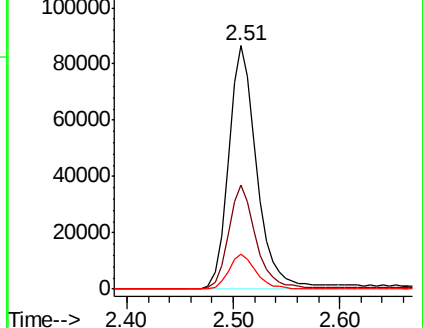
141 14.2 11.4 17.0

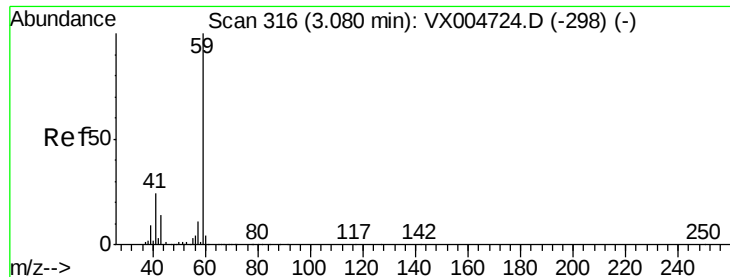


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



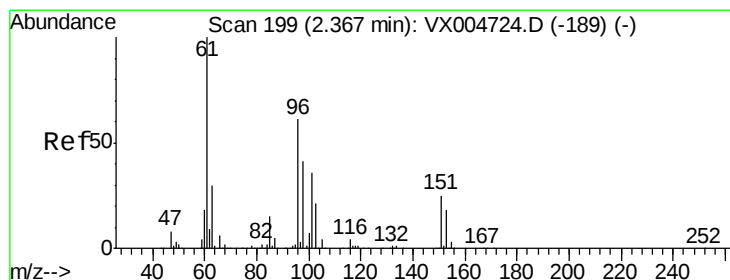
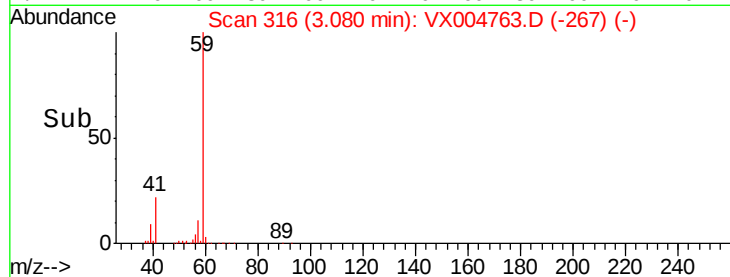
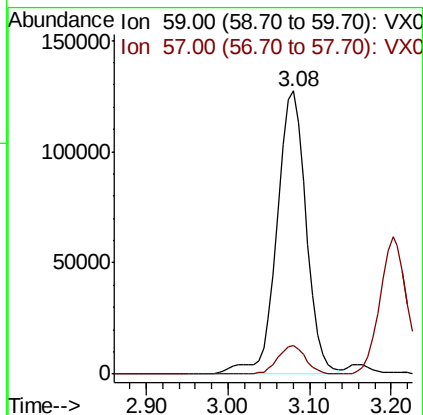
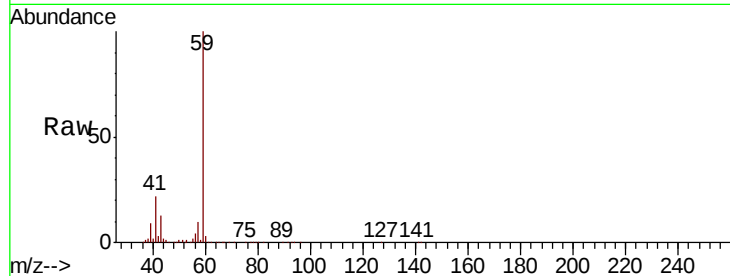


#11

Tert butyl alcohol
Concen: 254.194 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

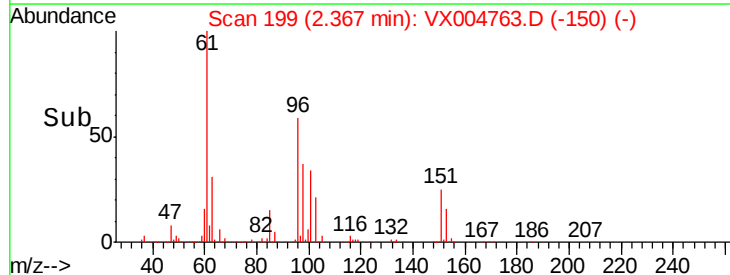
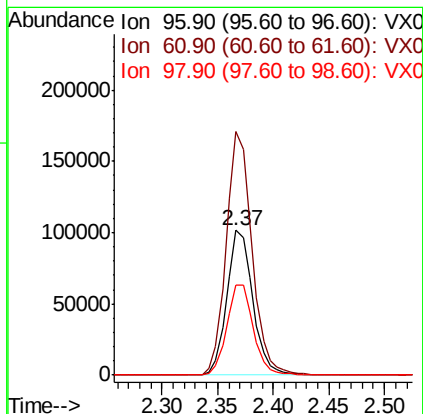
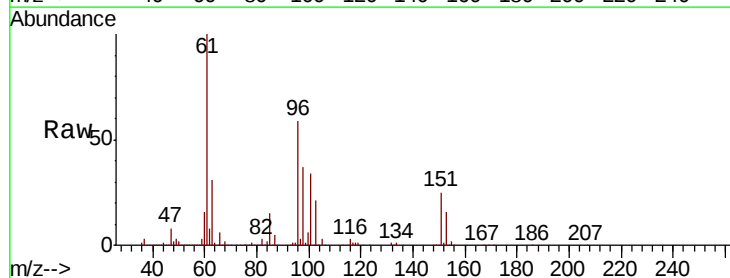
Tot Ion: 59 Resp: 317083
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4

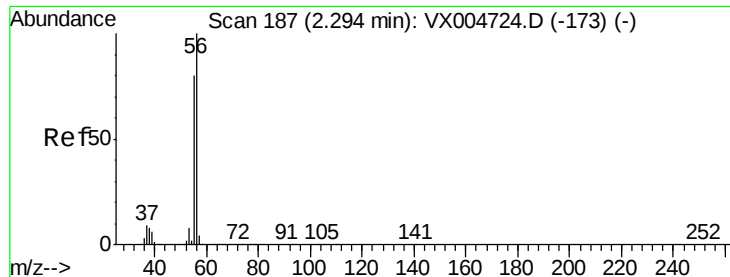


#12

1,1-Dichloroethene
Concen: 48.310 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 96 Resp: 163477
Ion Ratio Lower Upper
96 100
61 168.4 128.8 193.2
98 62.3 52.2 78.2





#13

Acrolein

Concen: 243.762 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

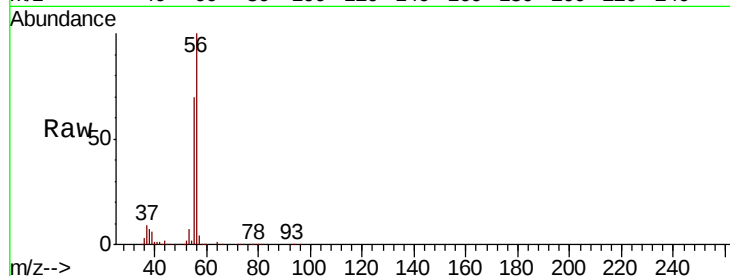
VSTDCCC050

Tot Ion: 56 Resp: 216345

Ion Ratio Lower Upper

56 100

55 70.5 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

150000

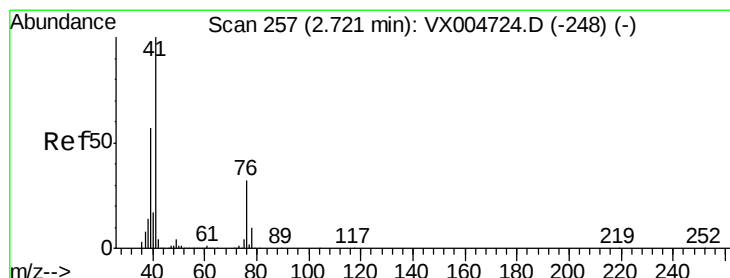
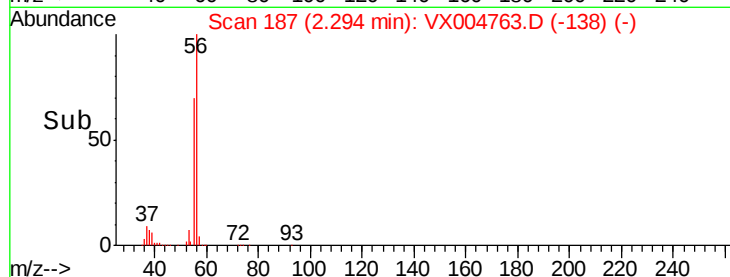
100000

50000

0

2.20 2.30 2.40

Time-->



#14

Allyl chloride

Concen: 50.105 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

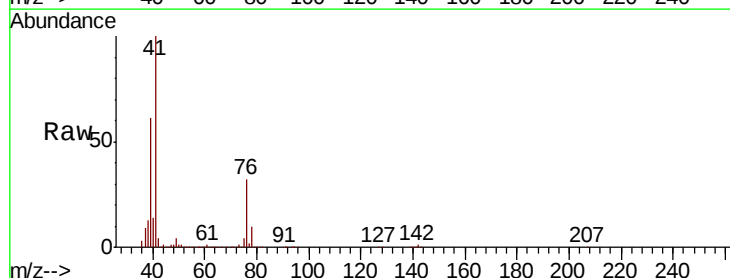
Tgt Ion: 41 Resp: 369946

Ion Ratio Lower Upper

41 100

39 57.5 48.9 73.3

76 29.1 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

150000

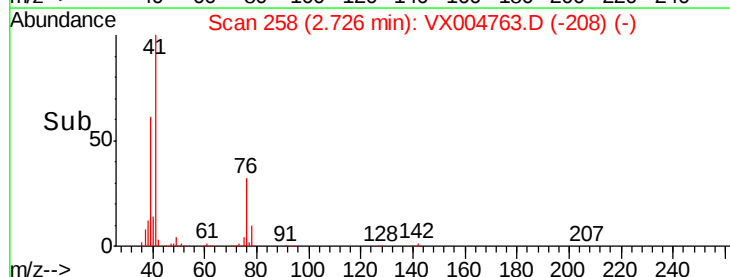
100000

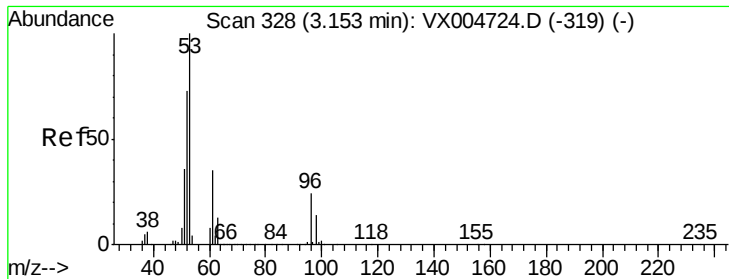
50000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 248.189 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

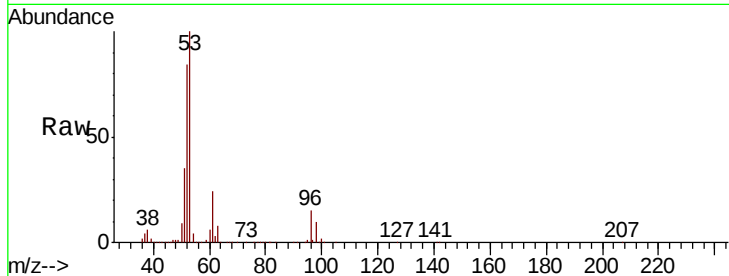
Tot Ion: 53 Resp: 681531

Ion Ratio Lower Upper

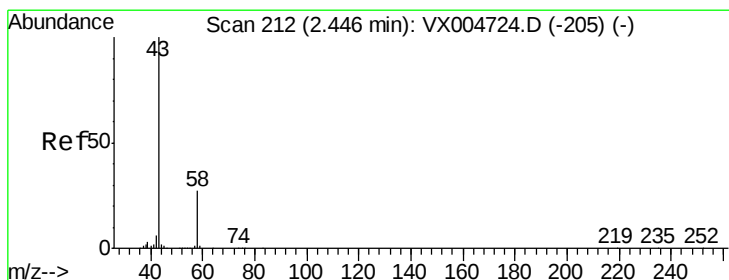
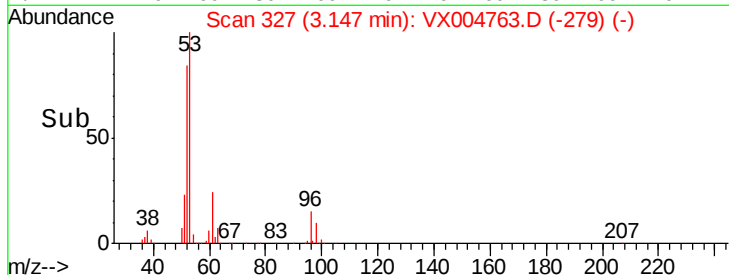
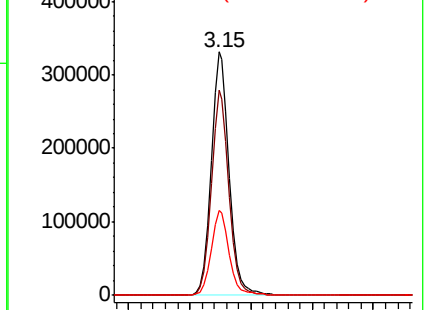
53 100

52 82.9 65.2 97.8

51 35.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.572 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004763.D

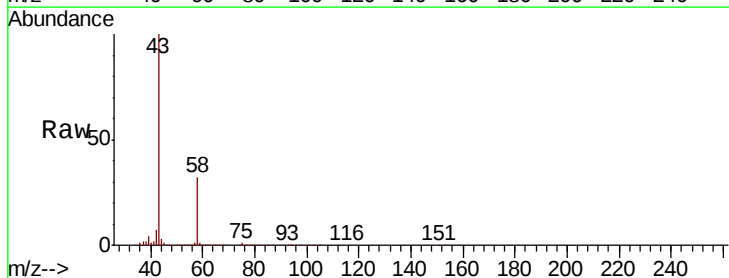
Acq: 27 Sep 2018 10:08

Tgt Ion: 43 Resp: 623982

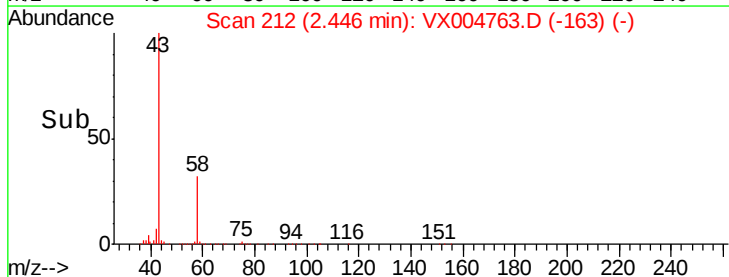
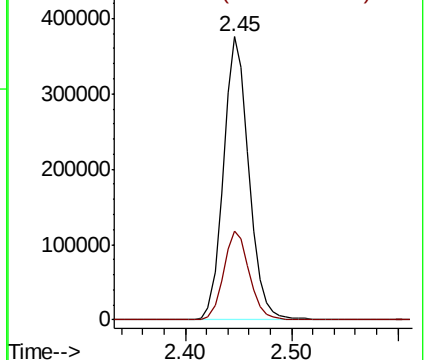
Ion Ratio Lower Upper

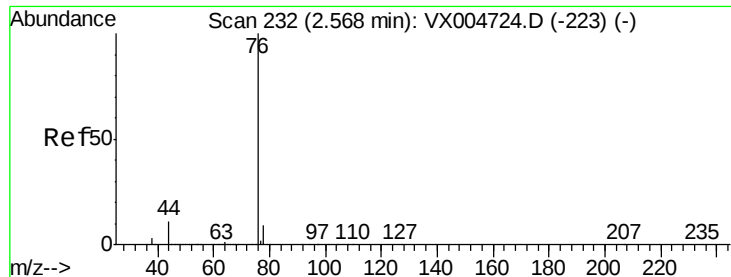
43 100

58 31.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

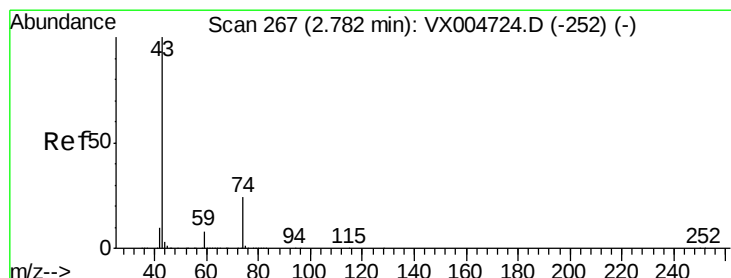
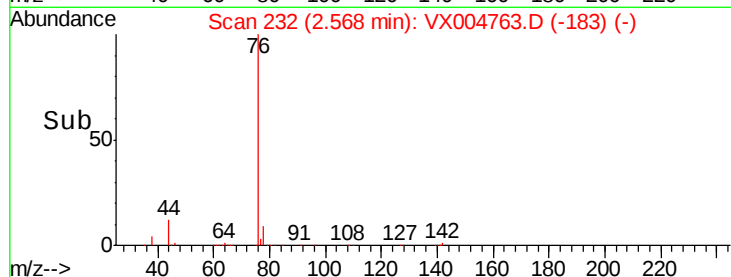
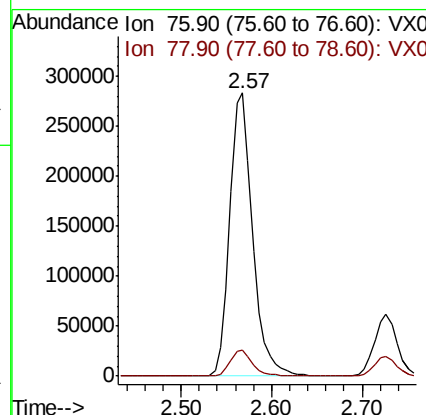
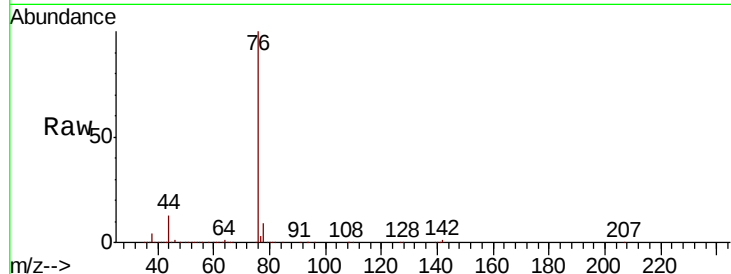




#17
Carbon Disulfide
Concen: 48.792 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

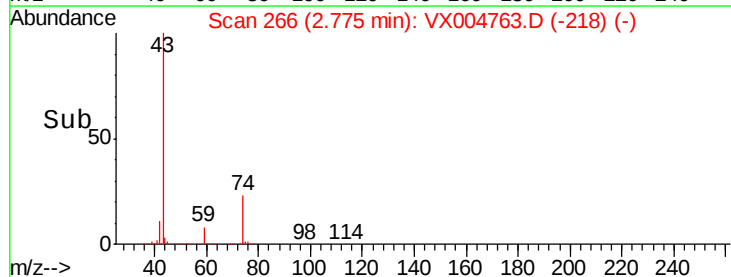
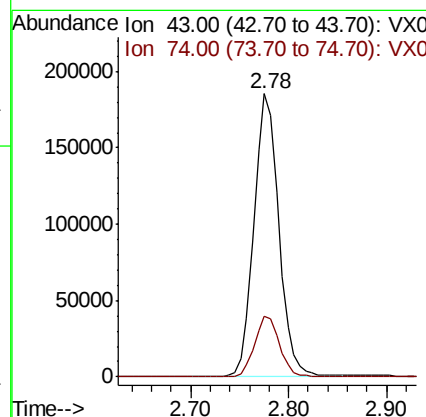
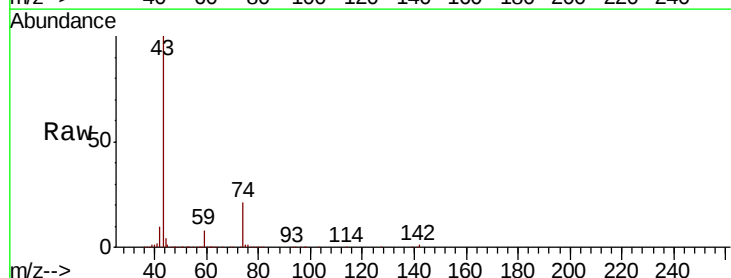
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

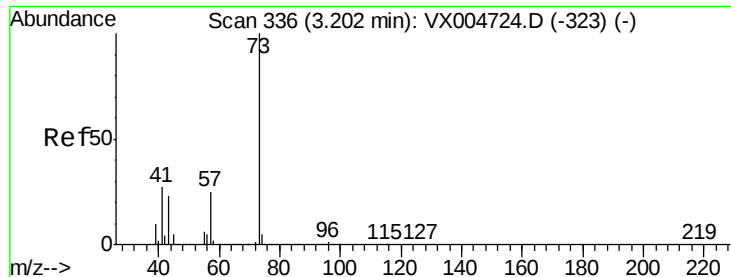
Tot Ion: 76 Resp: 496126
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 49.769 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 43 Resp: 328425
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2



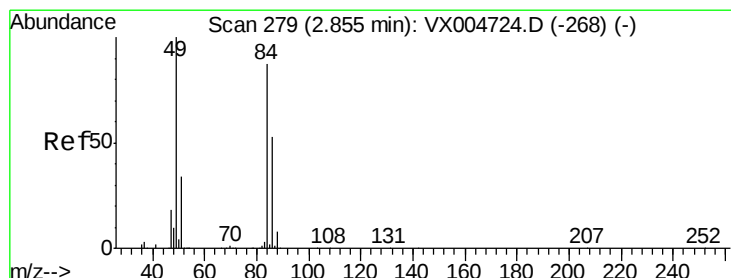
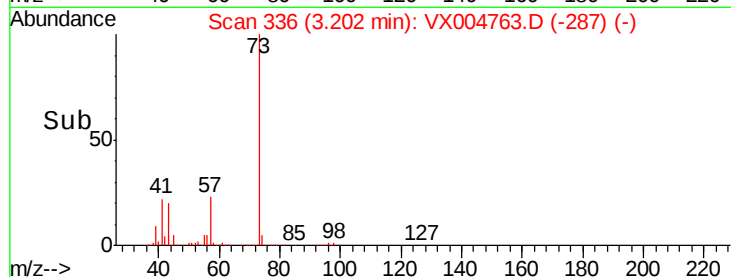
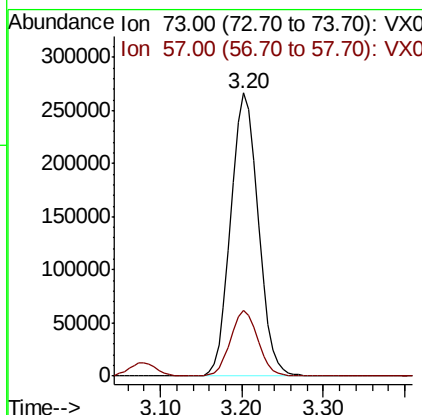
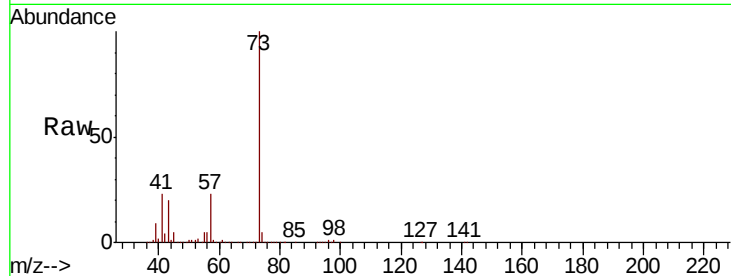


#19

Methyl tert-butyl Ether
 Concen: 53.245 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

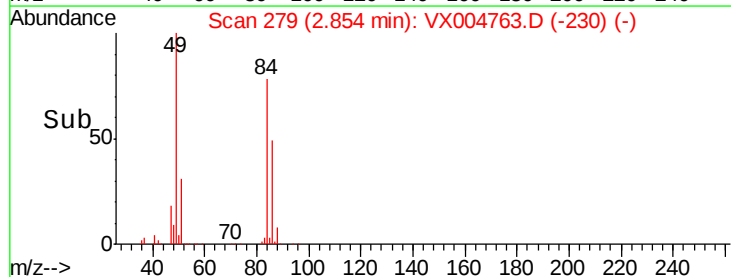
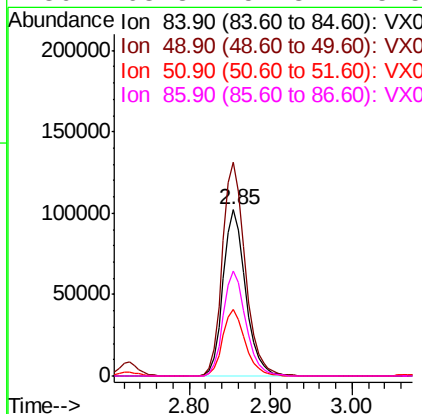
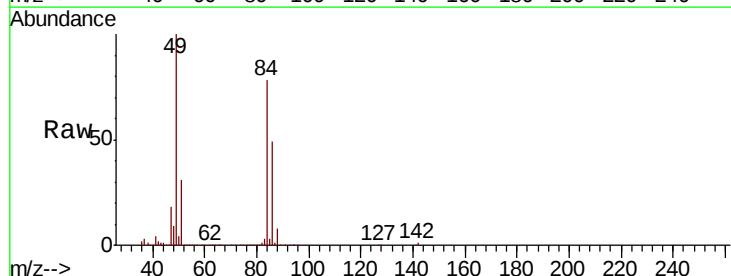
Tot Ion: 73 Resp: 621488
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.1 25.7

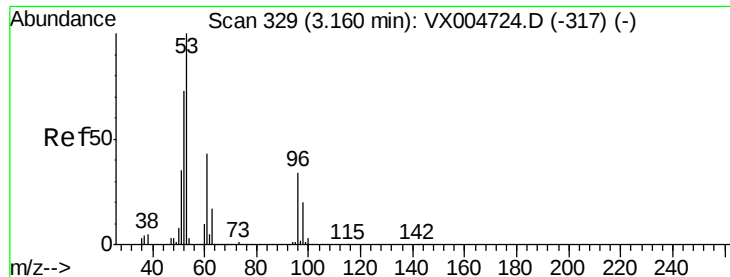


#20

Methylene Chloride
 Concen: 51.438 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion: 84 Resp: 194699
 Ion Ratio Lower Upper
 84 100
 49 128.4 101.2 151.8
 51 40.0 29.5 44.3
 86 63.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.164 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

