

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007537.D
 Acq On : 14 Feb 2019 11:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 15 02:40:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	457943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	667091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	606952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	316108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	243487	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.50	113	226470	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	8.71	98	815633	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	295444	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	249578	44.371 ug/l	98
3) Chloromethane	1.33	50	210529	40.816 ug/l	98
4) Vinyl Chloride	1.41	62	231957	45.839 ug/l	99
5) Bromomethane	1.64	94	211002	42.094 ug/l	100
6) Chloroethane	1.72	64	148764	45.446 ug/l	98
7) Trichlorofluoromethane	1.93	101	370653	46.824 ug/l	98
8) Diethyl Ether	2.19	74	135073	45.335 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	216758	46.034 ug/l	99
10) Methyl Iodide	2.51	142	280257	40.461 ug/l	99
11) Tert butyl alcohol	3.06	59	245258	243.814 ug/l	99
12) 1,1-Dichloroethene	2.37	96	194951	44.586 ug/l	99
13) Acrolein	2.29	56	110462	234.176 ug/l	98
14) Allyl chloride	2.73	41	334951	47.015 ug/l	99
15) Acrylonitrile	3.15	53	591458	237.681 ug/l	99
16) Acetone	2.45	43	615906	276.618 ug/l	99
17) Carbon Disulfide	2.57	76	481157	42.419 ug/l	100
18) Methyl Acetate	2.78	43	325213	55.987 ug/l	99
19) Methyl tert-butyl Ether	3.20	73	656124	46.319 ug/l	99
20) Methylene Chloride	2.86	84	216189	47.516 ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	202981	43.579 ug/l	99
22) Diisopropyl ether	3.87	45	638774	48.744 ug/l	100
23) Vinyl Acetate	3.82	43	2745458	252.465 ug/l	99
24) 1,1-Dichloroethane	3.70	63	369604	49.112 ug/l	99
25) 2-Butanone	4.70	43	845958	266.977 ug/l	99
26) 2,2-Dichloropropane	4.58	77	282600	49.308 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	238193	46.820 ug/l	99
28) Bromochloromethane	5.02	49	170624	49.301 ug/l	98
29) Tetrahydrofuran	5.15	42	522288	262.079 ug/l	100
30) Chloroform	5.21	83	384083	48.909 ug/l	99
31) Cyclohexane	5.57	56	317241	46.935 ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	333187	50.264 ug/l	99
36) 1,1-Dichloropropene	5.80	75	275037	45.951 ug/l	99
37) Ethyl Acetate	4.85	43	297771	49.214 ug/l	99
38) Carbon Tetrachloride	5.78	117	300502	51.750 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021519\
 Data File : VX007537.D
 Acq On : 14 Feb 2019 11:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 15 02:40:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	345789	47.750	ug/l	98
40) Benzene	6.14	78	855989	48.550	ug/l	99
41) Methacrylonitrile	5.06	41	168696	52.022	ug/l	99
42) 1,2-Dichloroethane	6.20	62	291640	47.808	ug/l	98
43) Isopropyl Acetate	6.46	43	475092	50.871	ug/l	100
44) Trichloroethene	7.21	130	245986	46.324	ug/l	97
45) 1,2-Dichloropropane	7.51	63	215848	48.862	ug/l	96
46) Dibromomethane	7.66	93	153947	47.948	ug/l	99
47) Bromodichloromethane	7.90	83	283026	52.014	ug/l	99
48) Methyl methacrylate	7.77	41	243514	52.129	ug/l	99
49) 1,4-Dioxane	7.75	88	109029	1026.119	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1569761	255.332	ug/l	100
52) Toluene	8.78	92	544143	47.835	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	300785	51.461	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	338163	52.611	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	233124	49.164	ug/l	97
56) Ethyl methacrylate	9.18	69	328534	50.025	ug/l	98
57) 1,3-Dichloropropane	9.37	76	366603	48.616	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	873601	252.371	ug/l	100
59) 2-Hexanone	9.49	43	1221269	255.276	ug/l	100
60) Dibromochloromethane	9.58	129	245377	54.715	ug/l	98
61) 1,2-Dibromoethane	9.67	107	247252	49.238	ug/l	100
64) Tetrachloroethene	9.34	164	253134	44.249	ug/l	99
65) Chlorobenzene	10.13	112	626832	47.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	230860	51.988	ug/l	99
67) Ethyl Benzene	10.25	91	1045587	49.021	ug/l	99
68) m/p-Xylenes	10.36	106	826954	97.534	ug/l	100
69) o-Xylene	10.69	106	400543	49.095	ug/l	100
70) Styrene	10.71	104	657504	49.693	ug/l	99
71) Bromoform	10.85	173	185228	47.755	ug/l #	99
73) Isopropylbenzene	11.02	105	1076554	50.116	ug/l	98
74) N-amyl acetate	10.90	43	417849	50.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	334814	51.143	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	392406	63.819	ug/l	78
77) Bromobenzene	11.26	156	287355	47.477	ug/l	99
78) n-propylbenzene	11.36	91	1219384	51.766	ug/l	99
79) 2-Chlorotoluene	11.42	91	700310	48.997	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	882686	50.226	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	96716	48.735	ug/l	95
82) 4-Chlorotoluene	11.51	91	812530	49.130	ug/l	100
83) tert-Butylbenzene	11.77	119	878571	50.494	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	907456	50.861	ug/l	99
85) sec-Butylbenzene	11.94	105	1086560	51.596	ug/l	100
86) p-Isopropyltoluene	12.06	119	966495	50.842	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	521105	47.975	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	516177	46.840	ug/l	99
89) n-Butylbenzene	12.38	91	835101	51.067	ug/l	100
90) Hexachloroethane	12.60	117	161849	56.887	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	512195	47.382	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71188	52.296	ug/l	99

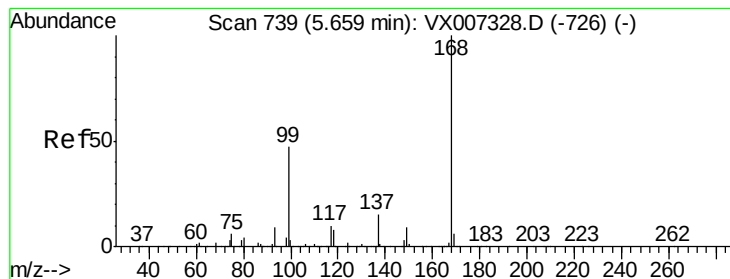
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\
Data File : VX007537.D
Acq On : 14 Feb 2019 11:07
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Feb 15 02:40:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	355150	48.717	ug/l	99
94) Hexachlorobutadiene	13.78	225	172068	48.609	ug/l	99
95) Naphthalene	13.83	128	1075193	50.435	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	354055	48.249	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

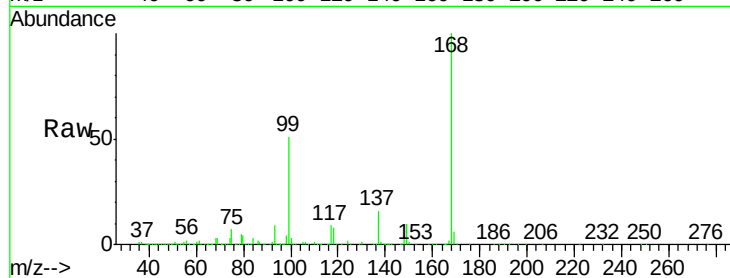
VSTDCCC050

Tot Ion:168 Resp: 457943

Ion Ratio Lower Upper

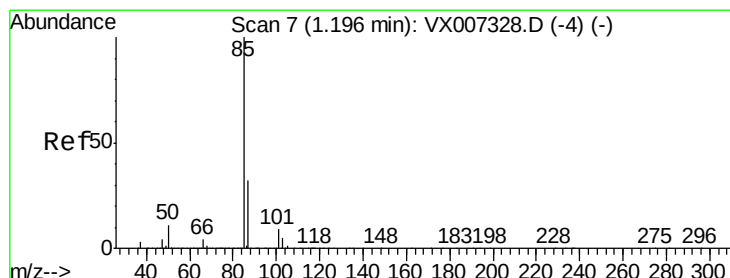
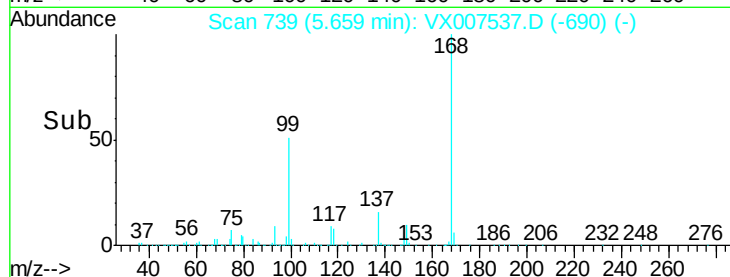
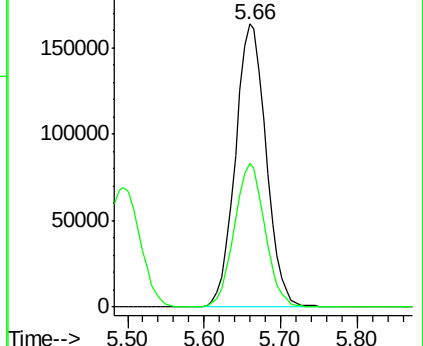
168 100

99 50.8 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: 44.371 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007537.D

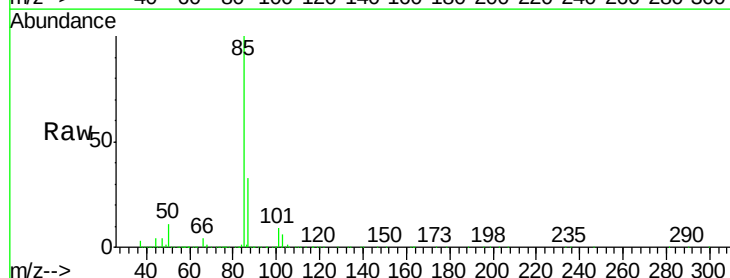
Acq: 14 Feb 2019 11:07

Tgt Ion: 85 Resp: 249578

Ion Ratio Lower Upper

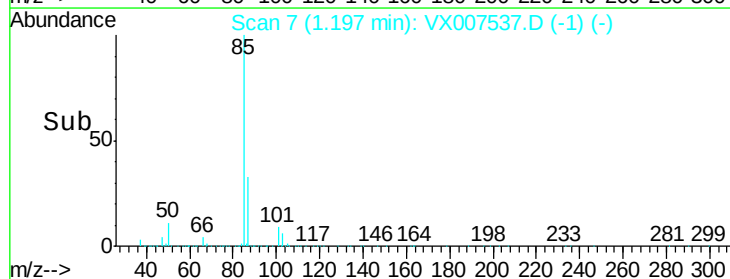
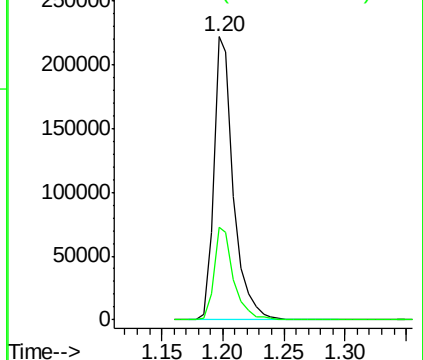
85 100

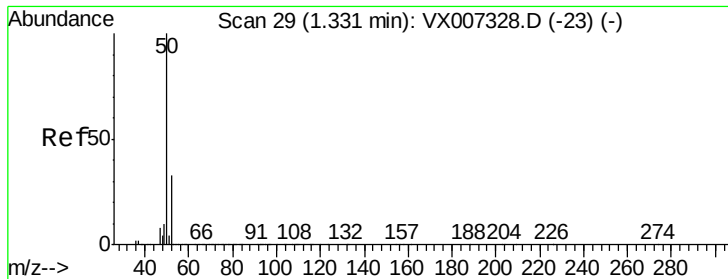
87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.816 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

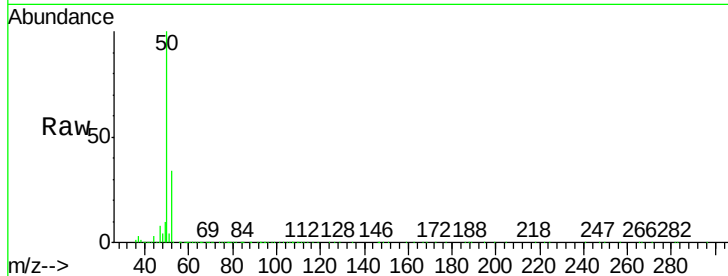
VSTDCCC050

Tot Ion: 50 Resp: 210529

Ion Ratio Lower Upper

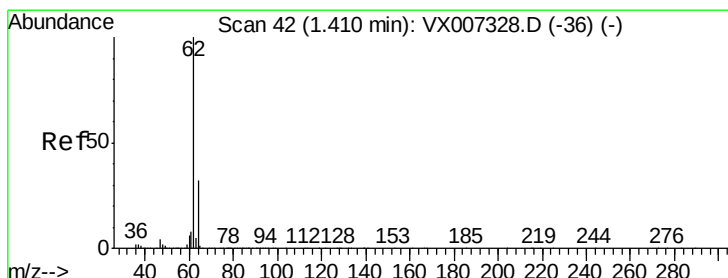
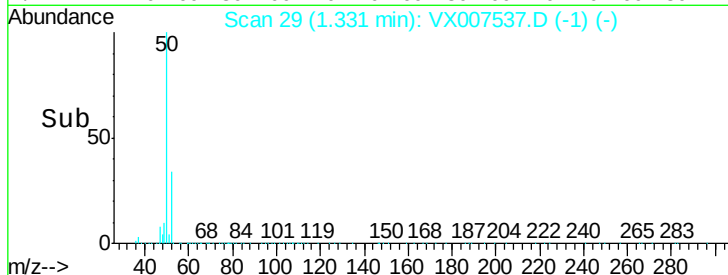
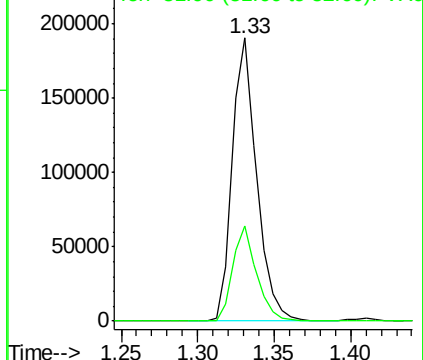
50 100

52 33.8 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: 45.839 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007537.D

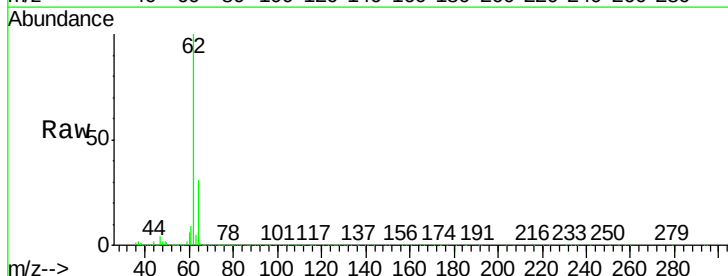
Acq: 14 Feb 2019 11:07

Tgt Ion: 62 Resp: 231957

Ion Ratio Lower Upper

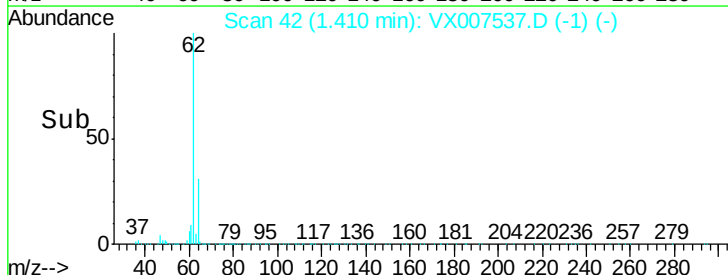
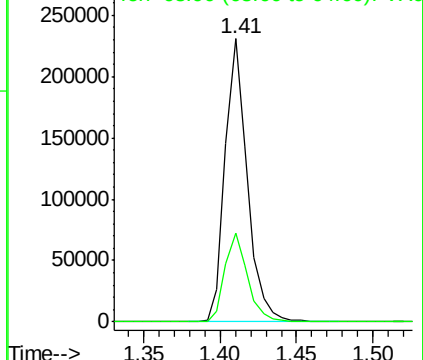
62 100

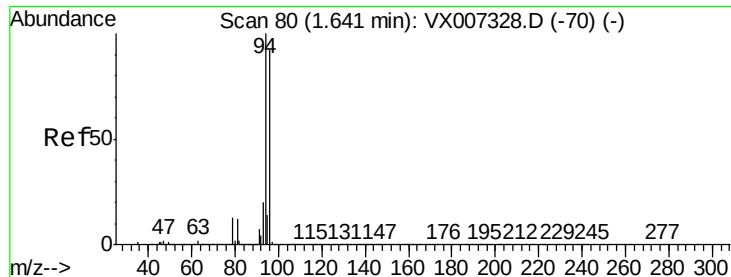
64 31.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.094 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

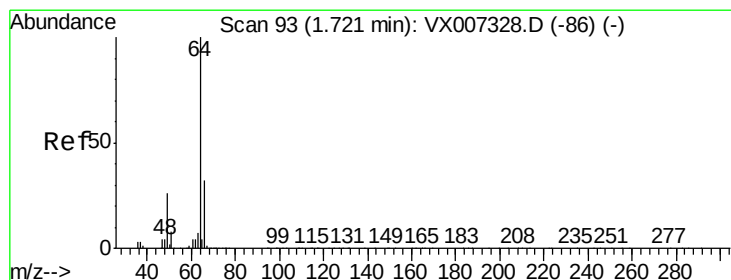
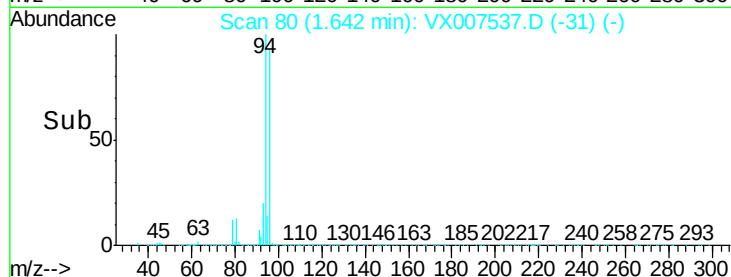
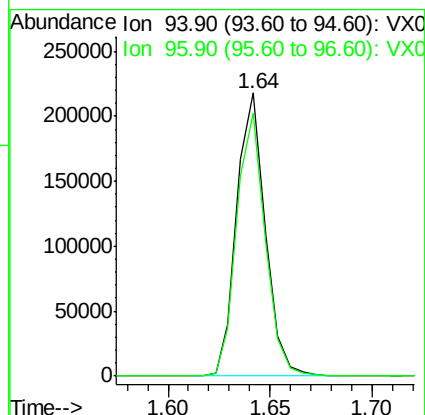
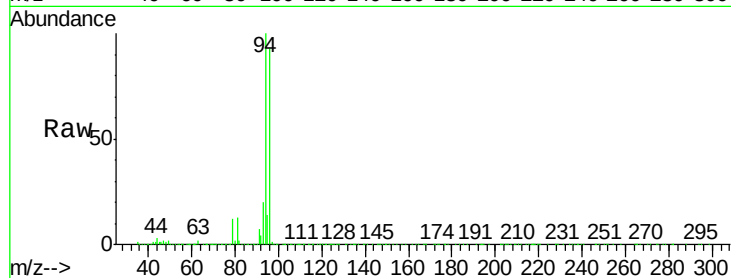
VSTDCCC050

