

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002710.D
 Acq On : 19 Jun 2018 13:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 19 16:22:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217351	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	150530	39.42	ug/l	0.00
Spiked Amount			Recovery	=	78.84%	
35) Dibromofluoromethane	5.51	113	123531	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	
50) Toluene-d8	8.72	98	462301	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
62) 4-Bromofluorobenzene	11.14	95	180423	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	127456	47.78	ug/l	100
3) Chloromethane	1.32	50	128596	40.53	ug/l	100
4) Vinyl Chloride	1.40	62	142865	43.39	ug/l	99
5) Bromomethane	1.64	94	77844	39.18	ug/l	99
6) Chloroethane	1.72	64	93509	43.09	ug/l	99
7) Trichlorofluoromethane	1.92	101	247054	46.18	ug/l	100
8) Diethyl Ether	2.19	74	85084	41.82	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142189	47.55	ug/l	99
10) Methyl Iodide	2.51	142	155497	39.72	ug/l	99
11) Tert butyl alcohol	3.08	59	161494	204.59	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122675	43.69	ug/l	96
13) Acrolein	2.29	56	120132	322.58	ug/l	99
14) Allyl chloride	2.73	41	240948	43.22	ug/l	98
15) Acrylonitrile	3.15	53	360018	209.01	ug/l	100
16) Acetone	2.45	43	367286	218.02	ug/l	99
17) Carbon Disulfide	2.57	76	327661	49.21	ug/l	98
18) Methyl Acetate	2.78	43	190916	42.54	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	439337	41.71	ug/l	99
20) Methylene Chloride	2.86	84	138681	40.15	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	131688	43.23	ug/l	96
22) Diisopropyl ether	3.87	45	427295	42.37	ug/l	94
23) Vinyl Acetate	3.82	43	1913580	226.69	ug/l	100
24) 1,1-Dichloroethane	3.70	63	251377	45.92	ug/l	100
25) 2-Butanone	4.71	43	497198	224.73	ug/l	98
26) 2,2-Dichloropropane	4.59	77	188511	47.93	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	139012	44.85	ug/l	94
28) Bromochloromethane	5.02	49	107037	41.75	ug/l	95
29) Tetrahydrofuran	5.17	42	314377	216.82	ug/l	97
30) Chloroform	5.21	83	241308	45.71	ug/l	99
31) Cyclohexane	5.57	56	214901	47.68	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	212901	48.22	ug/l	100
36) 1,1-Dichloropropene	5.80	75	180748	50.09	ug/l	98
37) Ethyl Acetate	4.87	43	191577	46.90	ug/l	100
38) Carbon Tetrachloride	5.78	117	194506	54.13	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227487	53.92	ug/l	98
40) Benzene	6.15	78	523721	48.40	ug/l	100
41) Methacrylonitrile	5.07	41	108743	47.15	ug/l	98
42) 1,2-Dichloroethane	6.20	62	202467	48.33	ug/l	100
43) Isopropyl Acetate	6.47	43	317571	46.93	ug/l	99
44) Trichloroethene	7.21	130	154159	49.36	ug/l	96
45) 1,2-Dichloropropane	7.52	63	134202	47.12	ug/l	100
46) Dibromomethane	7.67	93	93277	48.96	ug/l	97
47) Bromodichloromethane	7.90	83	177508	52.83	ug/l	99
48) Methyl methacrylate	7.78	41	162872	47.10	ug/l	97
49) 1,4-Dioxane	7.76	88	64501	984.89	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1033668	237.89	ug/l	99
52) Toluene	8.79	92	346998	50.27	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	210927	47.55	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	196171	46.48	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136688	49.01	ug/l	98
56) Ethyl methacrylate	9.18	69	210733	49.10	ug/l	98
57) 1,3-Dichloropropane	9.38	76	224209	47.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	481045	231.72	ug/l	98
59) 2-Hexanone	9.50	43	802685	245.15	ug/l	99
60) Dibromochloromethane	9.59	129	147095	47.12	ug/l	100
61) 1,2-Dibromoethane	9.68	107	146539	50.73	ug/l	100
64) Tetrachloroethene	9.34	164	175957	48.46	ug/l	98
65) Chlorobenzene	10.14	112	398484	49.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	146005	53.32	ug/l	99
67) Ethyl Benzene	10.26	91	685558	50.60	ug/l	100
68) m/p-Xylenes	10.36	106	537639	102.87	ug/l	100
69) o-Xylene	10.70	106	257962	50.24	ug/l	100
70) Styrene	10.71	104	435872	51.62	ug/l	99
71) Bromoform	10.86	173	116386	47.00	ug/l #	99
73) Isopropylbenzene	11.02	105	717826	49.38	ug/l	100
74) N-amyl acetate	6.47	43	317571	43.97	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	205504	47.87	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	179515m	43.77	ug/l	
77) Bromobenzene	11.26	156	194223	47.96	ug/l	97
78) n-propylbenzene	11.37	91	834870	50.08	ug/l	99
79) 2-Chlorotoluene	11.43	91	482582	48.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	616518	50.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58178	45.77	ug/l	99
82) 4-Chlorotoluene	11.51	91	580175	49.40	ug/l	99
83) tert-Butylbenzene	11.77	119	597828	50.51	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	635175	50.67	ug/l	99
85) sec-Butylbenzene	11.95	105	748199	50.84	ug/l	99
86) p-Isopropyltoluene	12.07	119	685360	51.47	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	369756	49.79	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	371916	49.22	ug/l	99
89) n-Butylbenzene	12.39	91	618531	52.66	ug/l	99
90) Hexachloroethane	12.60	117	100938	48.70	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	362446	48.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47257	52.56	ug/l	98

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QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

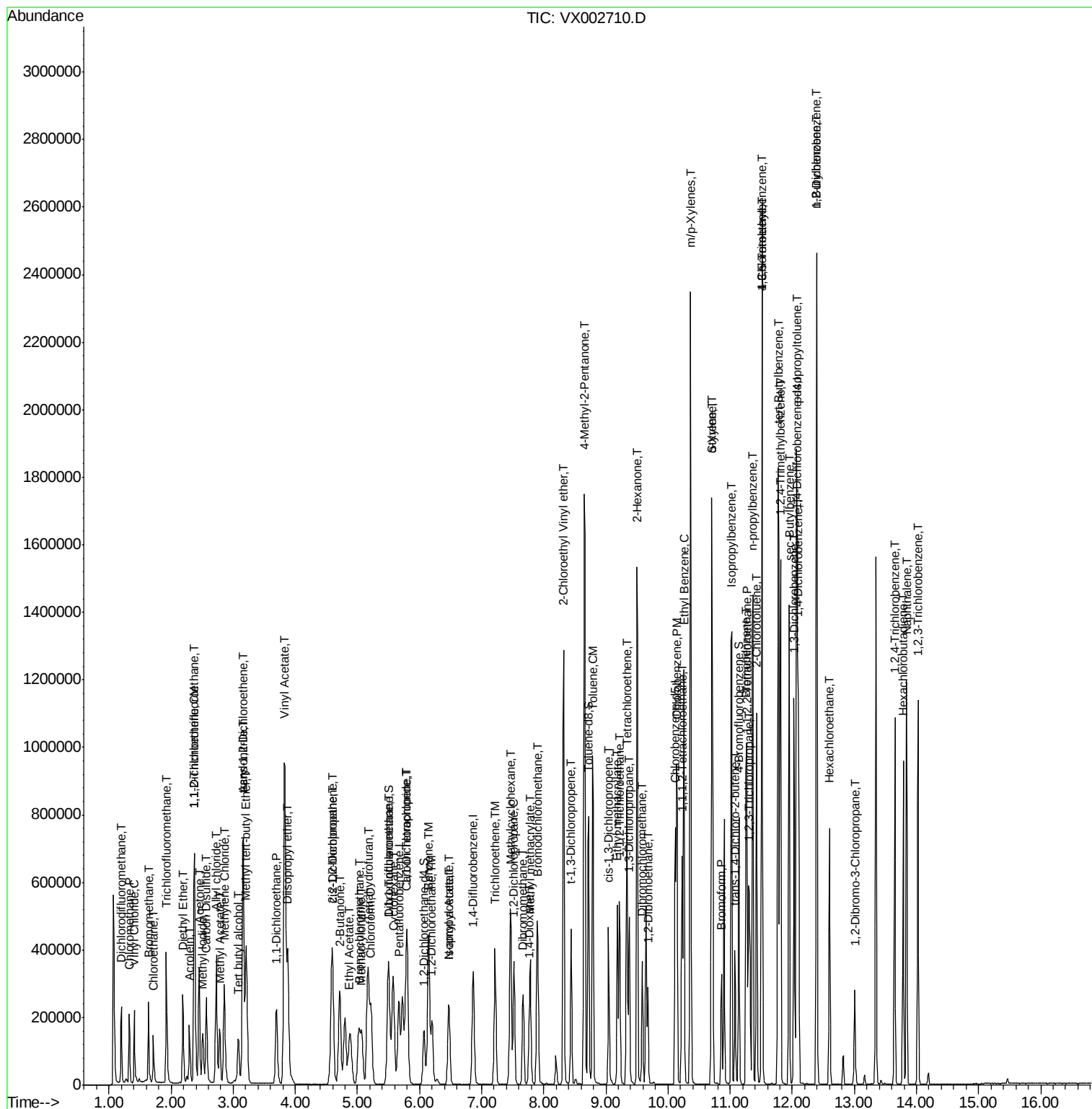
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	281103	51.82	ug/l	100
94) Hexachlorobutadiene	13.79	225	149098	52.17	ug/l	99
95) Naphthalene	13.84	128	739088	50.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	276960	50.83	ug/l	99

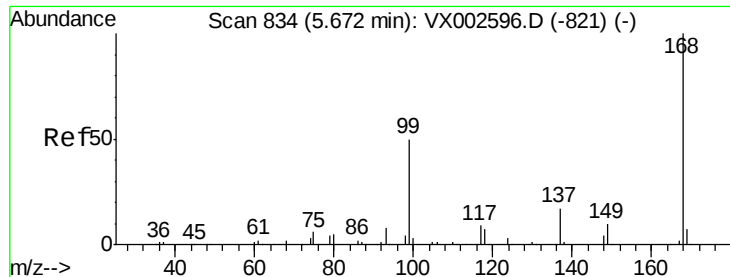
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061918\  
Data File : VX002710.D  
Acq On    : 19 Jun 2018   13:41  
Operator  : JC/MD  
Sample    : VSTDCCC050  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 19 16:22:26 2018
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

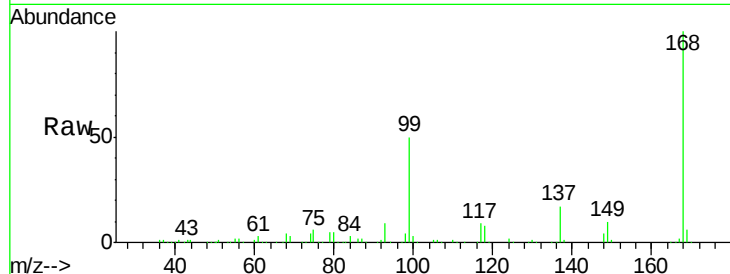
VSTDCCC050

Tot Ion:168 Resp: 251274

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

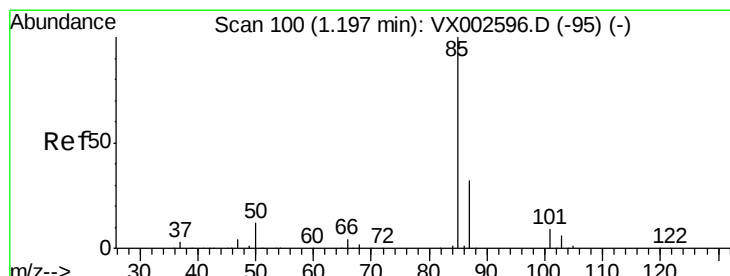
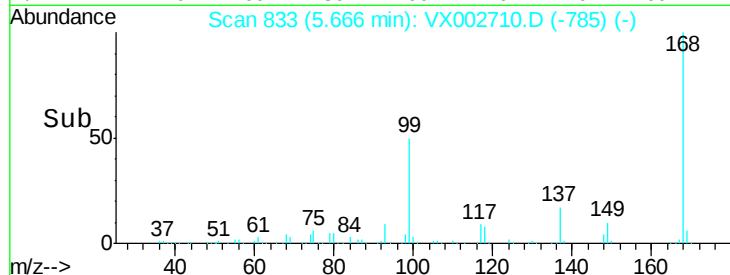
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.78 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002710.D

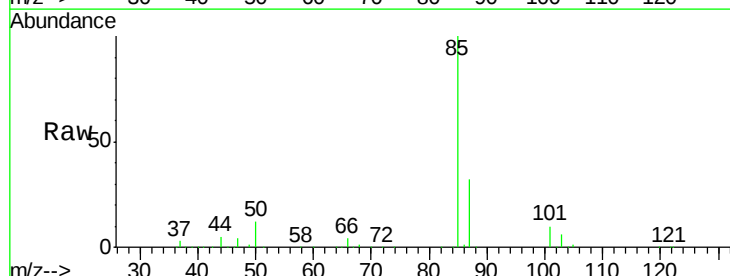
Acq: 19 Jun 2018 13:41

Tgt Ion: 85 Resp: 127456

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

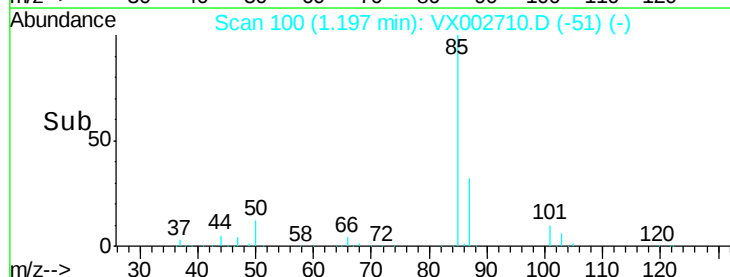
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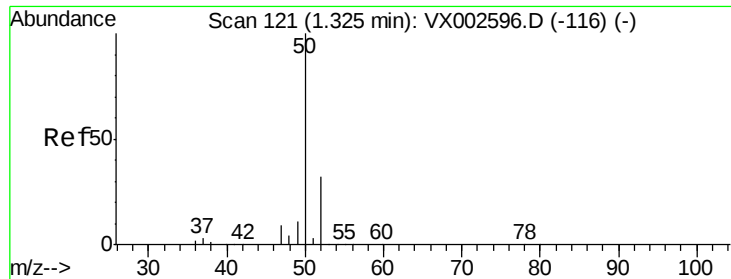
50000

0

Time-->

1.15 1.20 1.25 1.30

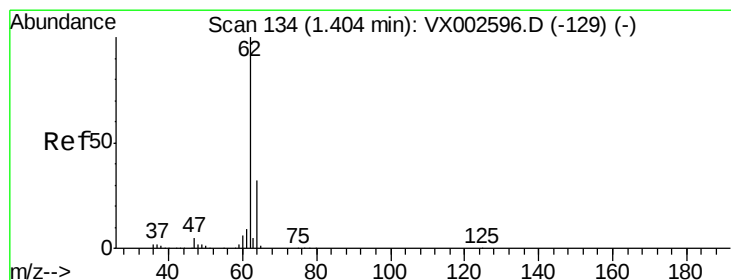
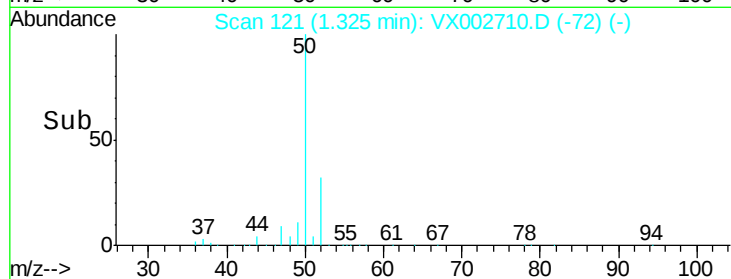
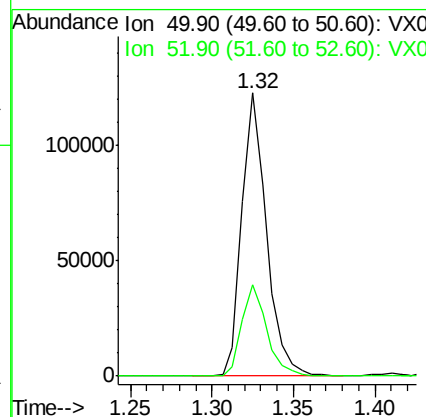
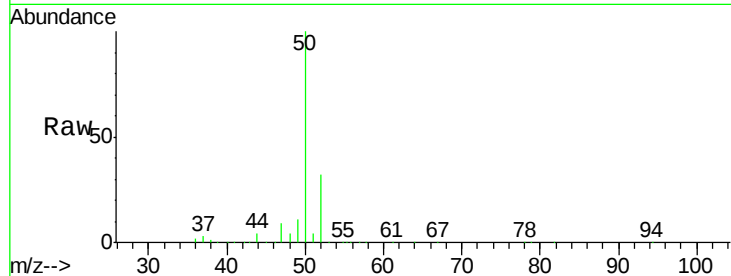




#3
Chloromethane
Concen: 40.53 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

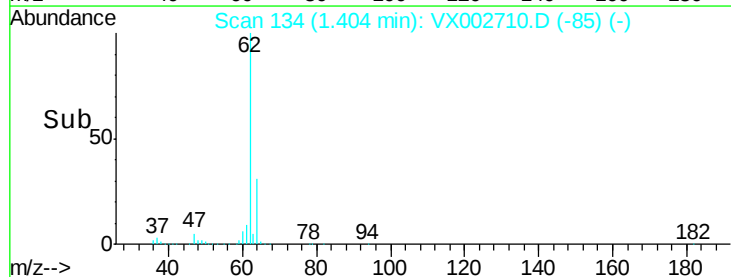
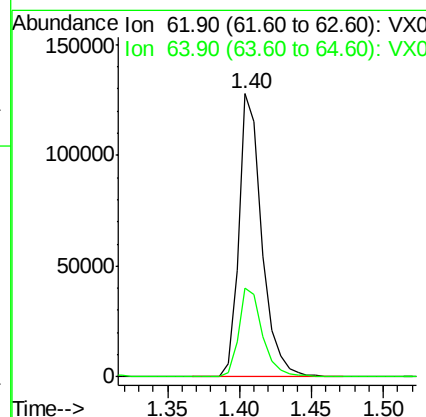
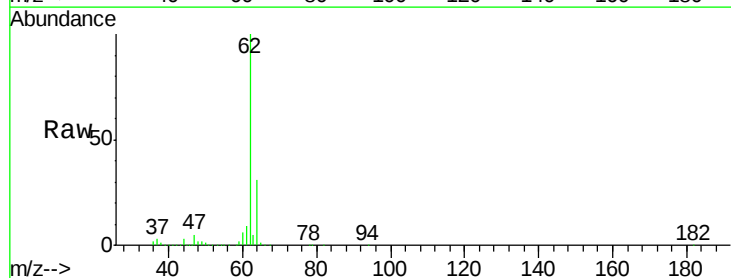
Instrument :
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ClientSampleId :
VSTDCCC050

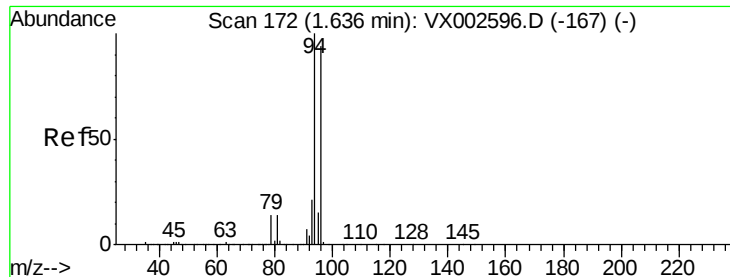
Tot Ion: 50 Resp: 128596
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5



#4
Vinyl Chloride
Concen: 43.39 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion: 62 Resp: 142865
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2





#5

Bromomethane

Concen: 39.18 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

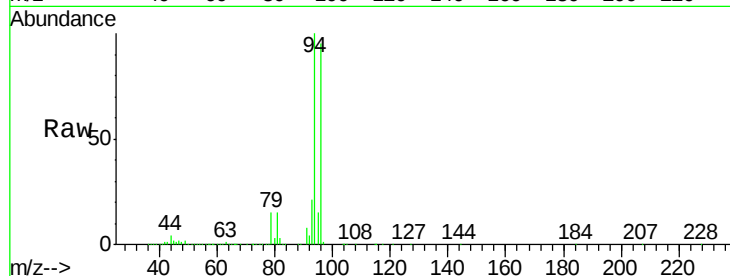
VSTDCCC050

Tot Ion: 94 Resp: 77844

Ion Ratio Lower Upper

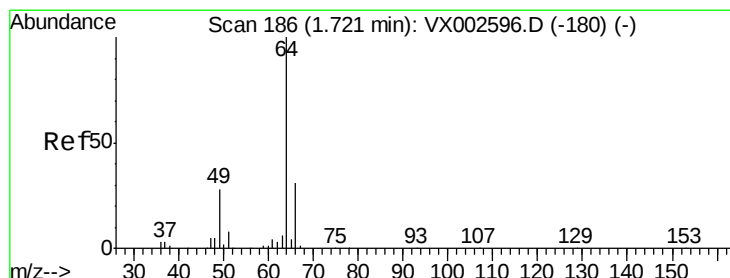
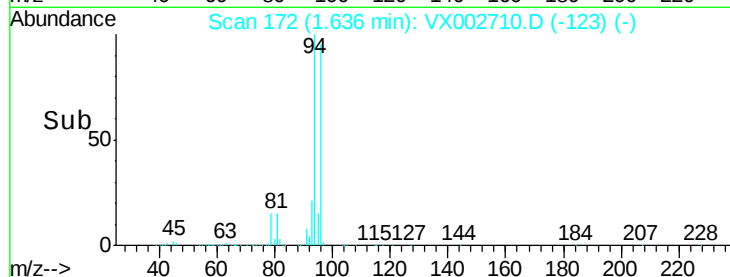
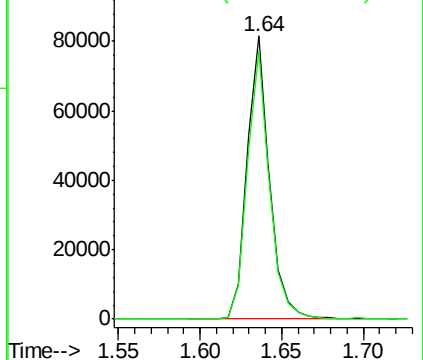
94 100

96 94.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.09 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002710.D

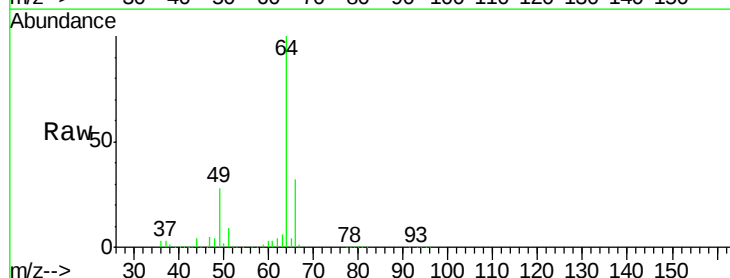
Acq: 19 Jun 2018 13:41

Tgt Ion: 64 Resp: 93509

Ion Ratio Lower Upper

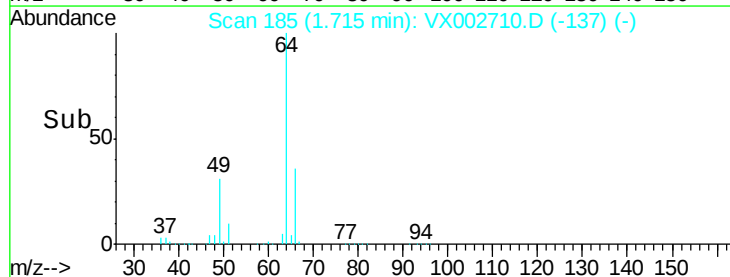
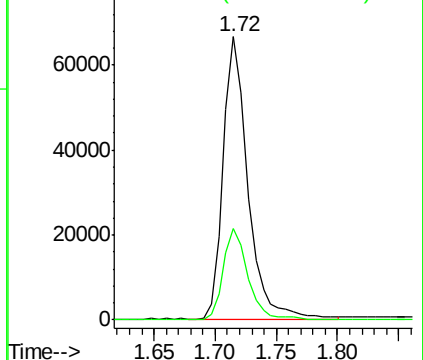
64 100

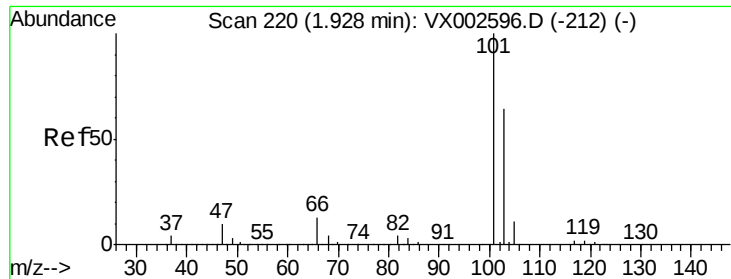
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



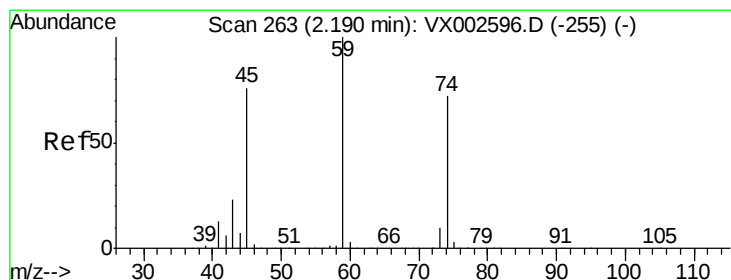
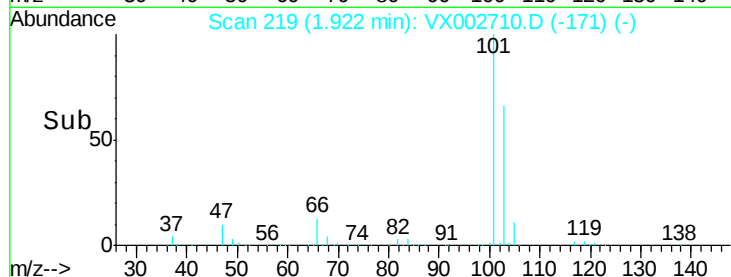
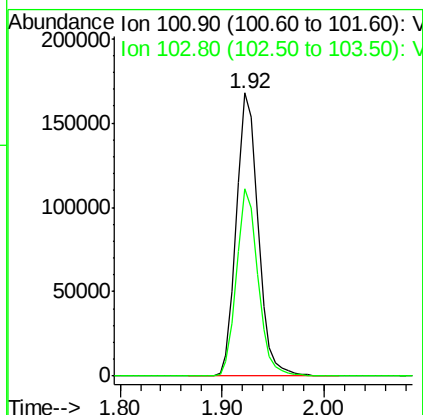
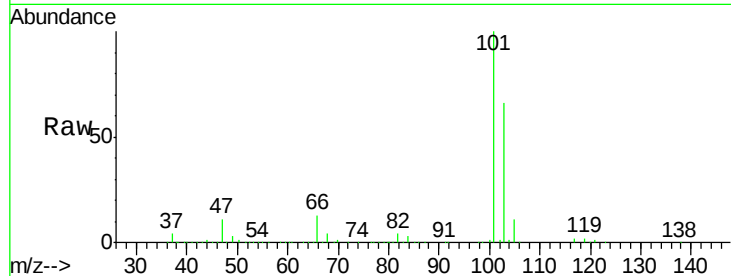


#7

Trichlorofluoromethane
 Concen: 46.18 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

Instrument :
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 ClientSampleId :
 VSTDCCC050

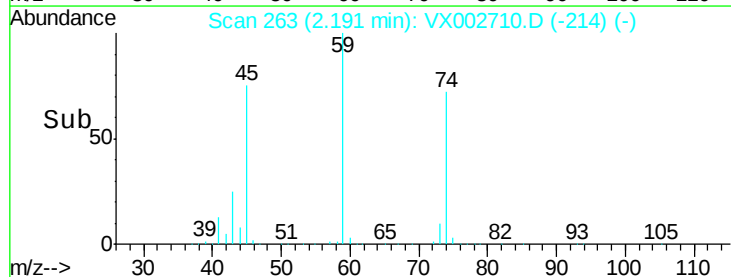
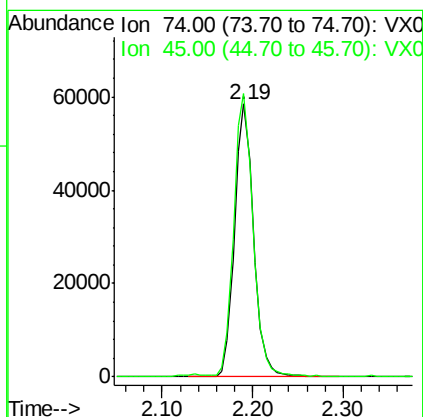
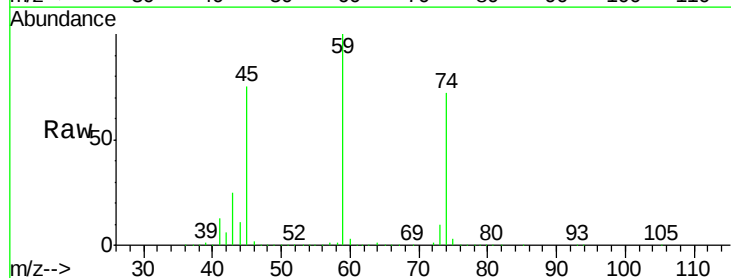
Tot Ion:101 Resp: 247054
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.8 79.2

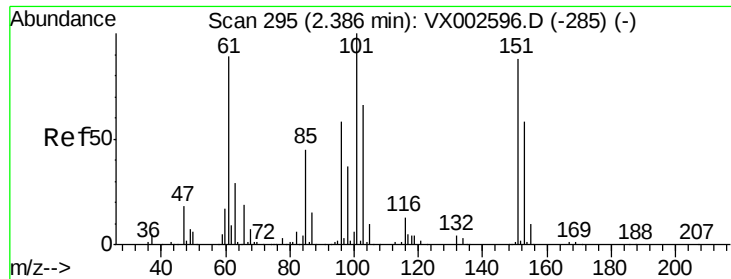


#8

Diethyl Ether
 Concen: 41.82 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

Tgt Ion: 74 Resp: 85084
 Ion Ratio Lower Upper
 74 100
 45 105.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.55 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

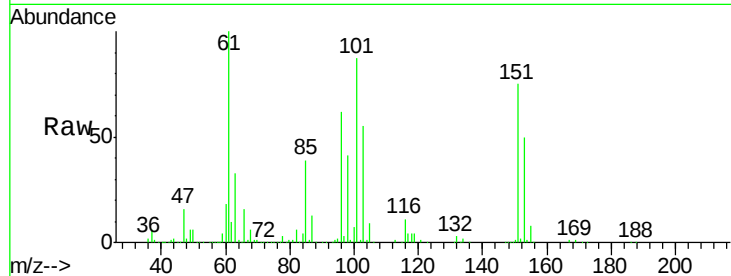
Tot Ion:101 Resp: 142189

Ion Ratio Lower Upper

101 100

85 45.8 36.0 54.0

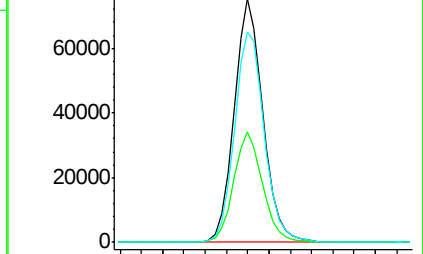
151 89.7 70.9 106.3



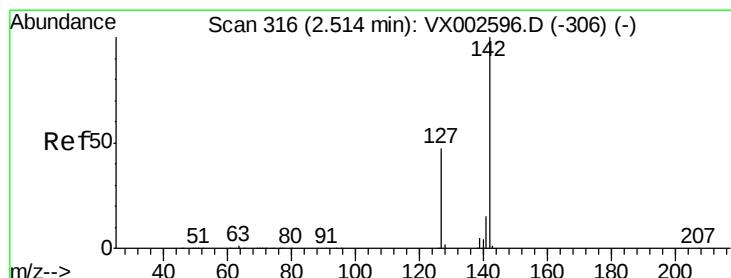
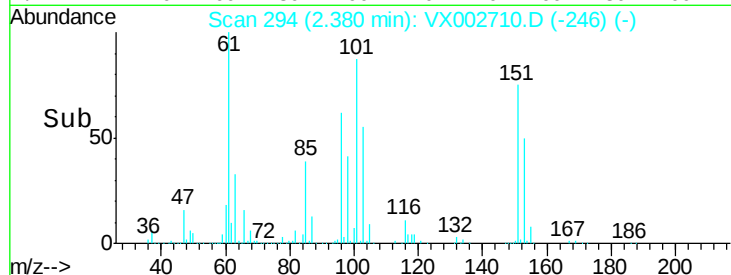
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 39.72 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

