

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007685.D
 Acq On : 25 Feb 2019 20:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 26 02:25:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	343159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	543665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	486779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236092	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	197421	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	5.50	113	178853	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.71	98	661182	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.13	95	234066	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	149324	47.237	ug/l	97
3) Chloromethane	1.33	50	158955	45.376	ug/l	100
4) Vinyl Chloride	1.41	62	165689	46.102	ug/l	97
5) Bromomethane	1.64	94	110160	48.620	ug/l	99
6) Chloroethane	1.72	64	106426	46.350	ug/l	97
7) Trichlorofluoromethane	1.93	101	256520	46.559	ug/l	96
8) Diethyl Ether	2.19	74	102240	45.216	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	146566	44.013	ug/l	93
10) Methyl Iodide	2.51	142	209336	50.485	ug/l	97
11) Tert butyl alcohol	3.07	59	187547	232.545	ug/l	98
12) 1,1-Dichloroethene	2.38	96	142757	47.559	ug/l	99
13) Acrolein	2.30	56	153087	213.611	ug/l	99
14) Allyl chloride	2.73	41	256342	46.186	ug/l	98
15) Acrylonitrile	3.15	53	449392	236.780	ug/l	99
16) Acetone	2.45	43	399640	211.420	ug/l	96
17) Carbon Disulfide	2.57	76	388095	46.473	ug/l	99
18) Methyl Acetate	2.78	43	196524	47.645	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	491852	47.054	ug/l	98
20) Methylene Chloride	2.86	84	159169	45.602	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	152132	46.620	ug/l	94
22) Diisopropyl ether	3.87	45	541440	46.862	ug/l	99
23) Vinyl Acetate	3.82	43	2358497	232.666	ug/l	99
24) 1,1-Dichloroethane	3.70	63	294498	46.900	ug/l	99
25) 2-Butanone	4.70	43	659301	228.974	ug/l	99
26) 2,2-Dichloropropane	4.59	77	202969	40.494	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	194966	46.955	ug/l	98
28) Bromochloromethane	5.02	49	140845	46.074	ug/l	94
29) Tetrahydrofuran	5.15	42	436107	229.771	ug/l	99
30) Chloroform	5.21	83	309361	45.994	ug/l	99
31) Cyclohexane	5.57	56	267642	45.313	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	263131	47.303	ug/l	99
36) 1,1-Dichloropropene	5.80	75	227542	46.554	ug/l	99
37) Ethyl Acetate	4.85	43	252250	46.459	ug/l	98
38) Carbon Tetrachloride	5.79	117	227421	46.320	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	274991	44.516	ug/l	99
40) Benzene	6.14	78	711476	47.155	ug/l	98
41) Methacrylonitrile	5.06	41	137486	47.421	ug/l	98
42) 1,2-Dichloroethane	6.20	62	237310	46.795	ug/l	99
43) Isopropyl Acetate	6.46	43	394325	47.189	ug/l	99
44) Trichloroethene	7.21	130	196534	47.351	ug/l	94
45) 1,2-Dichloropropane	7.51	63	182748	46.757	ug/l	99
46) Dibromomethane	7.66	93	122846	45.053	ug/l	94
47) Bromodichloromethane	7.90	83	227407	48.126	ug/l	98
48) Methyl methacrylate	7.77	41	202650	46.265	ug/l	99
49) 1,4-Dioxane	7.75	88	91436	966.499	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1314504	235.005	ug/l	100
52) Toluene	8.79	92	449189	47.212	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	246827	42.464	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	272708	47.558	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	185623	46.785	ug/l	97
56) Ethyl methacrylate	9.18	69	274238	48.605	ug/l	99
57) 1,3-Dichloropropane	9.37	76	301927	47.539	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	740520	238.006	ug/l	99
59) 2-Hexanone	9.49	43	1004113	228.654	ug/l	100
60) Dibromochloromethane	9.59	129	188853	49.468	ug/l	97
61) 1,2-Dibromoethane	9.67	107	197942	48.052	ug/l	99
64) Tetrachloroethene	9.34	164	189810	48.032	ug/l	97
65) Chlorobenzene	10.14	112	494250	46.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	177841	48.426	ug/l	98
67) Ethyl Benzene	10.25	91	837651	48.030	ug/l	98
68) m/p-Xylenes	10.36	106	646172	95.238	ug/l	98
69) o-Xylene	10.69	106	314534	48.196	ug/l	97
70) Styrene	10.71	104	513472	47.867	ug/l	99
71) Bromoform	10.86	173	131045	47.586	ug/l #	100
73) Isopropylbenzene	11.02	105	833378	49.389	ug/l	99
74) N-amyl acetate	10.90	43	362079	49.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	269057	46.102	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	314779	62.550	ug/l	79
77) Bromobenzene	11.26	156	208691	49.309	ug/l	89
78) n-propylbenzene	11.36	91	959715	50.332	ug/l	97
79) 2-Chlorotoluene	11.42	91	556445	48.466	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	697049	50.221	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	79489	42.789	ug/l	94
82) 4-Chlorotoluene	11.51	91	652042	48.548	ug/l	97
83) tert-Butylbenzene	11.77	119	659050	49.454	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	705684	49.705	ug/l	98
85) sec-Butylbenzene	11.94	105	834695	49.983	ug/l	98
86) p-Isopropyltoluene	12.06	119	730377	49.941	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	374010	47.641	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	377384	46.938	ug/l	98
89) n-Butylbenzene	12.38	91	638279	48.938	ug/l	99
90) Hexachloroethane	12.60	117	121440	49.282	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	374759	47.710	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59110	46.484	ug/l	88

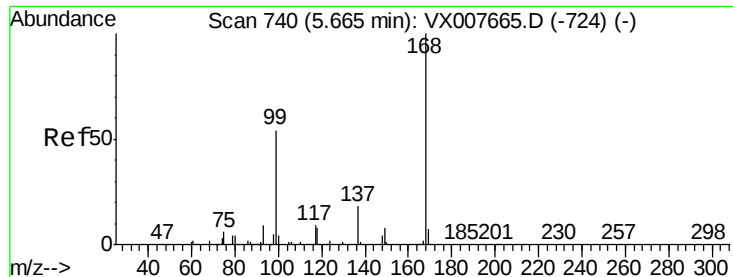
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	232090	48.405	ug/l	98
94) Hexachlorobutadiene	13.78	225	102022	46.512	ug/l	99
95) Naphthalene	13.83	128	807209	51.963	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	233633	48.528	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

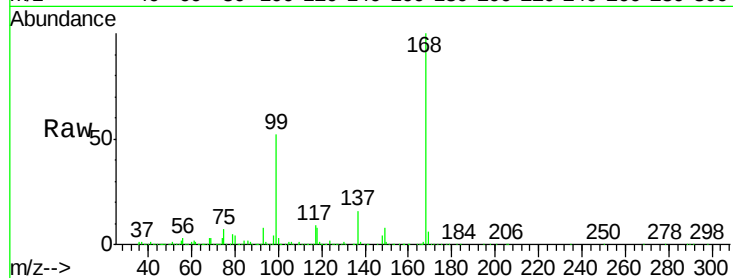
VSTDCCC050EC

Tot Ion:168 Resp: 343159

Ion Ratio Lower Upper

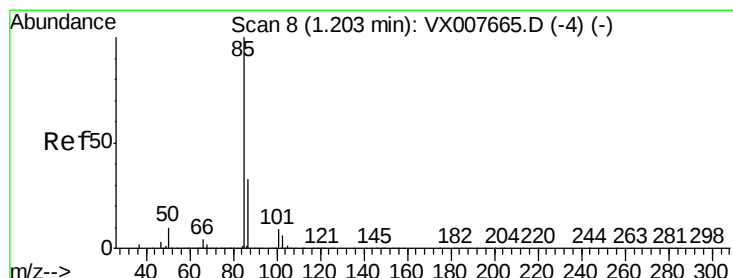
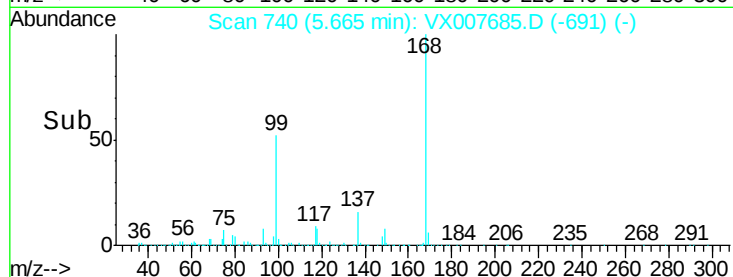
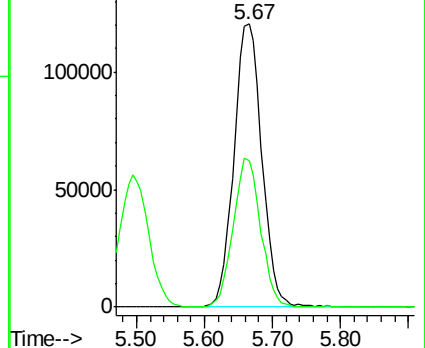
168 100

99 51.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.237 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007685.D

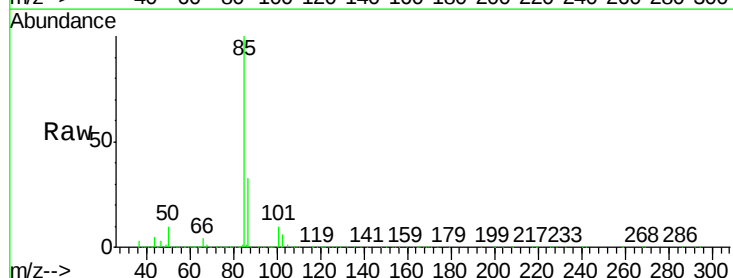
Acq: 25 Feb 2019 20:20

Tgt Ion: 85 Resp: 149324

Ion Ratio Lower Upper

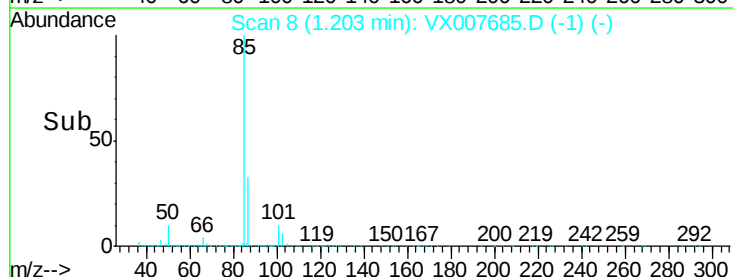
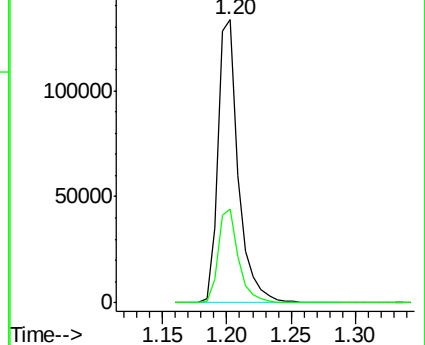
85 100

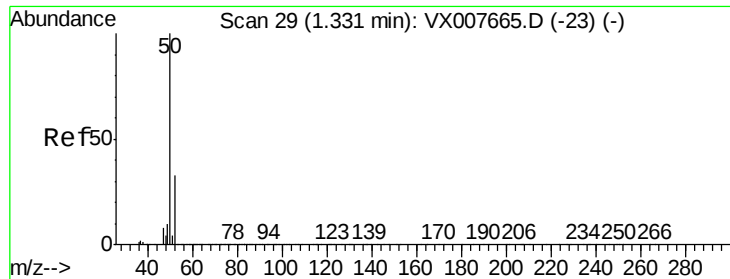
87 33.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.376 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

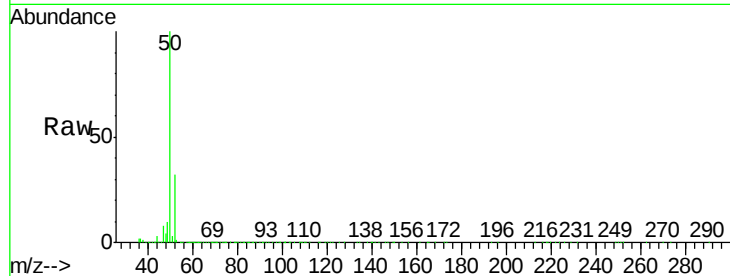
VSTDCCC050EC

Tot Ion: 50 Resp: 158955

Ion Ratio Lower Upper

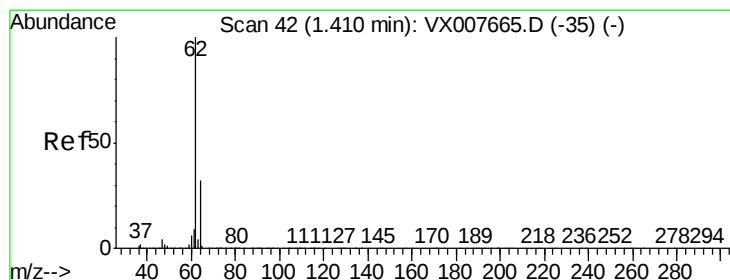
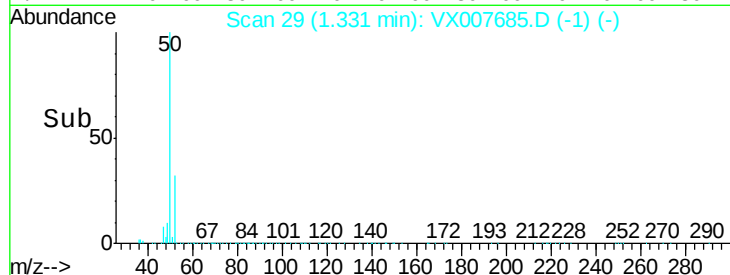
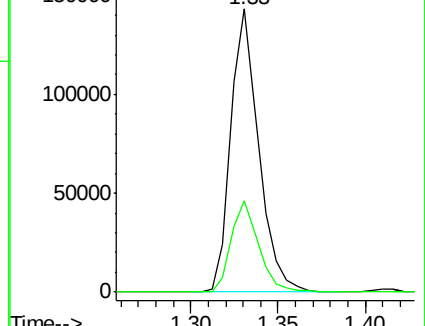
50 100

52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.102 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007685.D

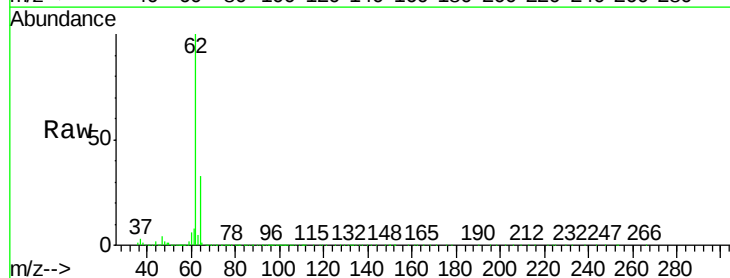
Acq: 25 Feb 2019 20:20

Tgt Ion: 62 Resp: 165689

Ion Ratio Lower Upper

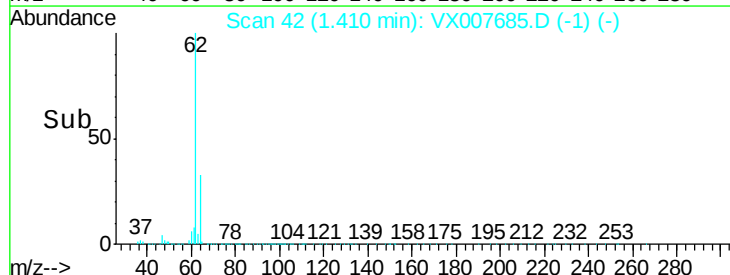
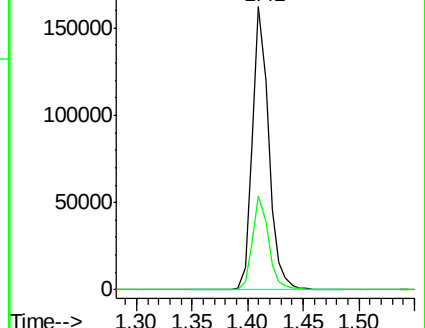
62 100

64 33.2 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.620 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

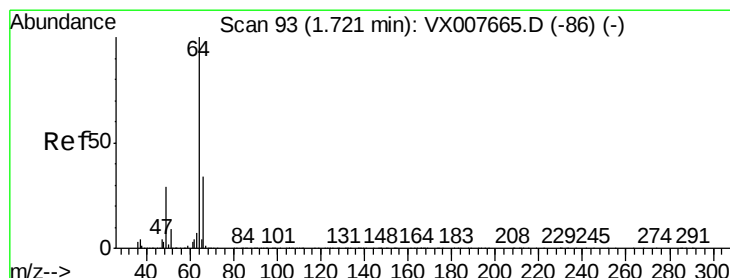
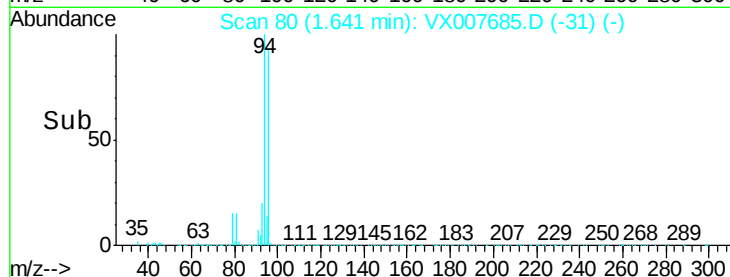
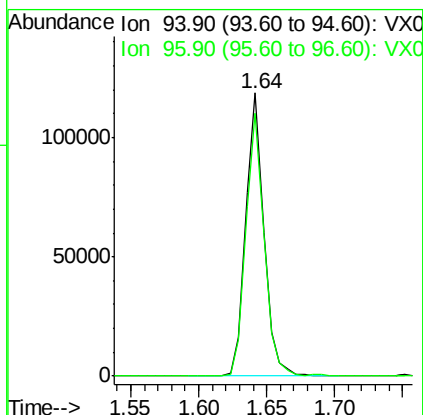
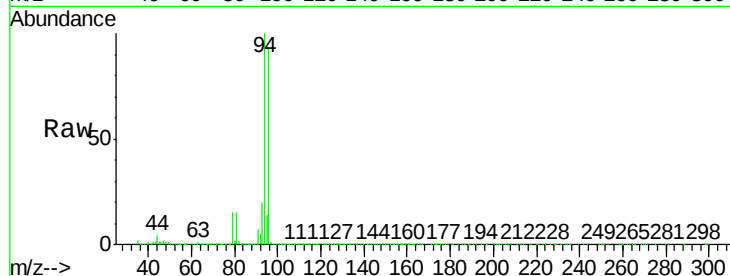
VSTDCCC050EC

Tot Ion: 94 Resp: 110160

Ion Ratio Lower Upper

94 100

96 93.0 73.9 110.9



#6

Chloroethane

Concen: 46.350 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007685.D

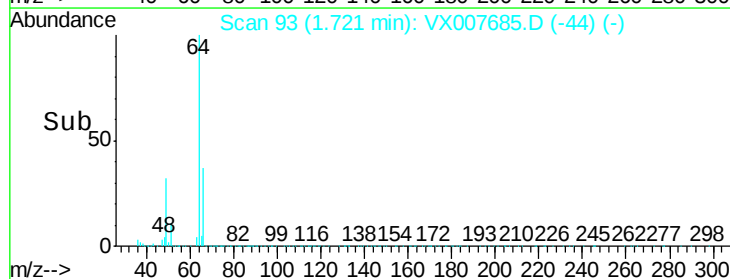
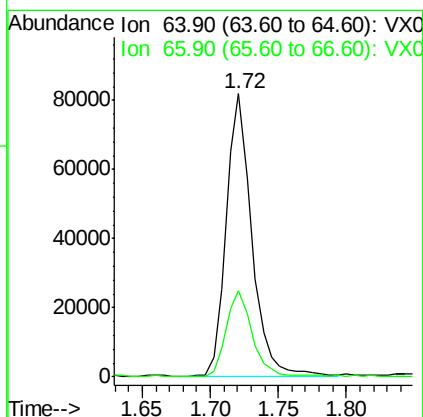
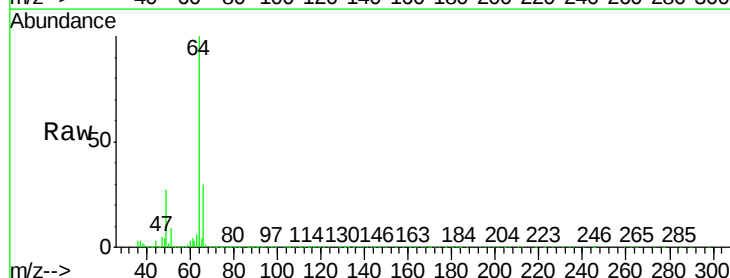
Acq: 25 Feb 2019 20:20

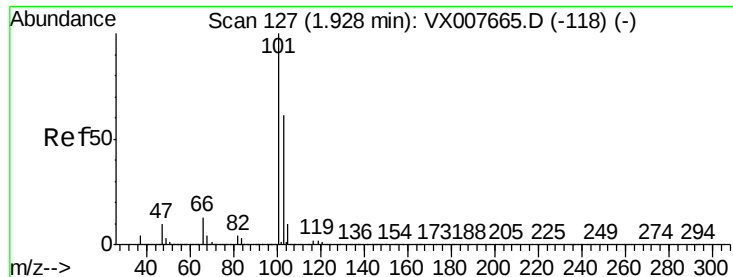
Tgt Ion: 64 Resp: 106426

Ion Ratio Lower Upper

64 100

66 30.2 25.5 38.3



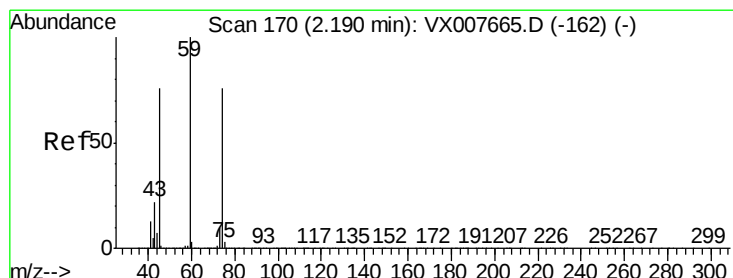
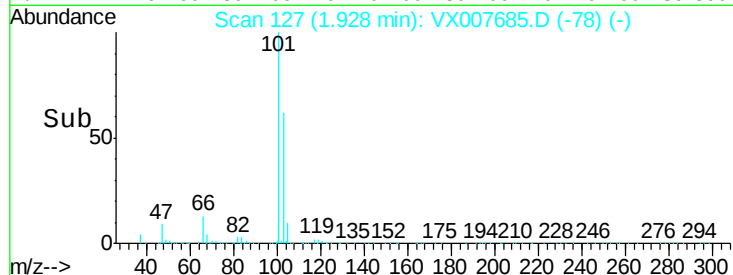
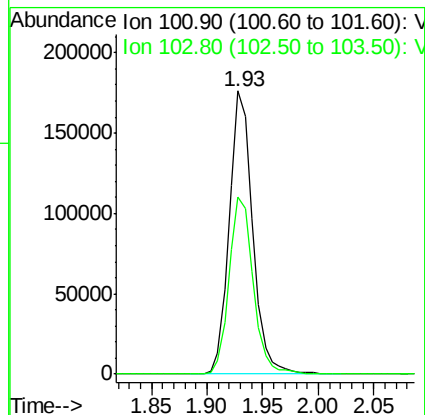
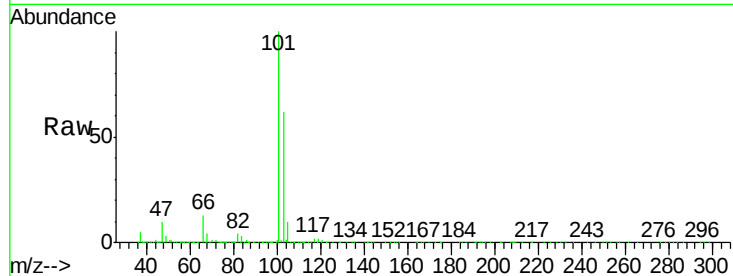


#7

Trichlorofluoromethane
Concen: 46.559 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
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VSTDCCC050EC

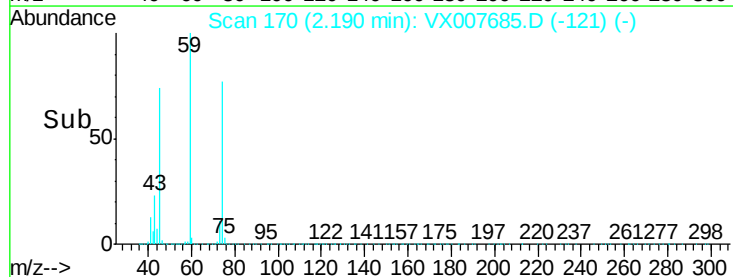
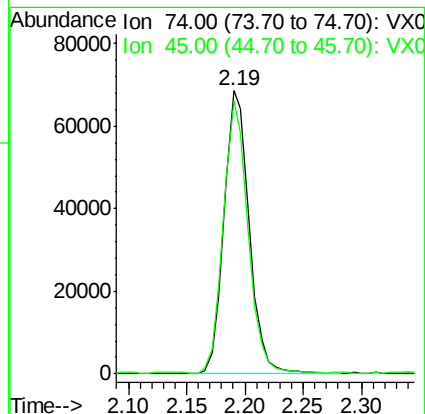
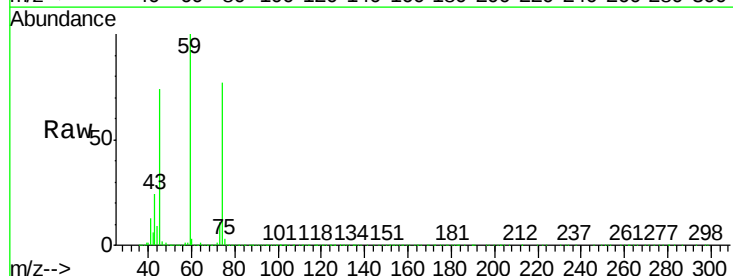
Tot Ion:101 Resp: 256520
Ion Ratio Lower Upper
101 100
103 62.4 52.6 79.0

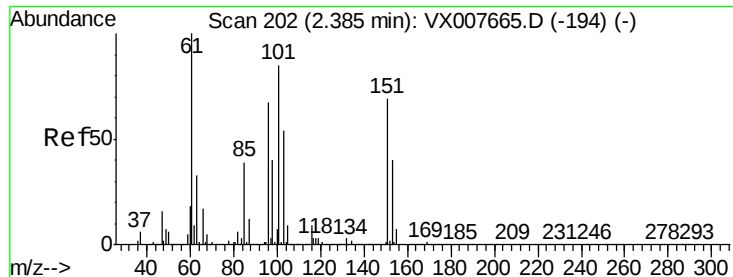


#8

Diethyl Ether
Concen: 45.216 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion: 74 Resp: 102240
Ion Ratio Lower Upper
74 100
45 94.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.013 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

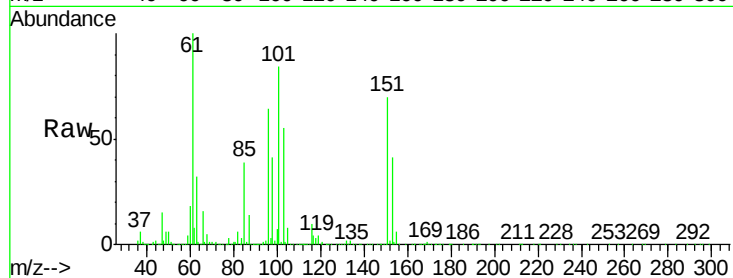
Tot Ion:101 Resp: 146566

Ion Ratio Lower Upper

101 100

85 46.8 34.1 51.1

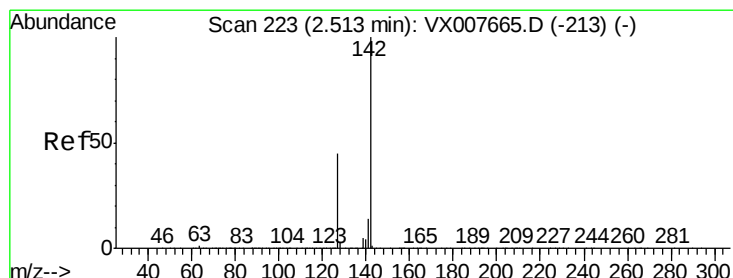
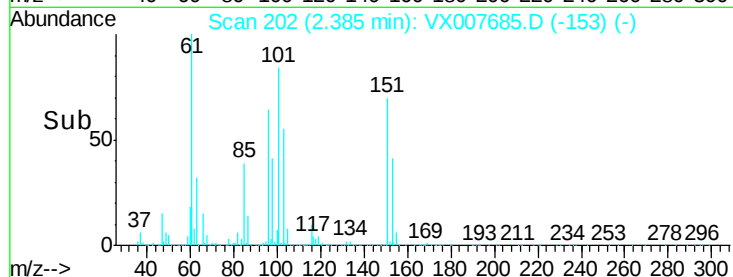
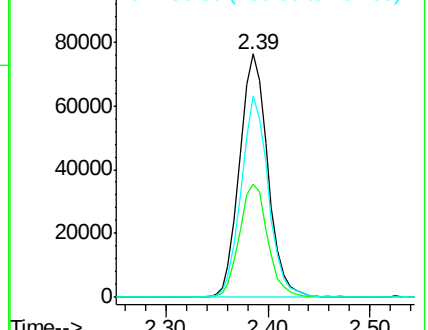
151 80.3 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.485 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

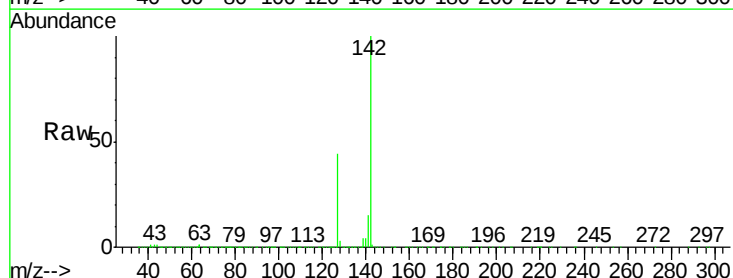
Tgt Ion:142 Resp: 209336

Ion Ratio Lower Upper

142 100

127 44.6 33.7 50.5

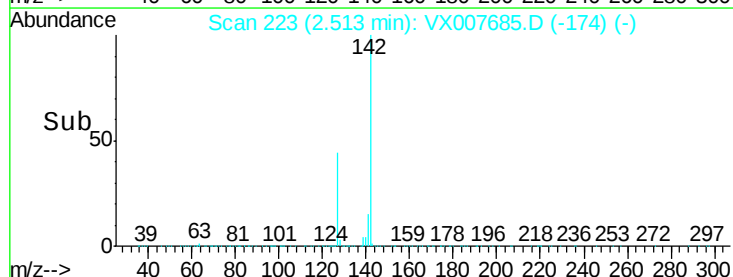
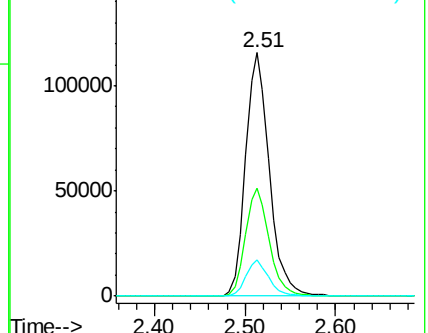
141 14.3 11.3 16.9