Tot Ion: 94 Resp: 211002

Ion Ratio Lower Upper

94 100

96 92.7 73.9 110.9



#6

Chloroethane

Concen: 45.446 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007537.D

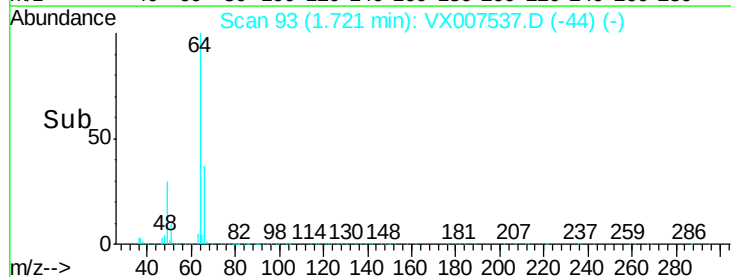
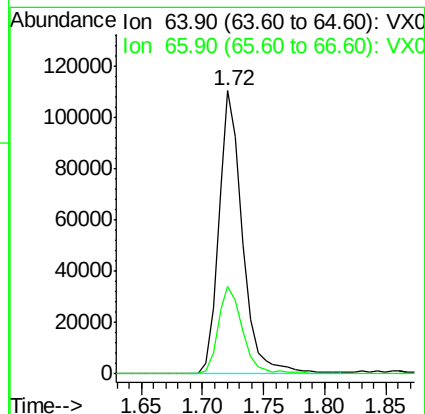
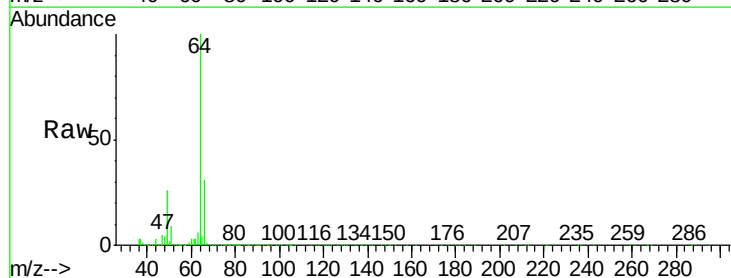
Acq: 14 Feb 2019 11:07

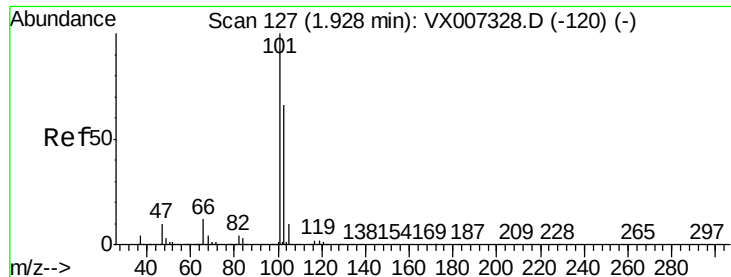
Tgt Ion: 64 Resp: 148764

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3



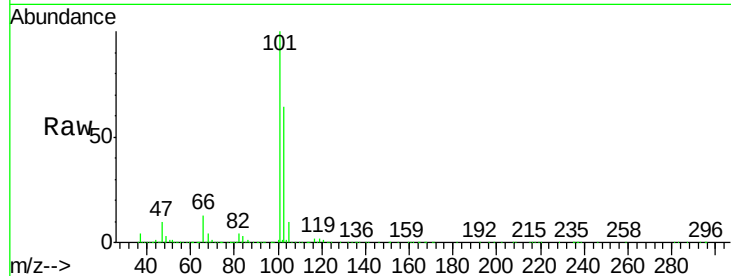


#7

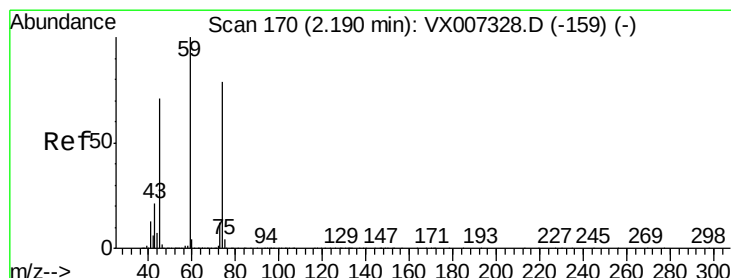
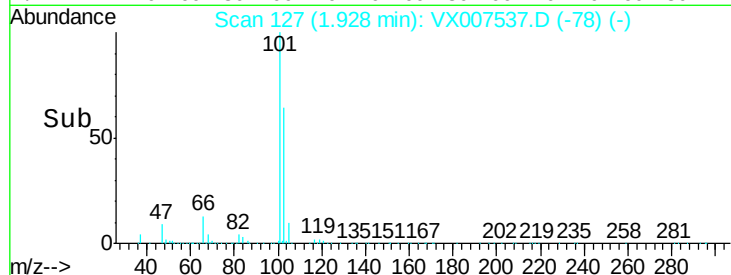
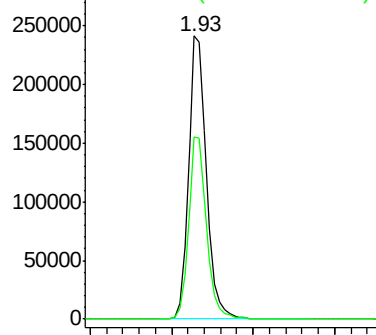
Trichlorofluoromethane
Concen: 46.824 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:101 Resp: 370653
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0



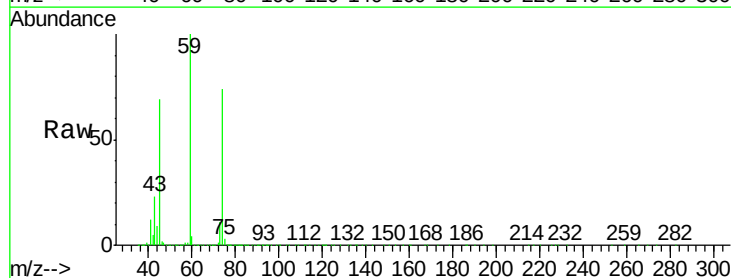
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



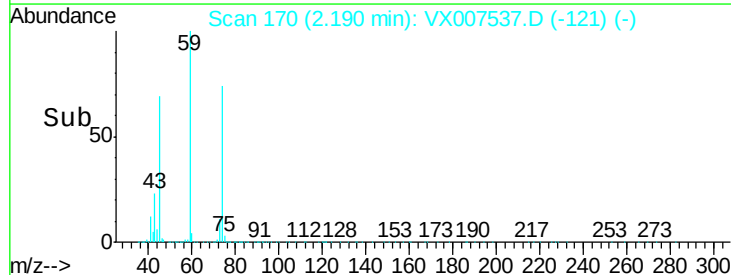
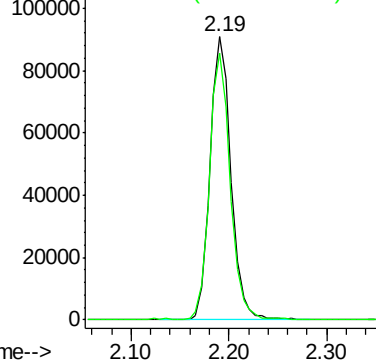
#8

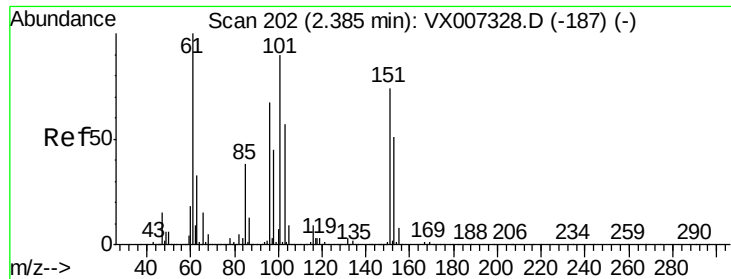
Diethyl Ether
Concen: 45.335 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion: 74 Resp: 135073
Ion Ratio Lower Upper
74 100
45 92.3 45.7 137.1



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.034 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

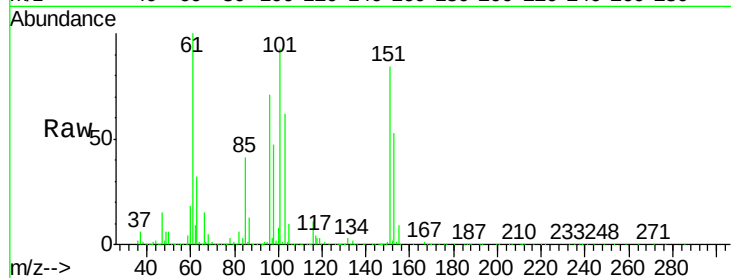
Tot Ion:101 Resp: 216758

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

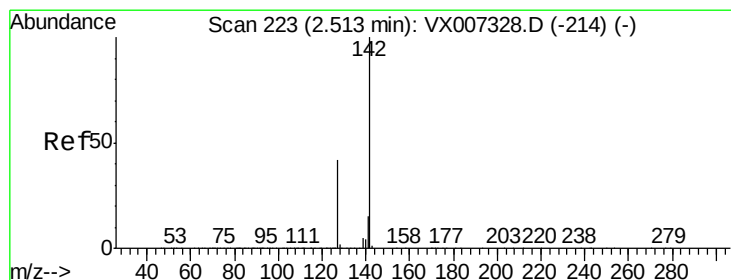
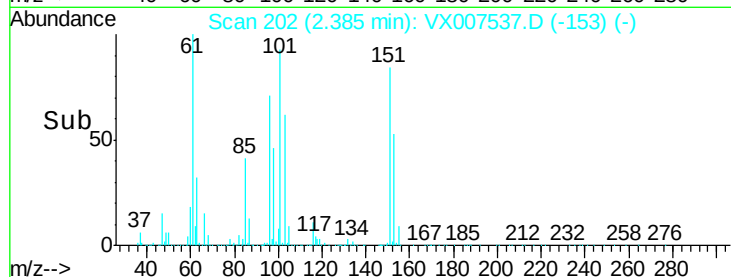
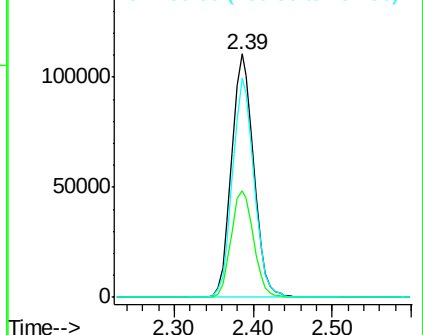
151 88.1 69.9 104.9



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: 40.461 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

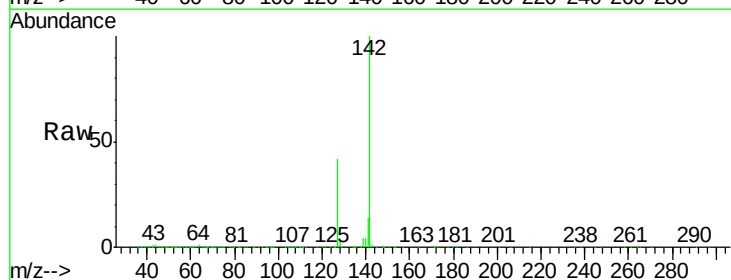
Tgt Ion:142 Resp: 280257

Ion Ratio Lower Upper

142 100

127 43.1 33.7 50.5

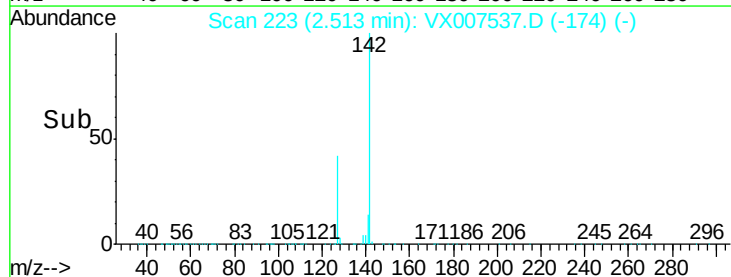
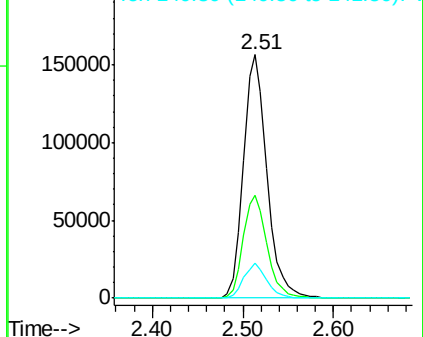
141 14.4 11.3 16.9

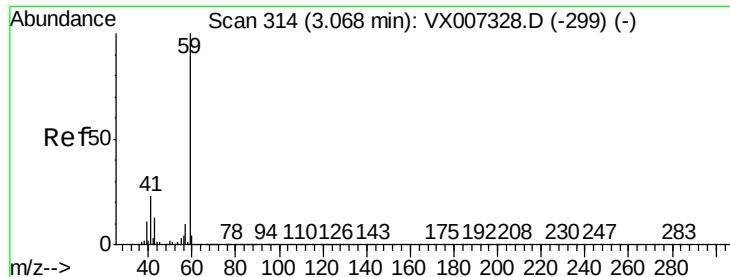


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



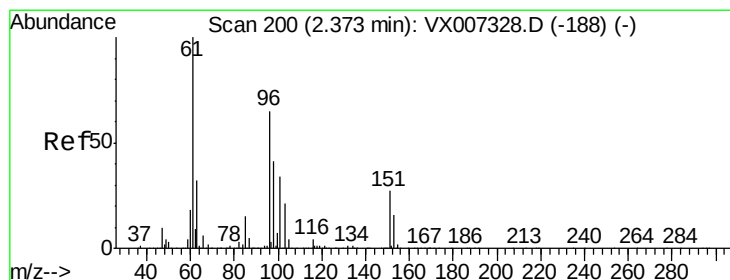
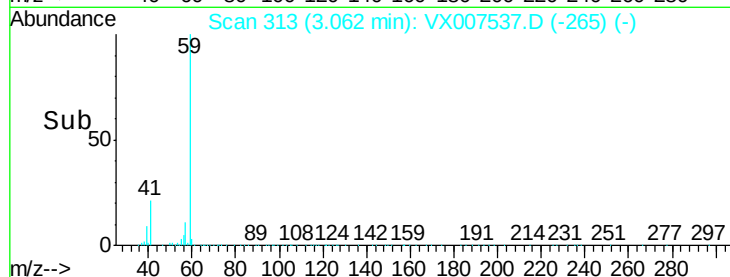
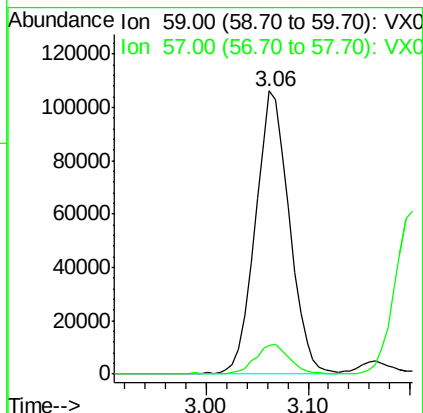
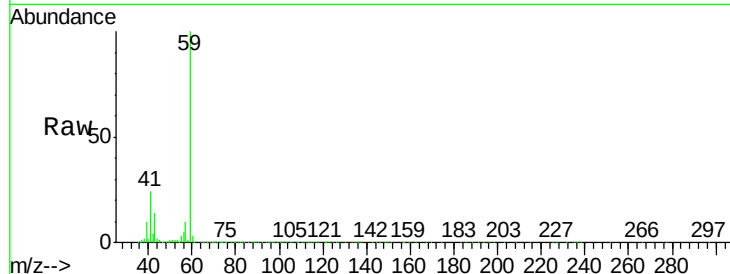


#11

Tert butyl alcohol
 Concen: 243.814 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

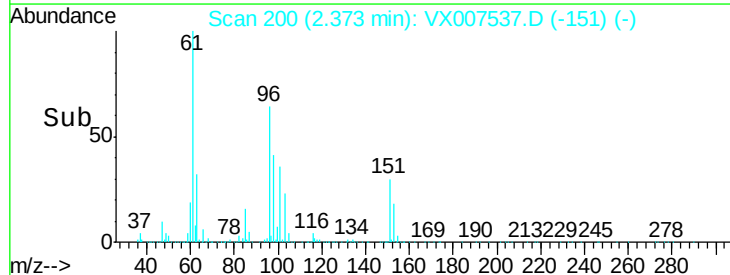
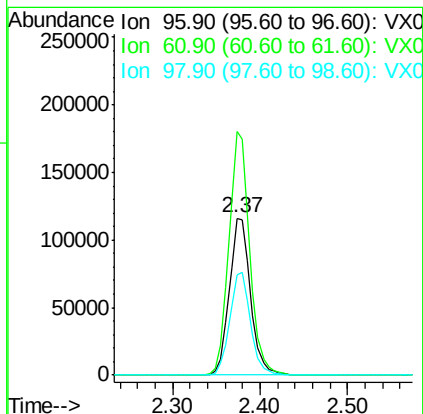
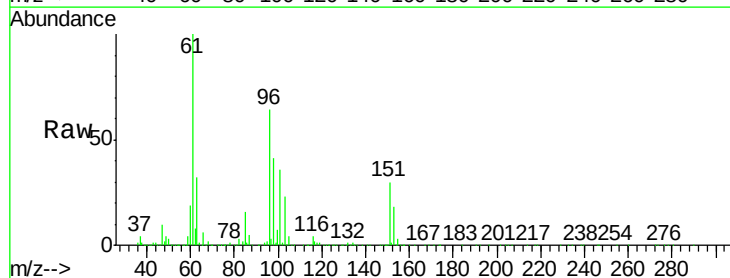
Tot Ion: 59 Resp: 245258
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.1 12.1

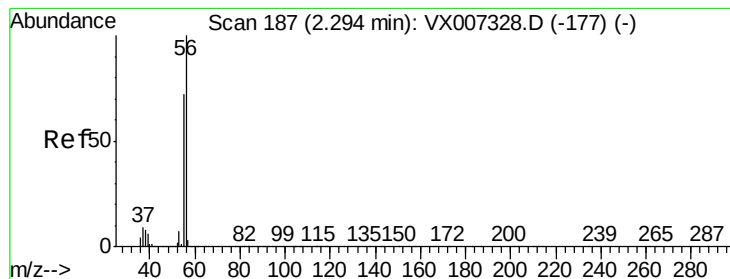


#12

1,1-Dichloroethene
 Concen: 44.586 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Tgt Ion: 96 Resp: 194951
 Ion Ratio Lower Upper
 96 100
 61 155.5 123.0 184.4
 98 64.0 50.9 76.3





#13

Acrolein

Concen: 234.176 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

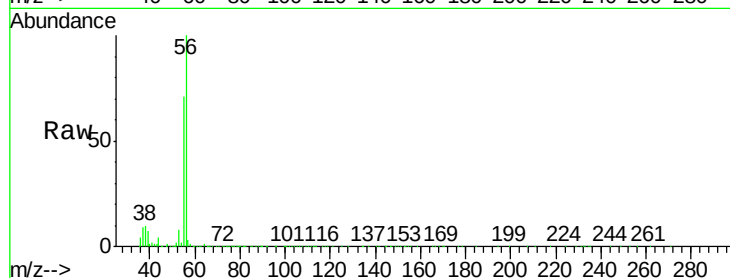
VSTDCCC050

Tot Ion: 56 Resp: 110462

Ion Ratio Lower Upper

56 100

55 73.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

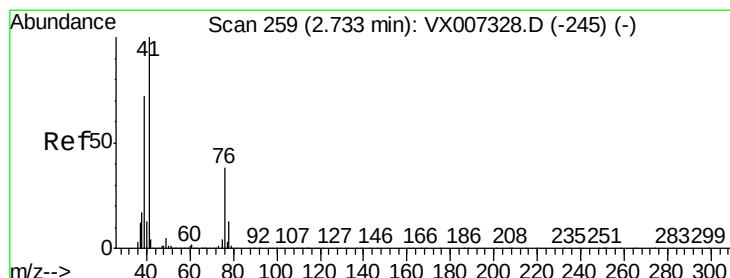
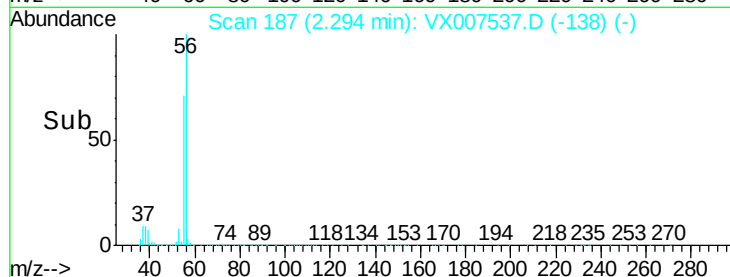
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 47.015 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