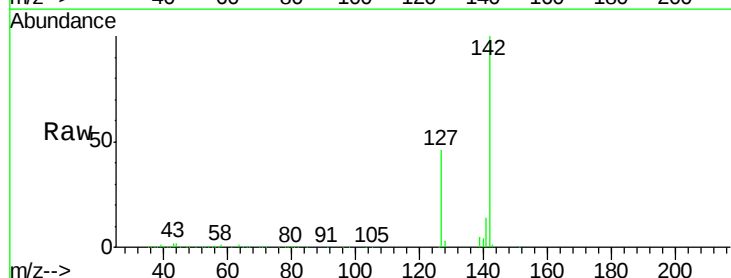
Tgt Ion:142 Resp: 155497

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

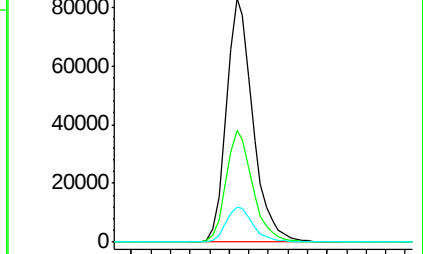
141 14.8 11.3 16.9



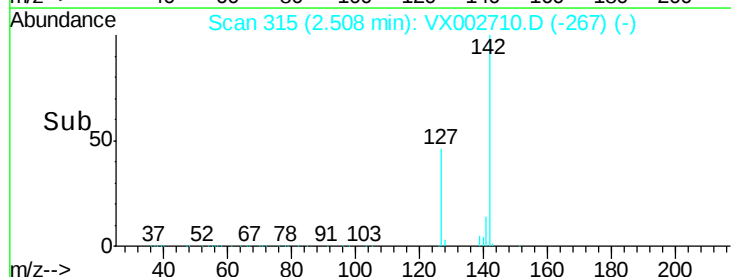
Abundance Ion 141.80 (141.50 to 142.50): V

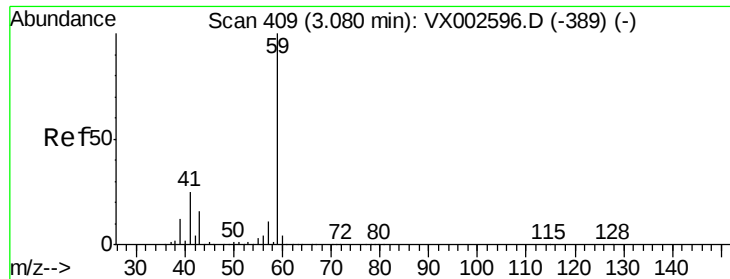
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->





#11

Tert butyl alcohol

Concen: 204.59 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

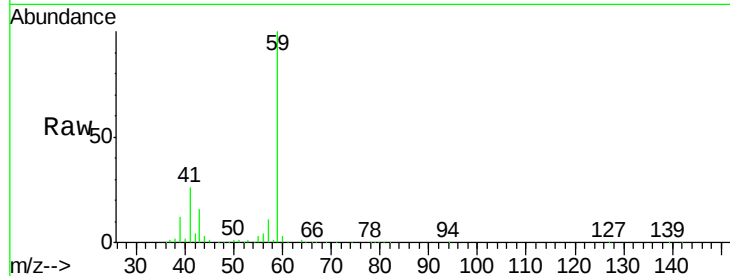
VSTDCCC050

Tot Ion: 59 Resp: 161494

Ion Ratio Lower Upper

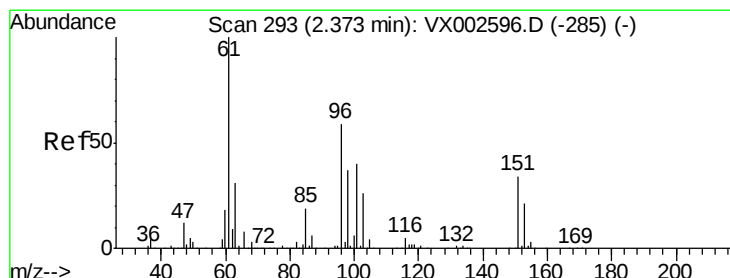
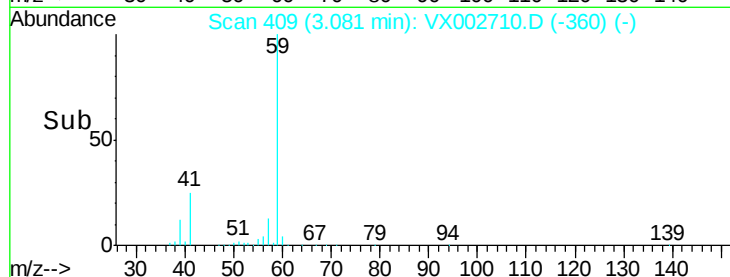
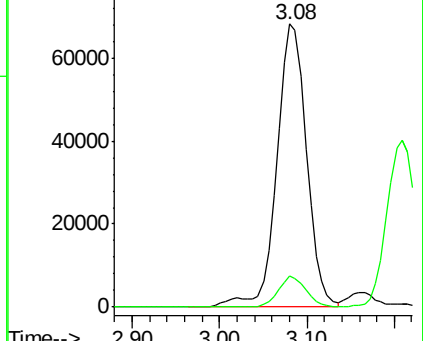
59 100

57 10.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 43.69 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

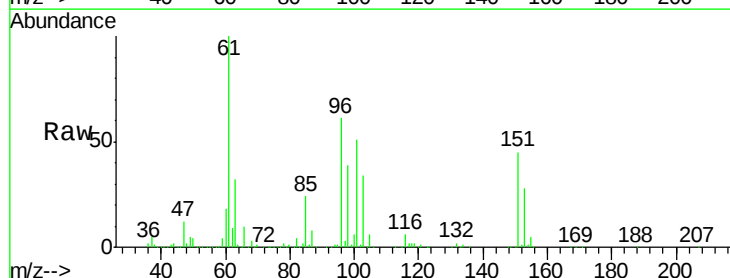
Tgt Ion: 96 Resp: 122675

Ion Ratio Lower Upper

96 100

61 164.9 137.9 206.9

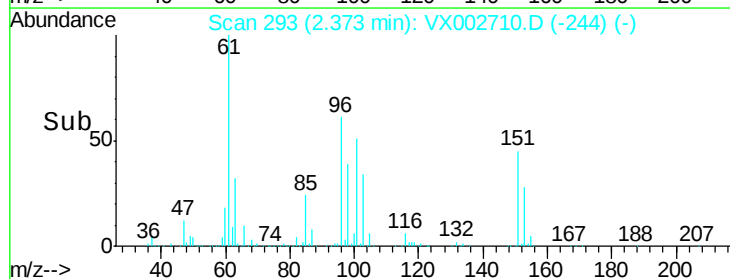
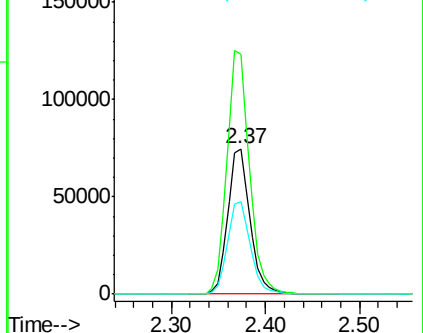
98 64.2 51.6 77.4

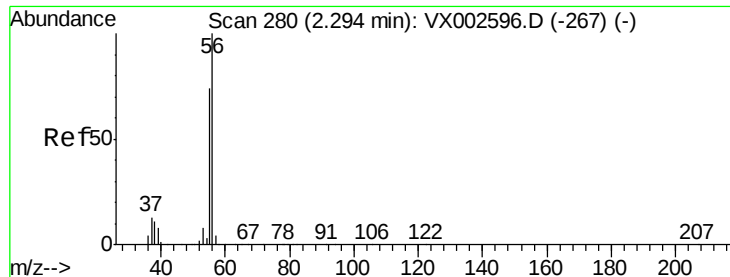


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 322.58 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

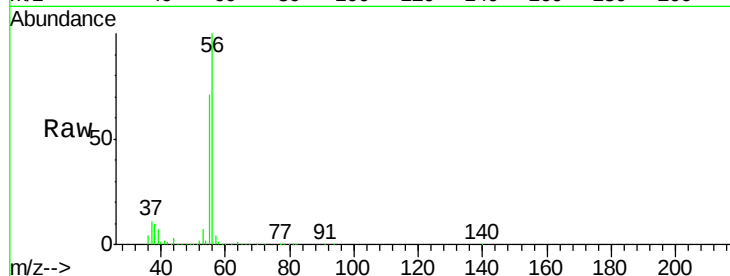
VSTDCCC050

Tot Ion: 56 Resp: 120132

Ion Ratio Lower Upper

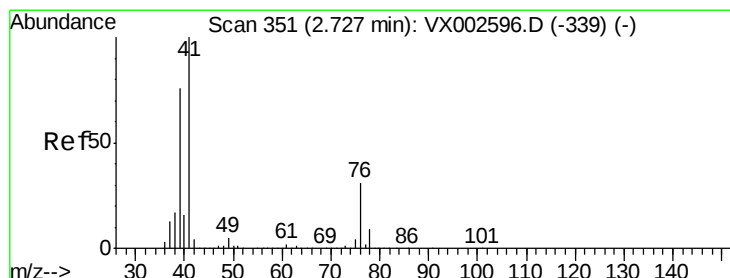
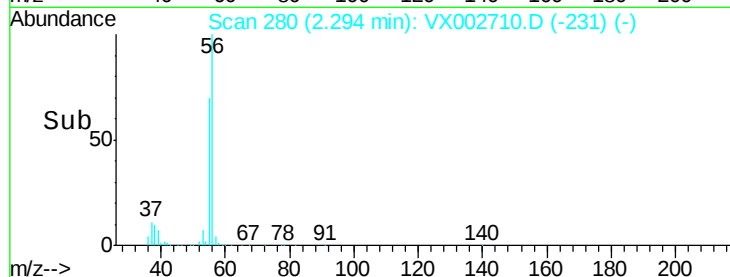
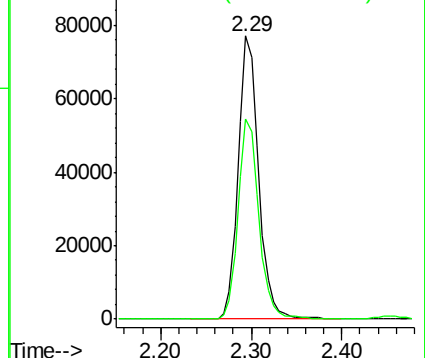
56 100

55 71.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

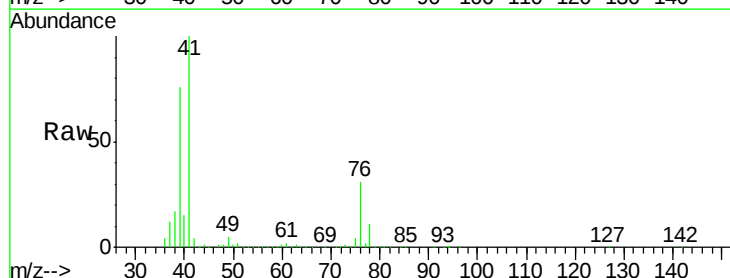
Tgt Ion: 41 Resp: 240948

Ion Ratio Lower Upper

41 100

39 72.9 56.8 85.2

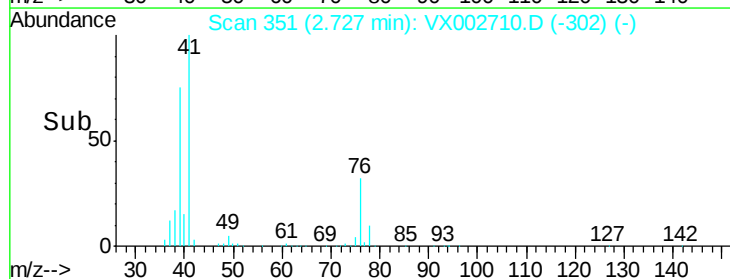
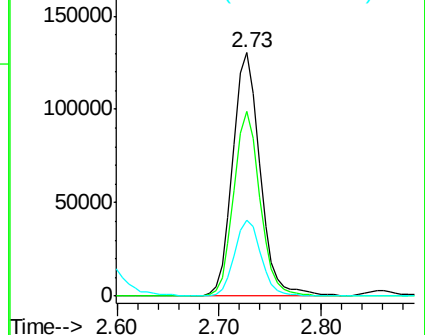
76 30.8 23.8 35.8

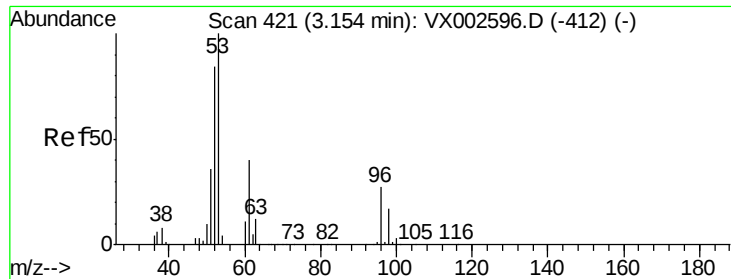


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 209.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

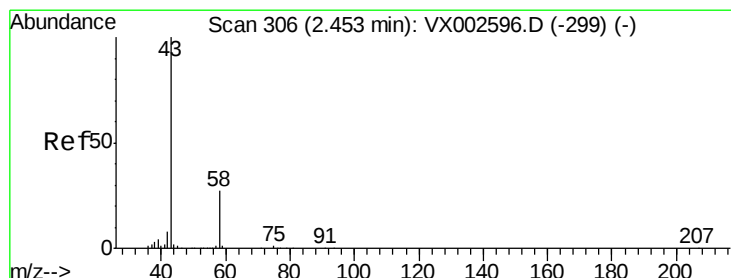
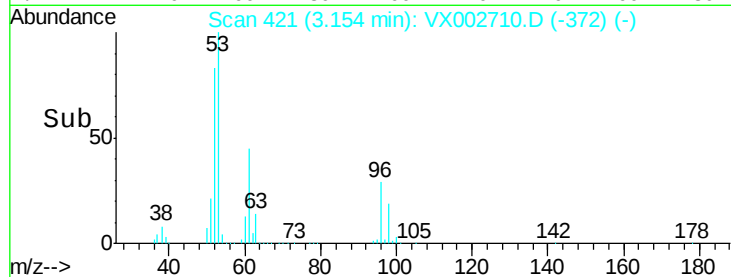
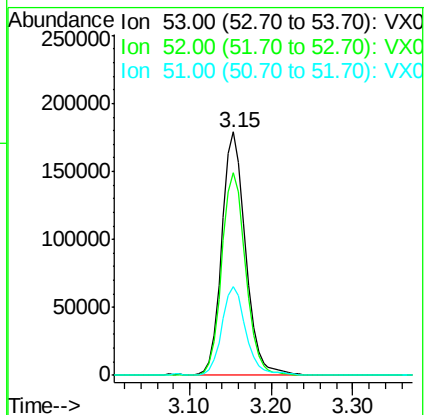
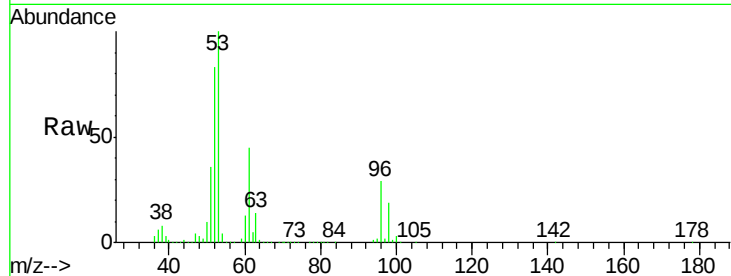
Tot Ion: 53 Resp: 360018

Ion Ratio Lower Upper

53 100

52 83.8 66.7 100.1

51 37.1 29.9 44.9



#16

Acetone

Concen: 218.02 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002710.D

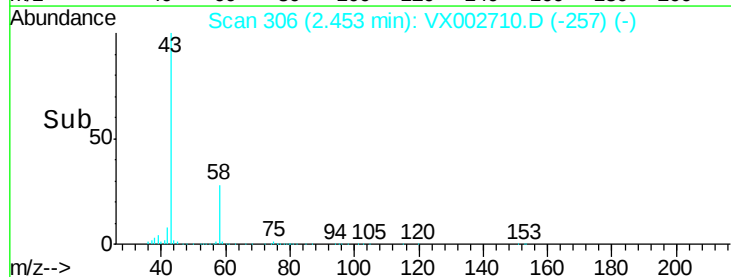
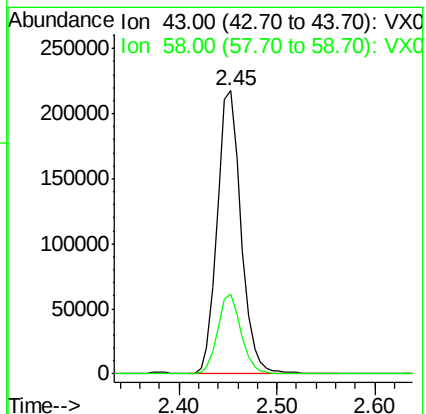
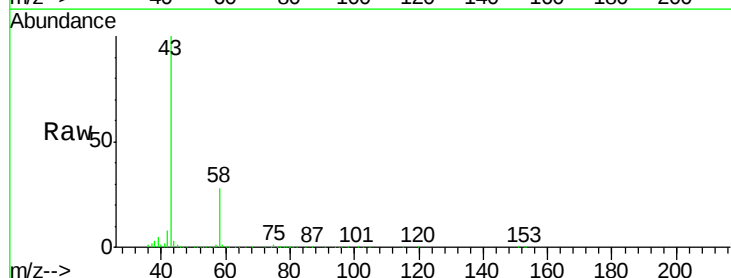
Acq: 19 Jun 2018 13:41

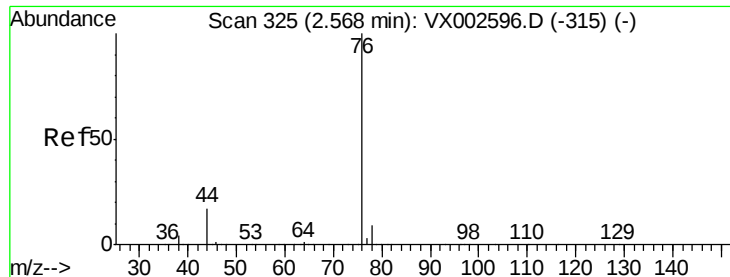
Tgt Ion: 43 Resp: 367286

Ion Ratio Lower Upper

43 100

58 28.1 22.1 33.1

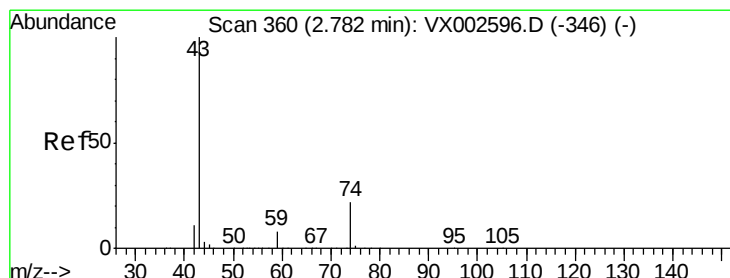
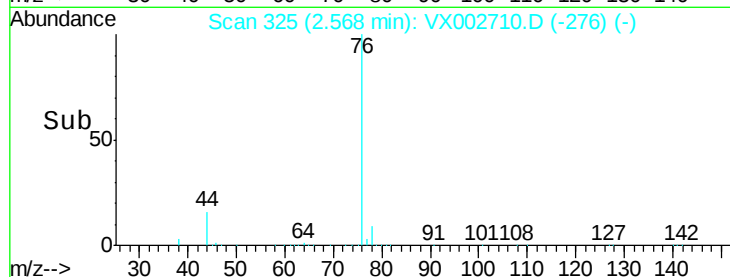
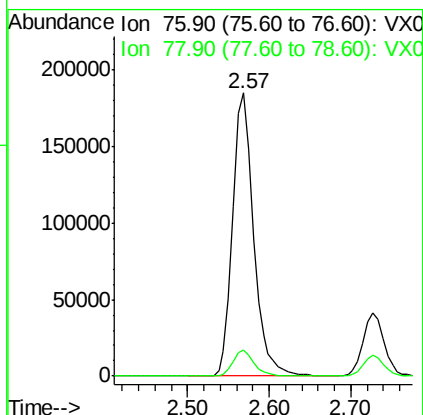
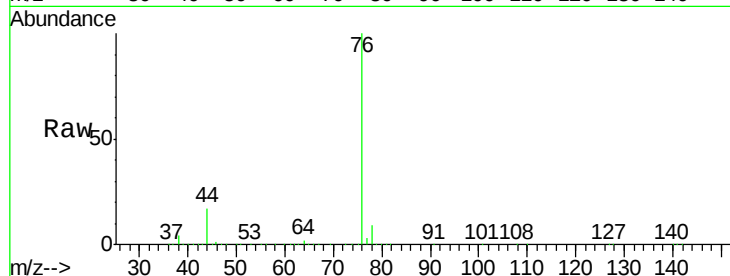




#17
Carbon Disulfide
Concen: 49.21 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

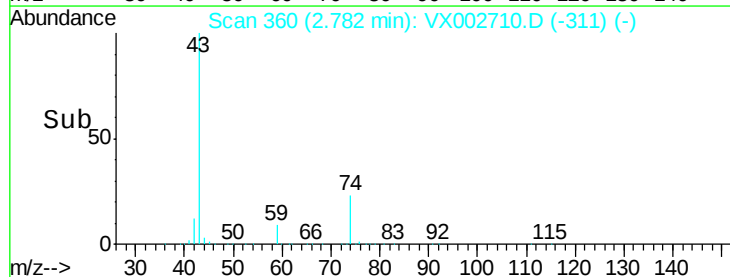
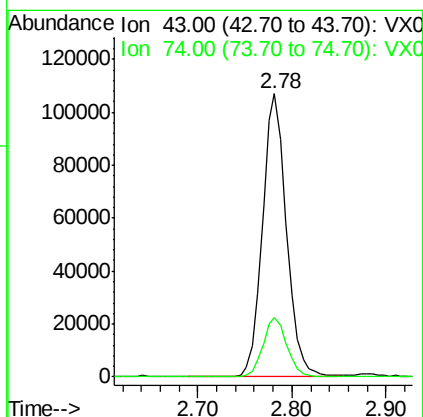
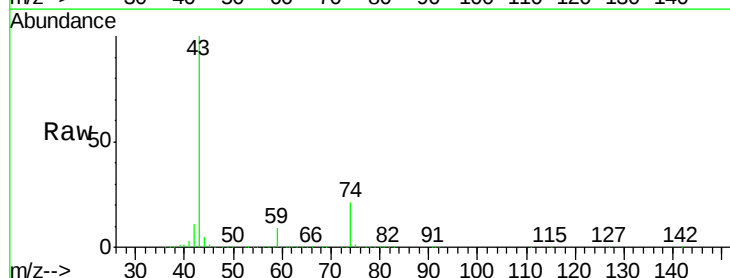
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

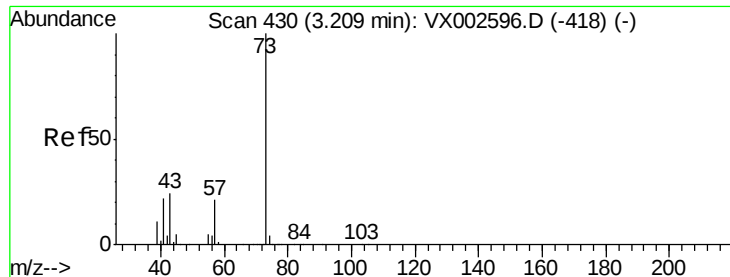
Tot Ion: 76 Resp: 327661
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 42.54 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion: 43 Resp: 190916
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1



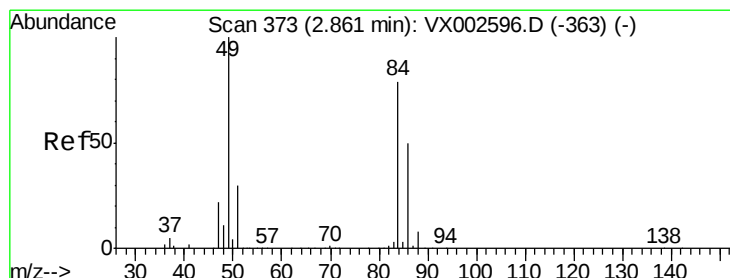
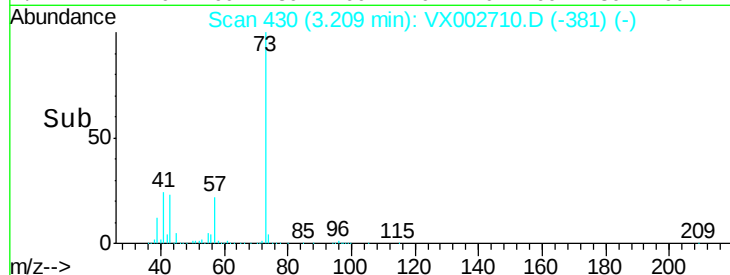
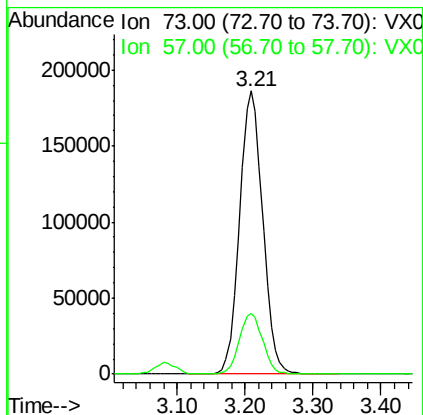
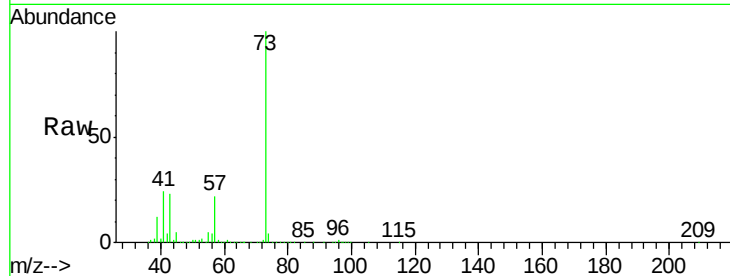


#19

Methyl tert-butyl Ether
 Concen: 41.71 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

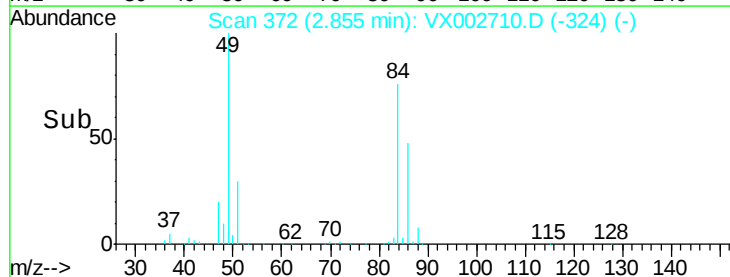
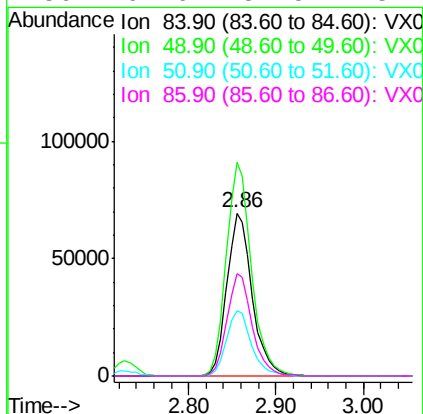
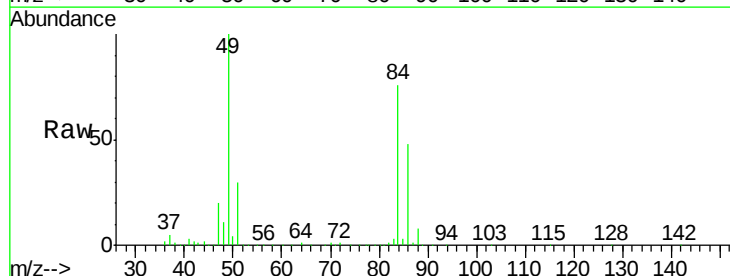
Tot Ion: 73 Resp: 439337
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.7 26.5

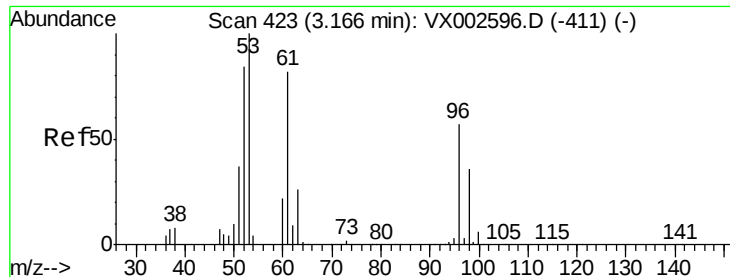


#20

Methylene Chloride
 Concen: 40.15 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

Tgt Ion: 84 Resp: 138681
 Ion Ratio Lower Upper
 84 100
 49 131.3 107.8 161.6
 51 40.0 32.8 49.2
 86 62.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 43.23 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

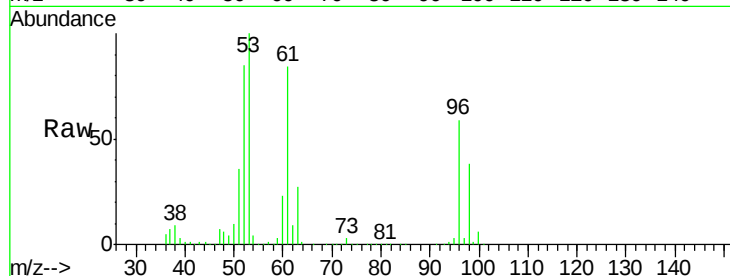
Tot Ion: 96 Resp: 131688

Ion Ratio Lower Upper

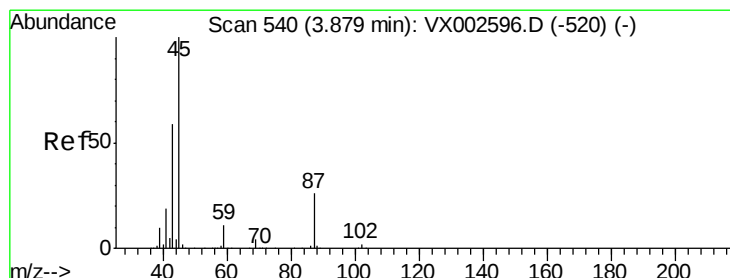
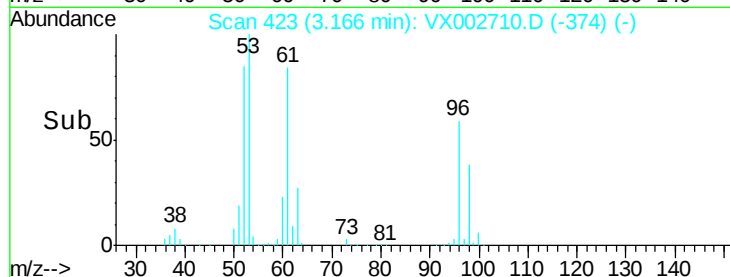
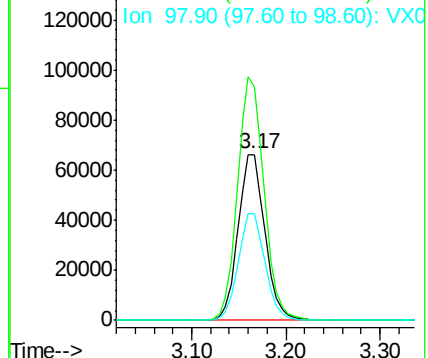
96 100