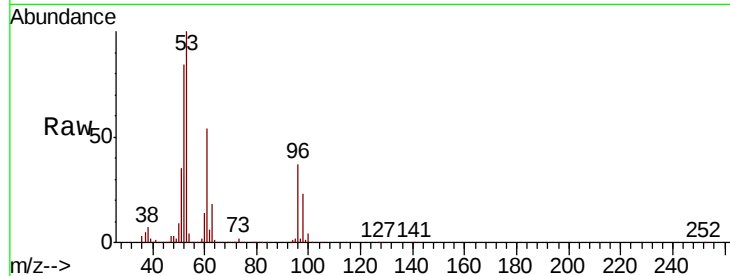
Tot Ion: 96 Resp: 178414

Ion Ratio Lower Upper

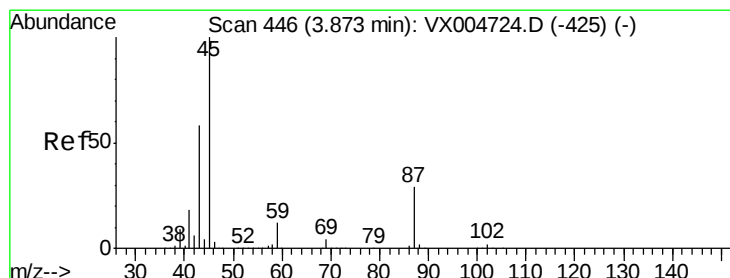
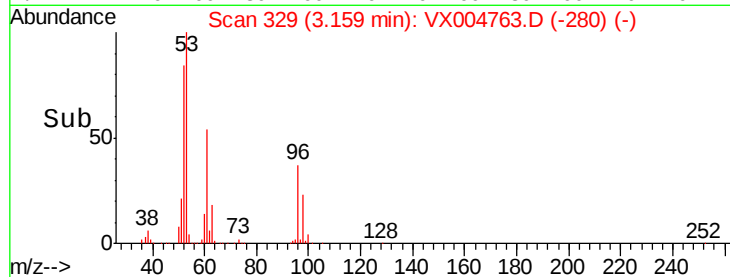
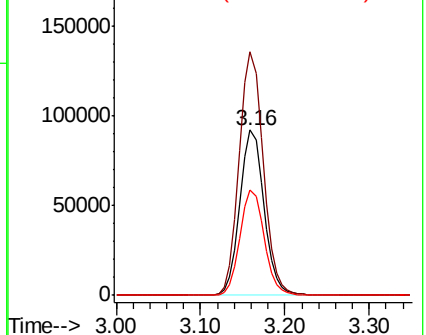
96 100

61 147.2 113.8 170.6

98 63.8 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.462 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion: 45 Resp: 639831

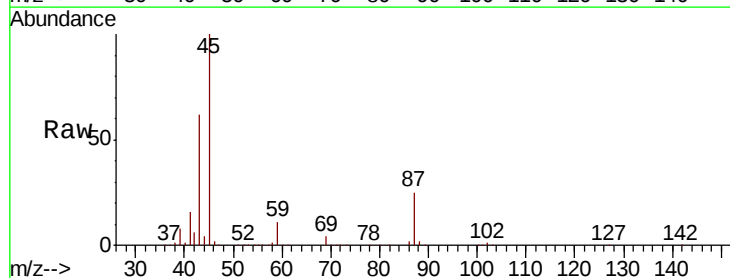
Ion Ratio Lower Upper

45 100

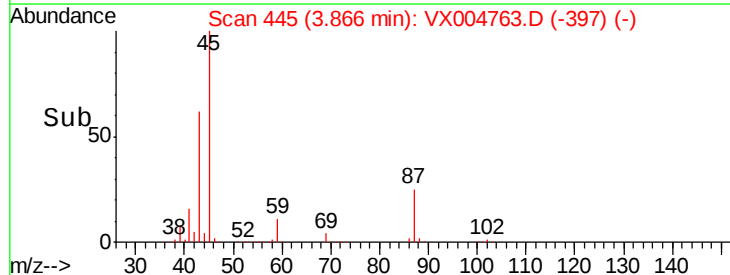
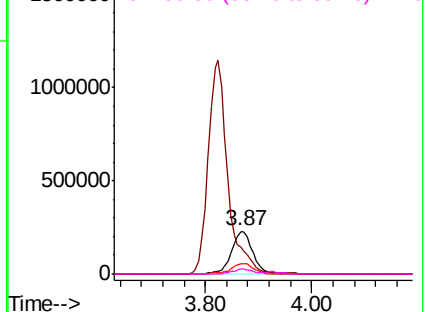
43 61.5 42.8 64.2

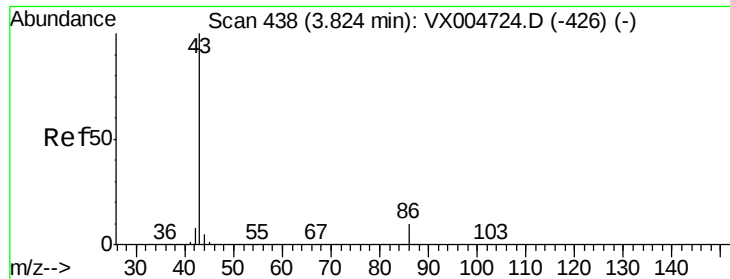
87 25.4 22.6 34.0

59 11.1 9.6 14.4



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: 256.555 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

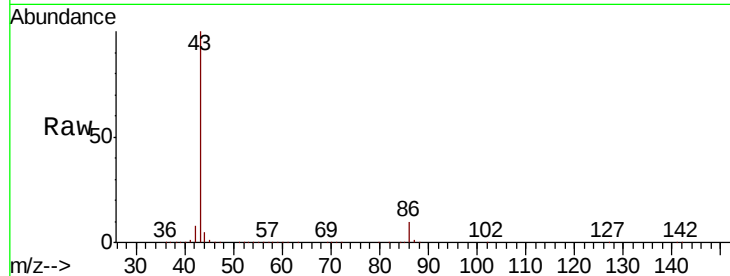
VSTDCCC050

Tot Ion: 43 Resp: 2919761

Ion Ratio Lower Upper

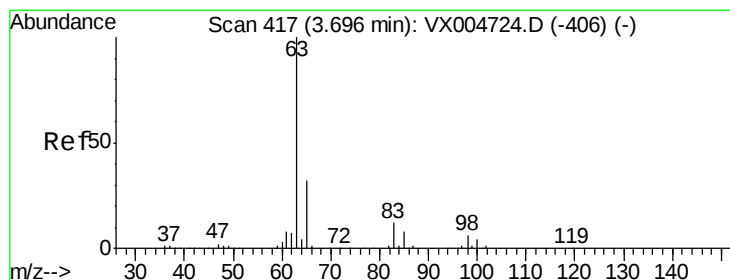
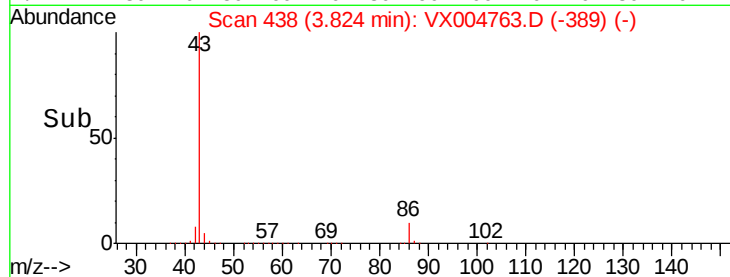
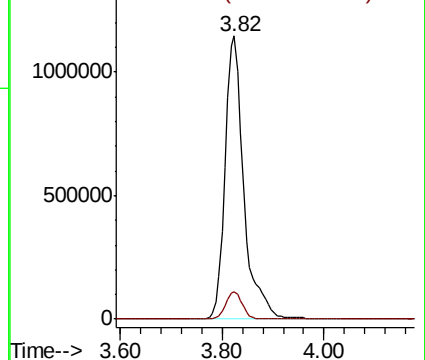
43 100

86 9.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.050 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

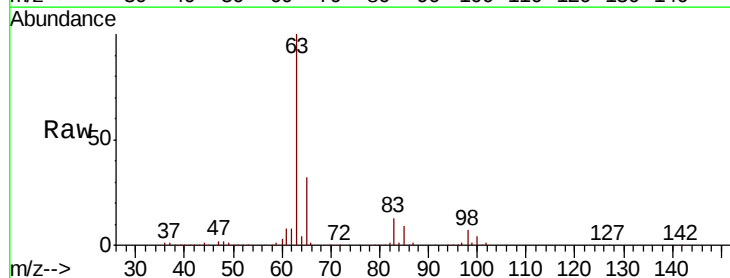
Tgt Ion: 63 Resp: 341528

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

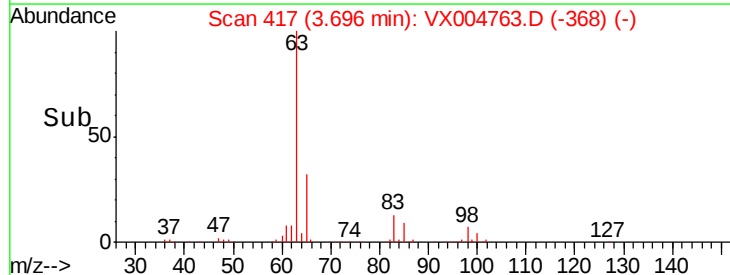
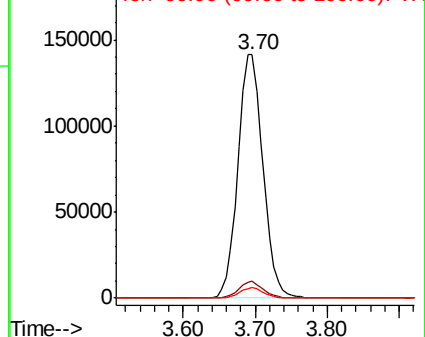
100 4.2 2.4 7.1

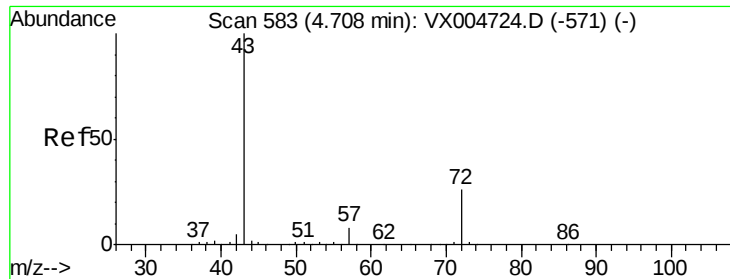


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

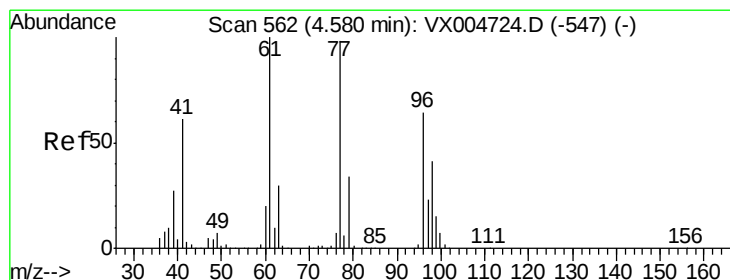
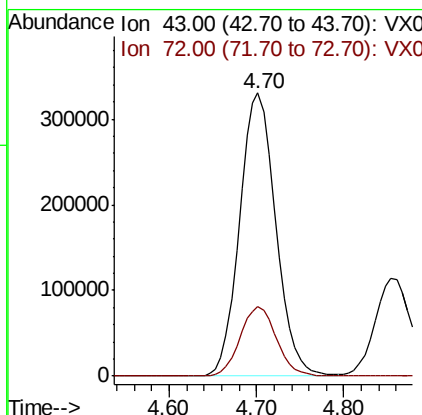
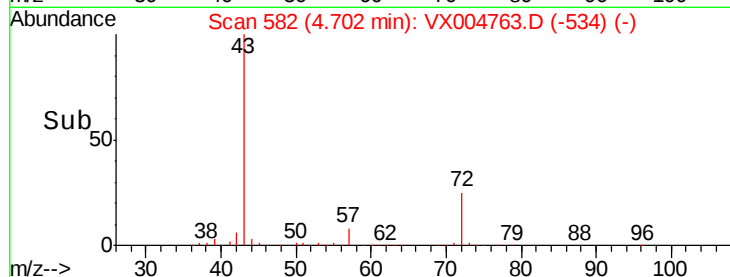
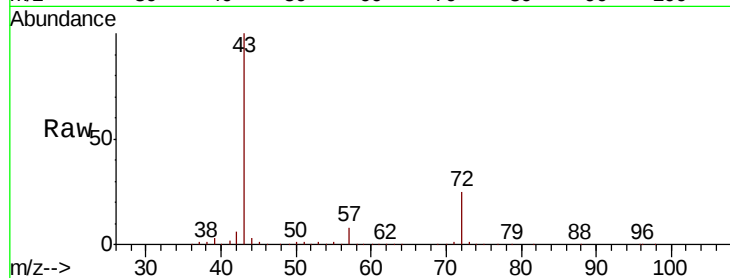




#25
2-Butanone
Concen: 247.104 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

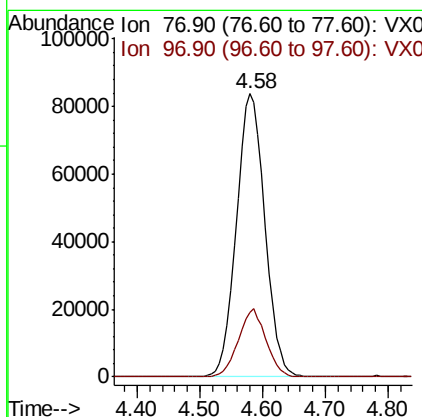
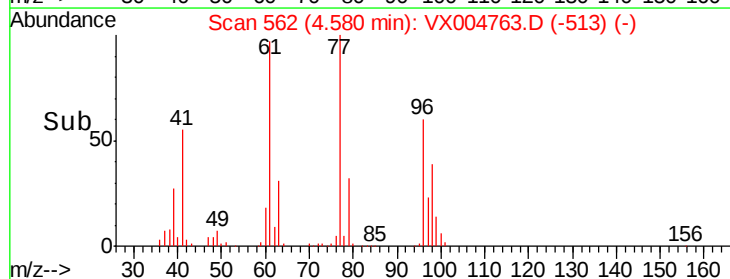
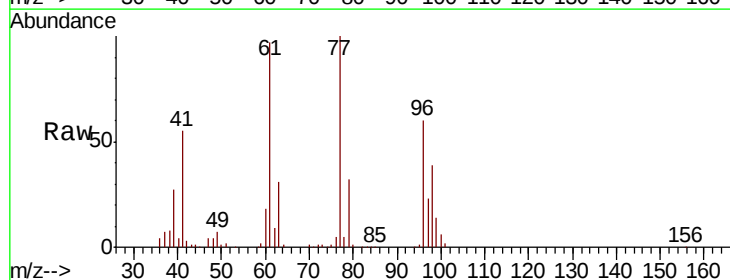
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

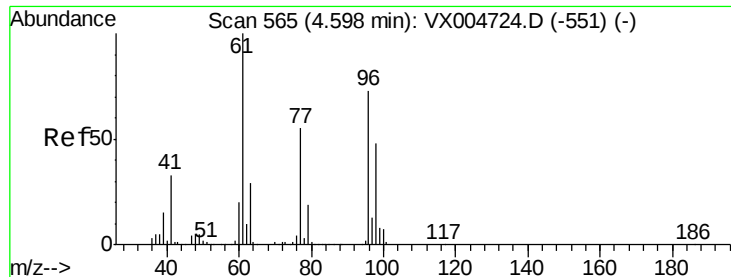
Tot Ion: 43 Resp: 948683
Ion Ratio Lower Upper
43 100
72 24.4 22.0 33.0



#26
2,2-Dichloropropane
Concen: 50.774 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 77 Resp: 262222
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.0



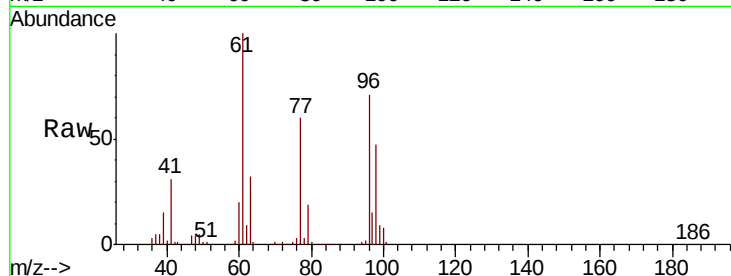


#27

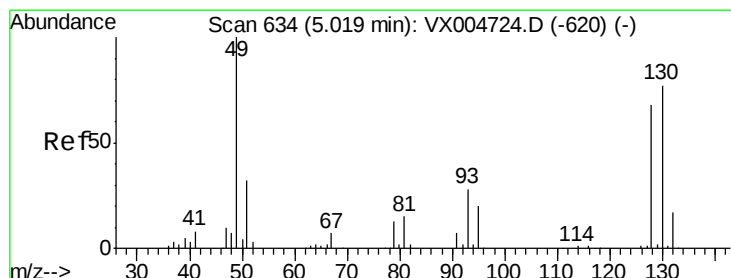
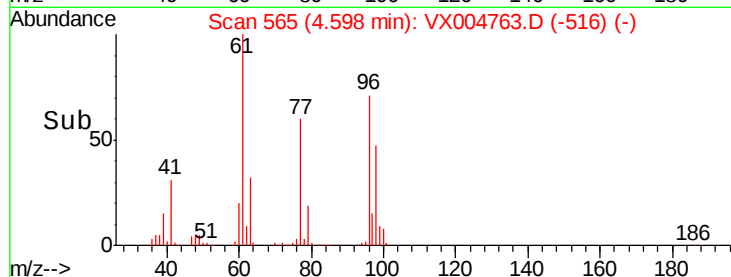
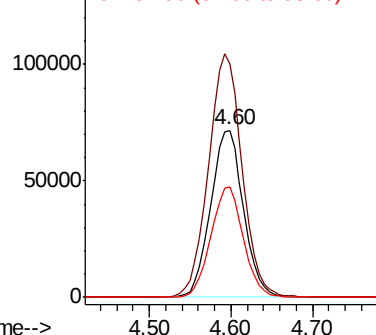
cis-1,2-Dichloroethene
Concen: 48.346 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	282.6
98	65.4	0.0	130.2



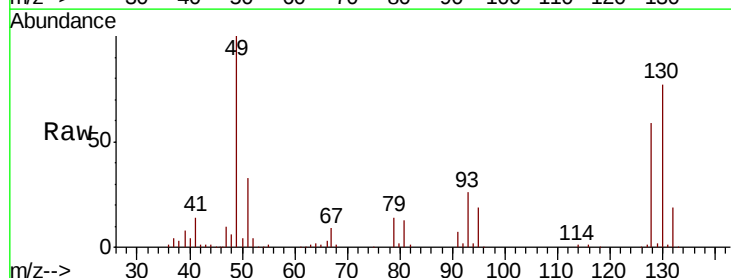
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



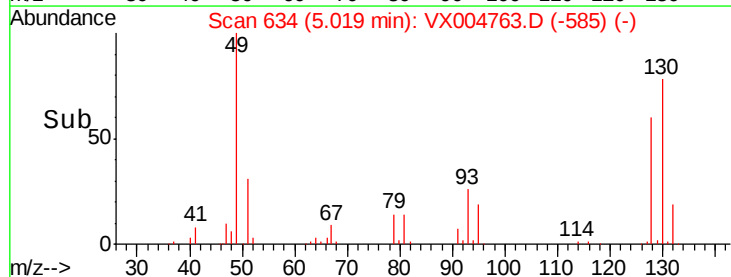
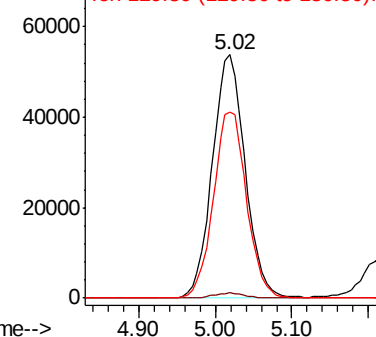
#28

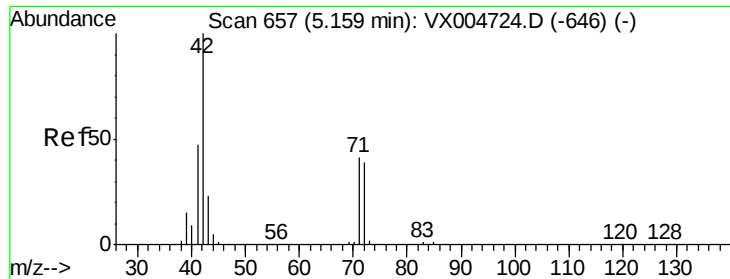
Bromochloromethane
Concen: 46.008 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	77.3	67.5	101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

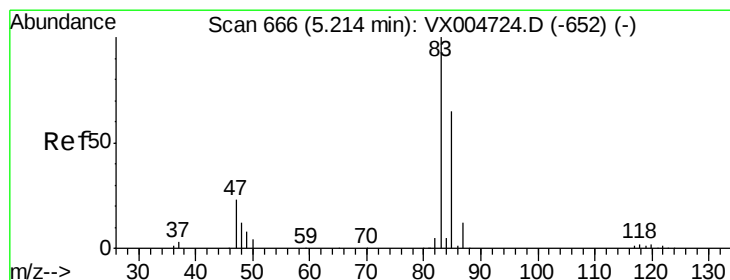
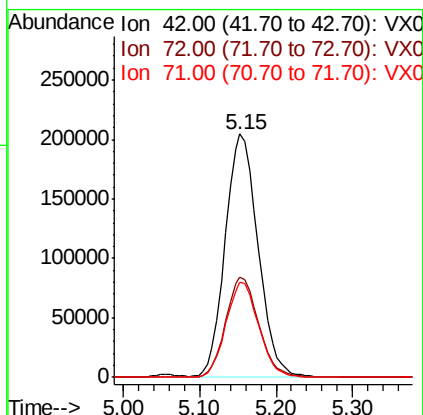
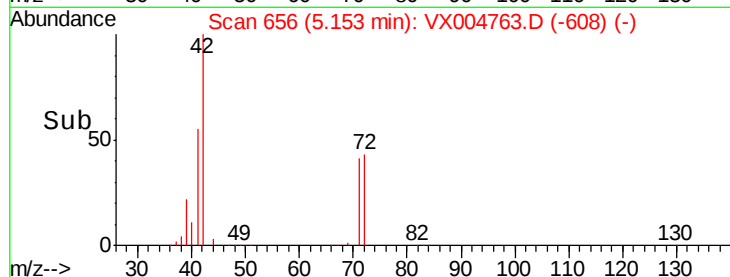
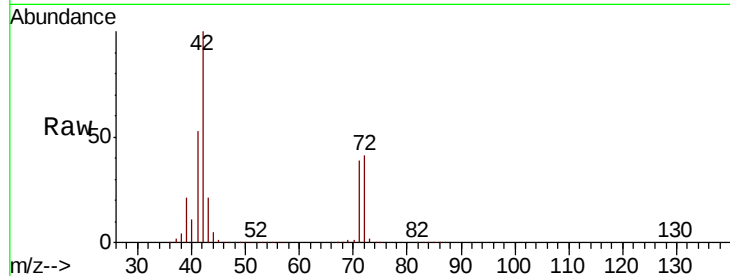




#29
Tetrahydrofuran
Concen: 253.844 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

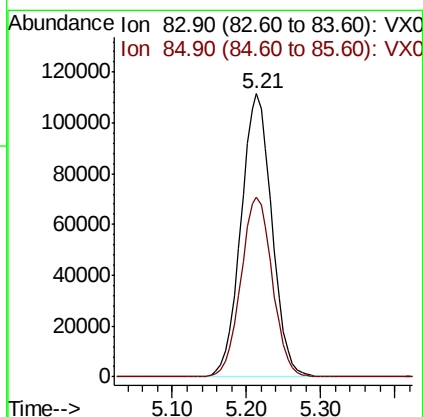
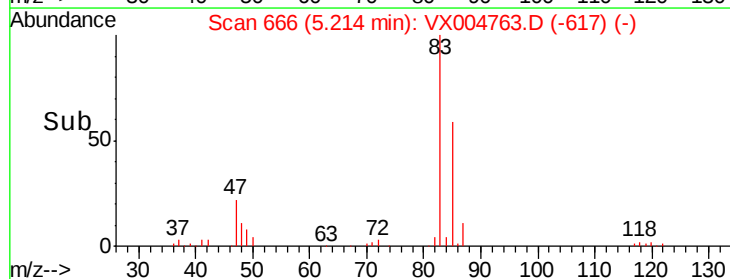
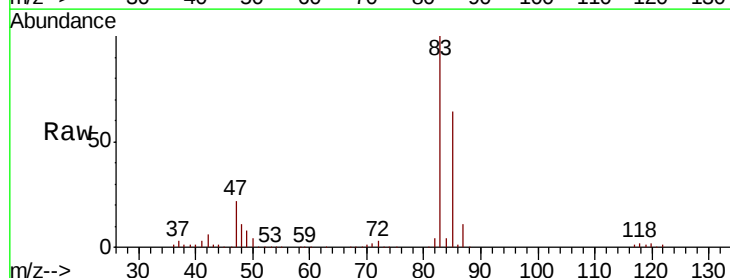
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

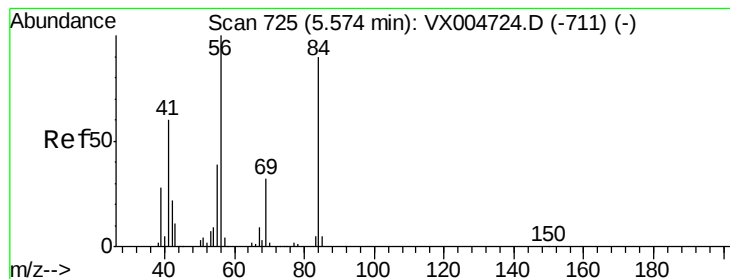
Tot Ion: 42 Resp: 605724
Ion Ratio Lower Upper
42 100
72 41.5 37.4 56.0
71 39.1 34.5 51.7



#30
Chloroform
Concen: 46.254 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 83 Resp: 324205
Ion Ratio Lower Upper
83 100
85 63.7 52.6 79.0





#31

Cyclohexane

Concen: 56.648 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

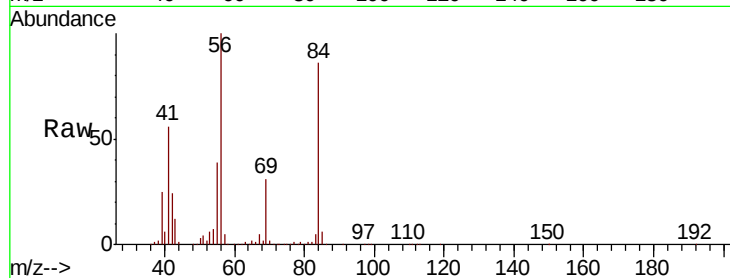
Tot Ion: 56 Resp: 321554

Ion Ratio Lower Upper

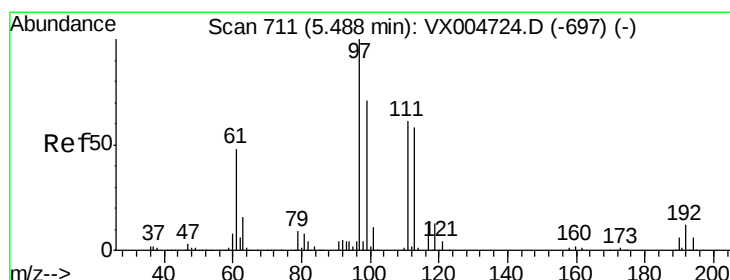
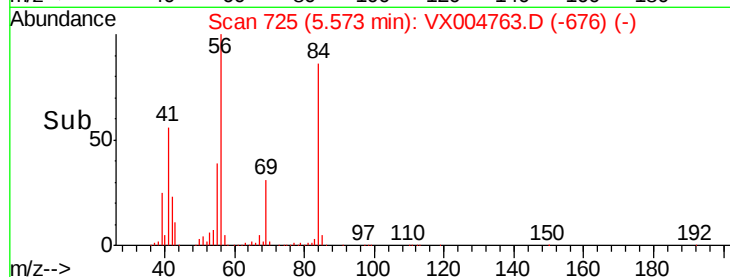
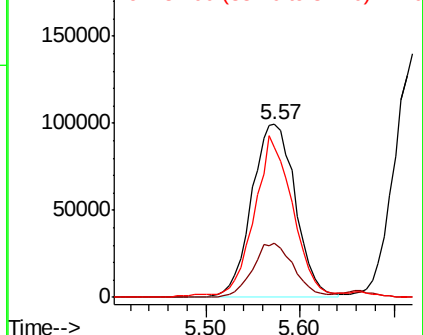
56 100