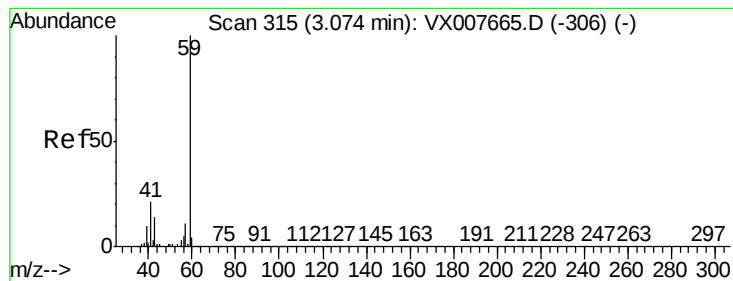


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 232.545 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

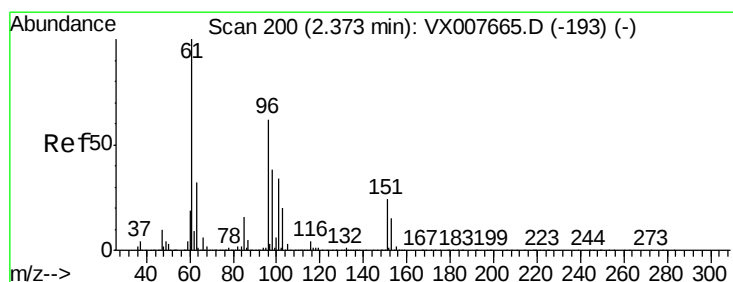
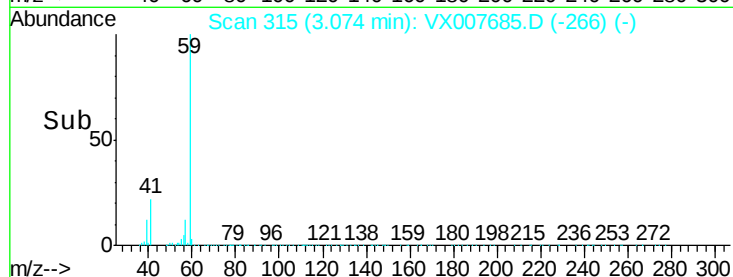
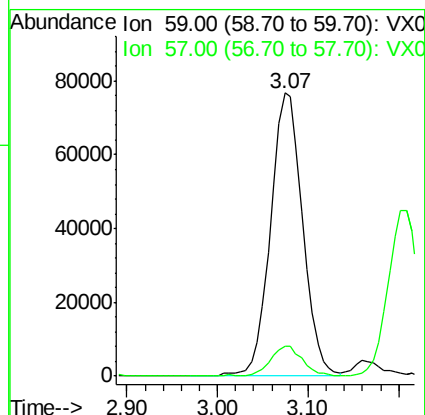
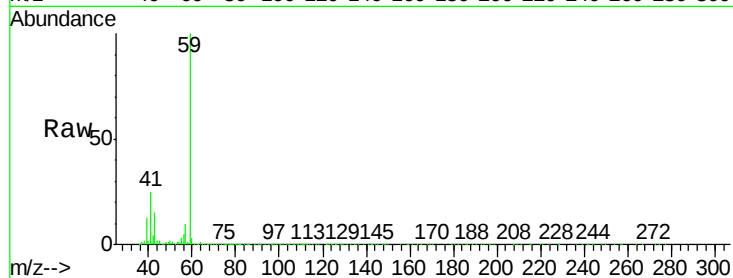
VSTDCCC050EC

Tot Ion: 59 Resp: 187547

Ion Ratio Lower Upper

59 100

57 10.7 8.1 12.1



#12

1,1-Dichloroethene

Concen: 47.559 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

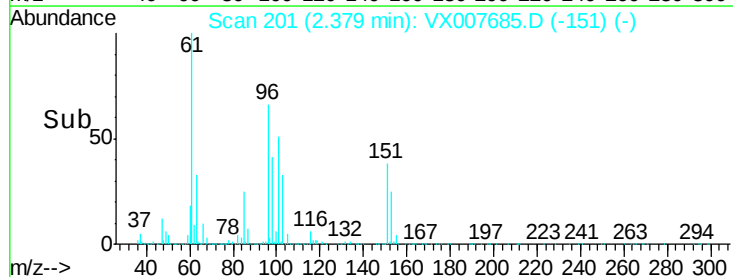
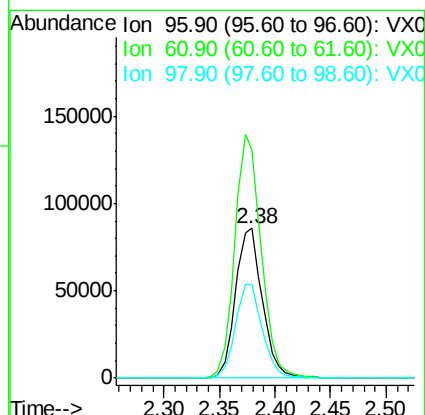
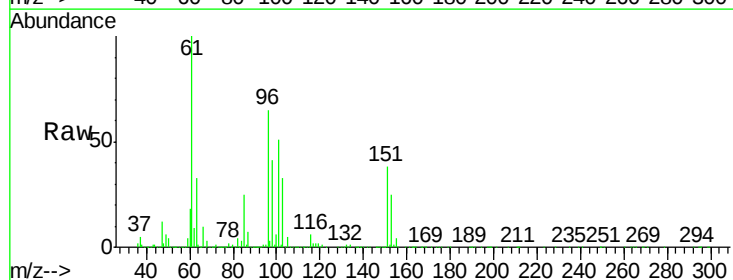
Tgt Ion: 96 Resp: 142757

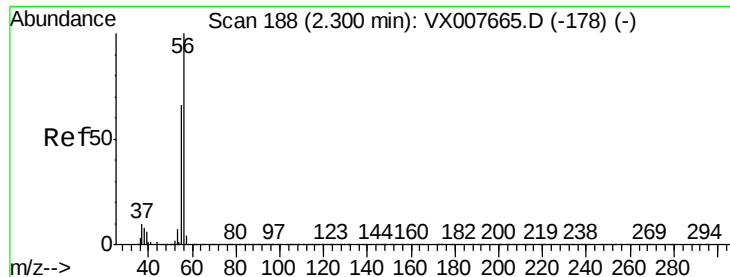
Ion Ratio Lower Upper

96 100

61 152.6 123.0 184.4

98 63.0 50.9 76.3





#13

Acrolein

Concen: 213.611 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

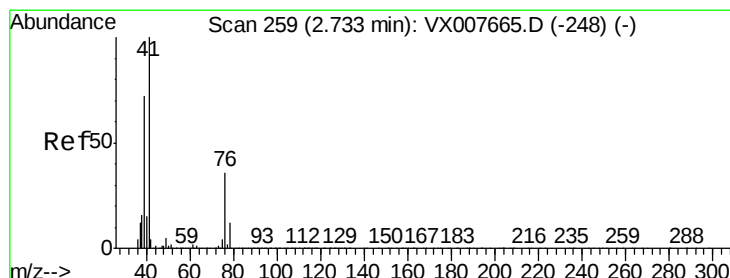
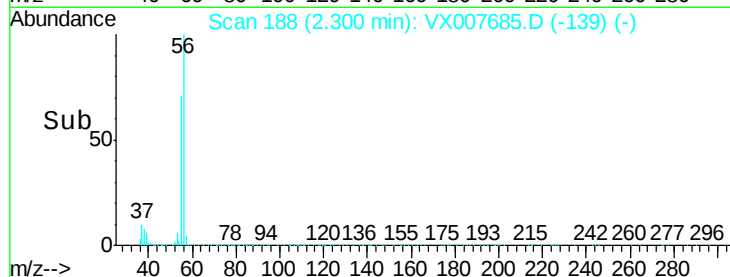
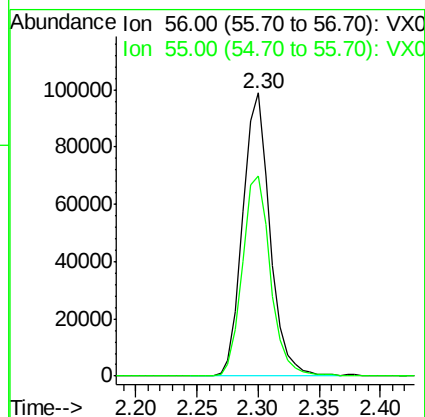
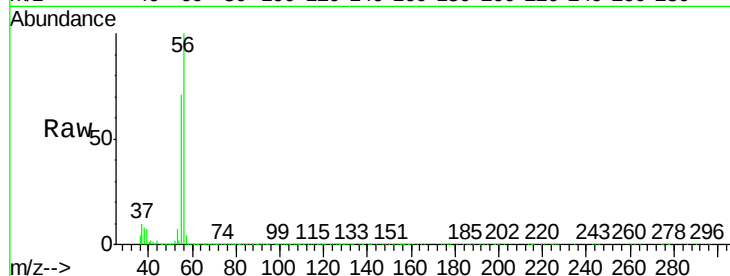
VSTDCCC050EC

Tot Ion: 56 Resp: 153087

Ion Ratio Lower Upper

56 100

55 72.0 56.9 85.3



#14

Allyl chloride

Concen: 46.186 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

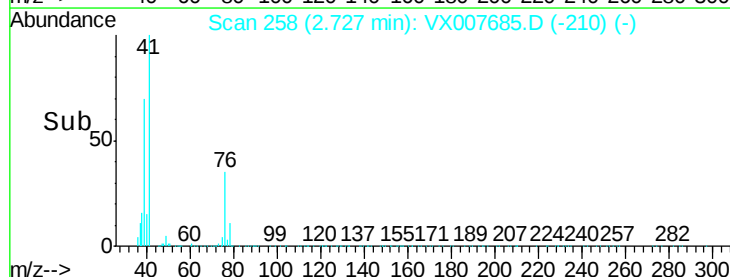
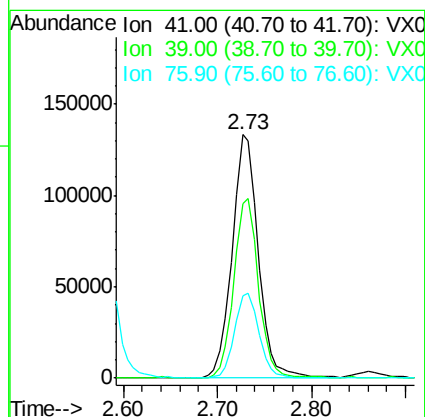
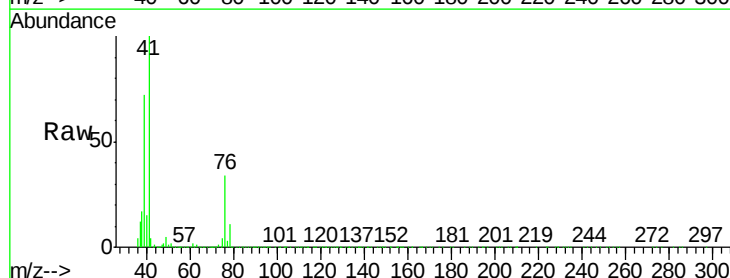
Tgt Ion: 41 Resp: 256342

Ion Ratio Lower Upper

41 100

39 69.7 54.1 81.1

76 33.5 27.8 41.8





#15

Acrylonitrile

Concen: 236.780 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

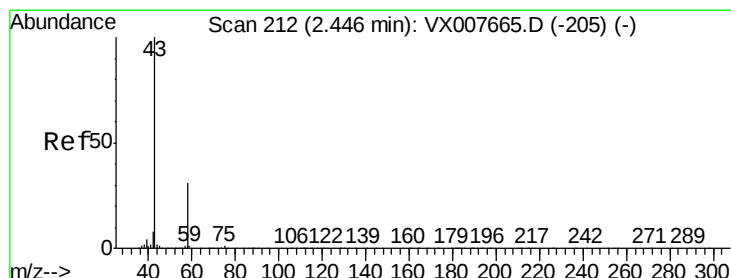
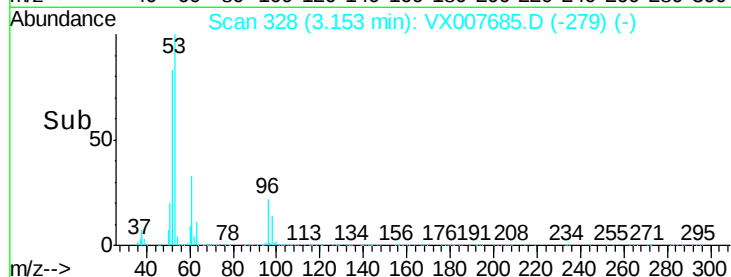
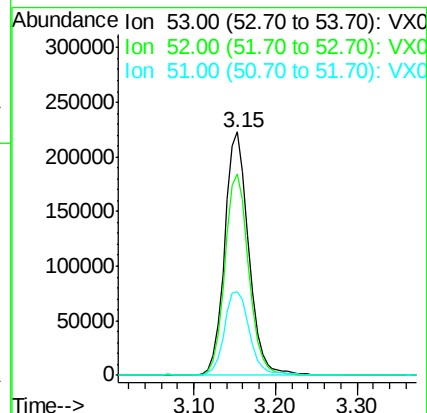
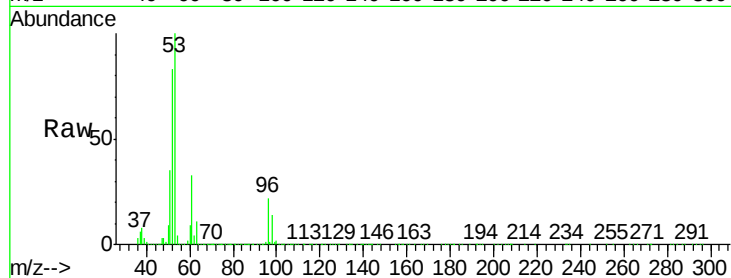
Tot Ion: 53 Resp: 449392

Ion Ratio Lower Upper

53 100

52 83.1 66.4 99.6

51 36.7 28.4 42.6



#16

Acetone

Concen: 211.420 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007685.D

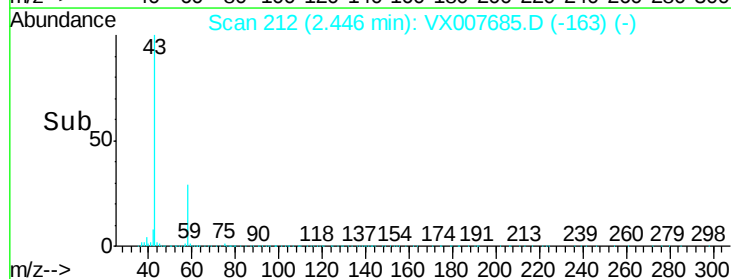
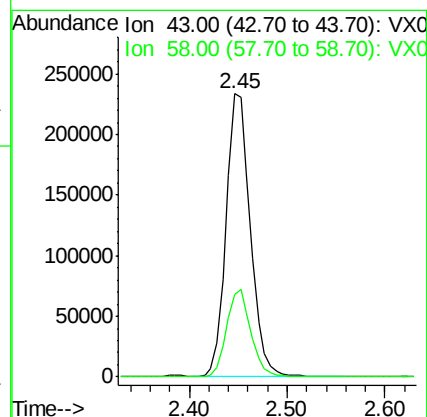
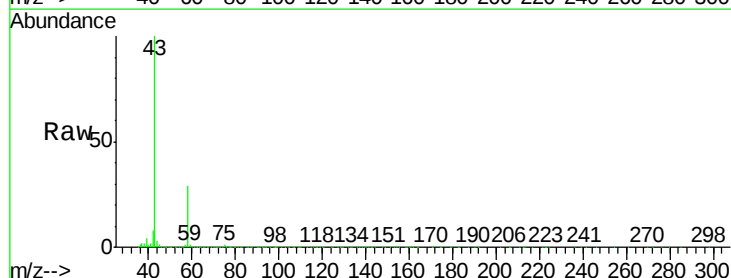
Acq: 25 Feb 2019 20:20

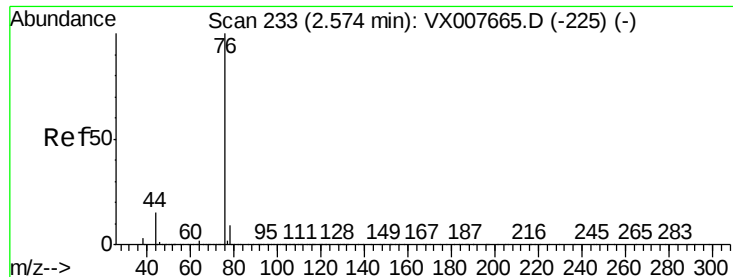
Tgt Ion: 43 Resp: 399640

Ion Ratio Lower Upper

43 100

58 29.0 24.9 37.3





#17

Carbon Disulfide

Concen: 46.473 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

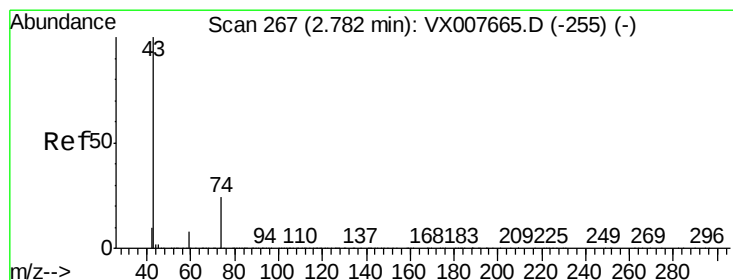
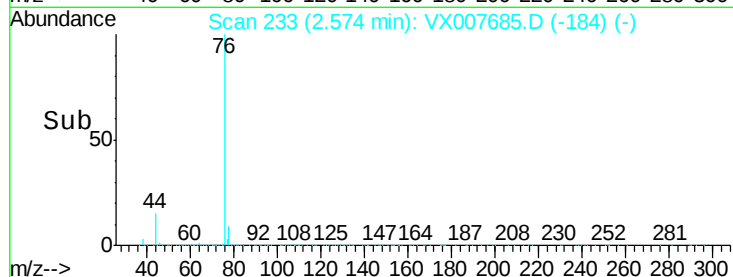
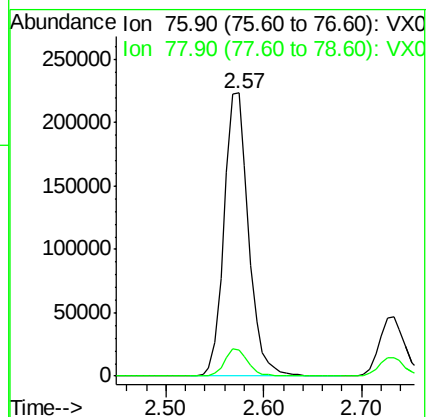
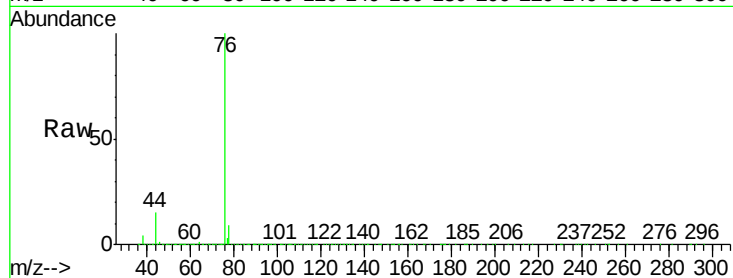
VSTDCCC050EC

Tot Ion: 76 Resp: 388095

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 47.645 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007685.D

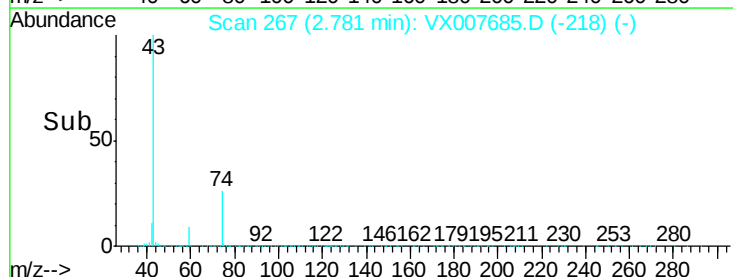
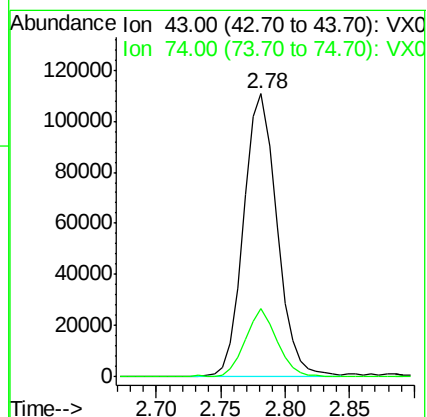
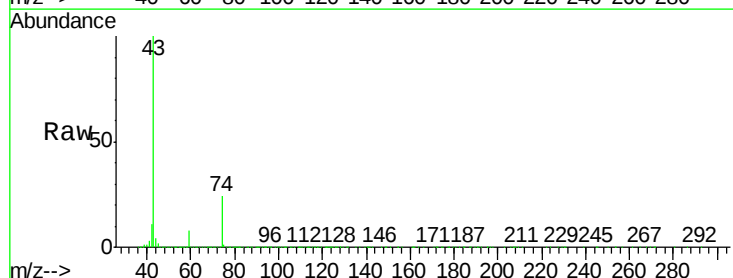
Acq: 25 Feb 2019 20:20

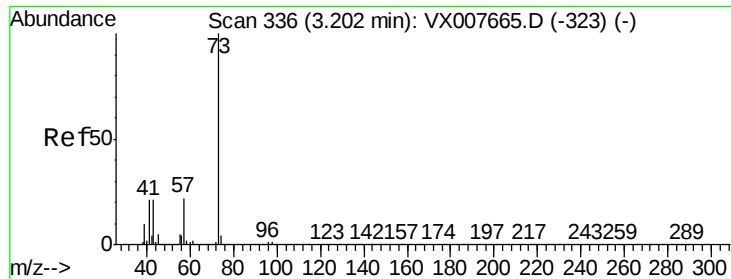
Tgt Ion: 43 Resp: 196524

Ion Ratio Lower Upper

43 100

74 22.5 19.4 29.2

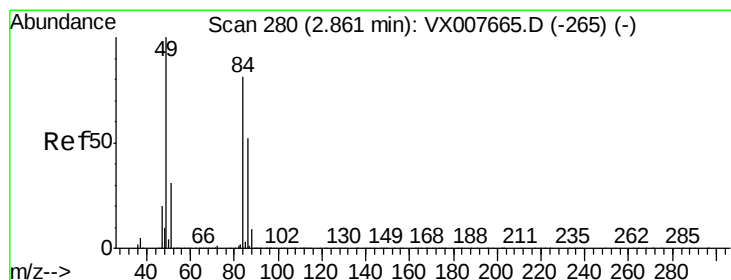
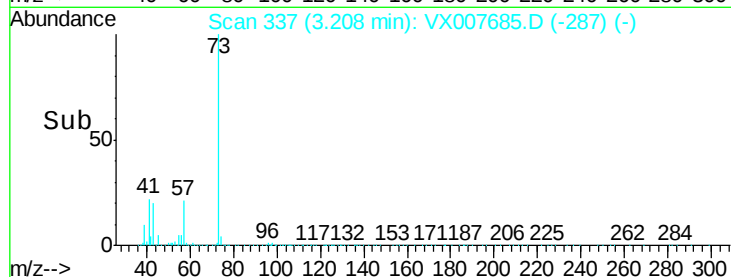
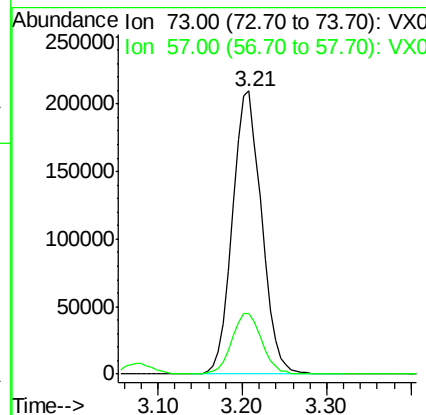
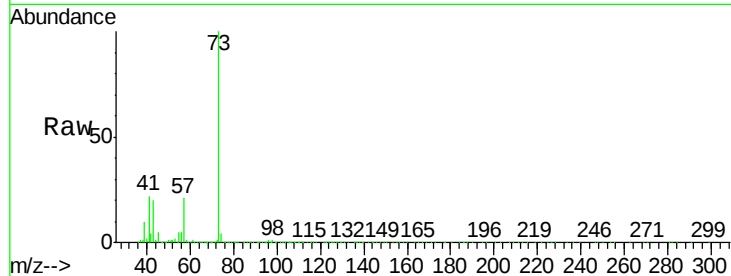




#19
Methvl tert-butvl Ether
Concen: 47.054 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

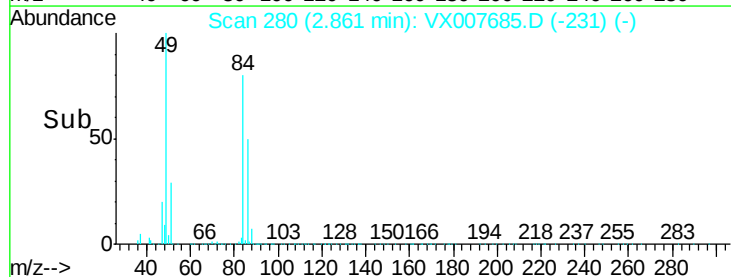
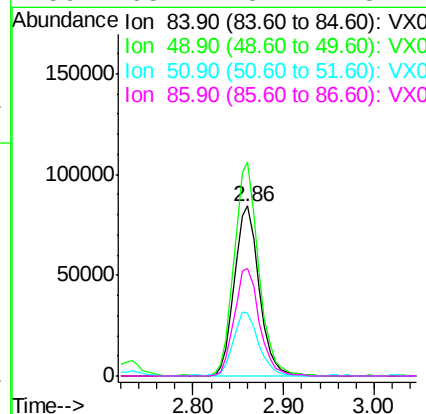
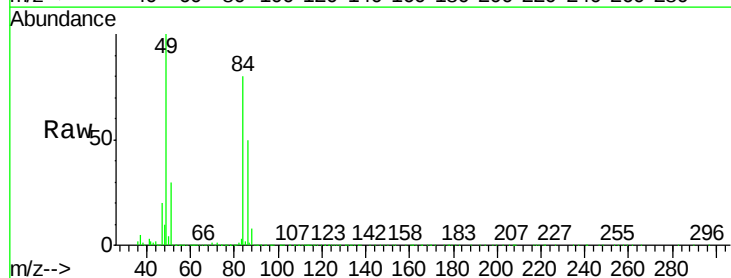
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

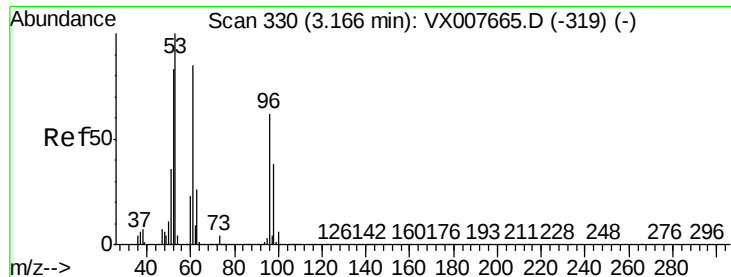
Tot Ion: 73 Resp: 491852
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8



#20
Methylene Chloride
Concen: 45.602 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion: 84 Resp: 159169
Ion Ratio Lower Upper
84 100
49 125.6 94.8 142.2
51 36.9 29.8 44.8
86 63.2 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 46.620 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

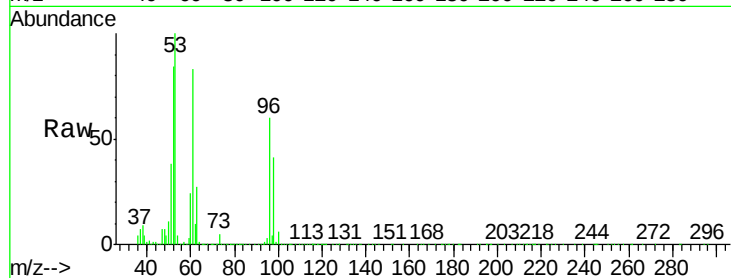
Tot Ion: 96 Resp: 152132

Ion Ratio Lower Upper

96 100

61 139.0 104.6 156.8

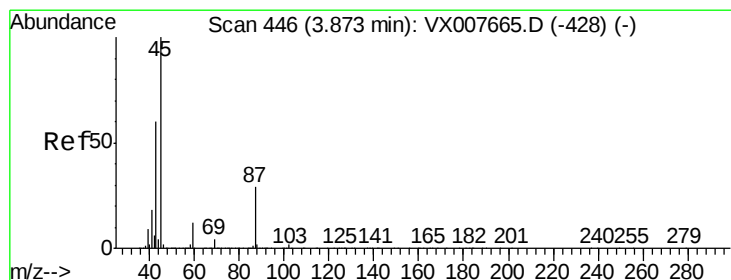
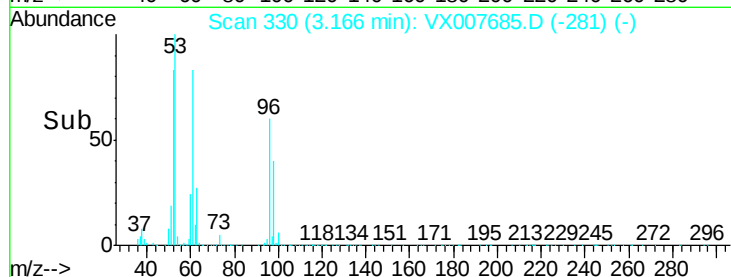
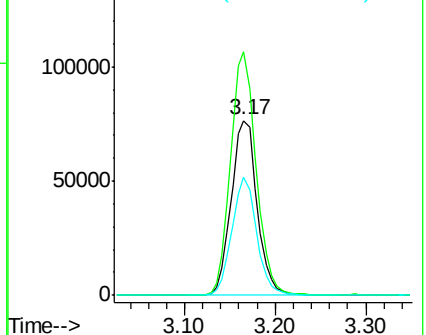
98 67.7 51.0 76.4



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



#22

Diisopropyl ether

Concen: 46.862 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Tgt Ion: 45 Resp: 541440

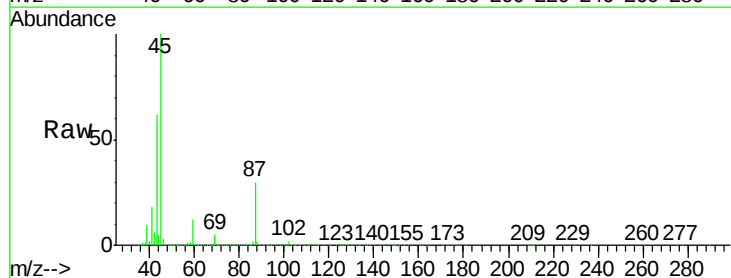
Ion Ratio Lower Upper

45 100

43 61.5 48.9 73.3

87 29.4 23.9 35.9

59 12.2 9.6 14.4

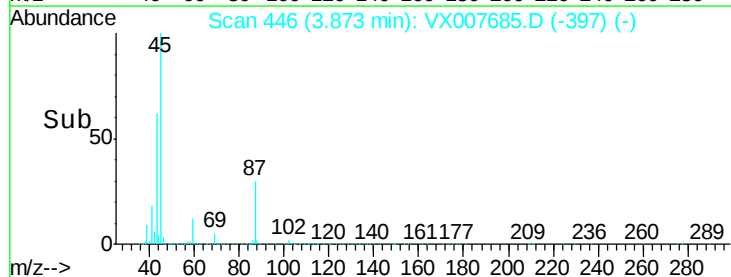
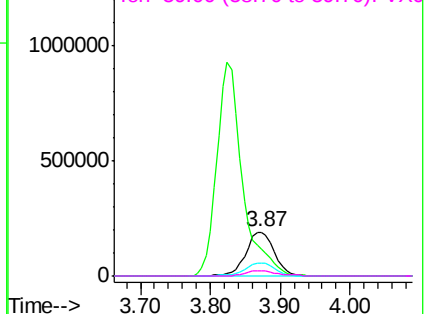