61 140.4 117.0 175.4

98 64.4 52.4 78.6



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



#22

Diisopropyl ether

Concen: 42.37 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Tgt Ion: 45 Resp: 427295

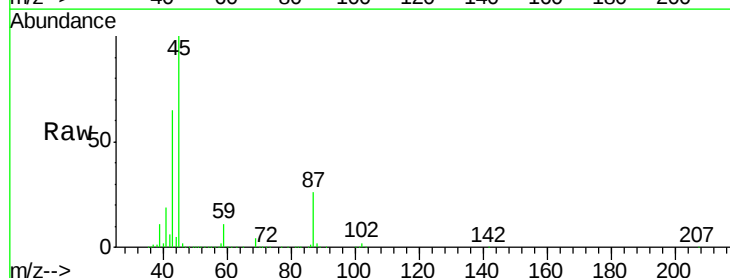
Ion Ratio Lower Upper

45 100

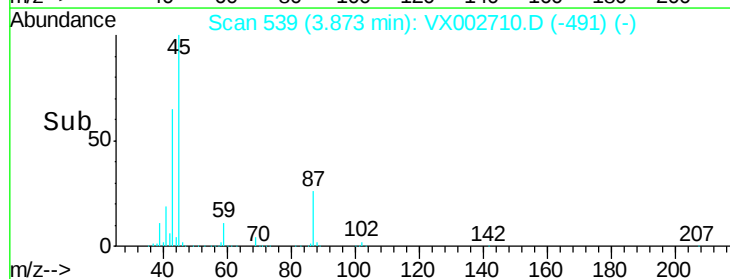
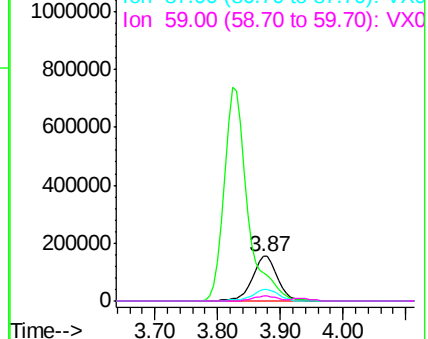
43 64.5 46.8 70.2

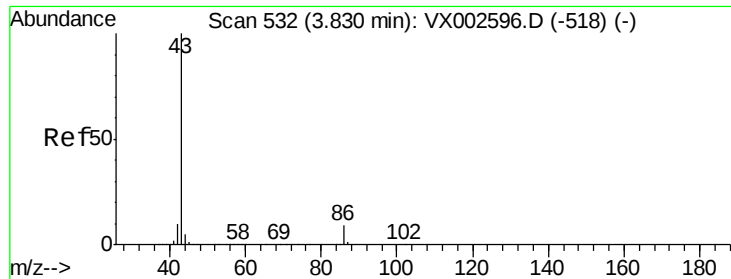
87 26.3 20.2 30.4

59 11.0 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 226.69 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

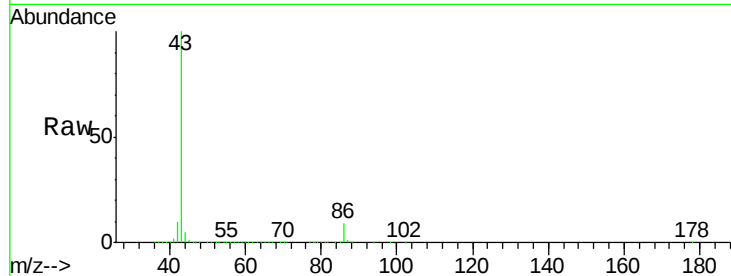
VSTDCCC050

Tot Ion: 43 Resp: 1913580

Ion Ratio Lower Upper

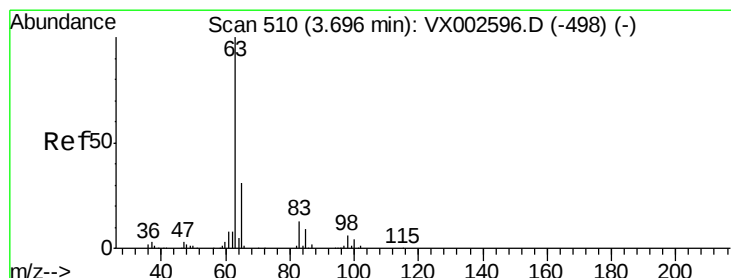
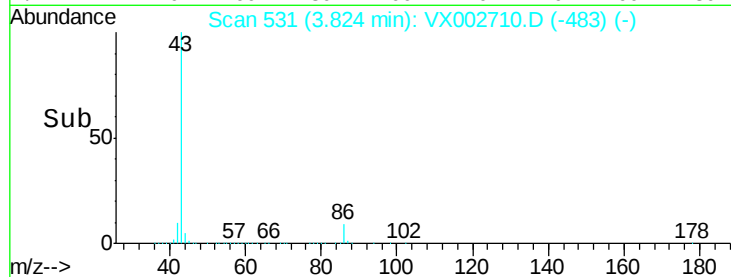
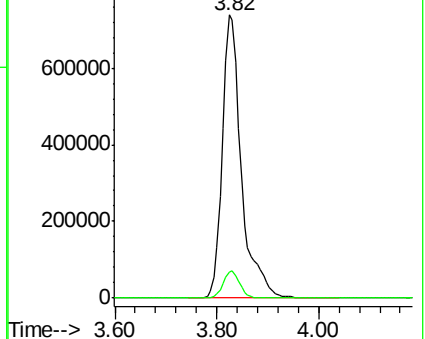
43 100

86 9.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.92 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

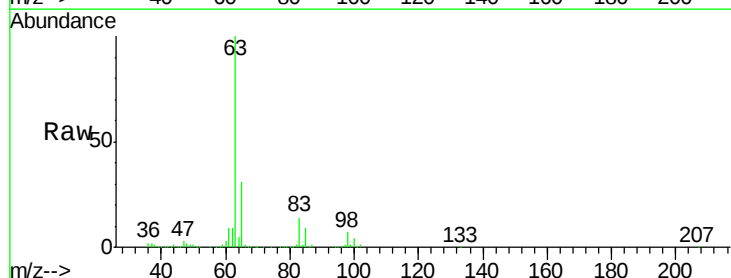
Tgt Ion: 63 Resp: 251377

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

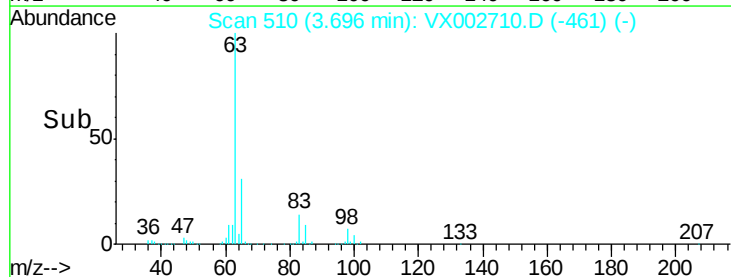
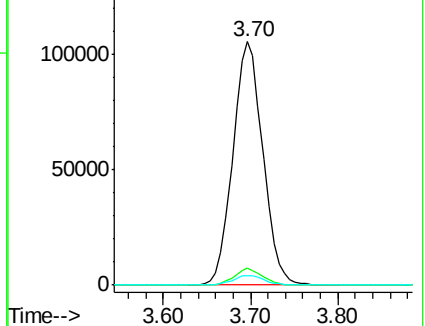
100 4.0 2.0 6.0

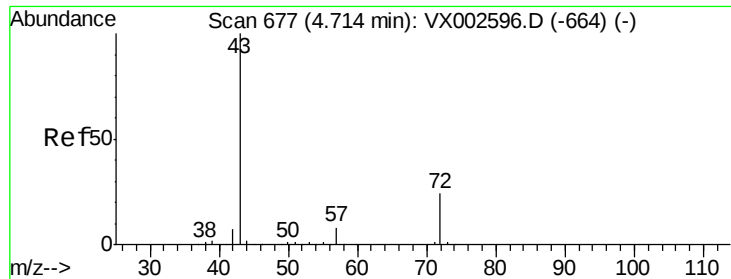


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 224.73 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

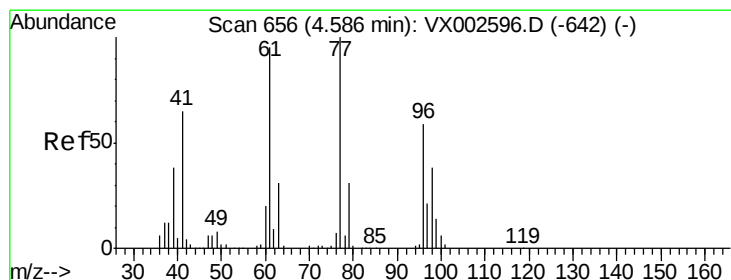
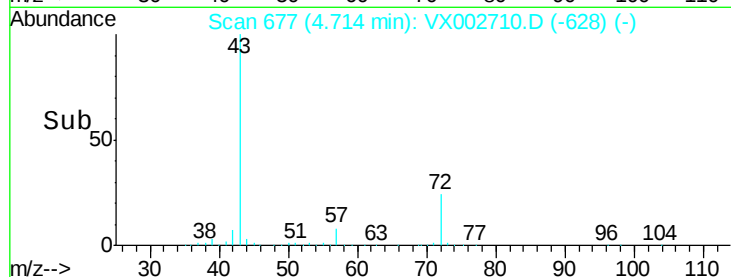
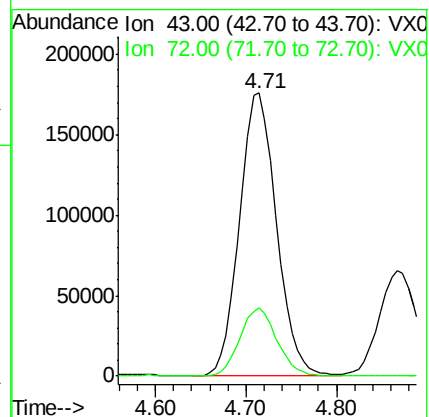
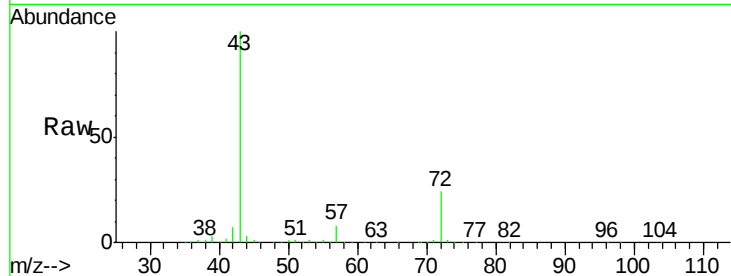
VSTDCCC050

Tot Ion: 43 Resp: 497198

Ion Ratio Lower Upper

43 100

72 24.2 18.5 27.7



#26

2,2-Dichloropropane

Concen: 47.93 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002710.D

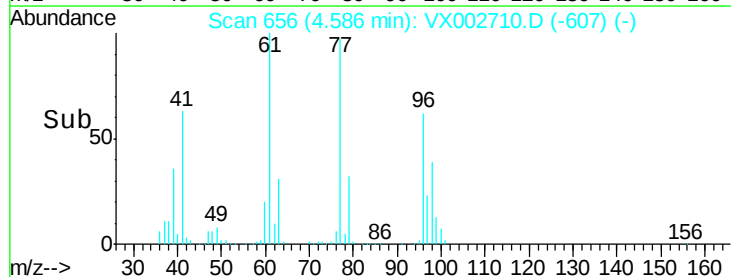
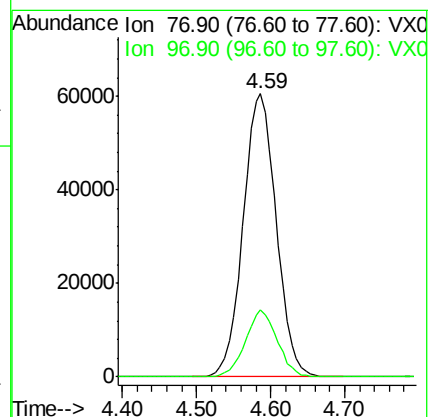
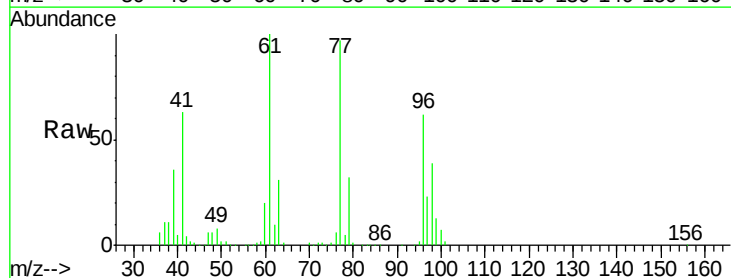
Acq: 19 Jun 2018 13:41

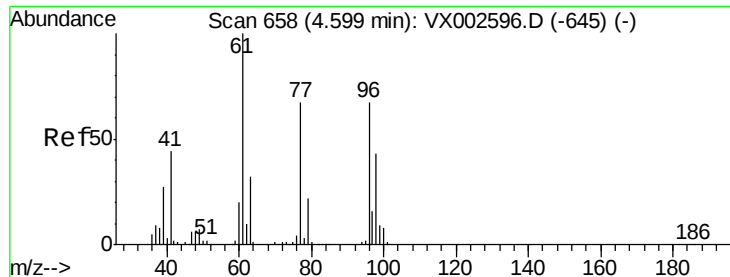
Tgt Ion: 77 Resp: 188511

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5



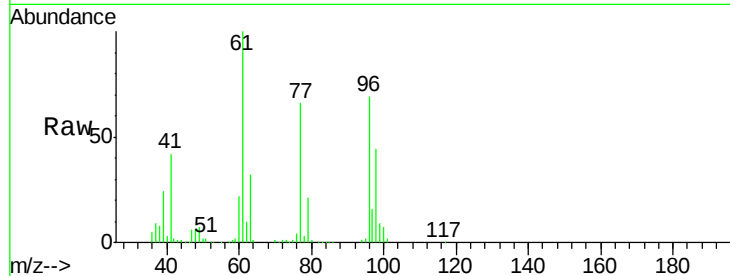


#27

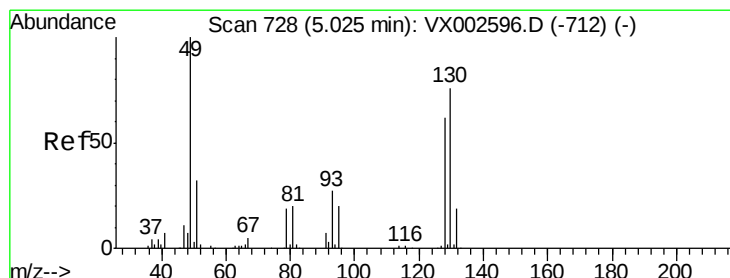
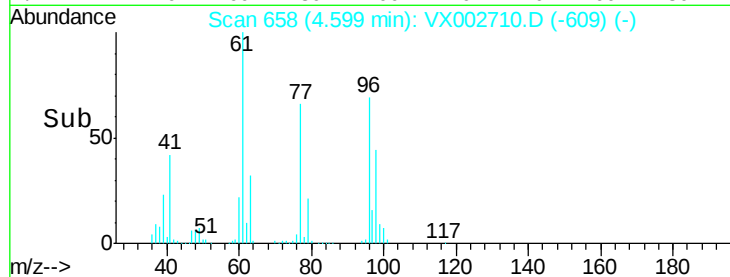
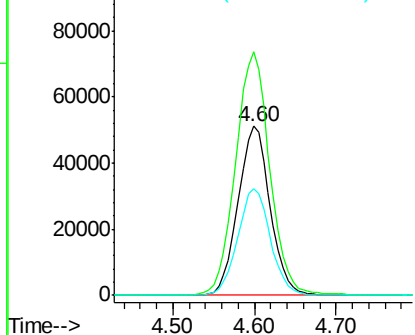
cis-1,2-Dichloroethene
Concen: 44.85 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.6	0.0	330.2
98	64.8	0.0	130.2



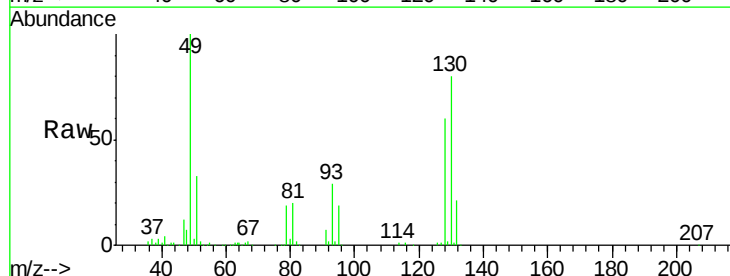
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



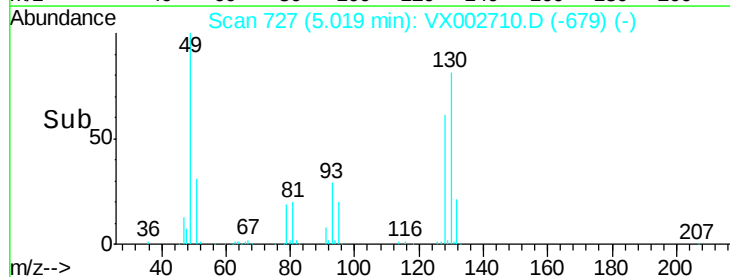
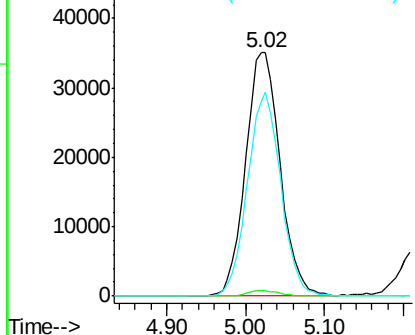
#28

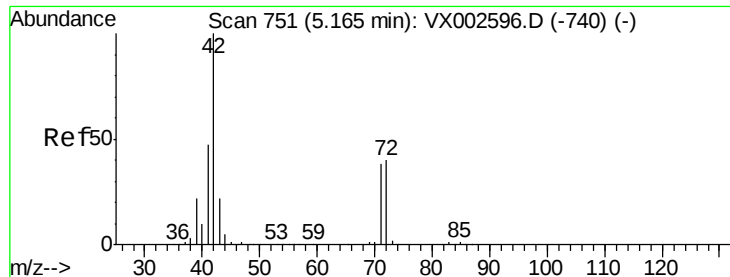
Bromochloromethane
Concen: 41.75 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	80.6	61.2	91.8



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

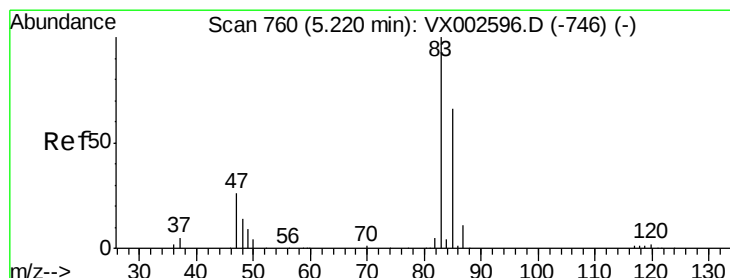
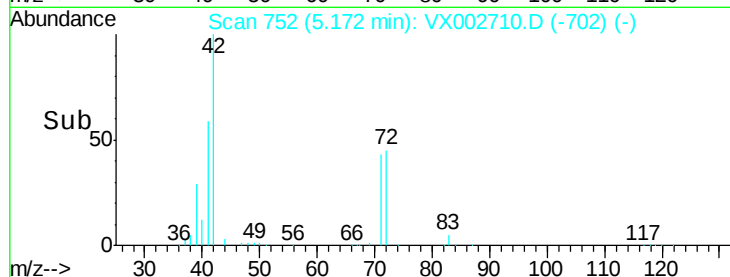
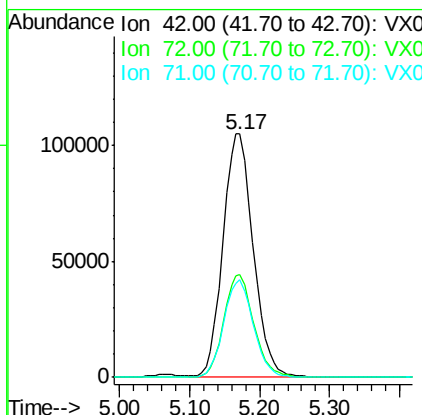
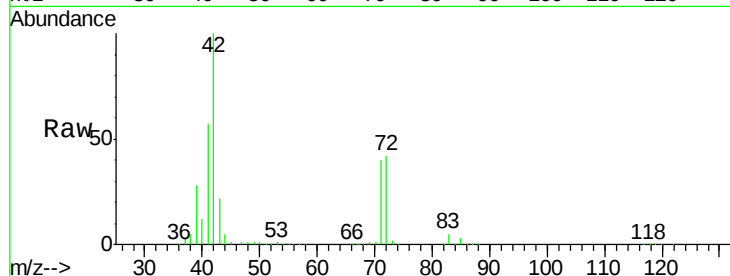




#29
Tetrahydrofuran
Concen: 216.82 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

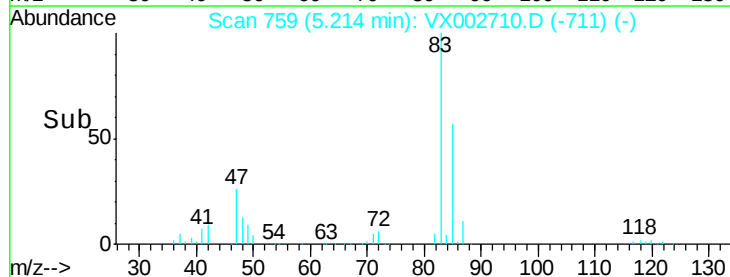
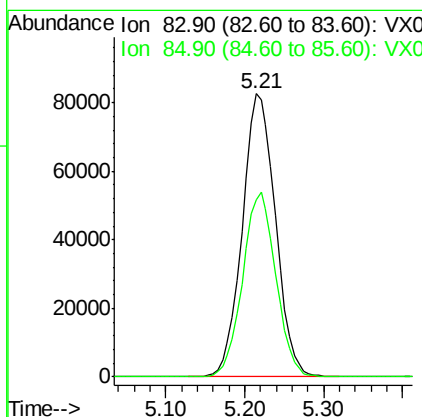
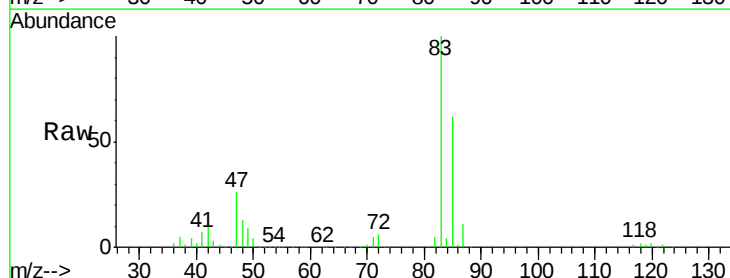
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

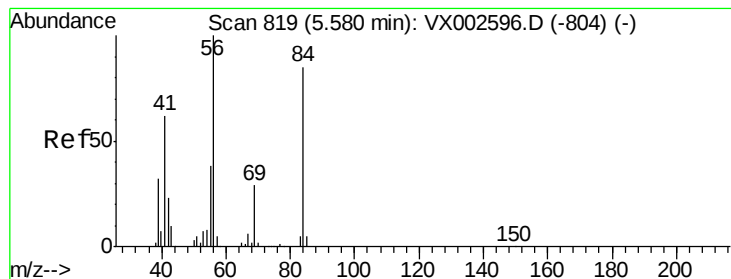
Tot Ion: 42 Resp: 314377
Ion Ratio Lower Upper
42 100
72 42.0 32.0 48.0
71 39.5 30.1 45.1



#30
Chloroform
Concen: 45.71 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion: 83 Resp: 241308
Ion Ratio Lower Upper
83 100
85 62.5 50.4 75.6





#31

Cyclohexane

Concen: 47.68 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

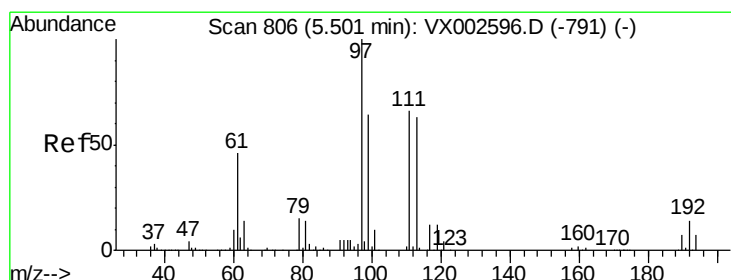
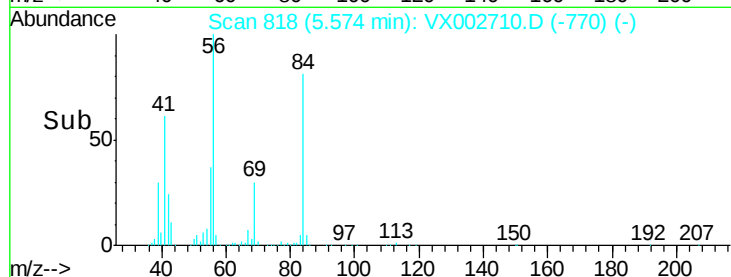
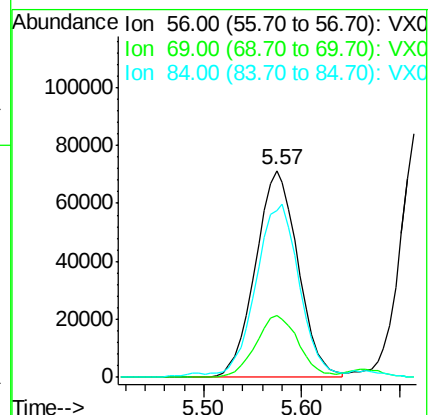
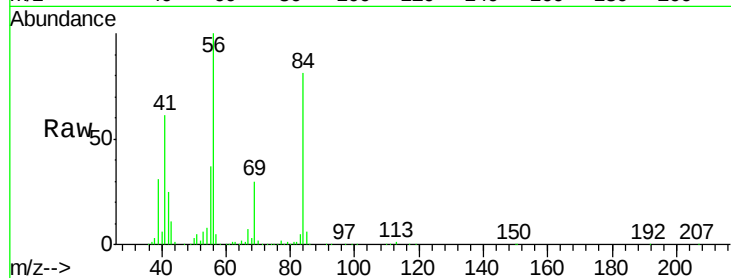
Tot Ion: 56 Resp: 214901

Ion Ratio Lower Upper

56 100

69 29.7 23.7 35.5

84 79.0 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 48.22 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

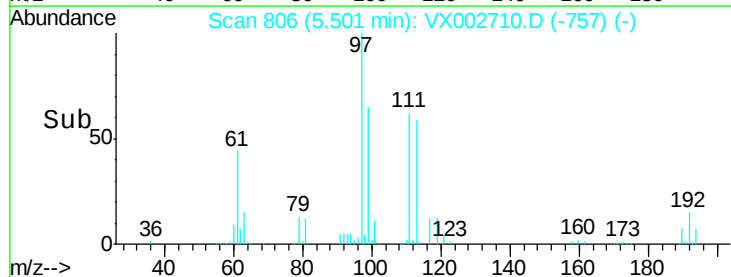
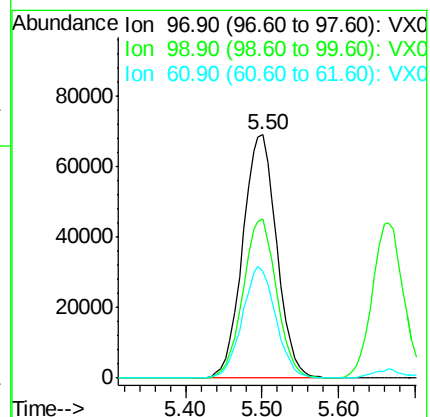
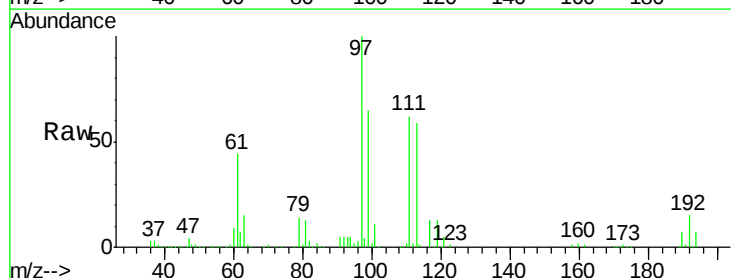
Tgt Ion: 97 Resp: 212901

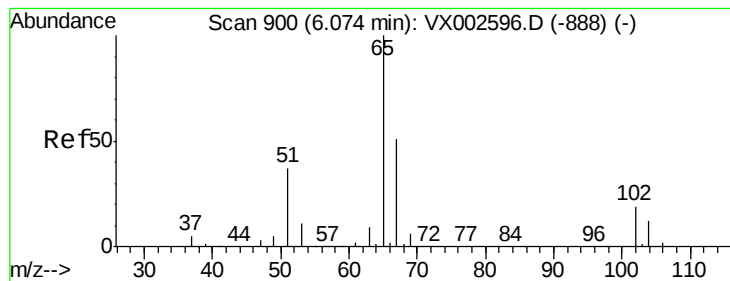
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 45.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 39.42 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

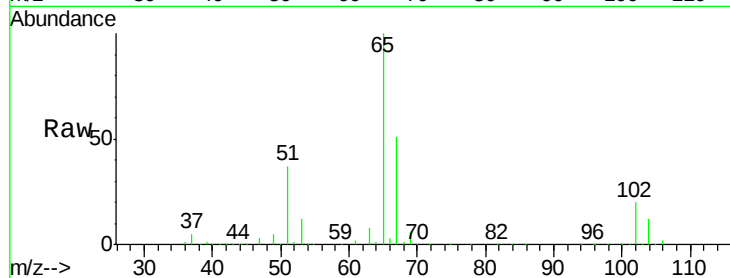
VSTDCCC050

Tot Ion: 65 Resp: 150530

Ion Ratio Lower Upper

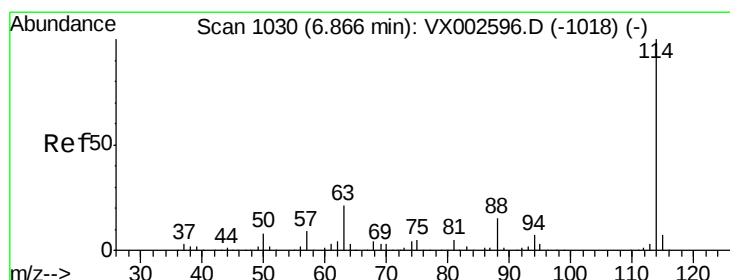
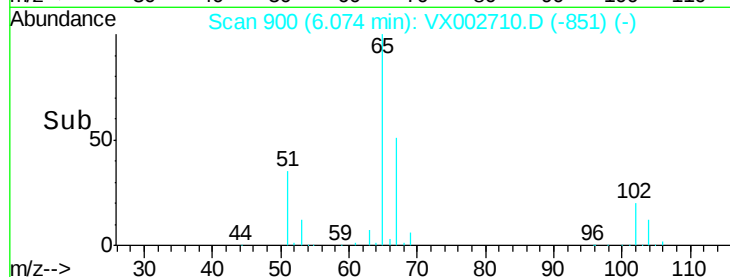
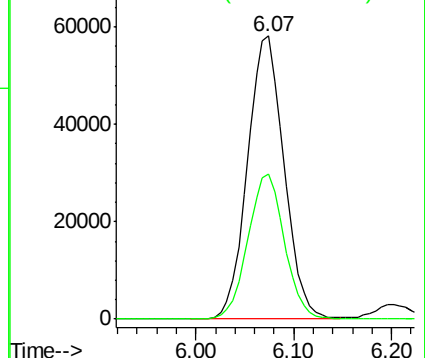
65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