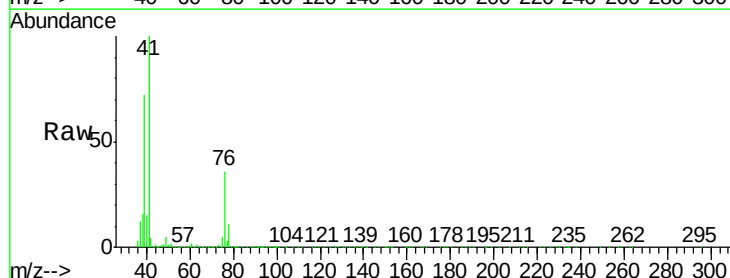
Tgt Ion: 41 Resp: 334951

Ion Ratio Lower Upper

41 100

39 67.8 54.1 81.1

76 33.8 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

200000

150000

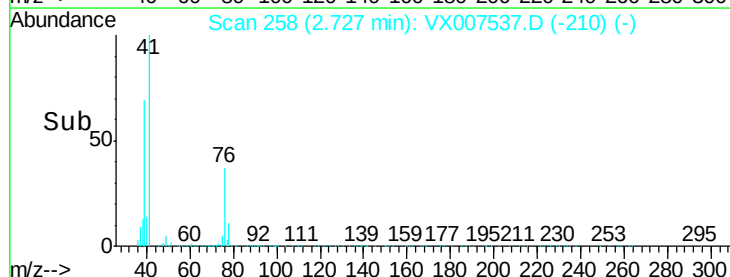
100000

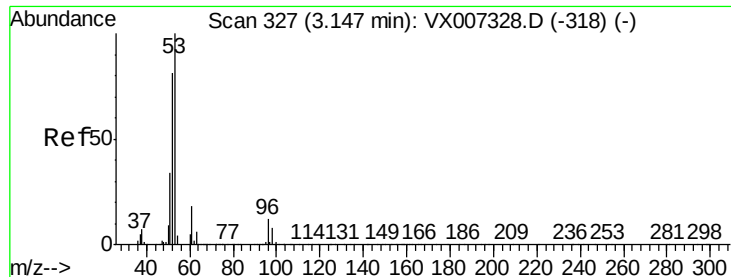
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 237.681 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

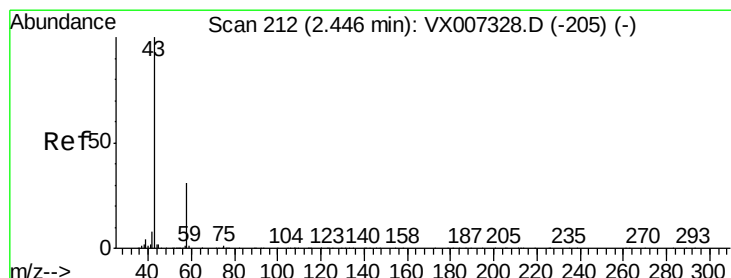
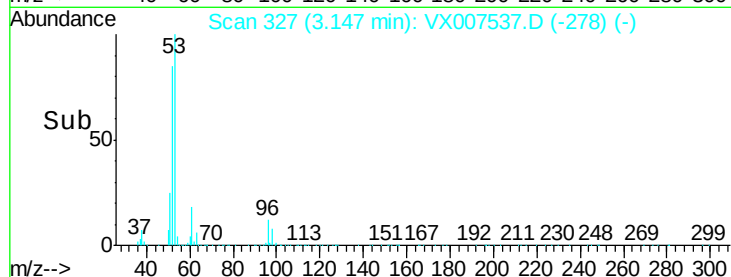
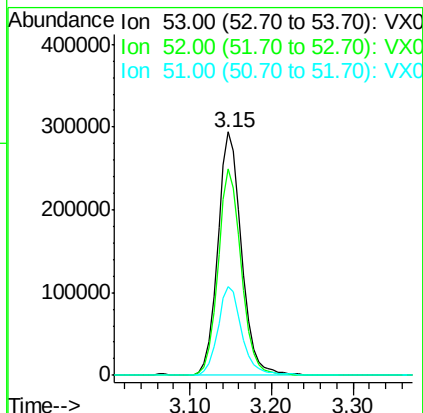
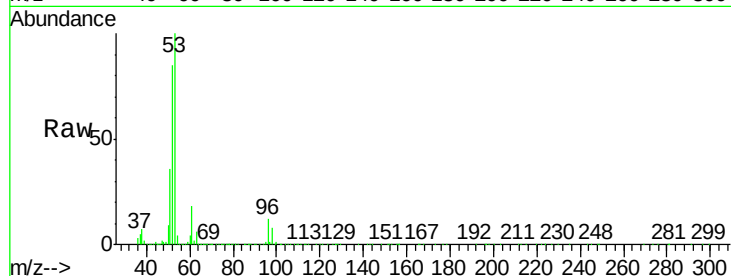
Tot Ion: 53 Resp: 591458

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 36.7 28.4 42.6



#16

Acetone

Concen: 276.618 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007537.D

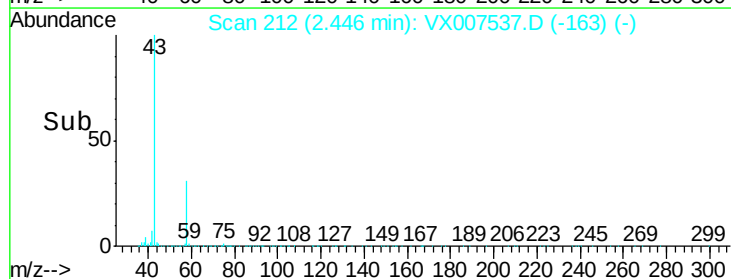
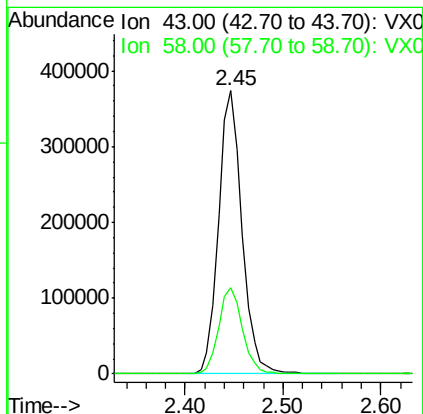
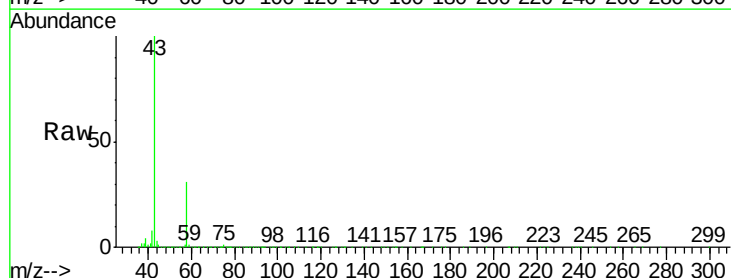
Acq: 14 Feb 2019 11:07

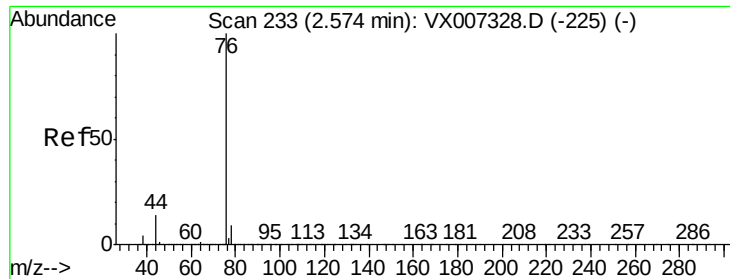
Tgt Ion: 43 Resp: 615906

Ion Ratio Lower Upper

43 100

58 30.7 24.9 37.3





#17

Carbon Disulfide

Concen: 42.419 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

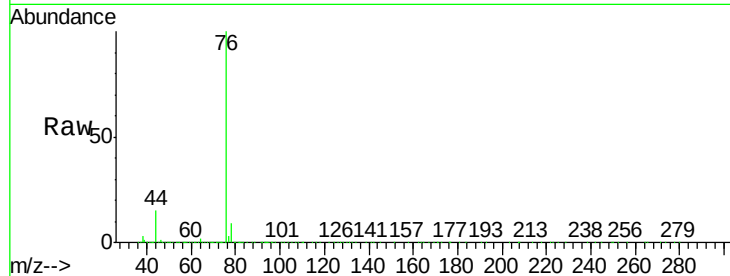
VSTDCCC050

Tot Ion: 76 Resp: 481157

Ion Ratio Lower Upper

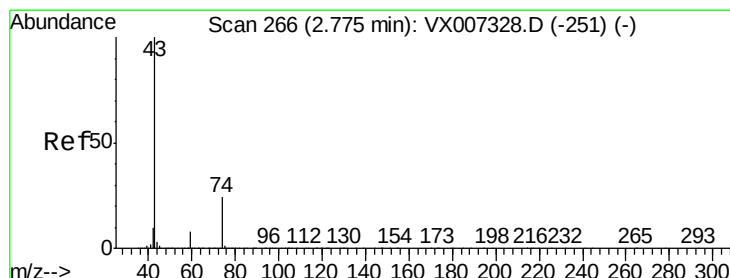
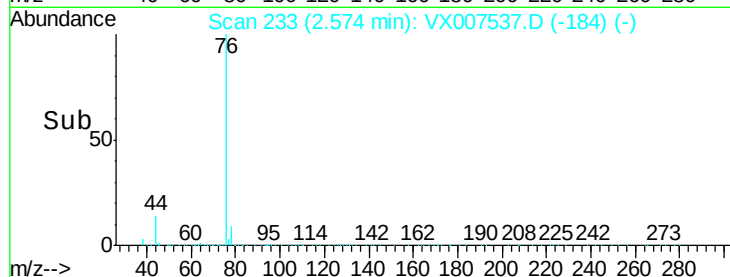
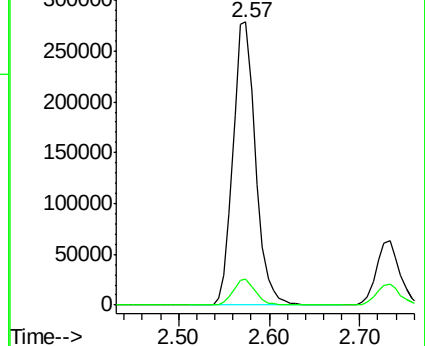
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.987 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007537.D

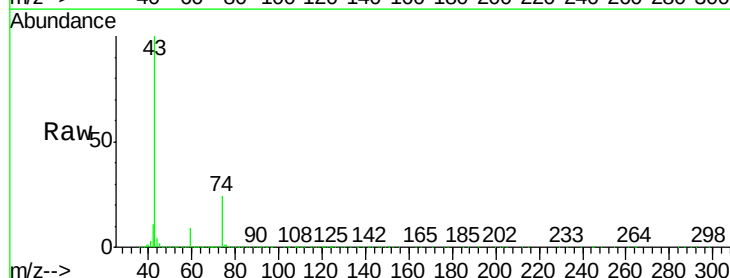
Acq: 14 Feb 2019 11:07

Tgt Ion: 43 Resp: 325213

Ion Ratio Lower Upper

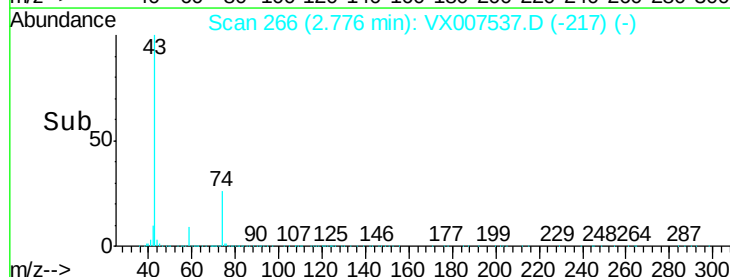
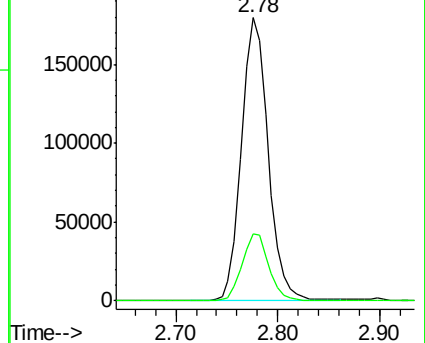
43 100

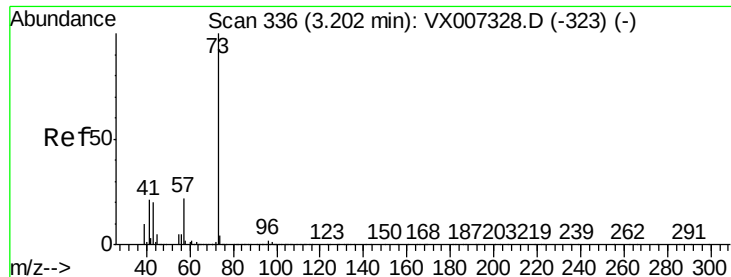
74 23.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

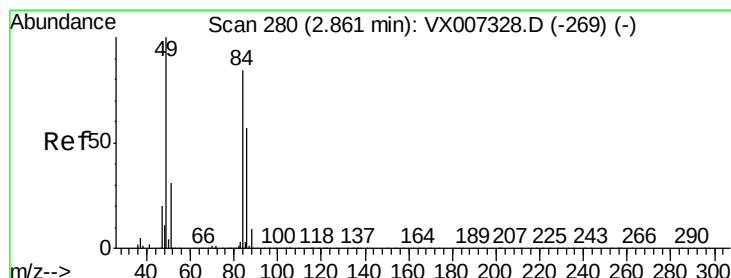
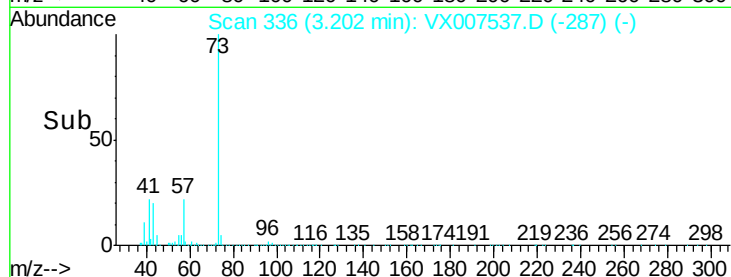
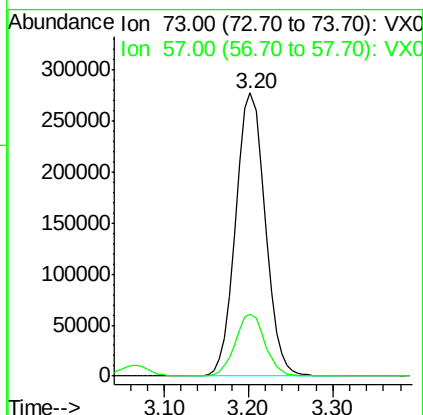
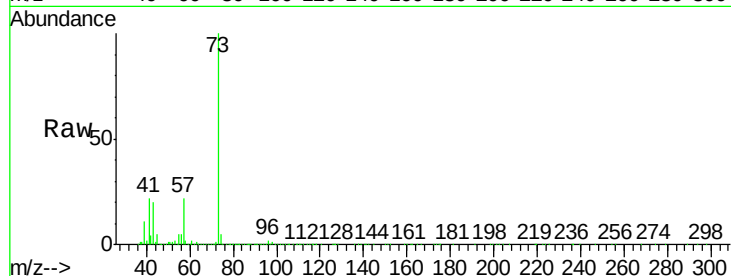




#19
Methyl tert-butyl Ether
Concen: 46.319 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

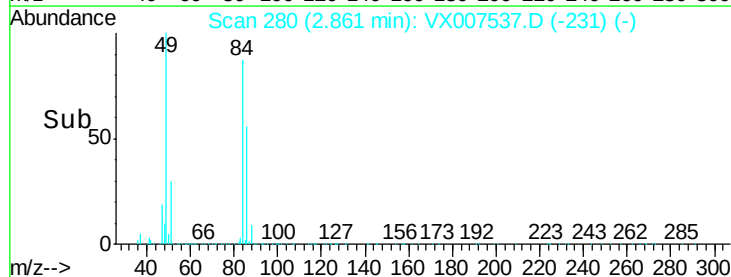
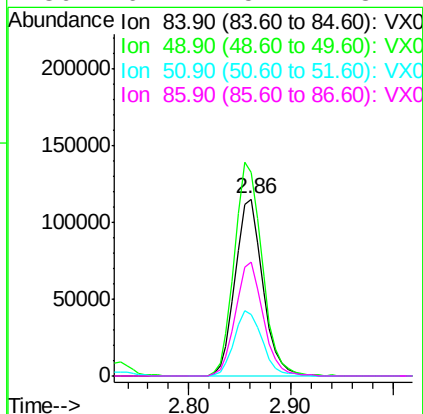
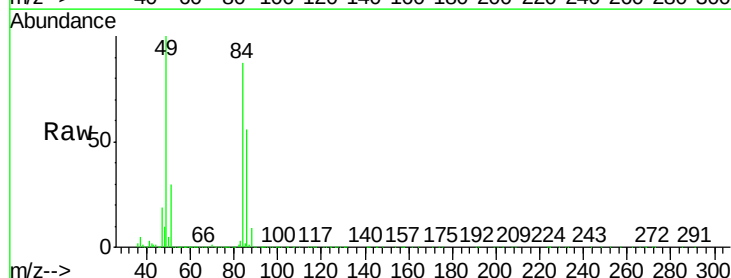
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

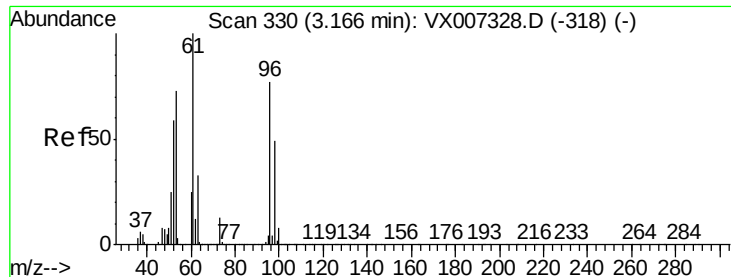
Tot Ion: 73 Resp: 656124
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 47.516 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion: 84 Resp: 216189
Ion Ratio Lower Upper
84 100
49 115.2 94.8 142.2
51 34.9 29.8 44.8
86 64.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 43.579 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

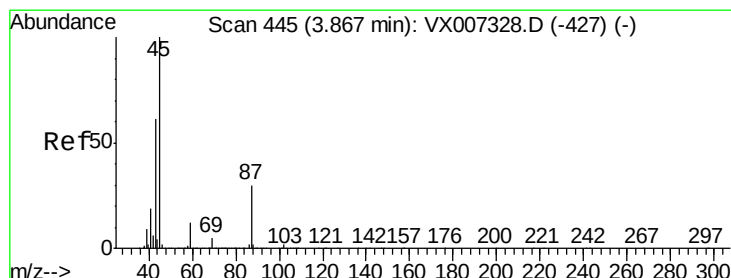
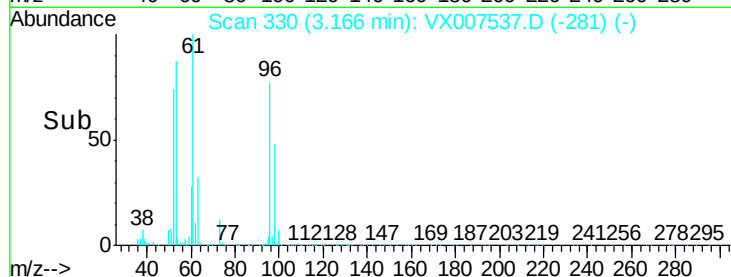
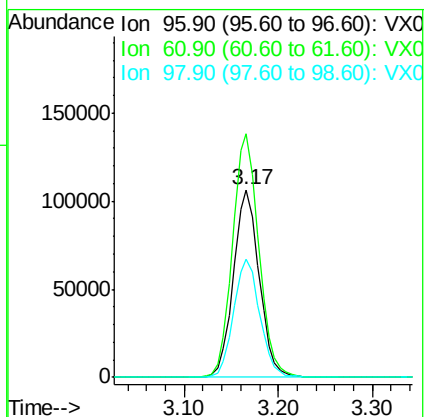
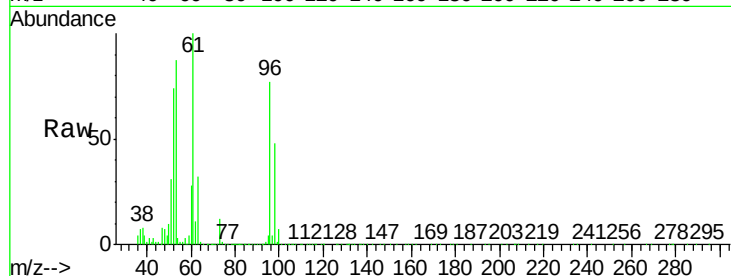
Tot Ion: 96 Resp: 202981