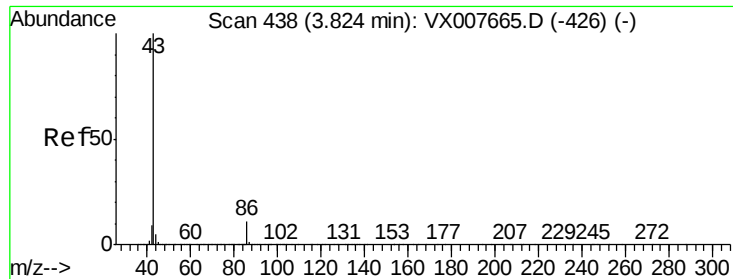
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 232.666 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

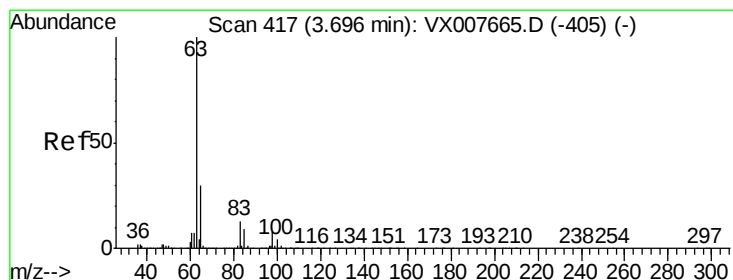
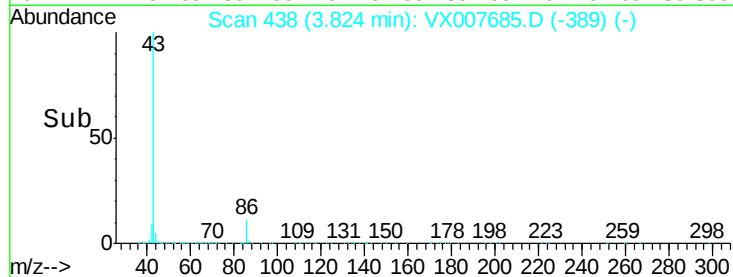
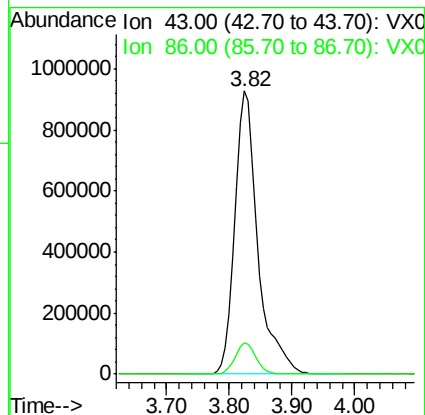
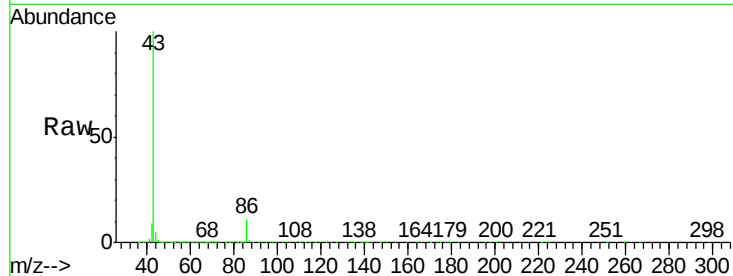
VSTDCCC050EC

Tot Ion: 43 Resp: 2358497

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



#24

1,1-Dichloroethane

Concen: 46.900 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

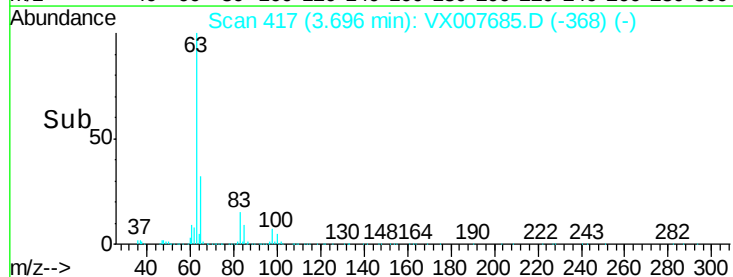
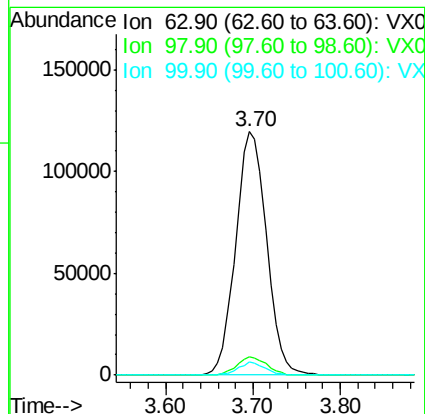
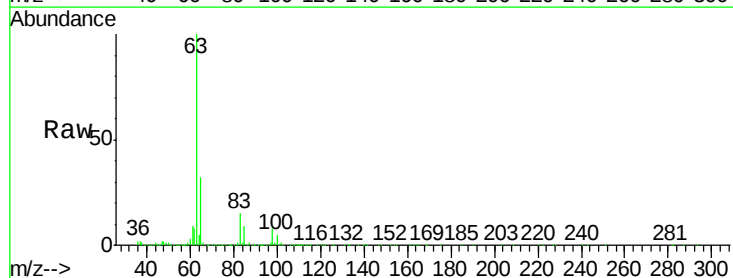
Tgt Ion: 63 Resp: 294498

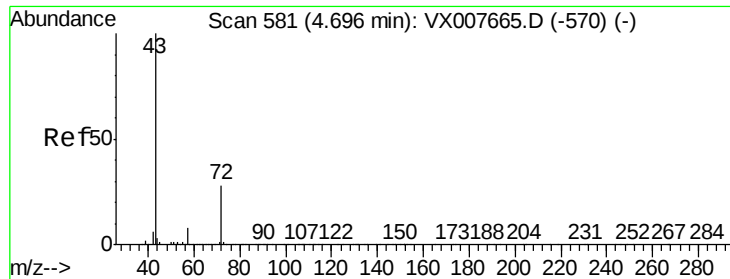
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 228.974 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

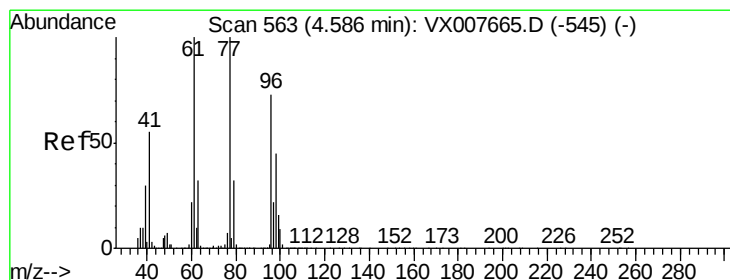
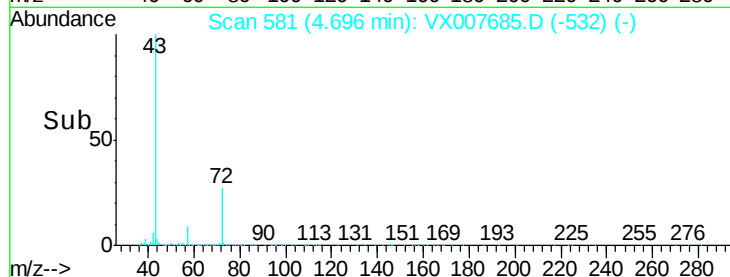
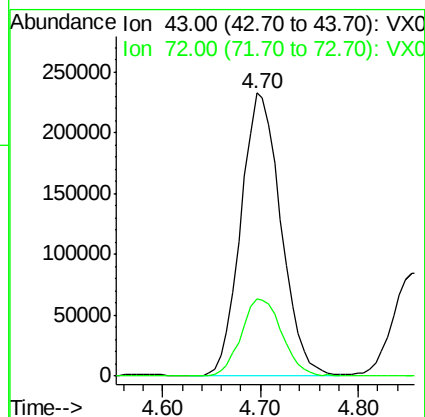
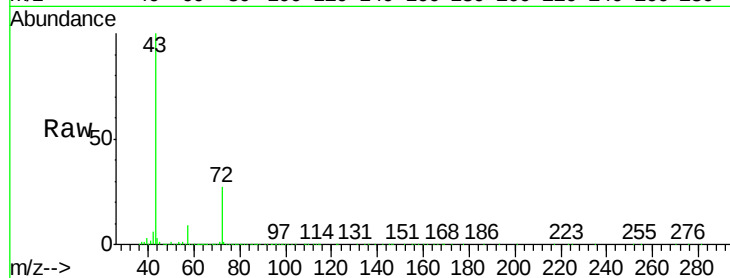
VSTDCCC050EC

Tot Ion: 43 Resp: 659301

Ion Ratio Lower Upper

43 100

72 27.1 22.2 33.2



#26

2,2-Dichloropropane

Concen: 40.494 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007685.D

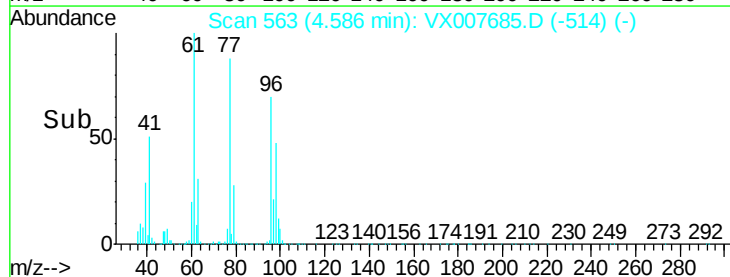
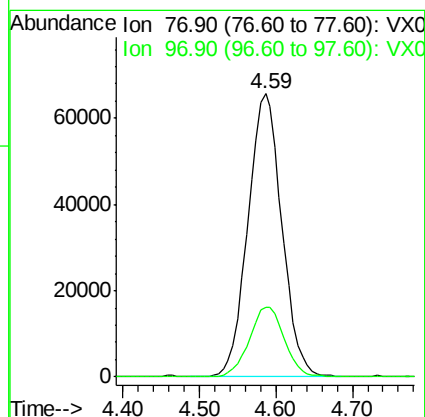
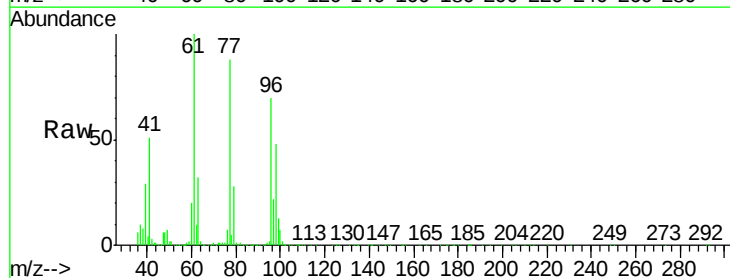
Acq: 25 Feb 2019 20:20

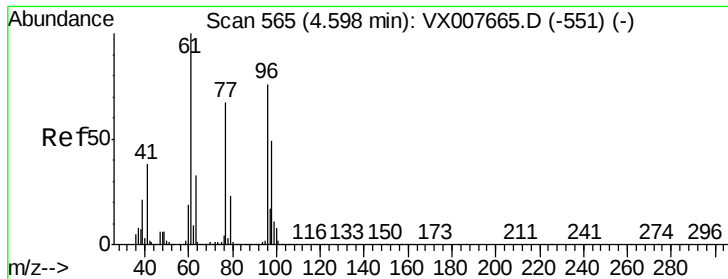
Tgt Ion: 77 Resp: 202969

Ion Ratio Lower Upper

77 100

97 25.7 12.1 36.3



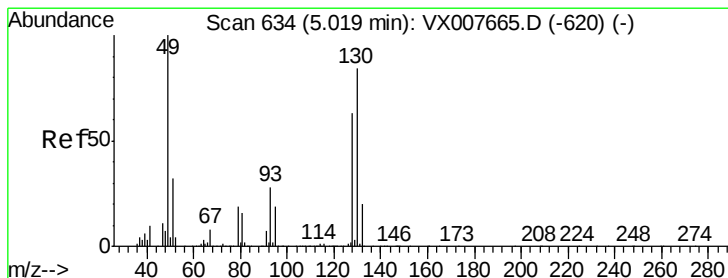
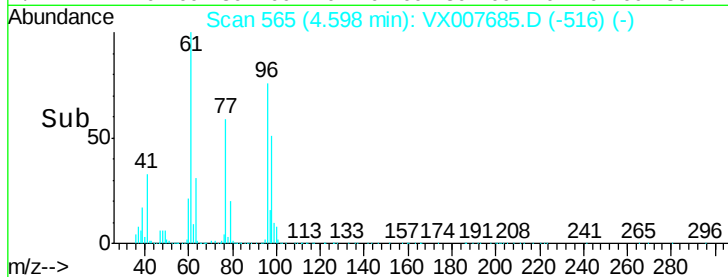
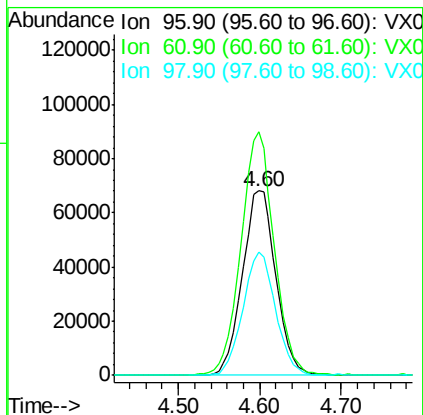
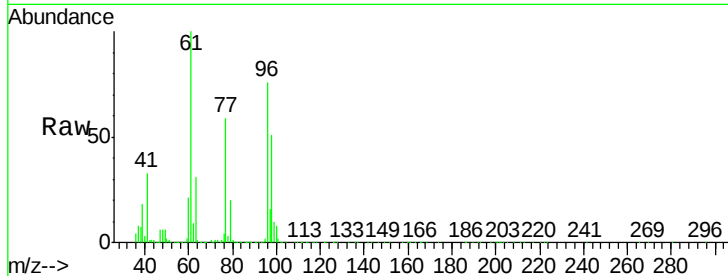


#27

cis-1,2-Dichloroethene
Concen: 46.955 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

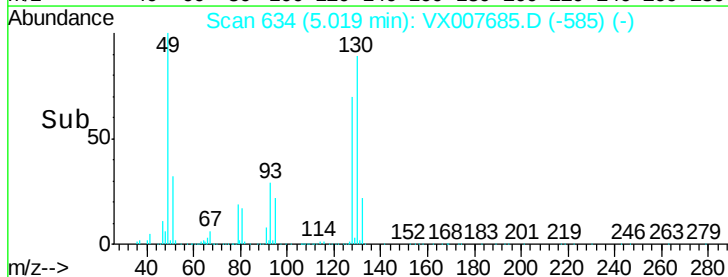
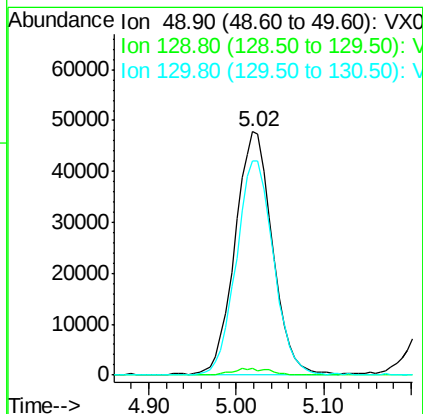
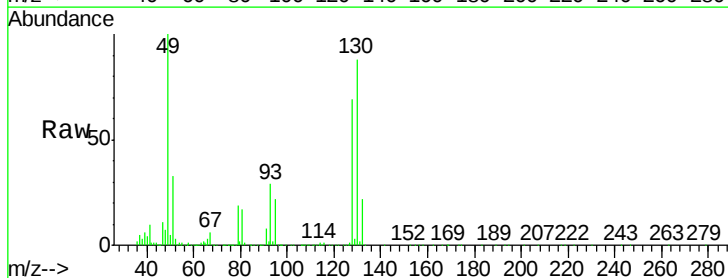
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	265.6
98	65.2	0.0	131.6

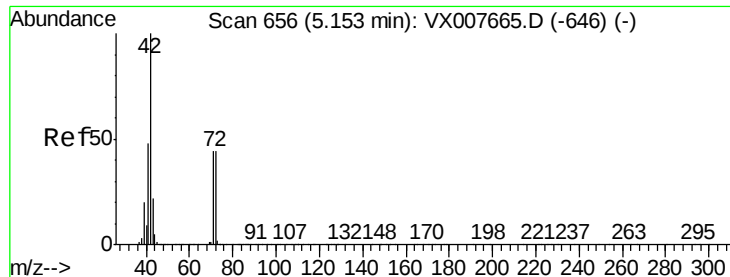


#28

Bromochloromethane
Concen: 46.074 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	88.6	75.6	113.4





#29

Tetrahydrofuran

Concen: 229.771 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

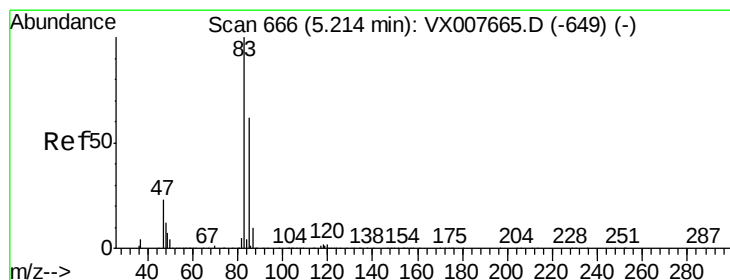
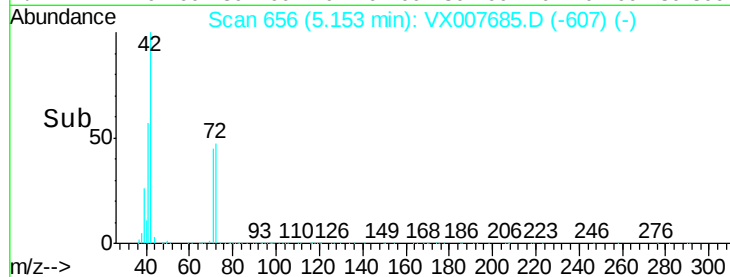
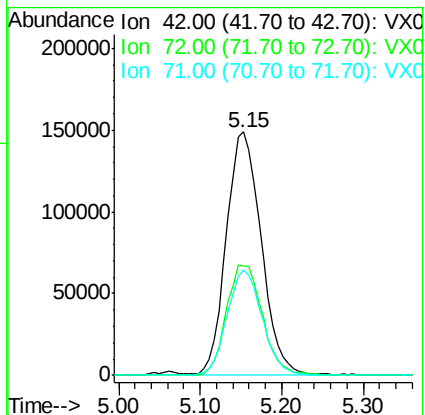
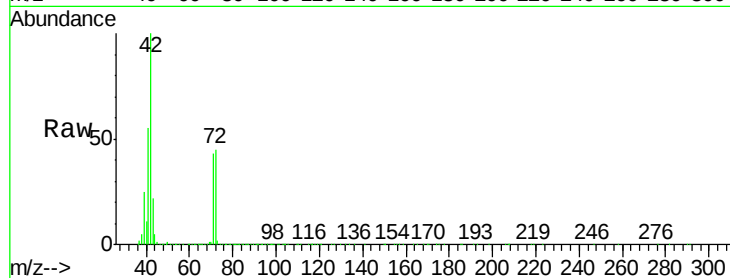
Tot Ion: 42 Resp: 436107

Ion Ratio Lower Upper

42 100

72 47.3 37.6 56.4

71 43.8 34.6 51.8



#30

Chloroform

Concen: 45.994 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007685.D

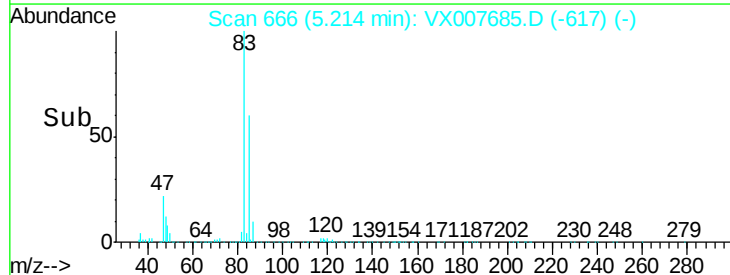
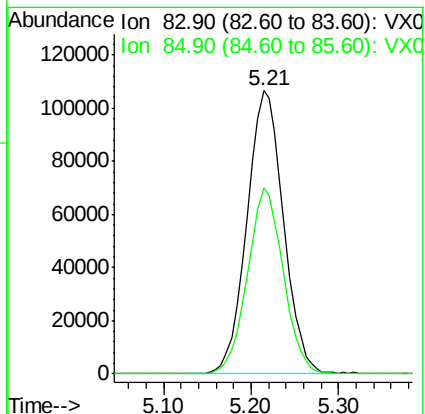
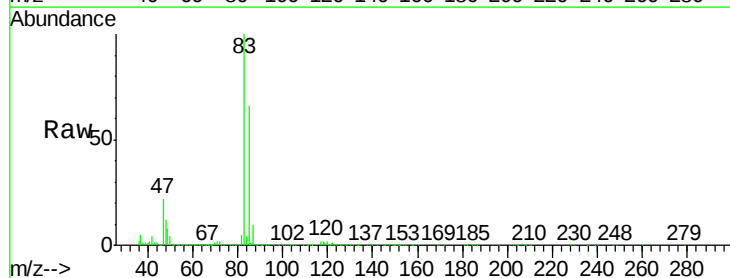
Acq: 25 Feb 2019 20:20

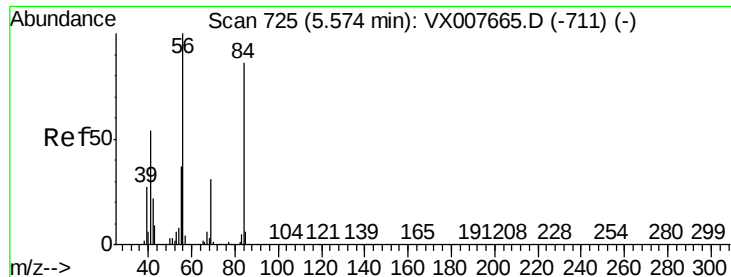
Tgt Ion: 83 Resp: 309361

Ion Ratio Lower Upper

83 100

85 65.4 51.6 77.4

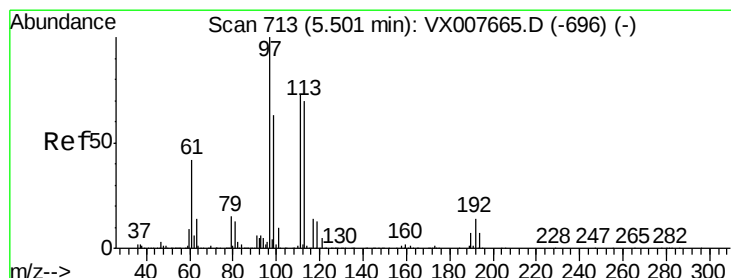
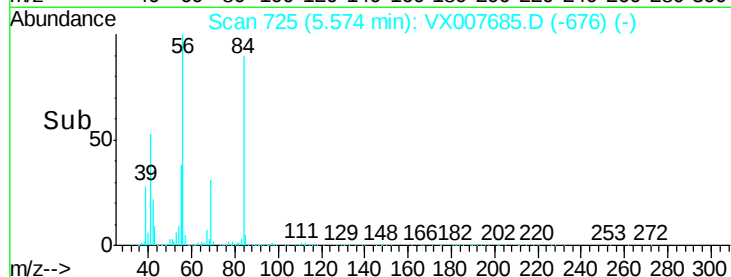
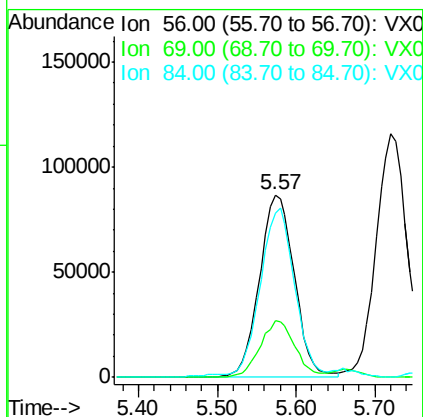
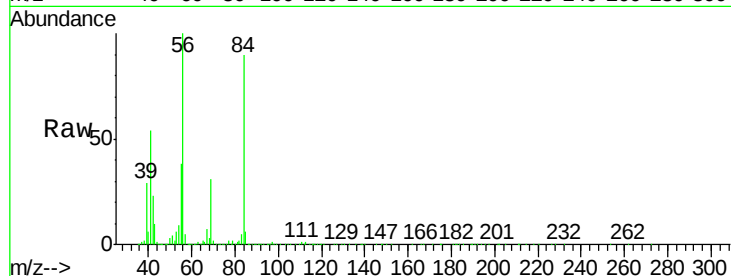




#31
Cyclohexane
Concen: 45.313 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

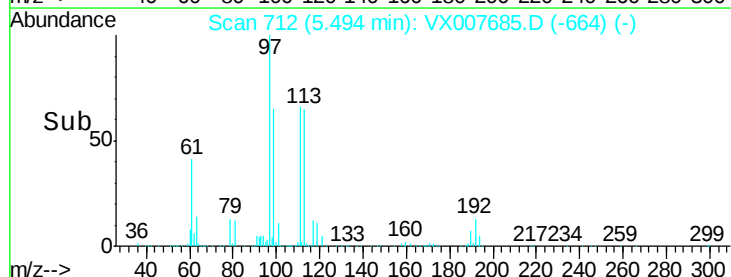
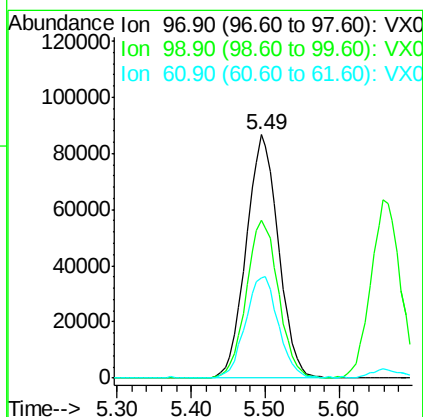
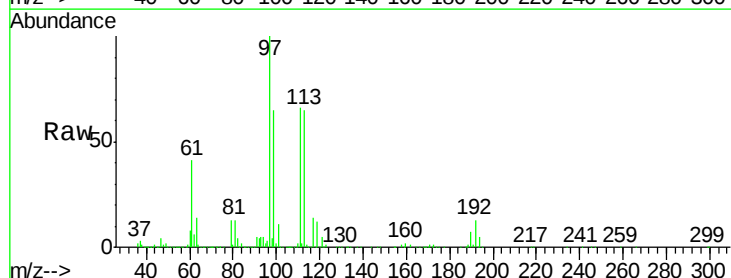
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

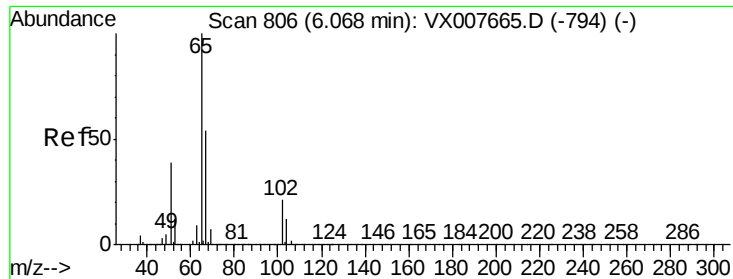
Tot Ion: 56 Resp: 267642
Ion Ratio Lower Upper
56 100
69 30.8 23.0 34.6
84 89.6 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 47.303 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion: 97 Resp: 263131
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 42.0 32.7 49.1

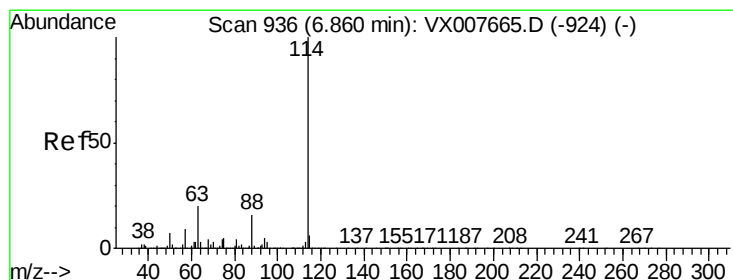
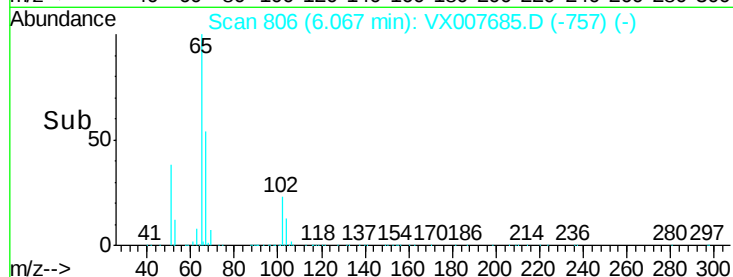
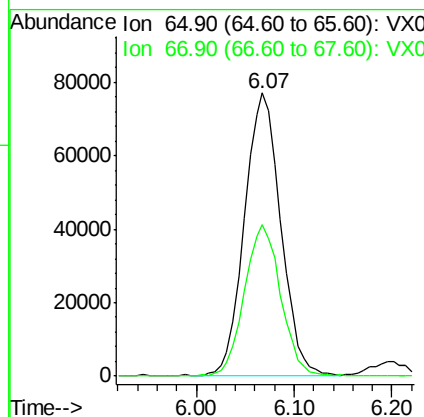
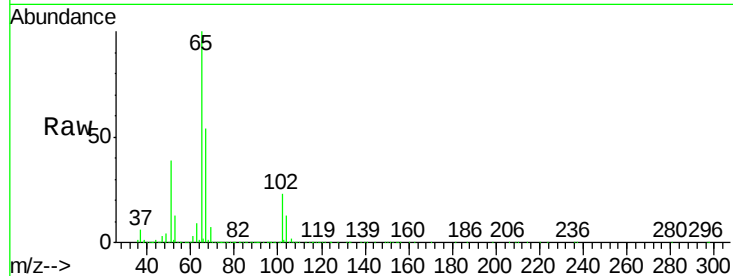




#33
 1,2-Dichloroethane-d4
 Concen: 46.445 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