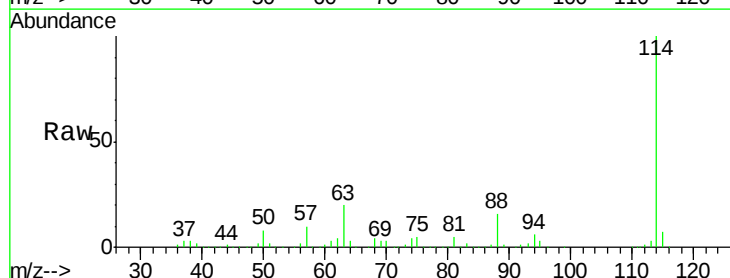
Tgt Ion: 114 Resp: 339786

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

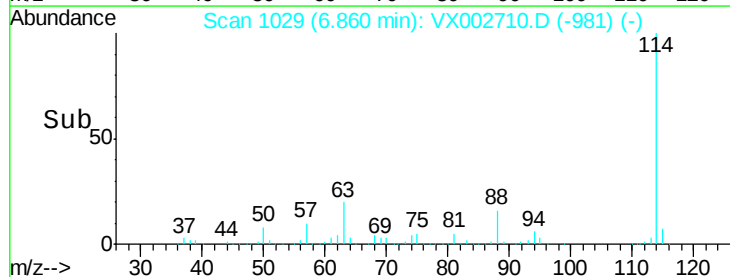
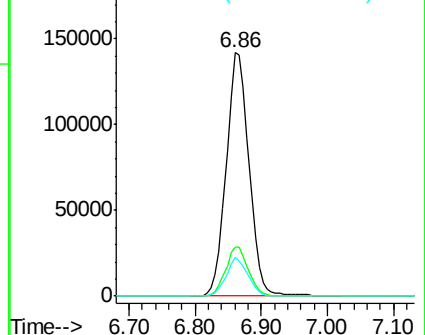
88 15.8 0.0 30.0

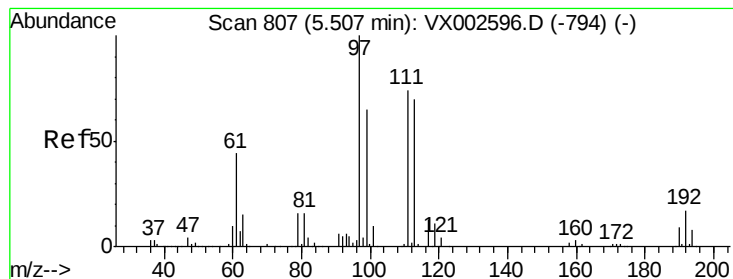


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

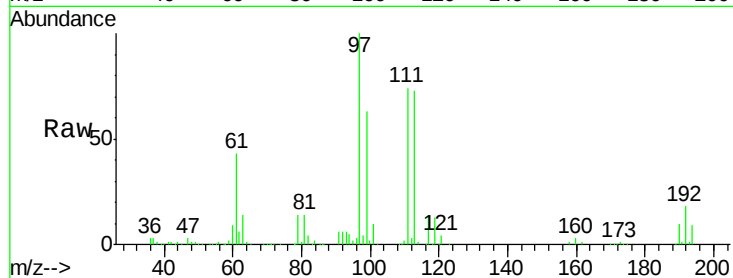
Tot Ion:113 Resp: 123531

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

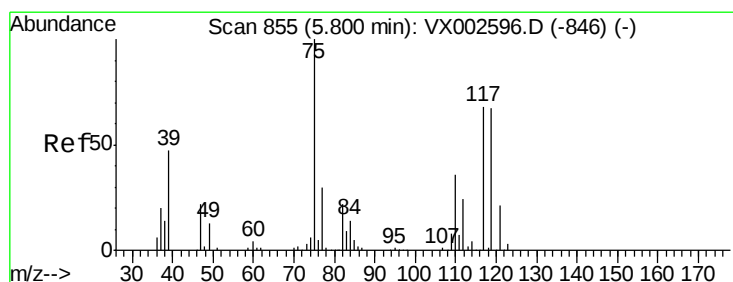
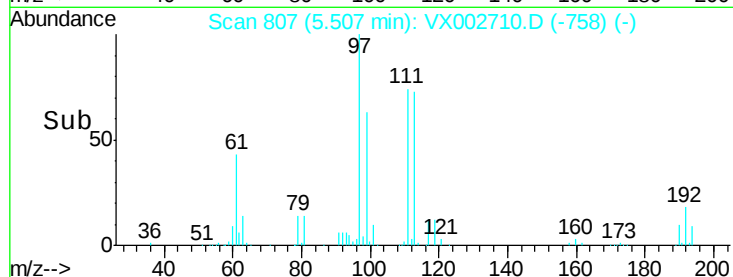
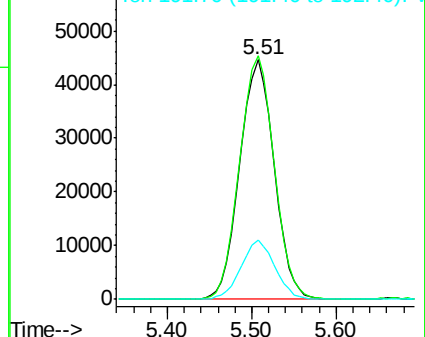
192 24.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.09 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

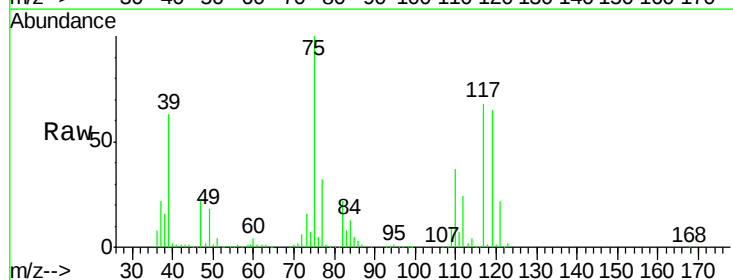
Tgt Ion: 75 Resp: 180748

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.4

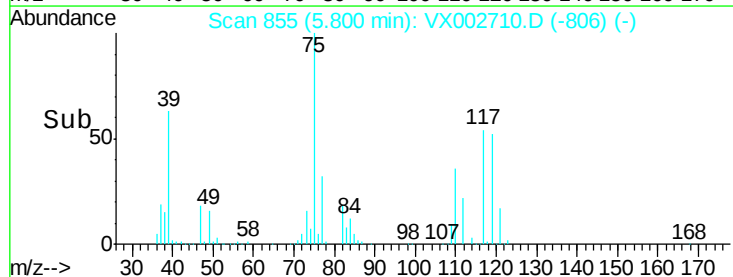
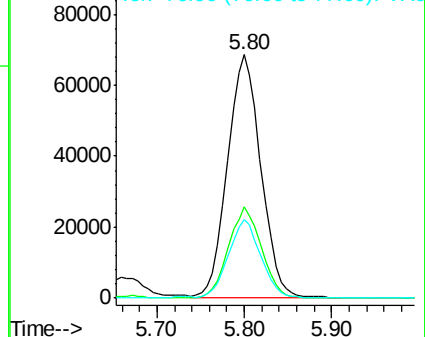
77 32.3 24.3 36.5

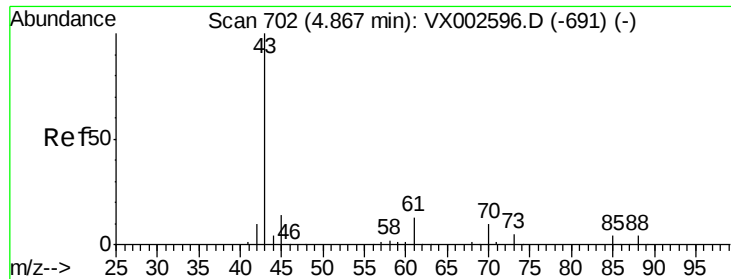


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

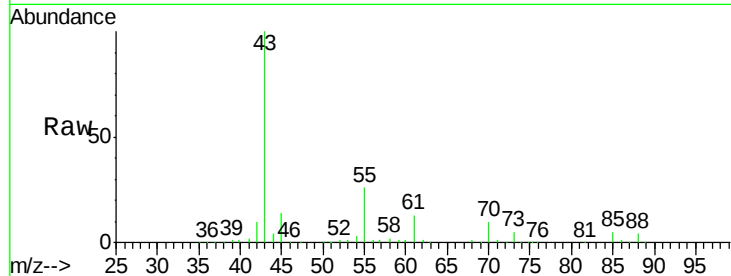




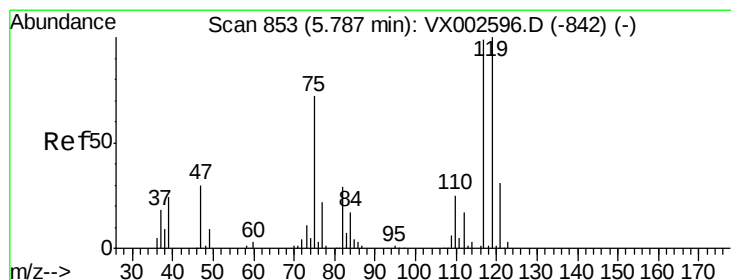
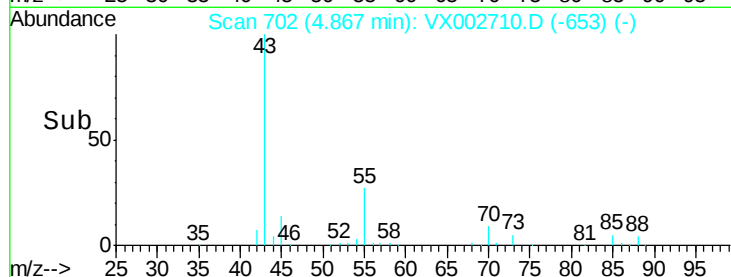
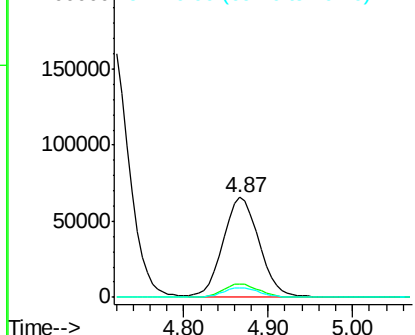
#37
Ethyl Acetate
Concen: 46.90 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 191577
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 9.7 7.6 11.4

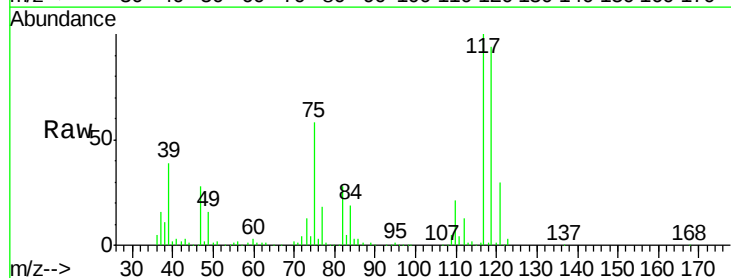


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

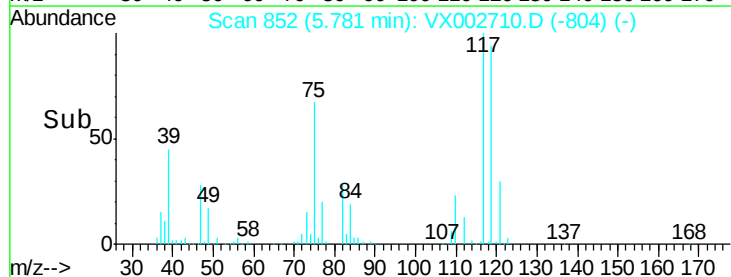
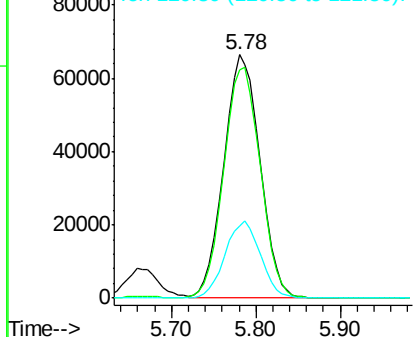


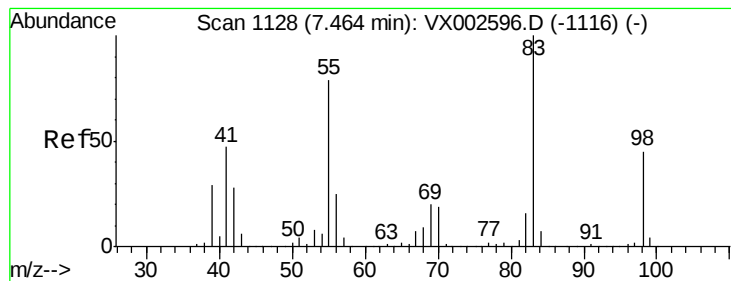
#38
Carbon Tetrachloride
Concen: 54.13 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion: 117 Resp: 194506
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.0
121 29.9 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 53.92 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

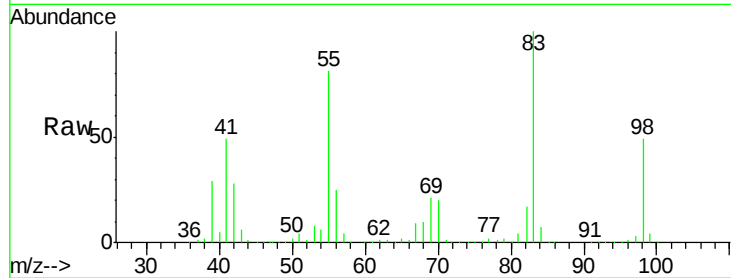
Tot Ion: 83 Resp: 227487

Ion Ratio Lower Upper

83 100

55 80.5 65.4 98.0

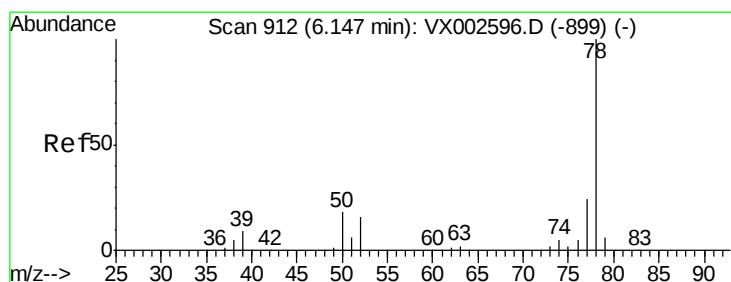
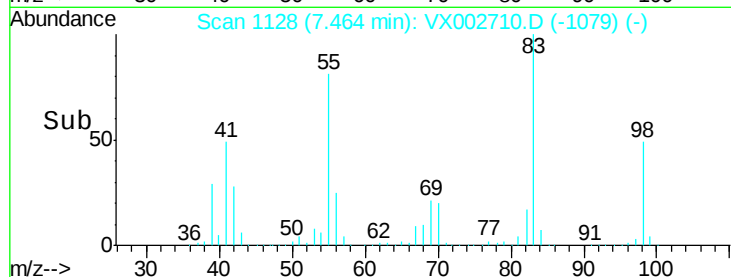
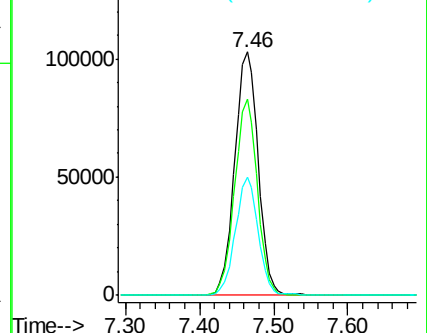
98 48.7 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 48.40 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002710.D

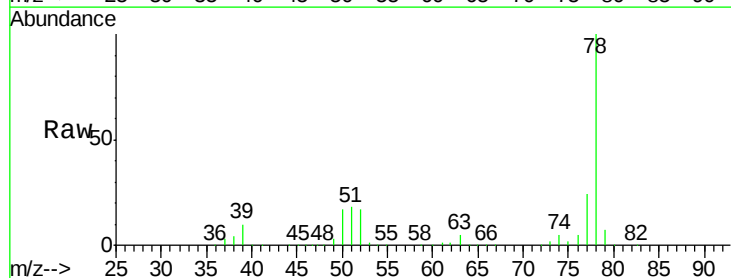
Acq: 19 Jun 2018 13:41

Tgt Ion: 78 Resp: 523721

Ion Ratio Lower Upper

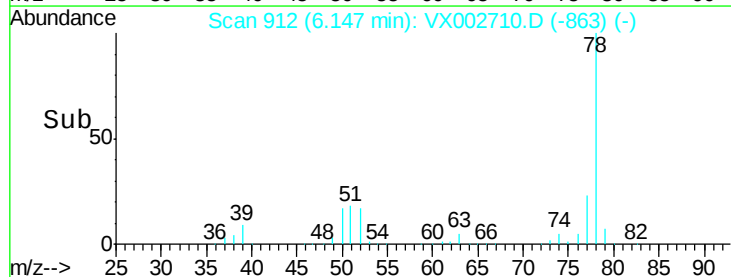
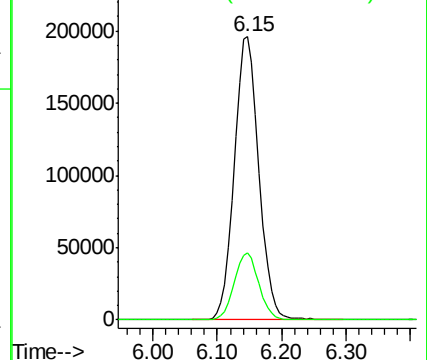
78 100

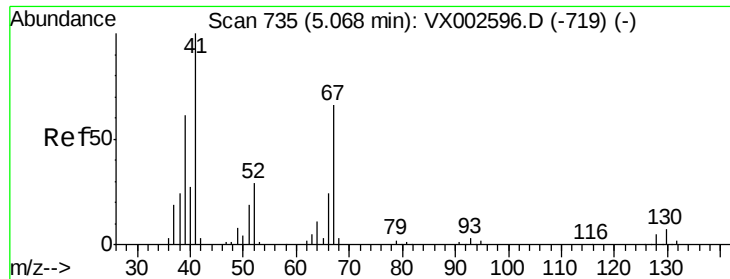
77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

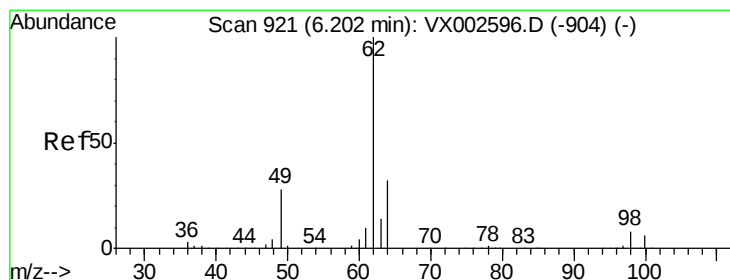
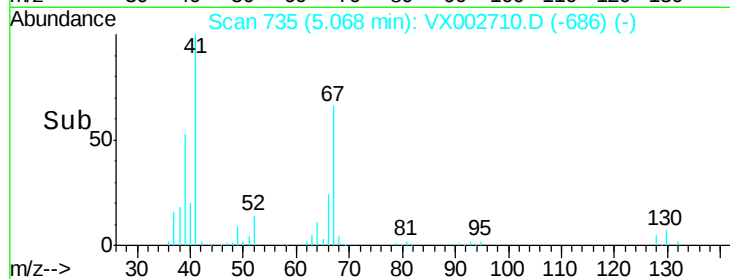
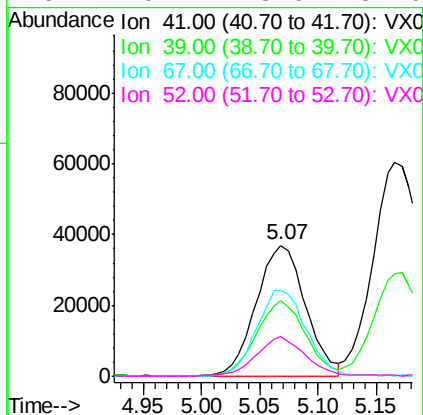
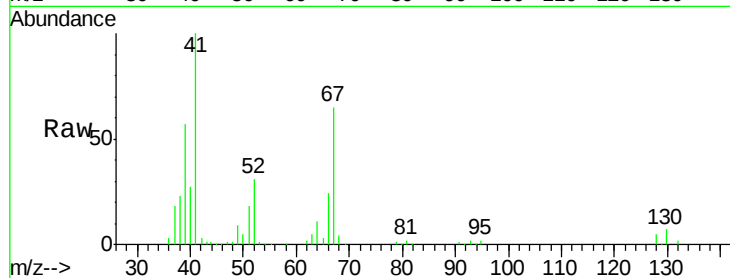




#41
Methacrylonitrile
Concen: 47.15 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

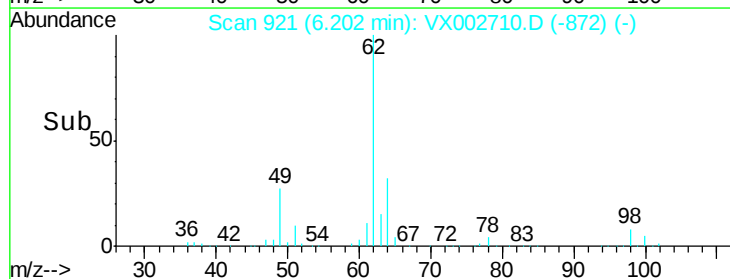
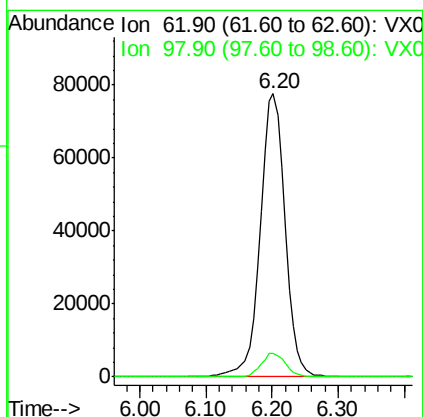
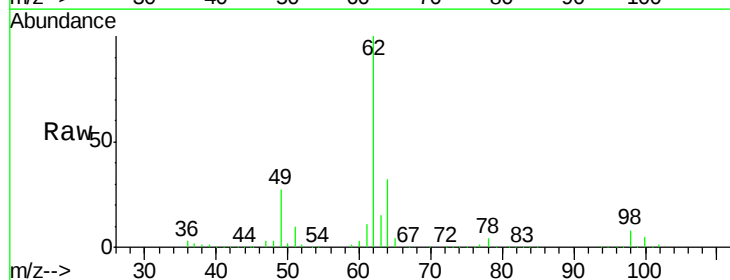
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

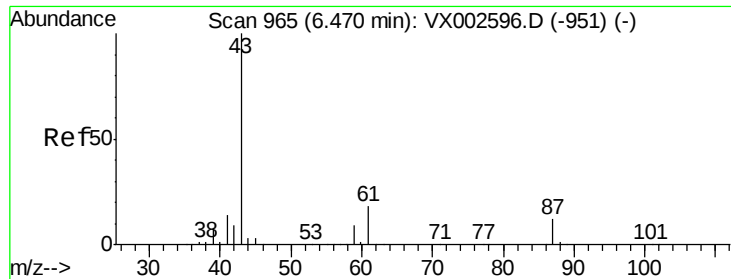
Tot Ion:	41	Resp:	108743
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.6
67	66.5	51.3	76.9
52	29.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.33 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion:	62	Resp:	202467
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 46.93 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

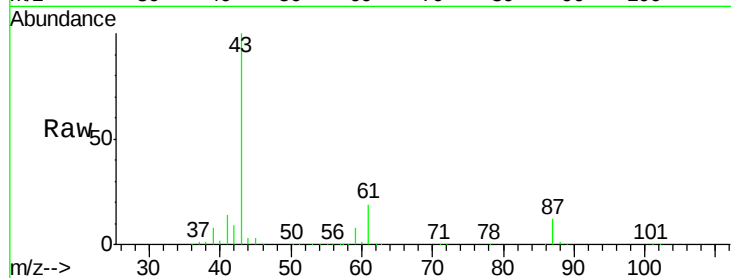
Tot Ion: 43 Resp: 317571

Ion Ratio Lower Upper

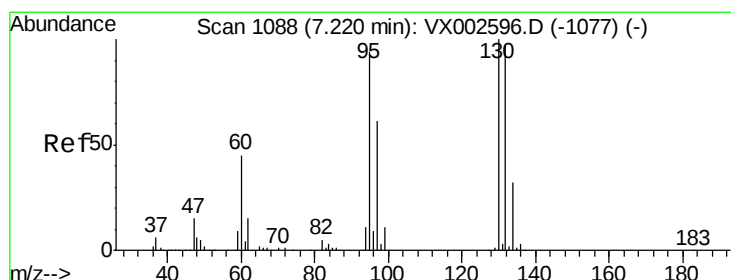
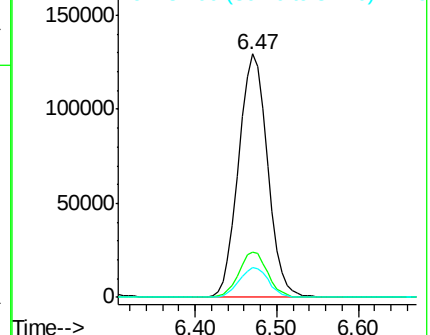
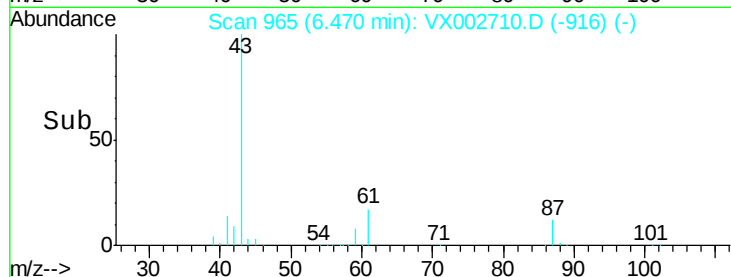
43 100

61 18.5 14.4 21.6

87 12.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002710.D (-916) (-)



#44

Trichloroethene

Concen: 49.36 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002710.D

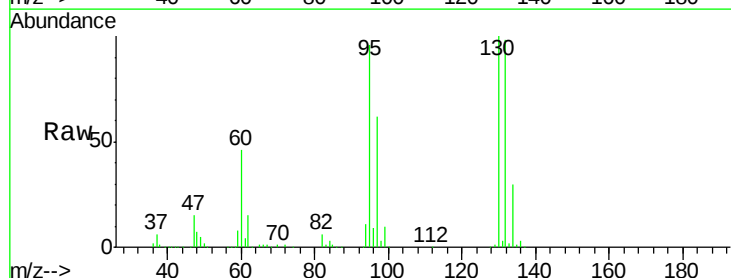
Acq: 19 Jun 2018 13:41

Tgt Ion: 130 Resp: 154159

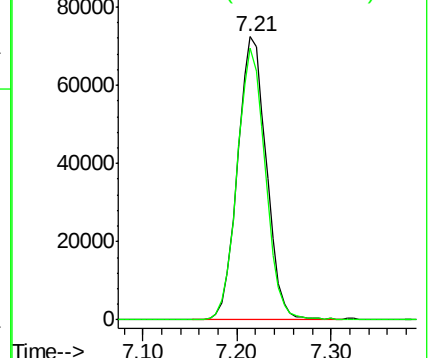
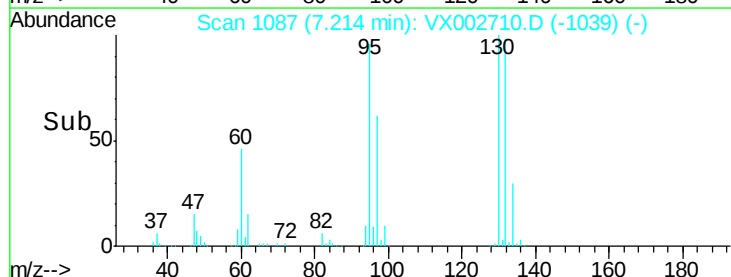
Ion Ratio Lower Upper

130 100

95 96.2 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002710.D (-1039) (-)

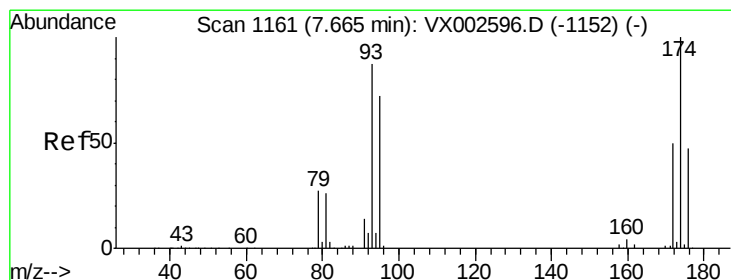
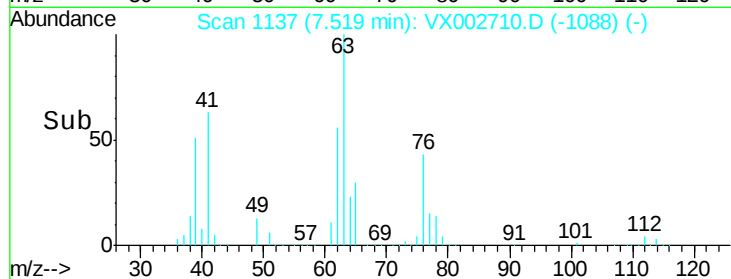
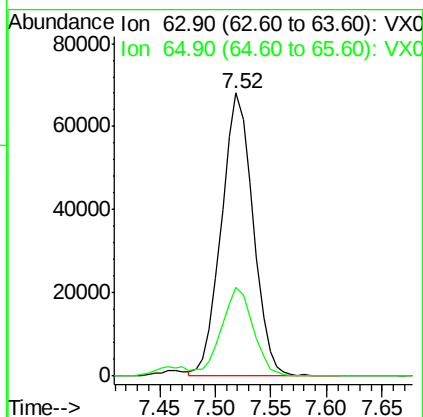
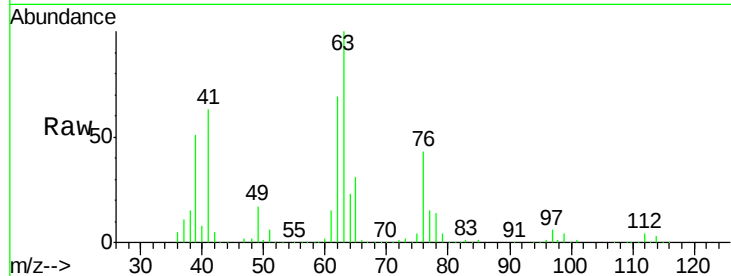




#45
 1,2-Dichloropropane
 Concen: 47.12 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