Ion Ratio Lower Upper

96 100

61 129.4 104.6 156.8

98 62.7 51.0 76.4



#22

Diisopropyl ether

Concen: 48.744 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Tgt Ion: 45 Resp: 638774

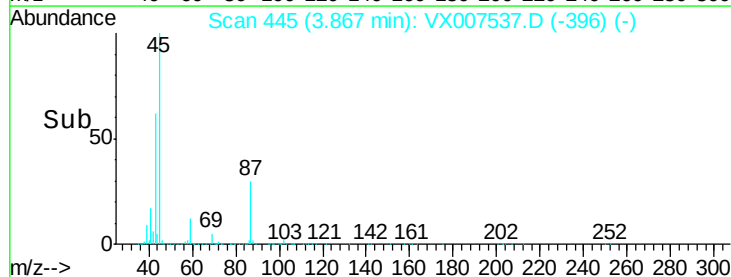
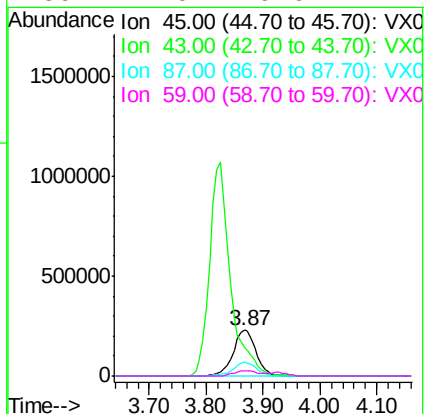
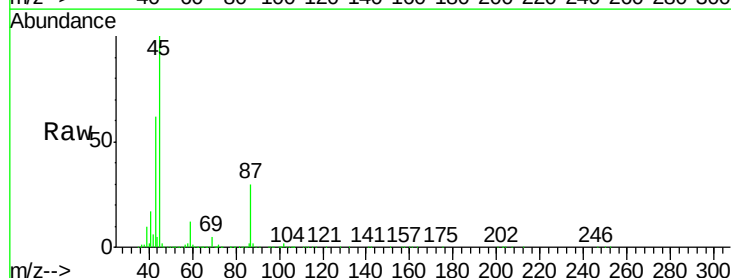
Ion Ratio Lower Upper

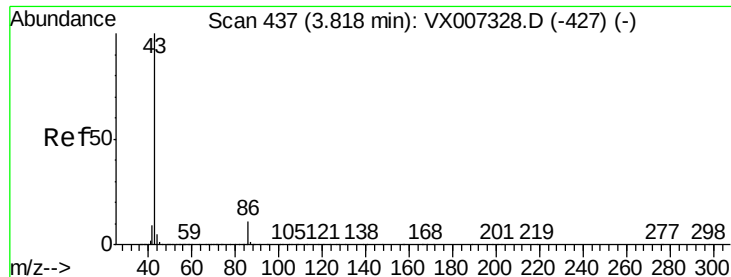
45 100

43 61.5 48.9 73.3

87 30.1 23.9 35.9

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 252.465 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

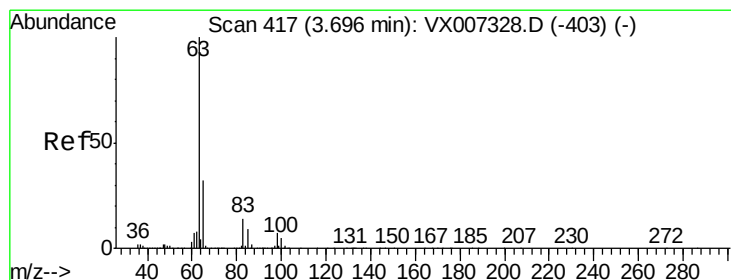
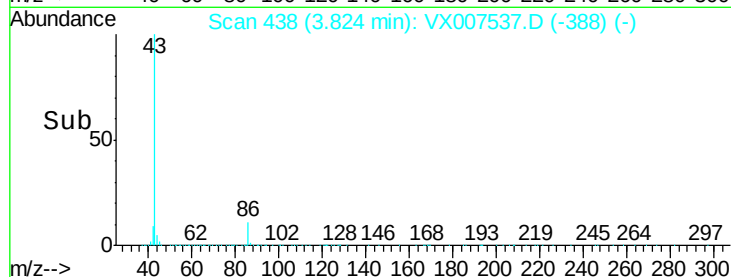
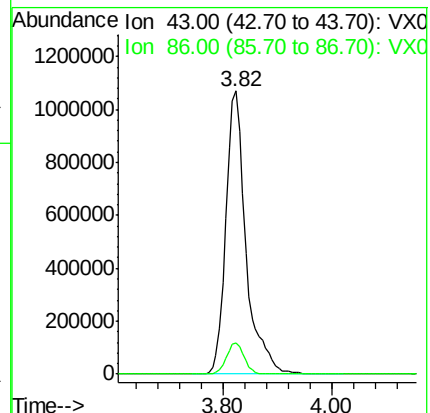
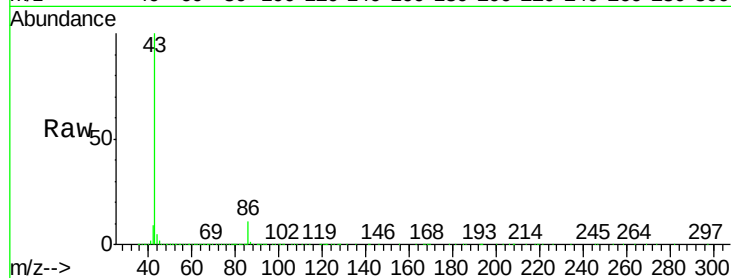
VSTDCCC050

Tot Ion: 43 Resp: 2745458

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.112 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

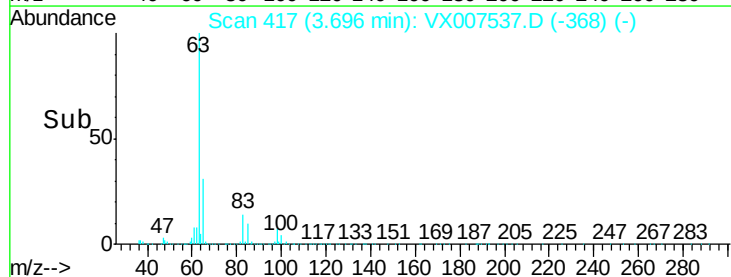
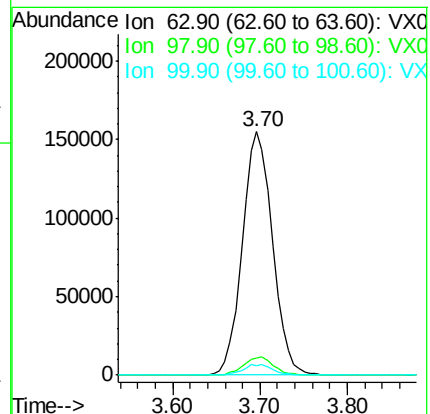
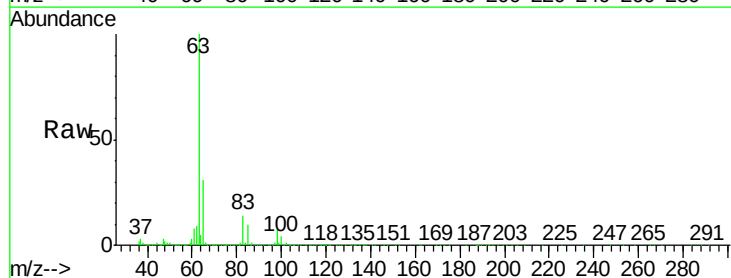
Tgt Ion: 63 Resp: 369604

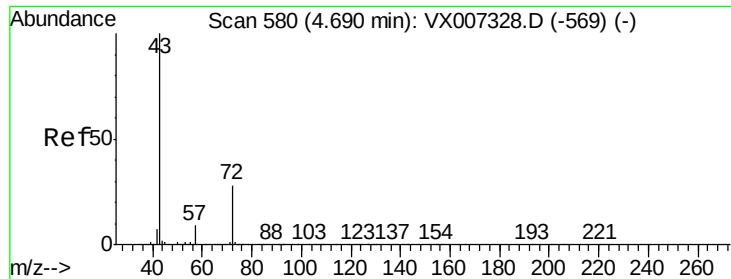
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 3.8 2.5 7.4





#25

2-Butanone

Concen: 266.977 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

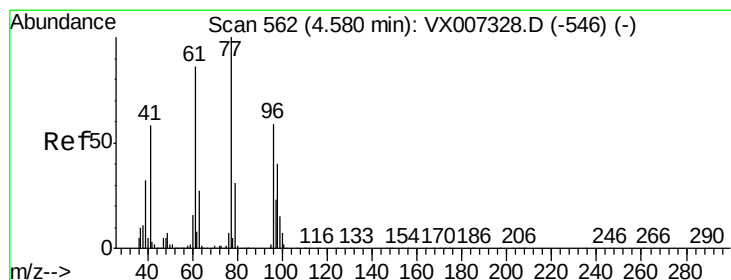
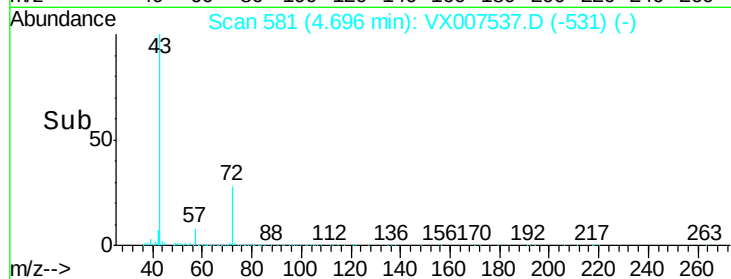
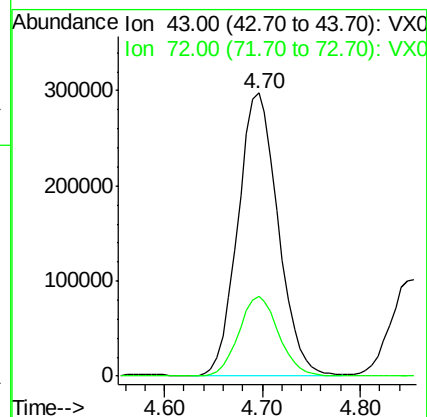
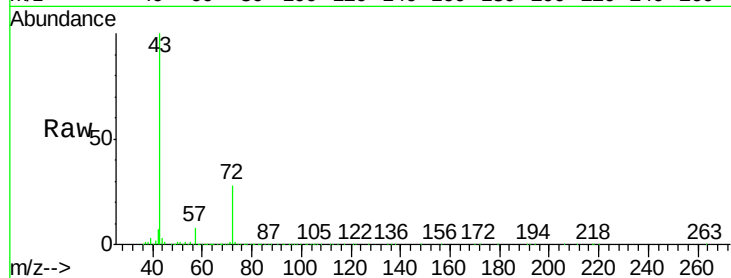
VSTDCCC050

Tot Ion: 43 Resp: 845958

Ion Ratio Lower Upper

43 100

72 28.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 49.308 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX007537.D

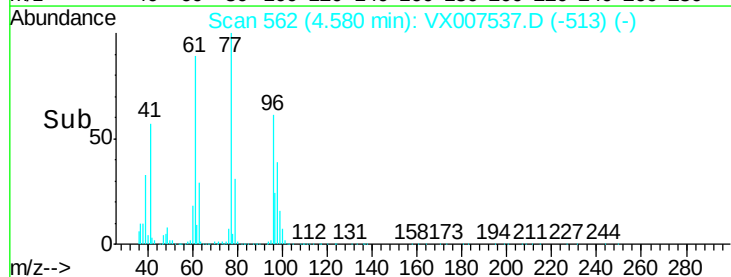
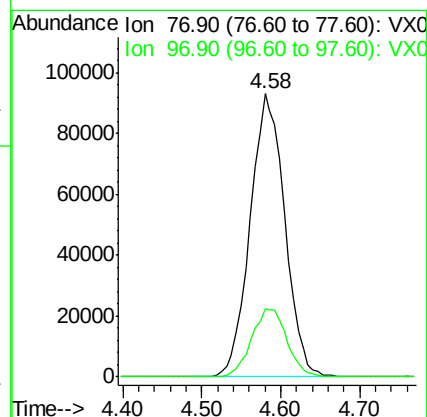
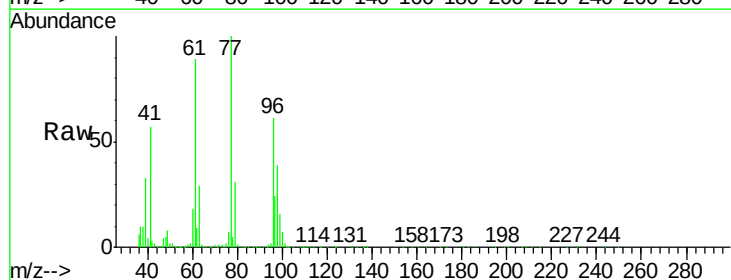
Acq: 14 Feb 2019 11:07

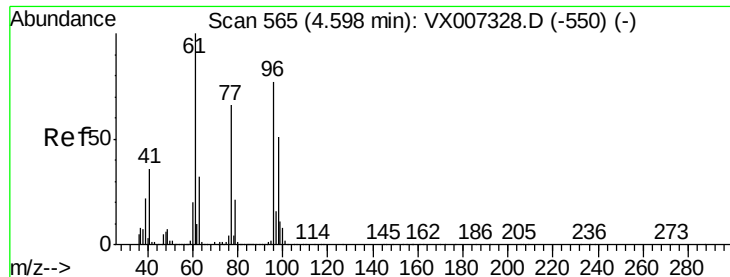
Tgt Ion: 77 Resp: 282600

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3



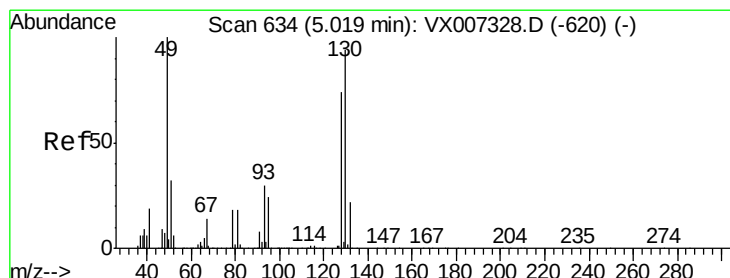
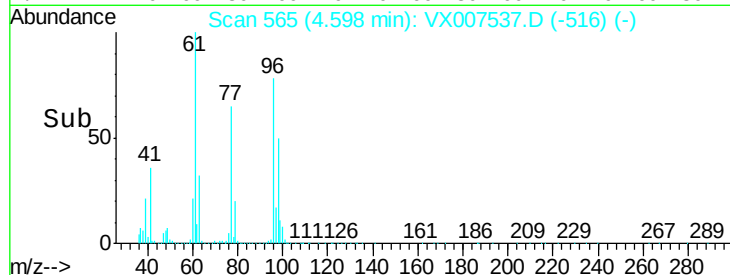
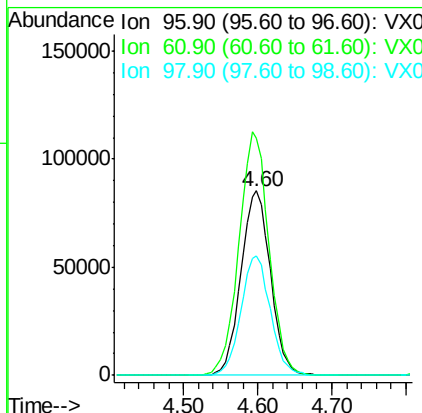
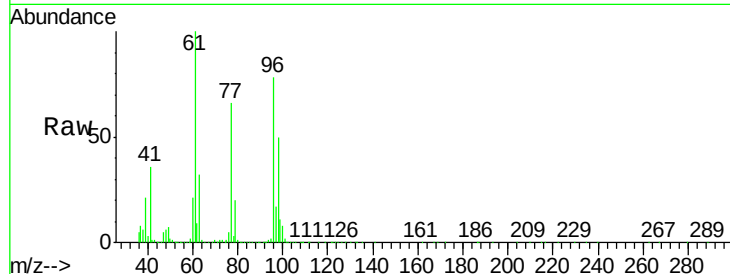


#27

cis-1,2-Dichloroethene
Concen: 46.820 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

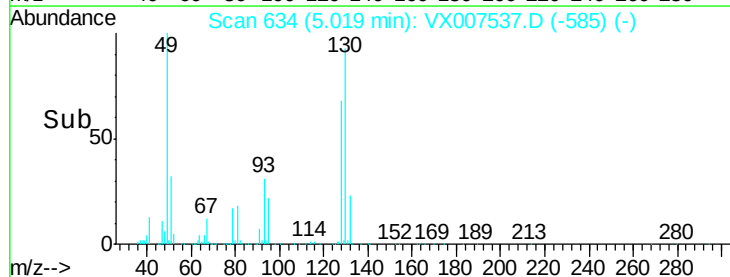
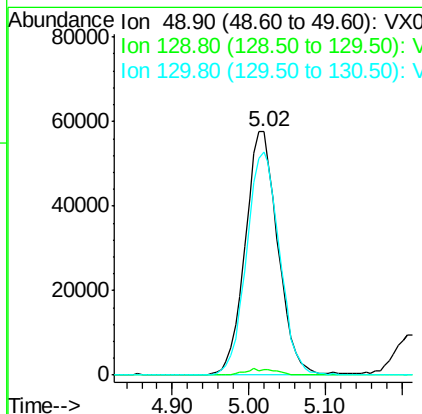
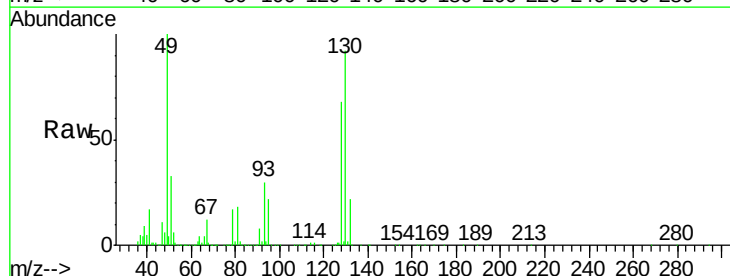
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	265.6
98	64.5	0.0	131.6

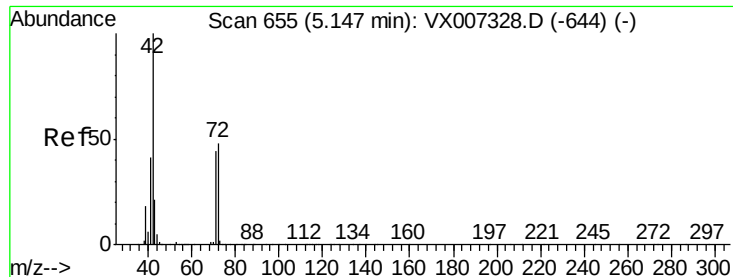


#28

Bromochloromethane
Concen: 49.301 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	93.0	75.6	113.4