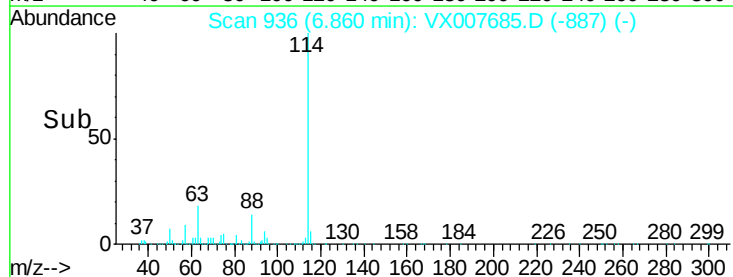
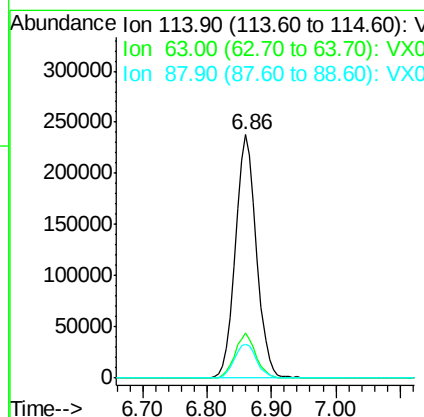
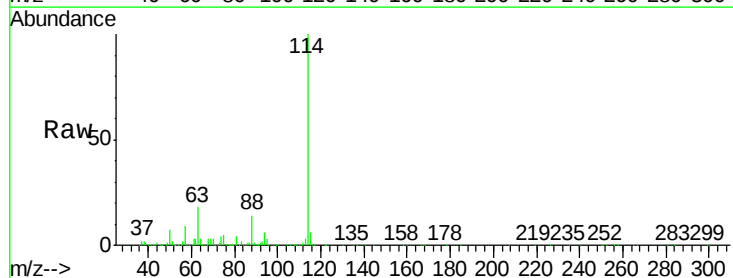
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

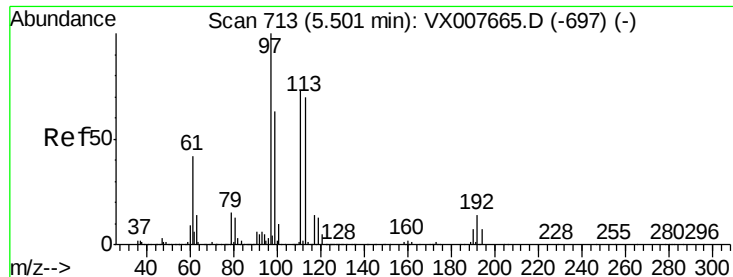
Tot Ion: 65 Resp: 197421
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion: 114 Resp: 543665
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.6
 88 13.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.213 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

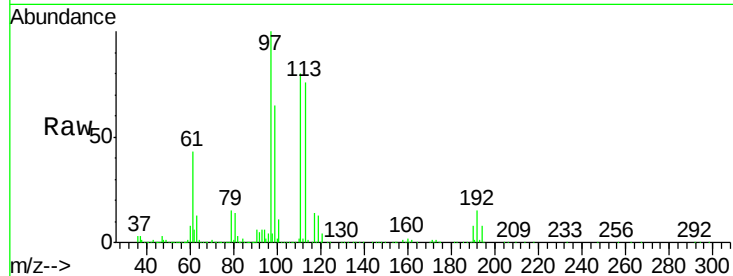
Tot Ion:113 Resp: 178853

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

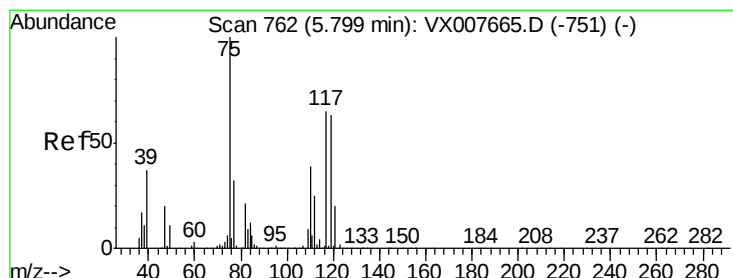
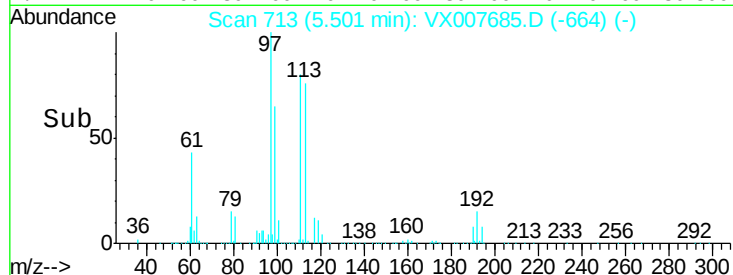
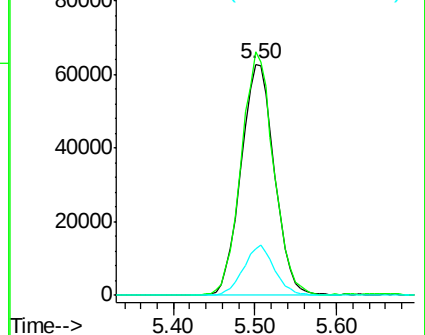
192 20.2 18.5 27.7



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: 46.554 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

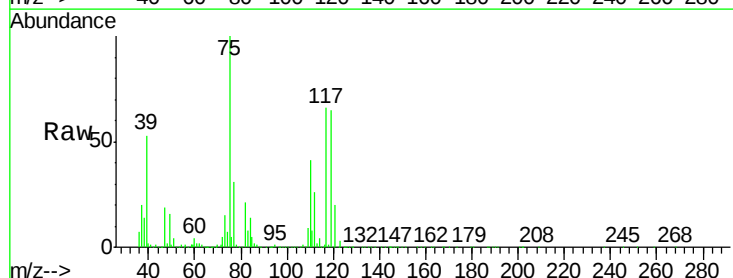
Tgt Ion: 75 Resp: 227542

Ion Ratio Lower Upper

75 100

110 39.3 20.0 59.9

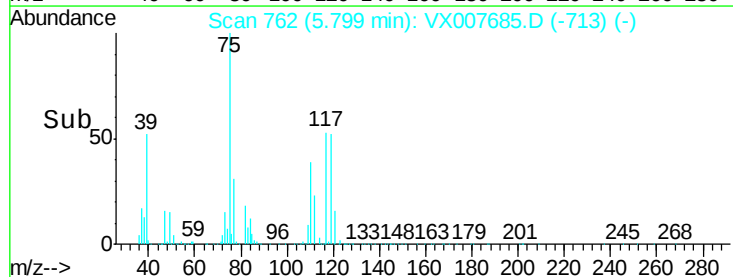
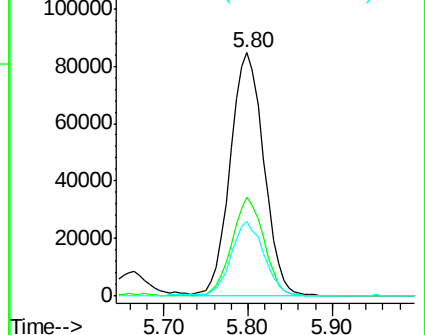
77 30.1 24.7 37.1

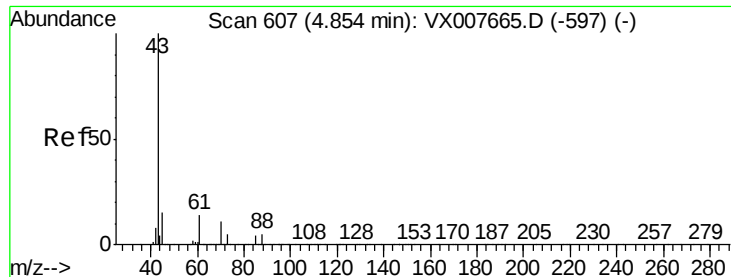


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

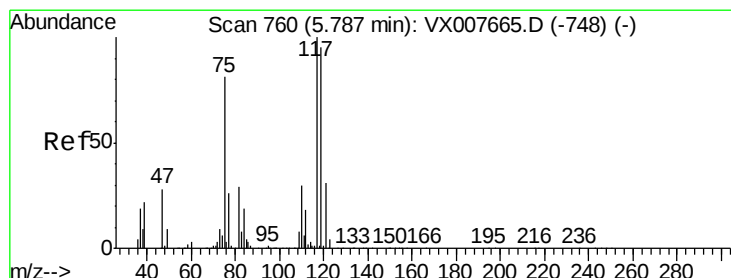
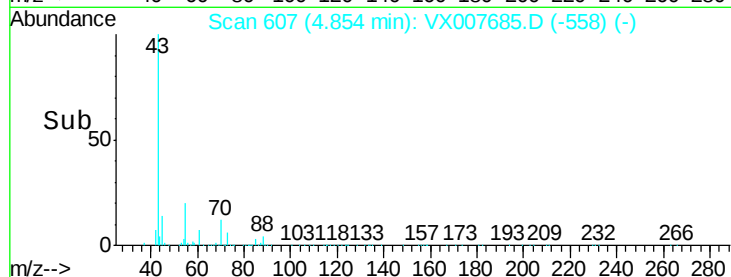
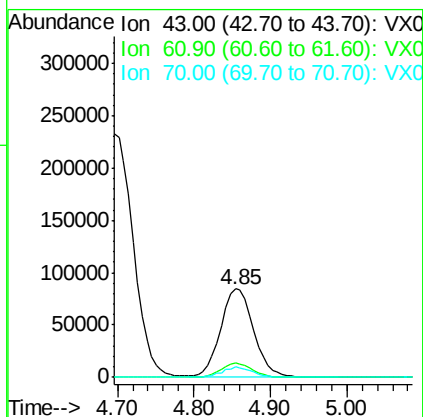
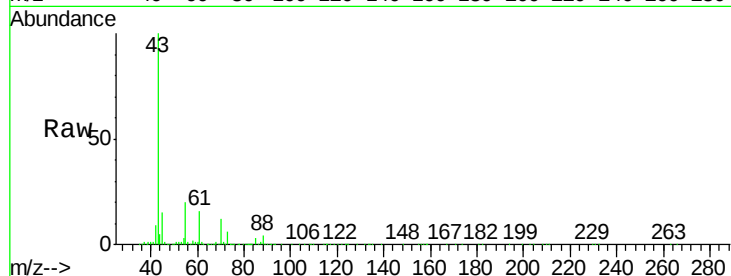




#37
Ethyl Acetate
Concen: 46.459 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

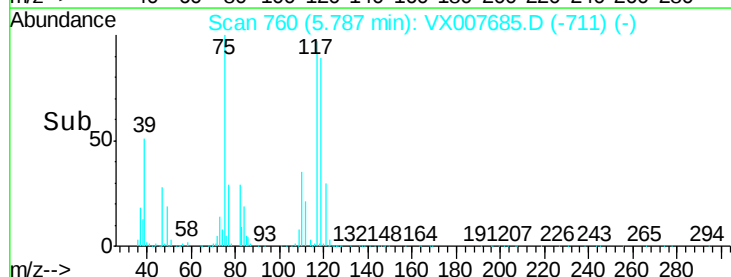
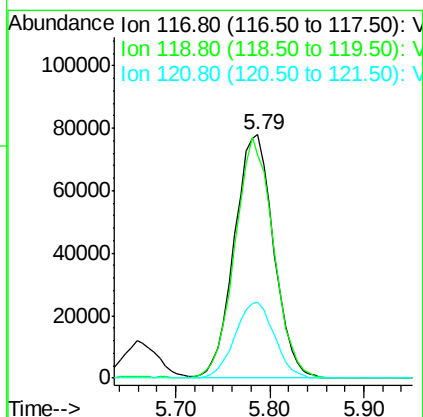
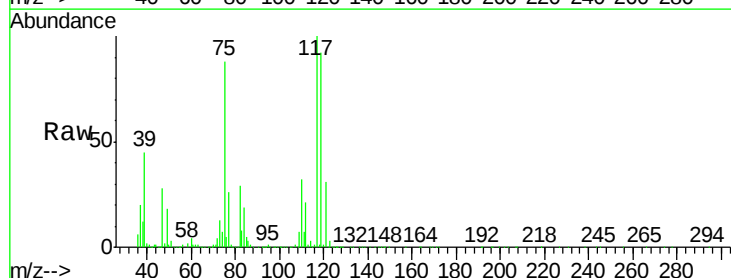
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

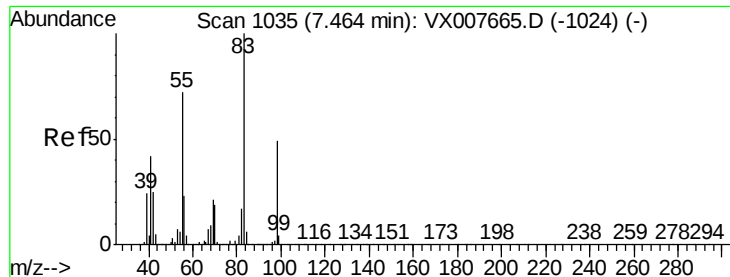
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.3	16.9
70	11.1	8.6	13.0



#38
Carbon Tetrachloride
Concen: 46.320 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.3	112.9
121	31.2	25.0	37.4

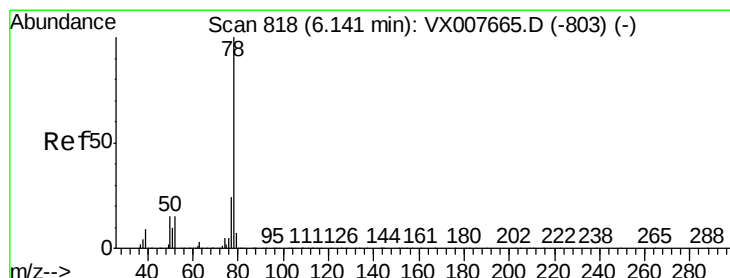
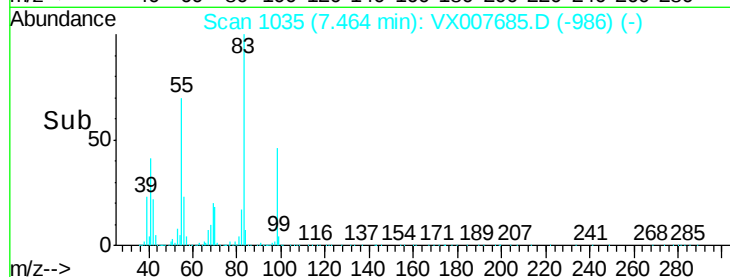
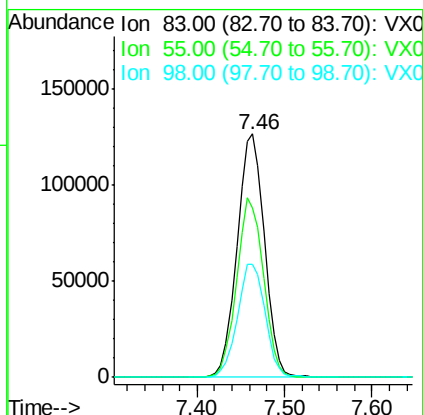
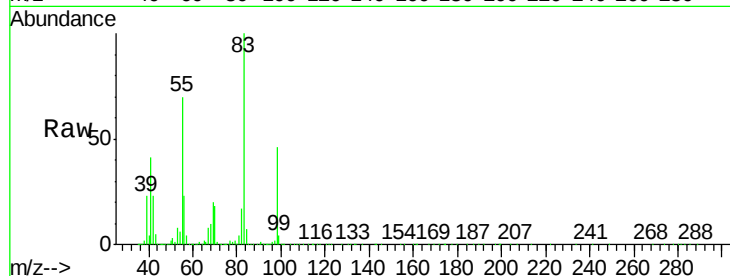




#39
Methvlcvclohexane
Concen: 44.516 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

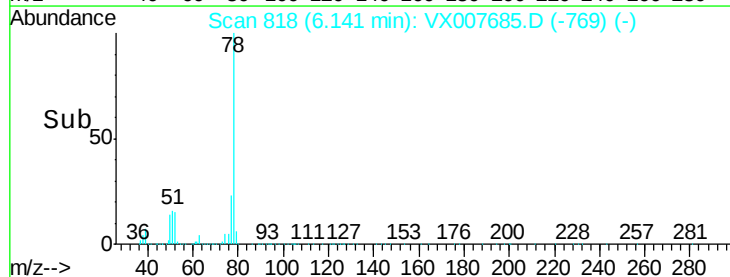
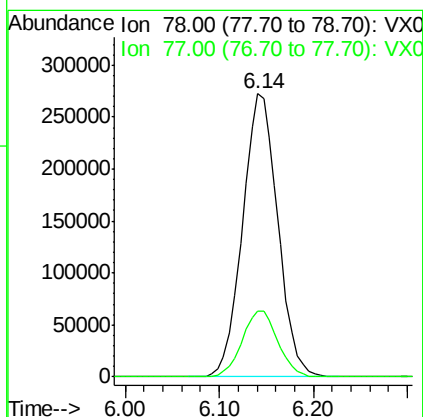
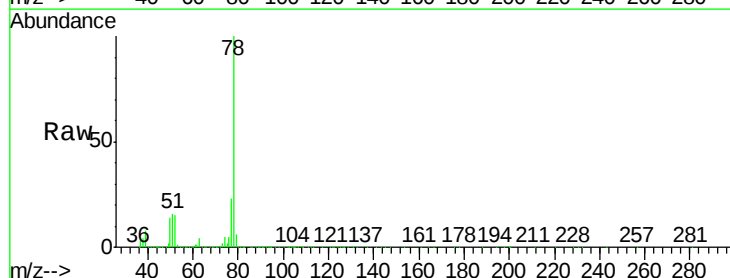
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

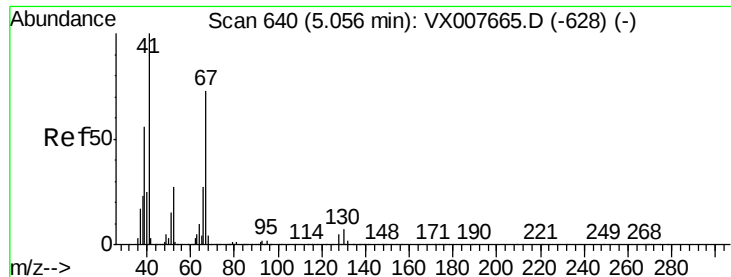
Tot Ion	83	Resp	274991
Ion Ratio	Lower	Upper	
83	100		
55	69.8	56.2	84.2
98	46.4	36.8	55.2



#40
Benzene
Concen: 47.155 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	78	Resp	711476
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.3	28.9





#41

Methacrylonitrile

Concen: 47.421 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 137486

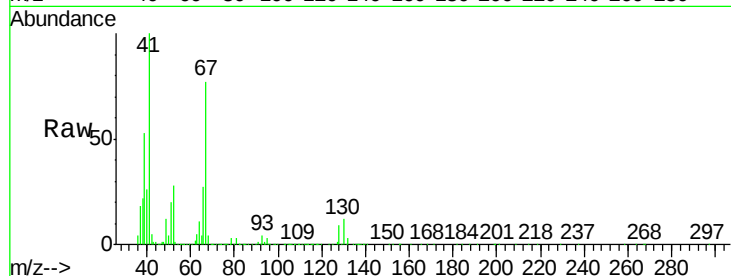
Ion Ratio Lower Upper

41 100

39 53.8 44.5 66.7

67 77.0 60.4 90.6

52 30.3 24.1 36.1

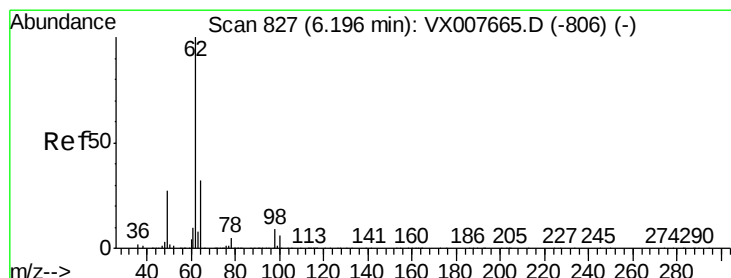
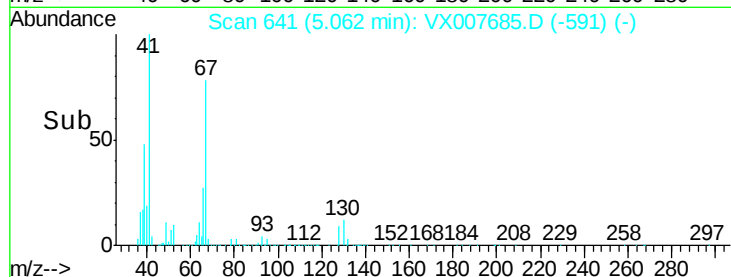
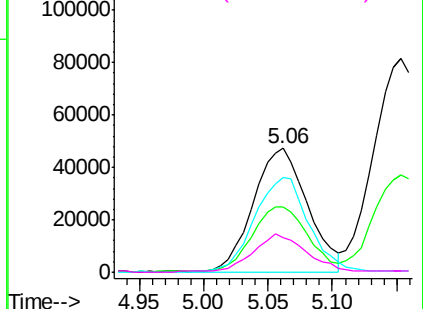


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.795 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007685.D

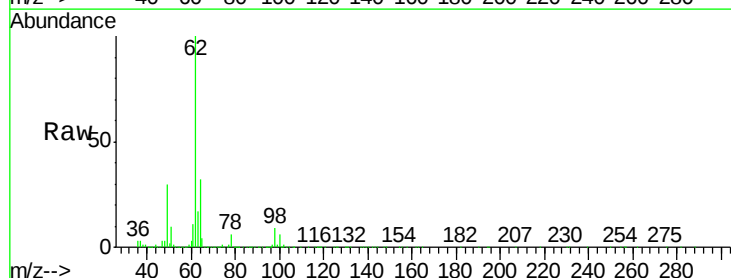
Acq: 25 Feb 2019 20:20

Tgt Ion: 62 Resp: 237310

Ion Ratio Lower Upper

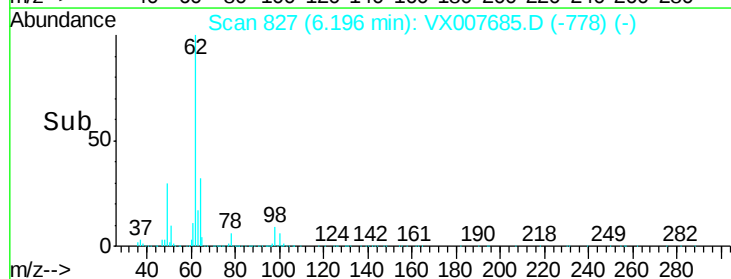
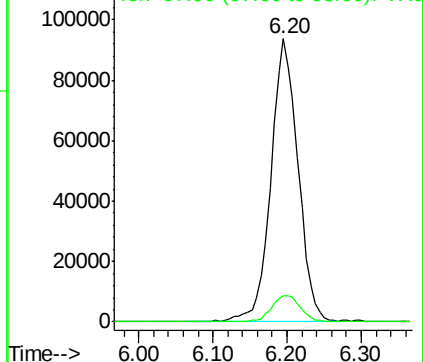
62 100

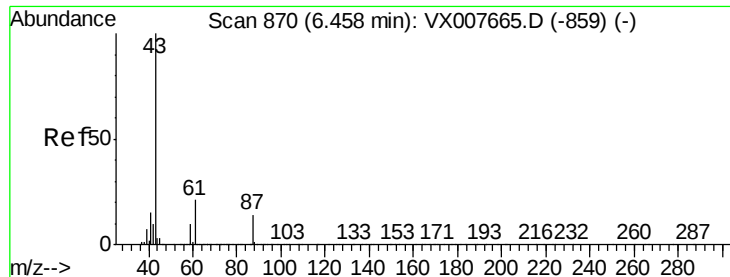
98 9.9 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



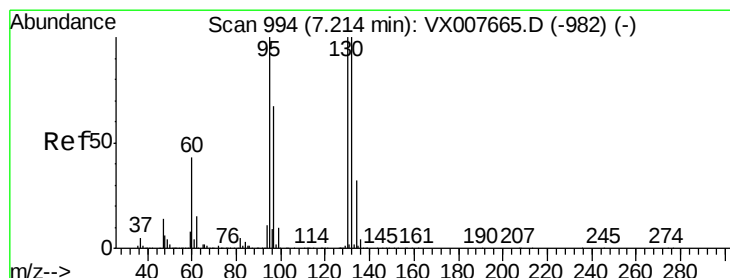
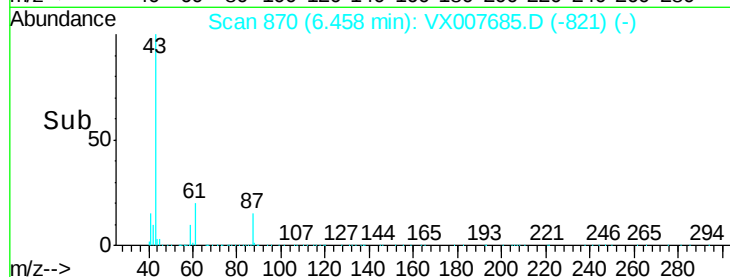
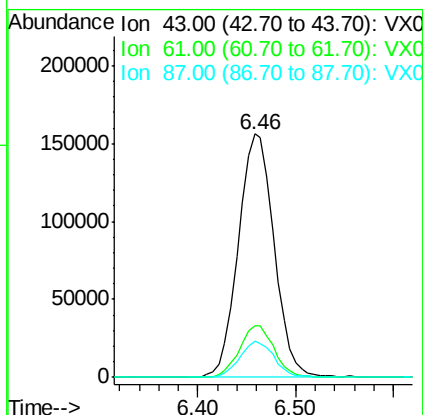
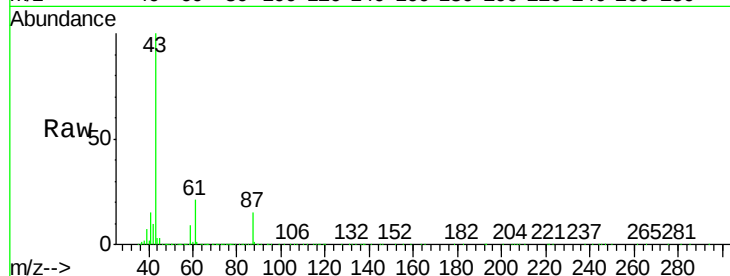


#43

Isopropyl Acetate
 Concen: 47.189 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

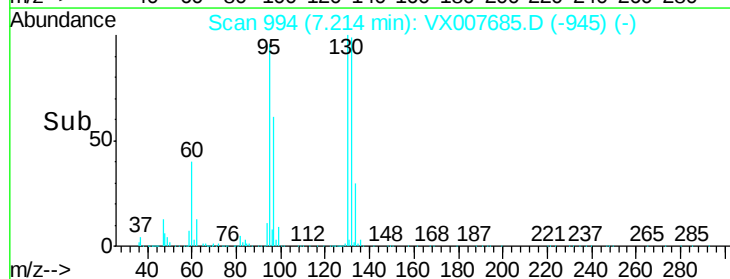
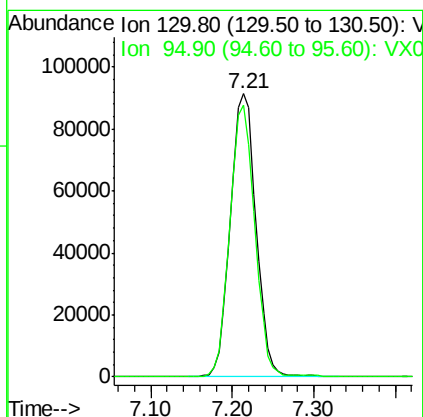
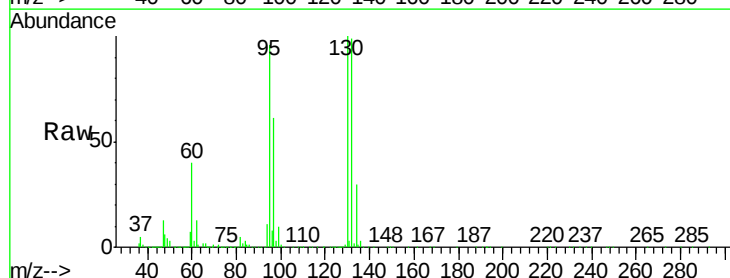
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	14.2	11.5	17.3

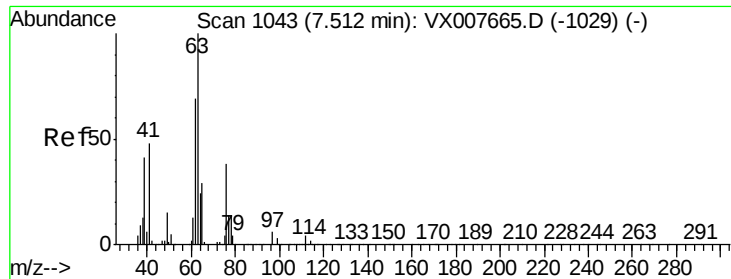


#44

Trichloroethene
 Concen: 47.351 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 46.757 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

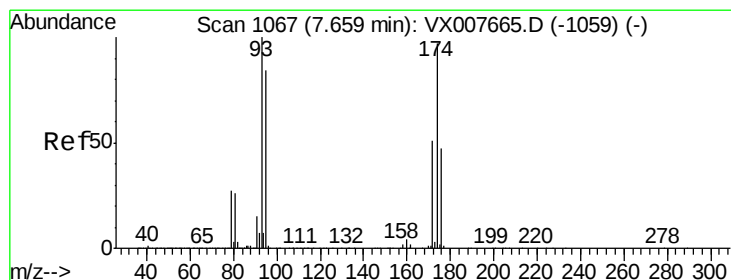
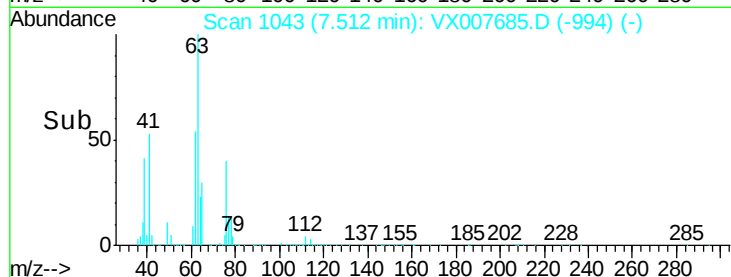
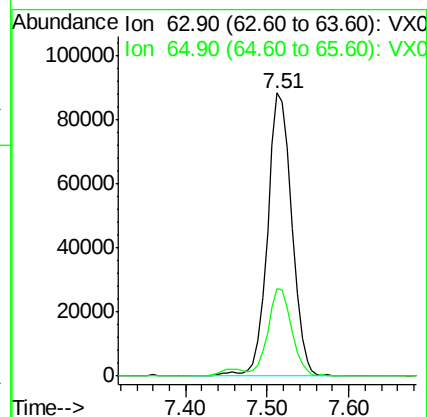
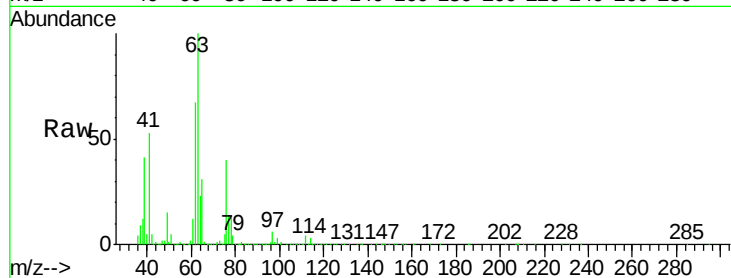
VSTDCCC050EC