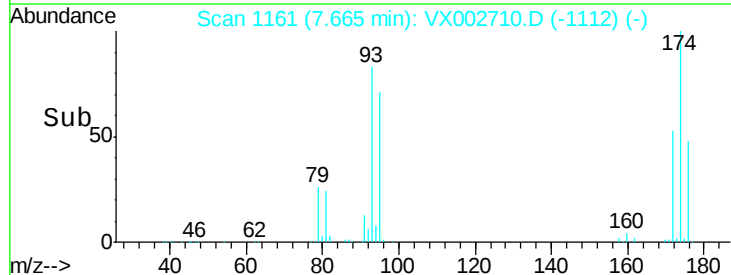
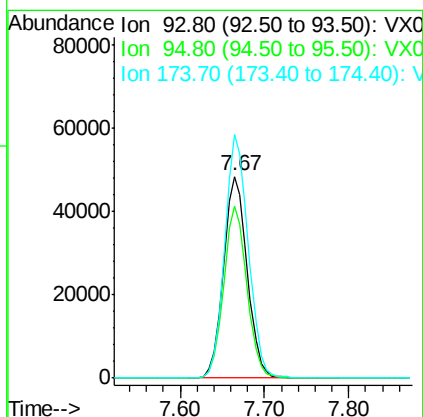
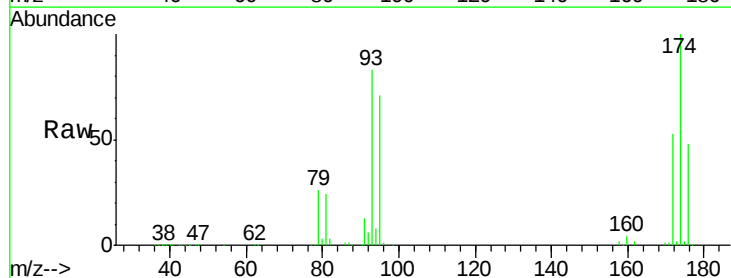
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

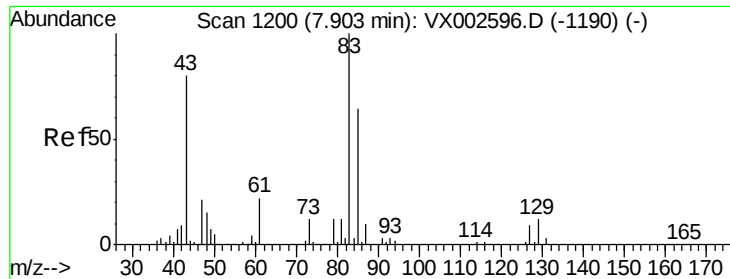
Tot Ion: 63 Resp: 134202
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 48.96 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

Tgt Ion: 93 Resp: 93277
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 119.5 92.4 138.6





#47

Bromodichloromethane

Concen: 52.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

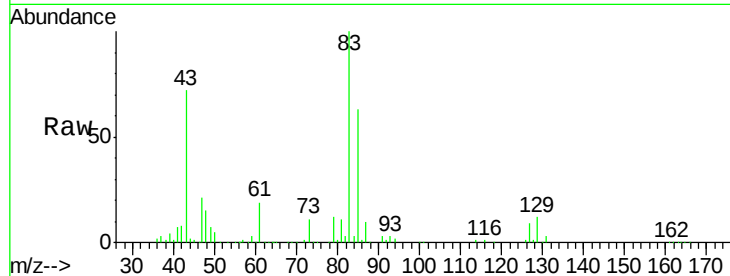
Tot Ion: 83 Resp: 177508

Ion Ratio Lower Upper

83 100

85 63.2 50.3 75.5

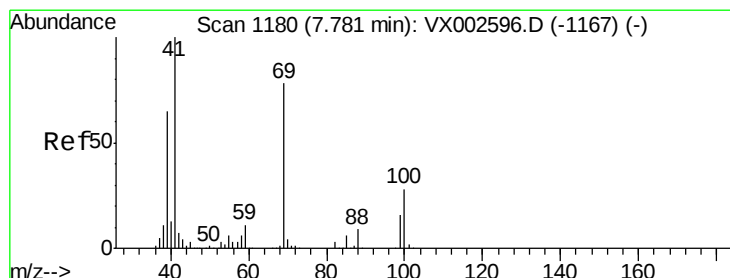
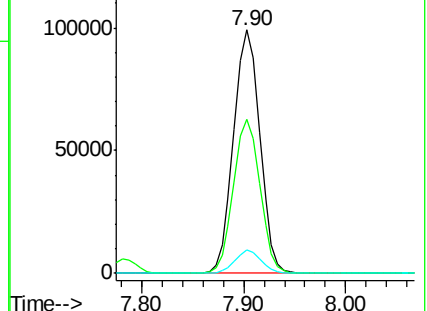
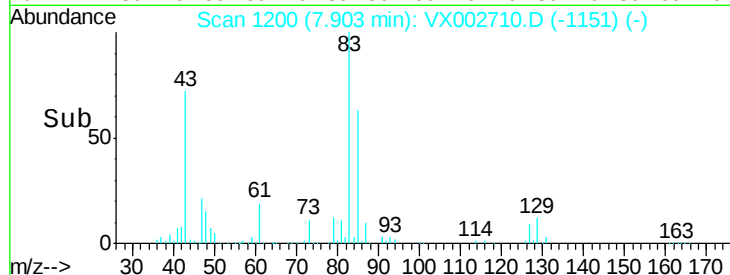
127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.10 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

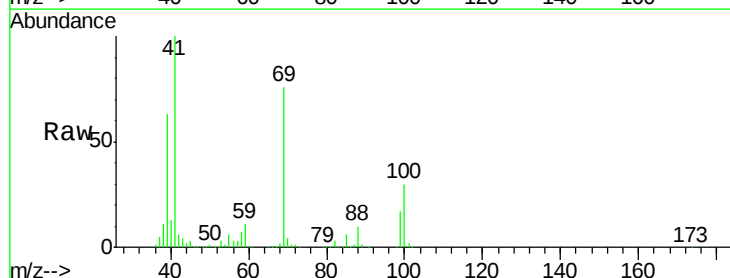
Tgt Ion: 41 Resp: 162872

Ion Ratio Lower Upper

41 100

69 76.8 59.1 88.7

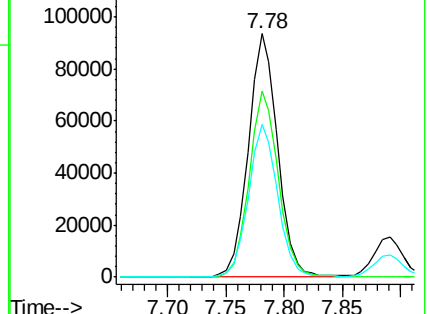
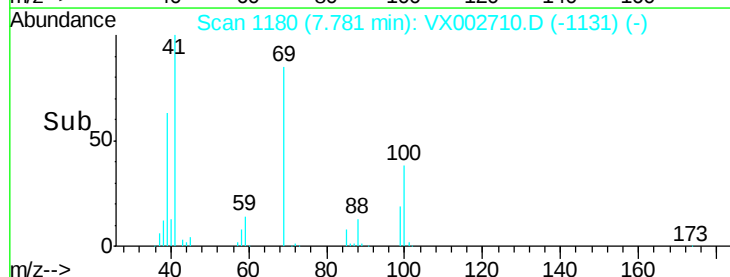
39 62.7 48.9 73.3

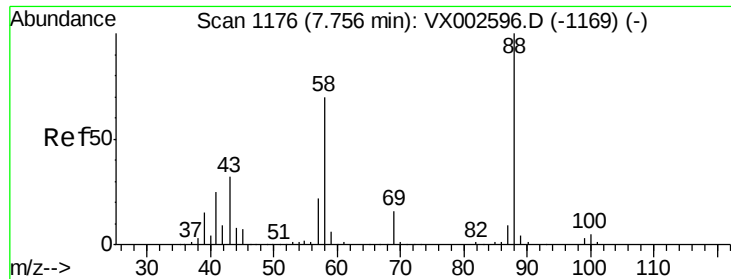


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 984.89 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

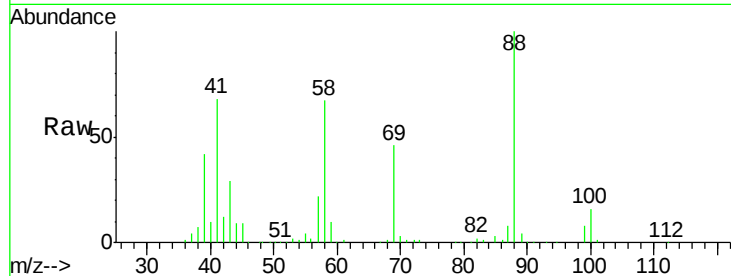
Tot Ion: 88 Resp: 64501

Ion Ratio Lower Upper

88 100

43 34.1 29.8 44.6

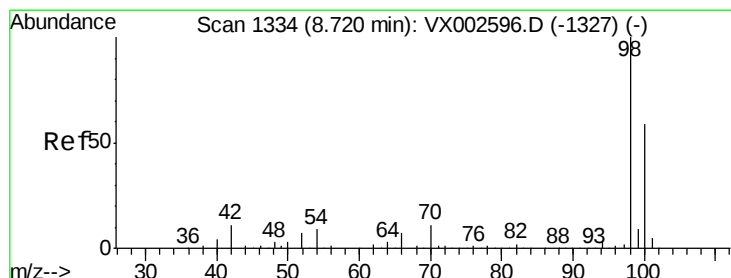
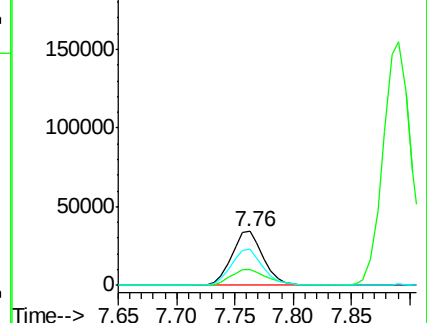
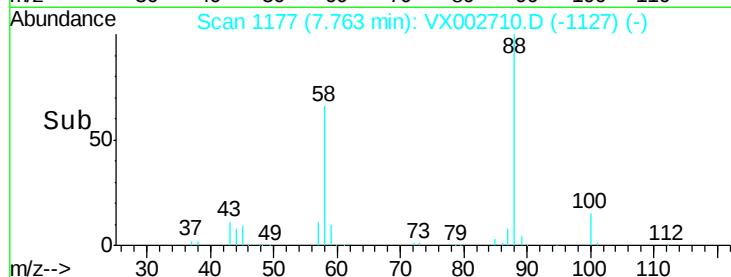
58 68.5 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.90 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002710.D

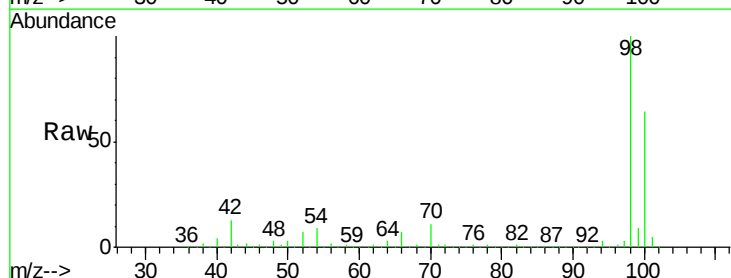
Acq: 19 Jun 2018 13:41

Tgt Ion: 98 Resp: 462301

Ion Ratio Lower Upper

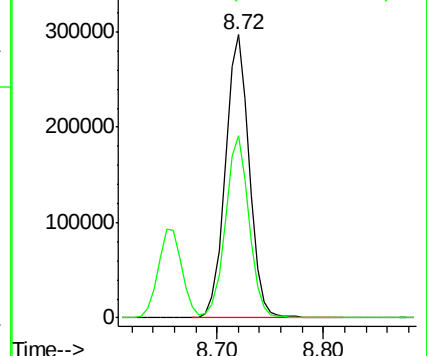
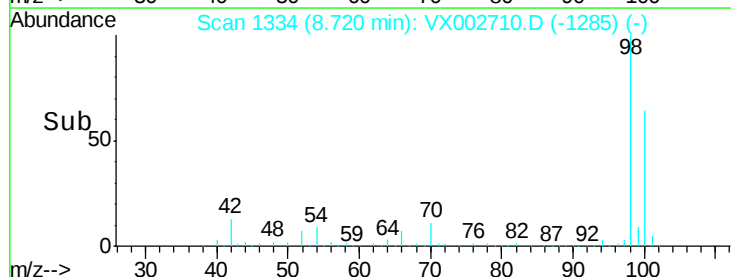
98 100

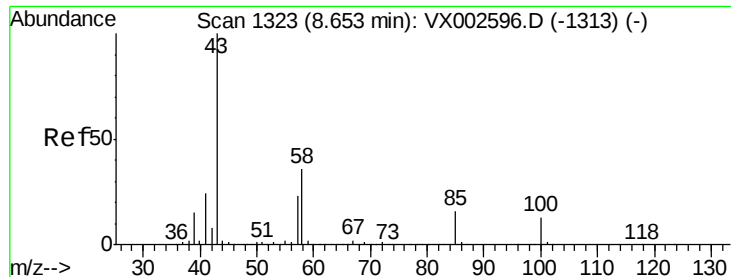
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 237.89 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

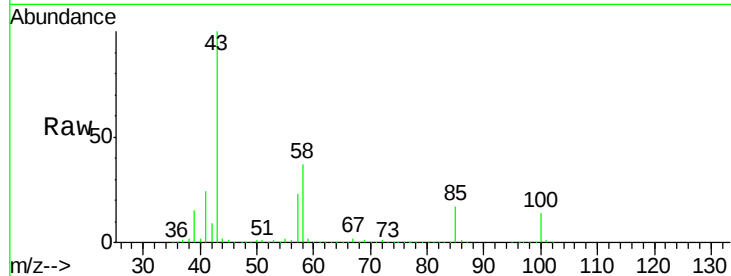
VSTDCCC050

Tot Ion: 43 Resp: 1033668

Ion Ratio Lower Upper

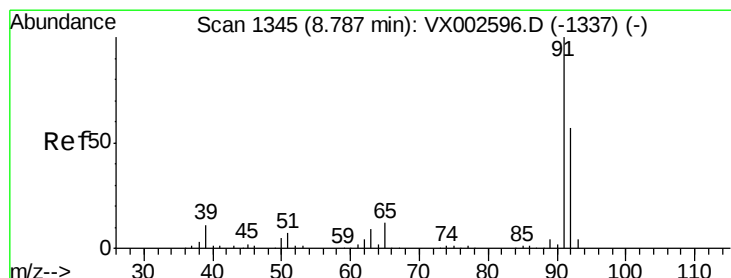
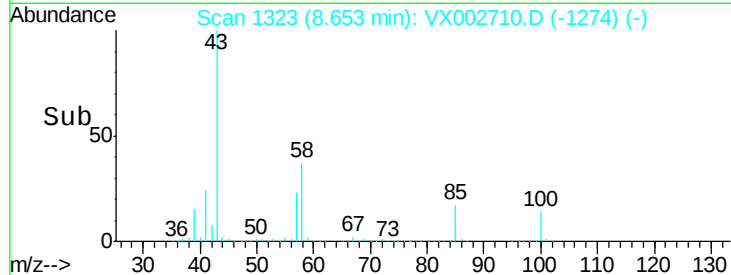
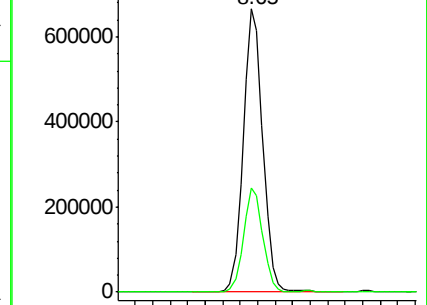
43 100

58 36.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.27 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002710.D

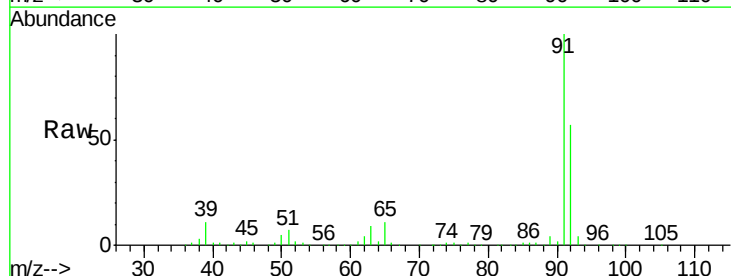
Acq: 19 Jun 2018 13:41

Tgt Ion: 92 Resp: 346998

Ion Ratio Lower Upper

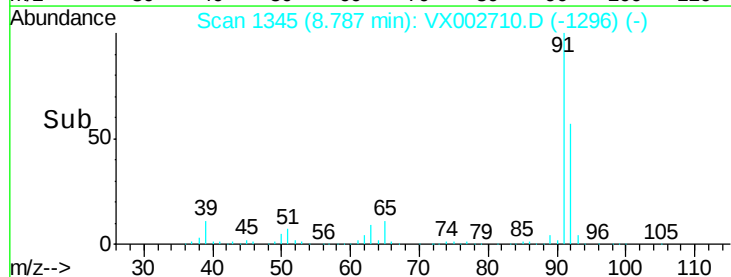
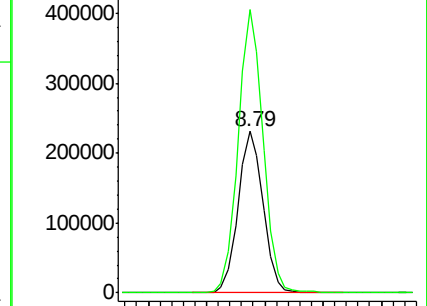
92 100

91 174.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

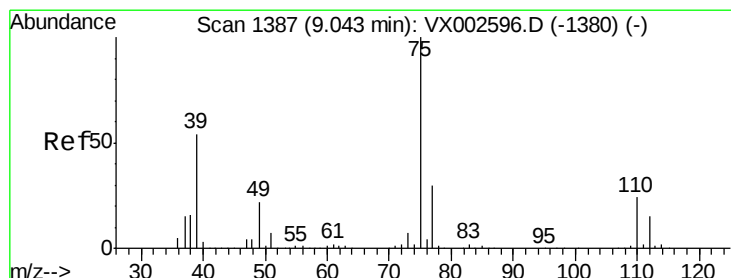
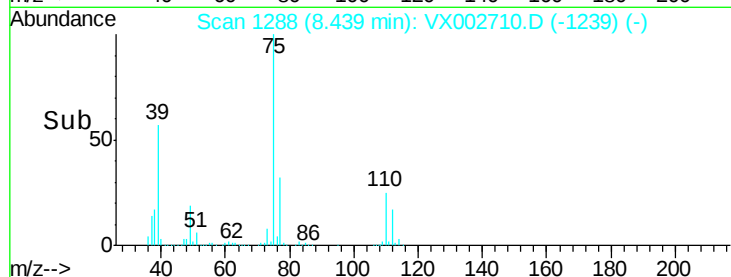
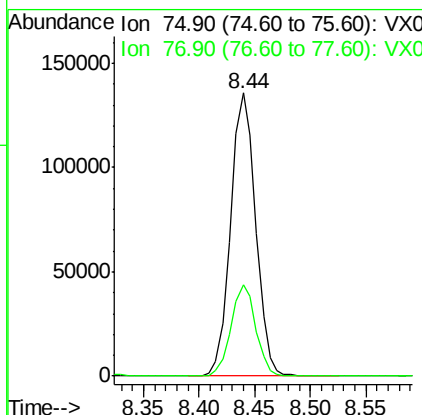
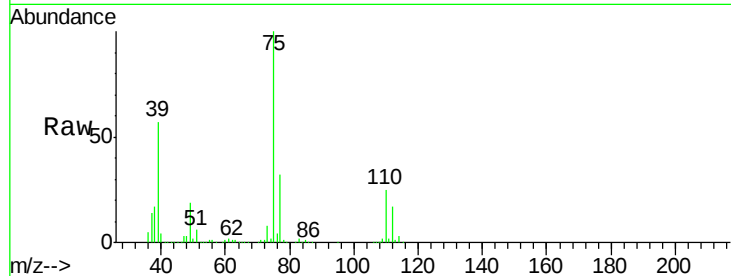




#53
t-1,3-Dichloropropene
Concen: 47.55 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

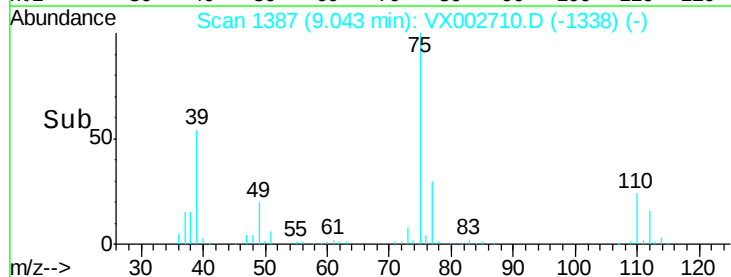
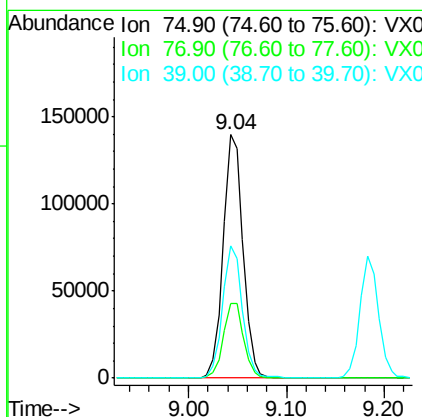
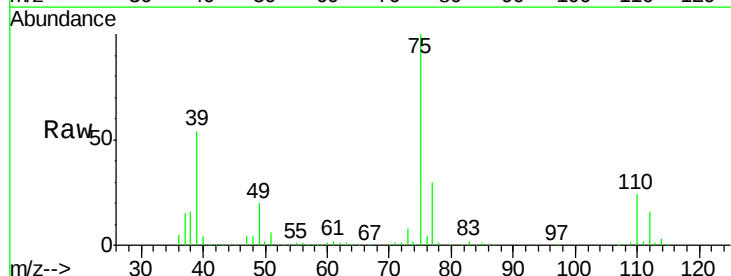
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

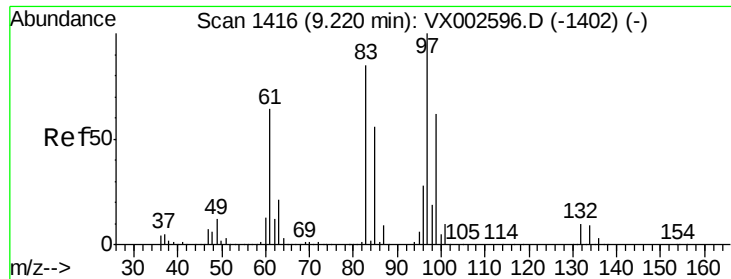
Tot Ion: 75 Resp: 210927
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 46.48 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion: 75 Resp: 196171
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 54.3 42.4 63.6

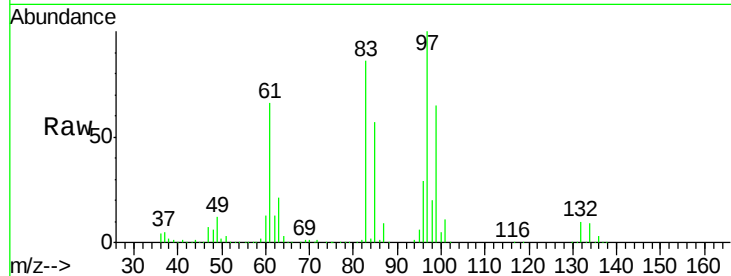




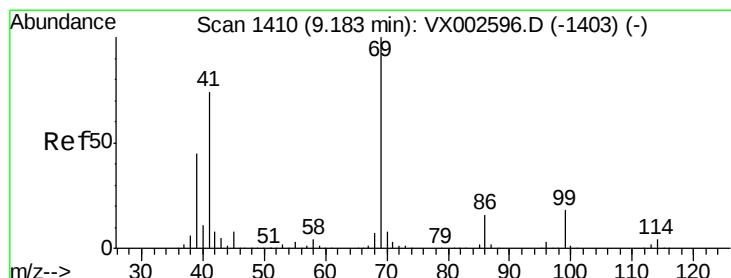
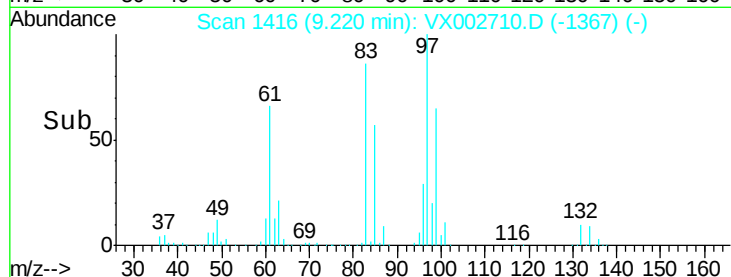
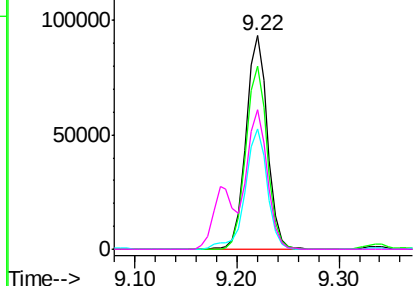
#55
 1,1,2-Trichloroethane
 Concen: 49.01 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	136688
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.2	105.2
85	56.5	44.9	67.3
99	65.3	49.8	74.8

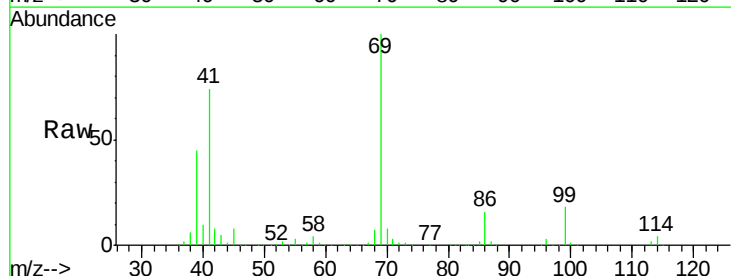


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

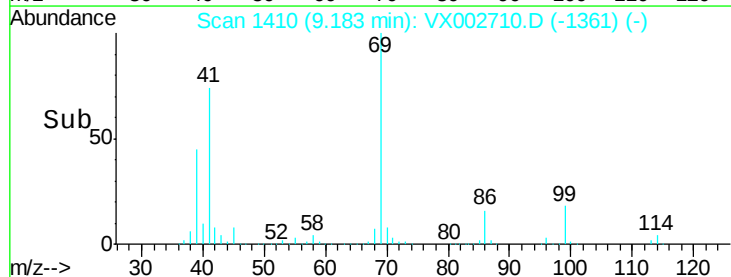
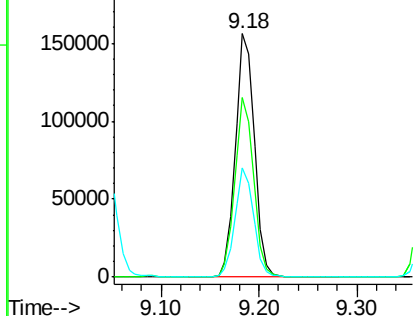


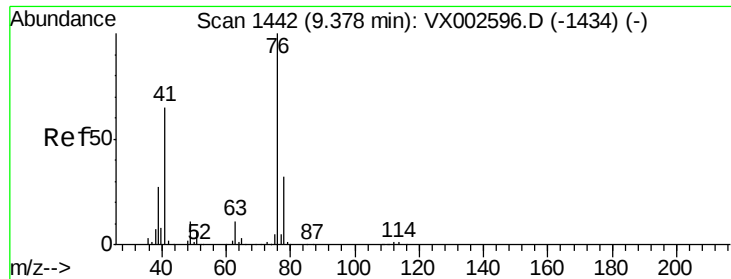
#56
 Ethyl methacrylate
 Concen: 49.10 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

Tgt Ion:	69	Resp:	210733
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	43.8	35.8	53.8



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





#57

1,3-Dichloropropane

Concen: 47.53 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

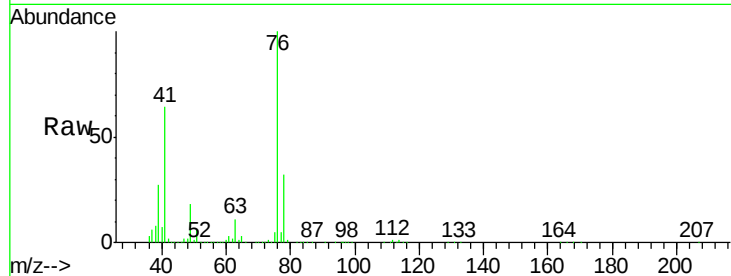
VSTDCCC050

Tot Ion: 76 Resp: 224209

Ion Ratio Lower Upper

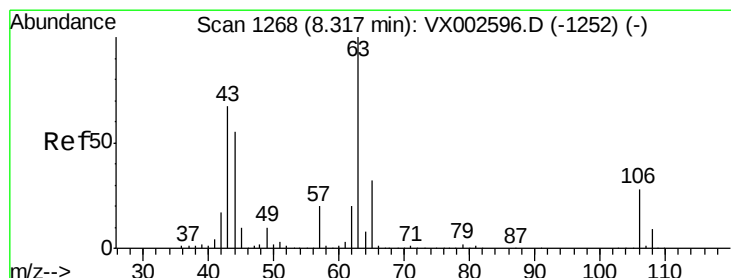
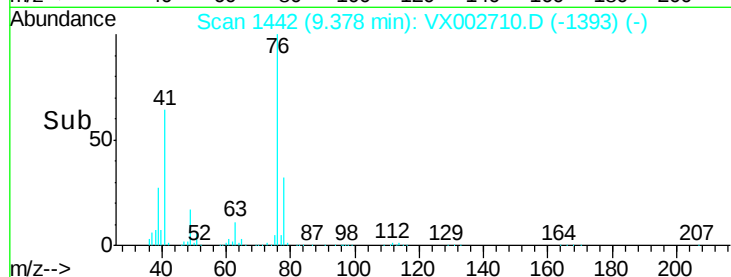
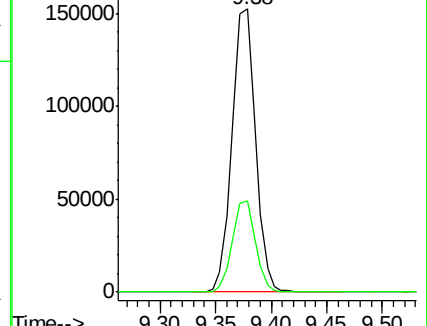
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 231.72 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002710.D

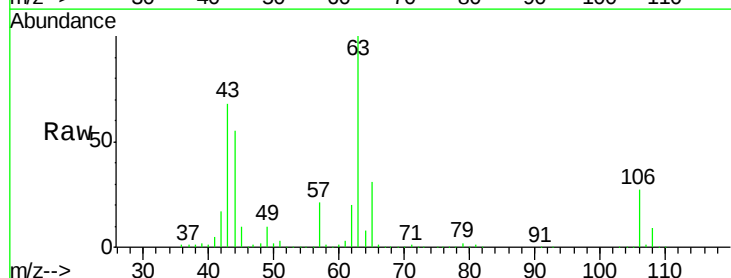
Acq: 19 Jun 2018 13:41

Tgt Ion: 63 Resp: 481045

Ion Ratio Lower Upper

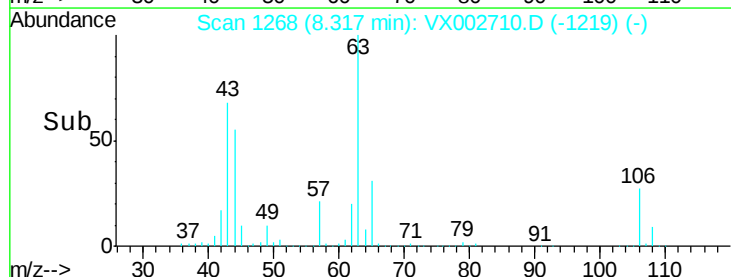
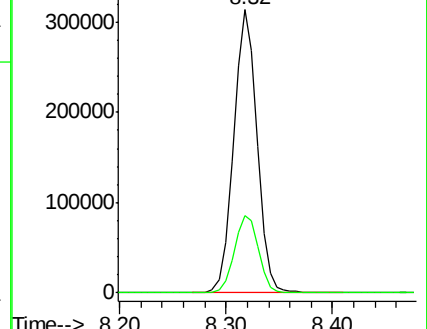
63 100