69 31.2 25.4 38.2

84 85.4 71.4 107.2



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: 48.269 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

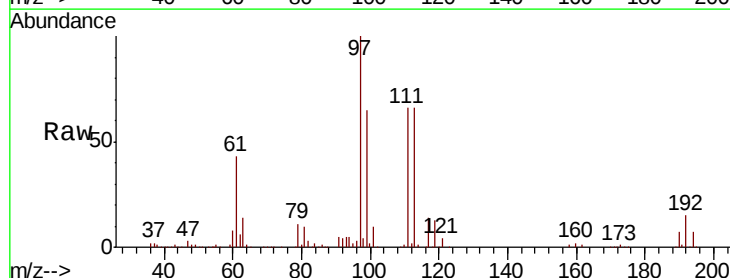
Tgt Ion: 97 Resp: 276304

Ion Ratio Lower Upper

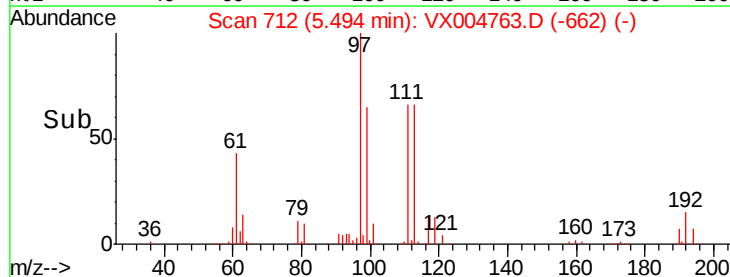
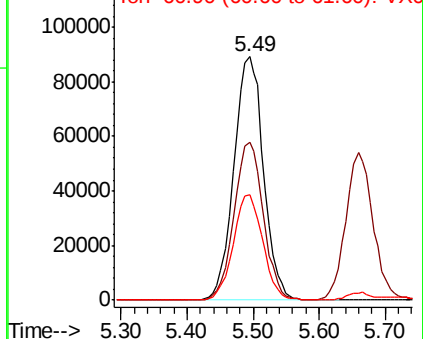
97 100

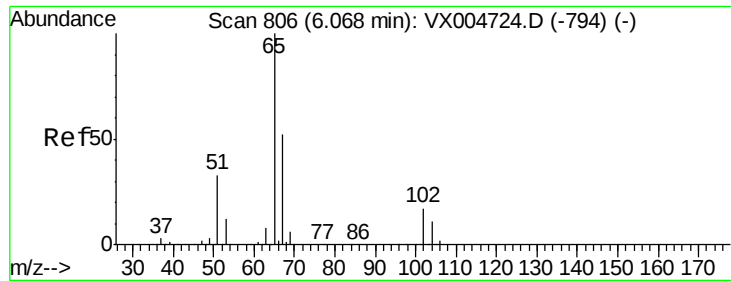
99 64.2 52.0 78.0

61 43.1 34.9 52.3



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: 47.377 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

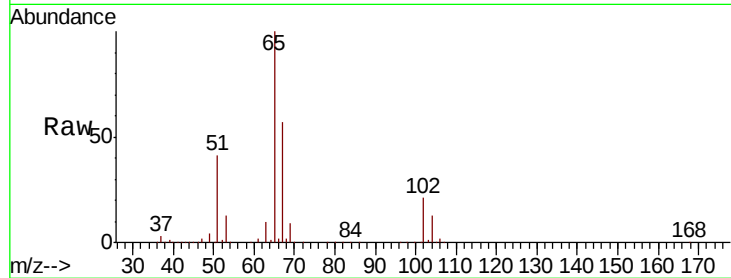
VSTDCCC050

Tot Ion: 65 Resp: 211363

Ion Ratio Lower Upper

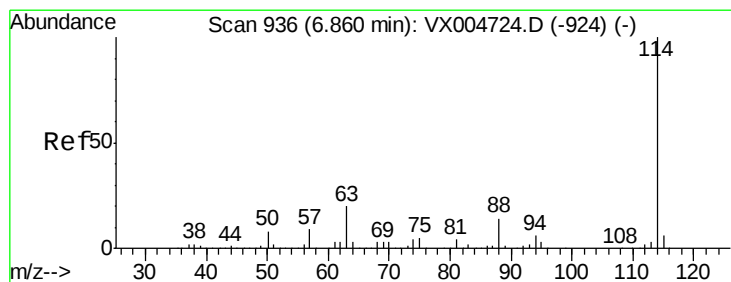
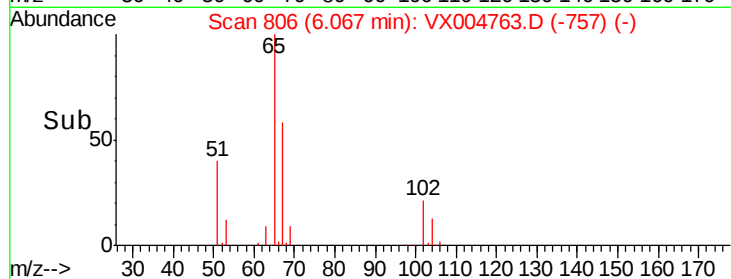
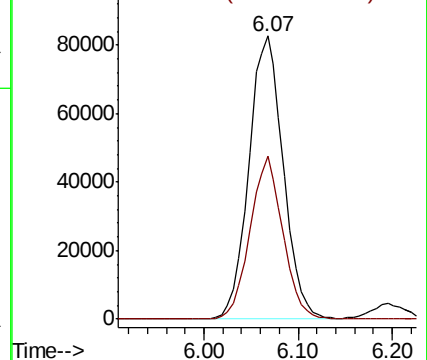
65 100

67 55.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

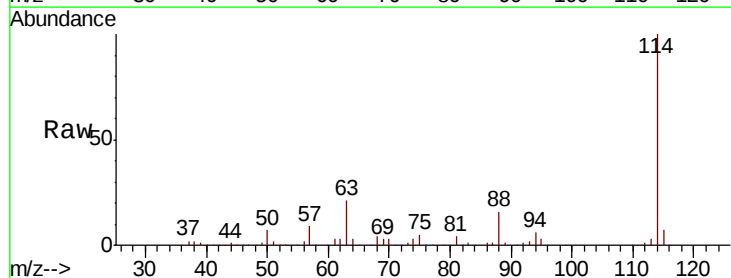
Tgt Ion: 114 Resp: 452297

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

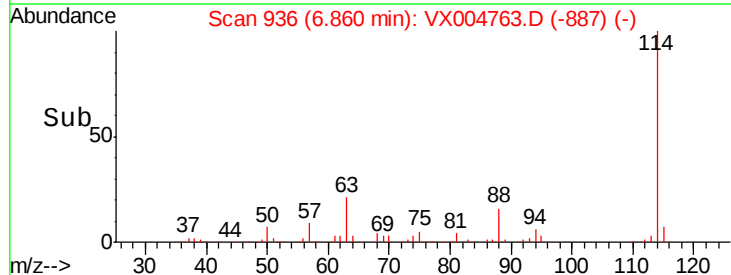
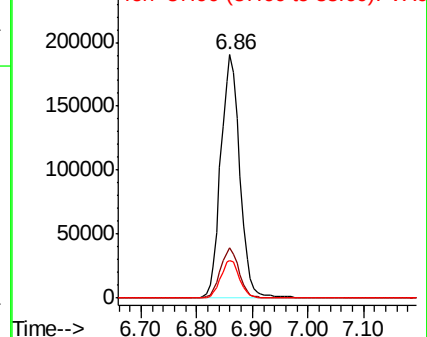
88 15.6 0.0 30.4

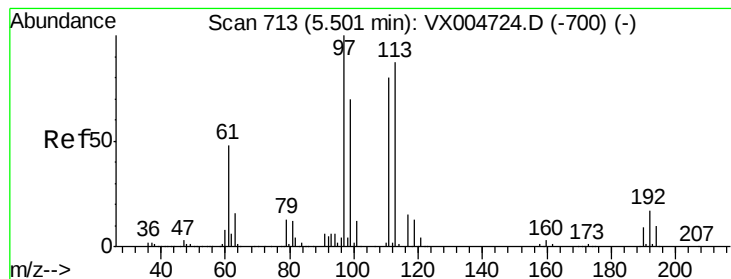


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.268 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

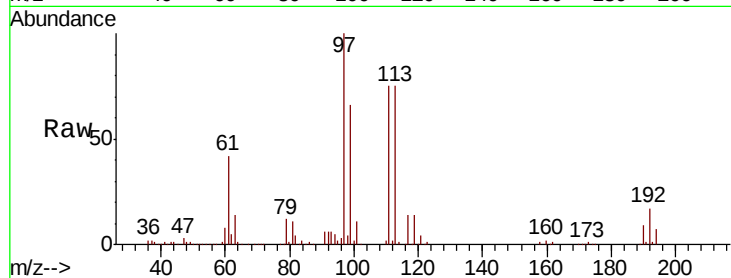
Tot Ion:113 Resp: 177359

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

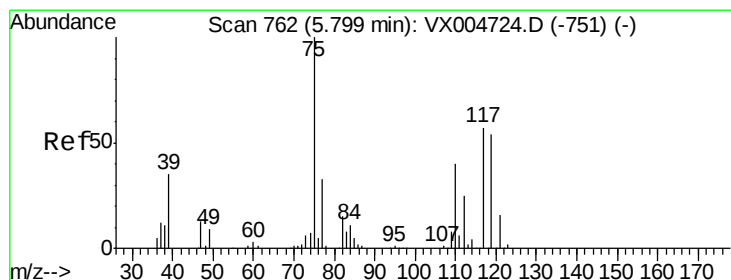
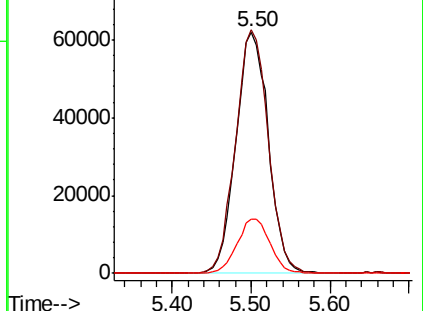
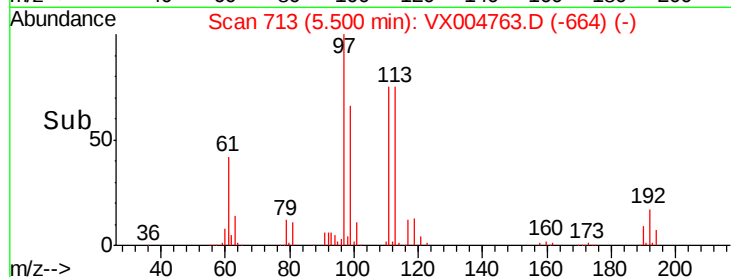
192 22.8 19.4 29.2



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: 48.142 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

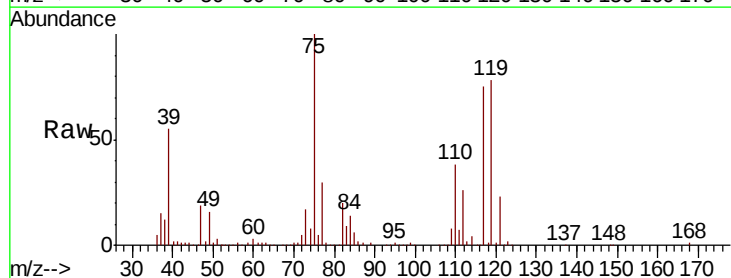
Tgt Ion: 75 Resp: 251785

Ion Ratio Lower Upper

75 100

110 36.3 18.0 54.0

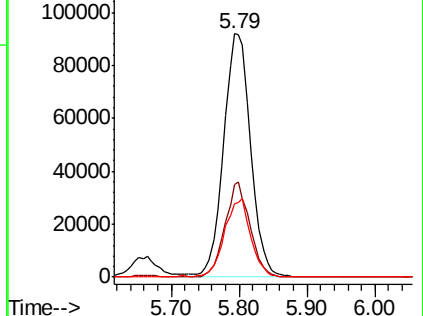
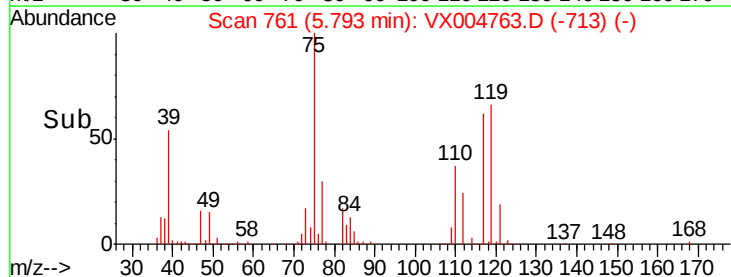
77 31.0 24.6 36.8

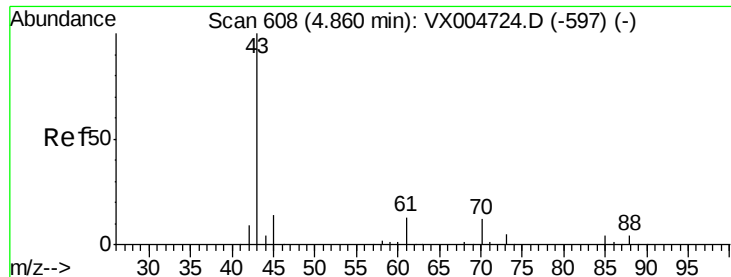


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

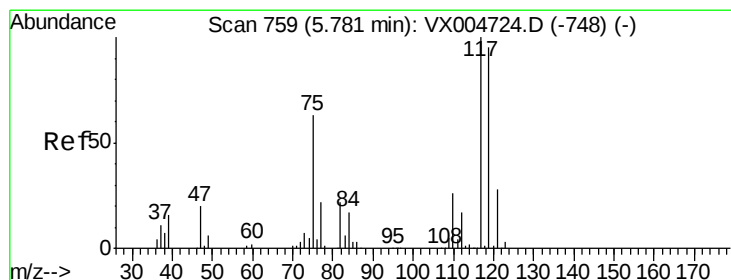
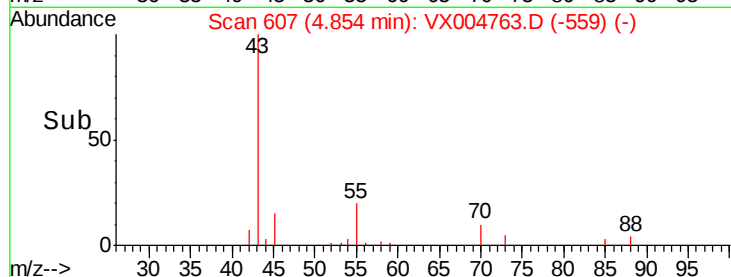
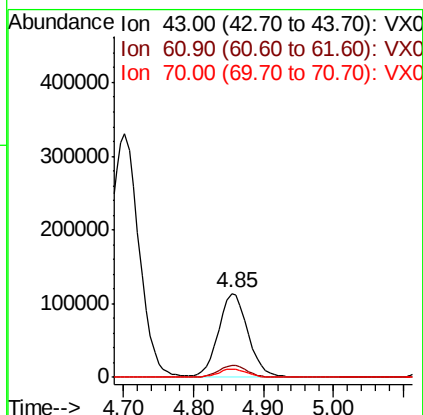
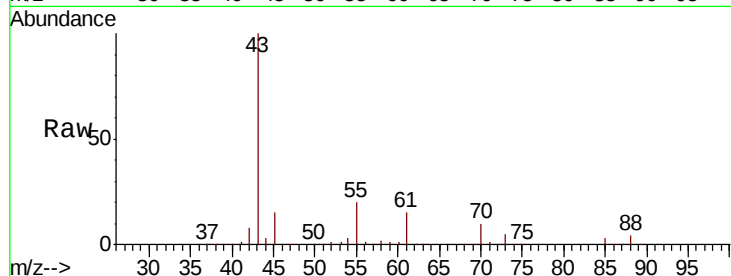




#37
Ethyl Acetate
Concen: 48.031 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

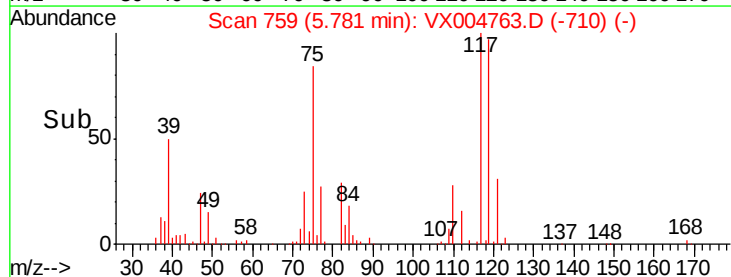
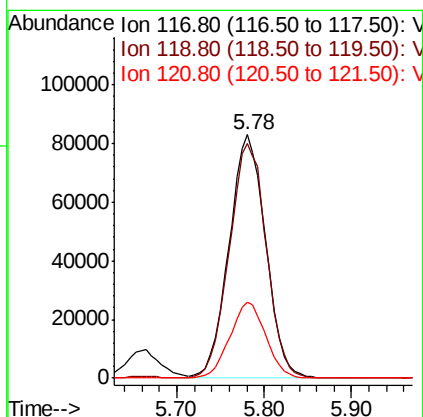
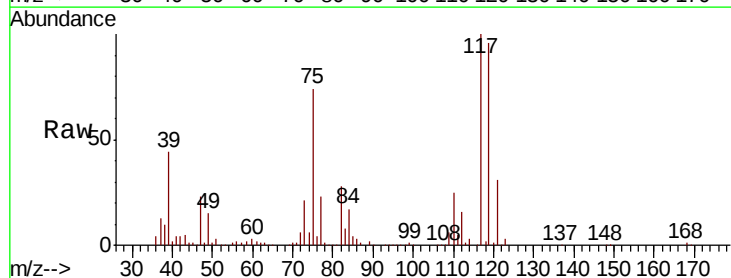
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

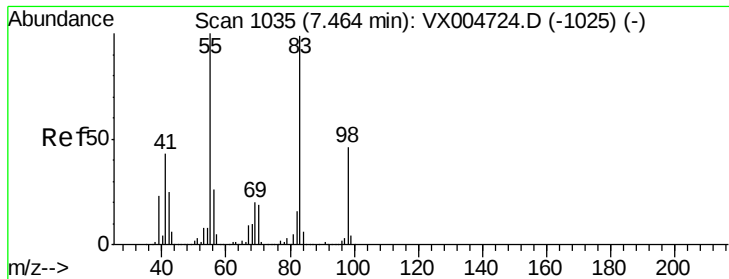
Tot Ion: 43 Resp: 333445
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 10.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 43.712 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 117 Resp: 240316
Ion Ratio Lower Upper
117 100
119 96.3 78.8 118.2
121 31.0 24.9 37.3

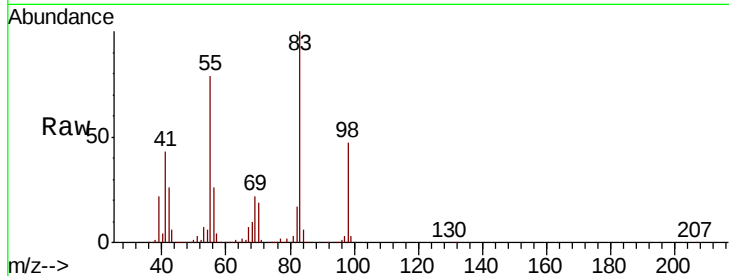




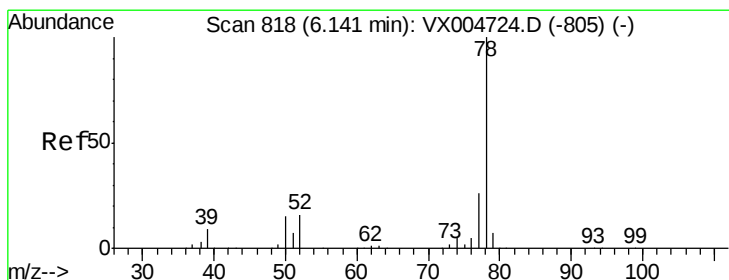
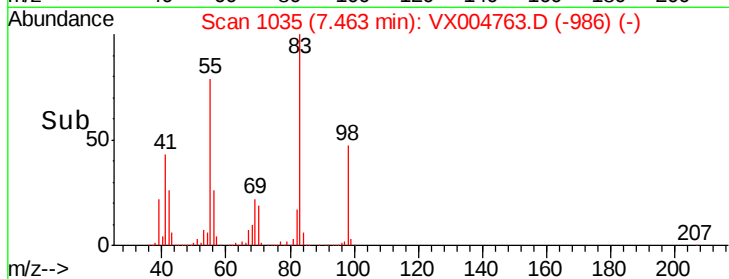
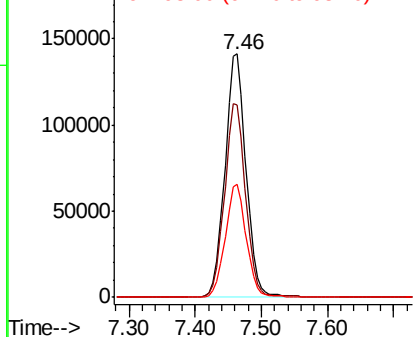
#39
Methvlcvclohexane
Concen: 58.600 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 312949
Ion Ratio Lower Upper
83 100
55 79.0 61.0 91.4
98 46.6 39.6 59.4

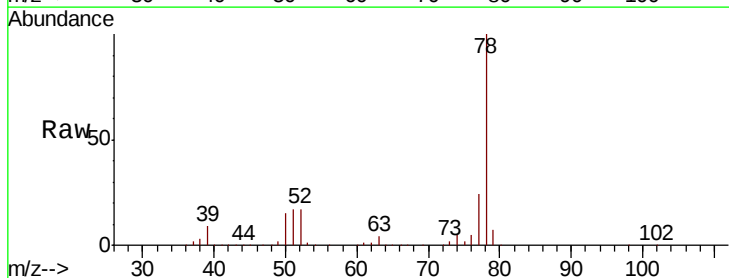


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

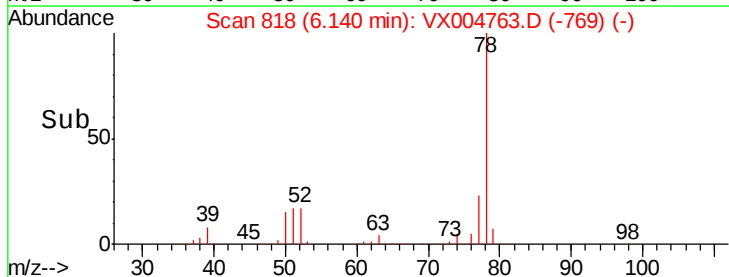
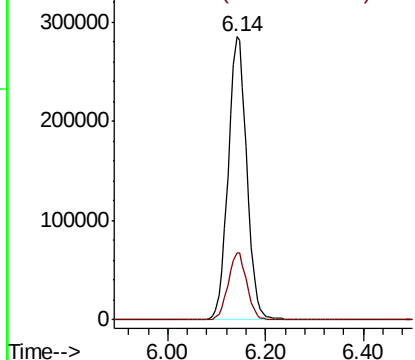


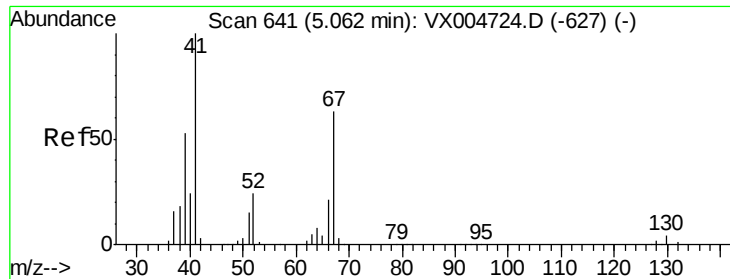
#40
Benzene
Concen: 45.890 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 78 Resp: 751387
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



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





#41

Methacrylonitrile

Concen: 48.268 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 185836

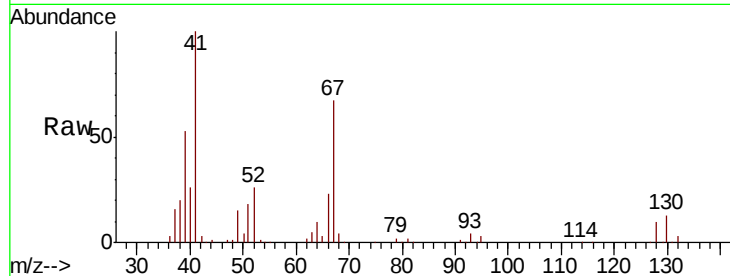
Ion Ratio Lower Upper

41 100

39 52.5 42.4 63.6

67 68.5 59.2 88.8

52 27.2 23.0 34.4

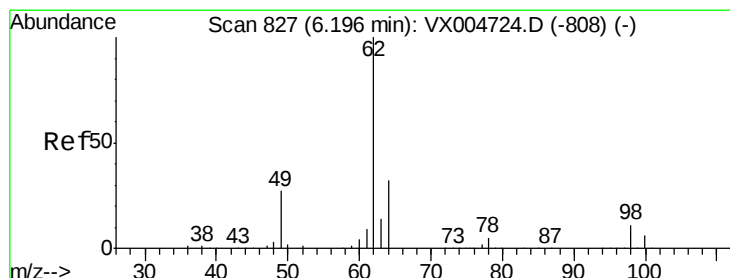
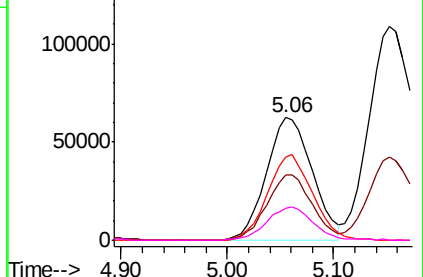
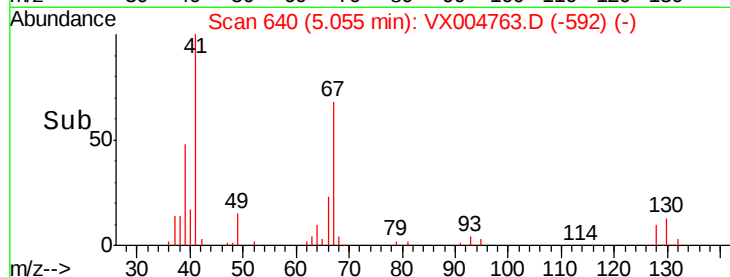


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.069 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004763.D

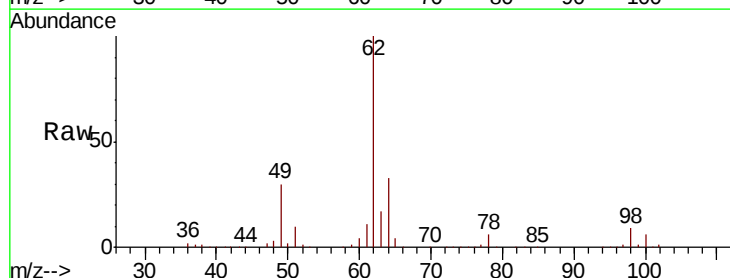
Acq: 27 Sep 2018 10:08

Tgt Ion: 62 Resp: 266658

Ion Ratio Lower Upper

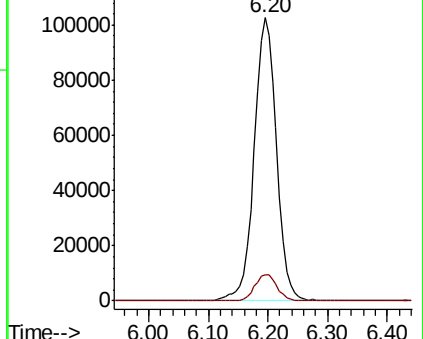
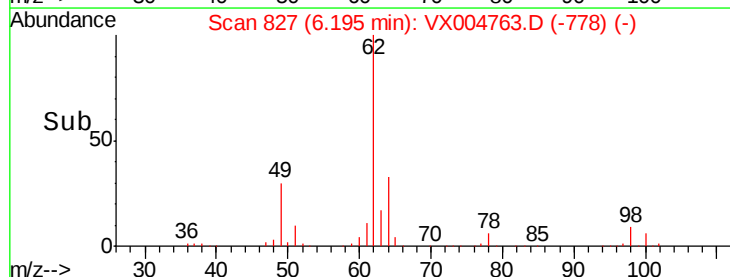
62 100