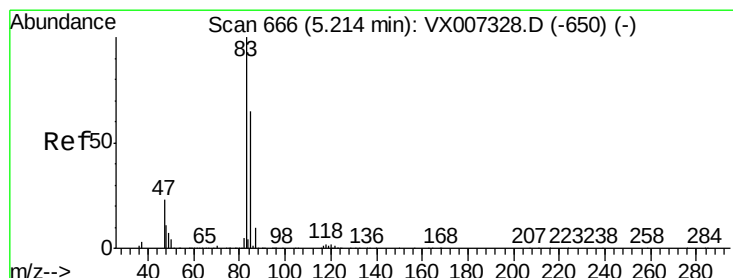
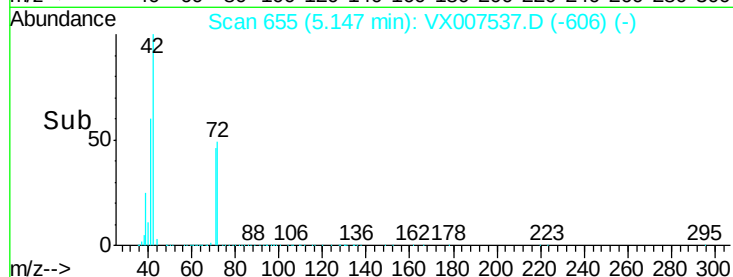
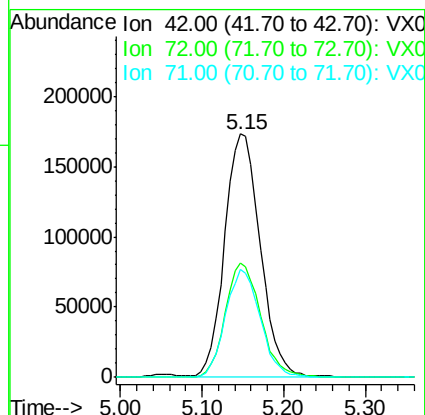
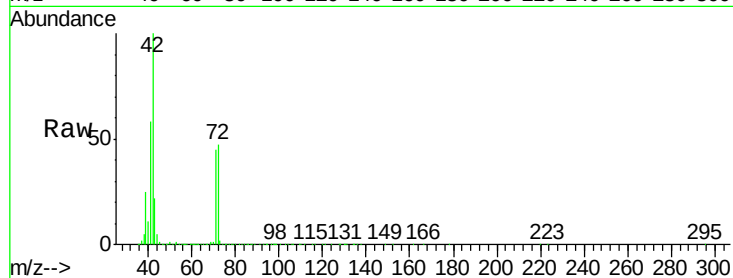




#29
Tetrahydrofuran
Concen: 262.079 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

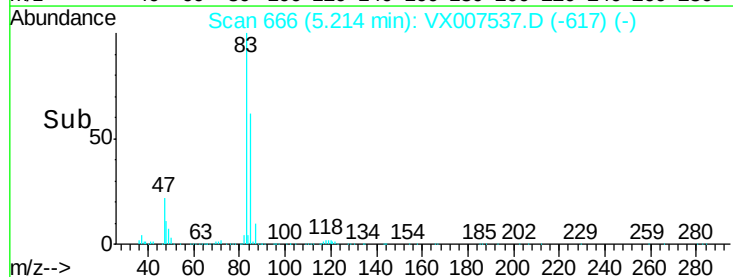
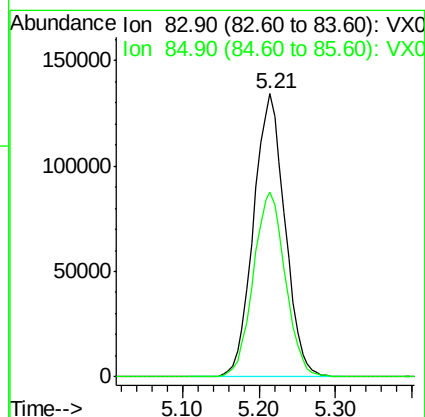
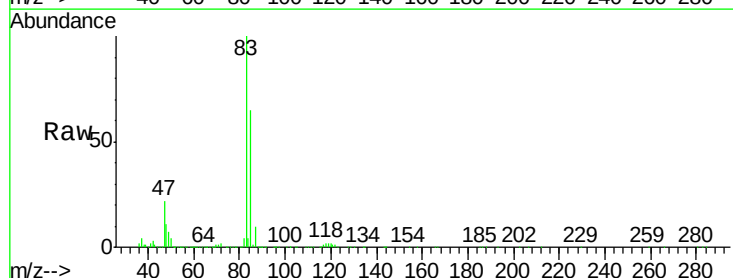
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

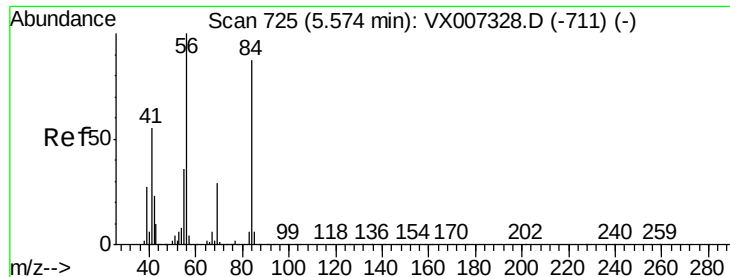
Tot Ion: 42 Resp: 522288
Ion Ratio Lower Upper
42 100
72 46.8 37.6 56.4
71 43.5 34.6 51.8



#30
Chloroform
Concen: 48.909 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion: 83 Resp: 384083
Ion Ratio Lower Upper
83 100
85 65.4 51.6 77.4

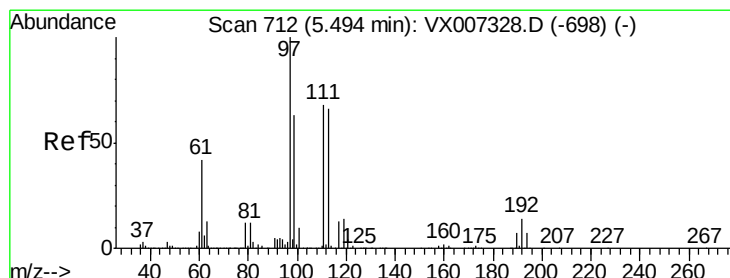
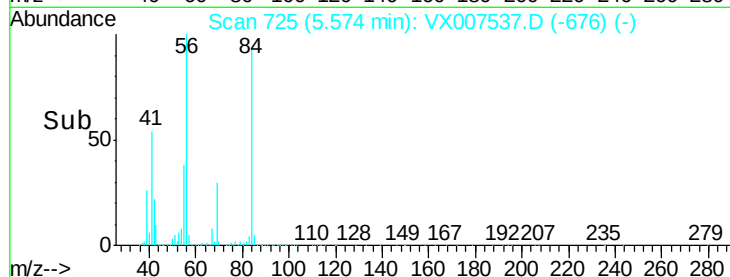
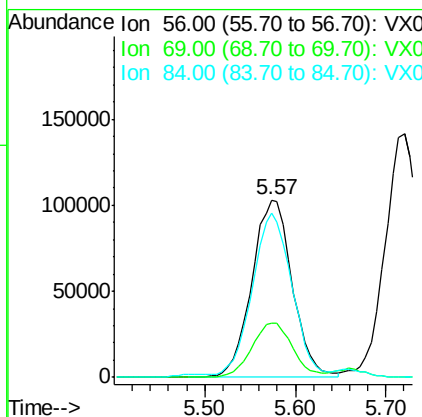
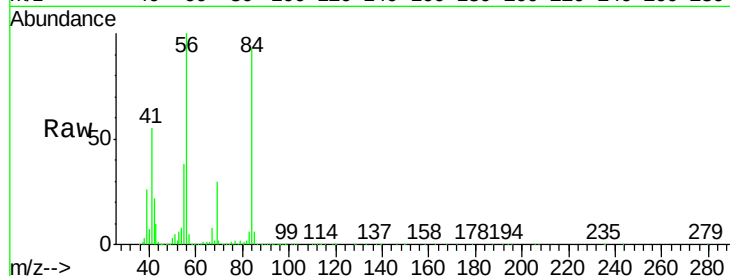




#31
Cyclohexane
Concen: 46.935 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

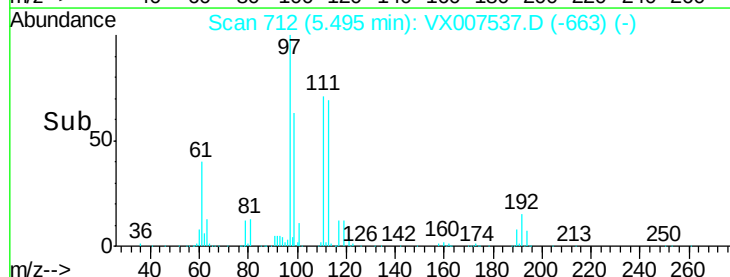
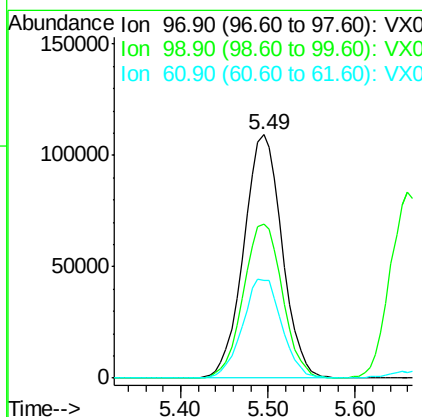
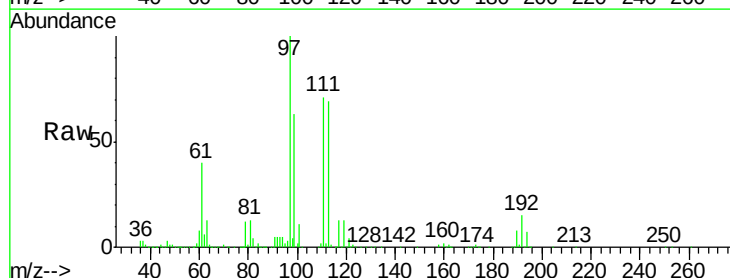
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

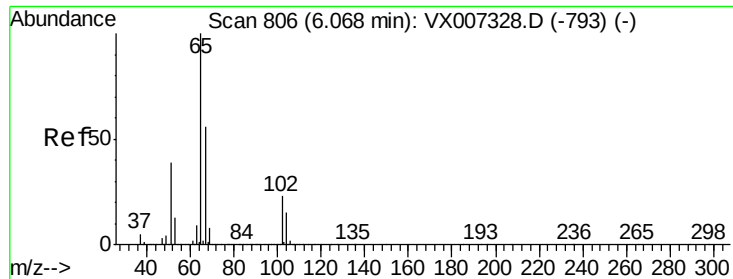
Tot Ion: 56 Resp: 317241
Ion Ratio Lower Upper
56 100
69 30.3 23.0 34.6
84 91.1 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 50.264 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion: 97 Resp: 333187
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 41.6 32.7 49.1

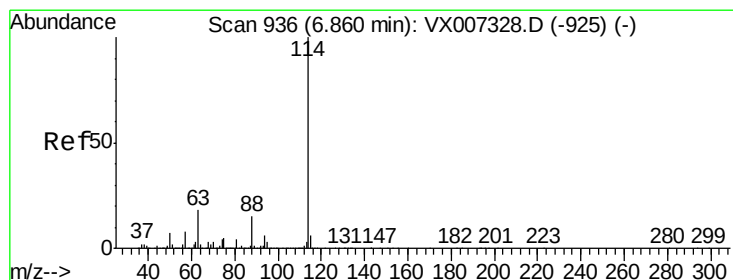
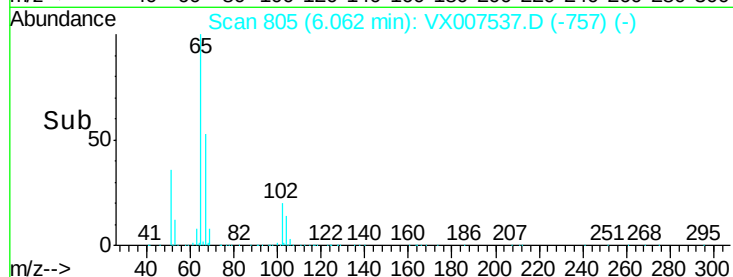
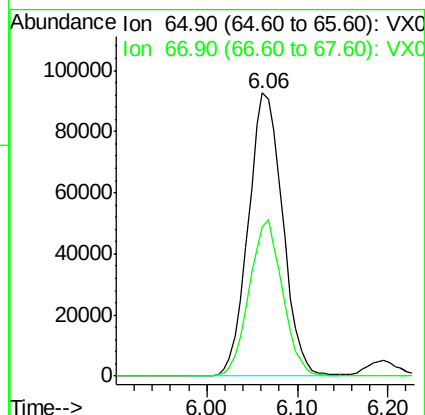
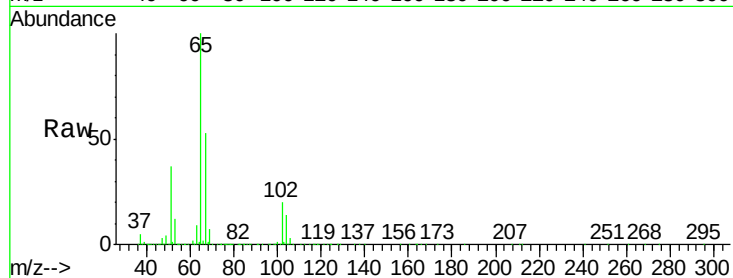




#33
 1,2-Dichloroethane-d4
 Concen: 50.093 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

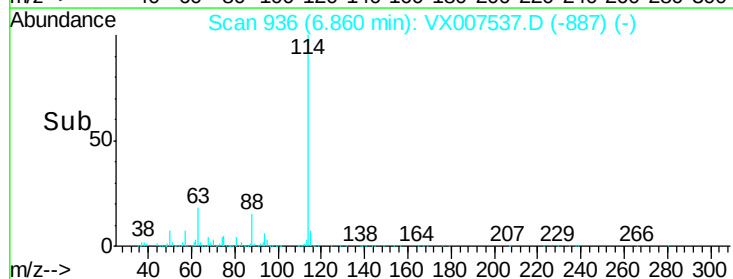
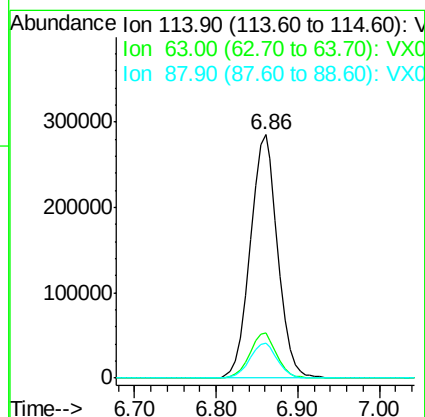
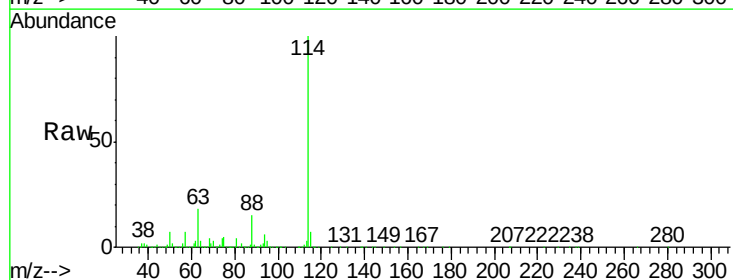
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

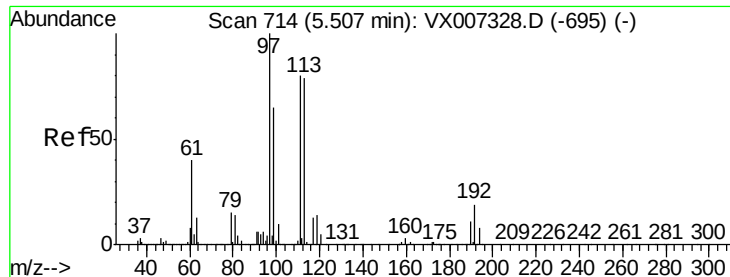
Tot Ion: 65 Resp: 243487
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Tgt Ion: 114 Resp: 667091
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.6
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.176 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

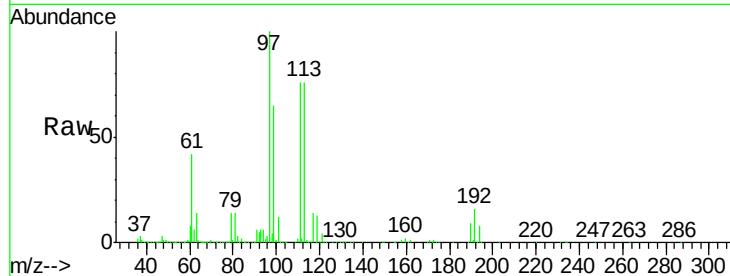
Tot Ion:113 Resp: 226470

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

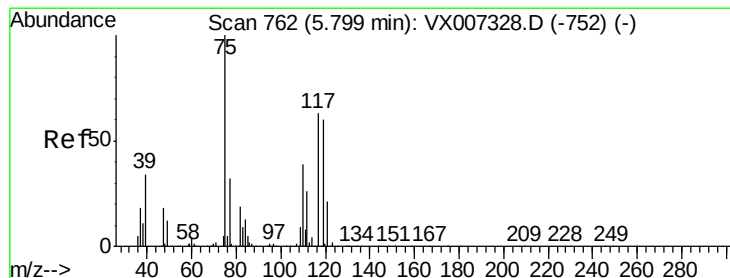
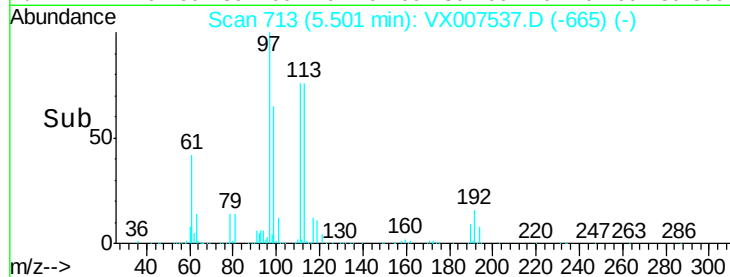
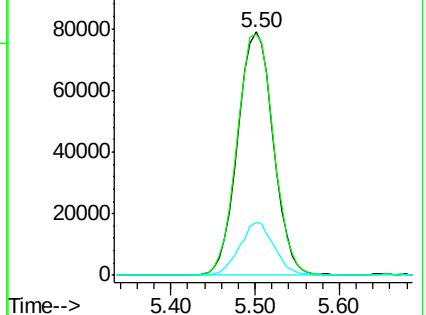
192 21.0 18.5 27.7



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: 45.951 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

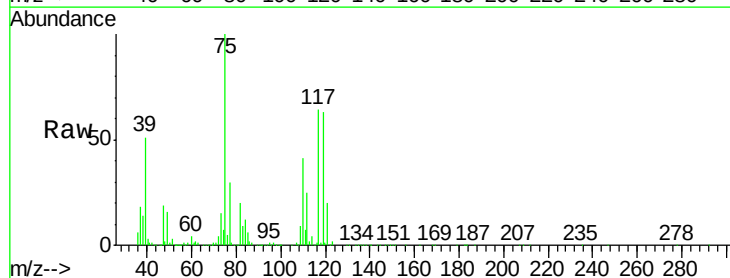
Tgt Ion: 75 Resp: 275037

Ion Ratio Lower Upper

75 100

110 40.7 20.0 59.9

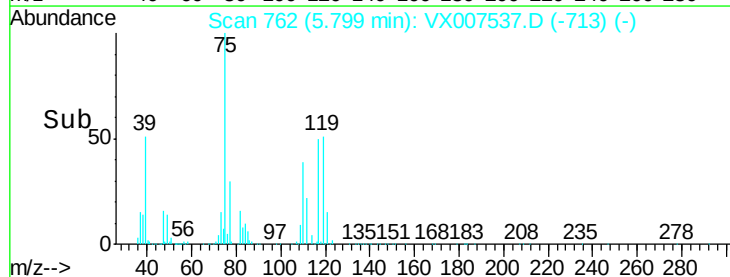
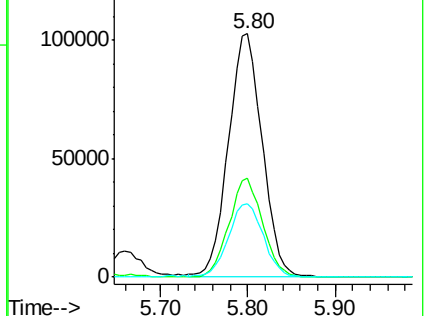
77 31.2 24.7 37.1