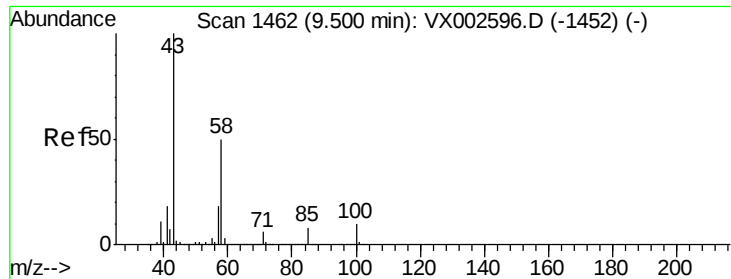
106 28.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

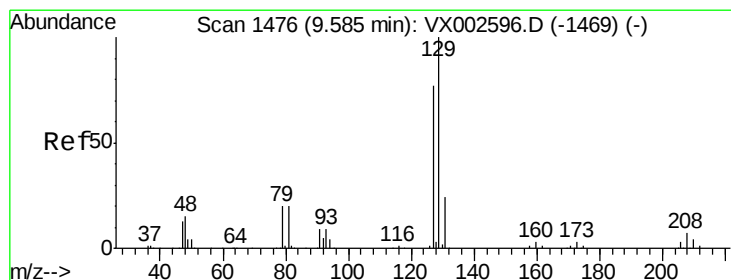
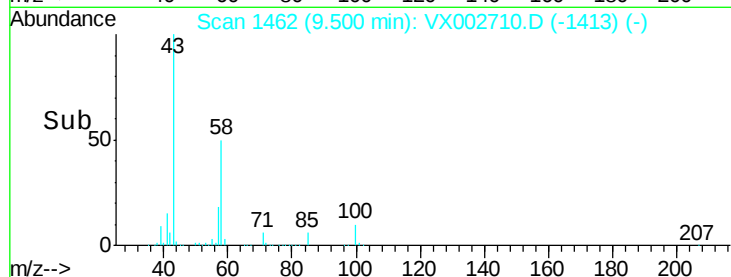
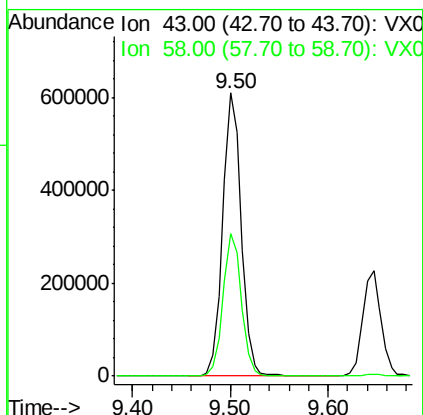
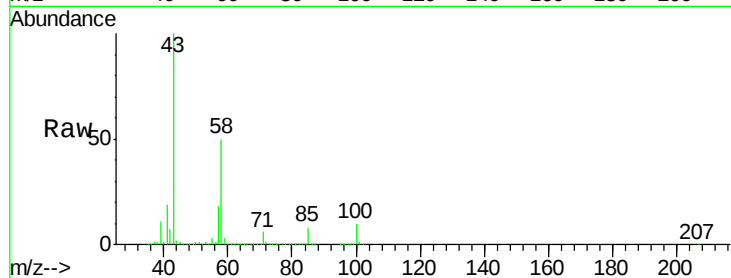




#59
2-Hexanone
Concen: 245.15 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

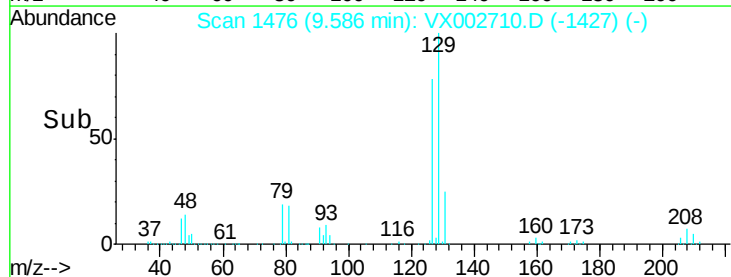
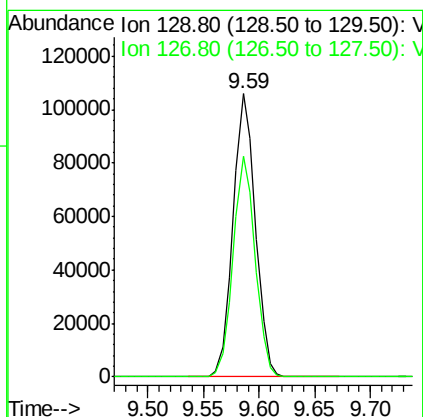
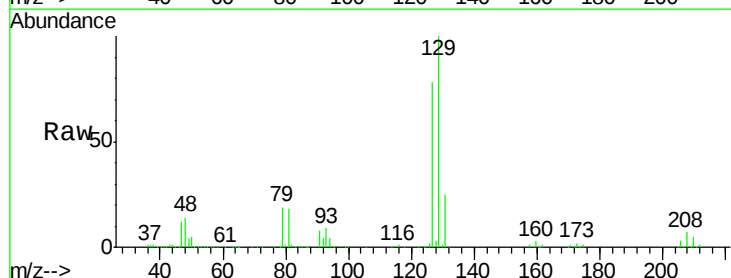
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

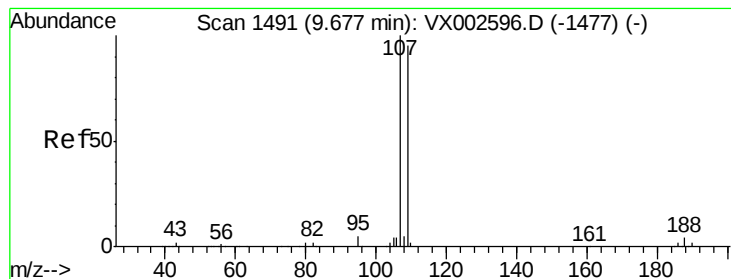
Tot Ion: 43 Resp: 802685
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 47.12 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion: 129 Resp: 147095
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

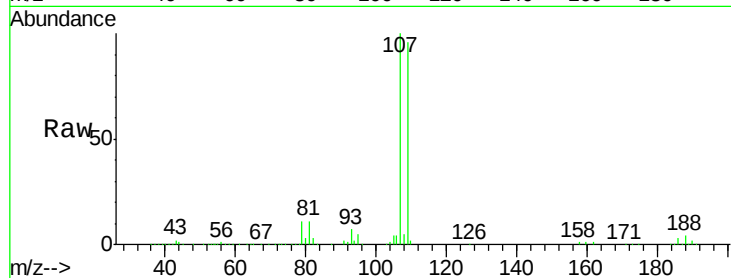
VSTDCCC050

Tot Ion: 107 Resp: 146539

Ion Ratio Lower Upper

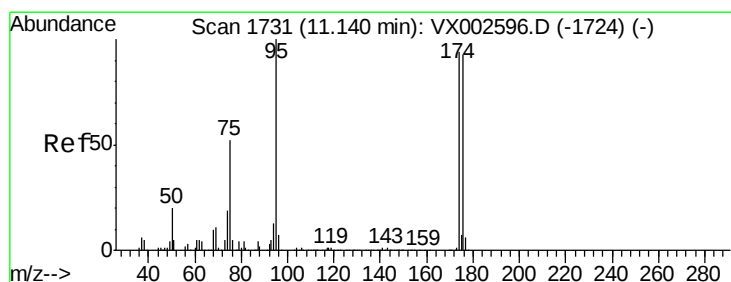
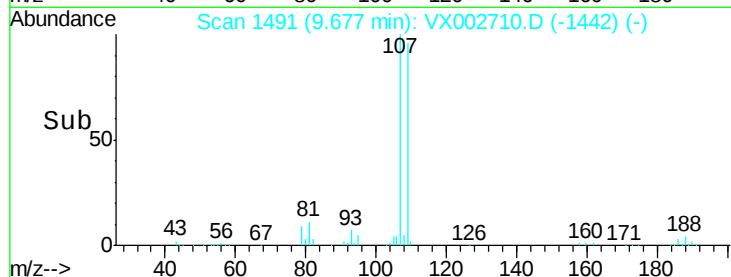
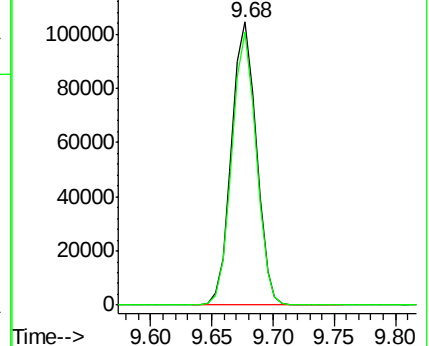
107 100

109 94.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

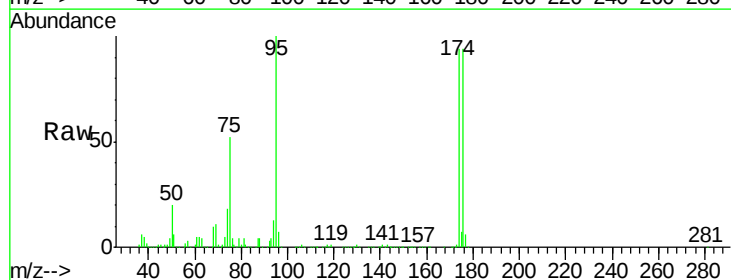
Tgt Ion: 95 Resp: 180423

Ion Ratio Lower Upper

95 100

174 97.6 0.0 187.4

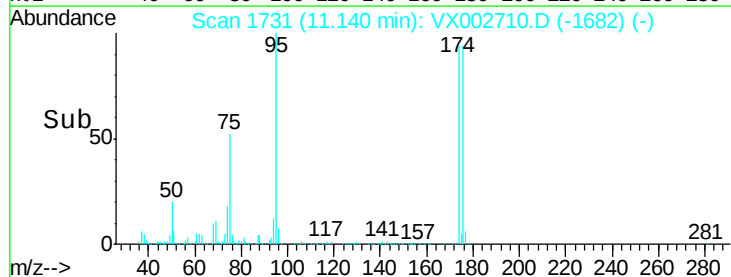
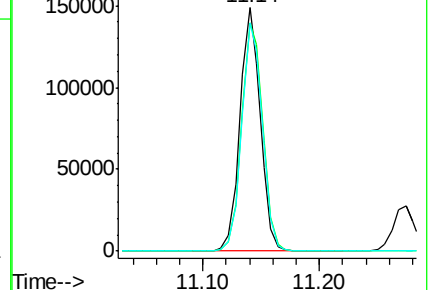
176 95.3 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

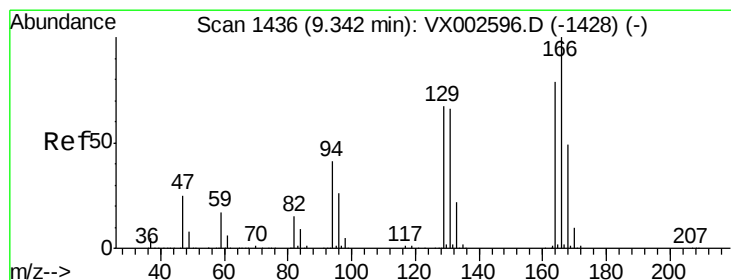
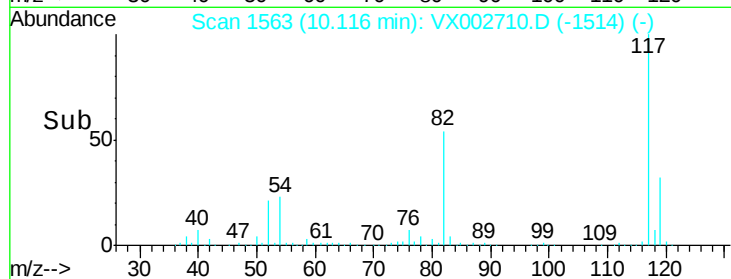
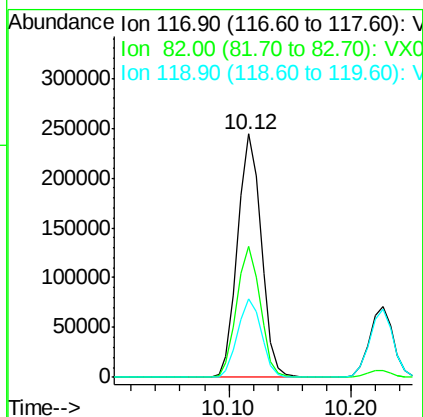
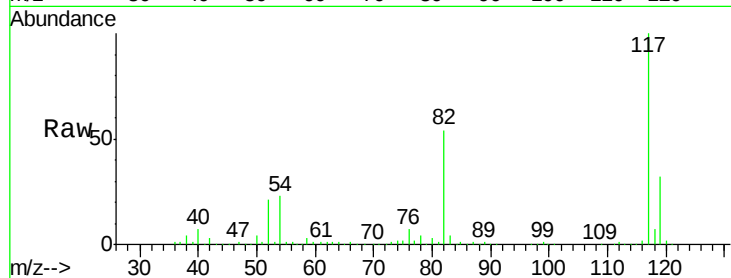




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

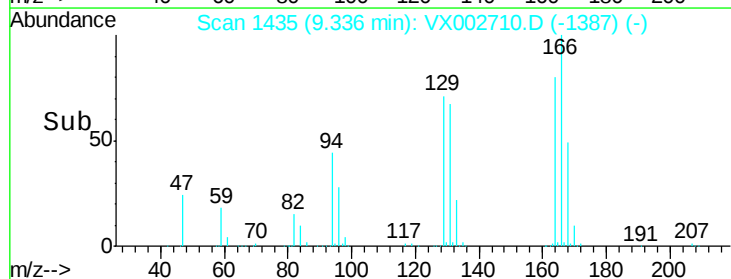
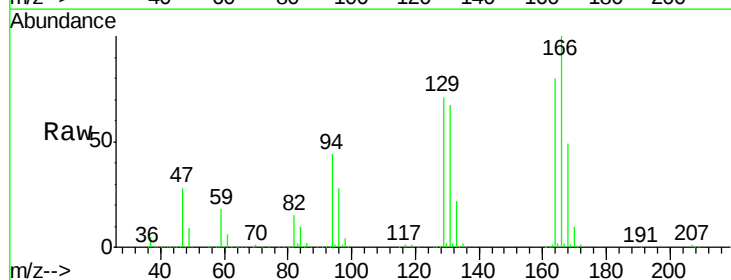
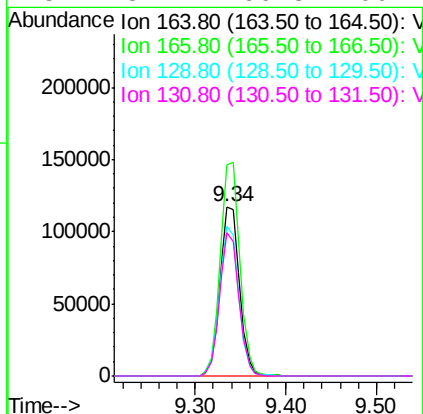
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

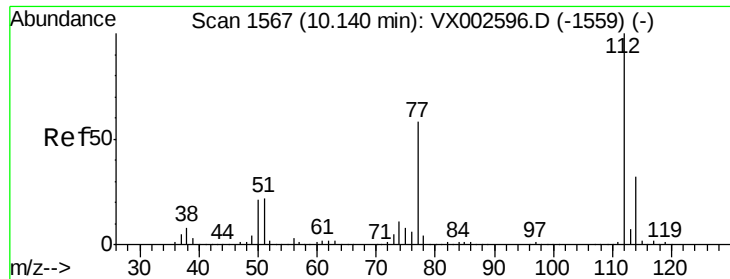
Tot Ion:117 Resp: 327082
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 48.46 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion:164 Resp: 175957
Ion Ratio Lower Upper
164 100
166 125.1 102.9 154.3
129 88.3 68.6 102.8
131 84.4 66.8 100.2

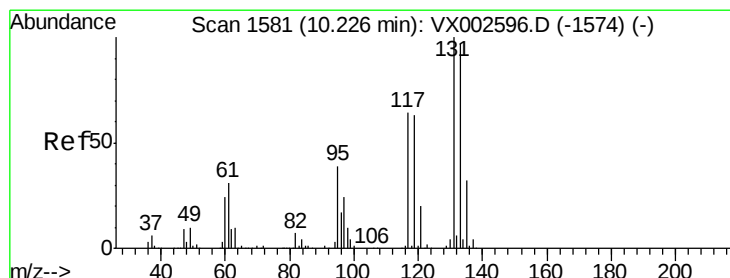
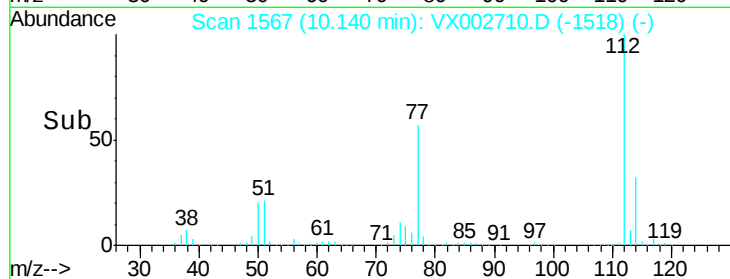
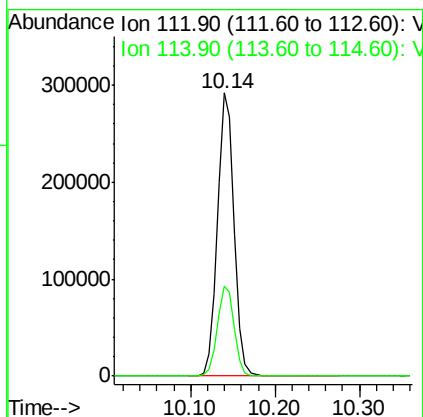
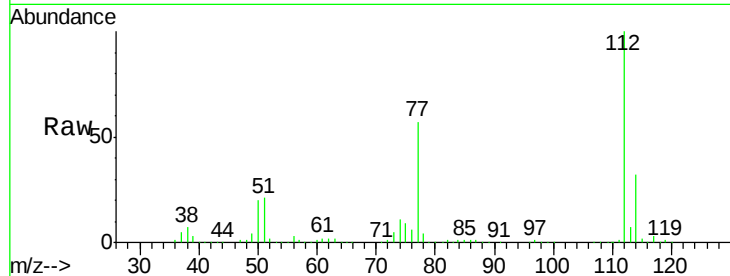




#65
Chlorobenzene
Concen: 49.61 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

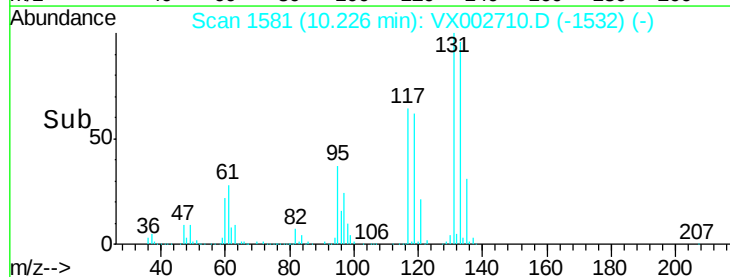
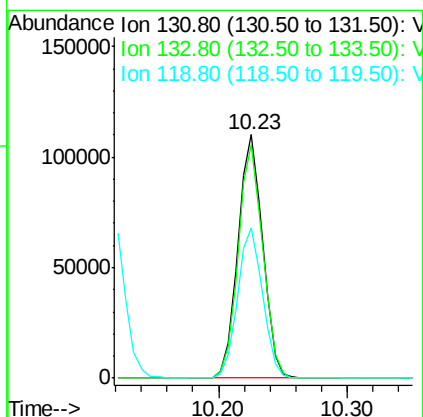
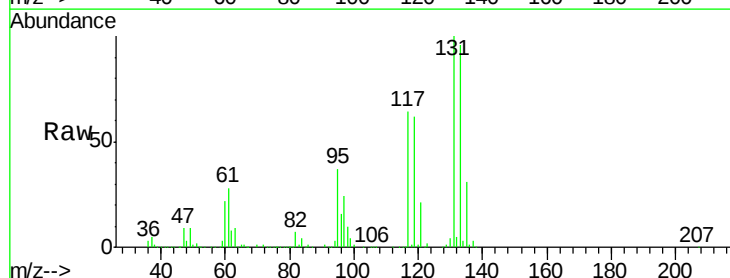
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

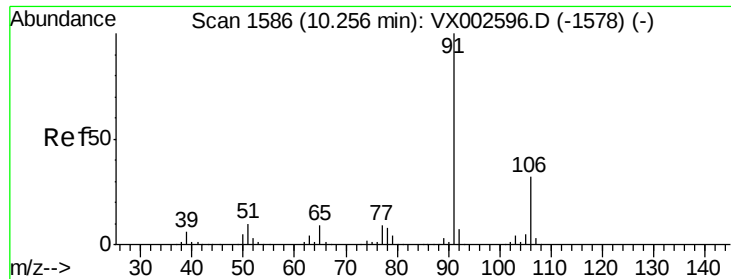
Tot Ion:112 Resp: 398484
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.32 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion:131 Resp: 146005
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 62.7 31.8 95.3





#67

Ethyl Benzene

Concen: 50.60 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

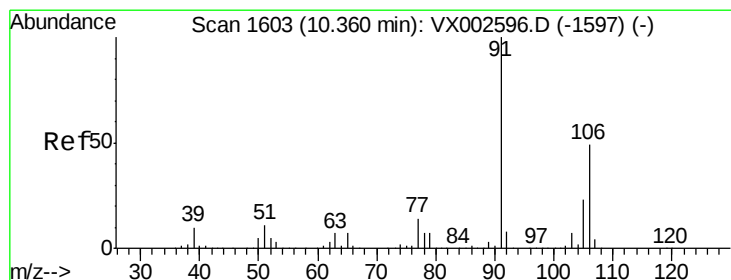
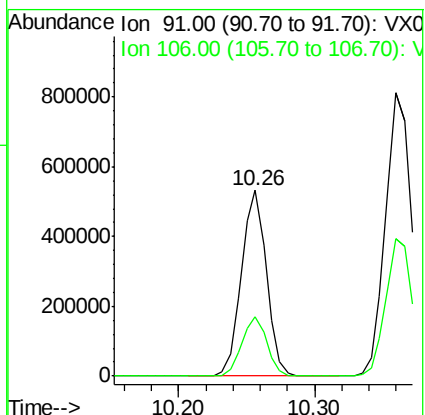
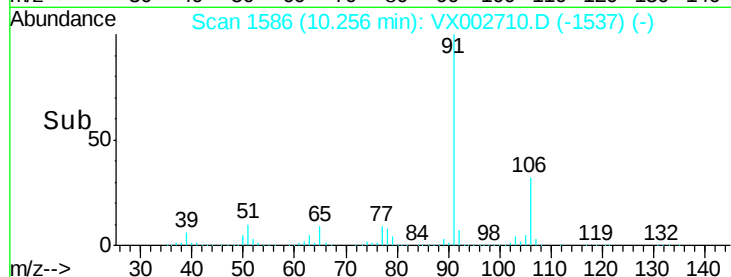
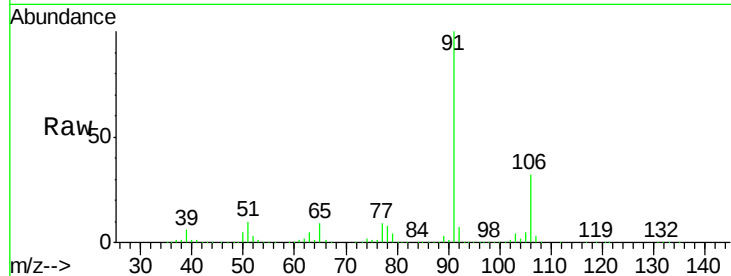
VSTDCCC050

Tot Ion: 91 Resp: 685558

Ion Ratio Lower Upper

91 100

106 31.7 25.5 38.3



#68

m/p-Xylenes

Concen: 102.87 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002710.D

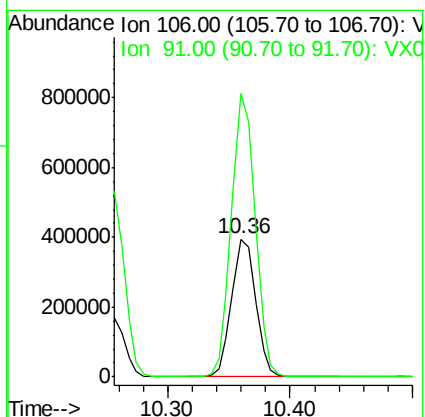
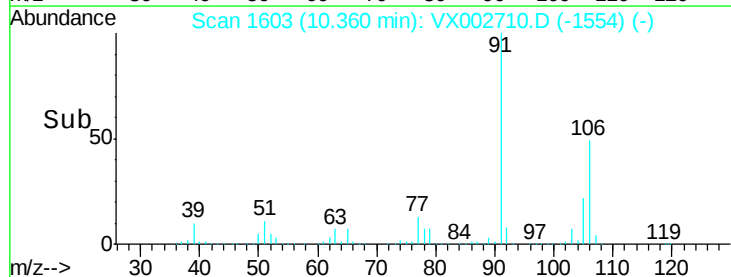
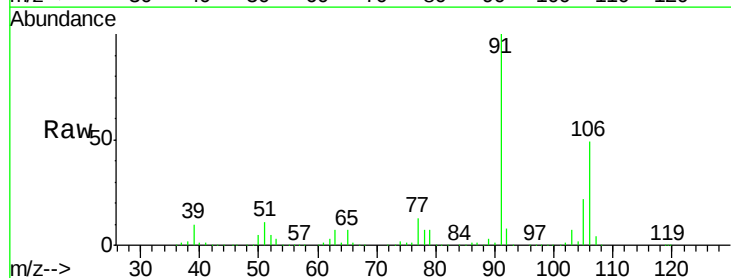
Acq: 19 Jun 2018 13:41

Tgt Ion: 106 Resp: 537639

Ion Ratio Lower Upper

106 100

91 203.7 163.4 245.2

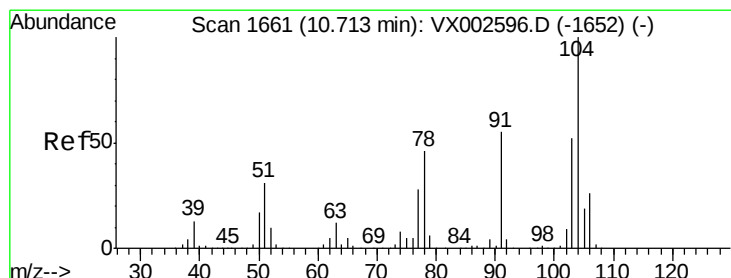
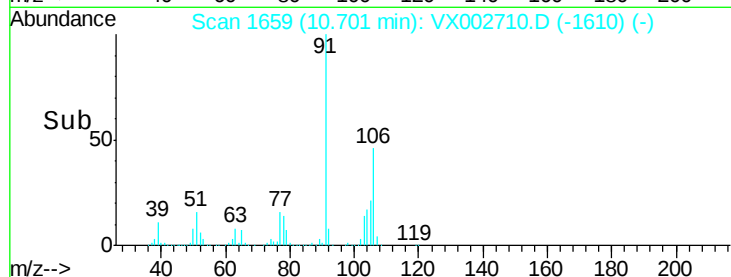
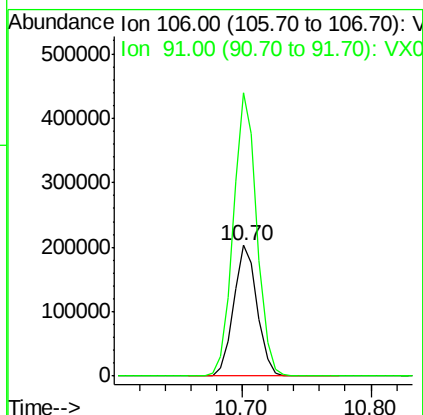
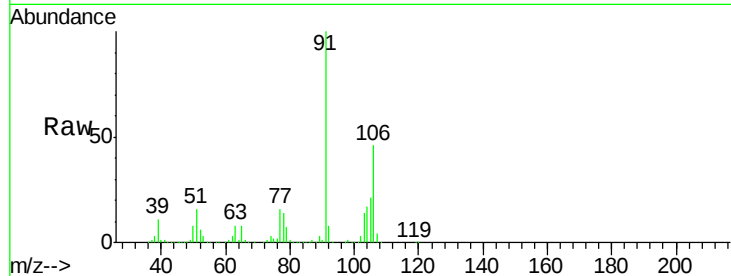




#69
o-Xylene
Concen: 50.24 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

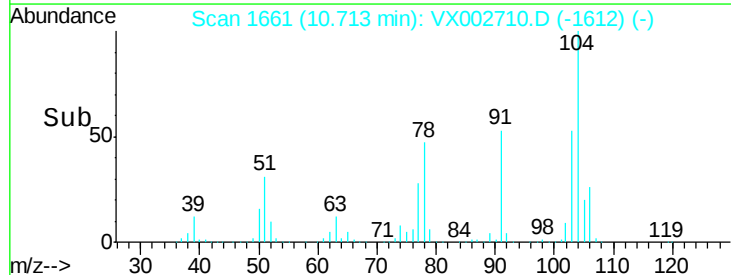
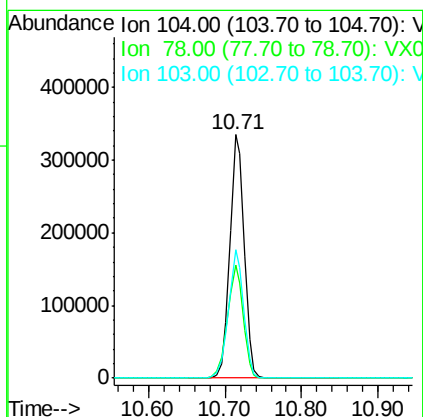
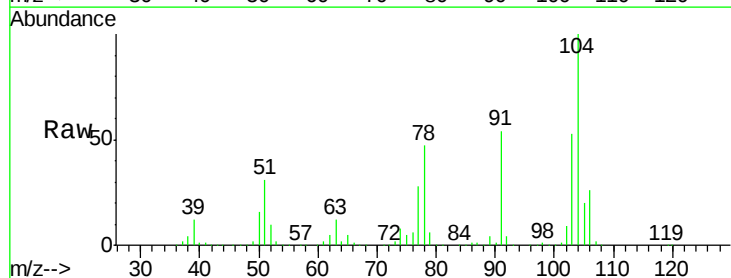
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

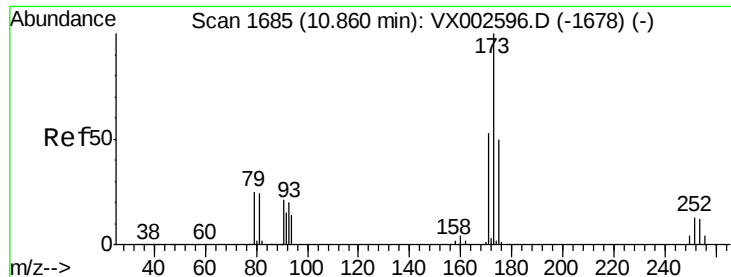
Tot Ion:106 Resp: 257962
Ion Ratio Lower Upper
106 100
91 216.0 108.2 324.6



#70
Styrene
Concen: 51.62 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion:104 Resp: 435872
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.4 44.2 66.4