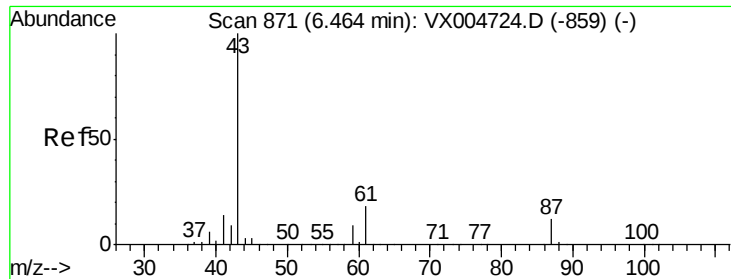
98 9.2 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.419 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

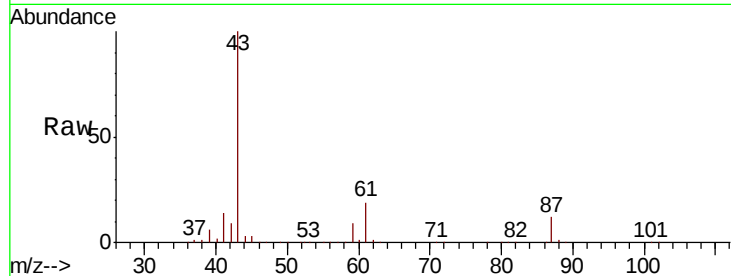
Tot Ion: 43 Resp: 515233

Ion Ratio Lower Upper

43 100

61 20.4 17.0 25.4

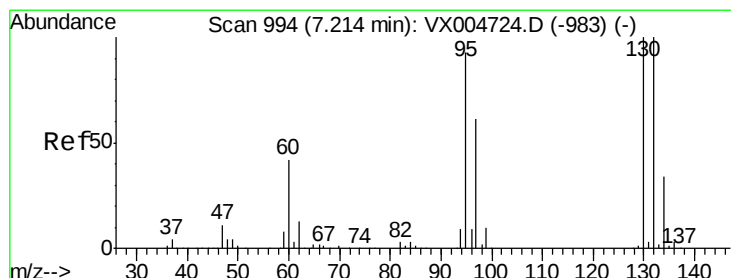
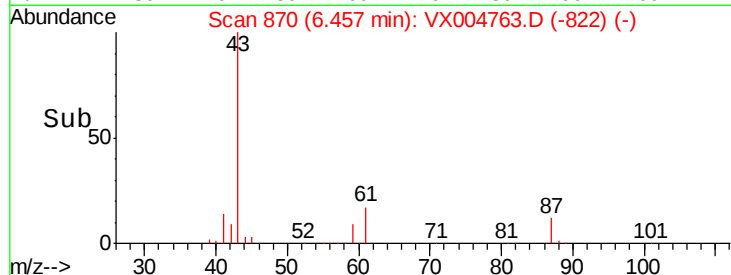
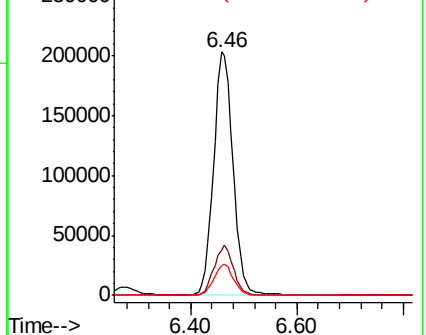
87 12.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.554 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004763.D

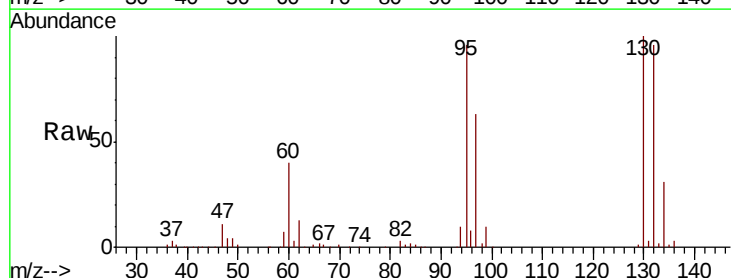
Acq: 27 Sep 2018 10:08

Tgt Ion:130 Resp: 203488

Ion Ratio Lower Upper

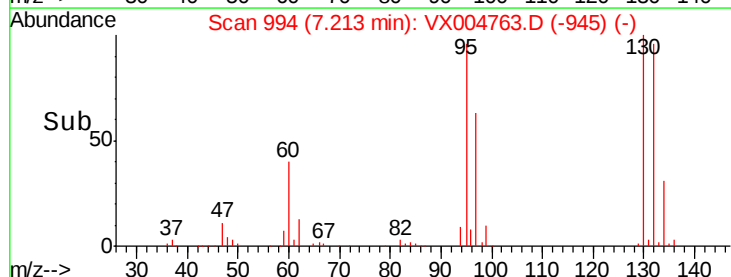
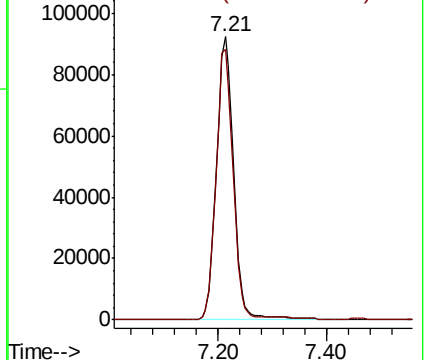
130 100

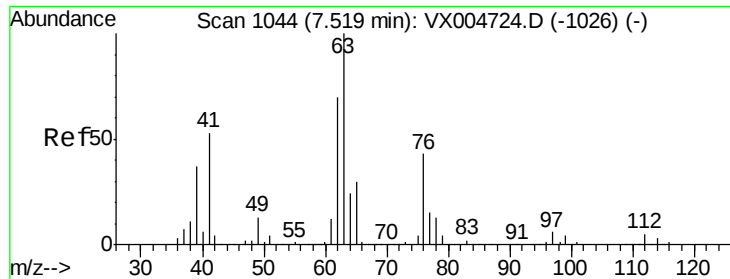
95 95.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.613 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

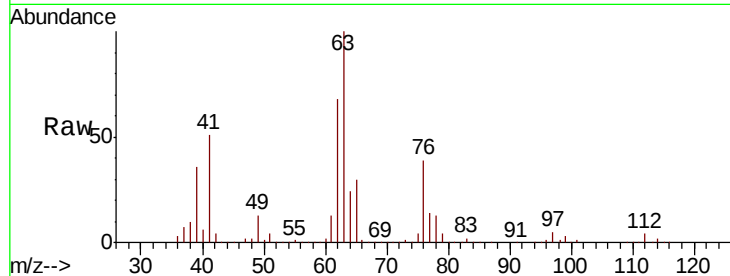
VSTDCCC050

Tot Ion: 63 Resp: 203227

Ion Ratio Lower Upper

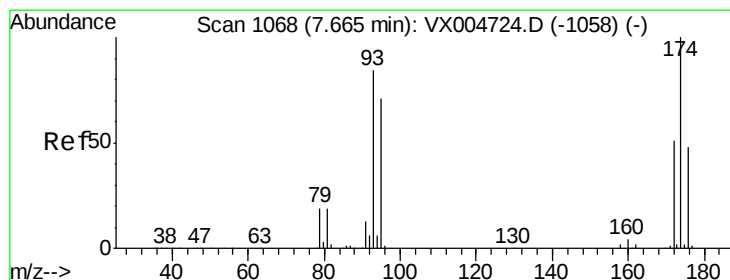
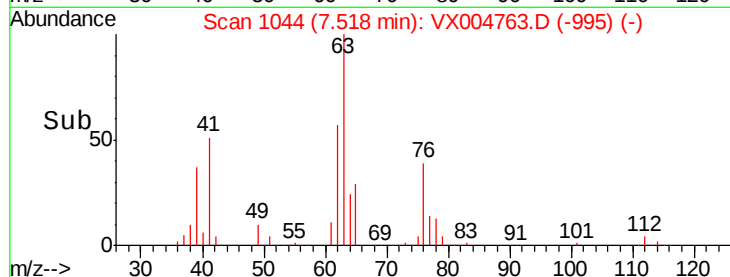
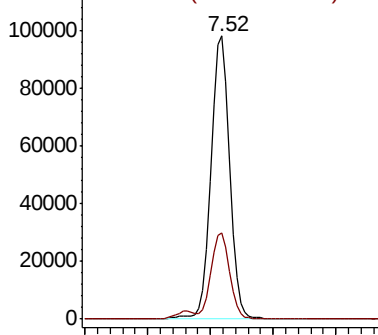
63 100

65 30.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.394 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

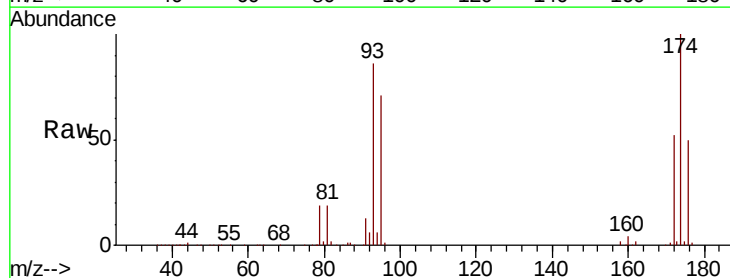
Tgt Ion: 93 Resp: 129690

Ion Ratio Lower Upper

93 100

95 83.6 65.5 98.3

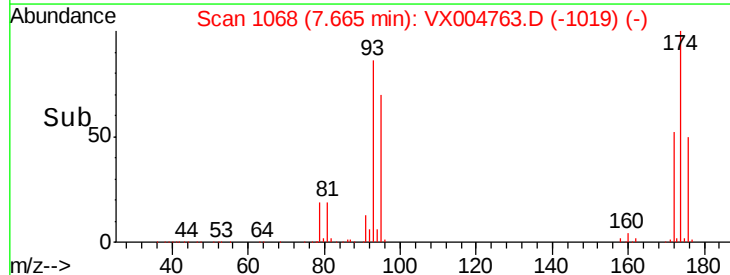
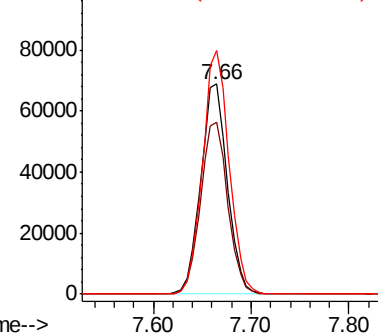
174 116.0 94.2 141.4

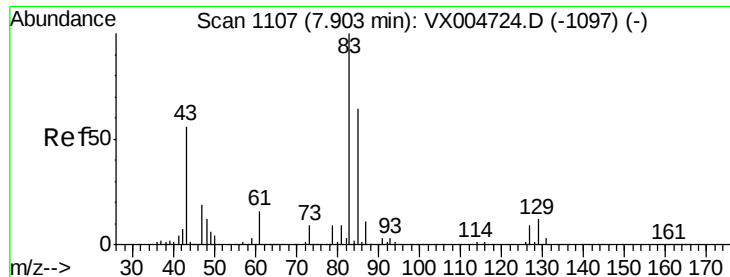


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.036 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

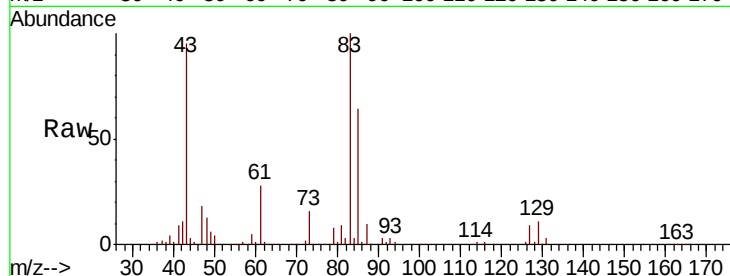
Tot Ion: 83 Resp: 245848

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3

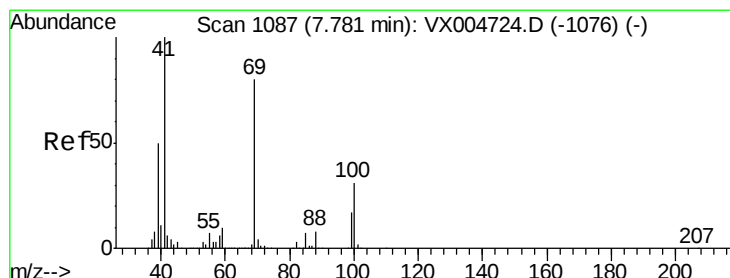
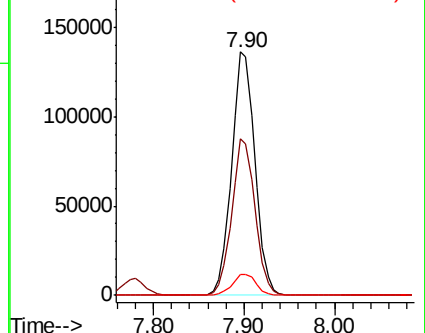
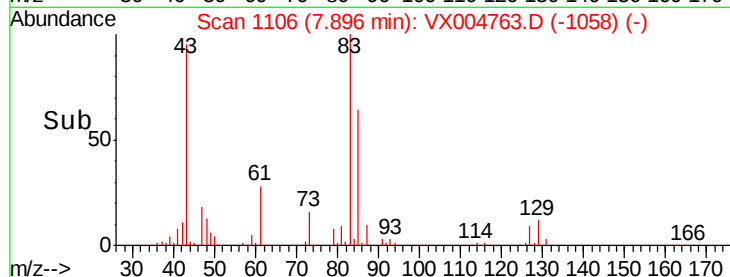
127 8.6 7.3 10.9



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: 58.260 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

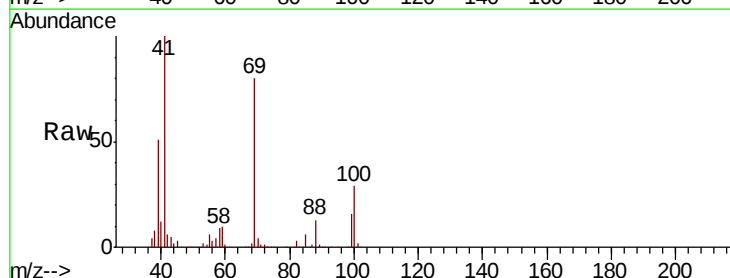
Tgt Ion: 41 Resp: 264970

Ion Ratio Lower Upper

41 100

69 81.0 70.2 105.4

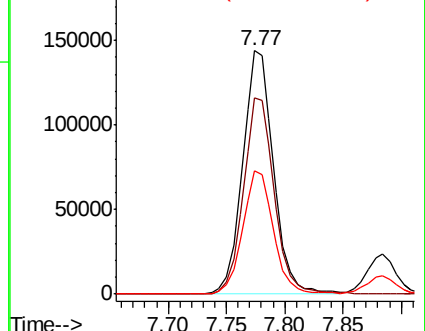
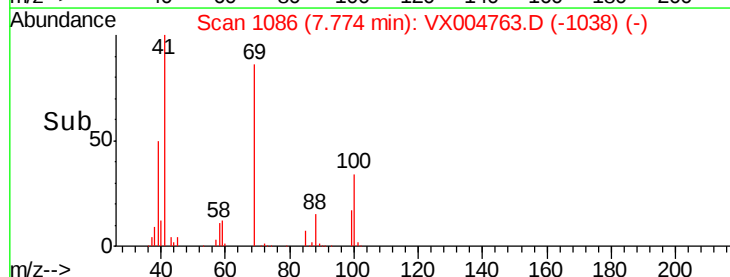
39 50.4 42.7 64.1

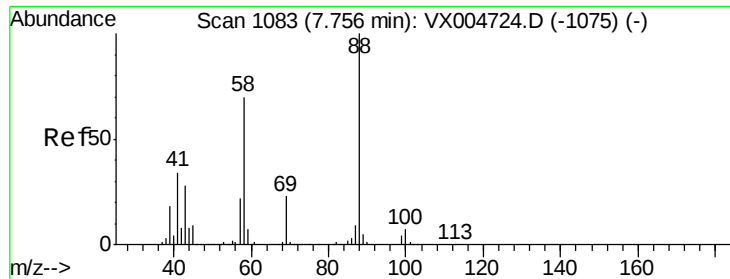


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



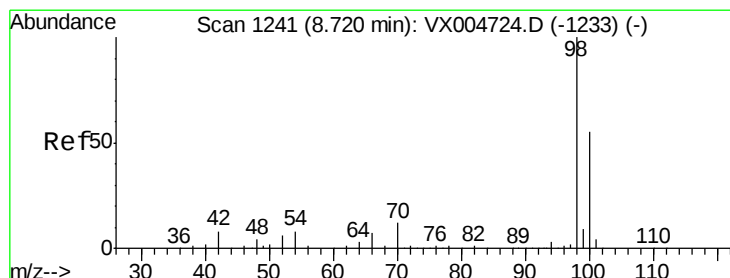
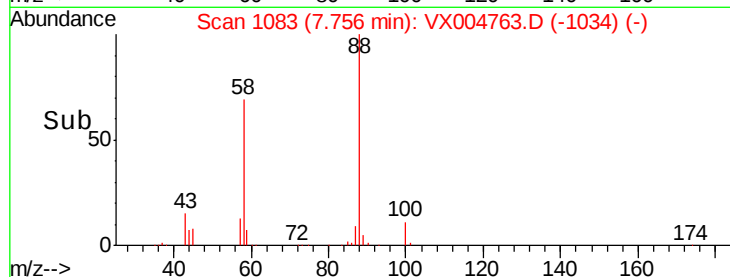
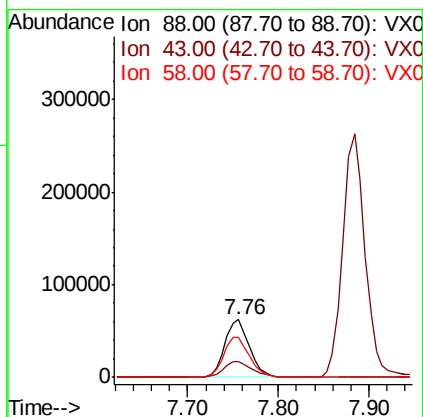
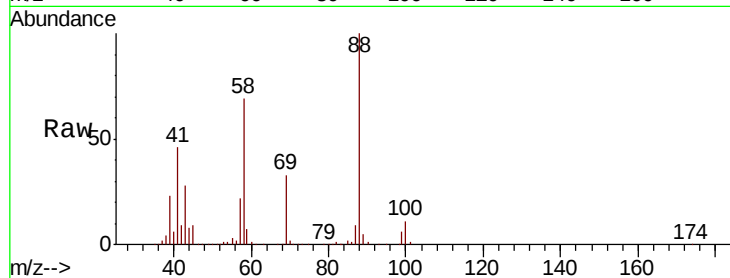


#49
 1,4-Dioxane
 Concen: 1049.256 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 118556

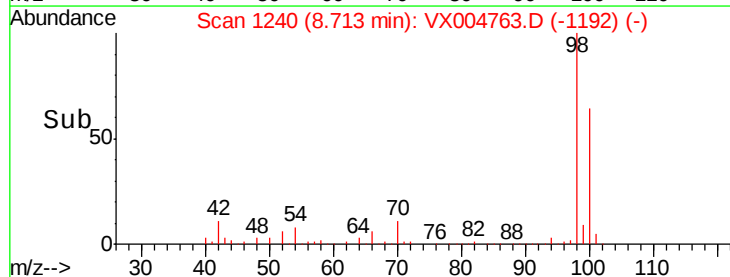
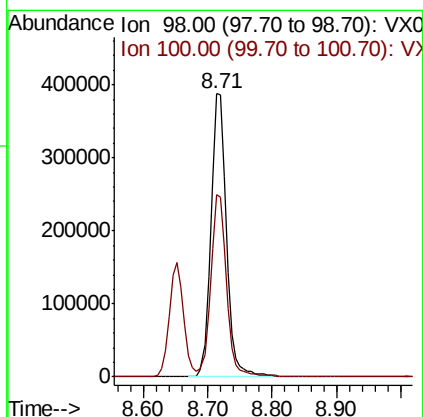
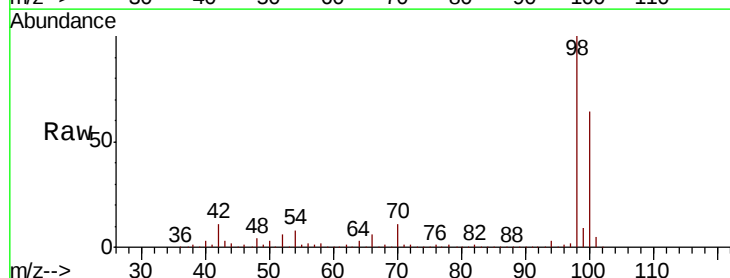
Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.7	37.1
58	72.8	55.3	82.9

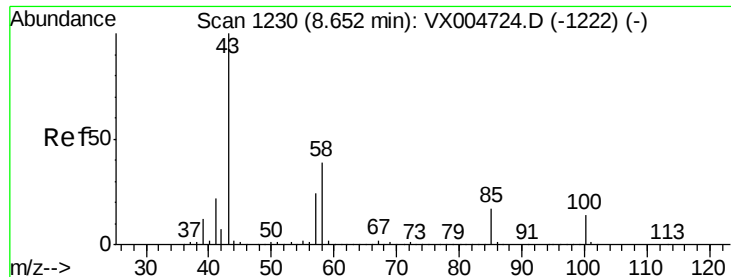


#50
 Toluene-d8
 Concen: 51.840 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion: 98 Resp: 660634

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 277.984 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

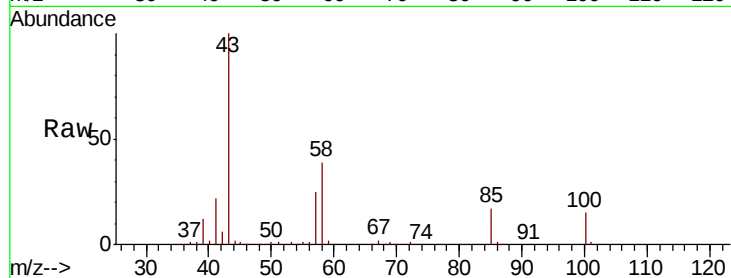
VSTDCCC050

Tot Ion: 43 Resp: 1753850

Ion Ratio Lower Upper

43 100

58 39.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-1222) (-)

Ion 58.00 (57.70 to 58.70): VX004724.D (-1222) (-)

8.65

1200000

1000000

800000

600000

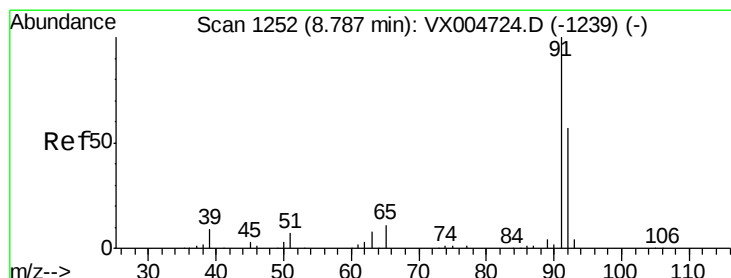
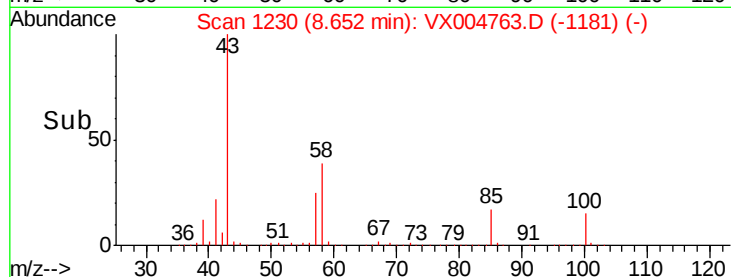
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 51.897 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004763.D

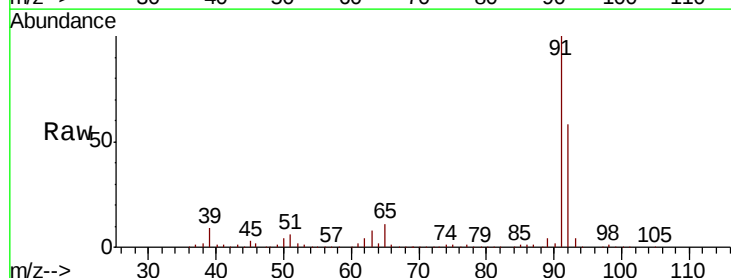
Acq: 27 Sep 2018 10:08

Tgt Ion: 92 Resp: 466915

Ion Ratio Lower Upper

92 100

91 173.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX004724.D (-1239) (-)

Ion 91.00 (90.70 to 91.70): VX004724.D (-1239) (-)

8.79

600000

500000

400000

300000

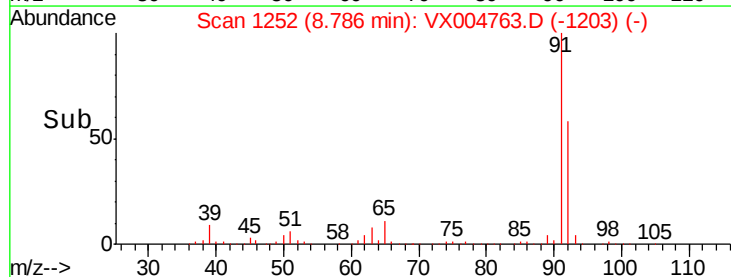
200000

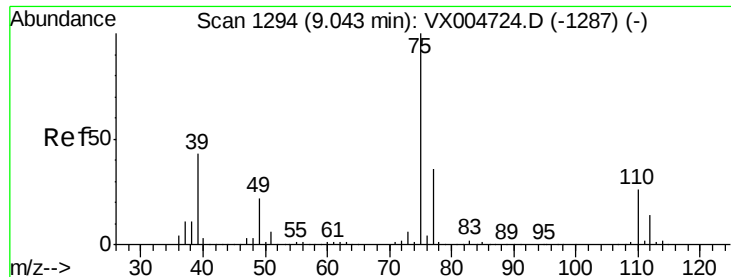
100000

0

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.079 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