Tot Ion: 63 Resp: 182748

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.2



#46

Dibromomethane

Concen: 45.053 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

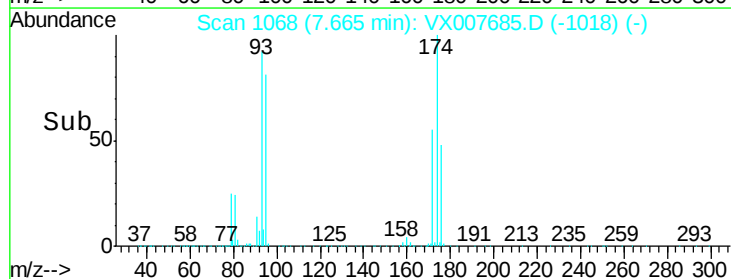
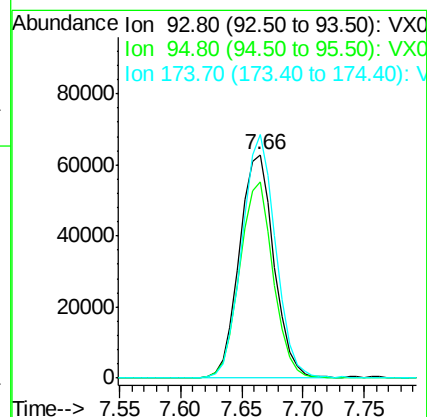
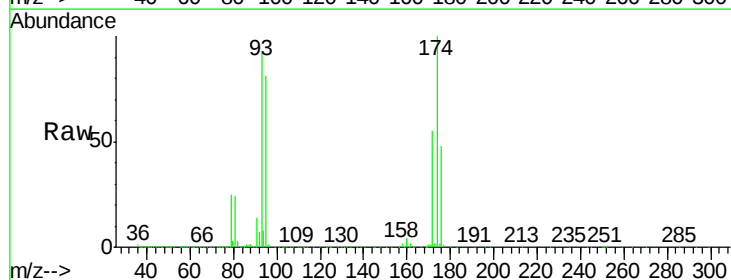
Tgt Ion: 93 Resp: 122846

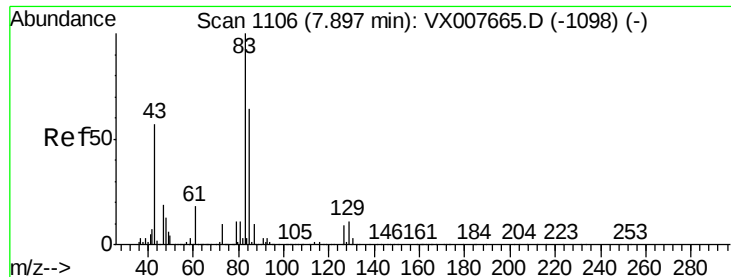
Ion Ratio Lower Upper

93 100

95 85.4 67.6 101.4

174 106.6 94.2 141.4





#47

Bromodichloromethane

Concen: 48.126 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

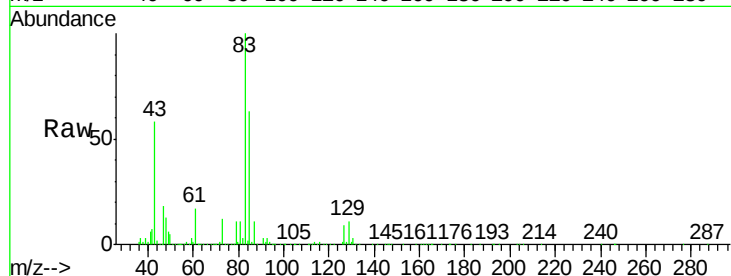
Tot Ion: 83 Resp: 227407

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.0

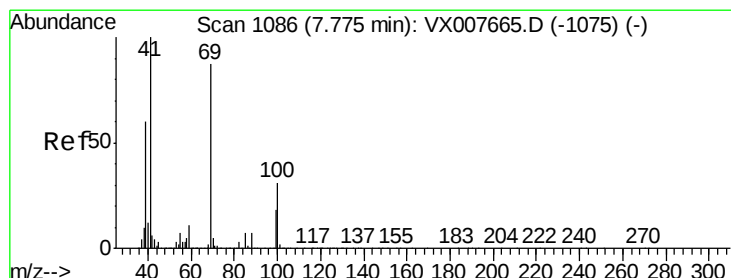
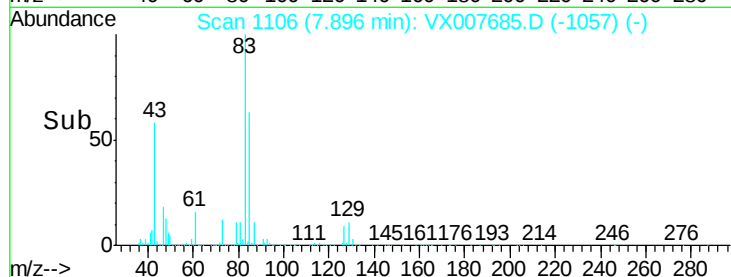
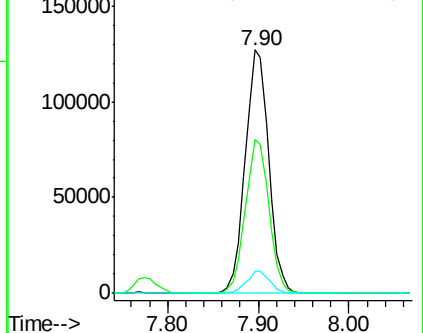
127 8.9 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.265 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

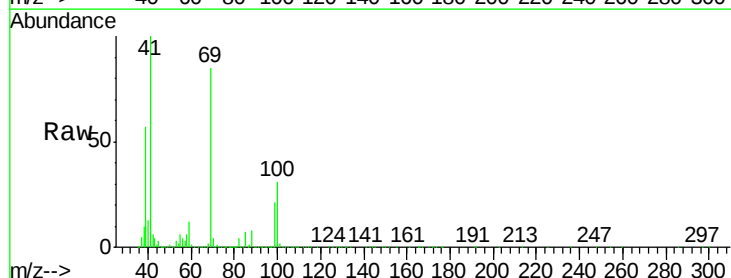
Tgt Ion: 41 Resp: 202650

Ion Ratio Lower Upper

41 100

69 87.3 70.2 105.4

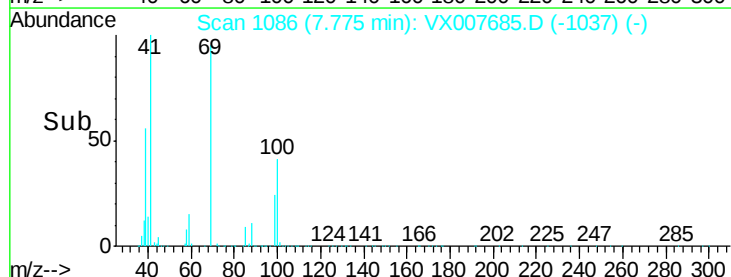
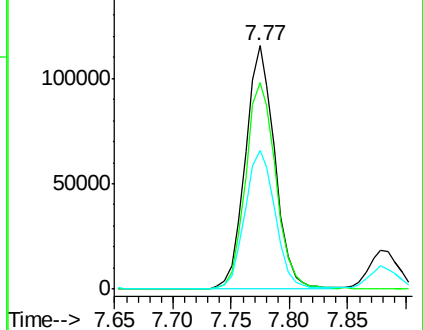
39 58.6 47.4 71.0

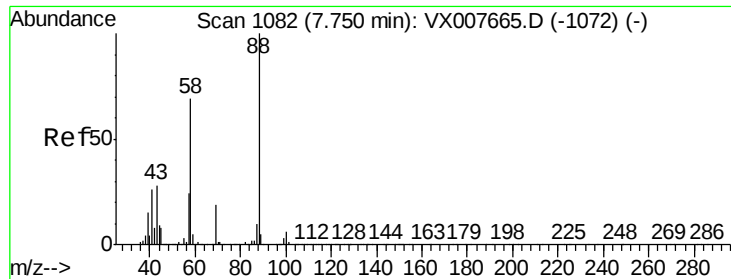


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 966.499 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

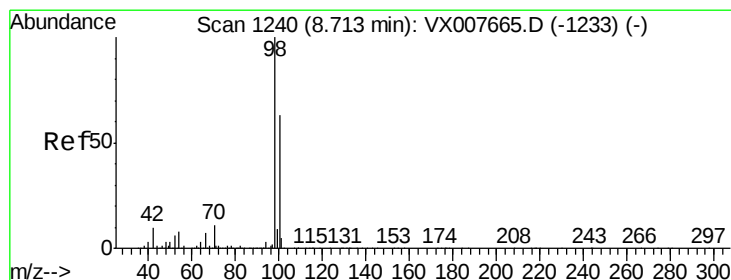
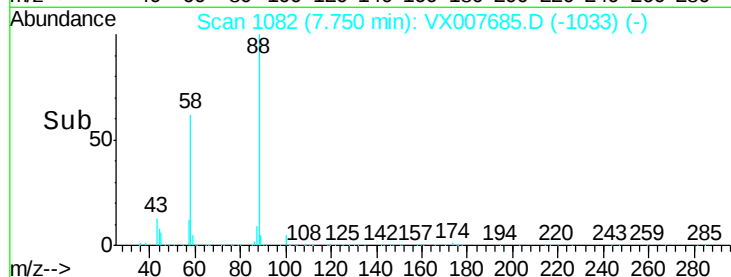
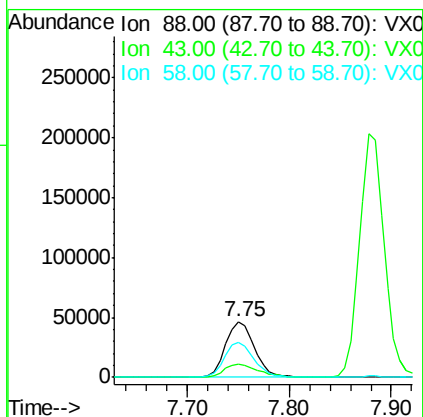
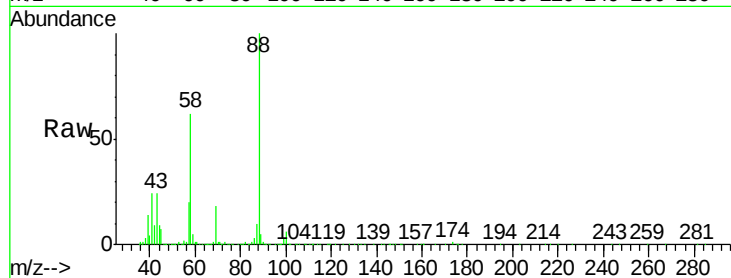
Tot Ion: 88 Resp: 91436

Ion Ratio Lower Upper

88 100

43 29.3 24.2 36.4

58 64.1 53.0 79.4



#50

Toluene-d8

Concen: 47.522 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007685.D

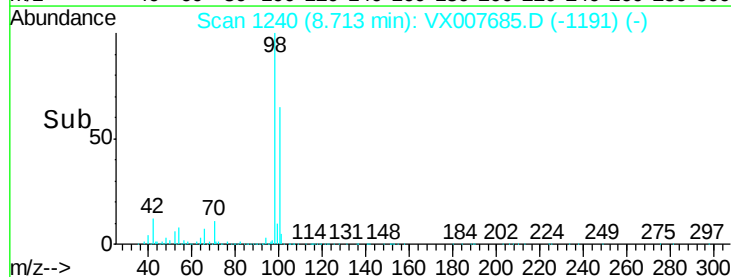
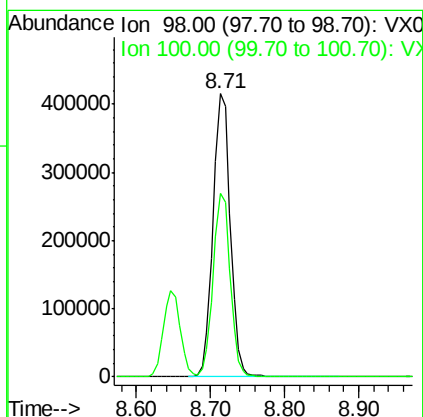
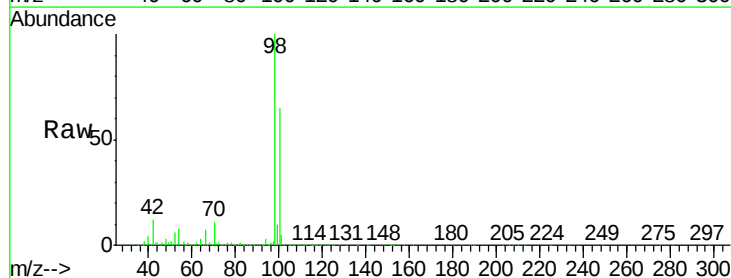
Acq: 25 Feb 2019 20:20

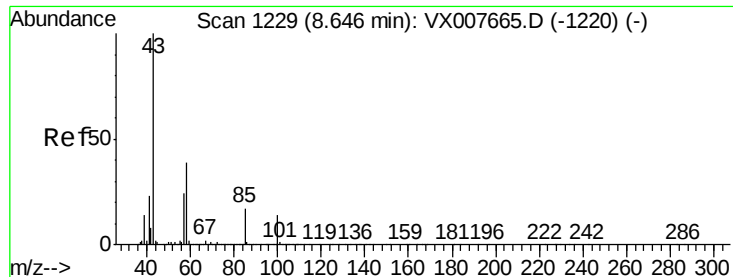
Tgt Ion: 98 Resp: 661182

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 235.005 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

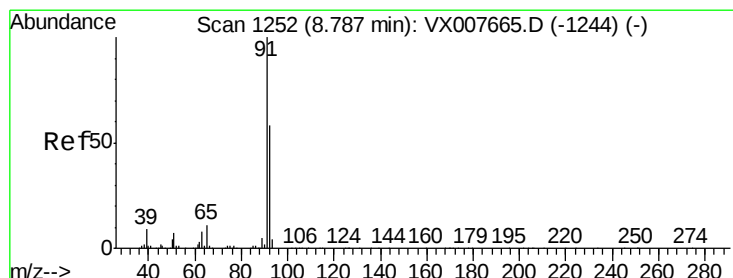
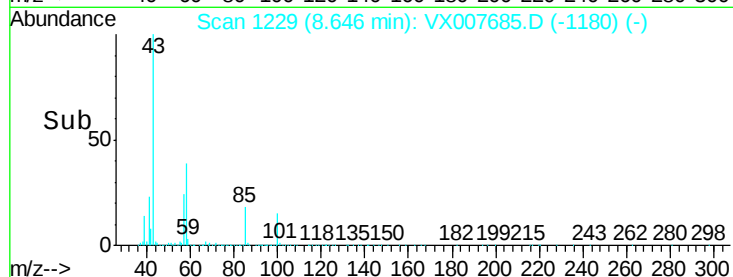
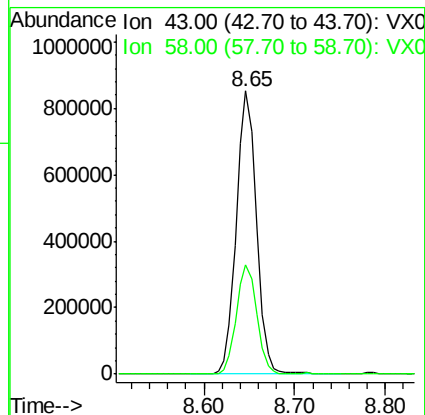
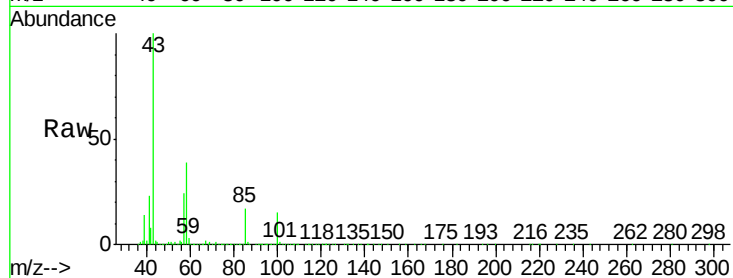
VSTDCCC050EC

Tot Ion: 43 Resp: 1314504

Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8



#52

Toluene

Concen: 47.212 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007685.D

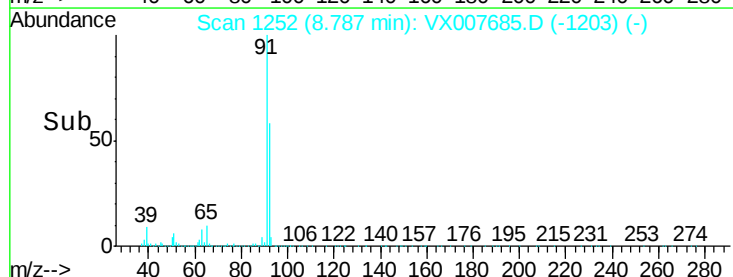
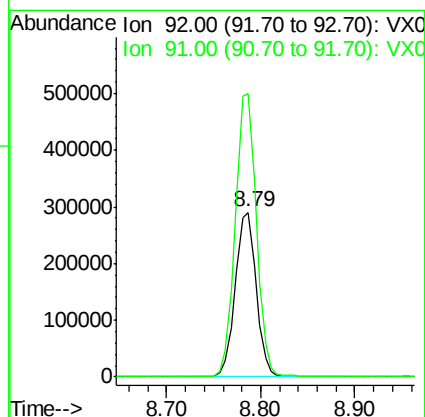
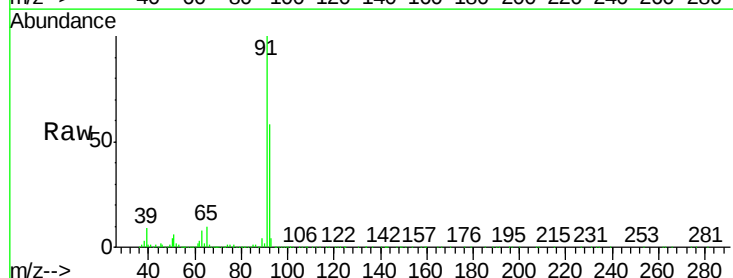
Acq: 25 Feb 2019 20:20

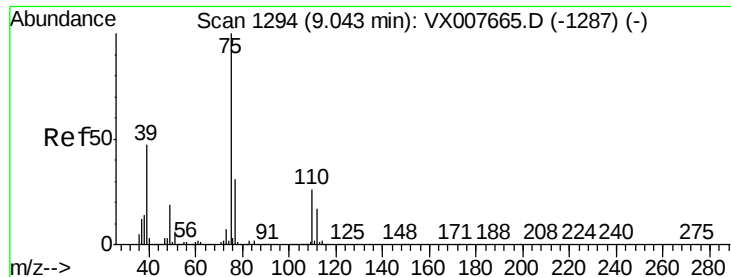
Tgt Ion: 92 Resp: 449189

Ion Ratio Lower Upper

92 100

91 173.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 42.464 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

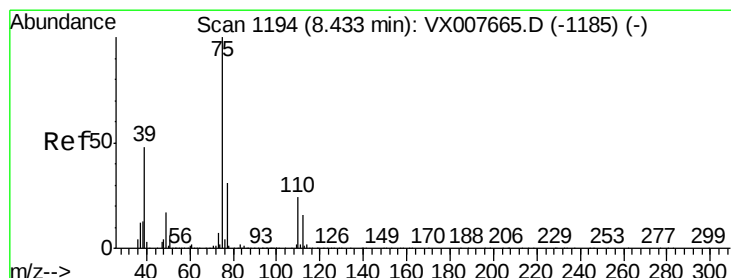
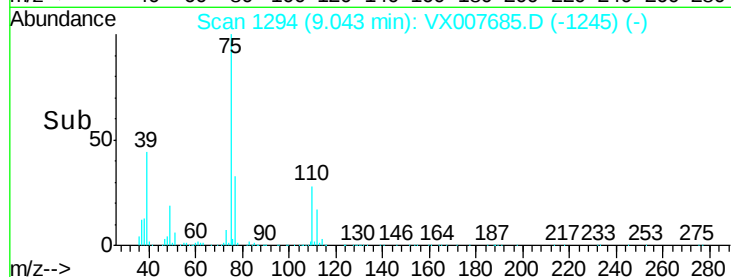
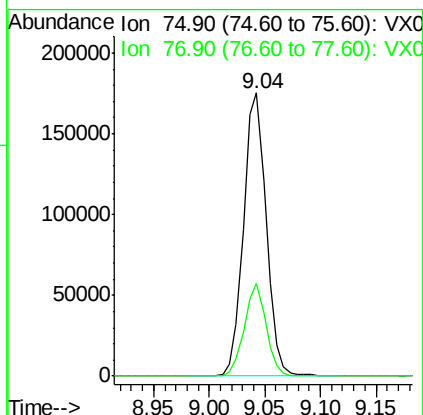
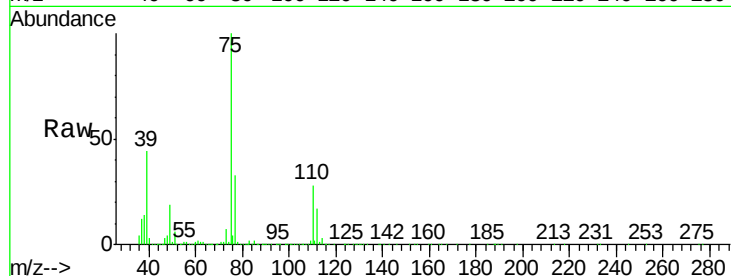
VSTDCCC050EC

Tot Ion: 75 Resp: 246827

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 47.558 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

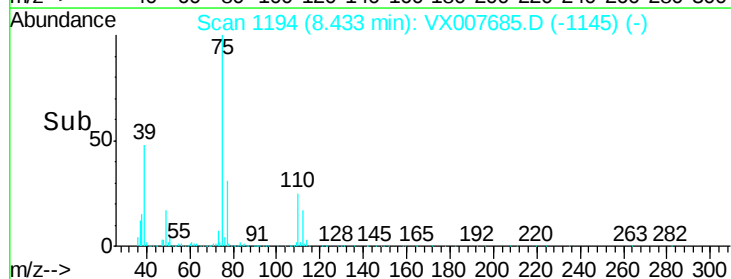
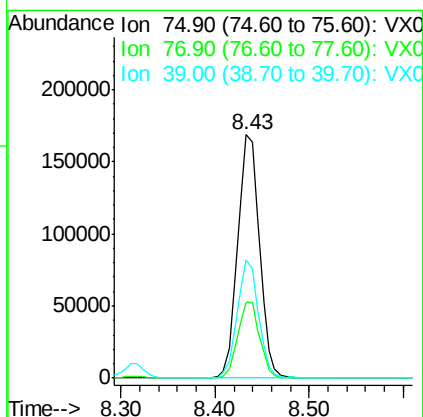
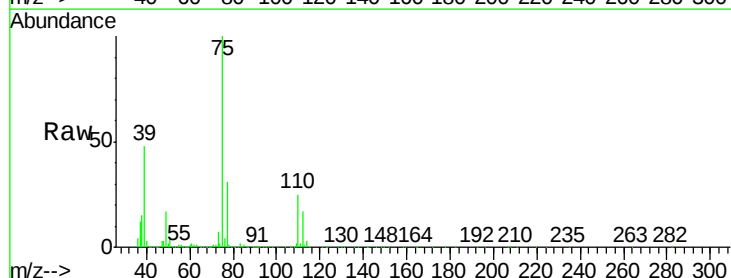
Tgt Ion: 75 Resp: 272708

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4

39 48.2 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 46.785 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 185623

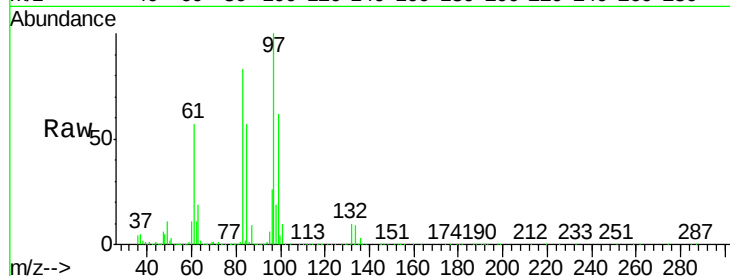
Ion	Ratio	Lower	Upper
97	100		
83	82.6	68.6	102.8
85	57.0	44.5	66.7
99	61.6	52.2	78.4

97 100

83 82.6 68.6 102.8

85 57.0 44.5 66.7

99 61.6 52.2 78.4



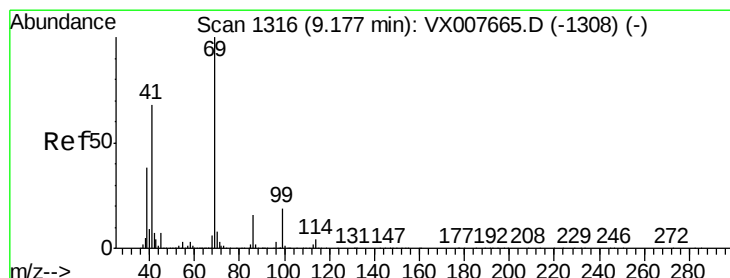
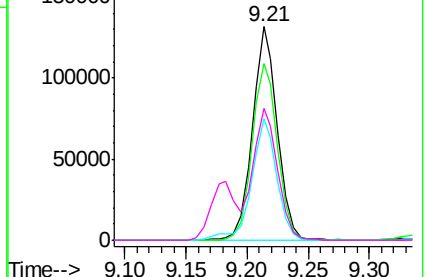
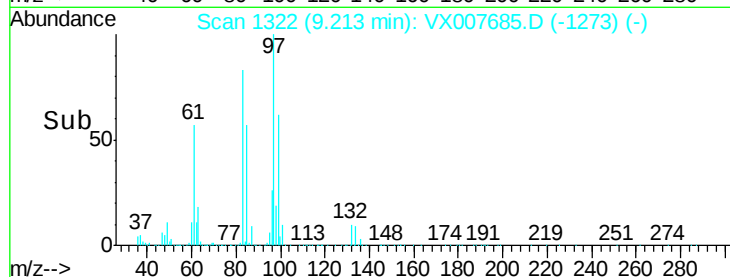
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->



#56

Ethyl methacrylate

Concen: 48.605 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

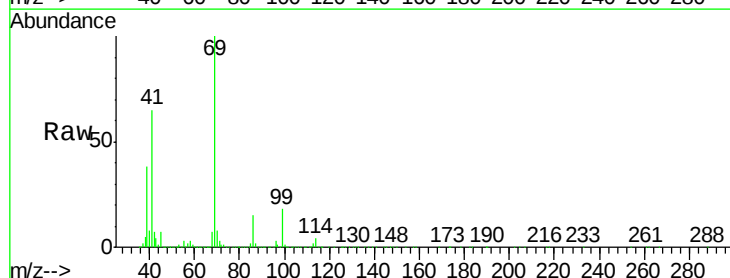
Tgt Ion: 69 Resp: 274238

Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.1	78.1
39	36.6	30.1	45.1

69 100

41 64.2 52.1 78.1

39 36.6 30.1 45.1

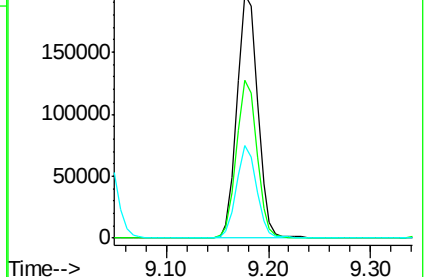
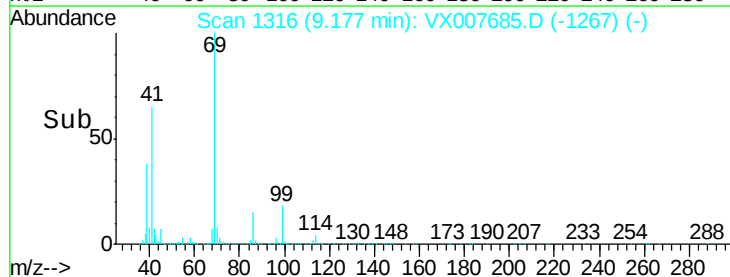


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 47.539 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

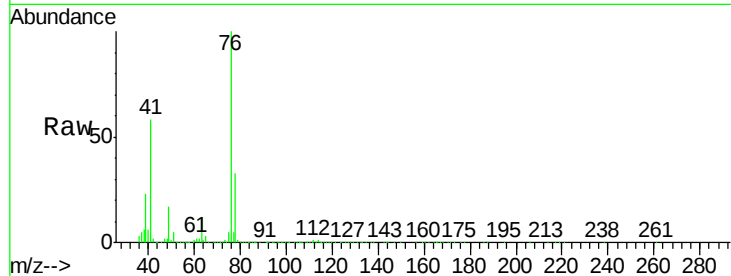
VSTDCCC050EC

Tot Ion: 76 Resp: 301927

Ion Ratio Lower Upper

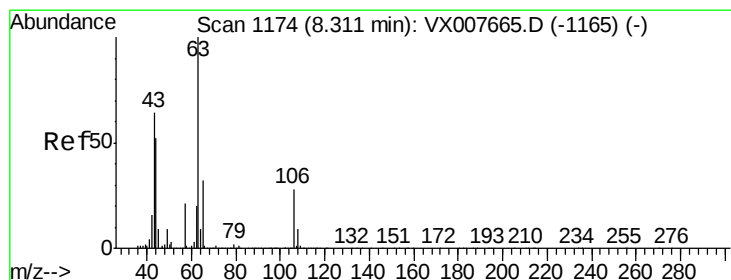
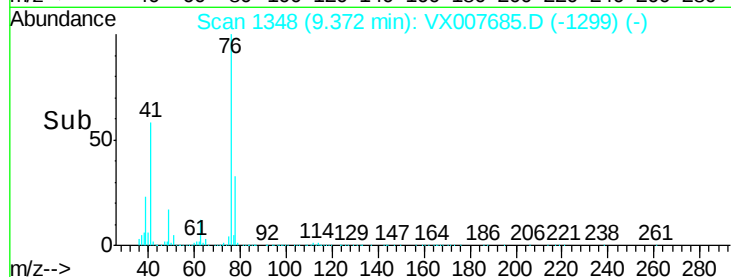
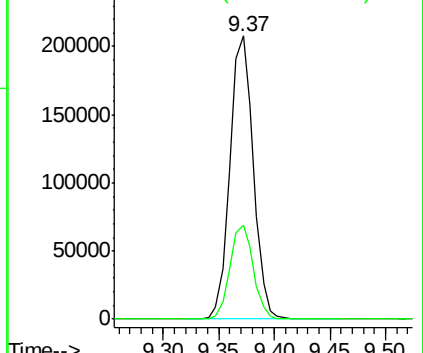
76 100

78 33.3 25.8 38.8



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: 238.006 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007685.D

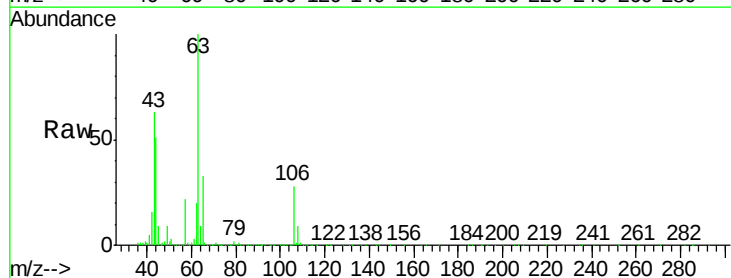
Acq: 25 Feb 2019 20:20

Tgt Ion: 63 Resp: 740520

Ion Ratio Lower Upper

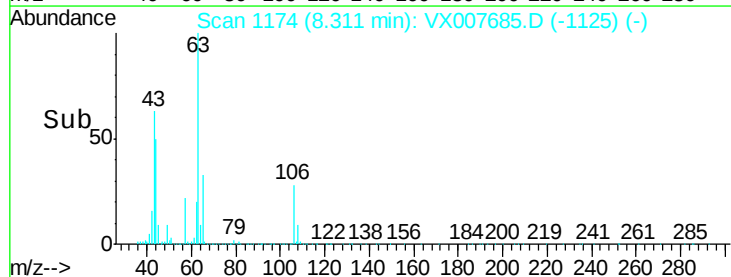
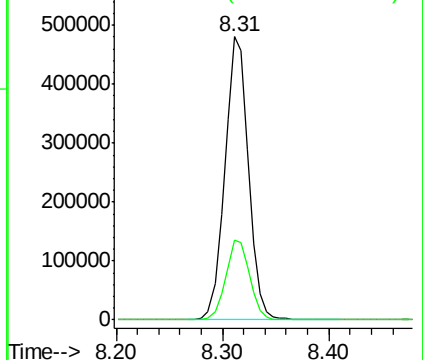
63 100