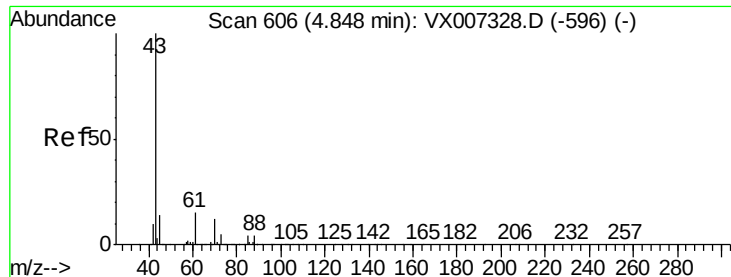


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

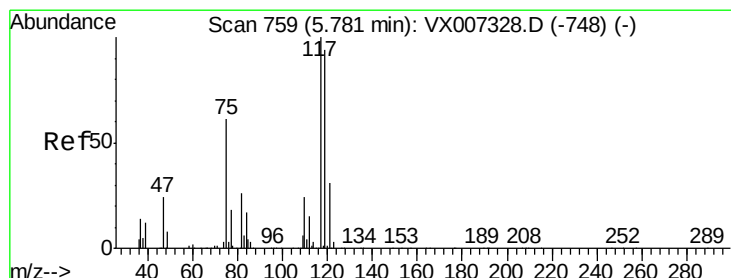
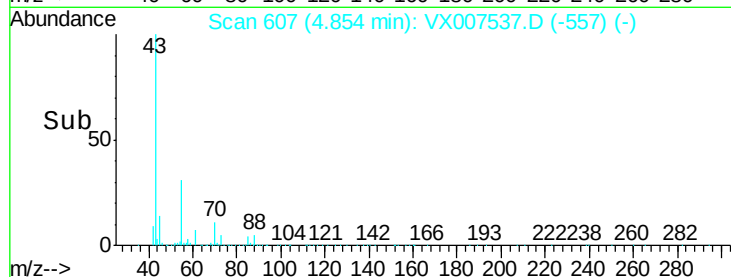
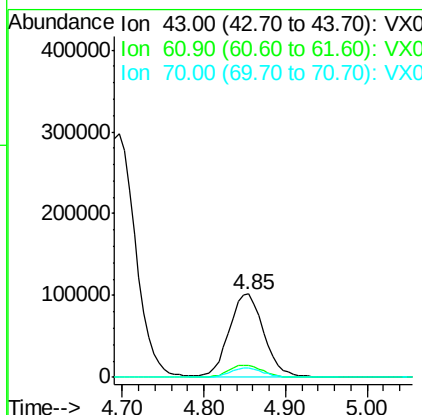
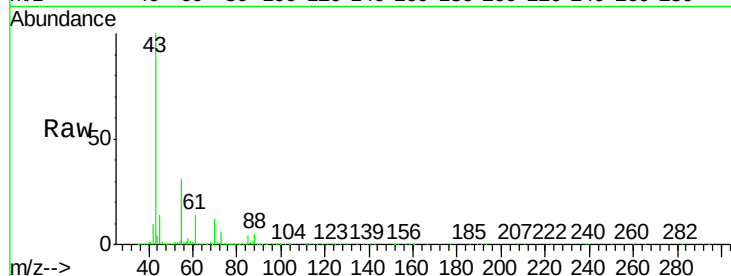




#37
Ethyl Acetate
Concen: 49.214 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

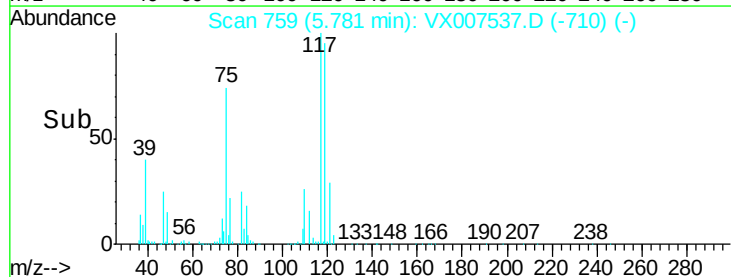
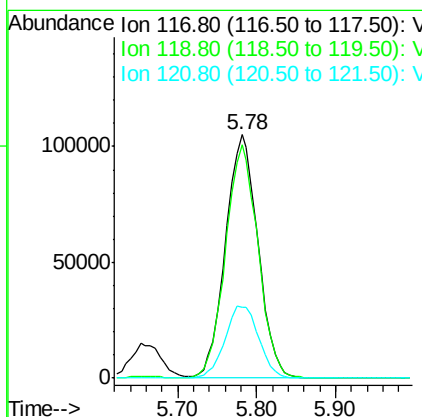
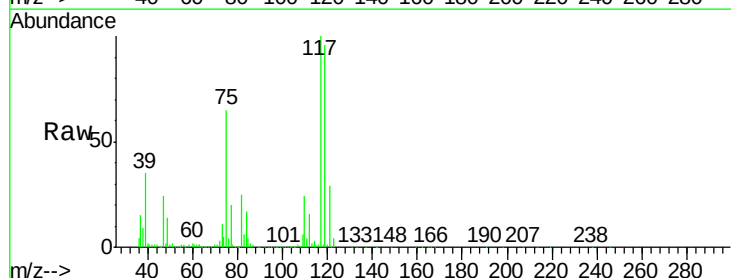
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

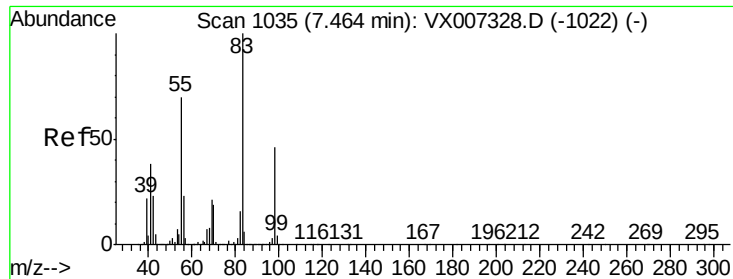
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	11.5	8.6	13.0



#38
Carbon Tetrachloride
Concen: 51.750 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.3	112.9
121	29.0	25.0	37.4

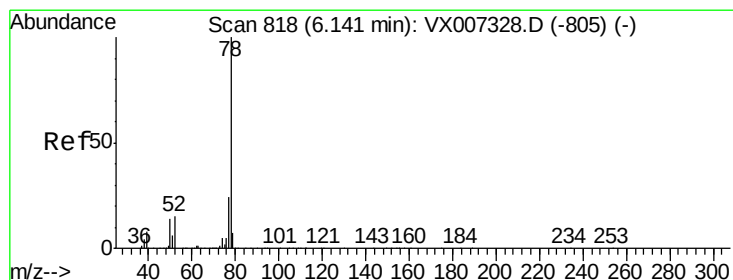
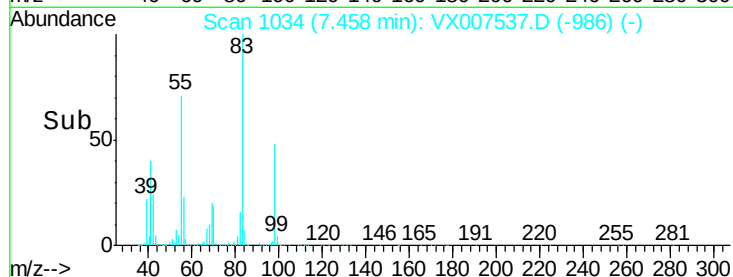
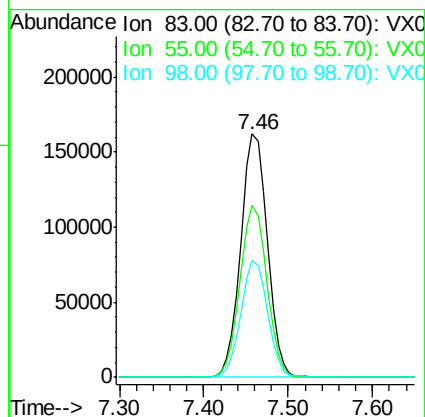
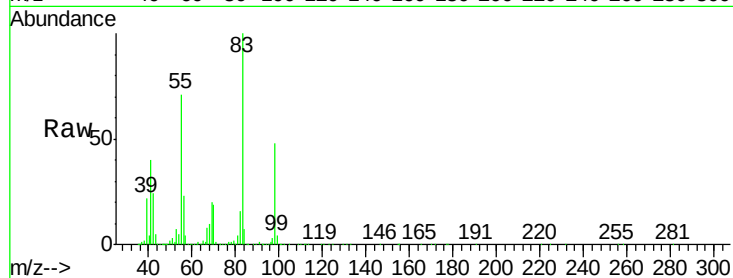




#39
Methylvlcyclohexane
Concen: 47.750 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

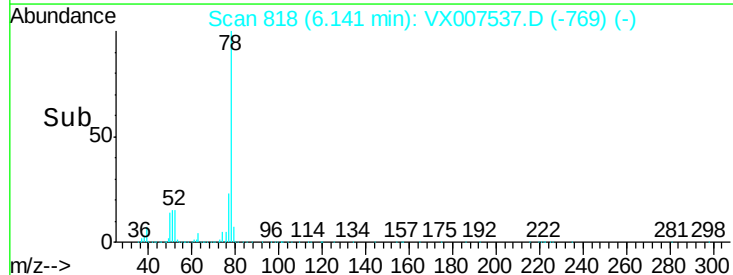
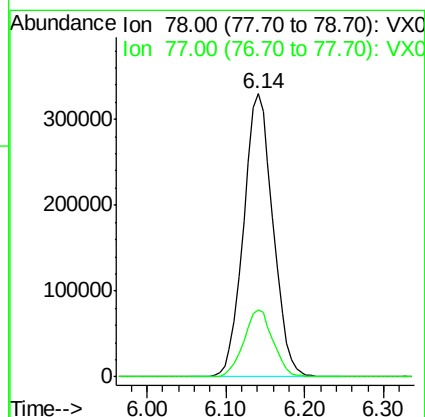
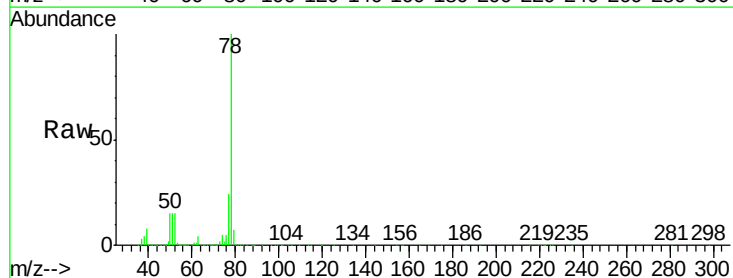
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

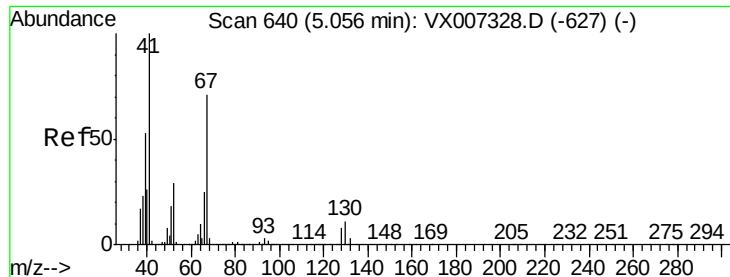
Tot Ion: 83 Resp: 345789
Ion Ratio Lower Upper
83 100
55 70.6 56.2 84.2
98 48.2 36.8 55.2



#40
Benzene
Concen: 48.550 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion: 78 Resp: 855989
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 52.022 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 168696

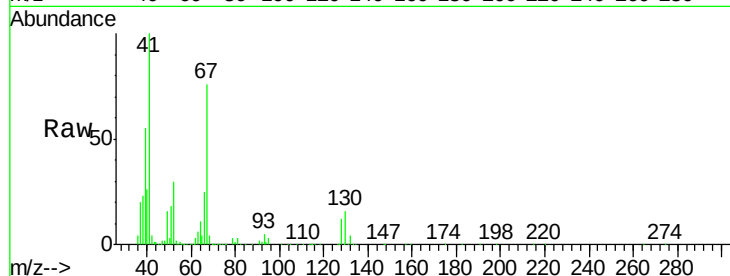
Ion Ratio Lower Upper

41 100

39 54.4 44.5 66.7

67 76.0 60.4 90.6

52 30.6 24.1 36.1

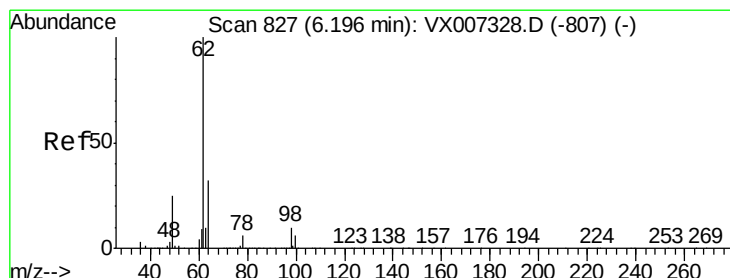
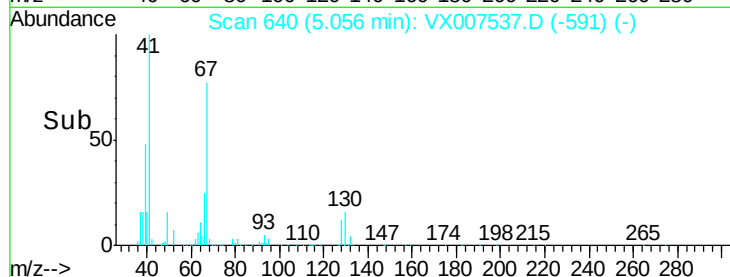
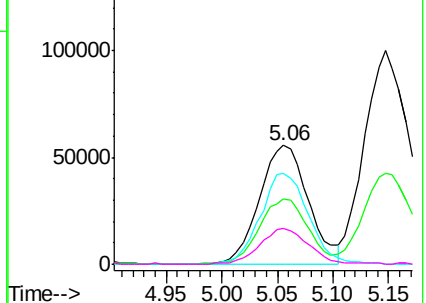


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.808 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007537.D

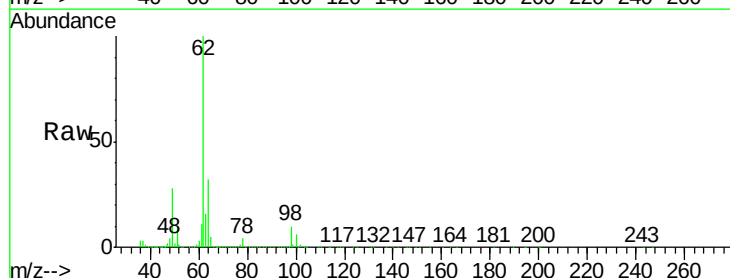
Acq: 14 Feb 2019 11:07

Tgt Ion: 62 Resp: 291640

Ion Ratio Lower Upper

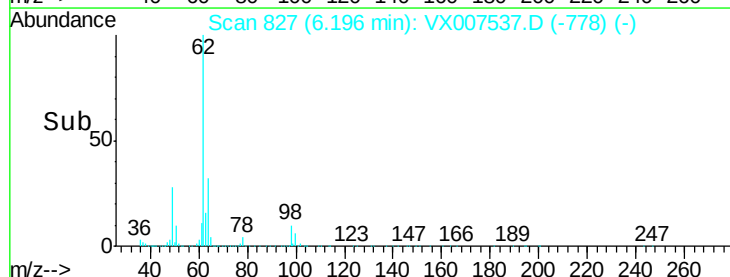
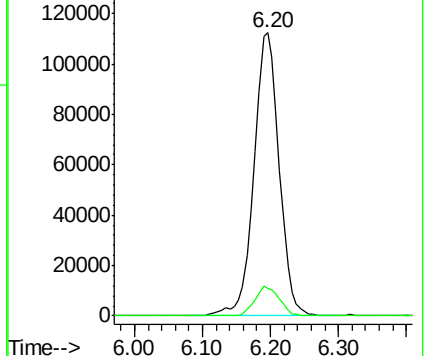
62 100

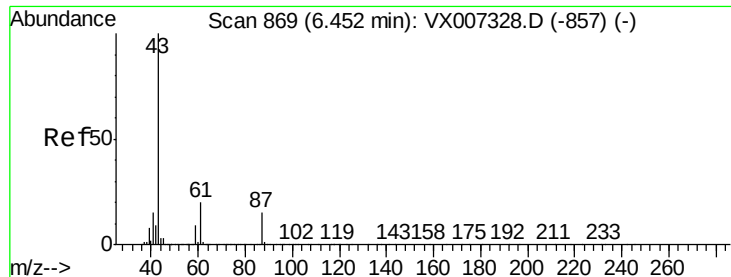
98 10.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



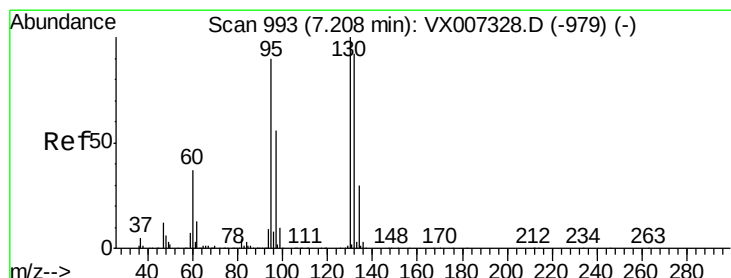
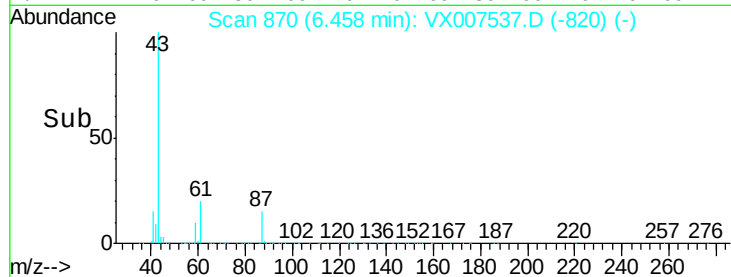
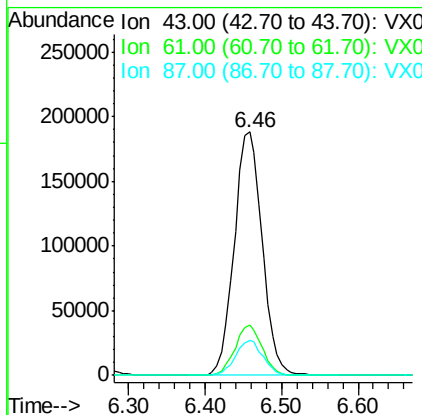
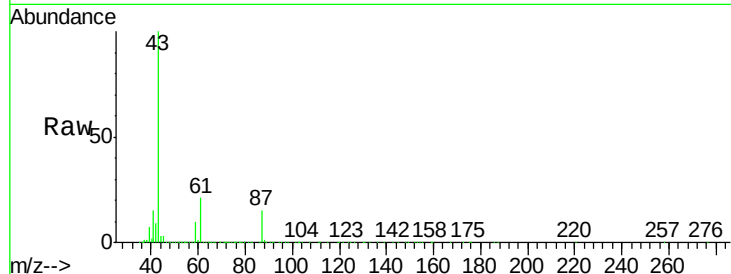


#43

Isopropyl Acetate
 Concen: 50.871 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

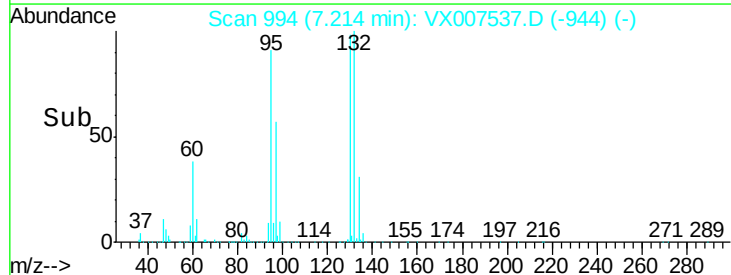
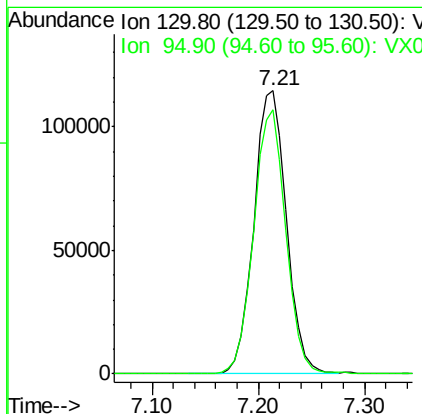
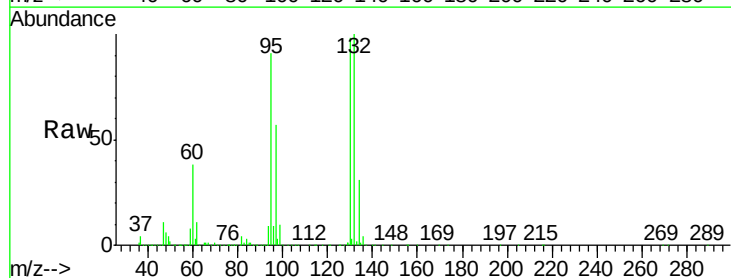
Tot Ion	43	Resp	475092
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.1	24.1
87	14.1	11.5	17.3