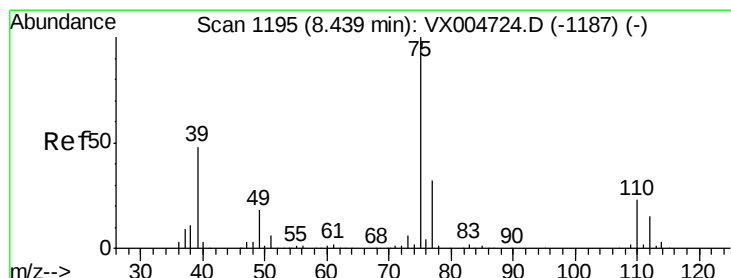
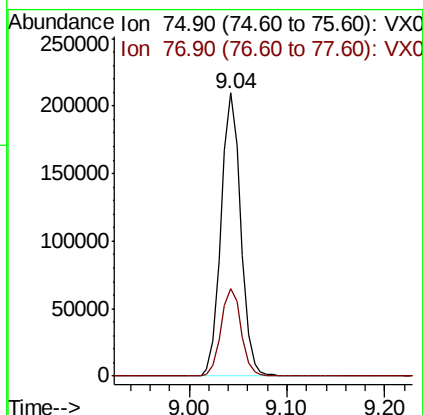
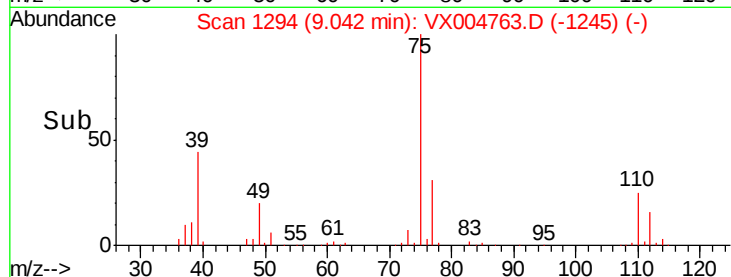
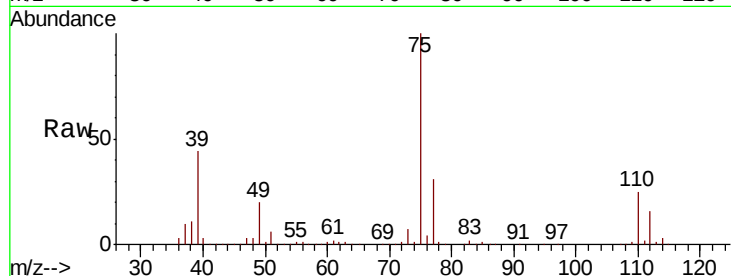
VSTDCCC050

Tot Ion: 75 Resp: 294067

Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 56.641 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

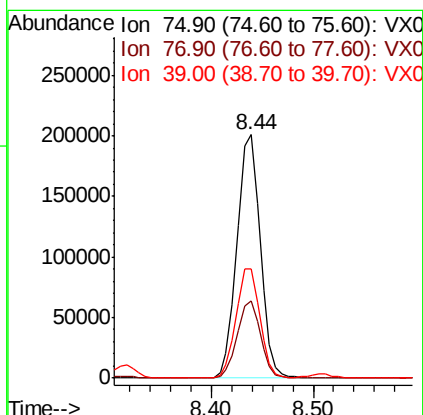
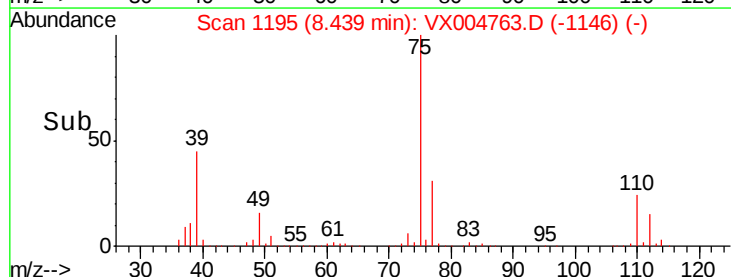
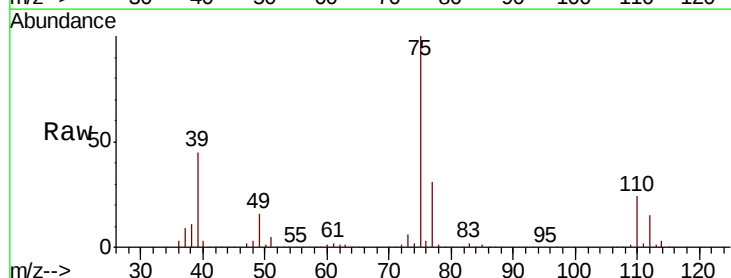
Tgt Ion: 75 Resp: 316749

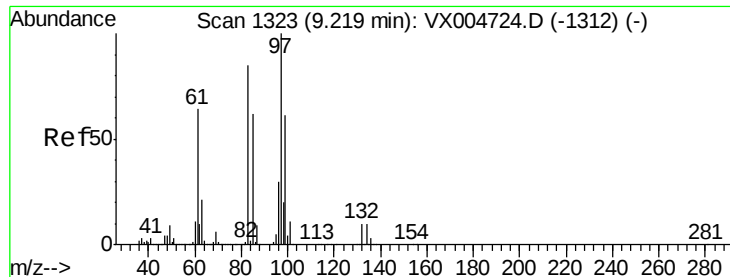
Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

39 44.9 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 49.318 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 194360

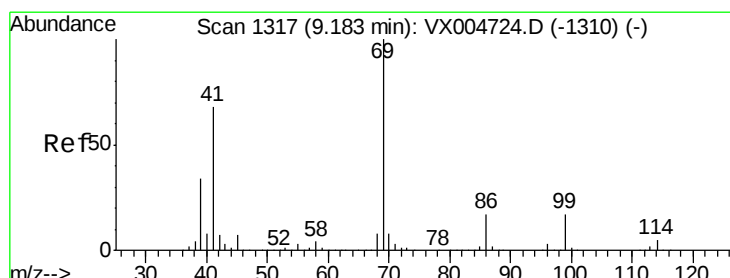
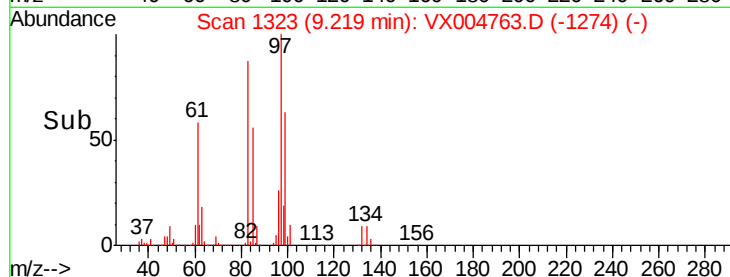
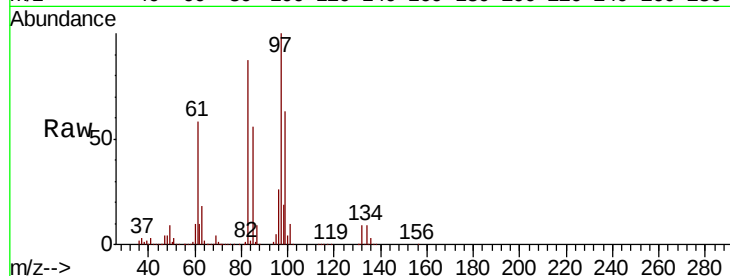
Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.4	99.6
85	55.9	43.3	64.9
99	62.6	49.0	73.4

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: 51.118 ug/l

RT: 9.18 min Scan# 1317

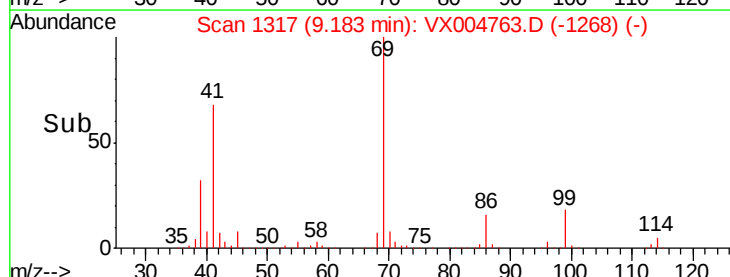
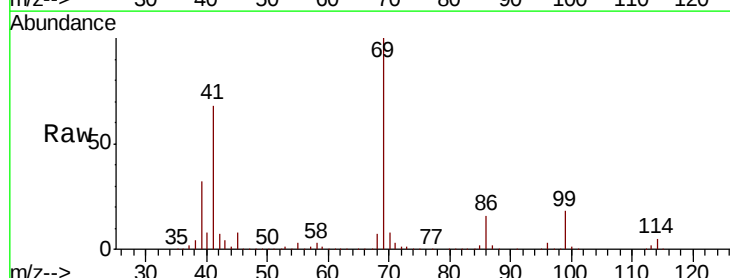
Delta R.T. 0.00 min

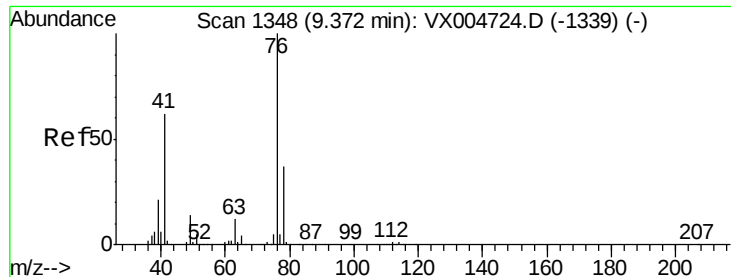
Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion: 69 Resp: 327343

Ion	Ratio	Lower	Upper
69	100		
41	68.3	51.0	76.4
39	32.5	26.1	39.1





#57

1,3-Dichloropropane

Concen: 50.226 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampled :

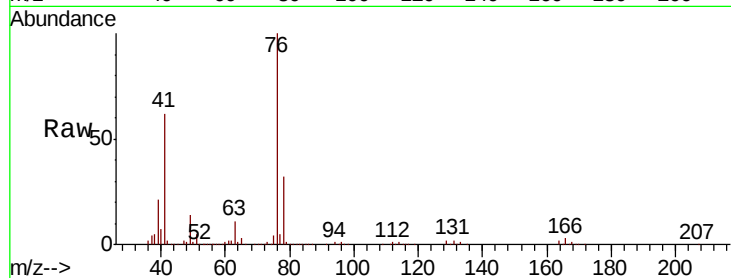
VSTDCCC050

Tot Ion: 76 Resp: 329434

Ion Ratio Lower Upper

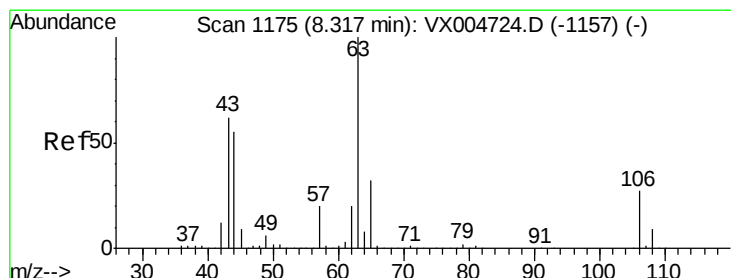
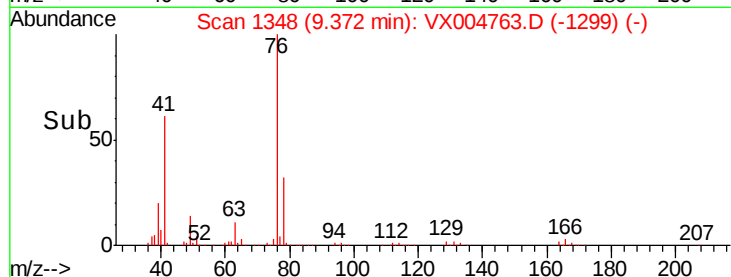
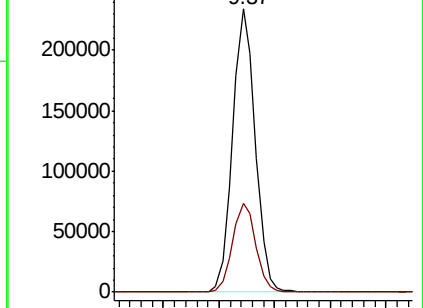
76 100

78 32.0 25.5 38.3



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: 274.803 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004763.D

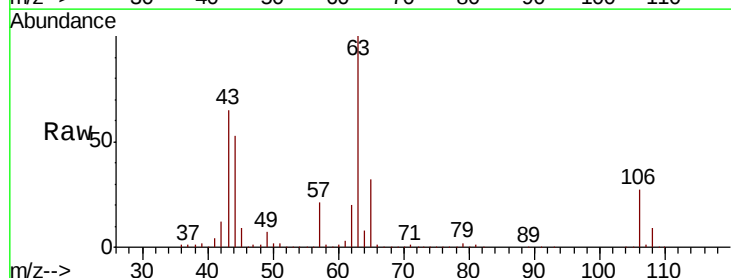
Acq: 27 Sep 2018 10:08

Tgt Ion: 63 Resp: 938243

Ion Ratio Lower Upper

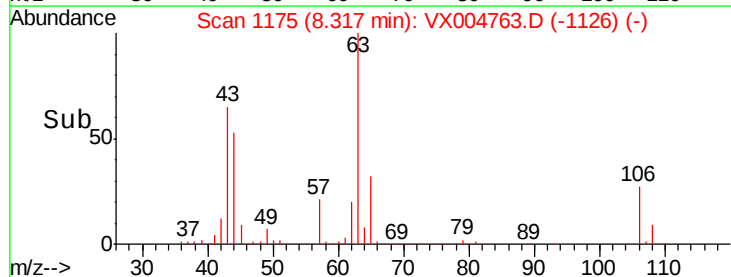
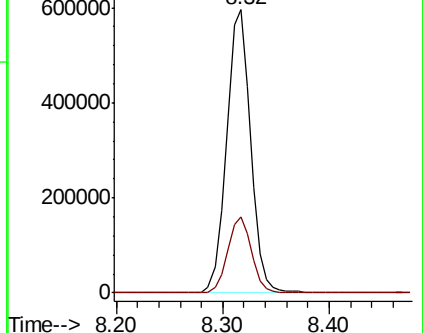
63 100

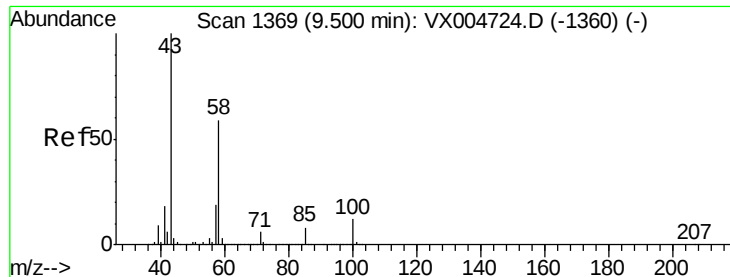
106 26.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

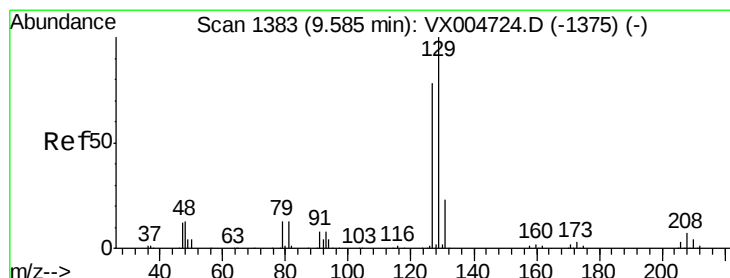
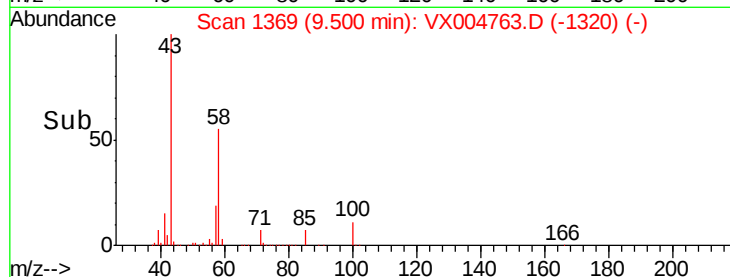
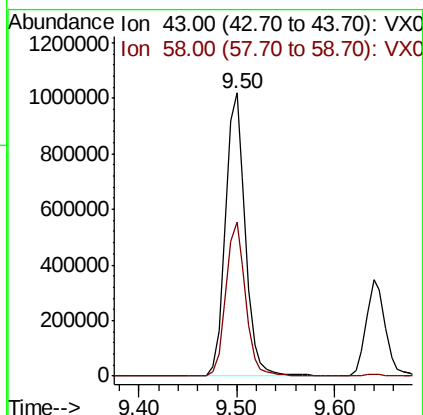
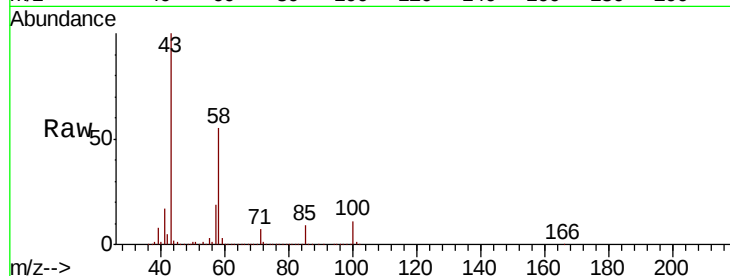




#59
2-Hexanone
Concen: 272.119 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

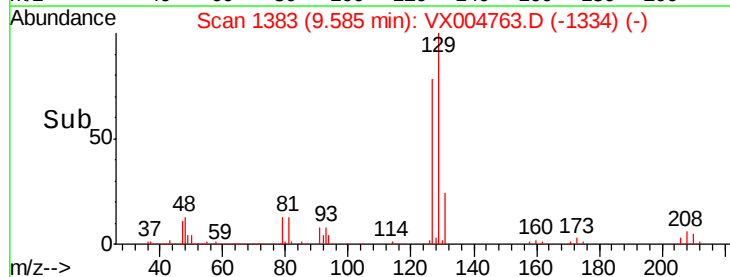
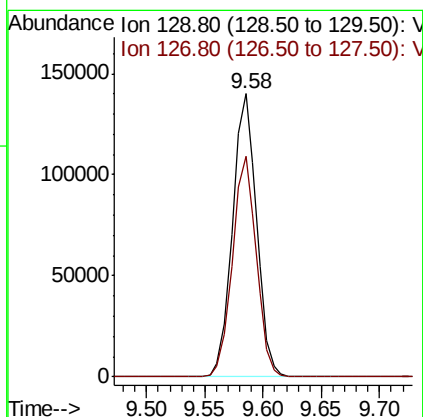
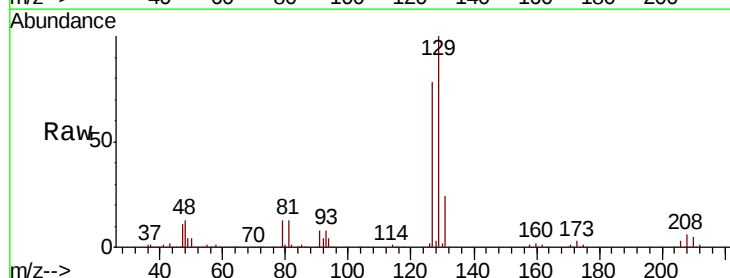
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

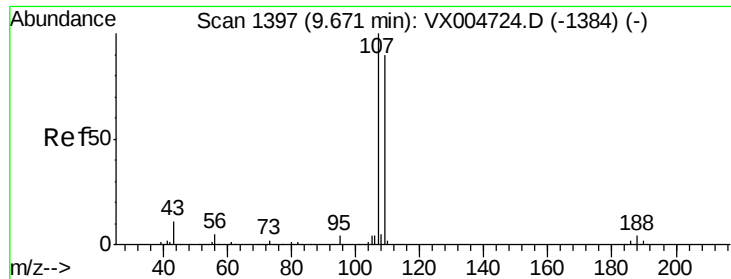
Tot Ion: 43 Resp: 1430681
Ion Ratio Lower Upper
43 100
58 54.1 29.0 87.0



#60
Dibromochloromethane
Concen: 51.180 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 129 Resp: 201716
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.798 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

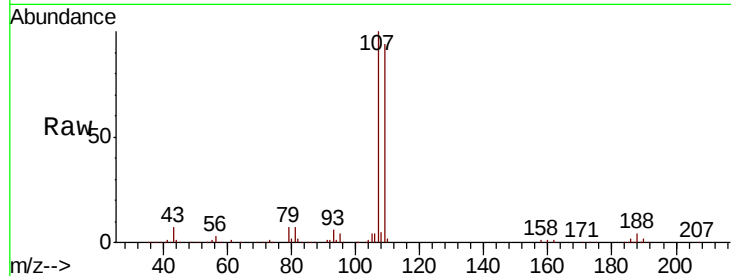
VSTDCCC050

Tot Ion:107 Resp: 205956

Ion Ratio Lower Upper

107 100

109 93.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

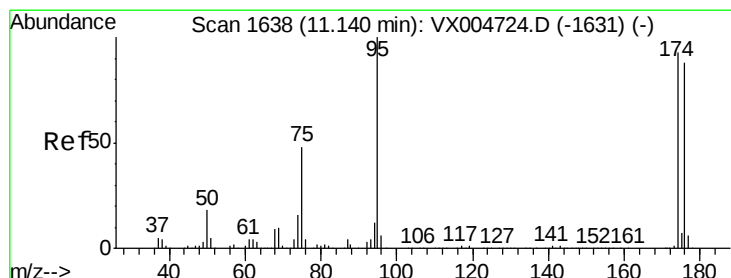
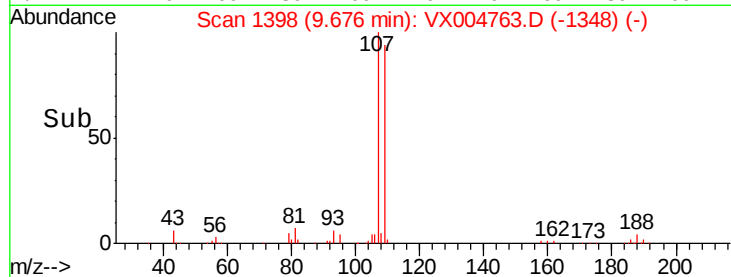
100000

50000

0

9.60 9.68 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 54.097 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

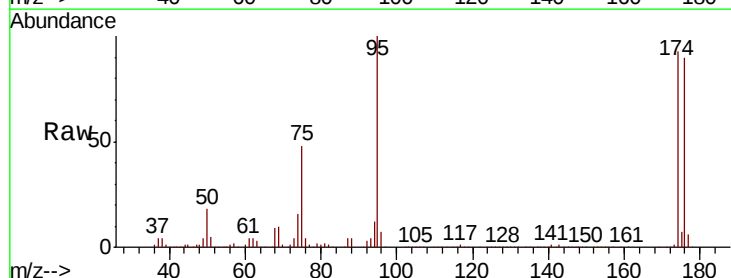
Tgt Ion: 95 Resp: 248357

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.2

176 89.1 0.0 178.6



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

250000

200000

150000

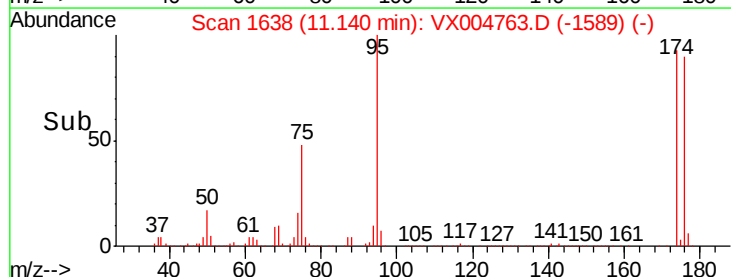
100000

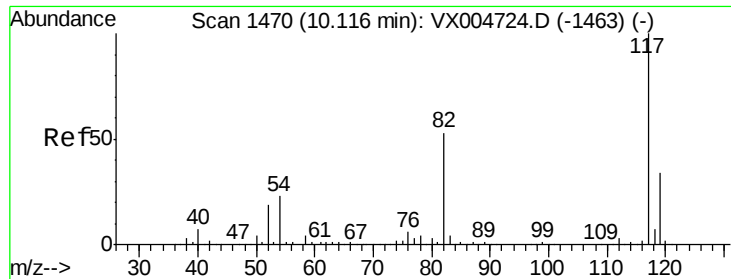
50000

0

11.10 11.14 11.20

Time-->

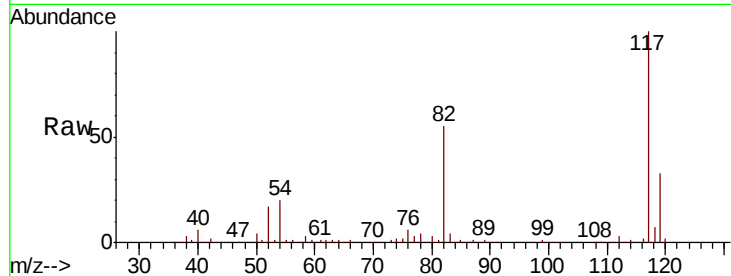




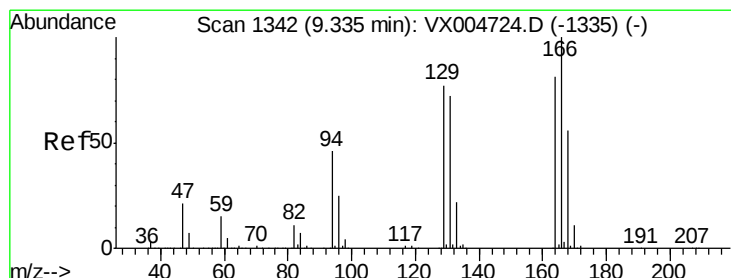
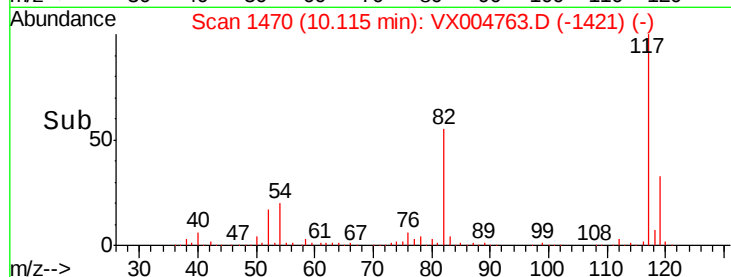
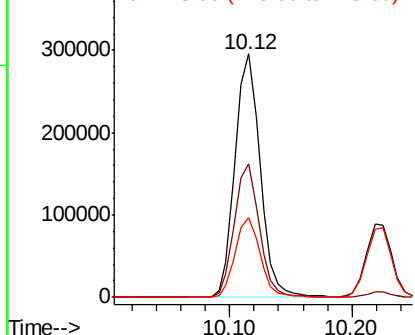
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 422330
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.6
119 32.6 29.3 43.9

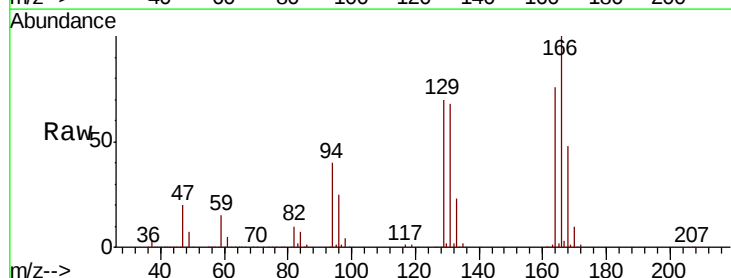


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

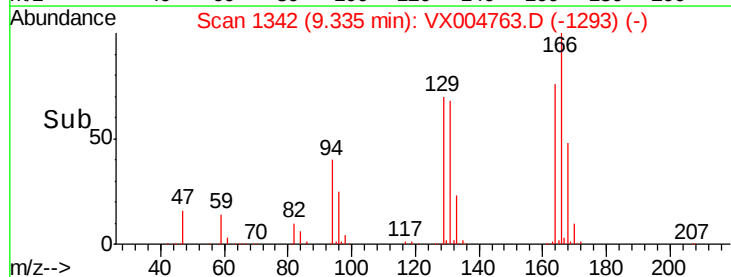
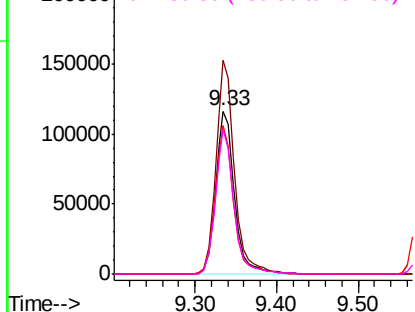