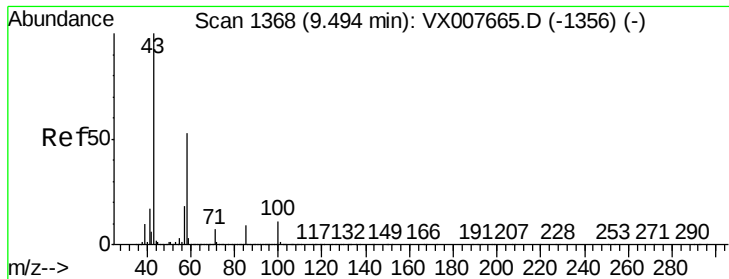
106 28.7 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

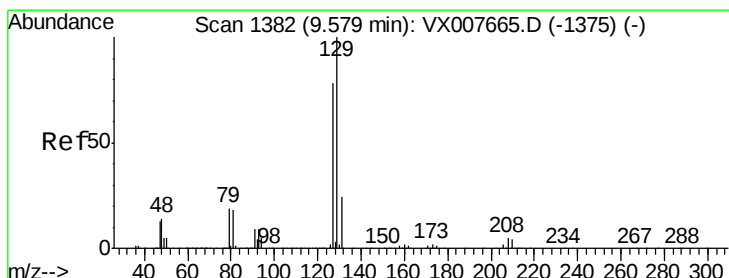
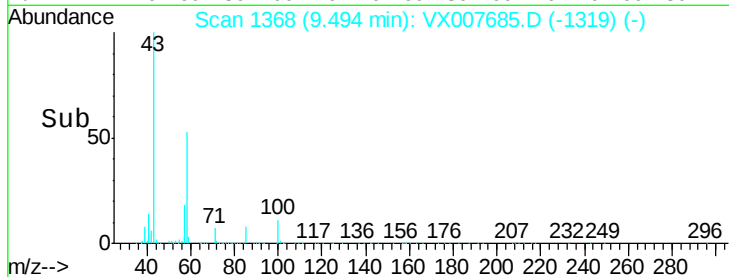
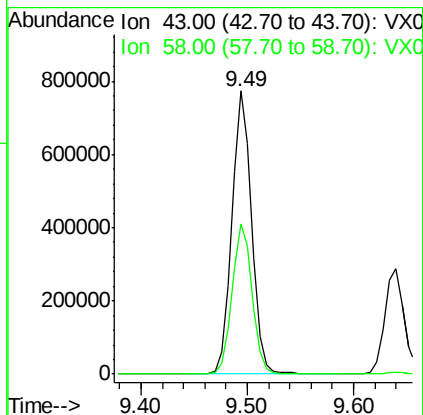
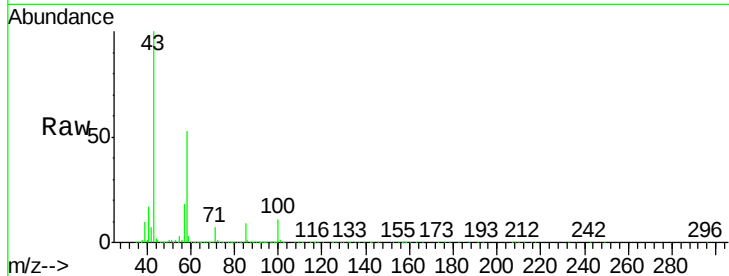




#59
2-Hexanone
Concen: 228.654 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

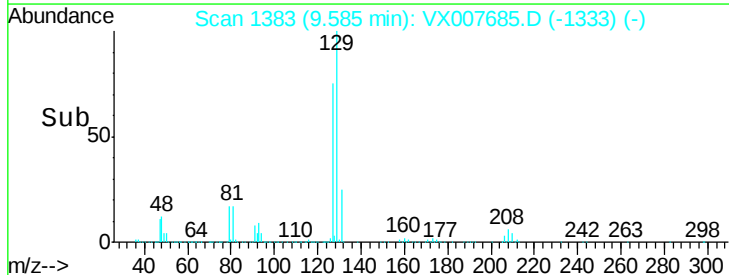
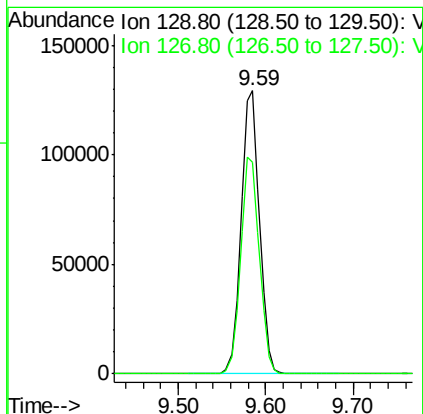
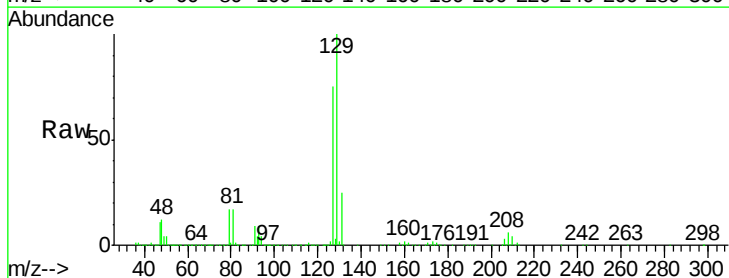
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

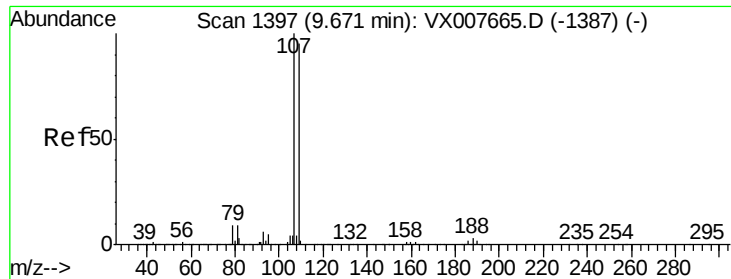
Tot Ion: 43 Resp: 1004113
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3



#60
Dibromochloromethane
Concen: 49.468 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion: 129 Resp: 188853
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.052 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

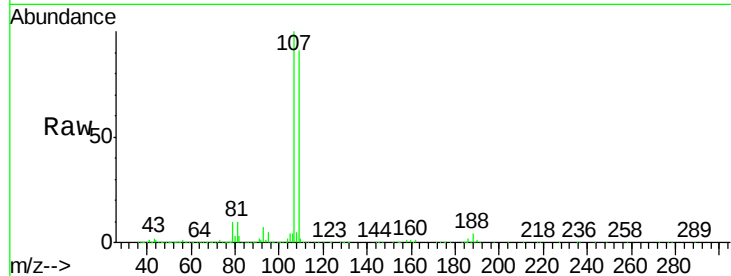
VSTDCCC050EC

Tot Ion:107 Resp: 197942

Ion Ratio Lower Upper

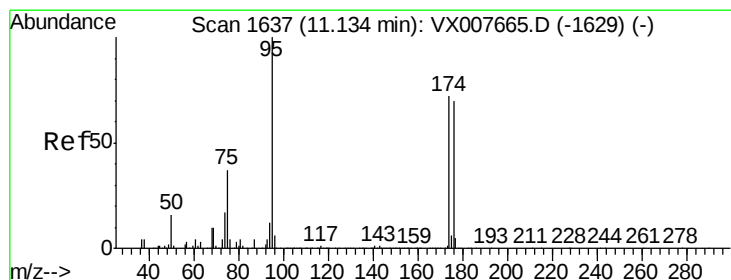
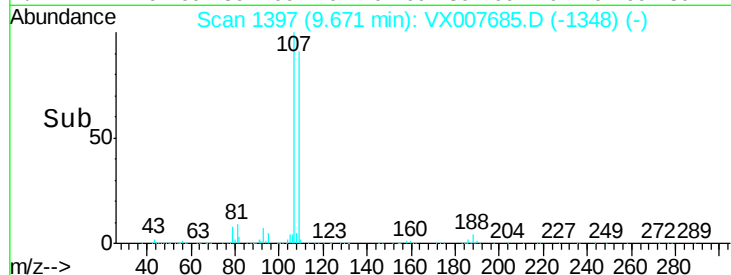
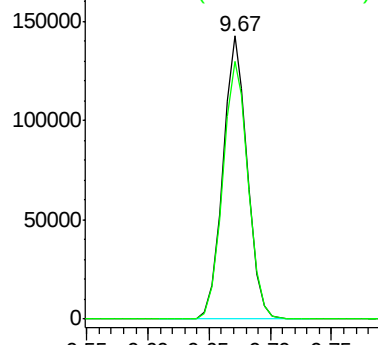
107 100

109 94.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.836 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

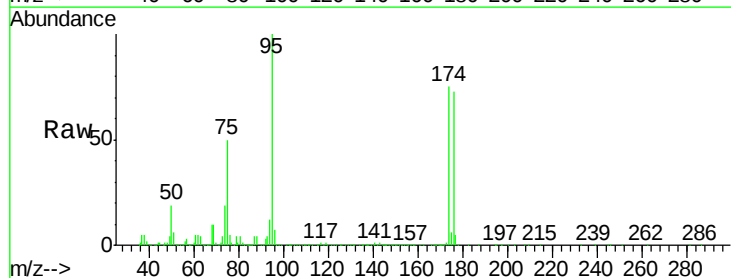
Tgt Ion: 95 Resp: 234066

Ion Ratio Lower Upper

95 100

174 82.9 0.0 189.2

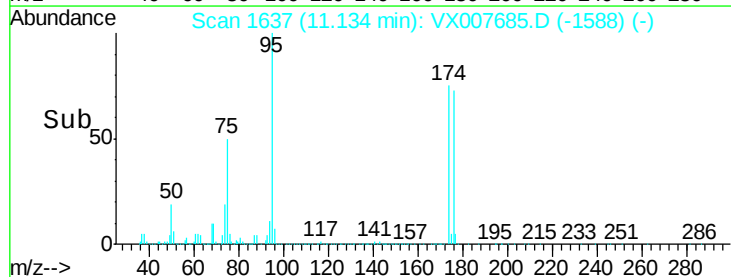
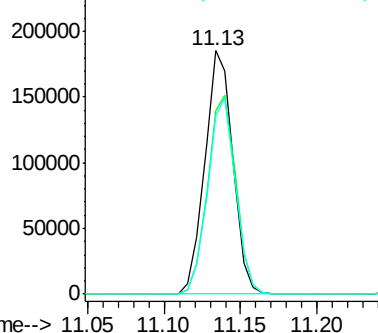
176 80.4 0.0 186.2

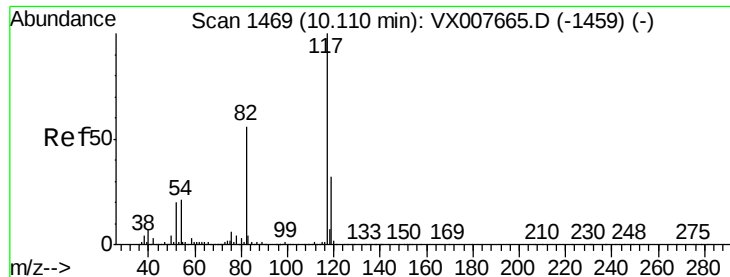


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

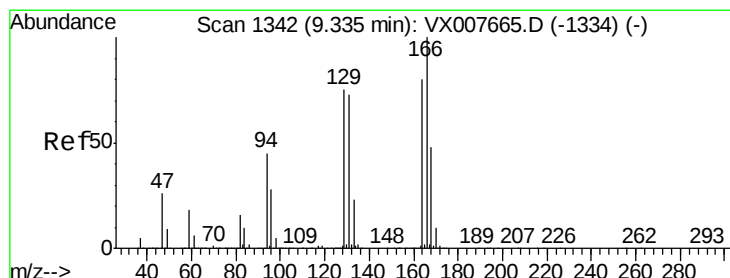
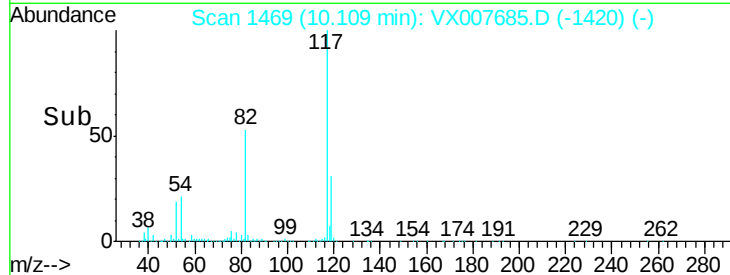
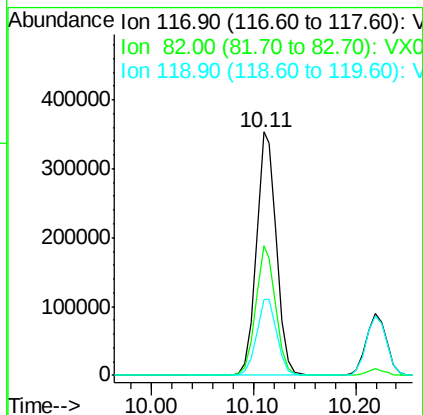
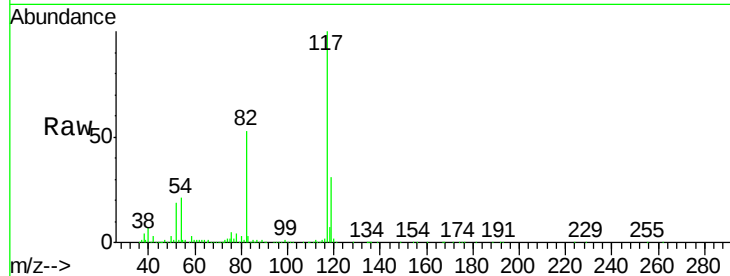




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

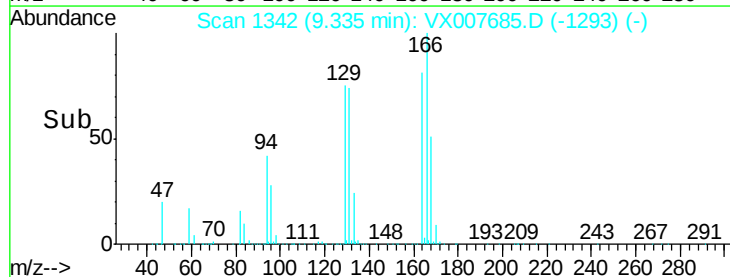
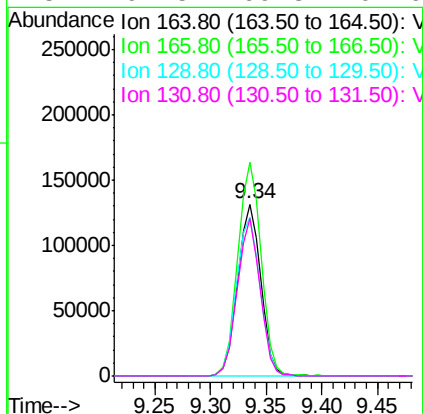
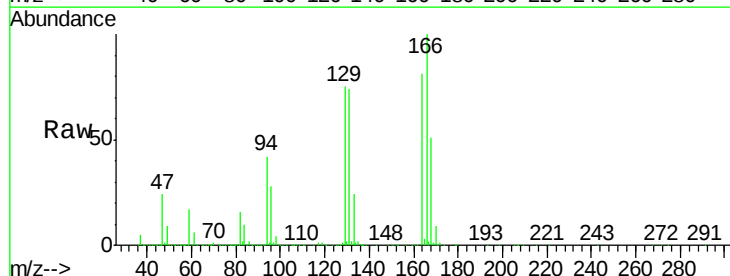
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

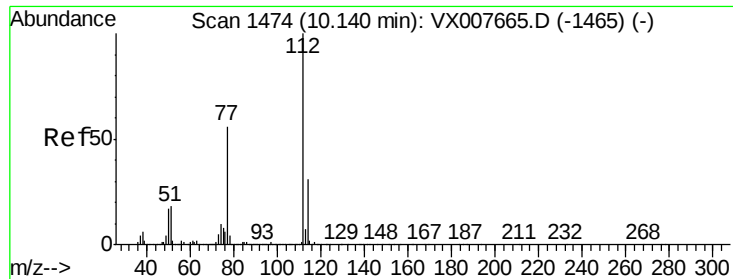
Tot Ion:117 Resp: 486779
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 31.2 26.5 39.7



#64
Tetrachloroethene
Concen: 48.032 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion:164 Resp: 189810
Ion Ratio Lower Upper
164 100
166 124.2 101.0 151.4
129 92.6 70.5 105.7
131 91.5 69.8 104.6





#65

Chlorobenzene

Concen: 46.946 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

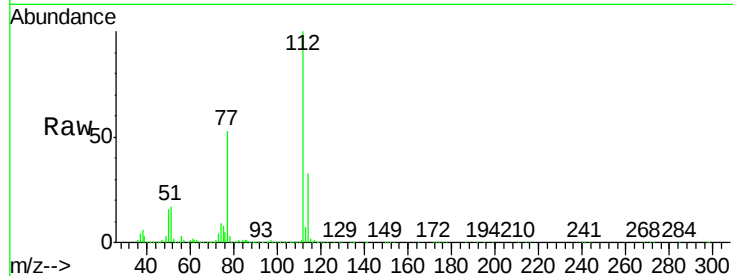
VSTDCCC050EC

Tot Ion:112 Resp: 494250

Ion Ratio Lower Upper

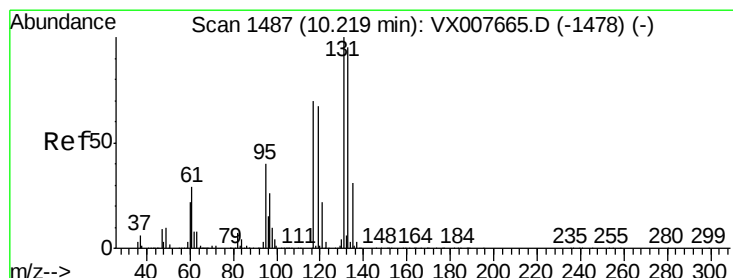
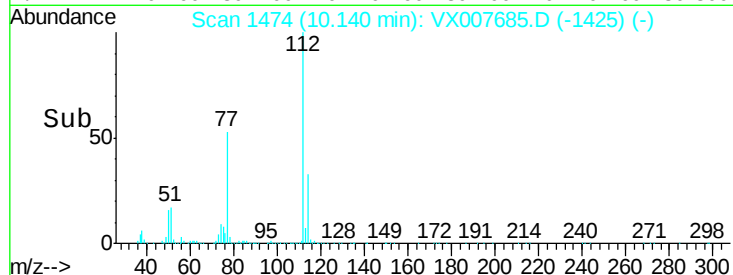
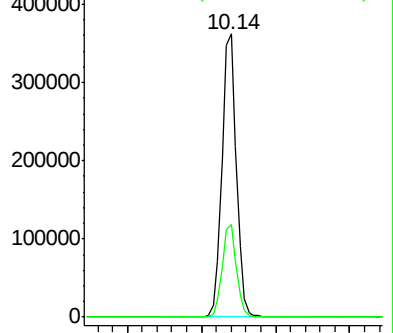
112 100

114 32.7 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.426 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

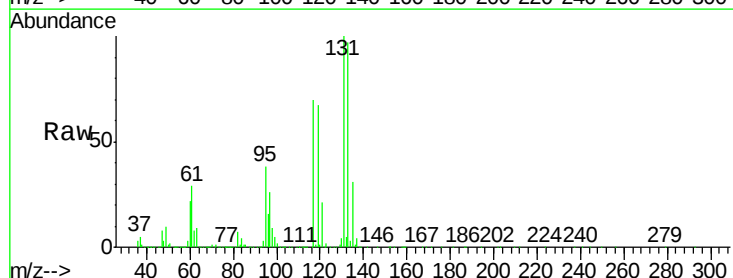
Tgt Ion:131 Resp: 177841

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.2

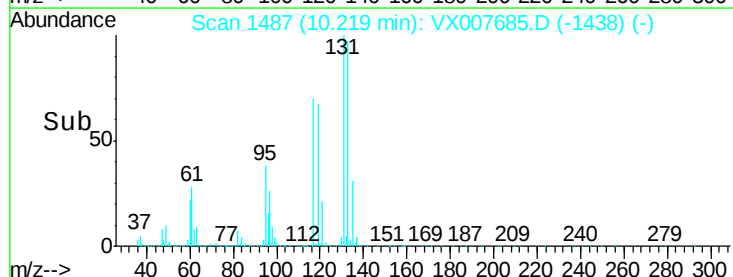
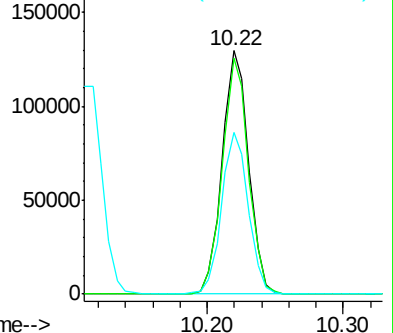
119 66.9 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

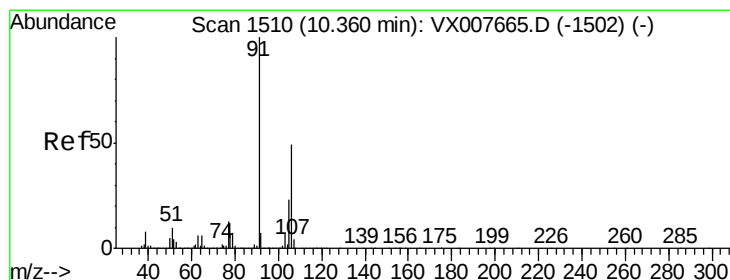
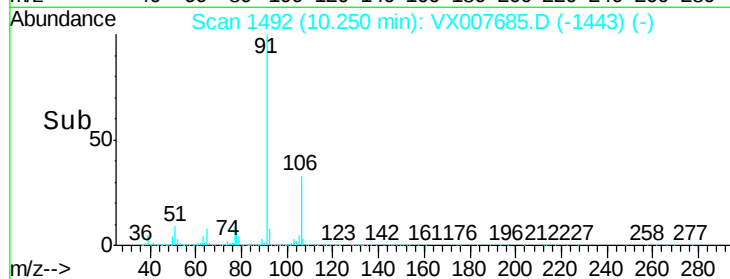
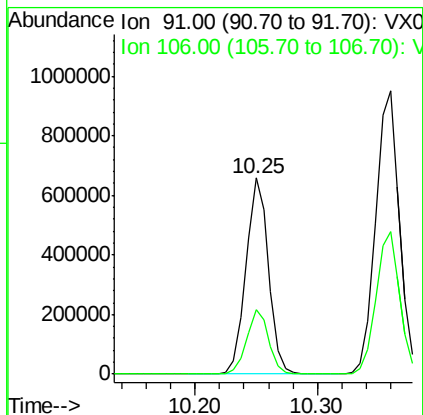
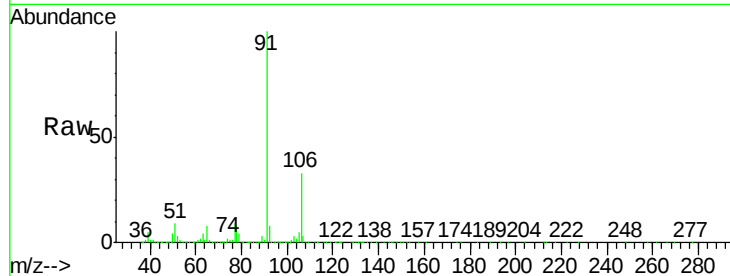




#67
Ethyl Benzene
Concen: 48.030 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

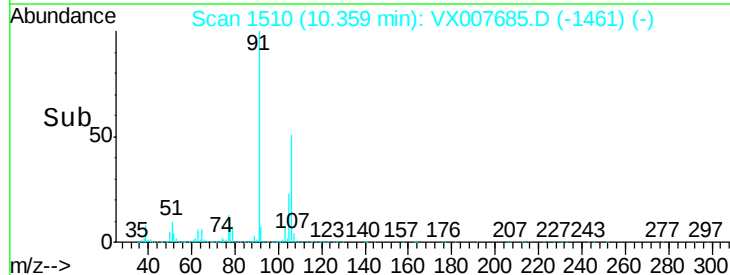
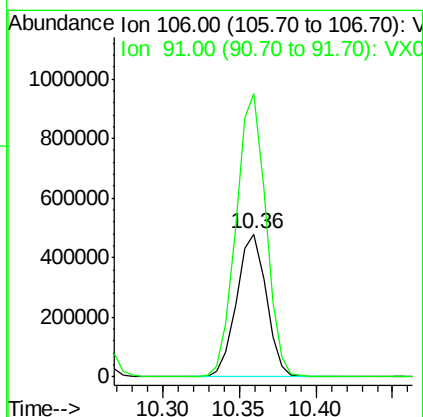
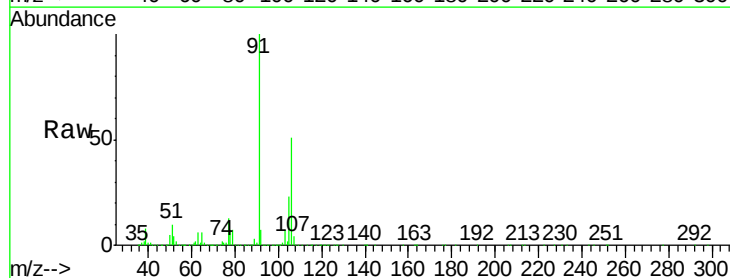
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

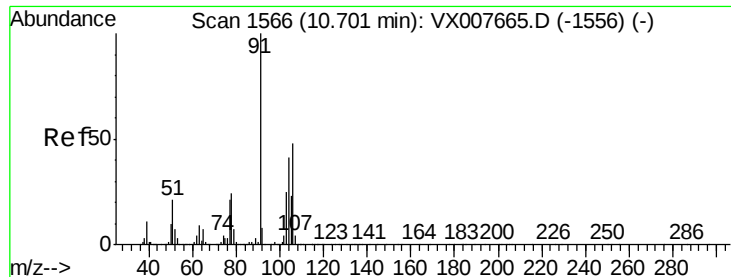
Tot Ion: 91 Resp: 837651
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.0



#68
m/p-Xylenes
Concen: 95.238 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion: 106 Resp: 646172
Ion Ratio Lower Upper
106 100
91 198.7 156.6 234.8





#69

o-Xylene

Concen: 48.196 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

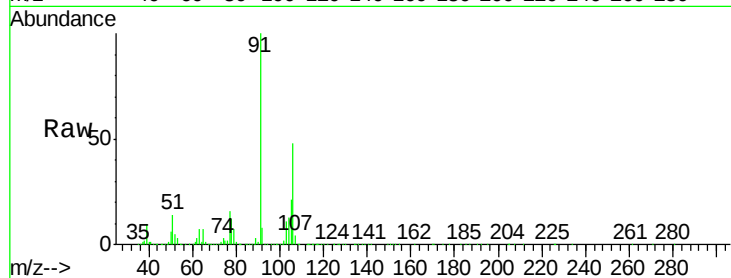
VSTDCCC050EC

Tot Ion:106 Resp: 314534

Ion Ratio Lower Upper

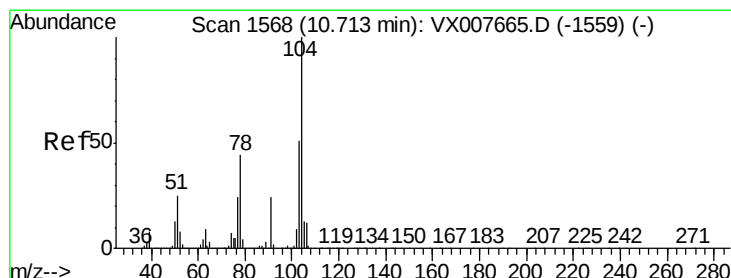
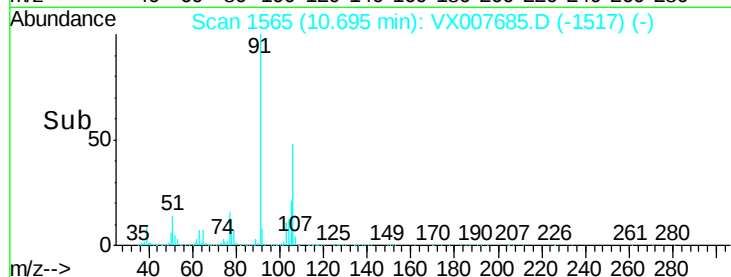
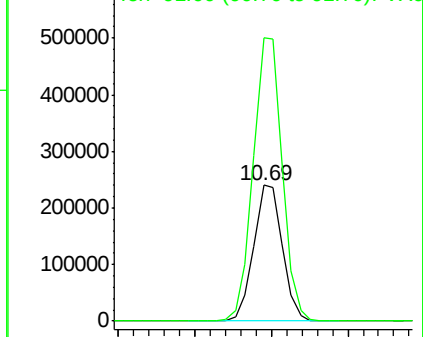
106 100

91 210.6 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 47.867 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

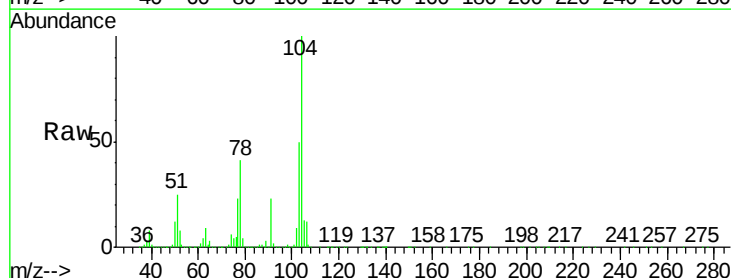
Tgt Ion:104 Resp: 513472

Ion Ratio Lower Upper

104 100

78 48.7 38.3 57.5

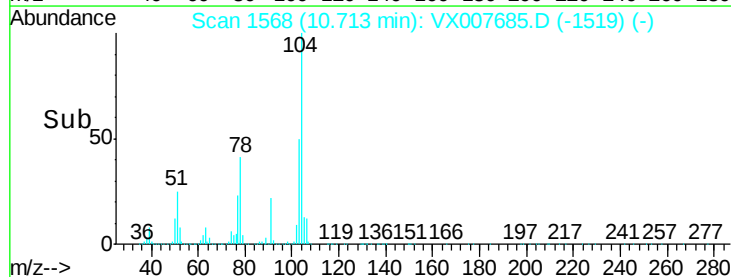
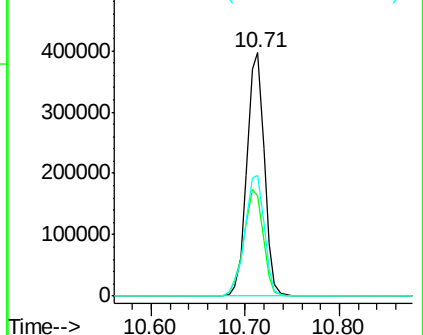
103 55.4 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.586 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