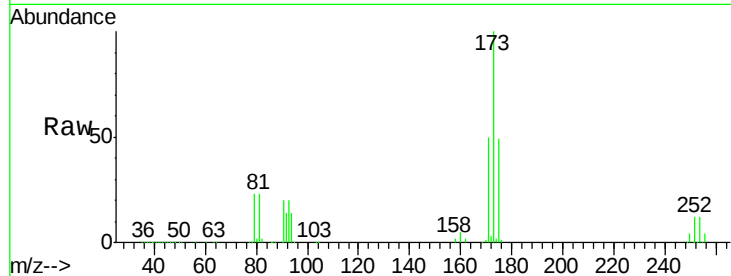




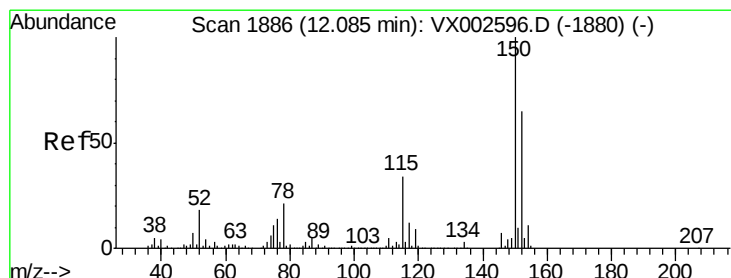
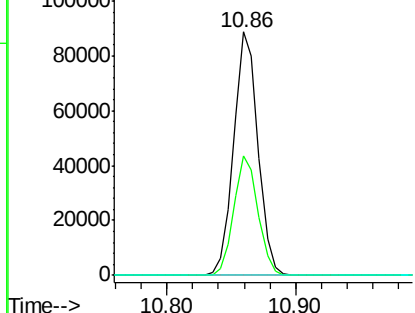
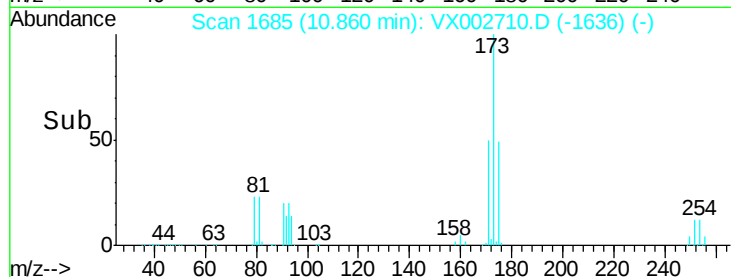
#71
Bromoform
Concen: 47.00 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 116386
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.1 0.2 0.2#

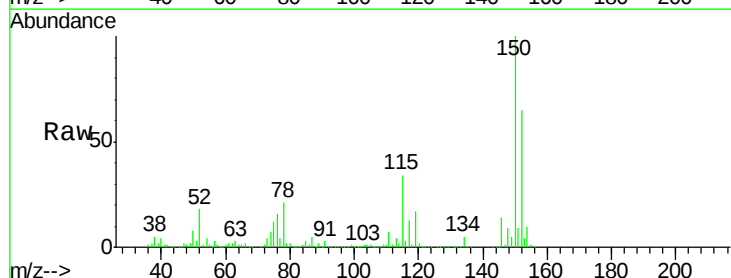


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

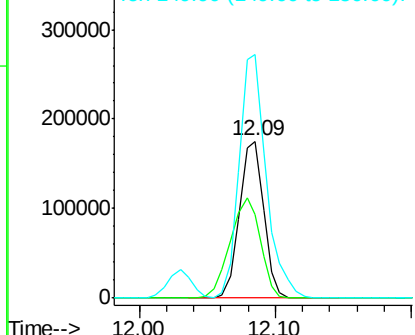
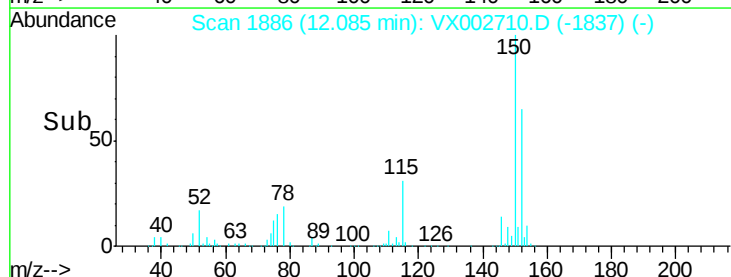


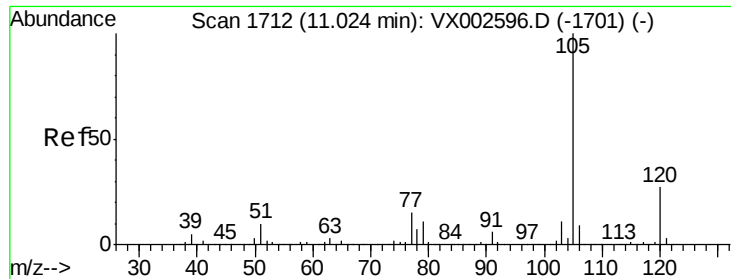
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion:152 Resp: 217351
Ion Ratio Lower Upper
152 100
115 79.8 40.1 120.2
150 173.7 0.0 347.2



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





#73

Isopropylbenzene

Concen: 49.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

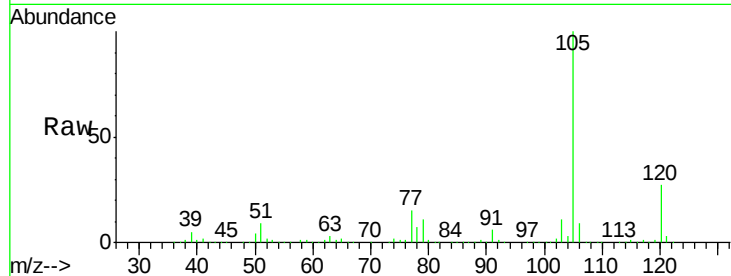
VSTDCCC050

Tot Ion:105 Resp: 717826

Ion Ratio Lower Upper

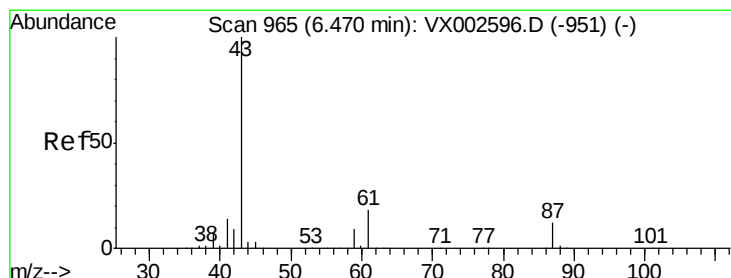
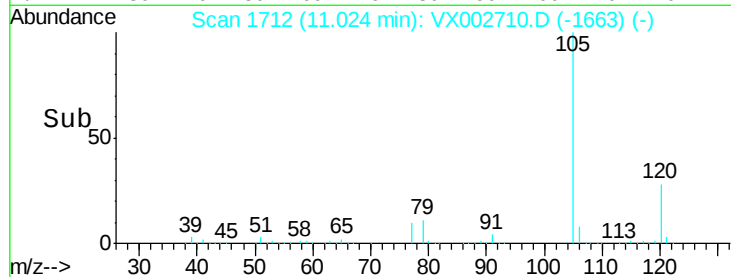
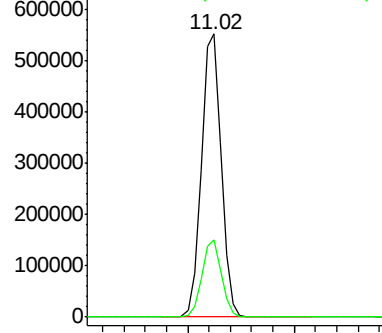
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.97 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Tgt Ion: 43 Resp: 317571

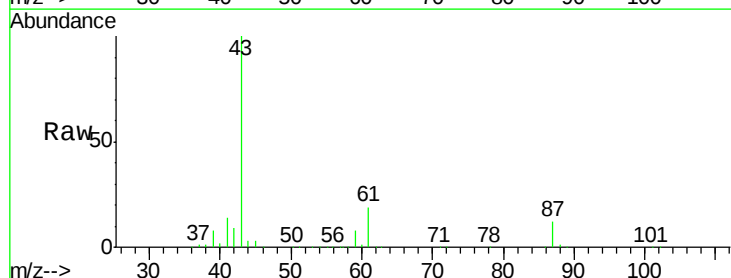
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.5 14.4 21.6

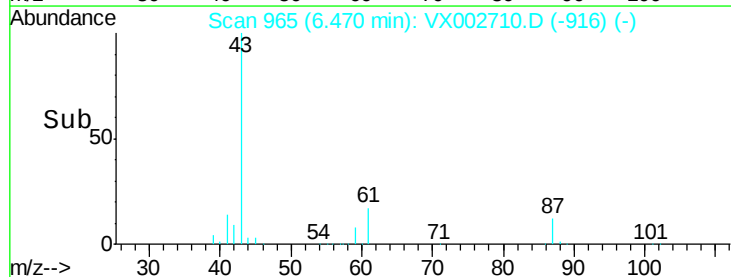
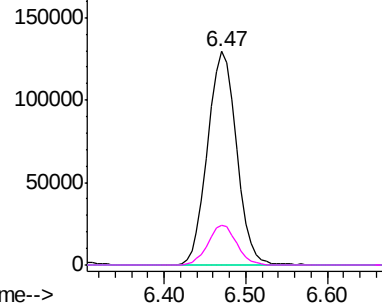


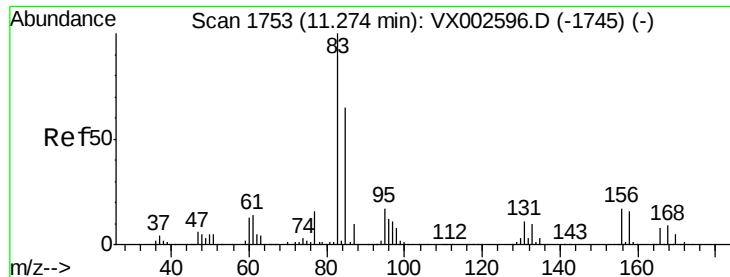
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.87 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

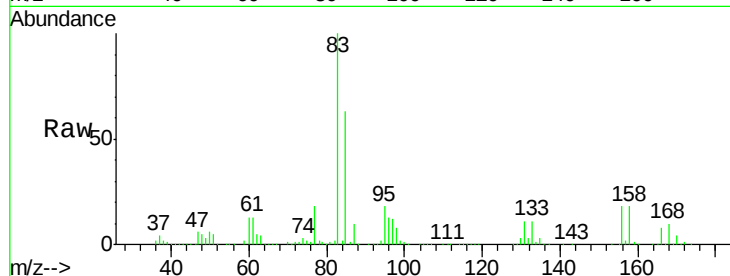
Tot Ion: 83 Resp: 205504

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

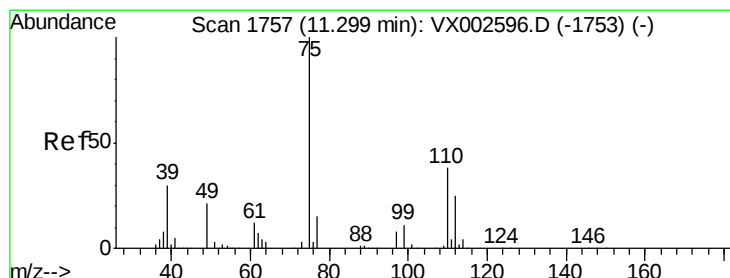
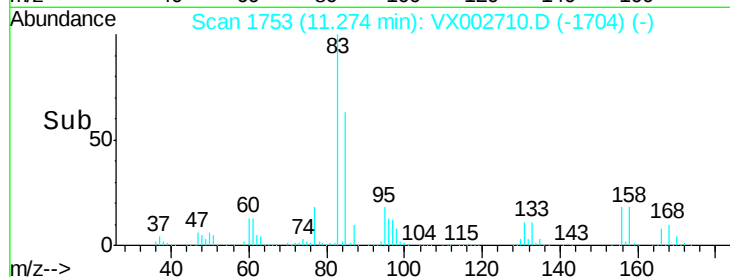
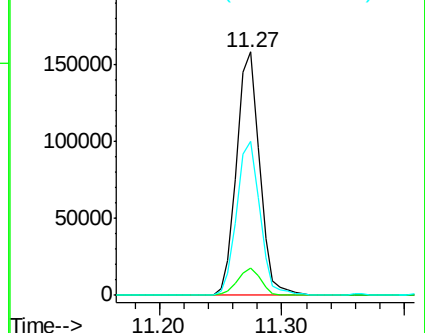
85 64.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 43.77 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002710.D

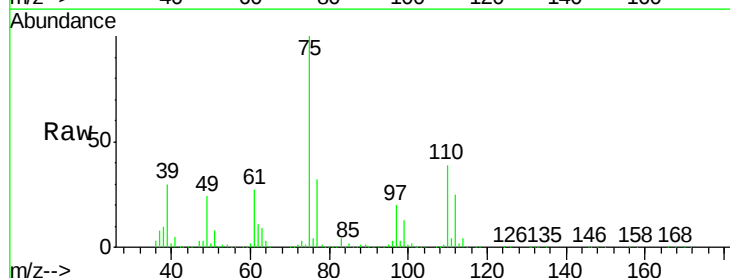
Acq: 19 Jun 2018 13:41

Tgt Ion: 75 Resp: 179515

Ion Ratio Lower Upper

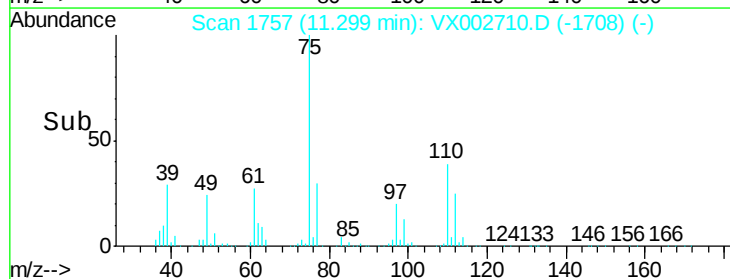
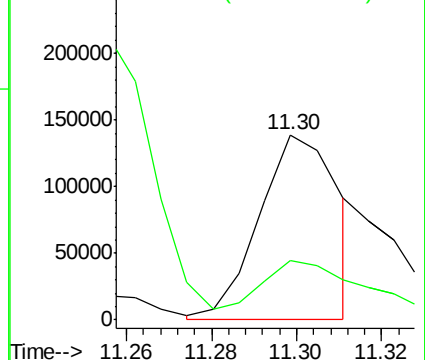
75 100

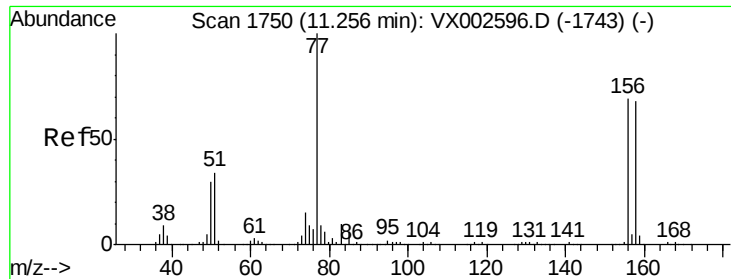
77 43.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.96 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

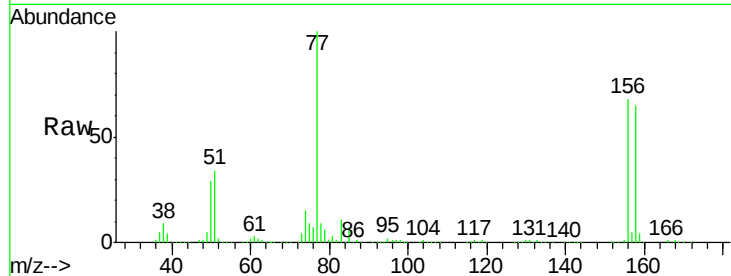
Tot Ion:156 Resp: 194223

Ion Ratio Lower Upper

156 100

77 137.3 71.4 214.2

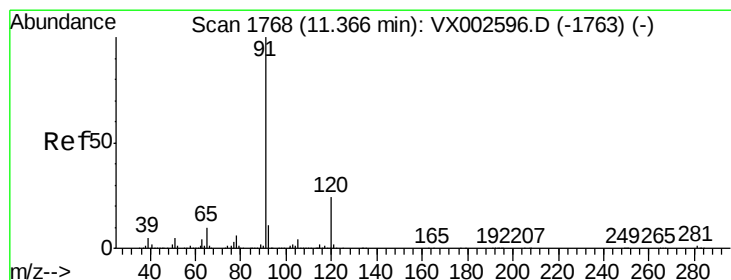
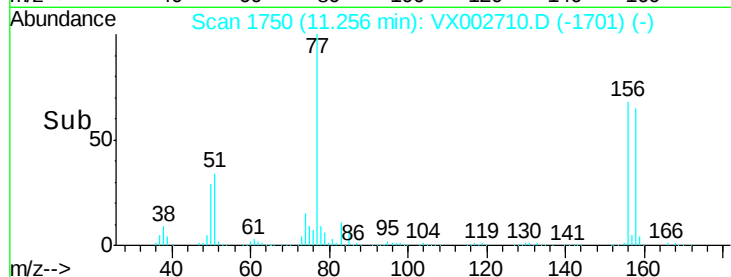
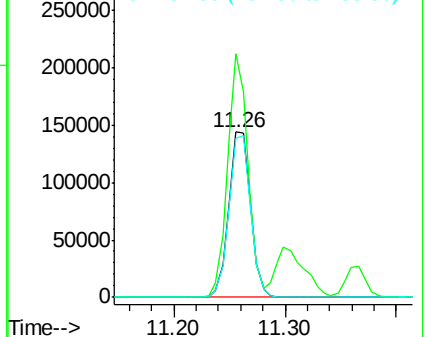
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.08 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002710.D

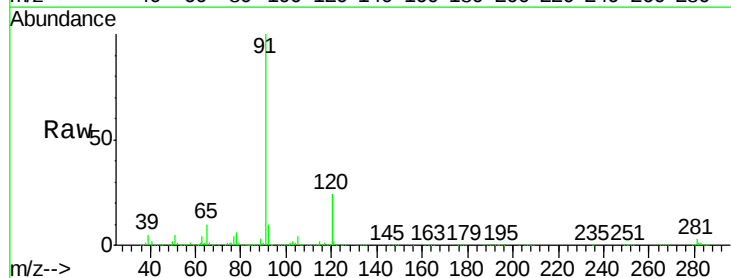
Acq: 19 Jun 2018 13:41

Tgt Ion: 91 Resp: 834870

Ion Ratio Lower Upper

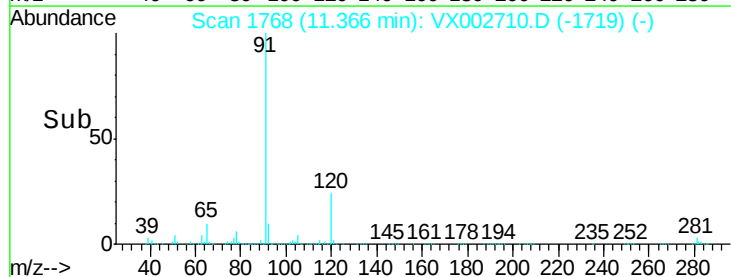
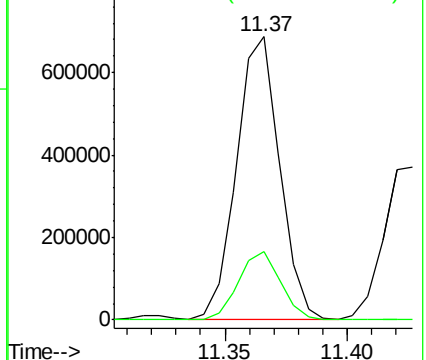
91 100

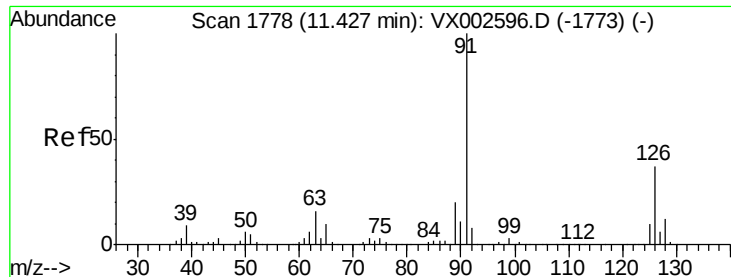
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.48 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

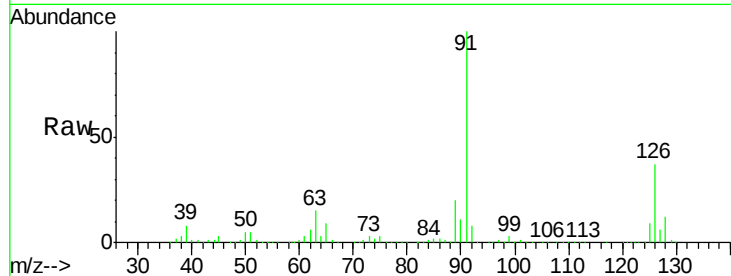
VSTDCCC050

Tot Ion: 91 Resp: 482582

Ion Ratio Lower Upper

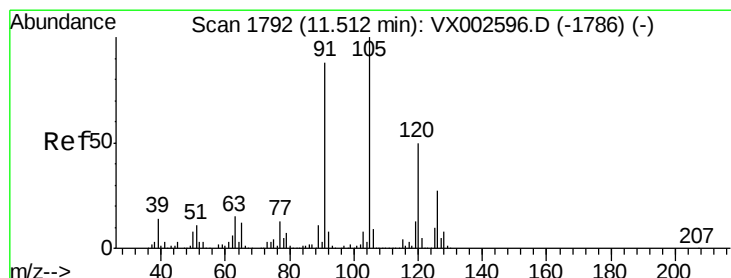
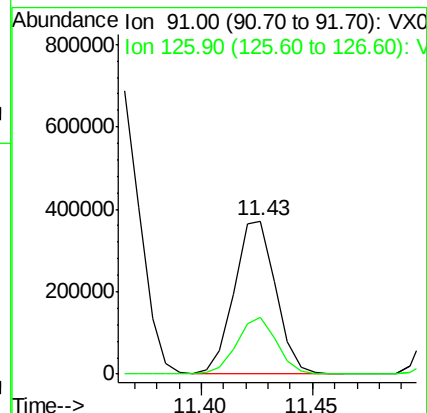
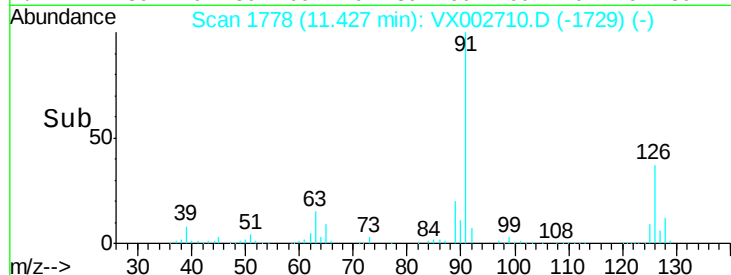
91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002710.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX002710.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.18 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002710.D

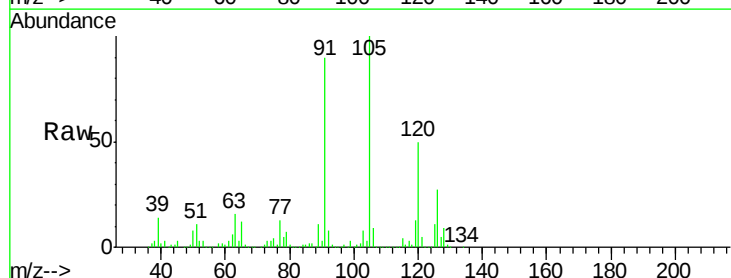
Acq: 19 Jun 2018 13:41

Tgt Ion: 105 Resp: 616518

Ion Ratio Lower Upper

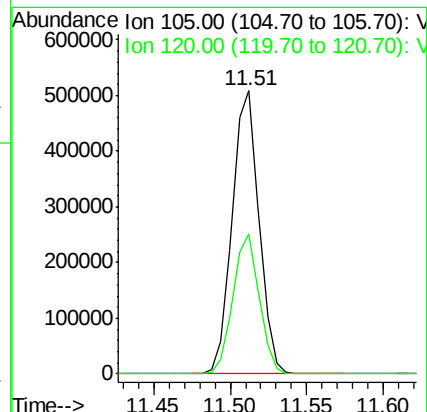
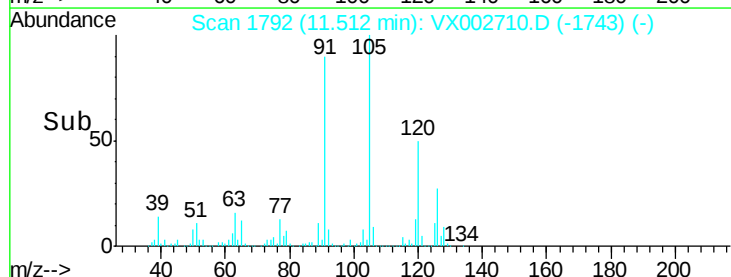
105 100

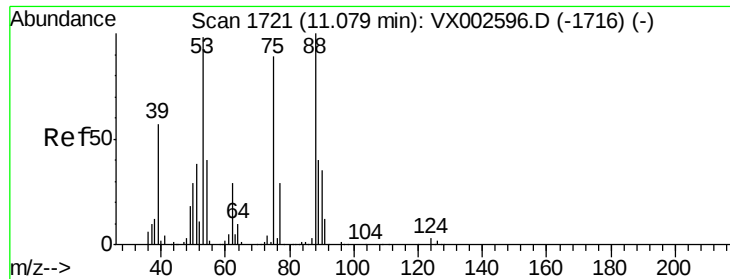
120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002710.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX002710.D (-1743) (-)

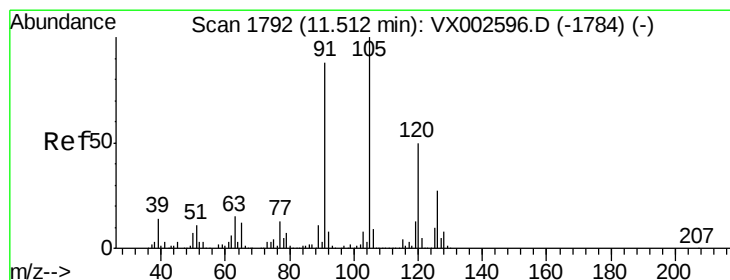
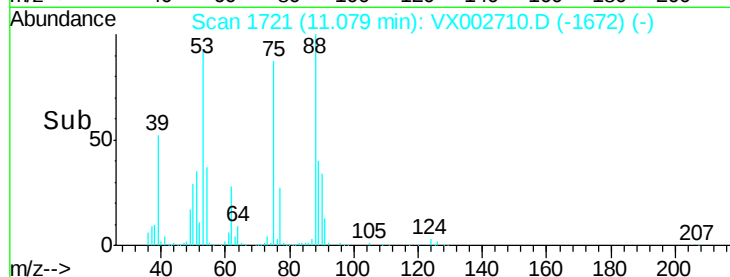
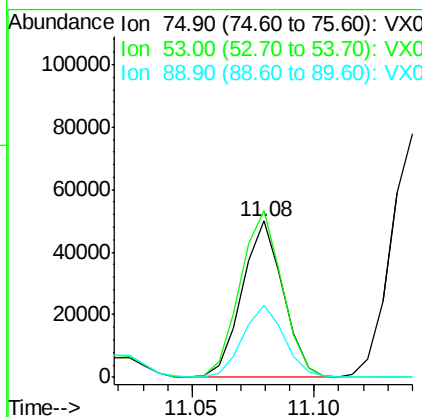
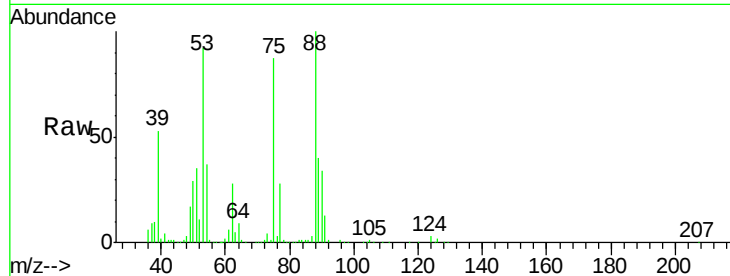




#81
trans-1,4-Dichloro-2-butene
Concen: 45.77 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

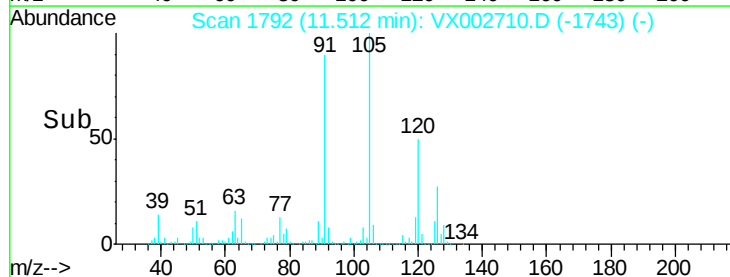
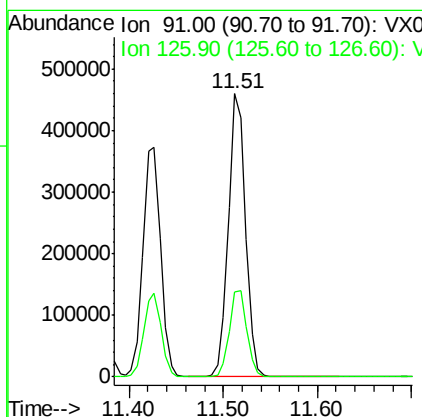
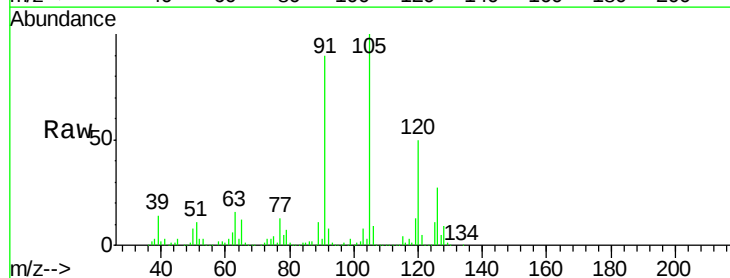
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

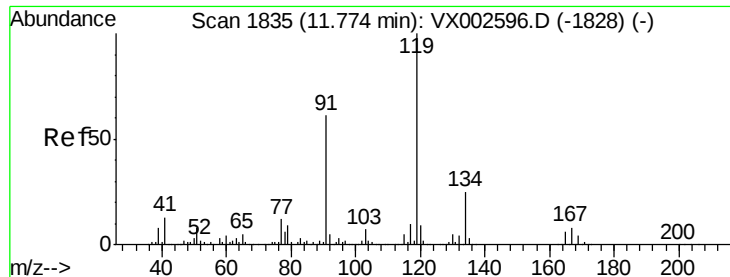
Tot Ion: 75 Resp: 58178
Ion Ratio Lower Upper
75 100
53 109.6 86.8 130.2
89 47.3 38.2 57.2



#82
4-Chlorotoluene
Concen: 49.40 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion: 91 Resp: 580175
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4