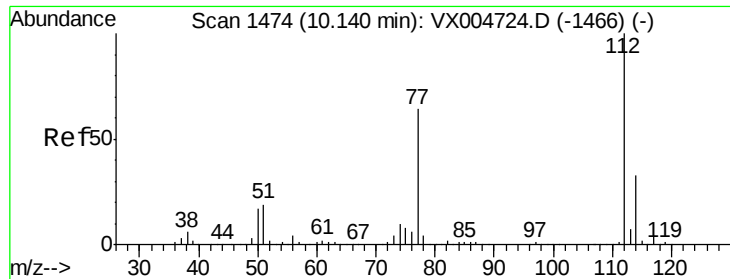
#64
Tetrachloroethene
Concen: 45.549 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion:164 Resp: 189333
Ion Ratio Lower Upper
164 100
166 130.9 102.8 154.2
129 91.4 69.4 104.0
131 88.7 67.9 101.9



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

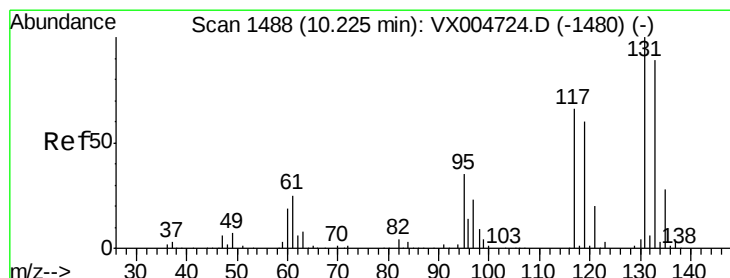
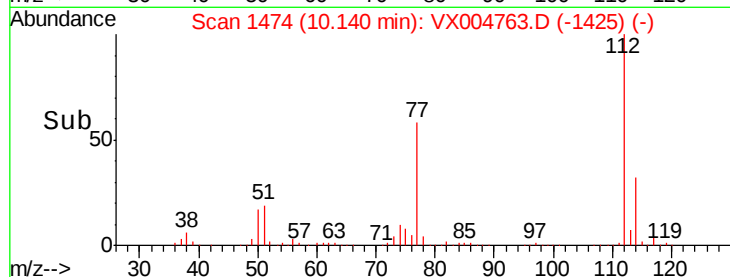
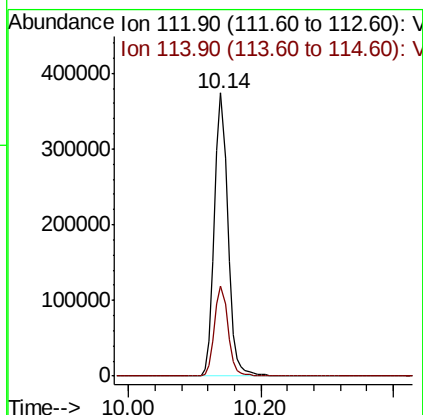
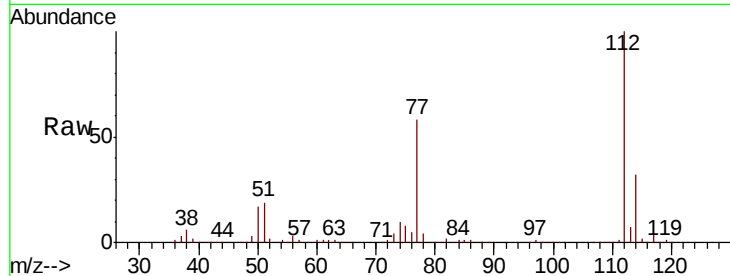




#65
Chlorobenzene
Concen: 48.507 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

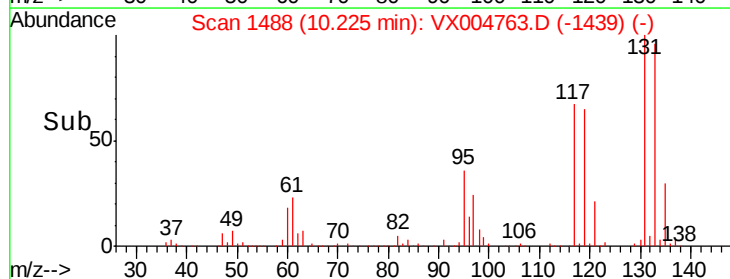
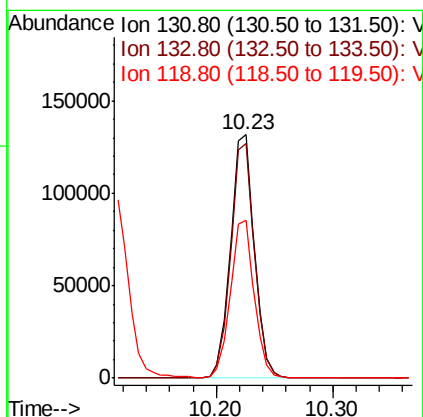
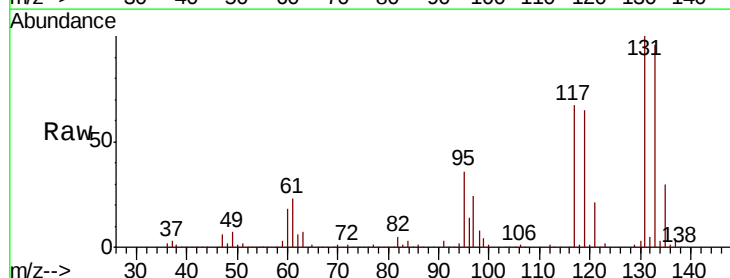
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

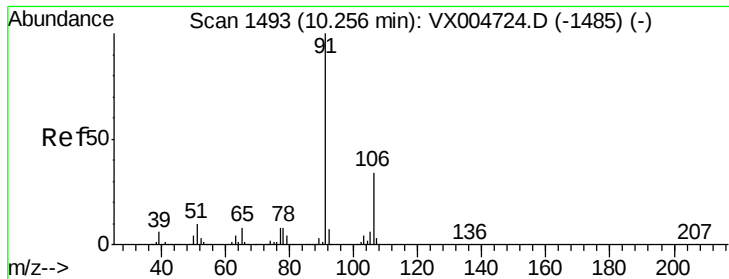
Tot Ion:112 Resp: 525321
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.207 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion:131 Resp: 187345
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 64.7 32.9 98.6





#67

Ethyl Benzene

Concen: 52.105 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampled :

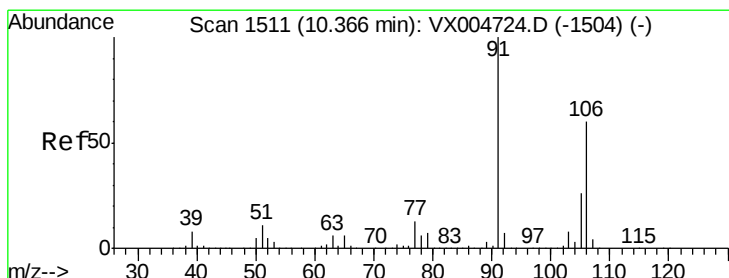
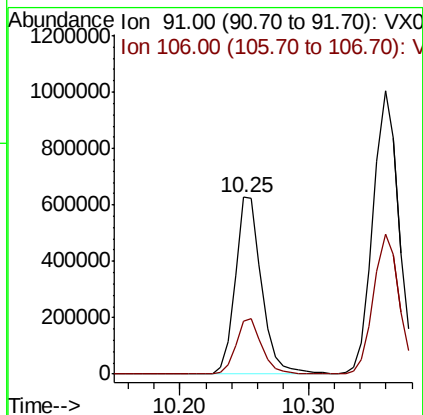
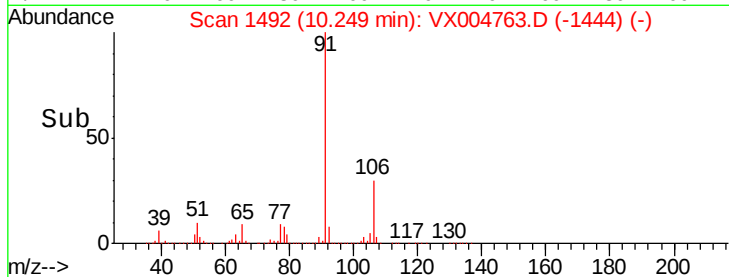
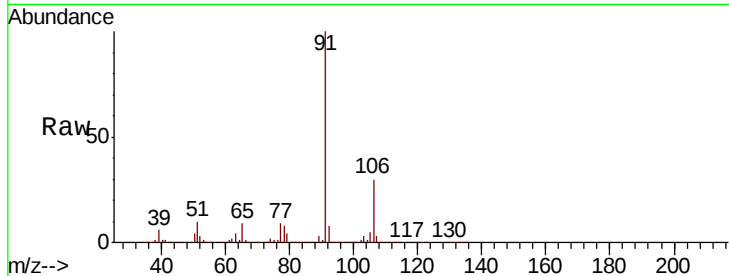
VSTDCCC050

Tot Ion: 91 Resp: 895869

Ion Ratio Lower Upper

91 100

106 30.3 25.9 38.9



#68

m/p-Xylenes

Concen: 104.024 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004763.D

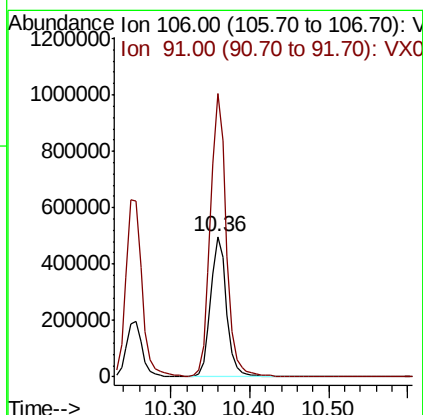
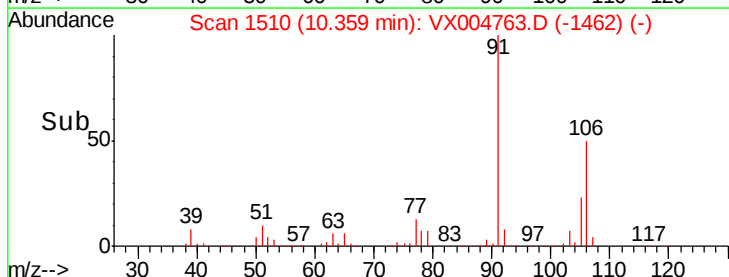
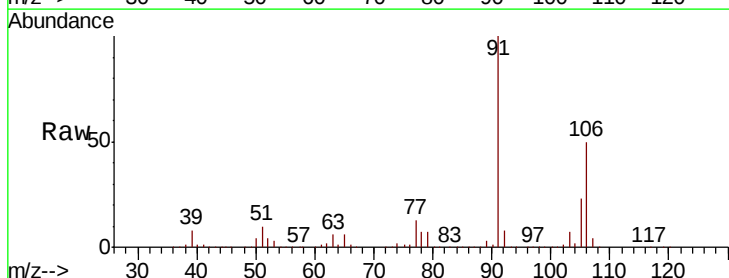
Acq: 27 Sep 2018 10:08

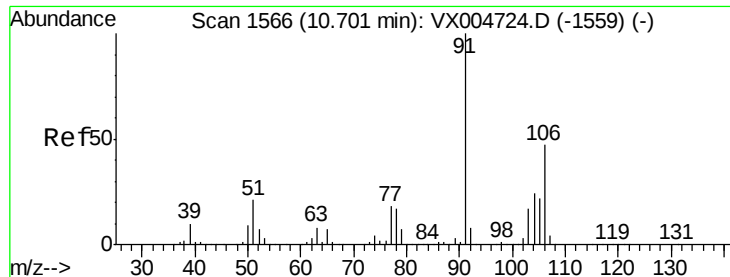
Tgt Ion: 106 Resp: 698909

Ion Ratio Lower Upper

106 100

91 202.7 157.1 235.7

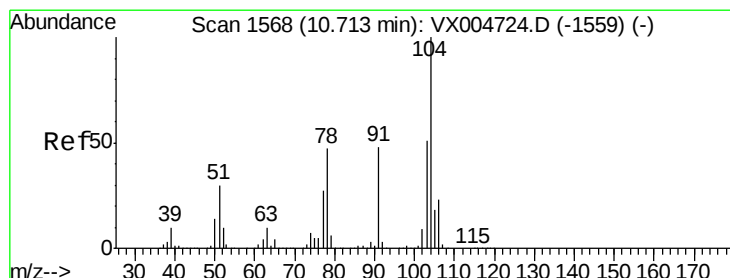
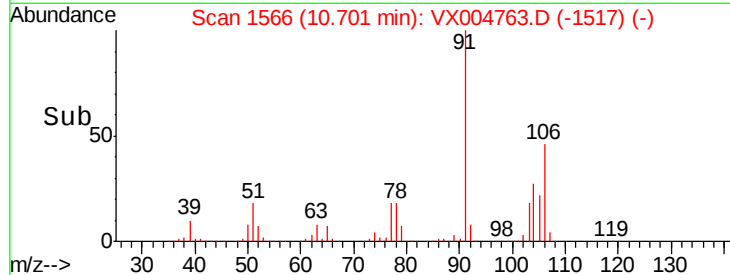
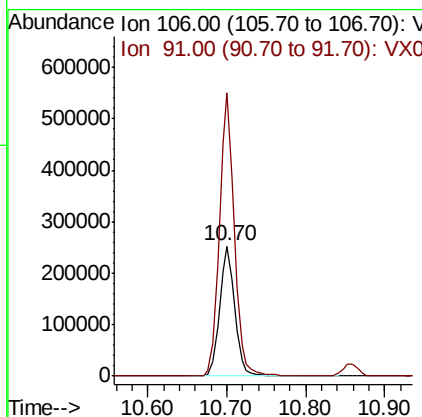
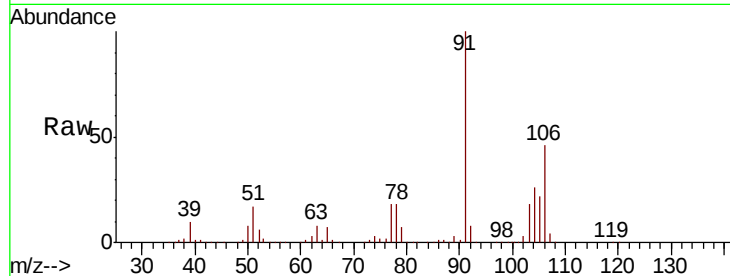




#69
o-Xylene
Concen: 54.778 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

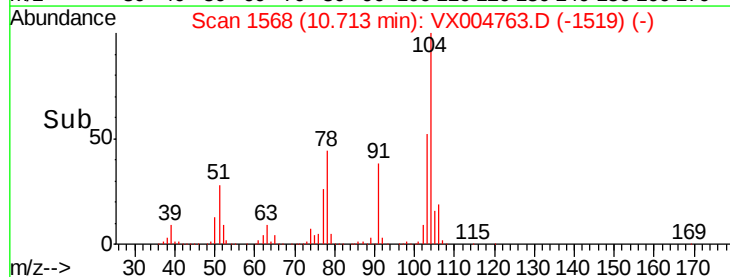
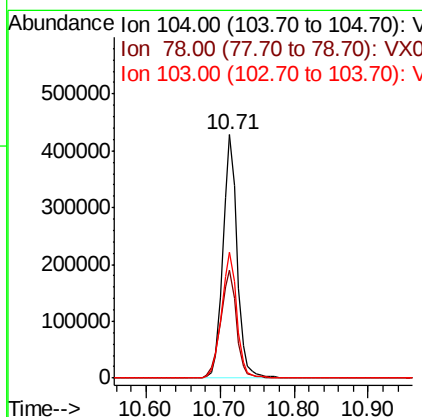
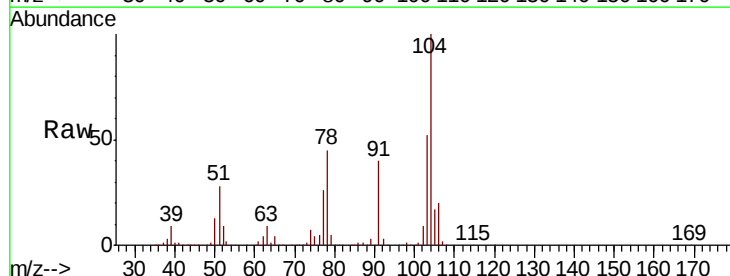
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

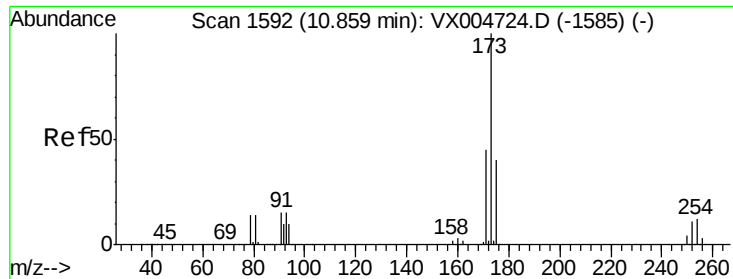
Tot Ion:106 Resp: 338043
Ion Ratio Lower Upper
106 100
91 214.4 105.1 315.1



#70
Styrene
Concen: 49.397 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion:104 Resp: 569829
Ion Ratio Lower Upper
104 100
78 49.1 37.4 56.0
103 55.8 43.8 65.6

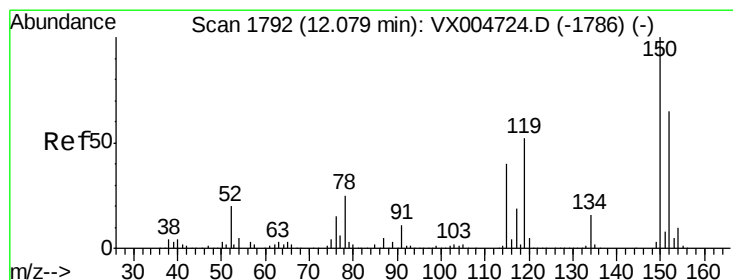
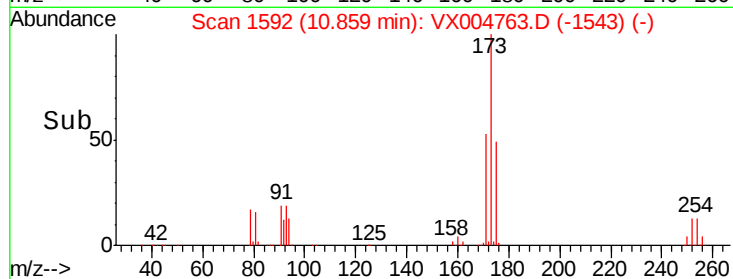
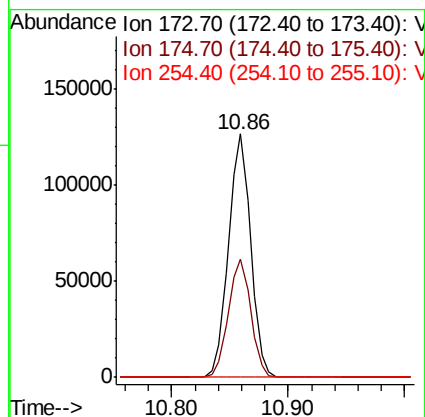
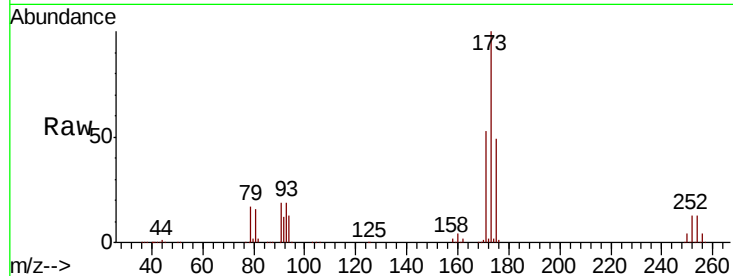




#71
Bromoform
Concen: 51.212 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

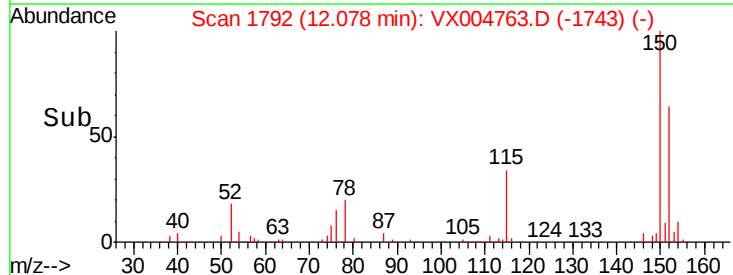
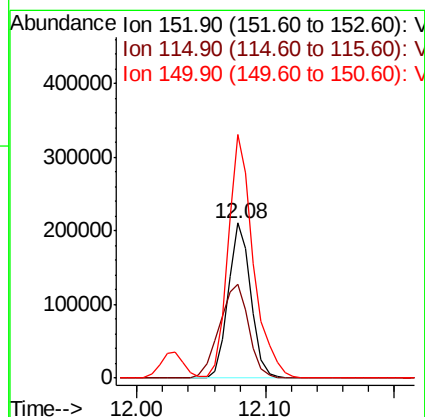
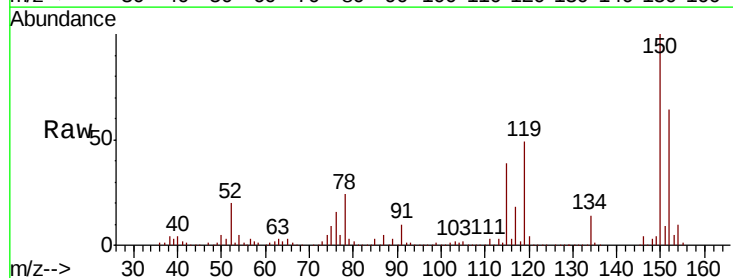
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

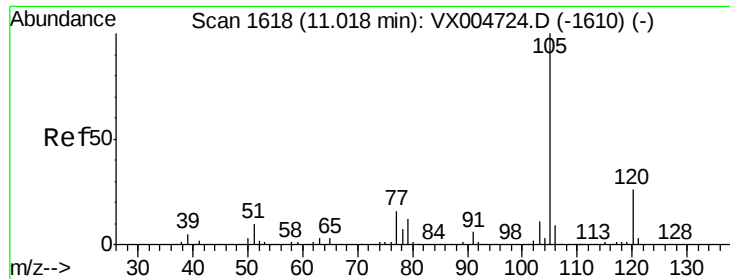
Tot Ion:173 Resp: 166926
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion:152 Resp: 260389
Ion Ratio Lower Upper
152 100
115 78.4 39.0 117.0
150 174.1 0.0 351.0





#73

Isopropylbenzene

Concen: 54.784 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

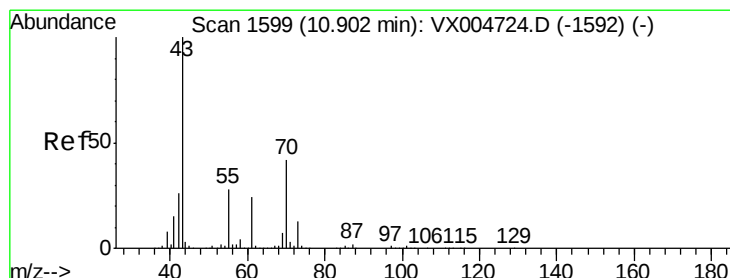
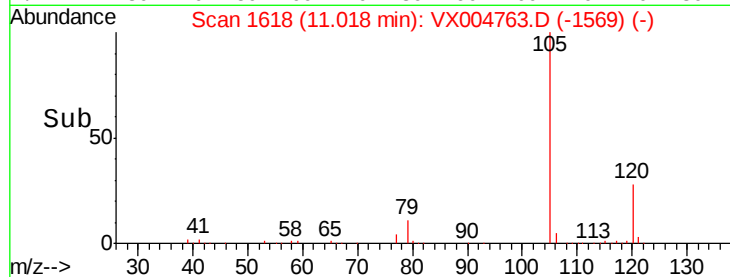
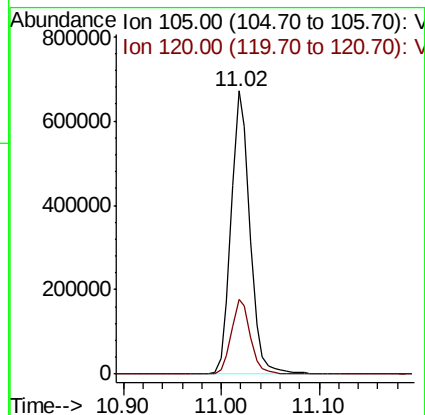
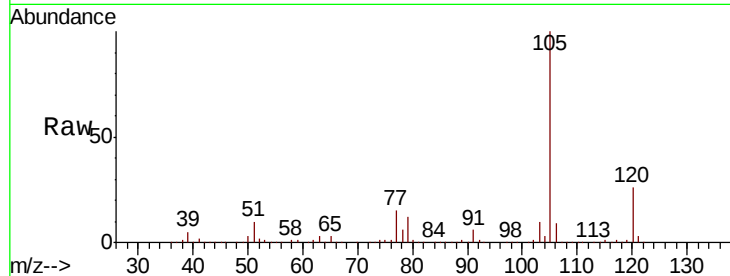
VSTDCCC050

Tot Ion:105 Resp: 899148

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



#74

N-ethyl acetate

Concen: 51.382 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion: 43 Resp: 463972

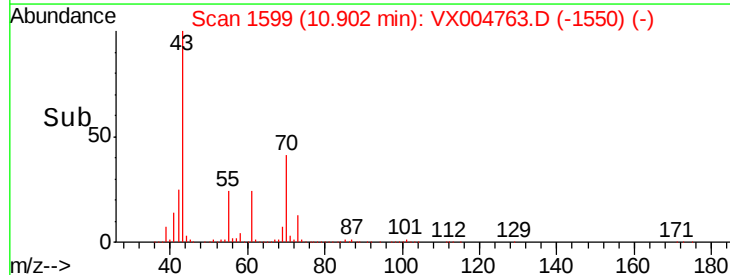
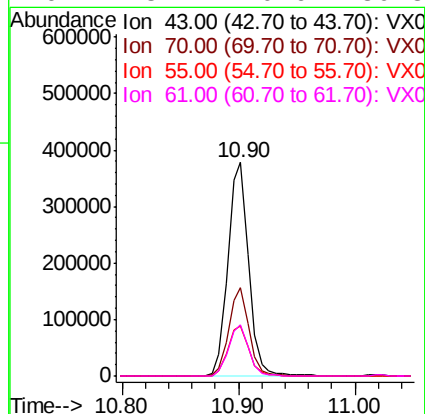
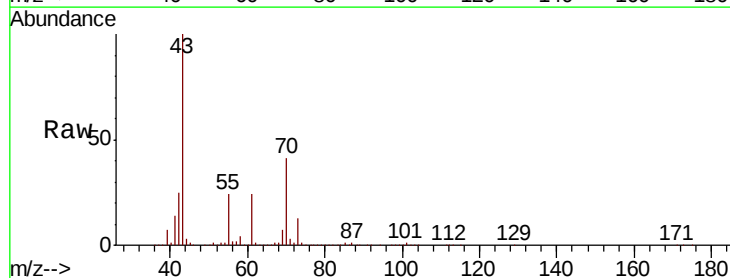
Ion Ratio Lower Upper