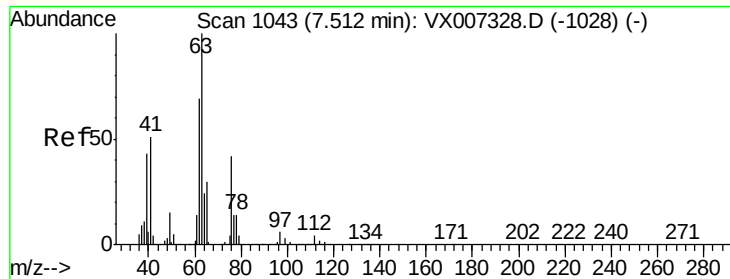


#44

Trichloroethene
 Concen: 46.324 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Tgt Ion	130	Resp	245986
Ion Ratio	Lower	Upper	
130	100		
95	93.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.862 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

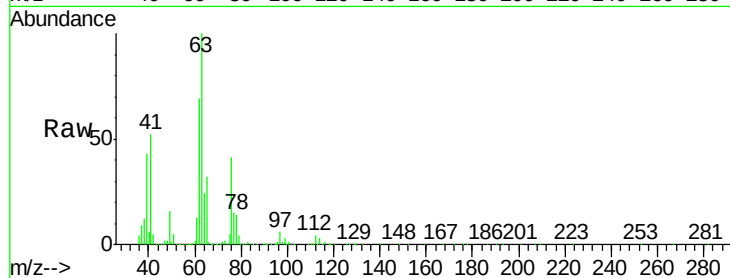
VSTDCCC050

Tot Ion: 63 Resp: 215848

Ion Ratio Lower Upper

63 100

65 32.3 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

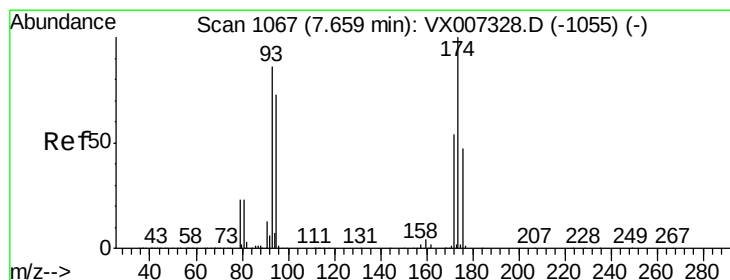
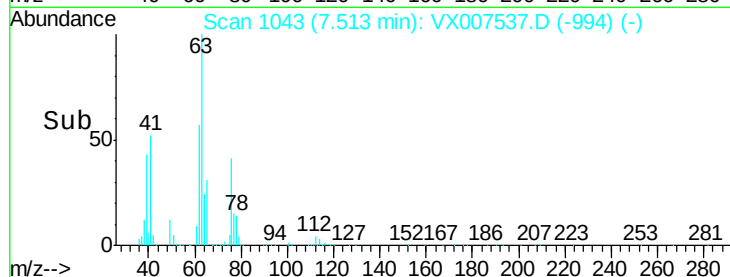
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 47.948 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

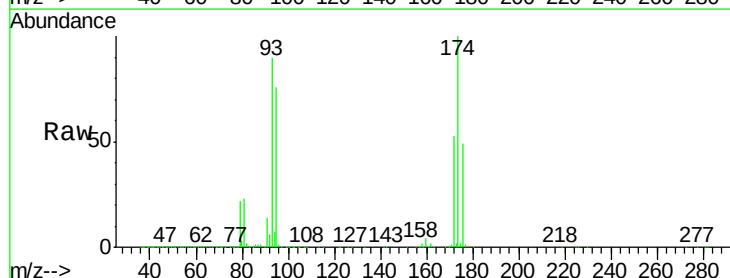
Tgt Ion: 93 Resp: 153947

Ion Ratio Lower Upper

93 100

95 83.8 67.6 101.4

174 115.9 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

120000

100000

80000

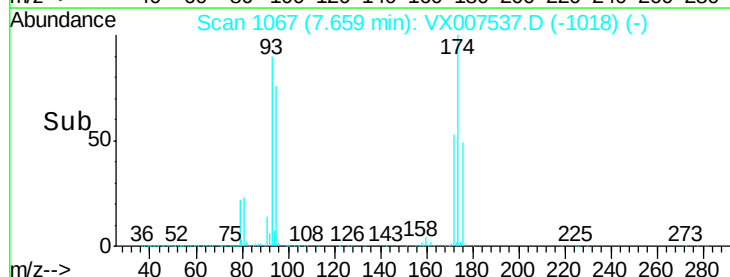
60000

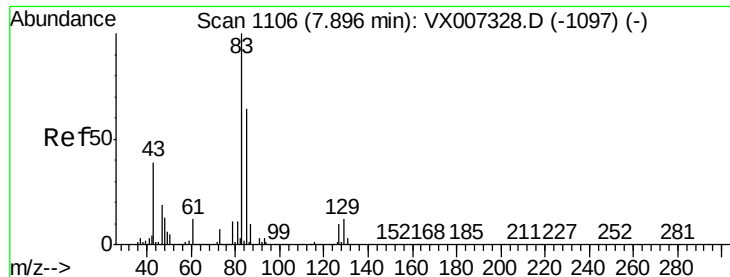
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 52.014 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

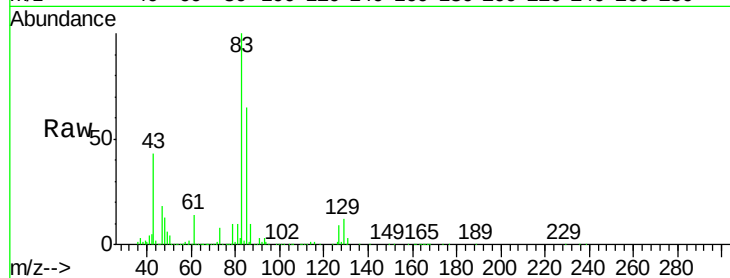
Tot Ion: 83 Resp: 283026

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.0

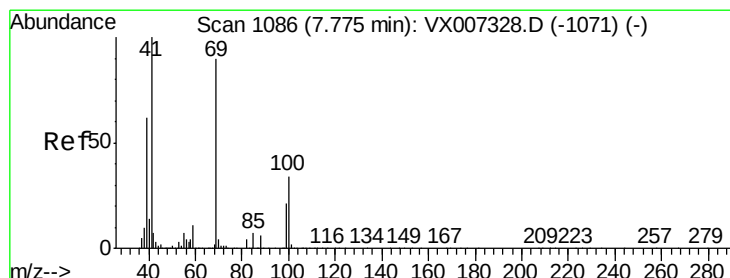
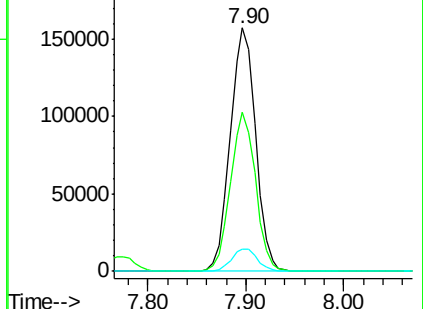
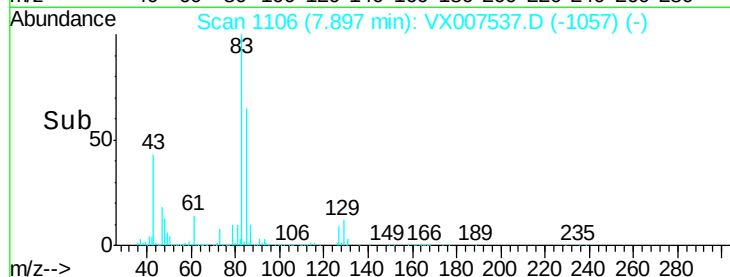
127 9.1 8.1 12.1



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: 52.129 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

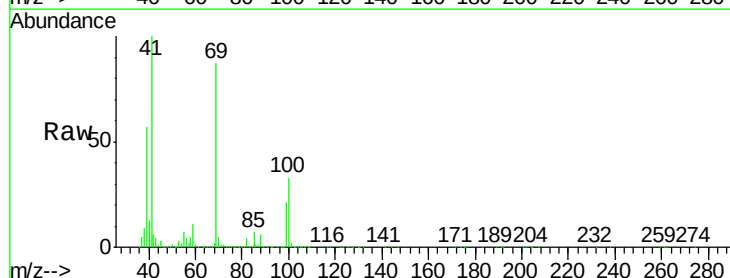
Tgt Ion: 41 Resp: 243514

Ion Ratio Lower Upper

41 100

69 87.4 70.2 105.4

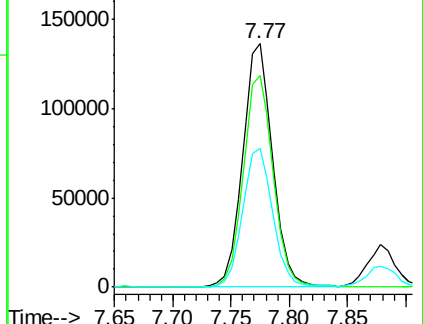
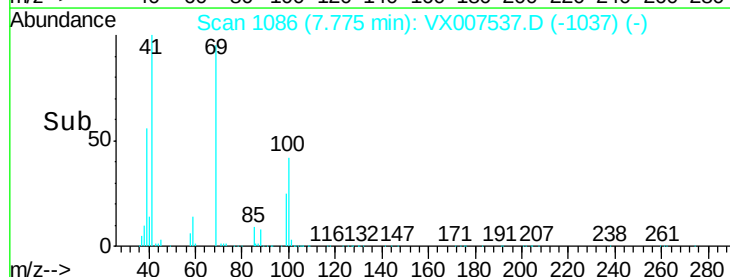
39 57.7 47.4 71.0

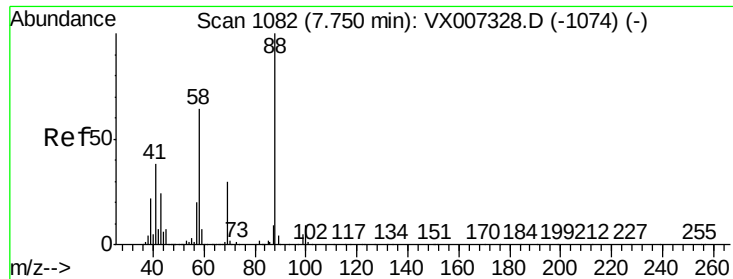


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1026.119 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

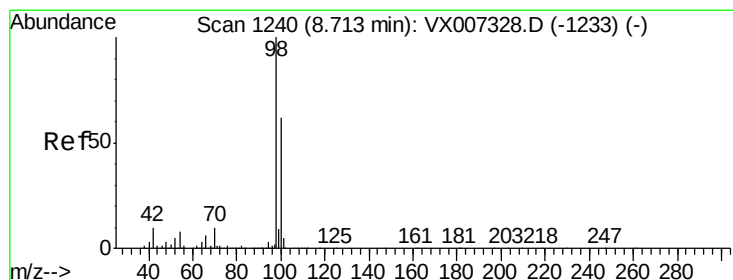
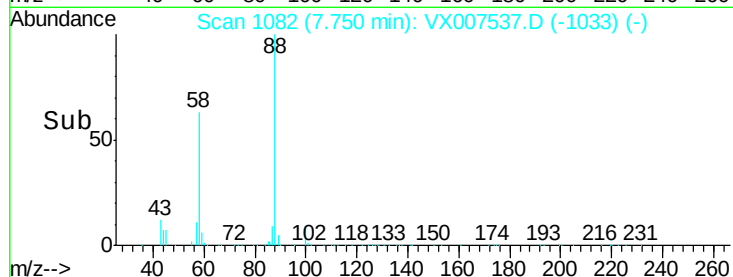
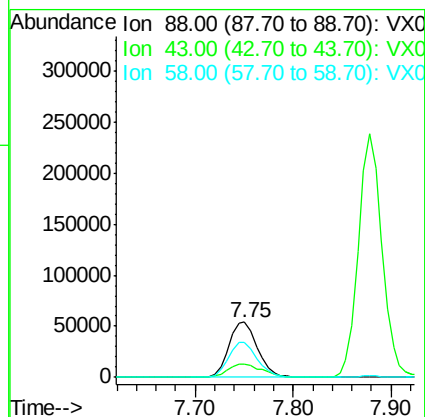
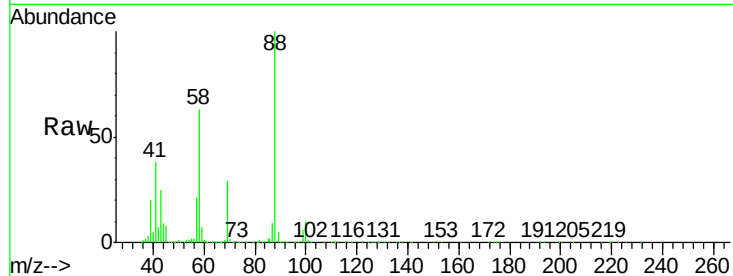
Tot Ion: 88 Resp: 109029

Ion Ratio Lower Upper

88 100

43 29.7 24.2 36.4

58 64.2 53.0 79.4



#50

Toluene-d8

Concen: 50.648 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007537.D

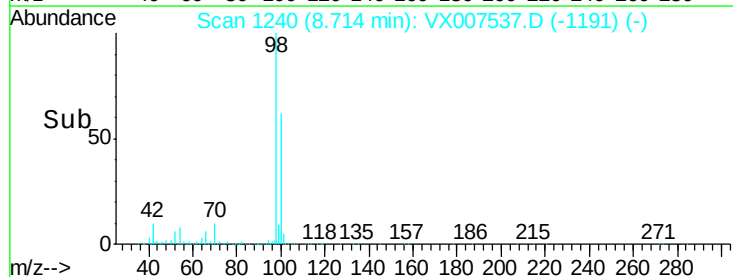
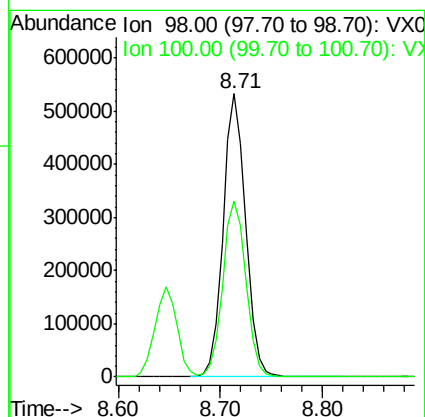
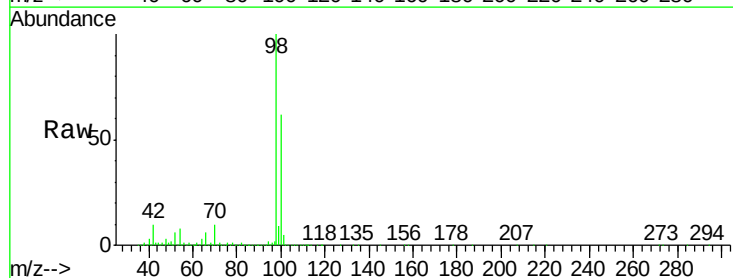
Acq: 14 Feb 2019 11:07

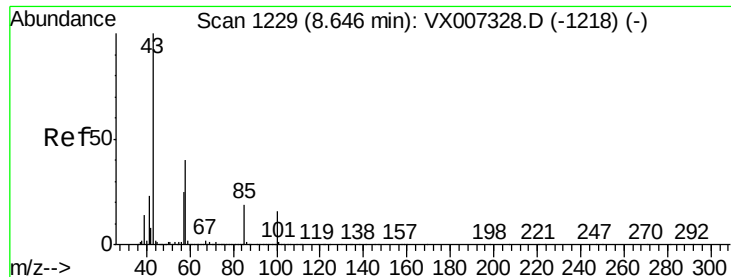
Tgt Ion: 98 Resp: 815633

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 255.332 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

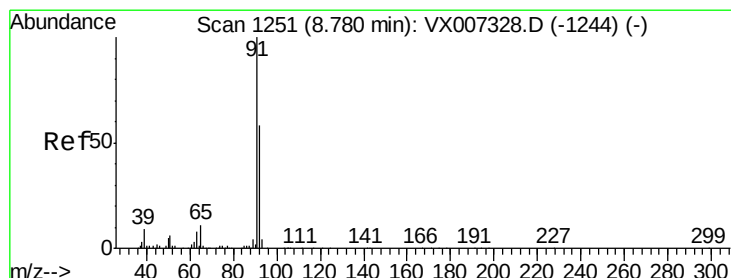
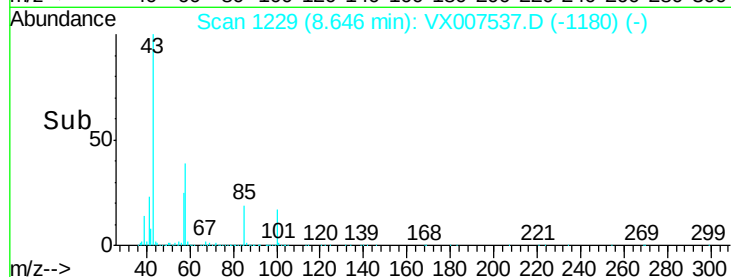
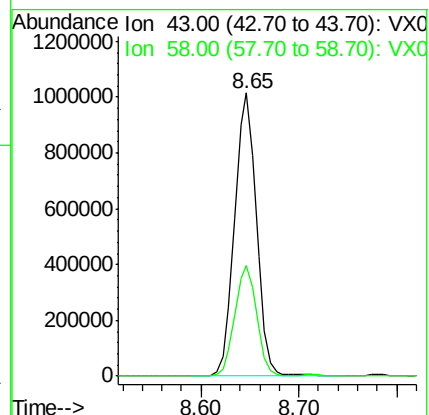
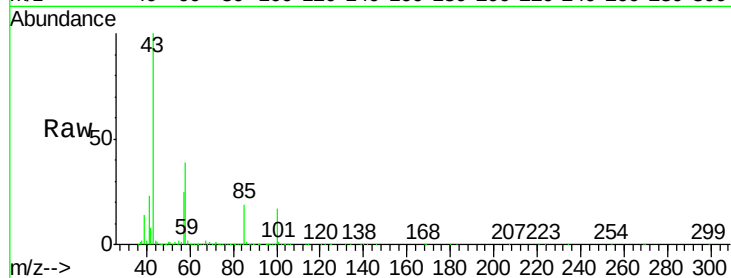
VSTDCCC050

Tot Ion: 43 Resp: 1569761

Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8



#52

Toluene

Concen: 47.835 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007537.D

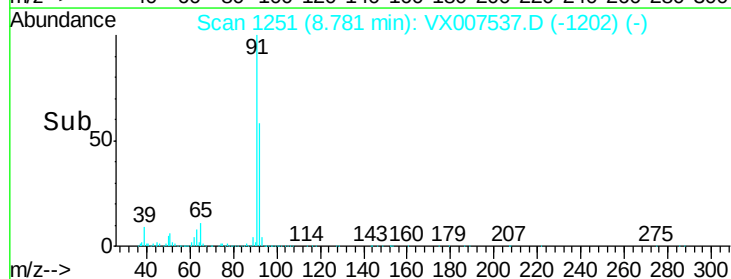
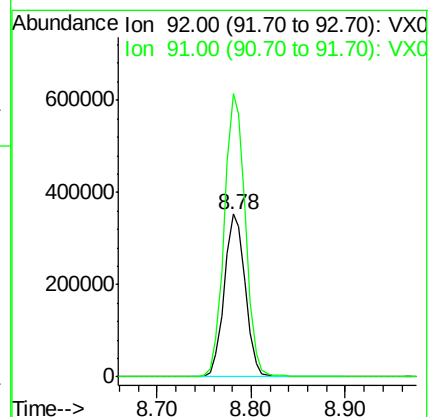
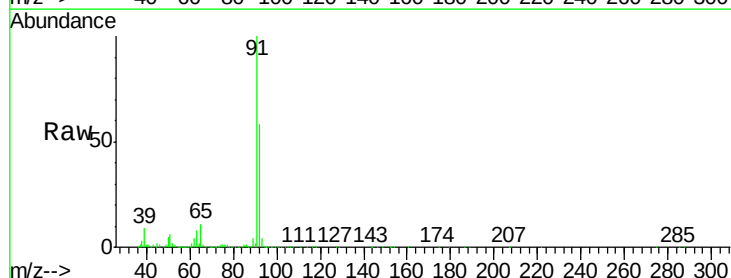
Acq: 14 Feb 2019 11:07