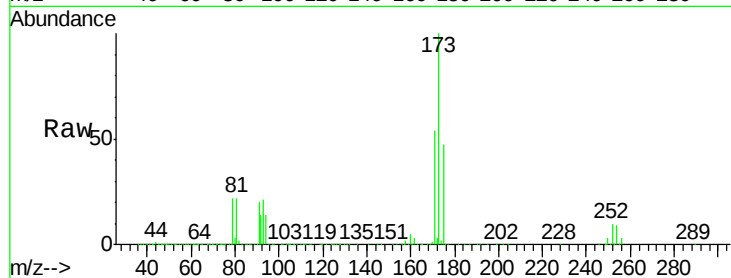
Tot Ion:173 Resp: 131045

Ion Ratio Lower Upper

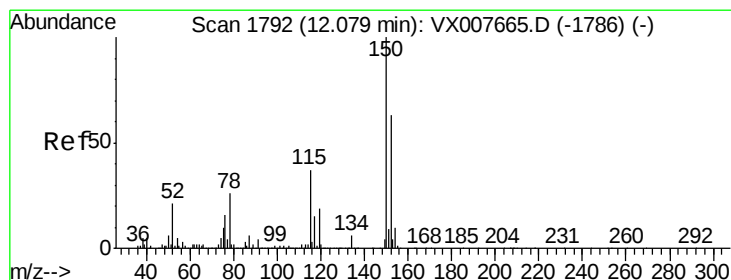
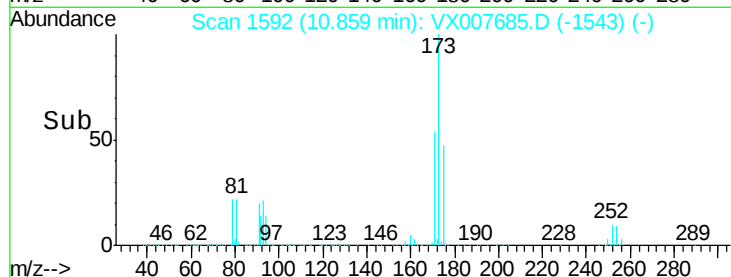
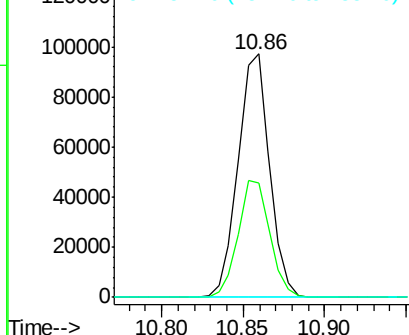
173 100

175 48.3 24.2 72.6

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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

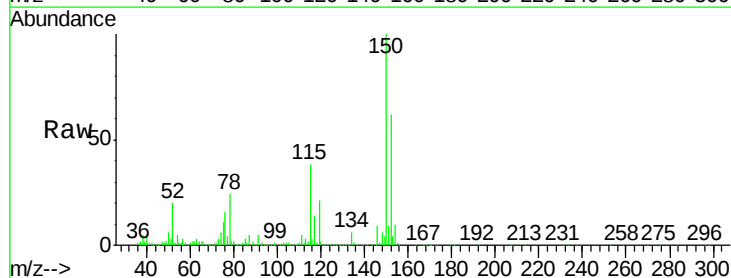
Tgt Ion:152 Resp: 236092

Ion Ratio Lower Upper

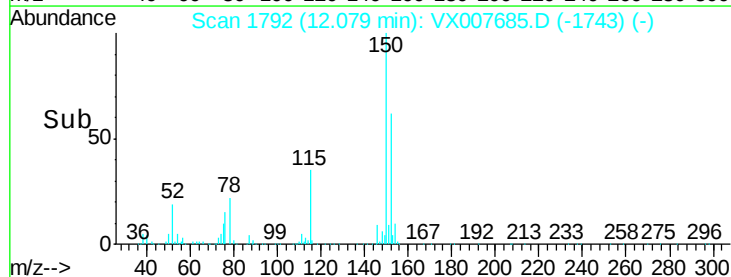
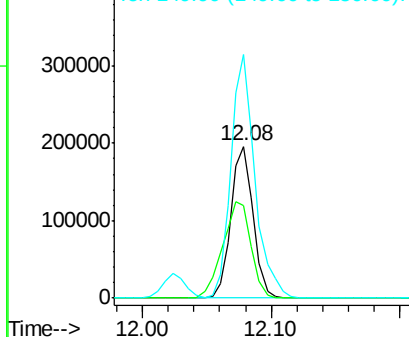
152 100

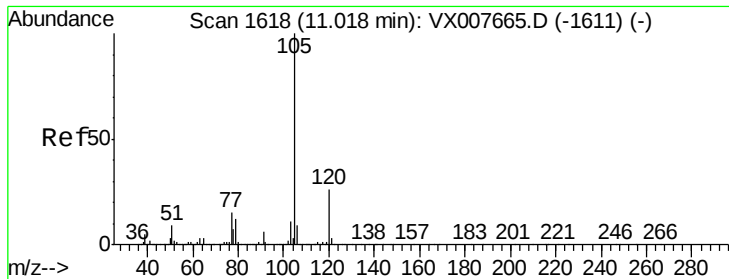
115 81.0 38.0 114.0

150 173.5 0.0 346.4



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: 49.389 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

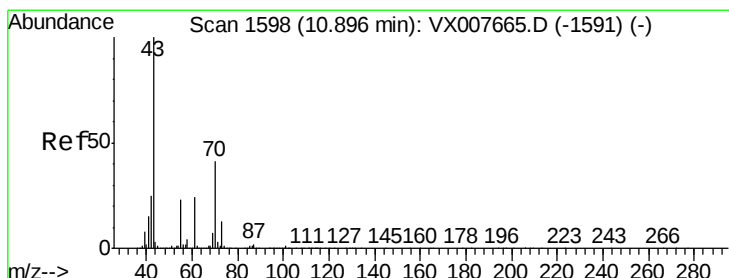
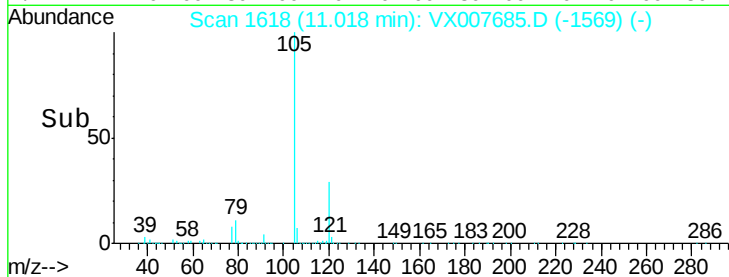
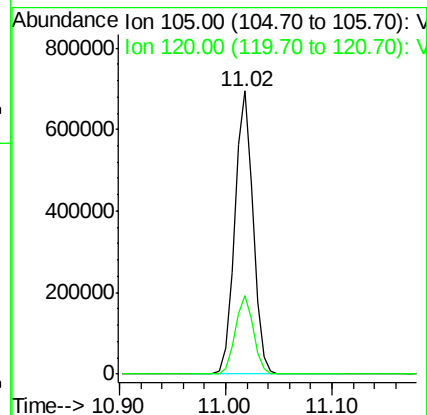
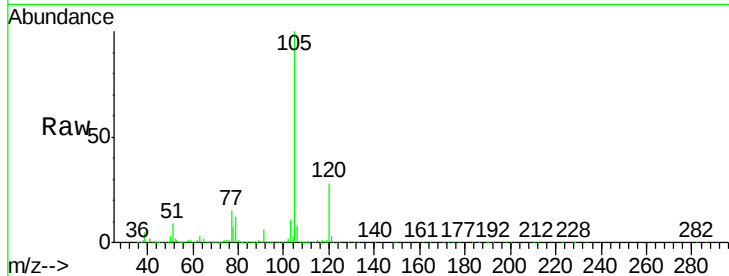
VSTDCCC050EC

Tot Ion:105 Resp: 833378

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7



#74

N-ethyl acetate

Concen: 49.413 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Tgt Ion: 43 Resp: 362079

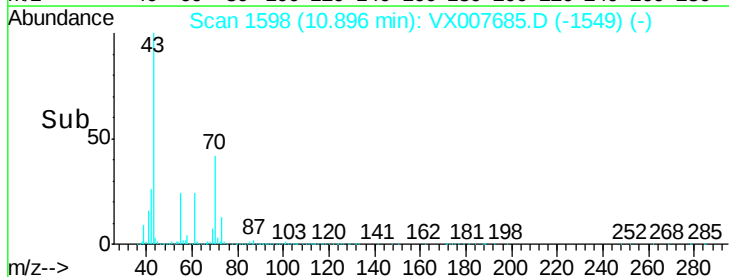
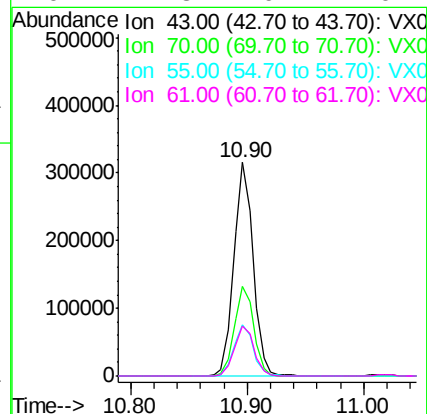
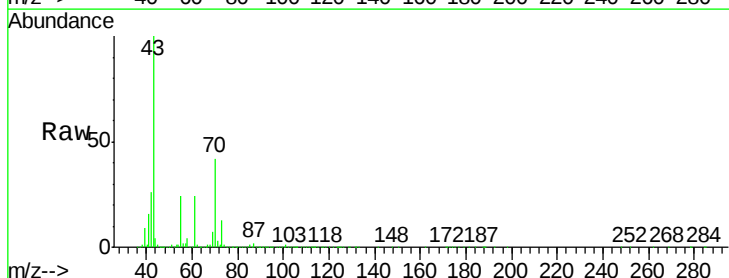
Ion Ratio Lower Upper

43 100

70 42.8 33.8 50.6

55 24.3 19.5 29.3

61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.102 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

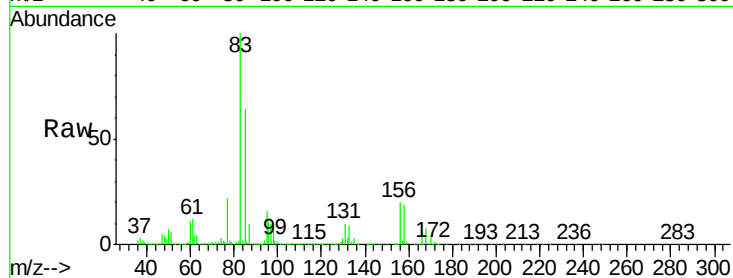
Tot Ion: 83 Resp: 269057

Ion Ratio Lower Upper

83 100

131 10.2 5.7 17.0

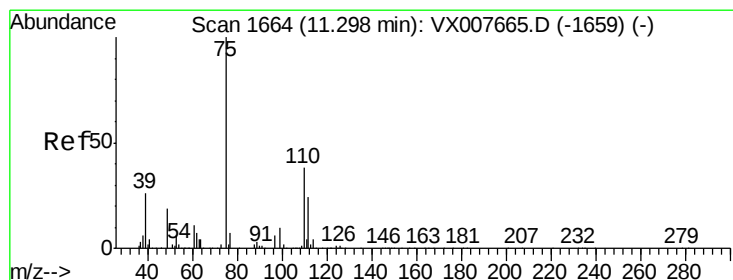
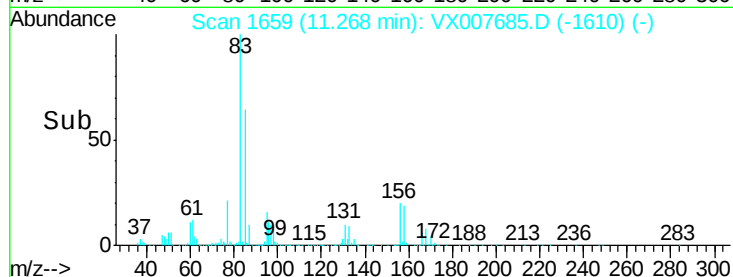
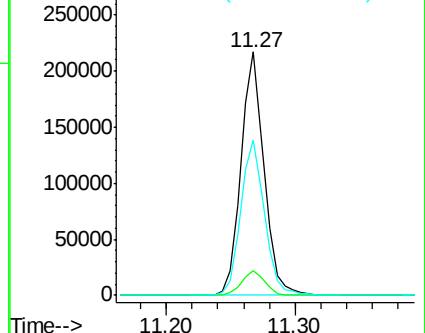
85 65.8 32.8 98.3



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: 62.550 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007685.D

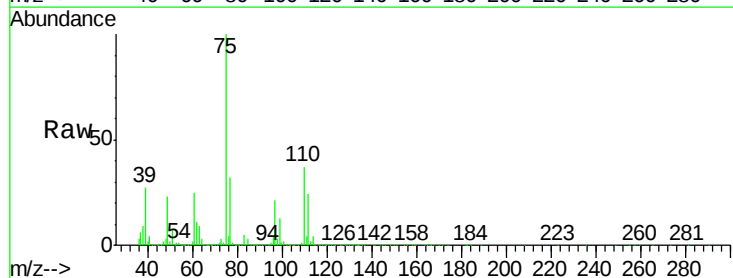
Acq: 25 Feb 2019 20:20

Tgt Ion: 75 Resp: 314779

Ion Ratio Lower Upper

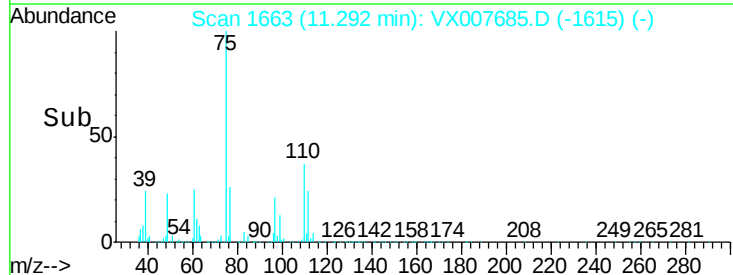
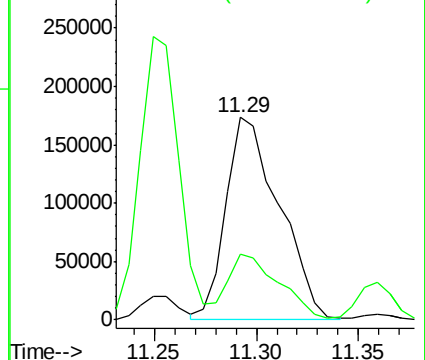
75 100

77 32.1 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.309 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

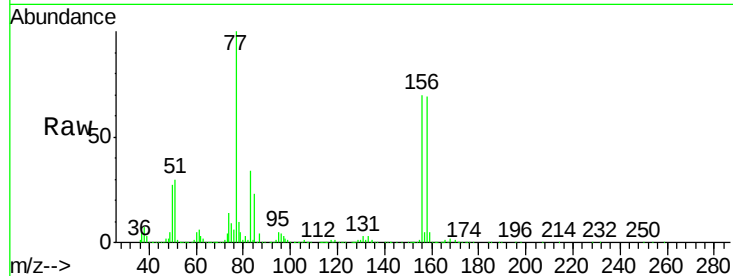
Tot Ion:156 Resp: 208691

Ion Ratio Lower Upper

156 100

77 153.9 66.8 200.6

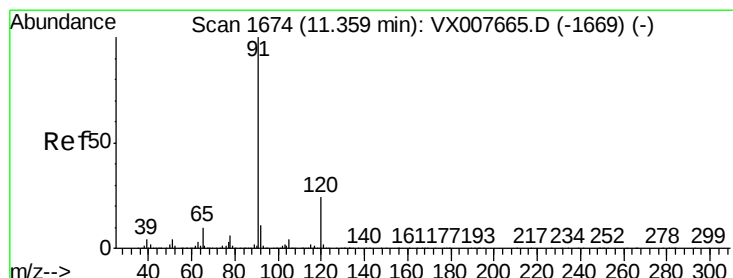
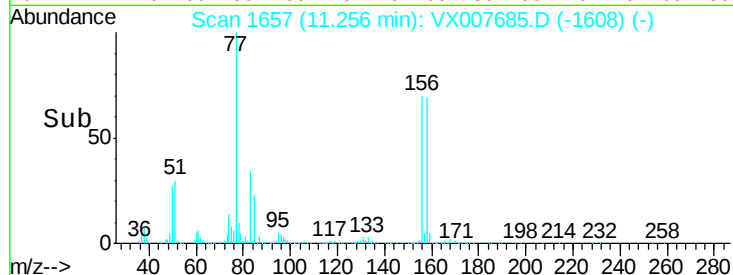
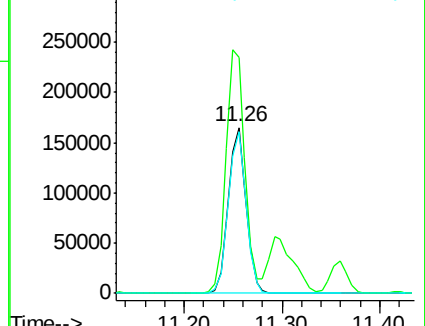
158 97.6 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.332 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007685.D

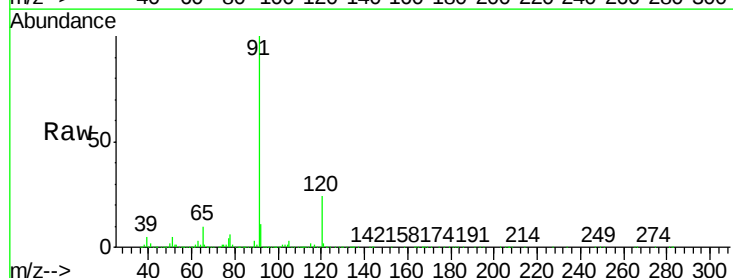
Acq: 25 Feb 2019 20:20

Tgt Ion: 91 Resp: 959715

Ion Ratio Lower Upper

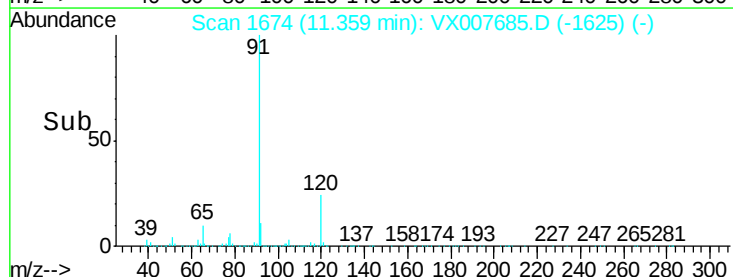
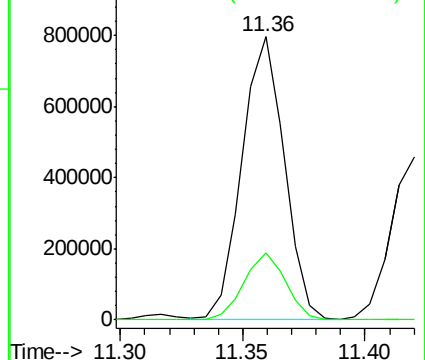
91 100

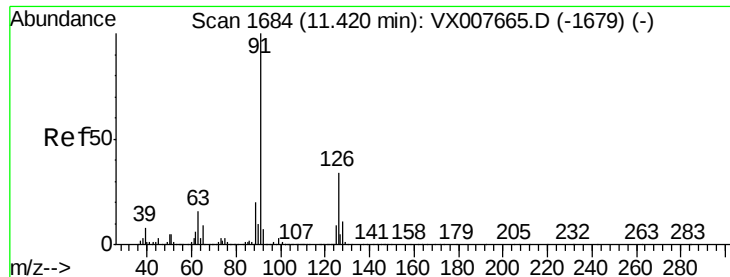
120 23.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.466 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

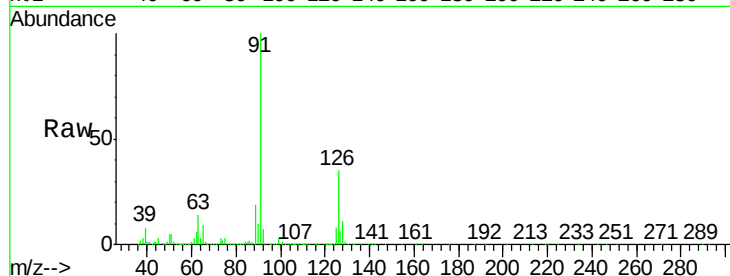
VSTDCCC050EC

Tot Ion: 91 Resp: 556445

Ion Ratio Lower Upper

91 100

126 35.4 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007665.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007665.D (-1679) (-)

800000

600000

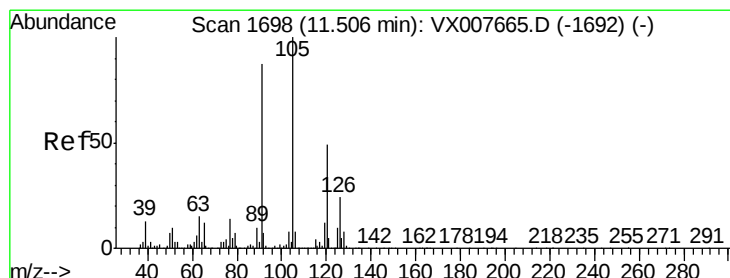
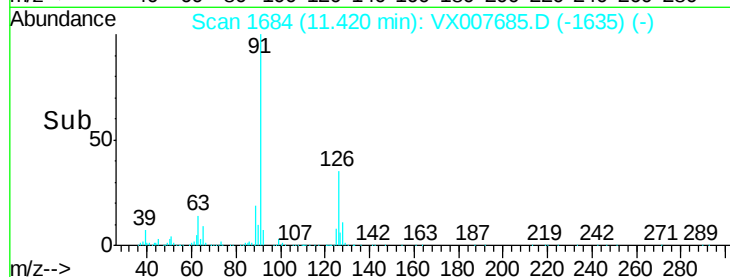
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.221 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007685.D

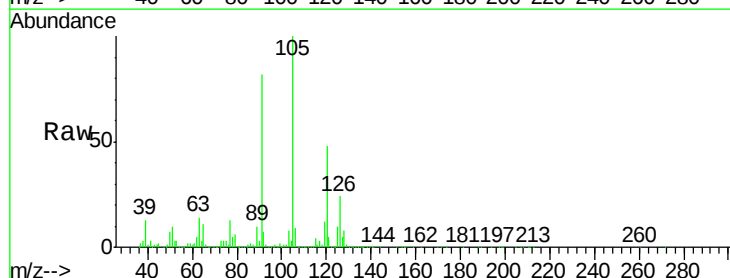
Acq: 25 Feb 2019 20:20

Tgt Ion: 105 Resp: 697049

Ion Ratio Lower Upper

105 100

120 48.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007665.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007665.D (-1692) (-)

600000

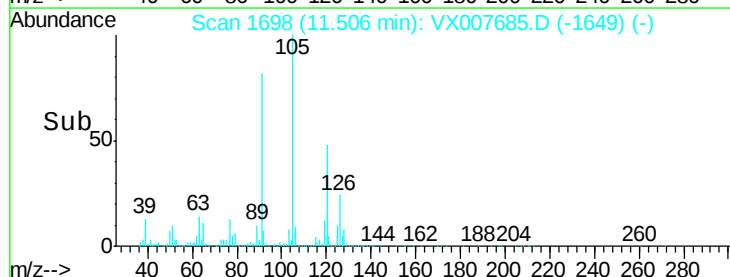
400000

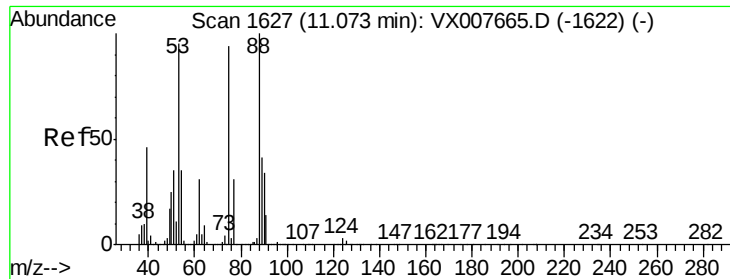
200000

0

11.50 11.51 11.60

Time-->

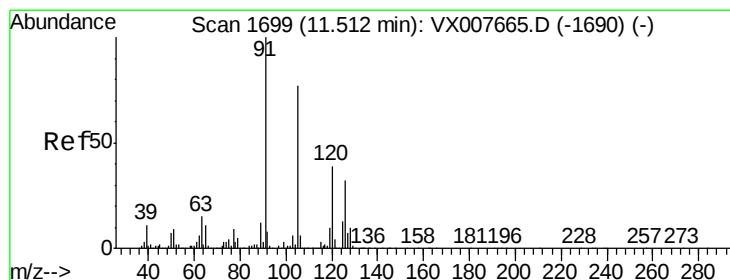
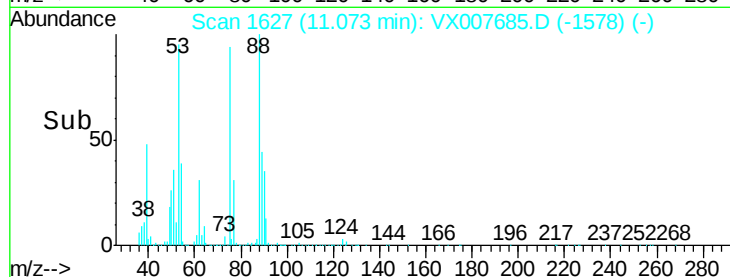
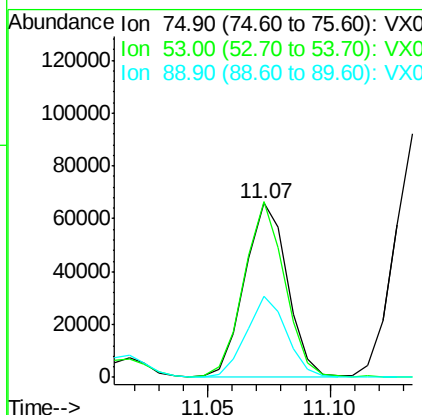
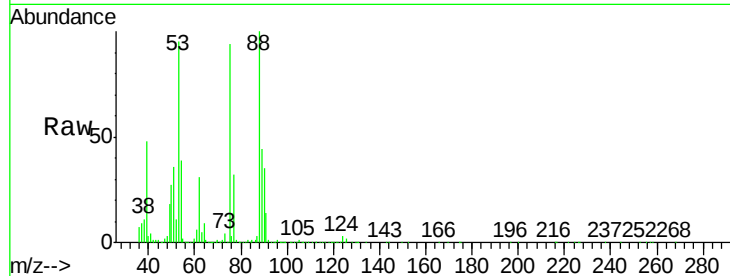




#81
trans-1,4-Dichloro-2-butene
Concen: 42.789 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

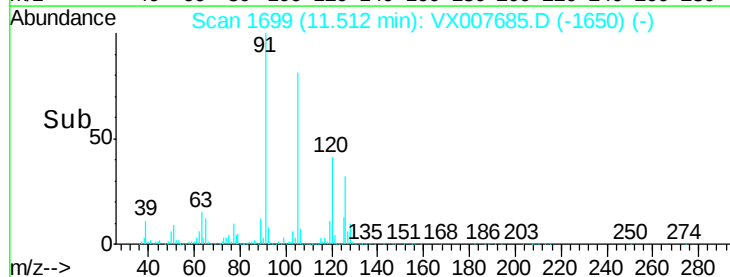
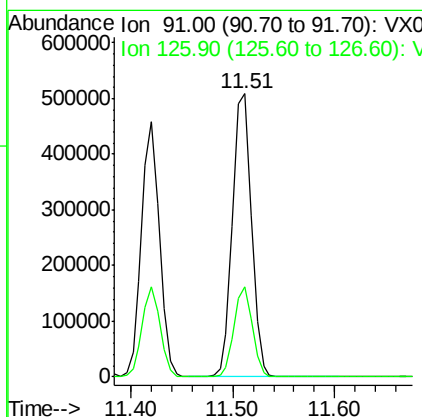
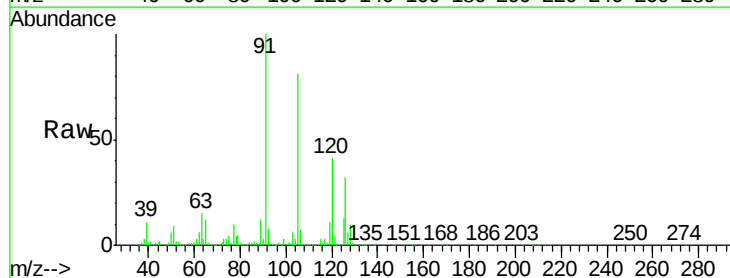
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

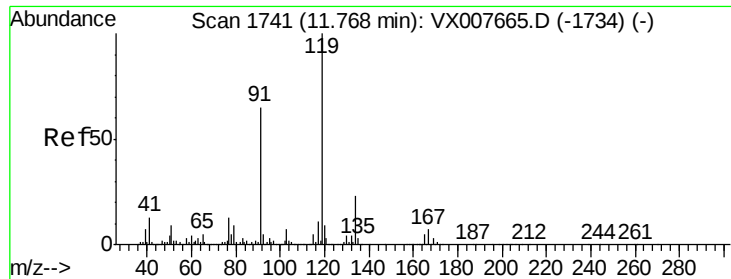
Tot Ion: 75 Resp: 79489
Ion Ratio Lower Upper
75 100
53 98.1 81.0 121.6
89 44.5 41.4 62.0



#82
4-Chlorotoluene
Concen: 48.548 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion: 91 Resp: 652042
Ion Ratio Lower Upper
91 100
126 30.7 16.2 48.5

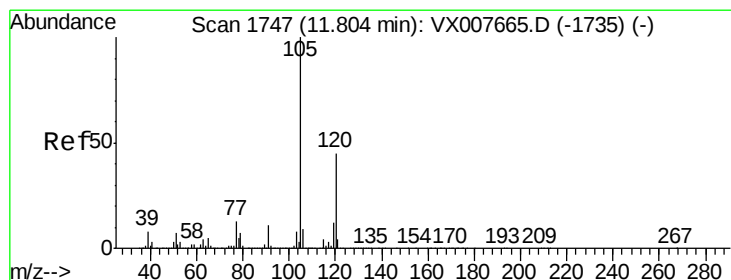
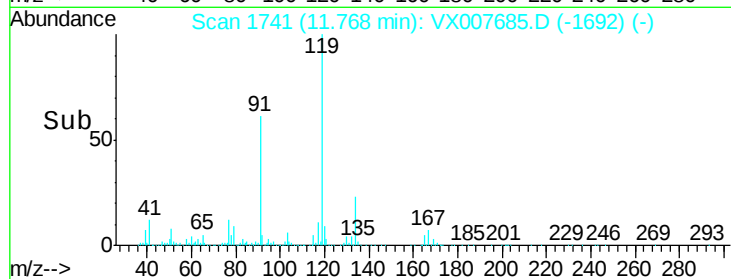
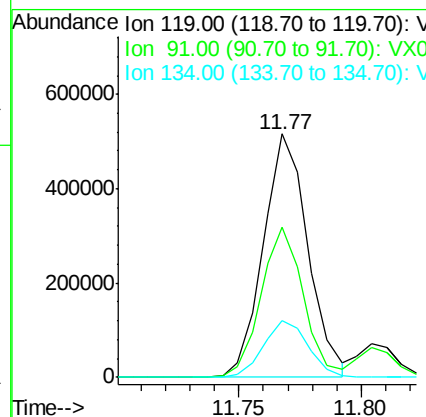
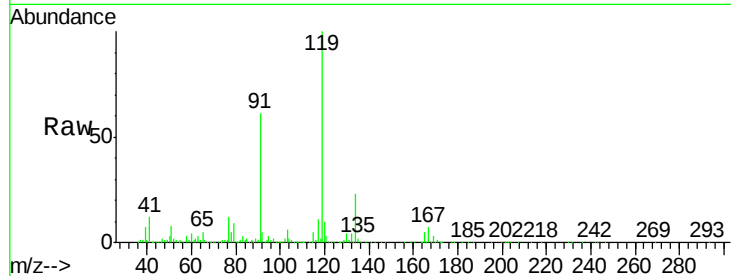