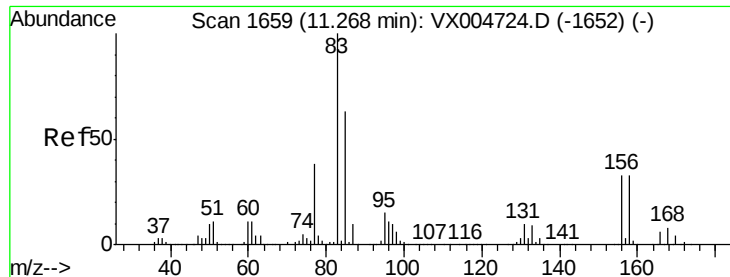
43 100

70 40.5 37.4 56.0

55 23.9 21.8 32.8

61 23.7 20.6 30.8

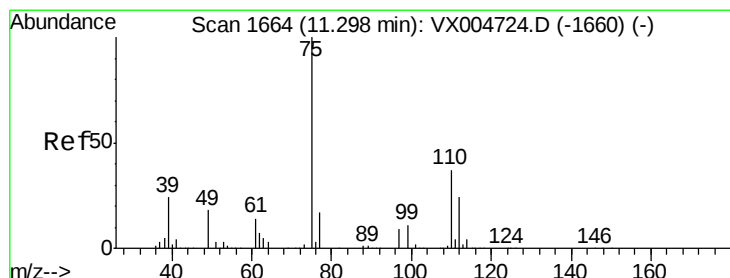
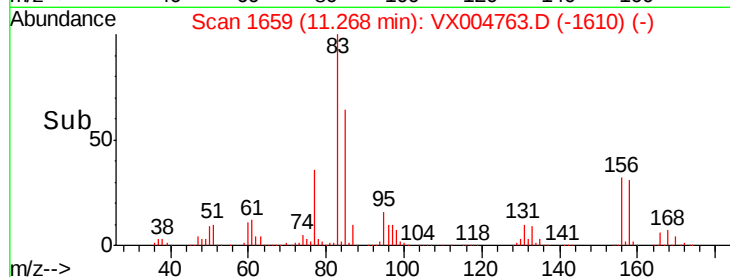
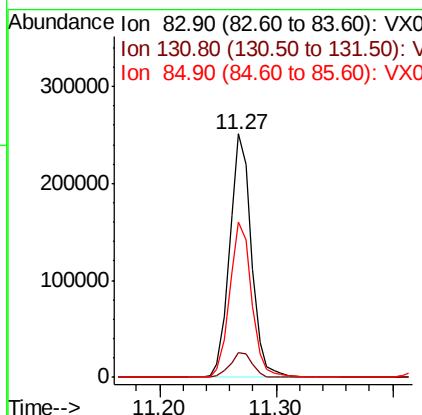
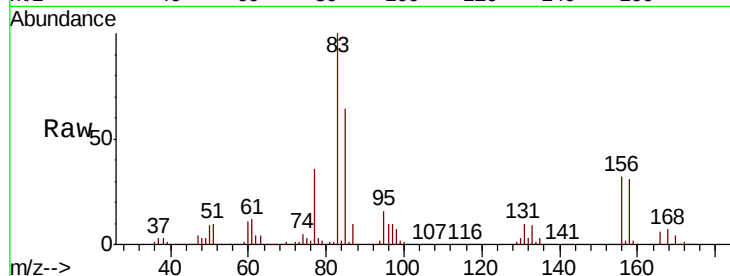




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.765 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

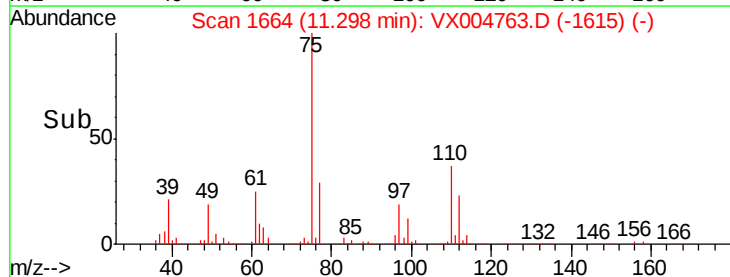
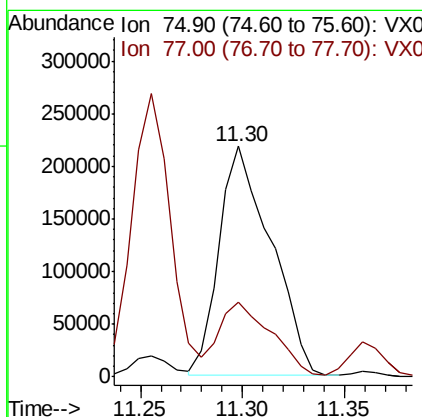
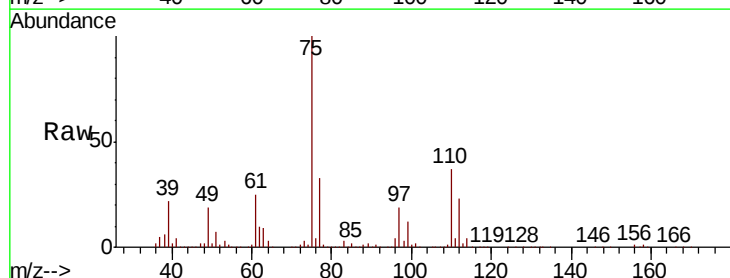
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

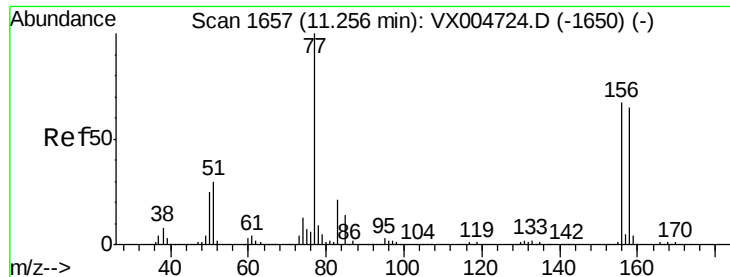
Tot Ion: 83 Resp: 325804
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.2 15.6
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 65.874 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion: 75 Resp: 384460
 Ion Ratio Lower Upper
 75 100
 77 32.9 20.2 60.6





#77

Bromobenzene

Concen: 51.048 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

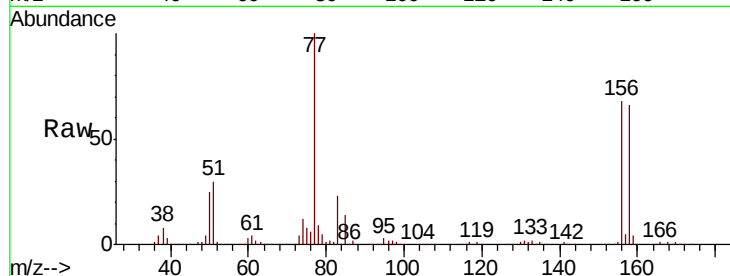
Tot Ion:156 Resp: 243354

Ion Ratio Lower Upper

156 100

77 146.6 71.5 214.3

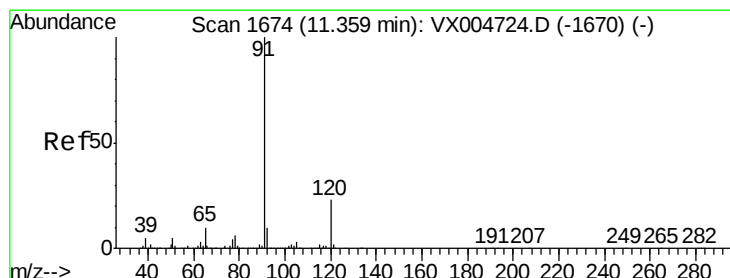
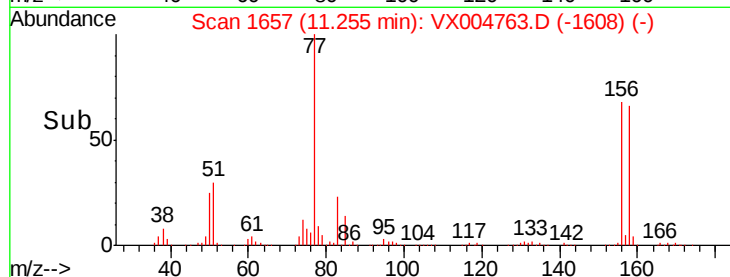
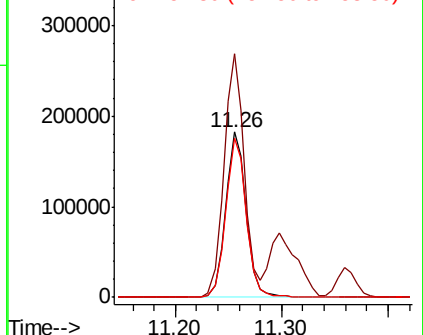
158 97.0 48.9 146.8



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: 55.198 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004763.D

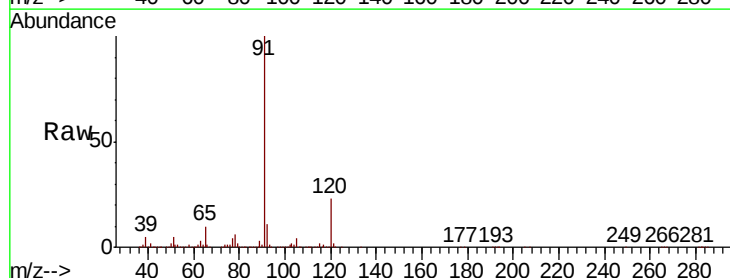
Acq: 27 Sep 2018 10:08

Tgt Ion: 91 Resp: 1039470

Ion Ratio Lower Upper

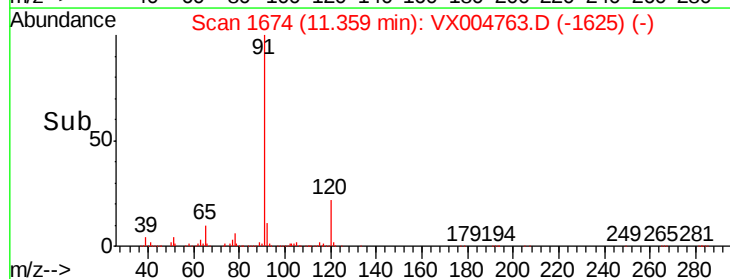
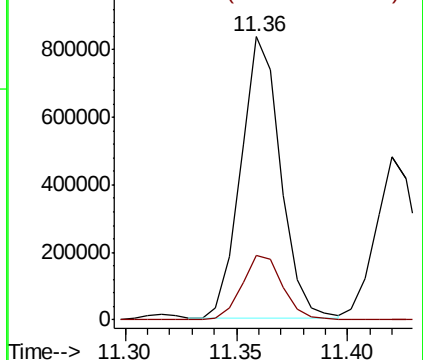
91 100

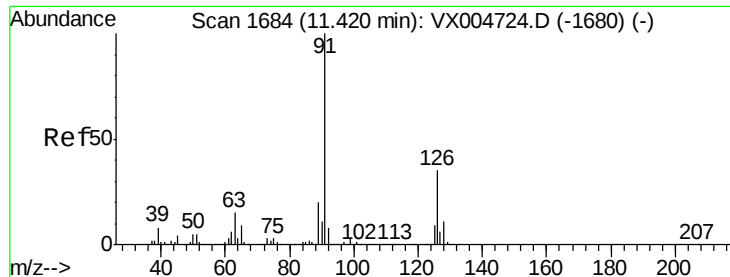
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.376 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

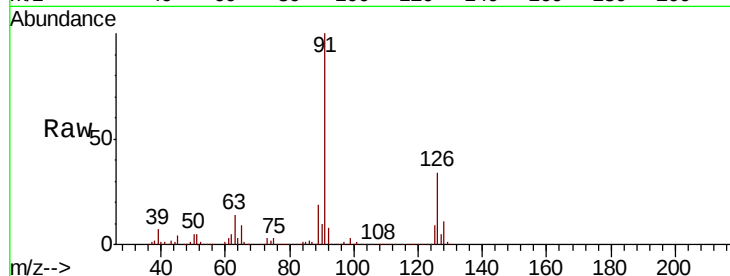
VSTDCCC050

Tot Ion: 91 Resp: 614790

Ion Ratio Lower Upper

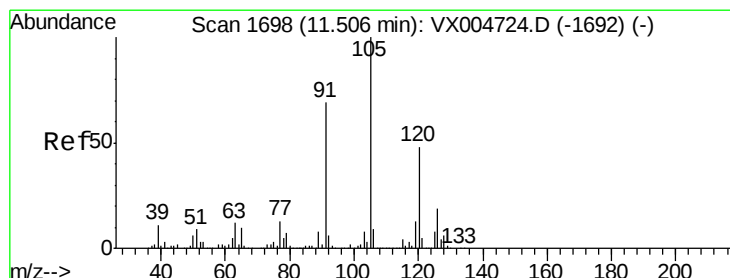
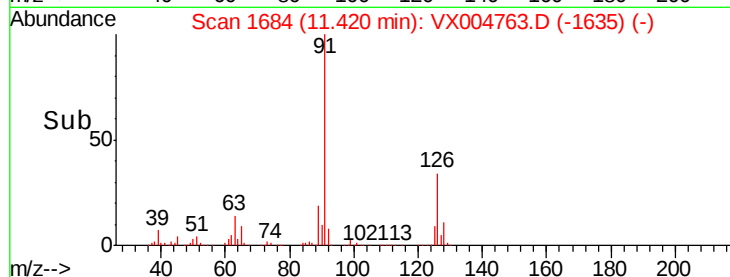
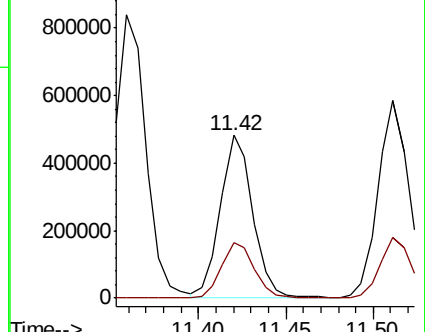
91 100

126 35.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX004763.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004763.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.976 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004763.D

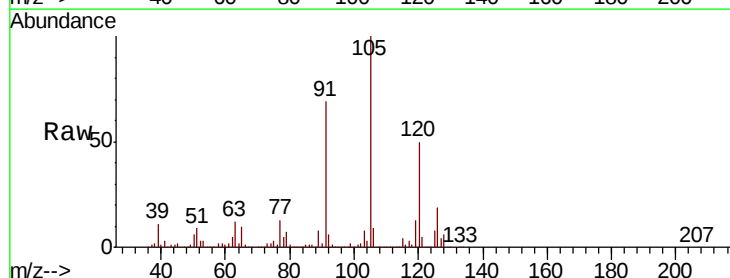
Acq: 27 Sep 2018 10:08

Tgt Ion: 105 Resp: 766767

Ion Ratio Lower Upper

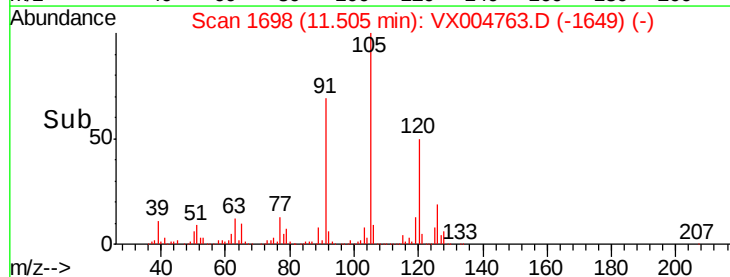
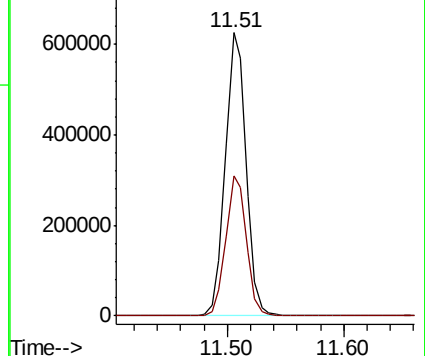
105 100

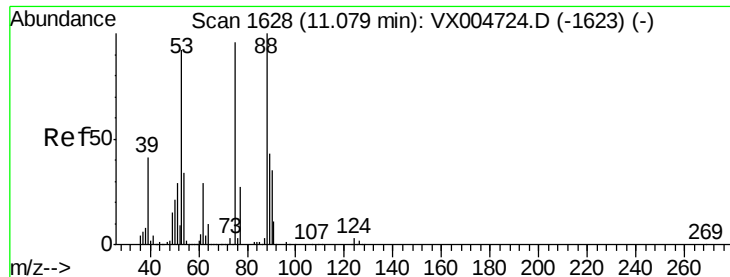
120 49.3 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004763.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004763.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.137 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

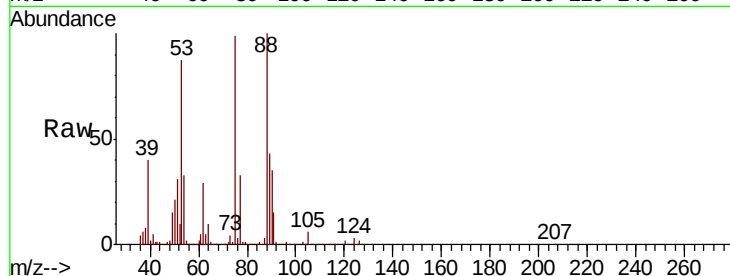
Tot Ion: 75 Resp: 102842

Ion Ratio Lower Upper

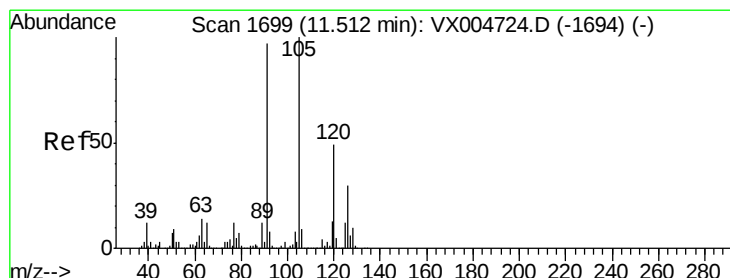
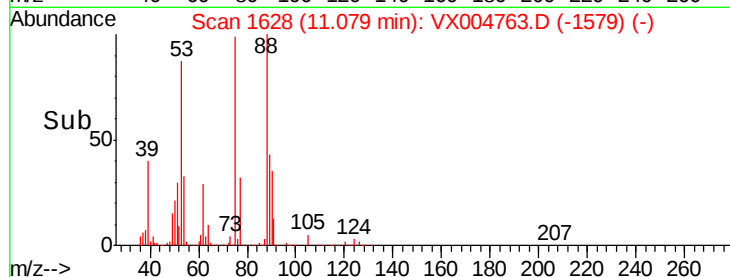
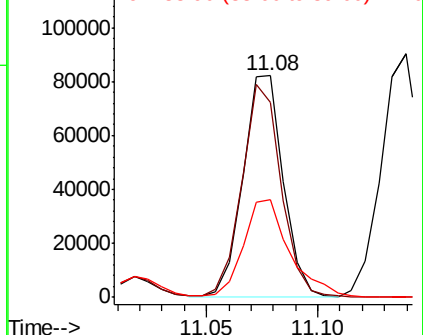
75 100

53 94.4 80.1 120.1

89 51.3 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.867 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004763.D

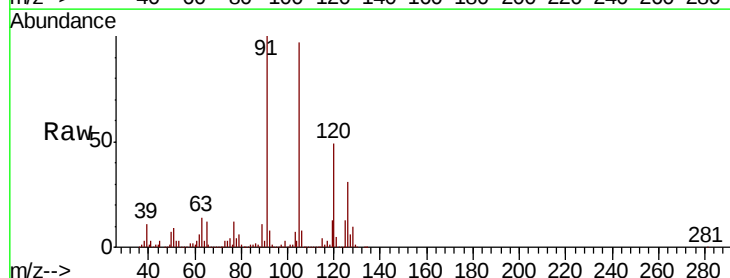
Acq: 27 Sep 2018 10:08

Tgt Ion: 91 Resp: 730426

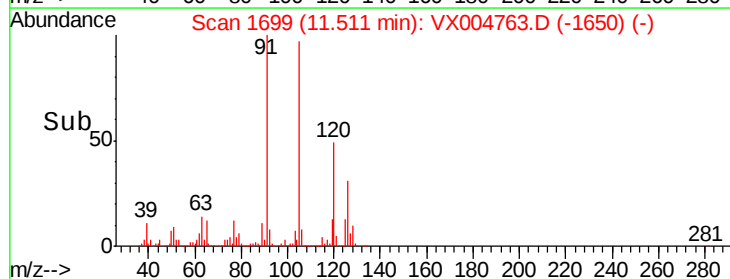
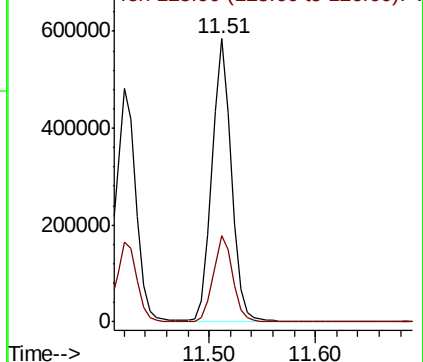
Ion Ratio Lower Upper

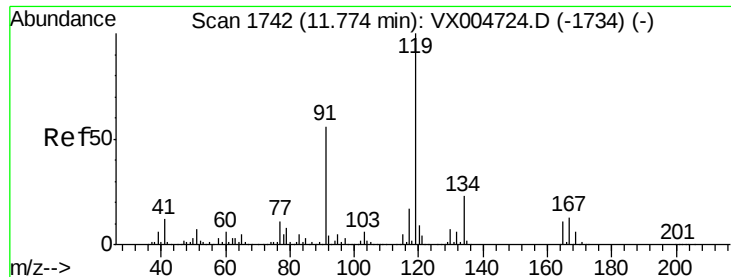
91 100

126 30.8 15.5 46.5



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

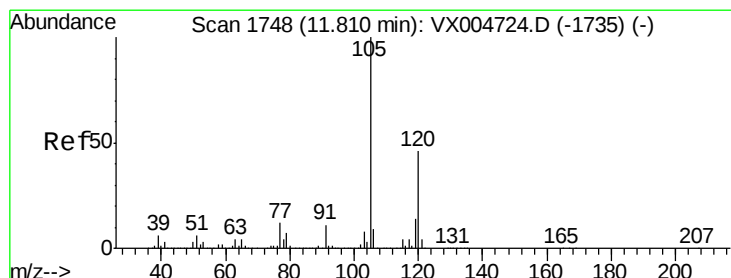
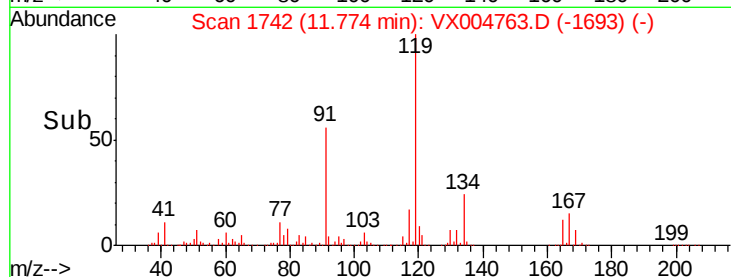
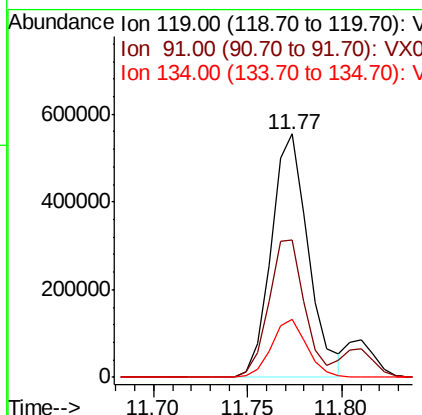
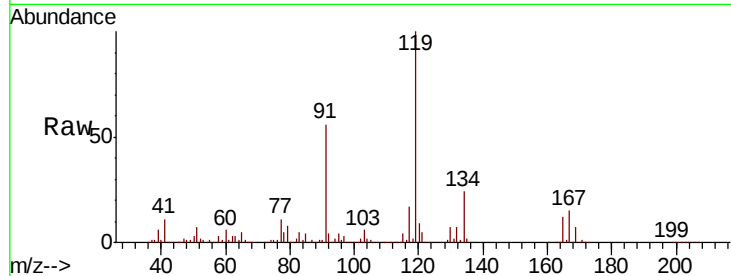




#83
 tert-Butylbenzene
 Concen: 55.987 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

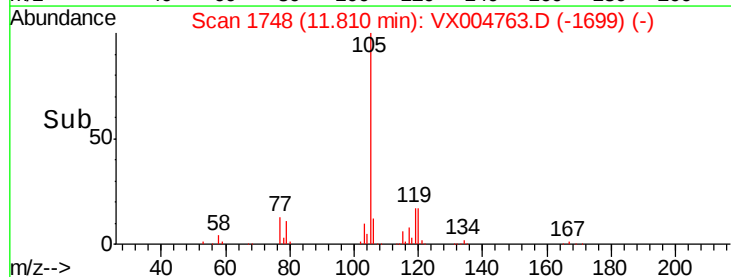
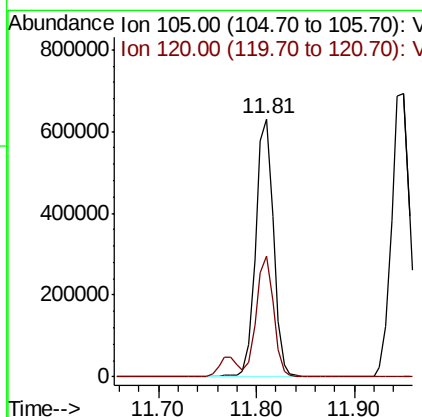
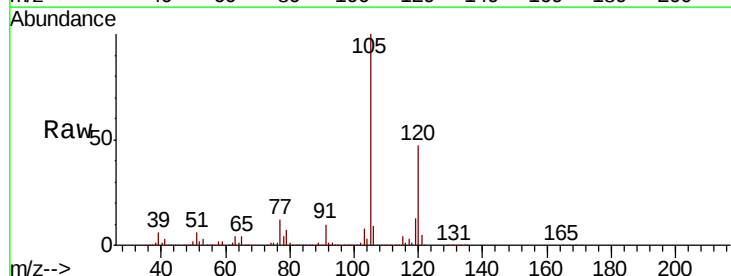
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

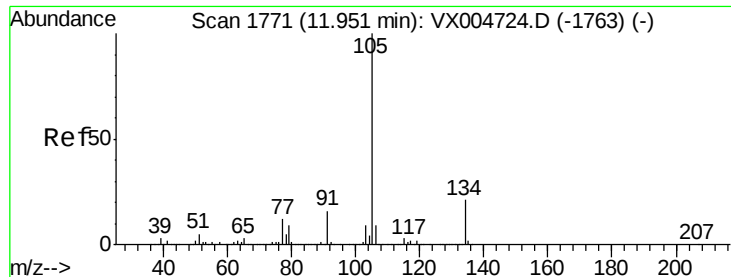
Tot Ion:119 Resp: 756559
 Ion Ratio Lower Upper
 119 100
 91 54.4 27.0 81.0
 134 22.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.156 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion:105 Resp: 793530
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.432 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