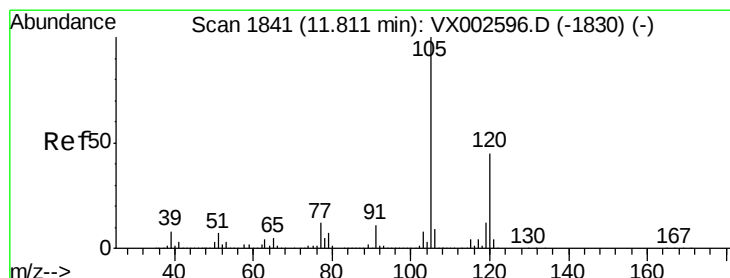
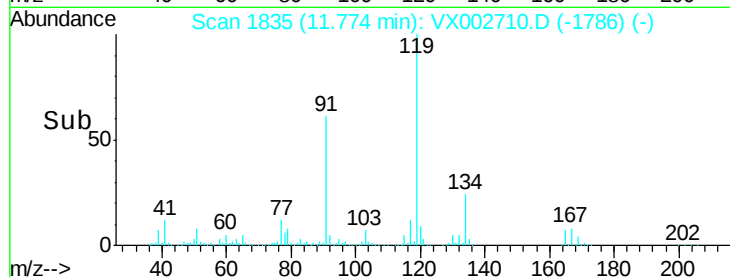
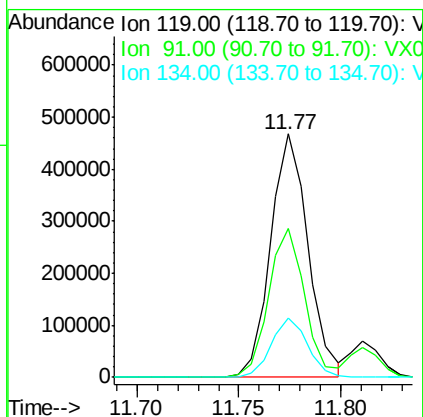
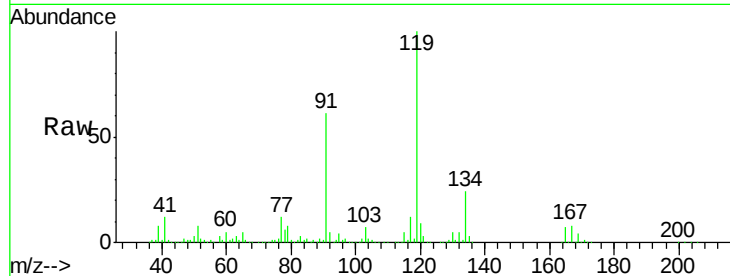




#83
tert-Butylbenzene
Concen: 50.51 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

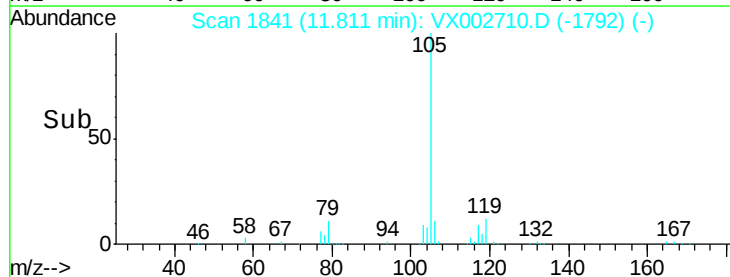
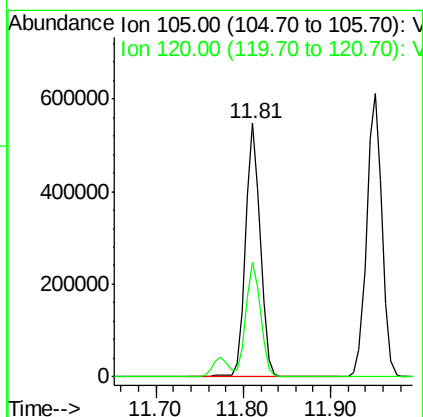
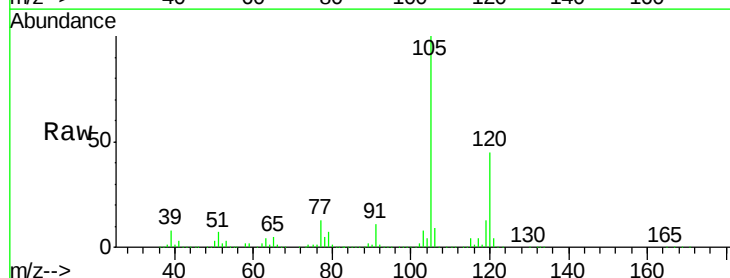
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

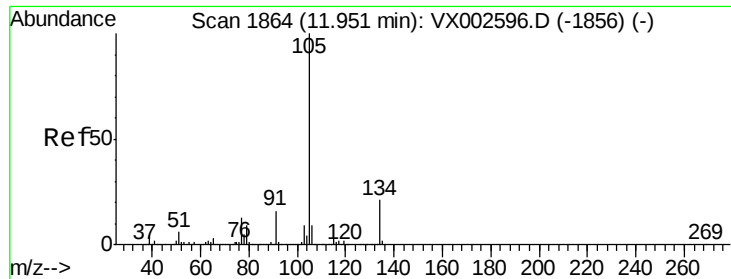
Tot Ion:119 Resp: 597828
Ion Ratio Lower Upper
119 100
91 59.4 30.3 90.9
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.67 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion:105 Resp: 635175
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.84 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

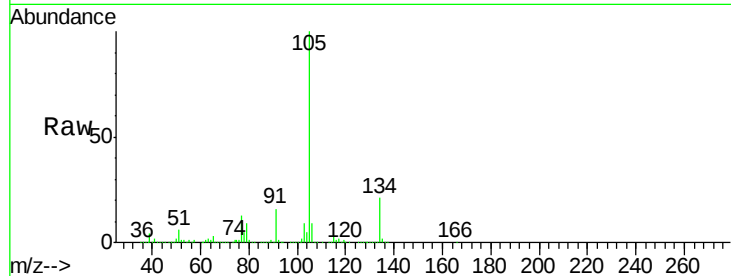
VSTDCCC050

Tot Ion:105 Resp: 748199

Ion Ratio Lower Upper

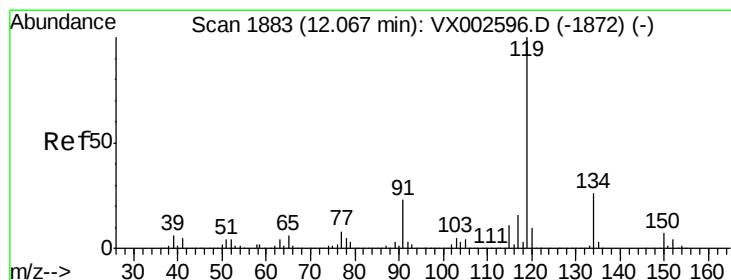
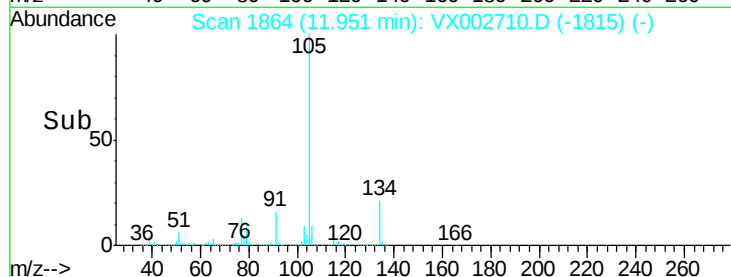
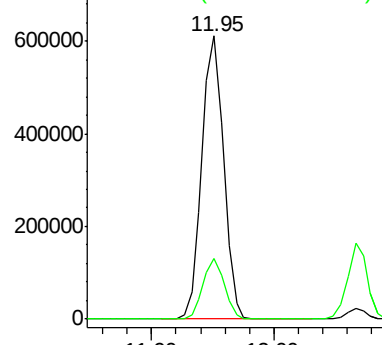
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.47 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

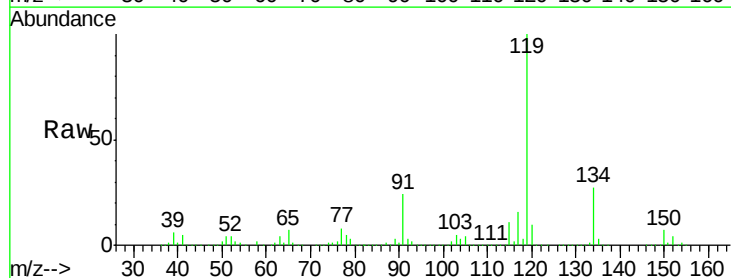
Tgt Ion:119 Resp: 685360

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

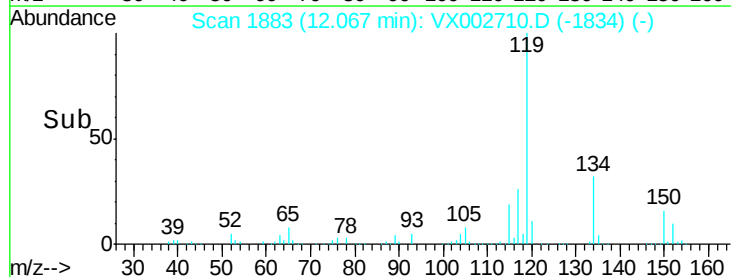
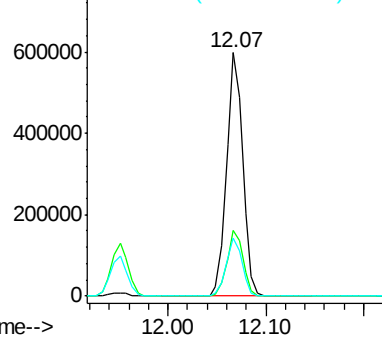
91 23.6 11.9 35.7

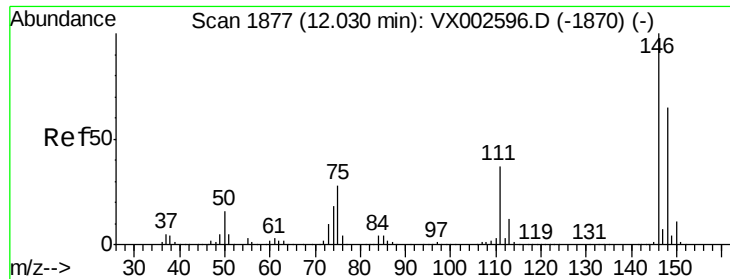


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.79 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

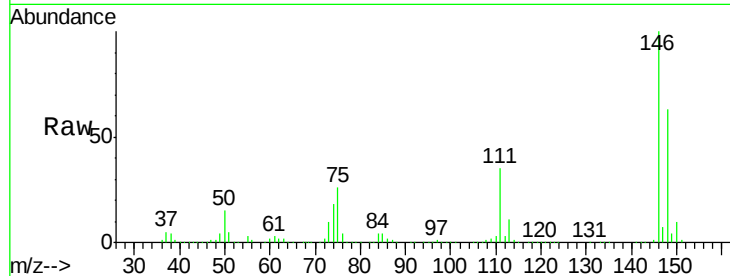
Tot Ion:146 Resp: 369756

Ion Ratio Lower Upper

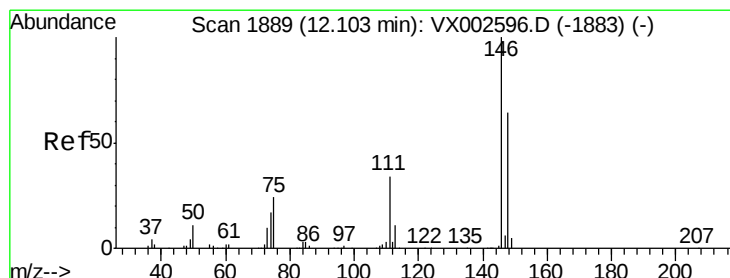
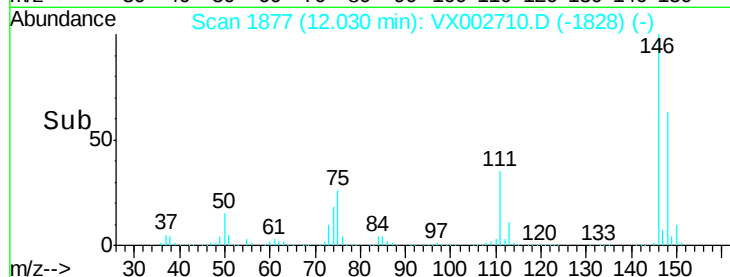
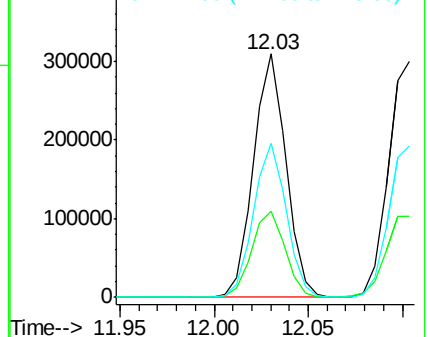
146 100

111 36.5 18.9 56.7

148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.22 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

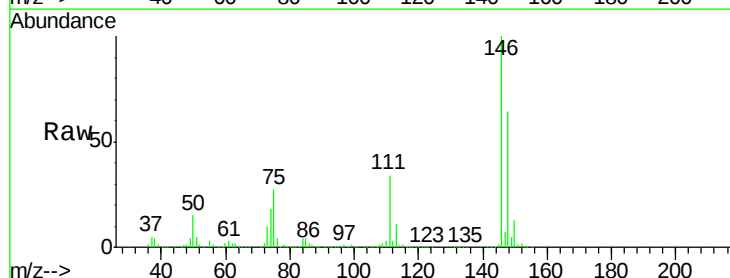
Tgt Ion:146 Resp: 371916

Ion Ratio Lower Upper

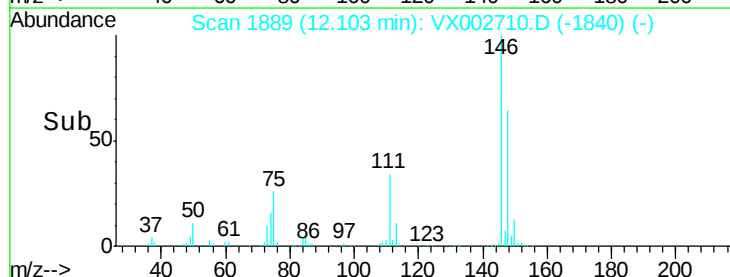
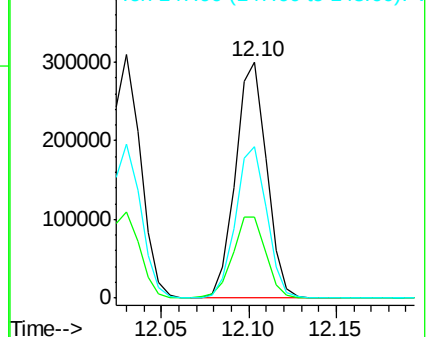
146 100

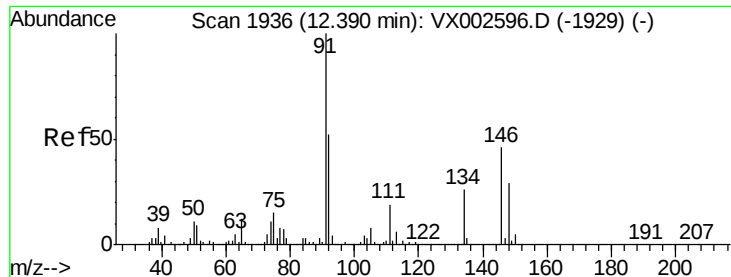
111 36.5 18.7 56.1

148 64.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.66 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002710.D

Acq: 19 Jun 2018 13:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

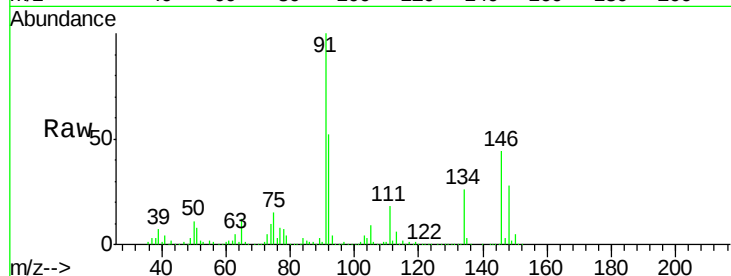
Tot Ion: 91 Resp: 618531

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

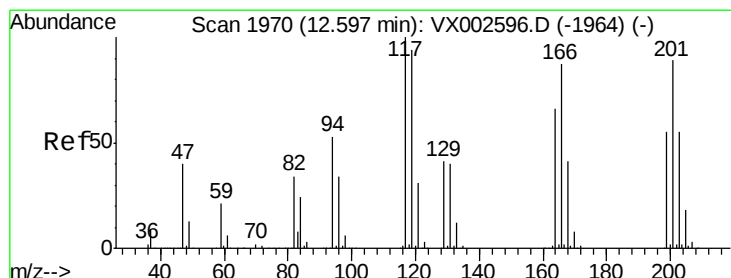
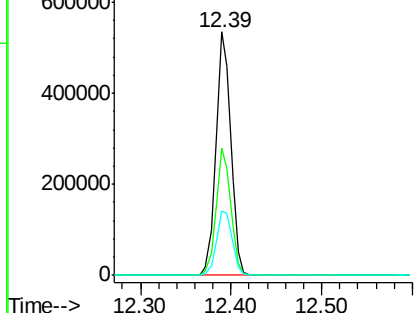
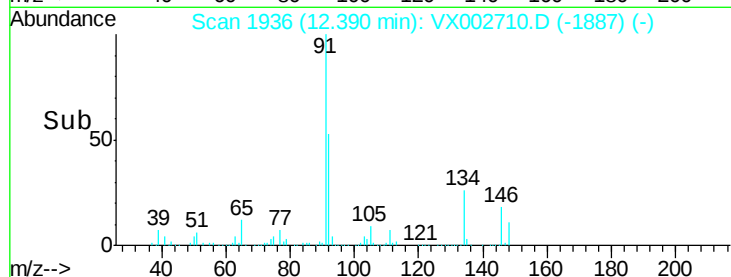
134 27.5 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.70 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002710.D

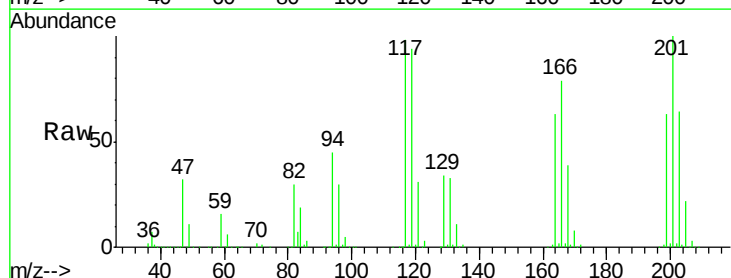
Acq: 19 Jun 2018 13:41

Tgt Ion: 117 Resp: 100938

Ion Ratio Lower Upper

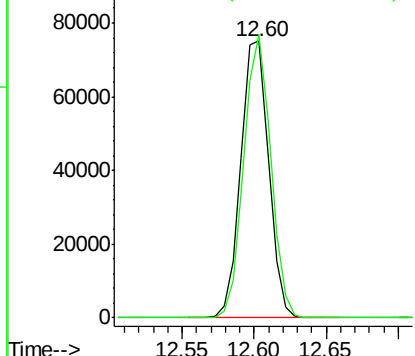
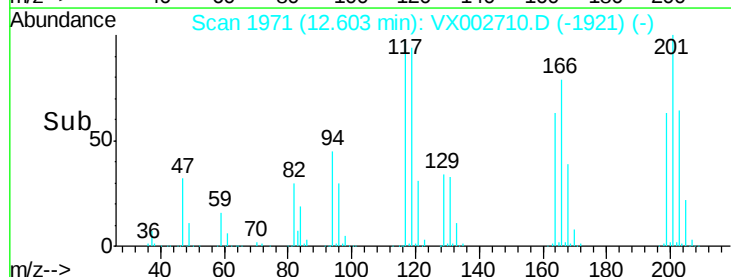
117 100

201 98.2 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

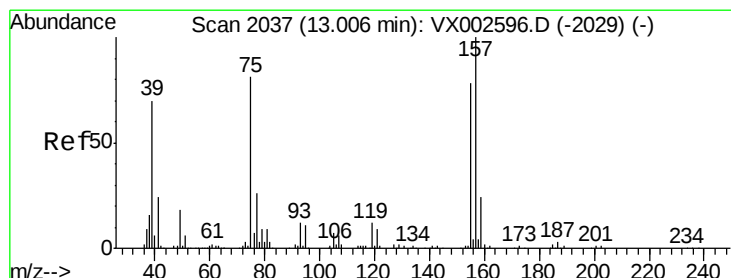
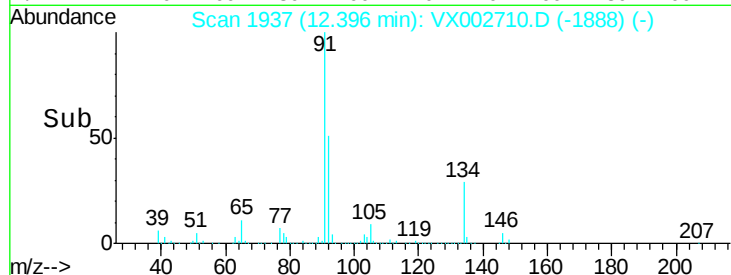
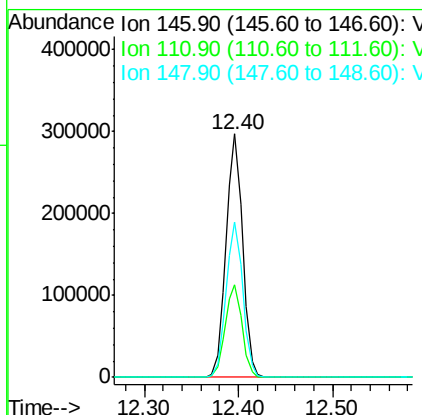
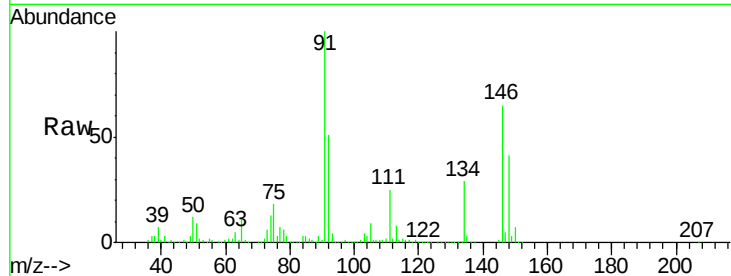




#91
 1,2-Dichlorobenzene
 Concen: 48.49 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

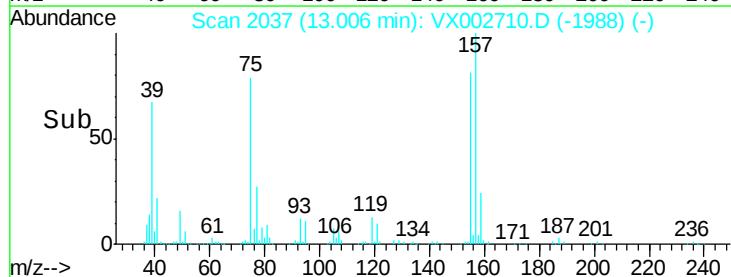
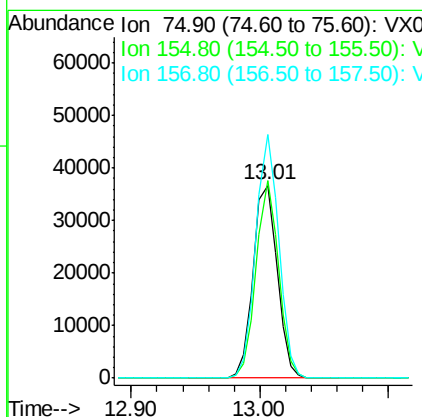
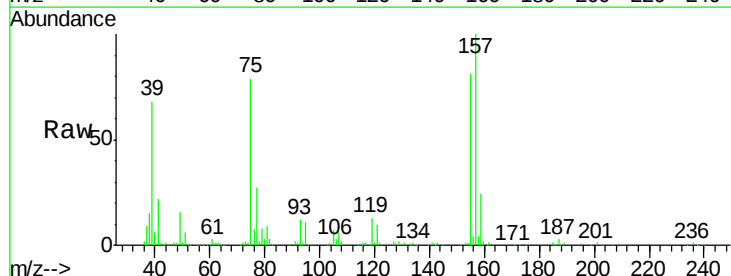
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

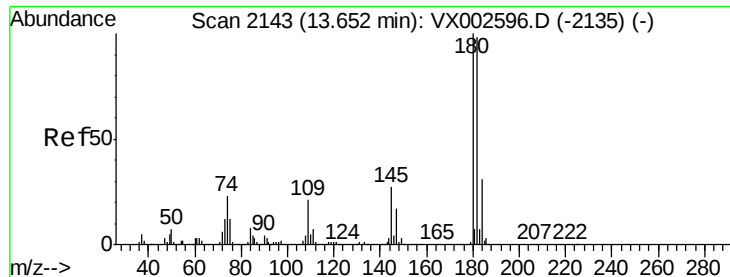
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.1
148	64.0	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.56 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	45.8	137.4
157	120.3	60.1	180.3

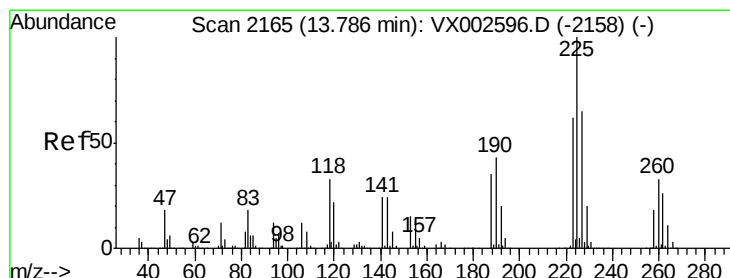
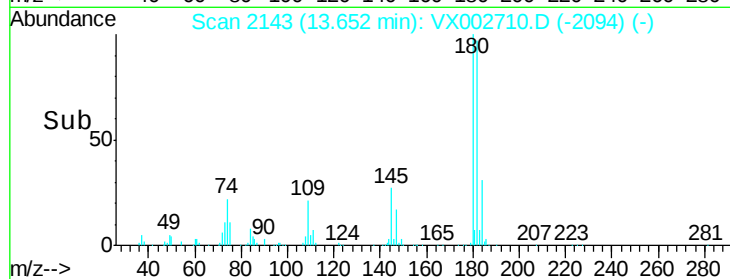
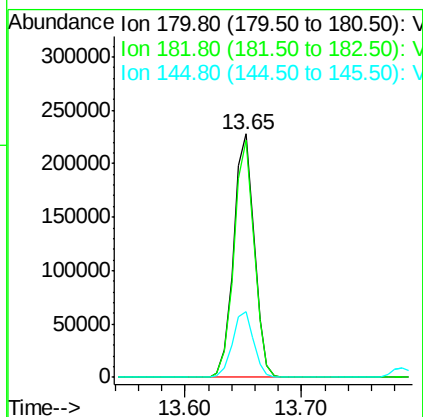
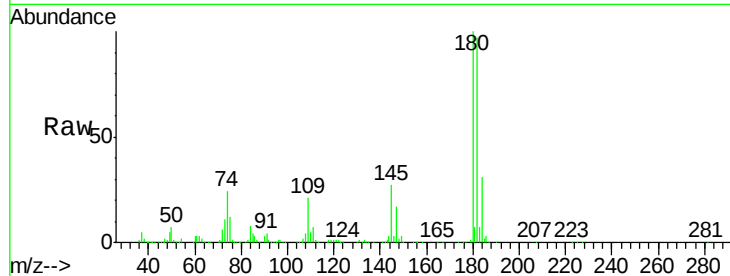




#93
 1,2,4-Trichlorobenzene
 Concen: 51.82 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

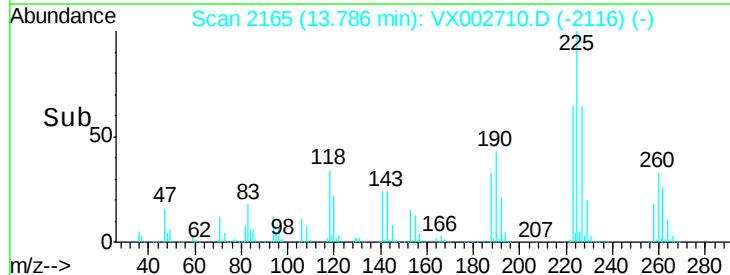
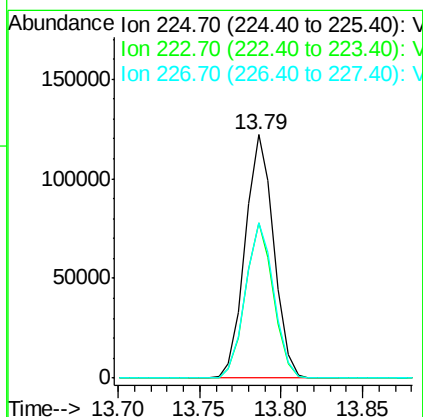
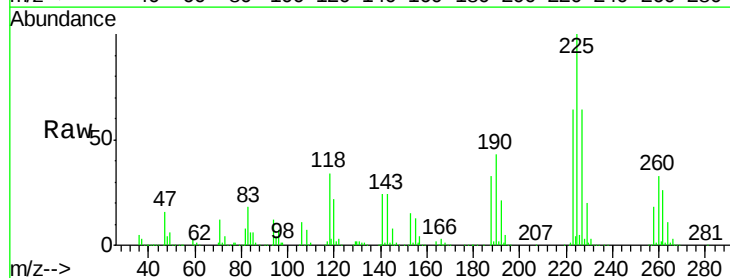
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 281103
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 52.17 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002710.D
 Acq: 19 Jun 2018 13:41

Tgt Ion:225 Resp: 149098
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 63.7 32.4 97.2

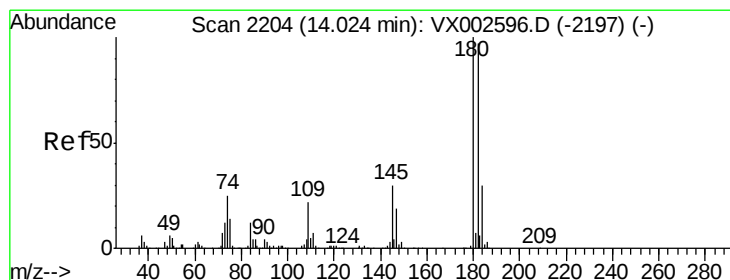
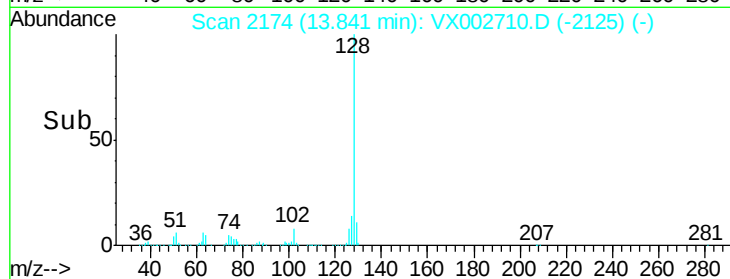
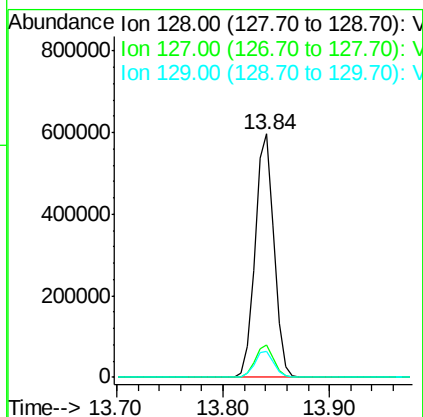
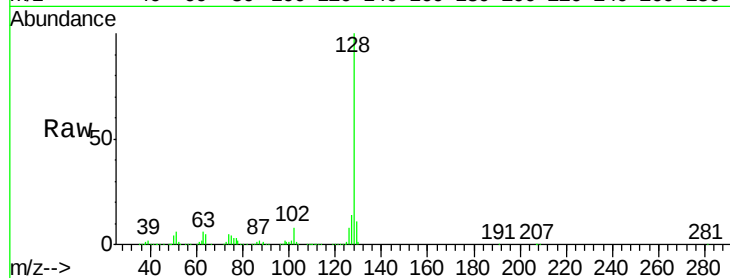




#95
Naphthalene
Concen: 50.63 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 739088
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.83 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002710.D
Acq: 19 Jun 2018 13:41

Tgt Ion:180 Resp: 276960
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.0
145 29.6 14.8 44.3