#83
 tert-Butylbenzene
 Concen: 49.454 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

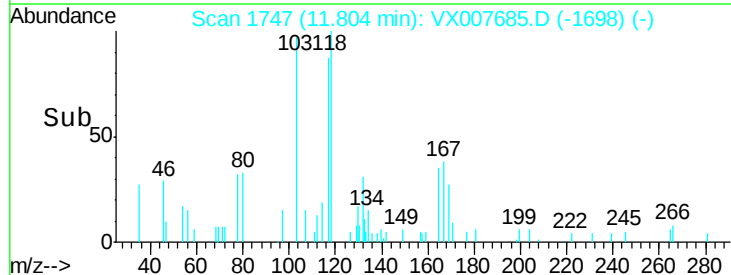
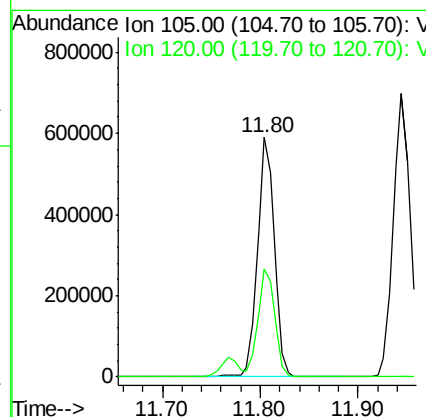
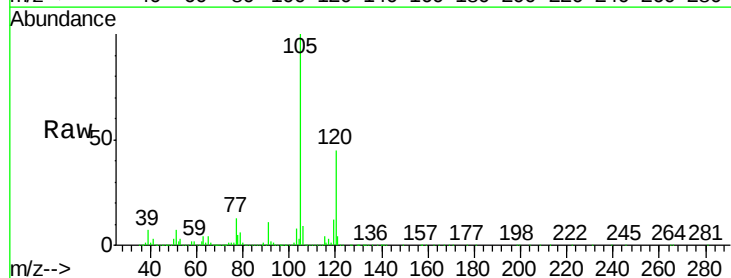
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

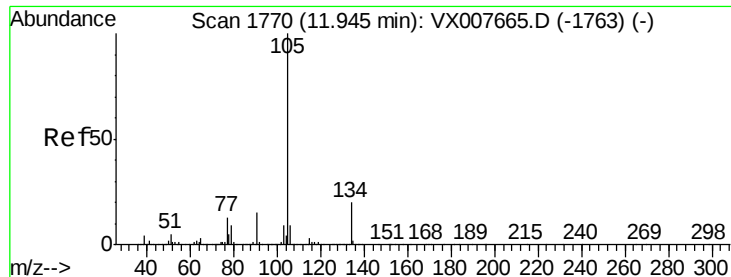
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	28.5	85.6
134	23.4	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.705 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 49.983 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

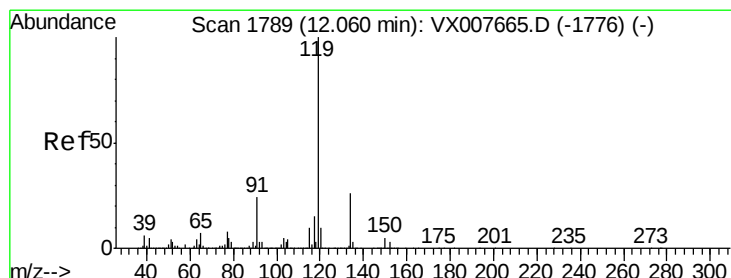
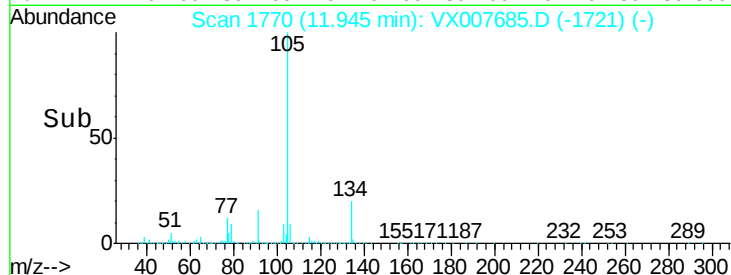
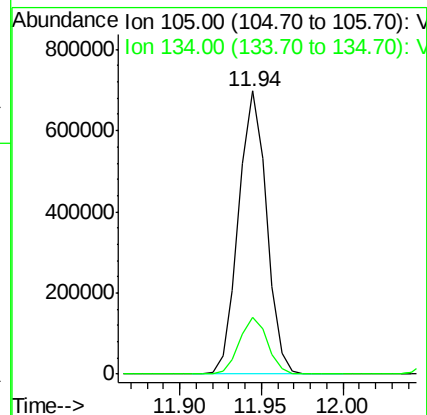
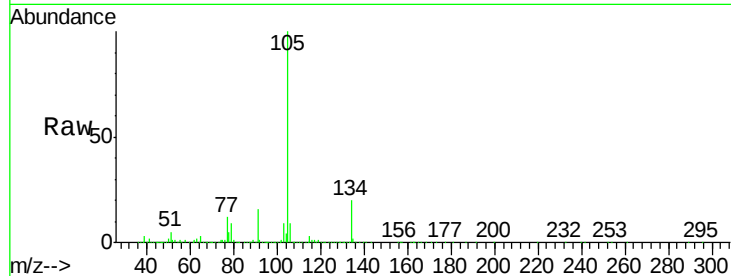
VSTDCCC050EC

Tot Ion:105 Resp: 834695

Ion Ratio Lower Upper

105 100

134 20.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 49.941 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

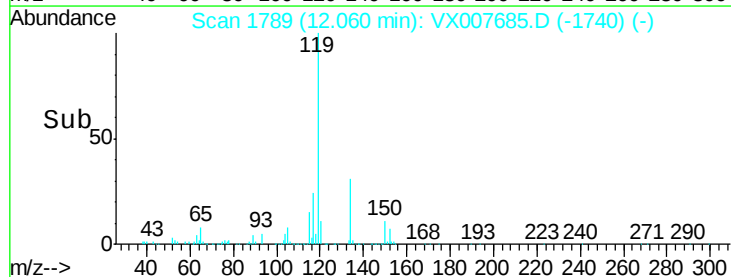
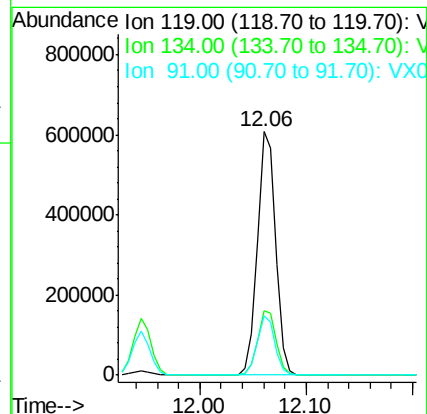
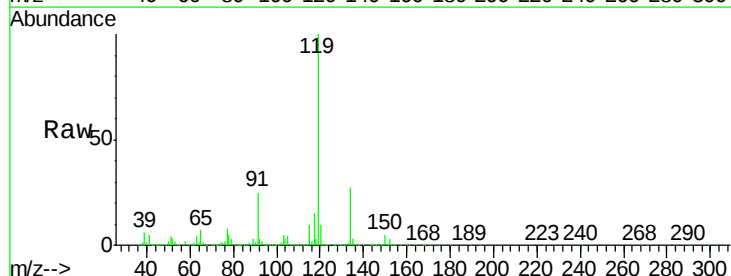
Tgt Ion:119 Resp: 730377

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 23.7 11.2 33.5

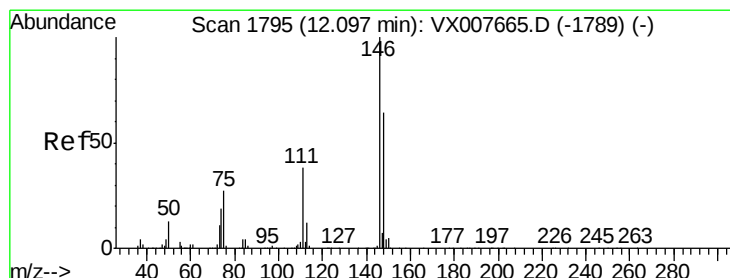
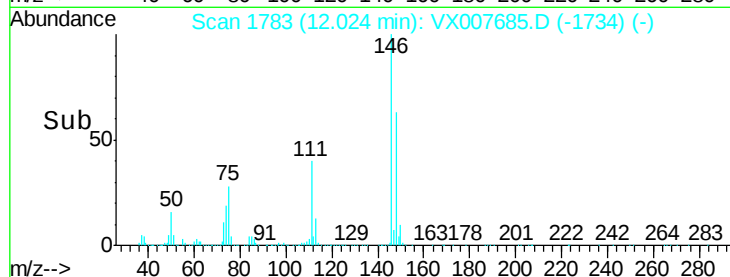
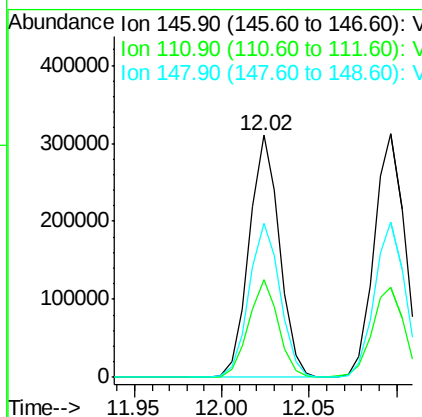
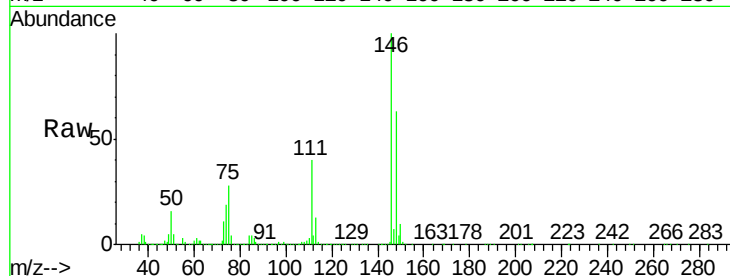




#87
 1,3-Dichlorobenzene
 Concen: 47.641 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

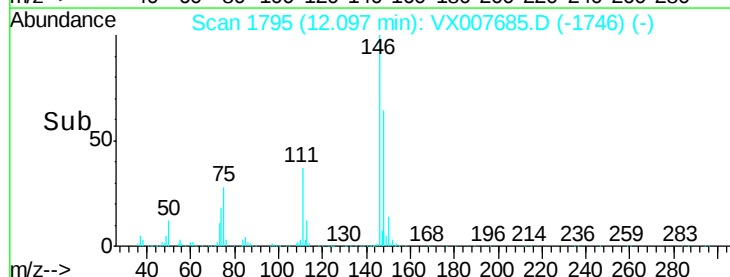
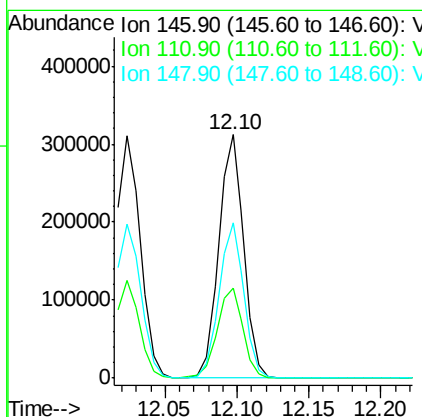
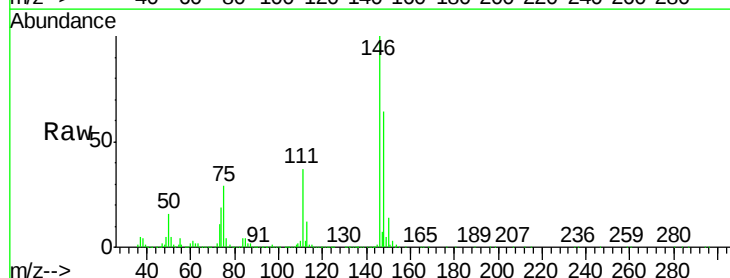
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

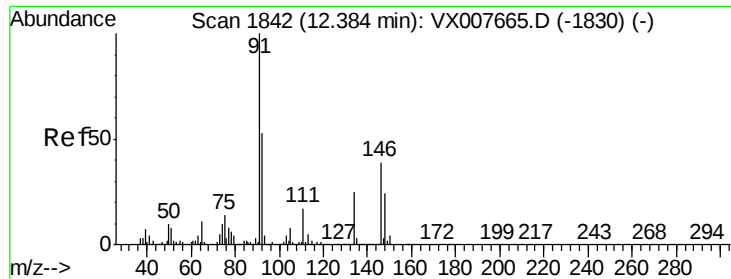
Tot Ion:146 Resp: 374010
 Ion Ratio Lower Upper
 146 100
 111 39.4 18.1 54.1
 148 65.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.938 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion:146 Resp: 377384
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.1 54.1
 148 63.5 32.3 96.9





#89

n-Butylbenzene

Concen: 48.938 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

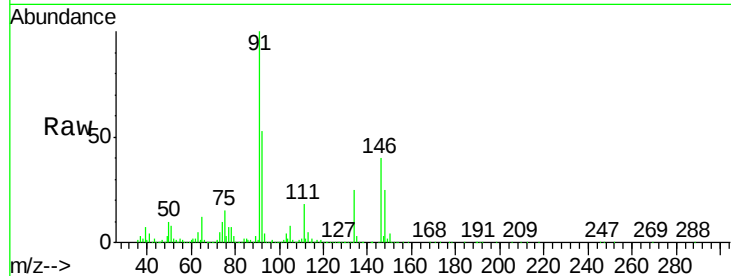
Tot Ion: 91 Resp: 638279

Ion Ratio Lower Upper

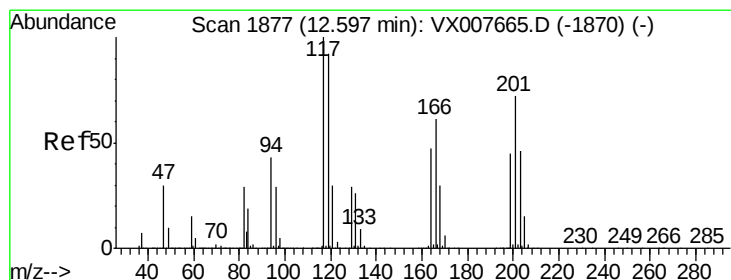
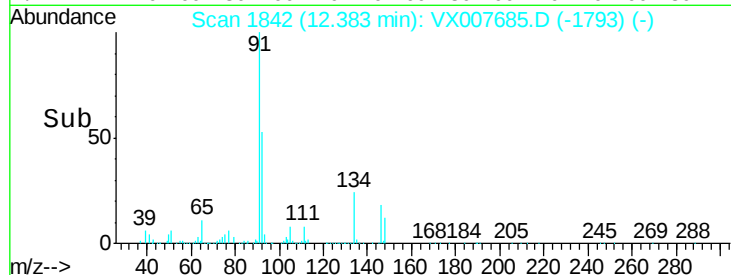
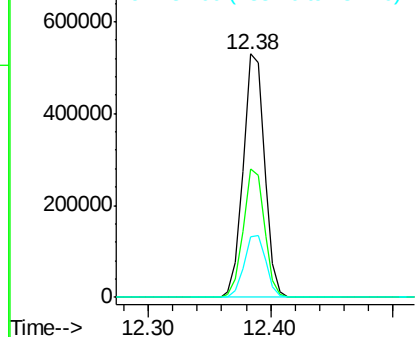
91 100

92 52.4 26.3 78.9

134 26.0 13.9 41.6



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: 49.282 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007685.D

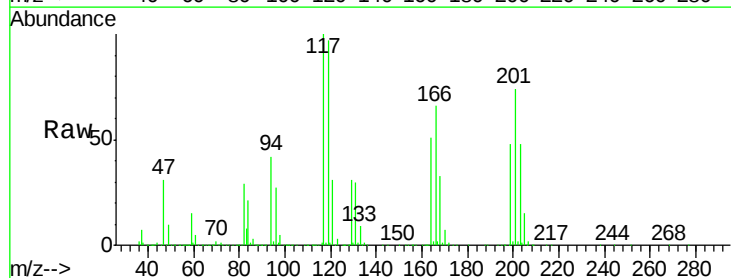
Acq: 25 Feb 2019 20:20

Tgt Ion: 117 Resp: 121440

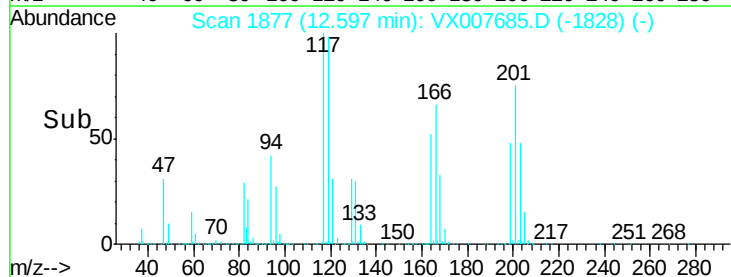
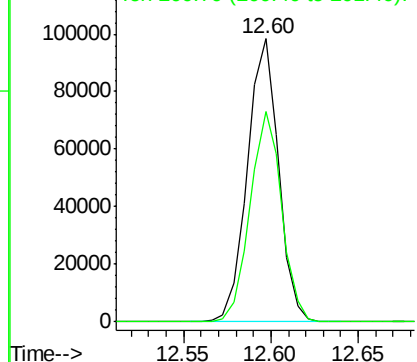
Ion Ratio Lower Upper

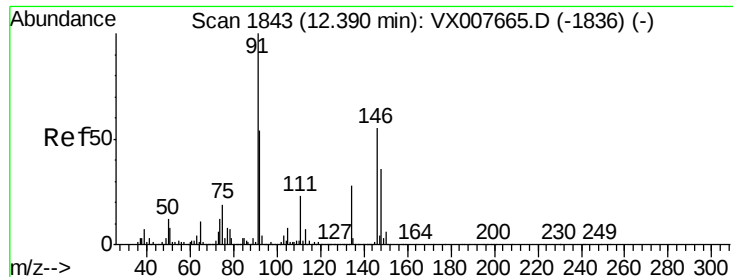
117 100

201 75.4 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 47.710 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

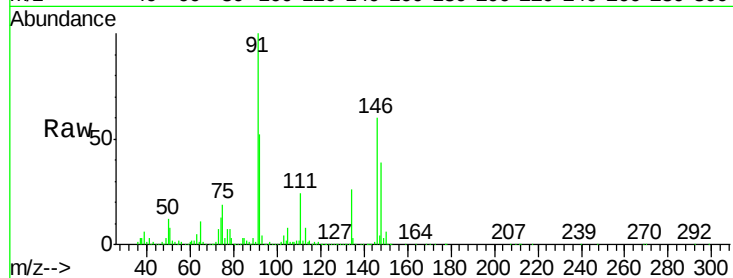
Tot Ion:146 Resp: 374759

Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.3

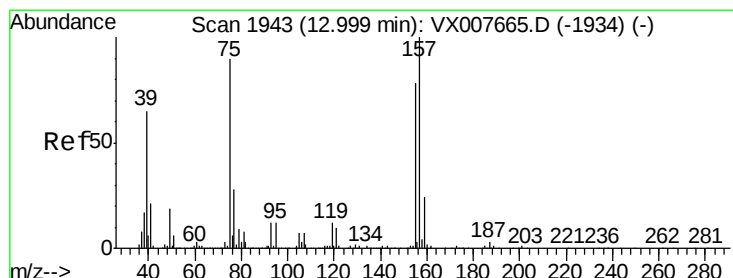
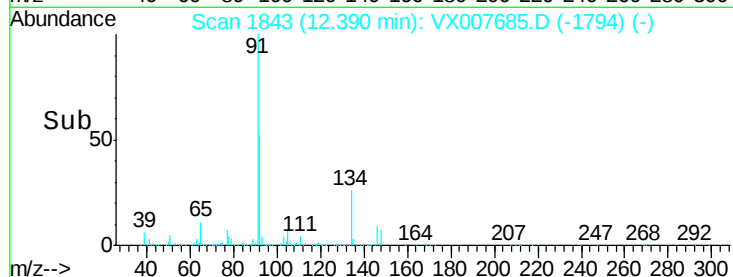
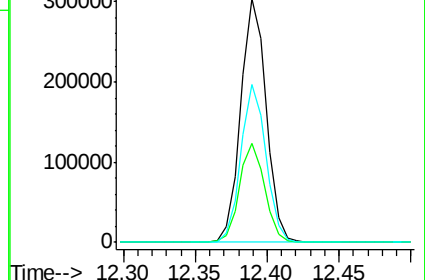
148 63.8 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.484 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

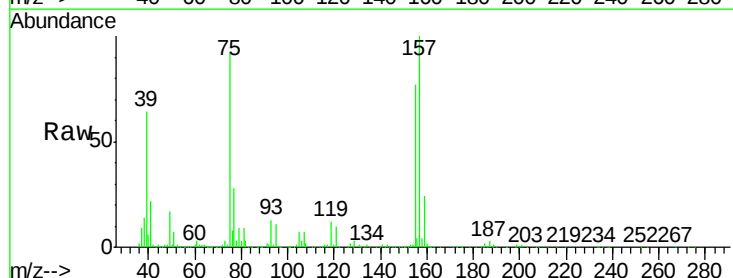
Tgt Ion: 75 Resp: 59110

Ion Ratio Lower Upper

75 100

155 89.0 49.6 149.0

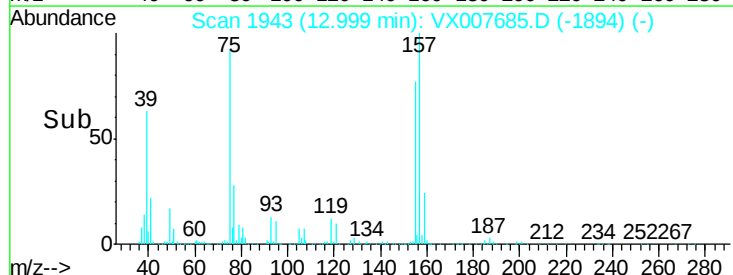
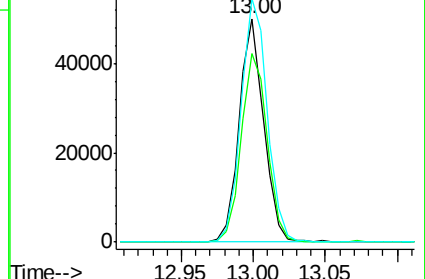
157 115.5 65.1 195.3

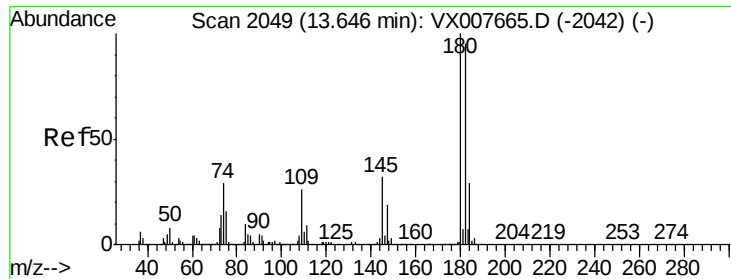


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

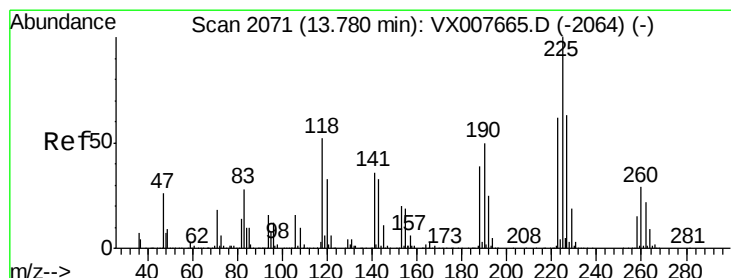
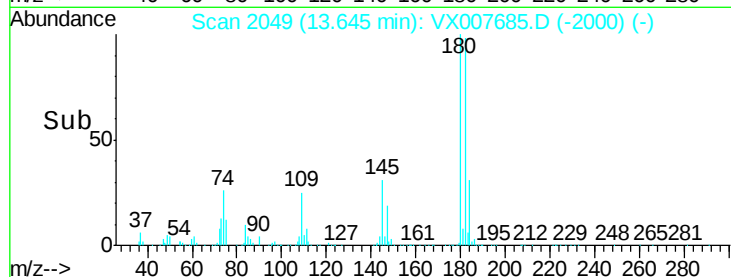
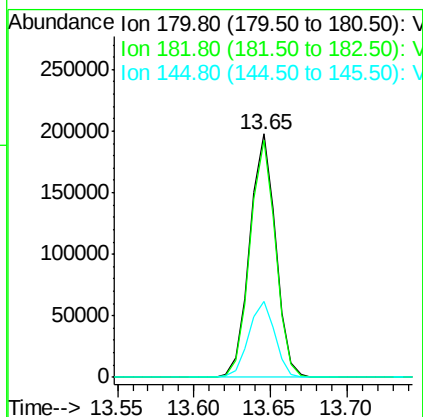
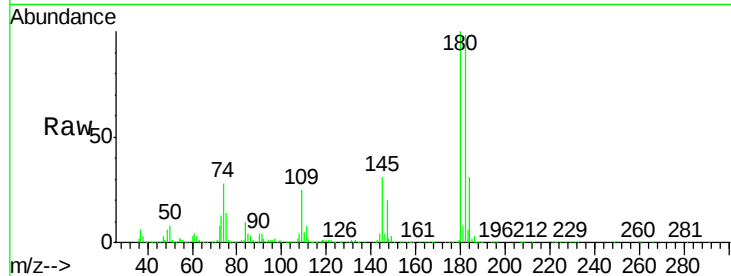




#93
 1,2,4-Trichlorobenzene
 Concen: 48.405 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

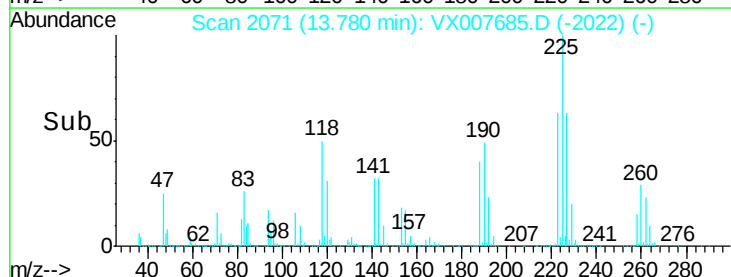
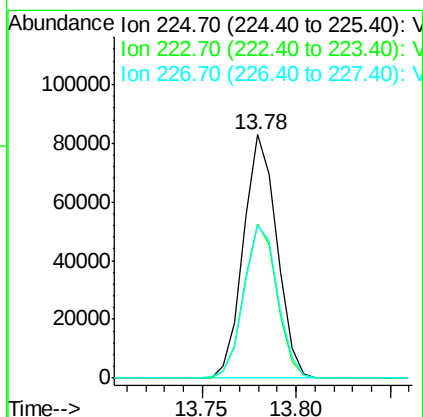
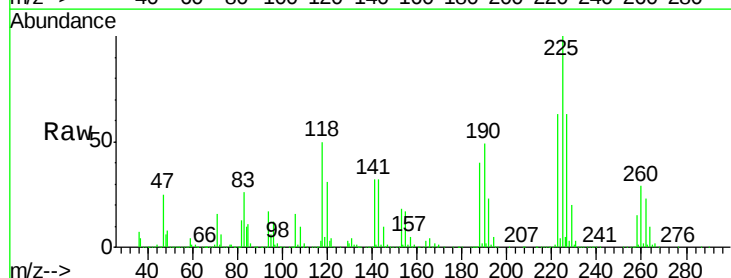
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

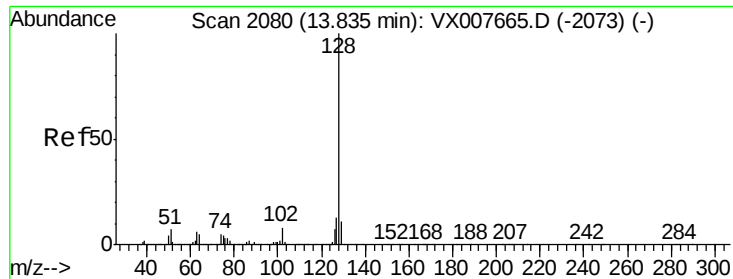
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	31.6	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 46.512 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.6	94.8
227	63.5	32.1	96.3

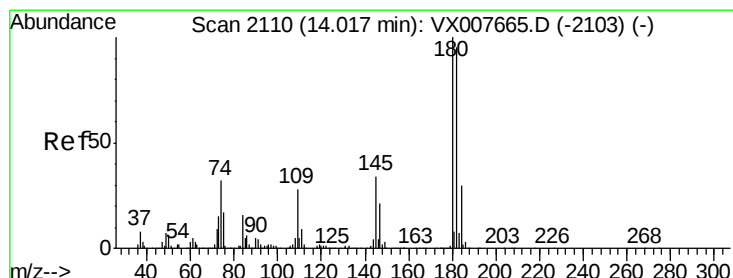
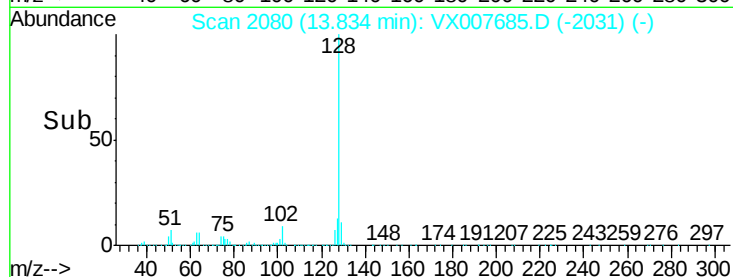
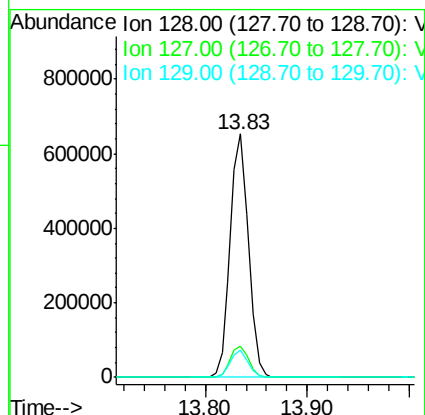
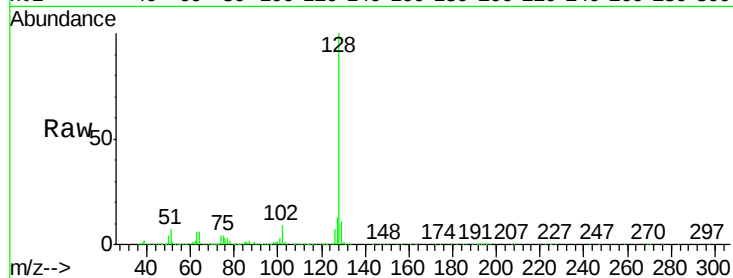




#95
Naphthalene
Concen: 51.963 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 807209
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.528 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion:180 Resp: 233633
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.6
145 32.4 14.9 44.5