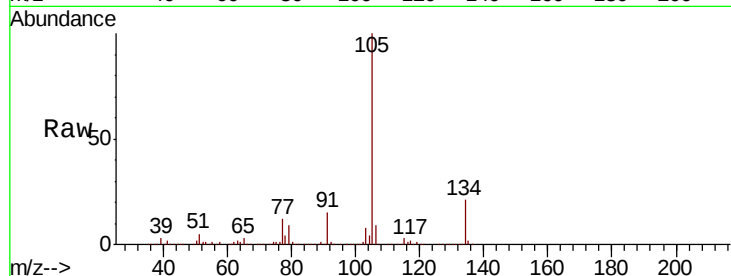
VSTDCCC050

Tot Ion:105 Resp: 912377

Ion Ratio Lower Upper

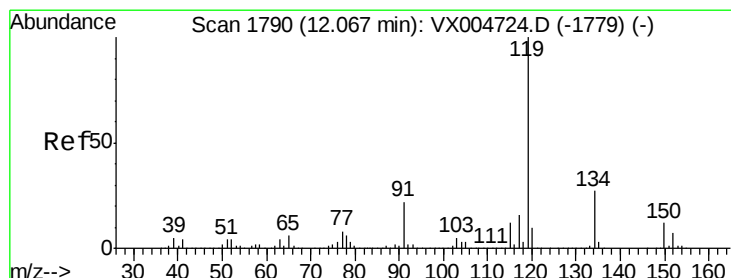
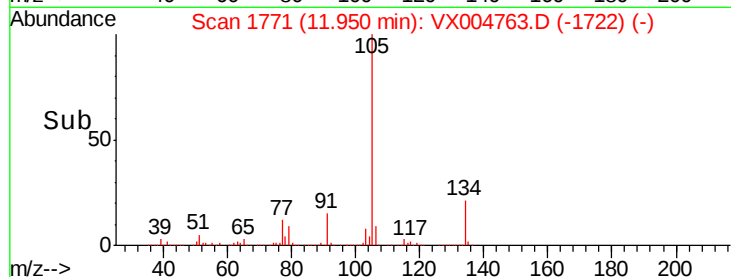
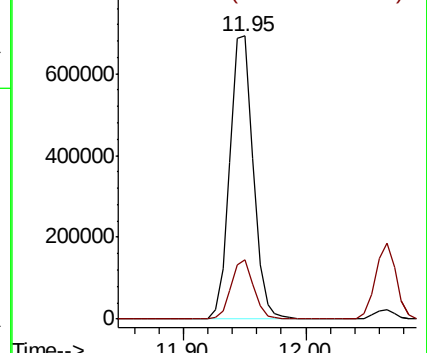
105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.604 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

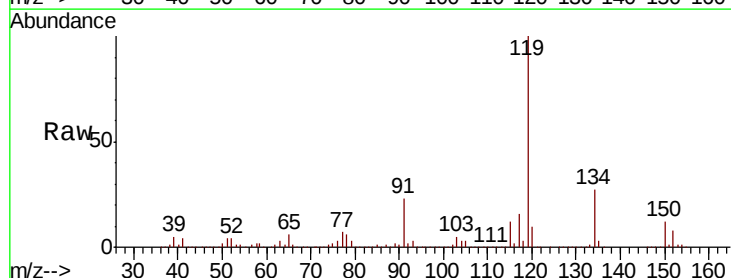
Tgt Ion:119 Resp: 829177

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

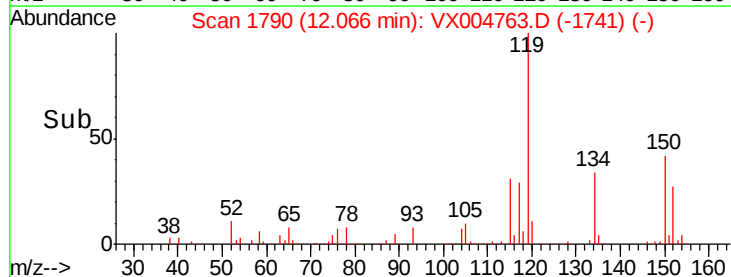
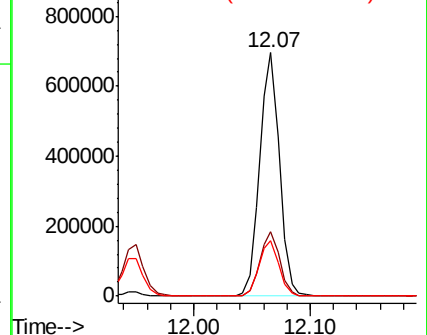
91 22.9 10.9 32.7

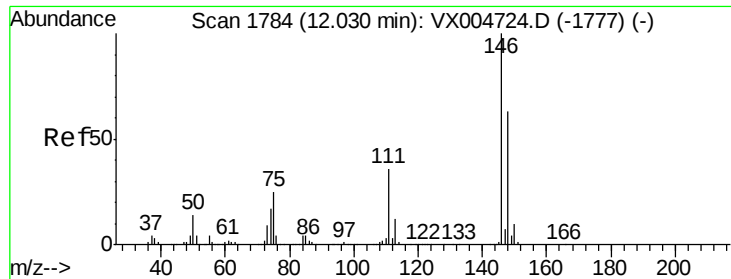


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.532 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

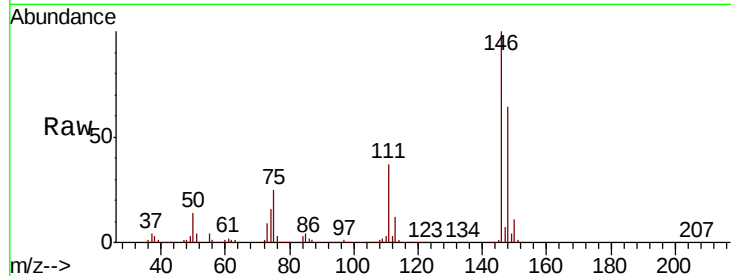
Tot Ion:146 Resp: 449819

Ion Ratio Lower Upper

146 100

111 38.3 18.7 56.1

148 64.2 32.1 96.5

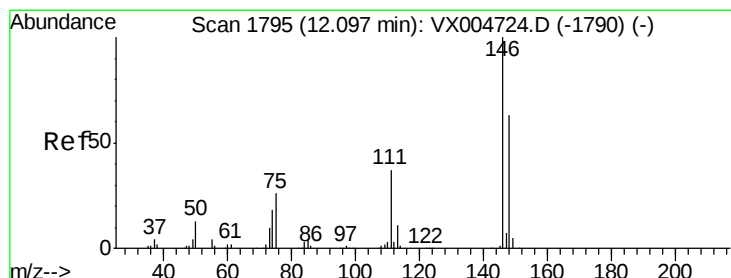
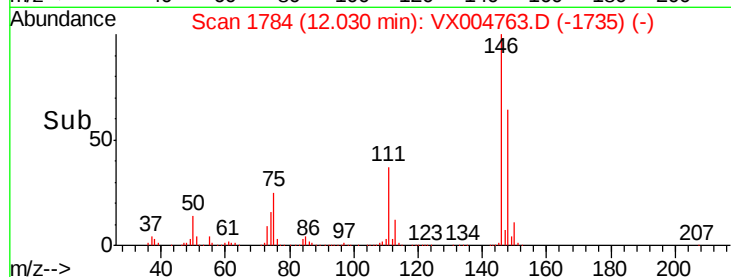
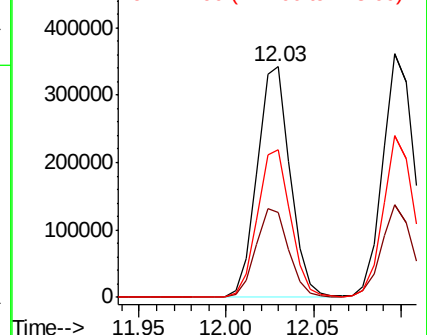


Abundance

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: 49.360 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

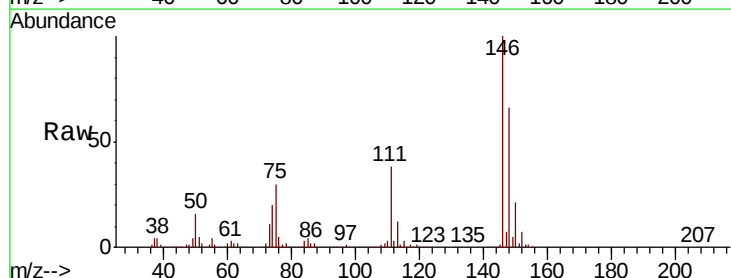
Tgt Ion:146 Resp: 453574

Ion Ratio Lower Upper

146 100

111 37.4 18.1 54.1

148 64.9 32.0 96.0

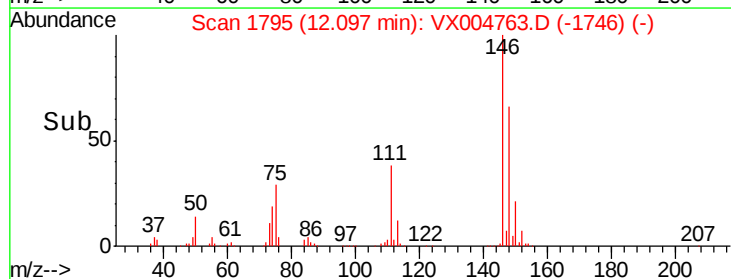
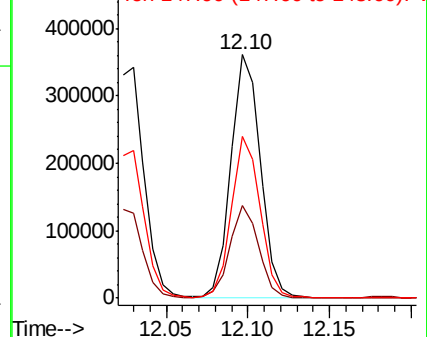


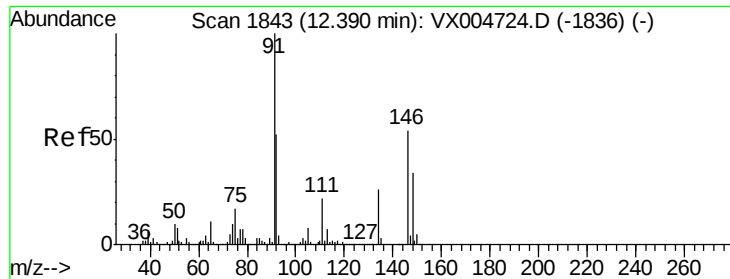
Abundance

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: 56.739 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

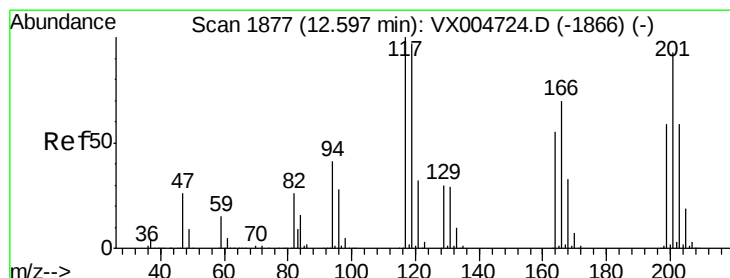
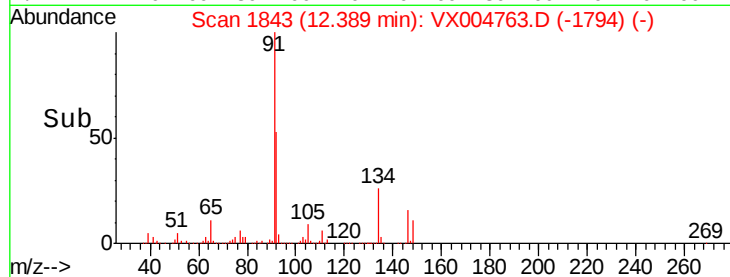
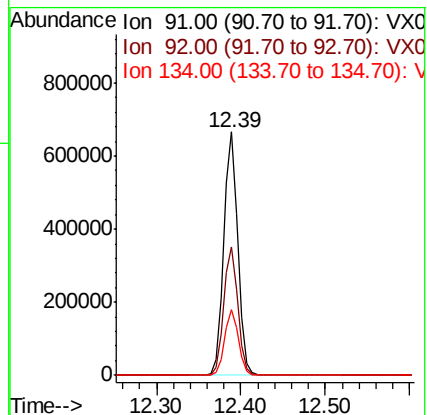
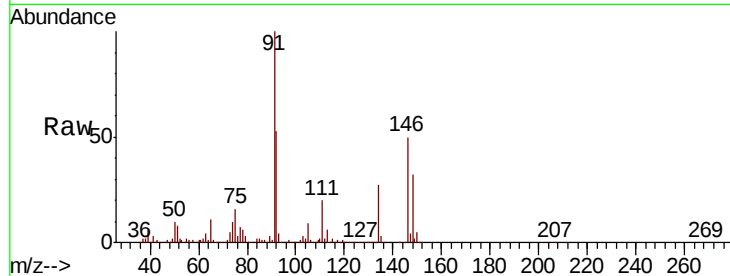
Tot Ion: 91 Resp: 768422

Ion Ratio Lower Upper

91 100

92 52.9 27.3 81.9

134 26.5 13.6 40.7



#90

Hexachloroethane

Concen: 51.562 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004763.D

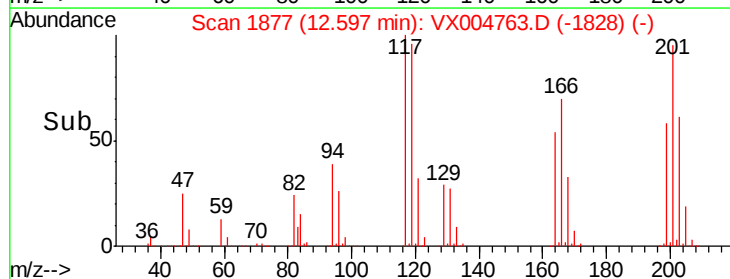
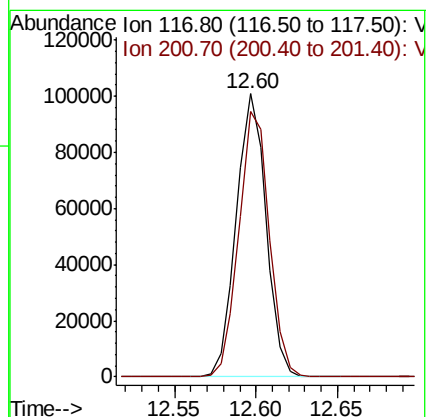
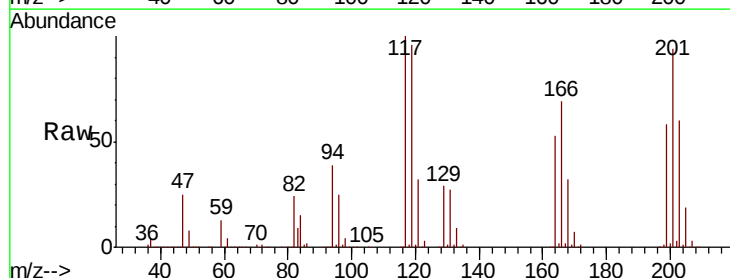
Acq: 27 Sep 2018 10:08

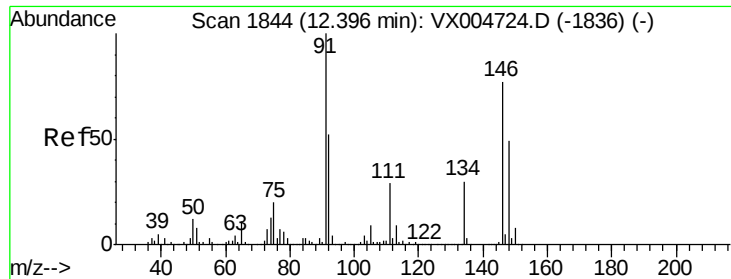
Tgt Ion: 117 Resp: 128020

Ion Ratio Lower Upper

117 100

201 96.3 46.9 140.6

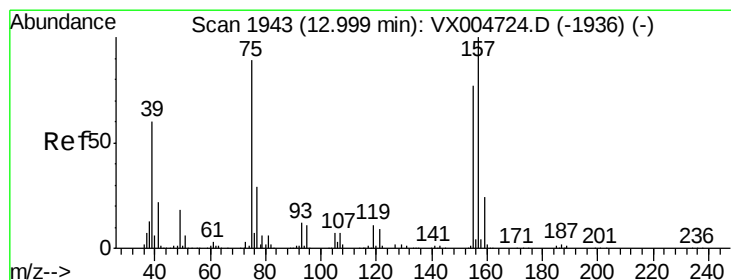
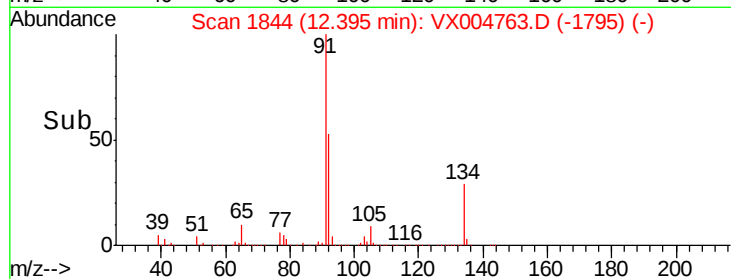
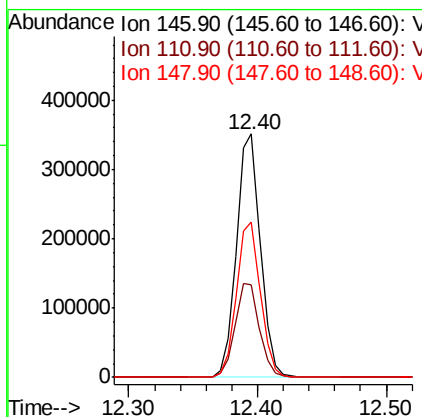
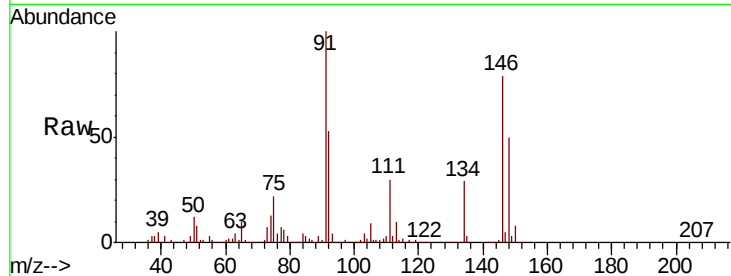




#91
 1,2-Dichlorobenzene
 Concen: 48.669 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

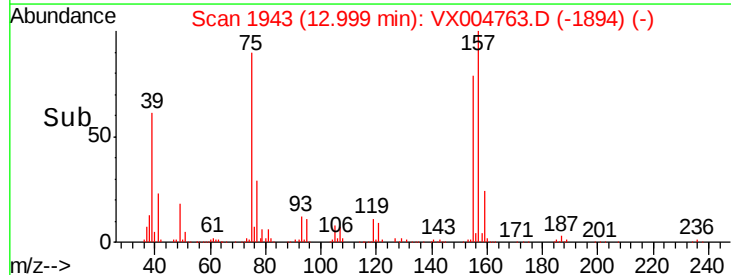
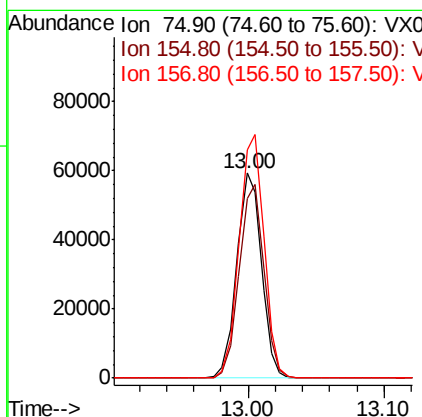
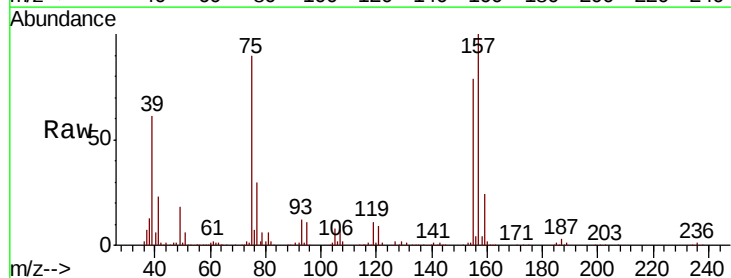
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

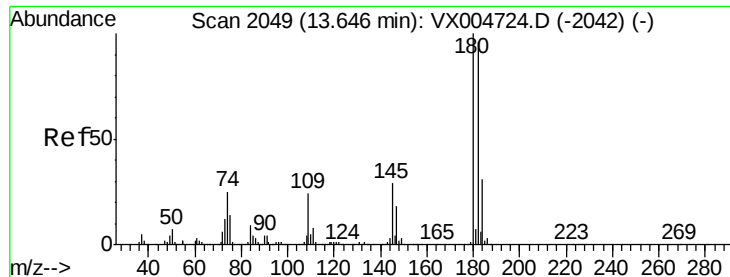
Tot Ion:146 Resp: 452749
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.4 58.1
 148 64.1 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.042 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion: 75 Resp: 74876
 Ion Ratio Lower Upper
 75 100
 155 95.0 48.0 144.2
 157 119.6 61.4 184.1

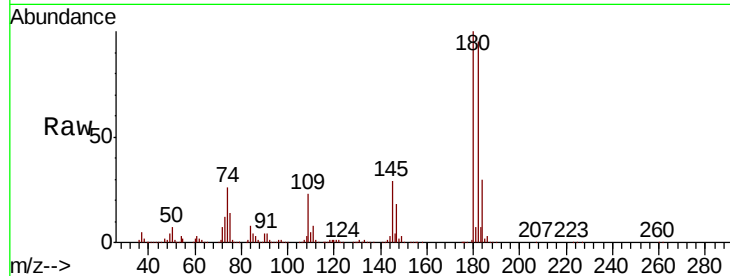




#93
 1,2,4-Trichlorobenzene
 Concen: 53.936 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.4	145.0
145	28.4	14.3	42.9

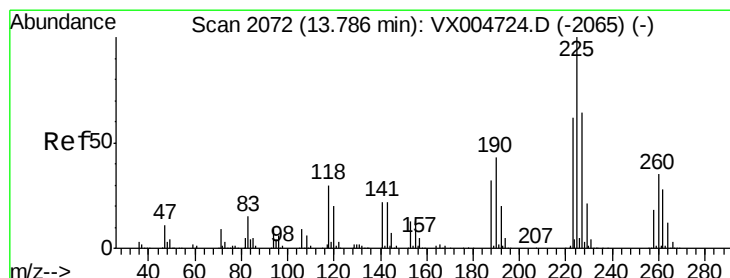
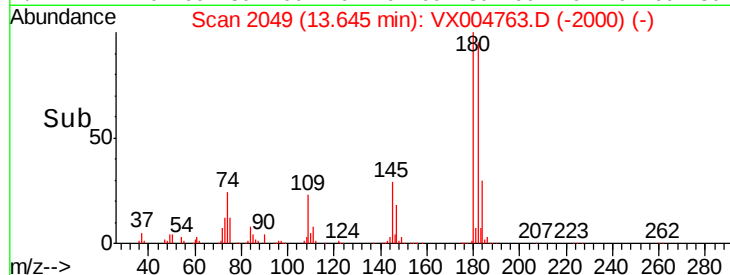
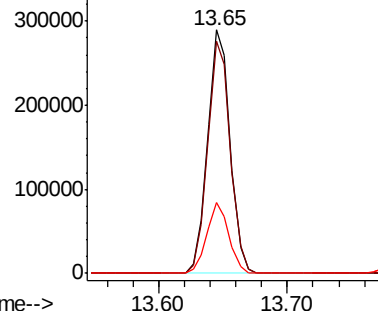


Abundance

Ion 179.80 (179.50 to 180.50): V

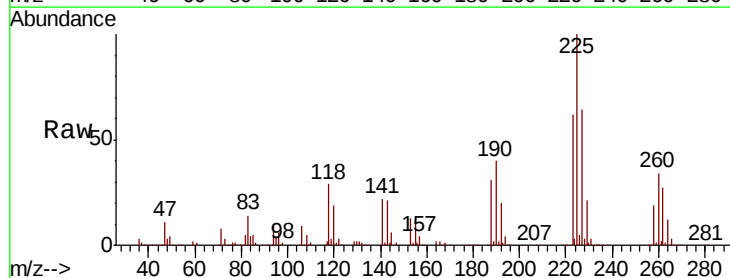
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.179 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.1	90.5
227	63.8	30.8	92.4

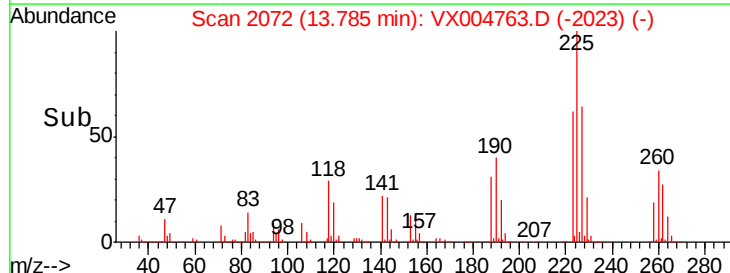
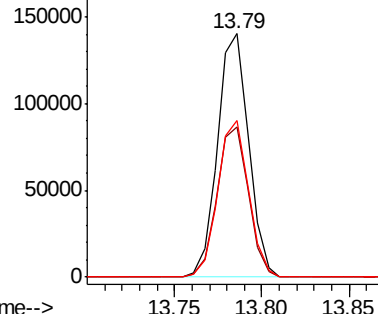


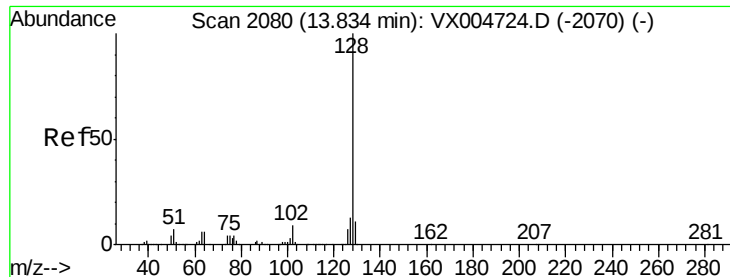
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

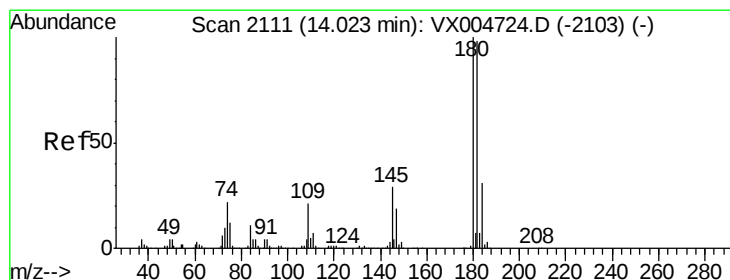
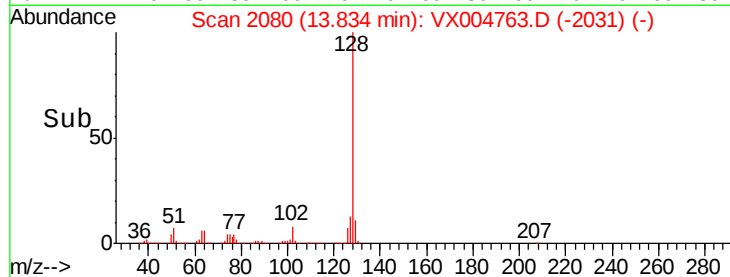
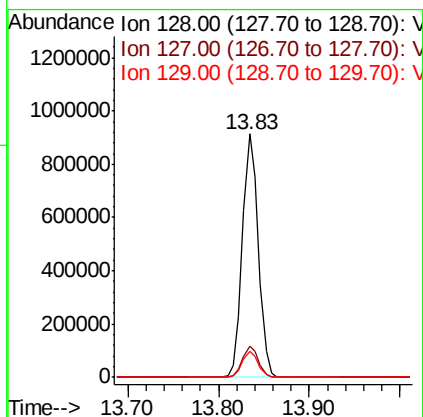
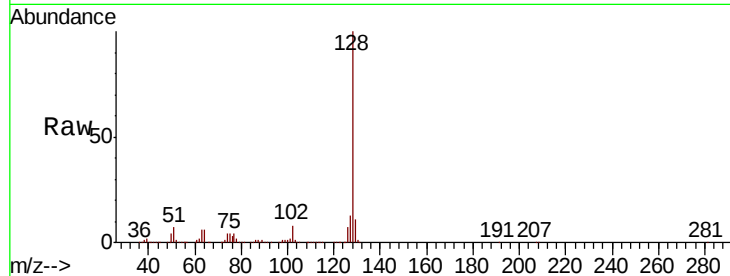




#95
Naphthalene
Concen: 51.162 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1108488
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.913 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion:180 Resp: 356691
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.6
145 29.6 14.9 44.9