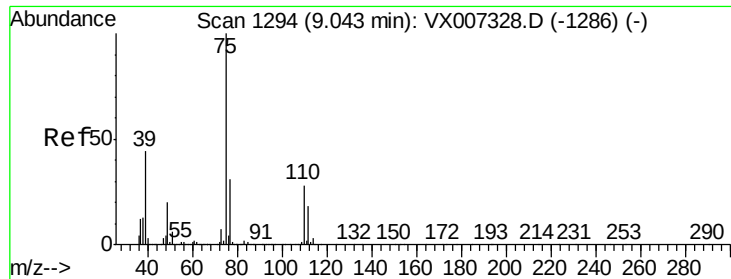
Tgt Ion: 92 Resp: 544143

Ion Ratio Lower Upper

92 100

91 174.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.461 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

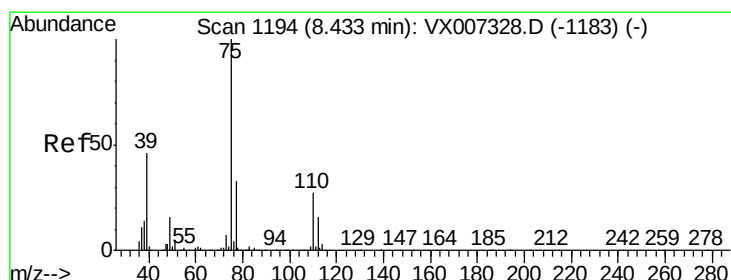
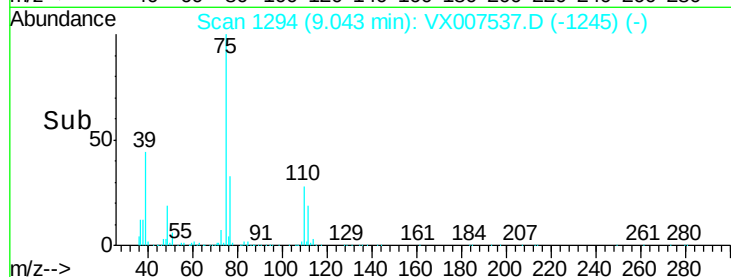
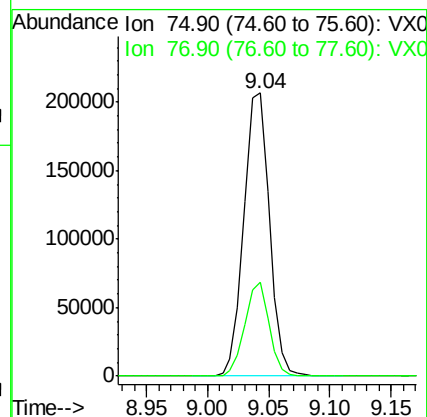
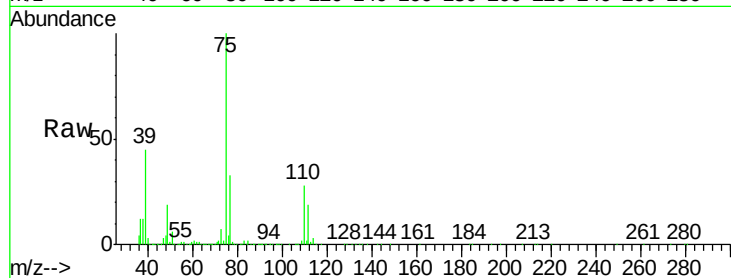
VSTDCCC050

Tot Ion: 75 Resp: 300785

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.611 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

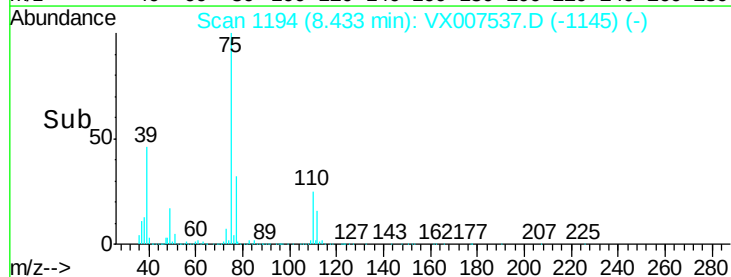
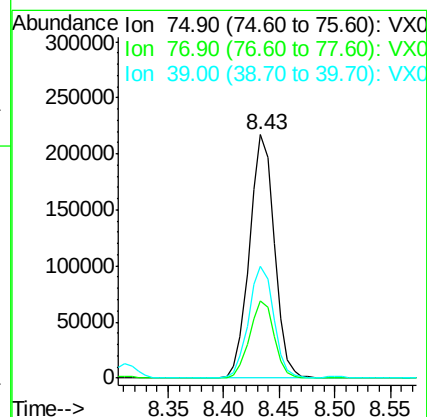
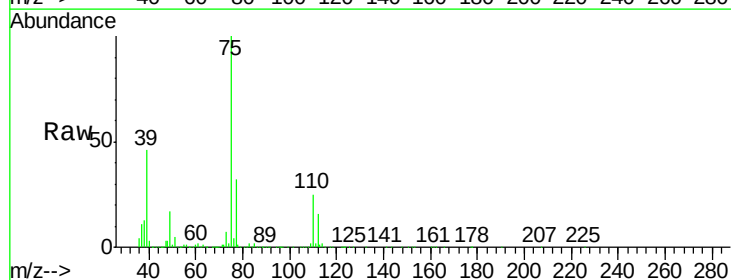
Tgt Ion: 75 Resp: 338163

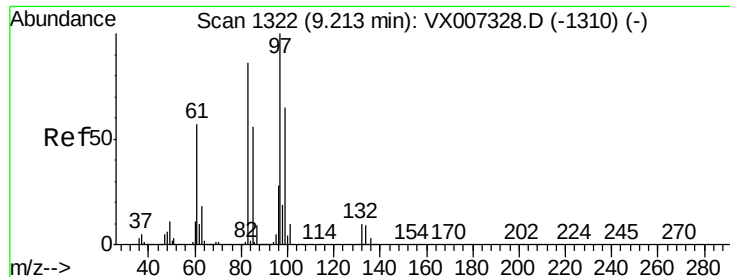
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4

39 45.7 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 49.164 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 233124

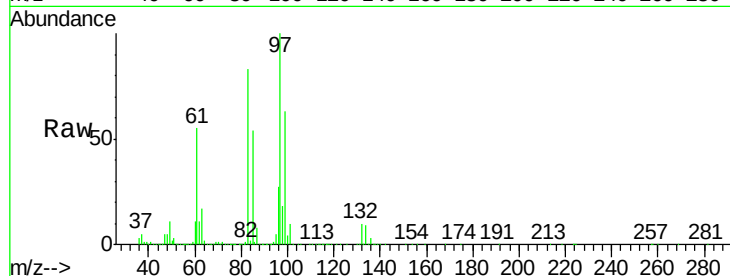
Ion Ratio Lower Upper

97 100

83 82.9 68.6 102.8

85 54.4 44.5 66.7

99 62.6 52.2 78.4

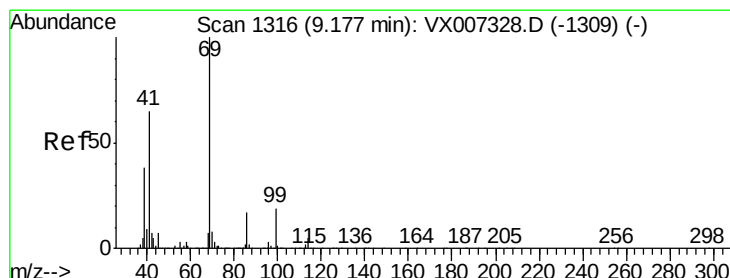
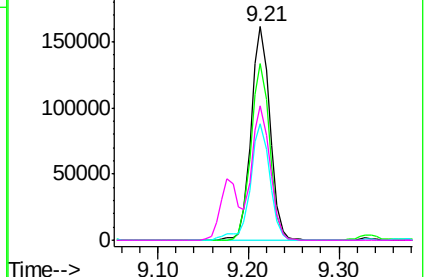
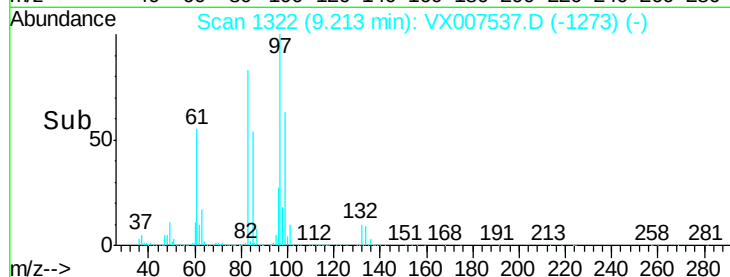


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 50.025 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

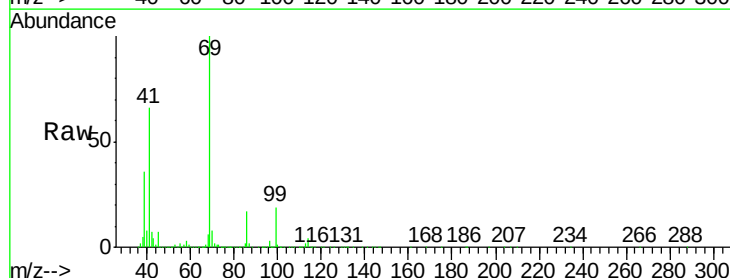
Tgt Ion: 69 Resp: 328534

Ion Ratio Lower Upper

69 100

41 63.8 52.1 78.1

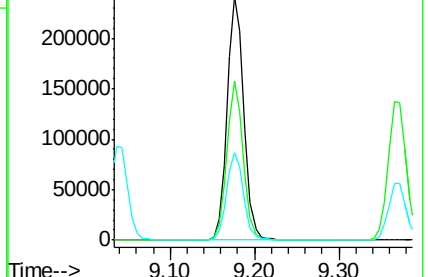
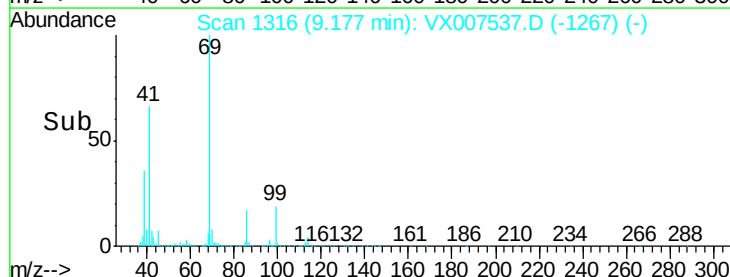
39 36.2 30.1 45.1

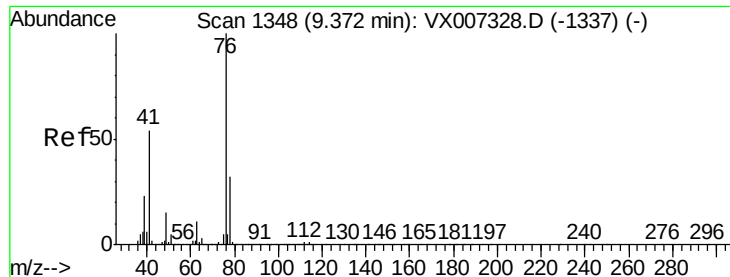


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

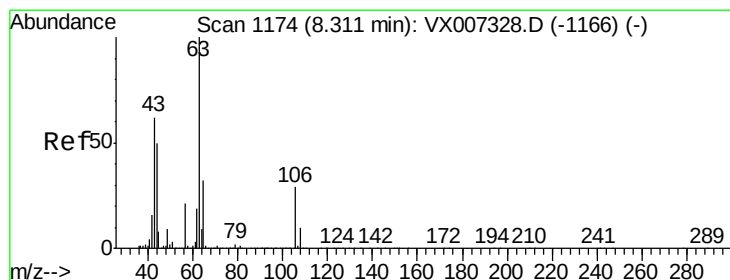
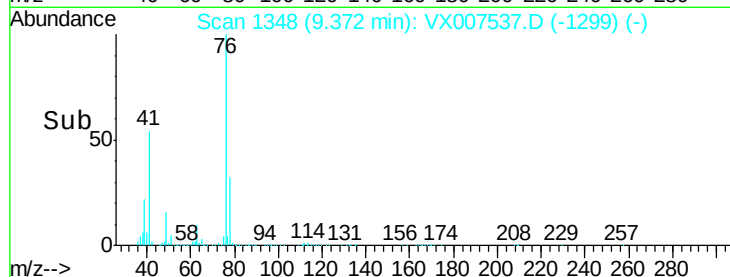
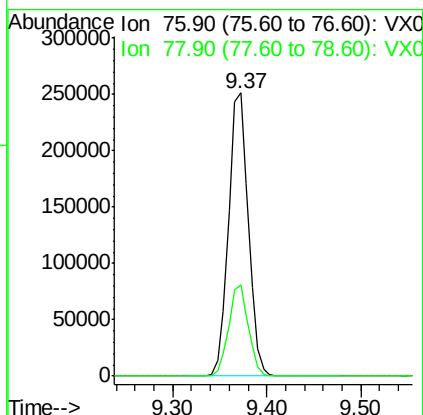
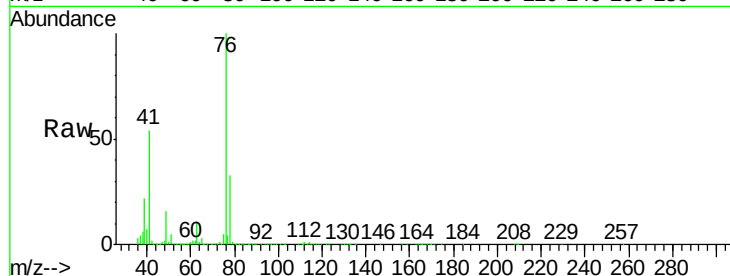




#57
 1,3-Dichloropropane
 Concen: 48.616 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

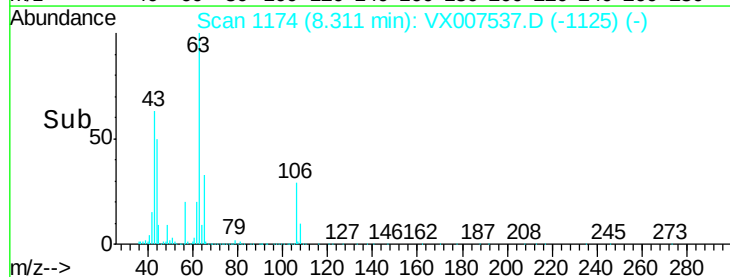
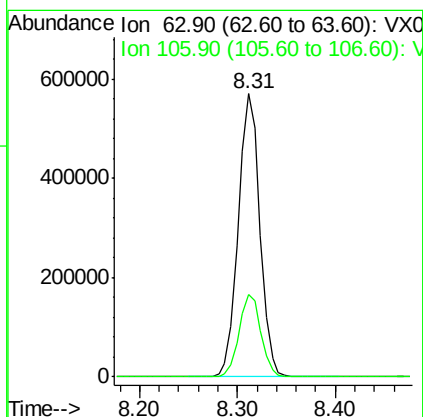
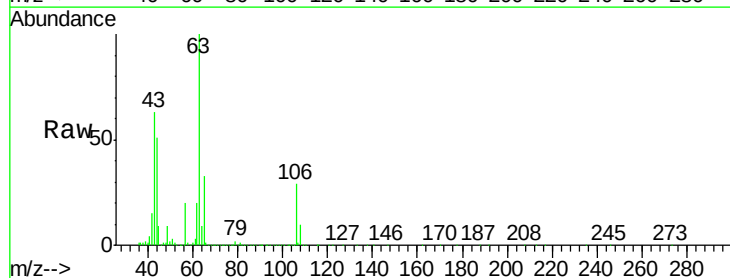
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

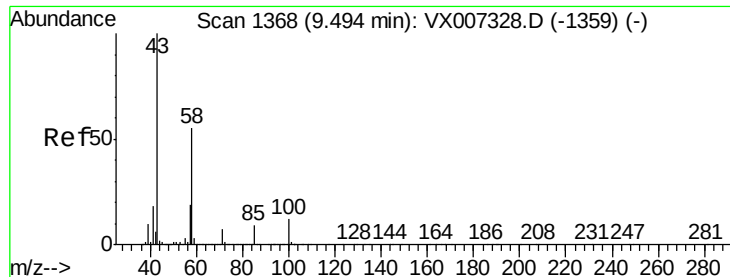
Tot Ion: 76 Resp: 366603
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.371 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Tgt Ion: 63 Resp: 873601
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.6 35.4

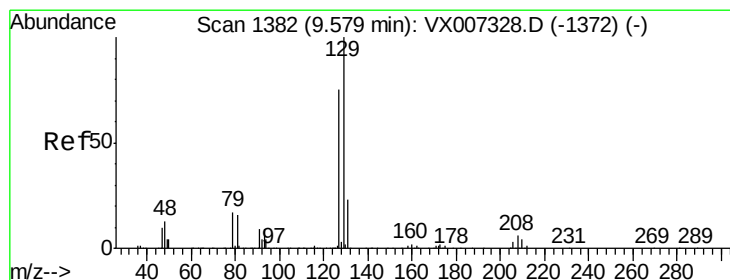
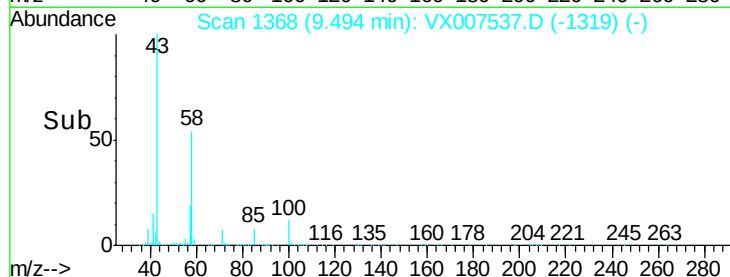
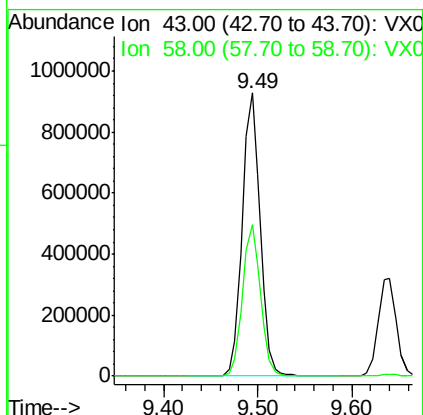
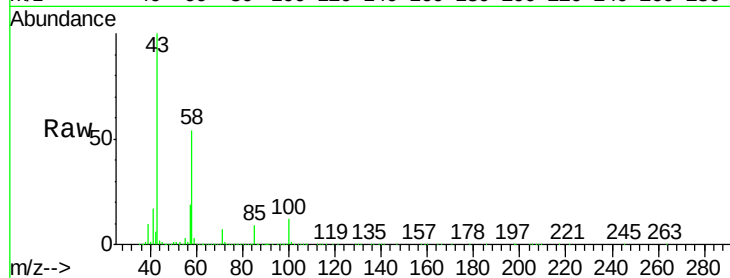




#59
2-Hexanone
Concen: 255.276 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

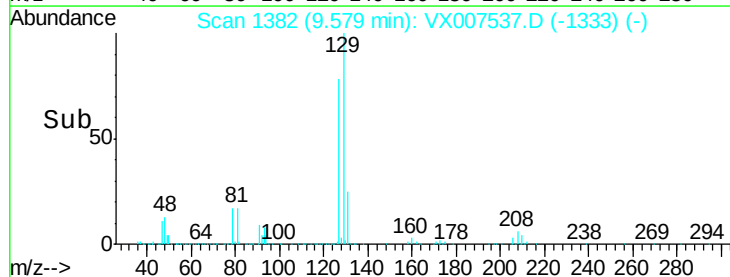
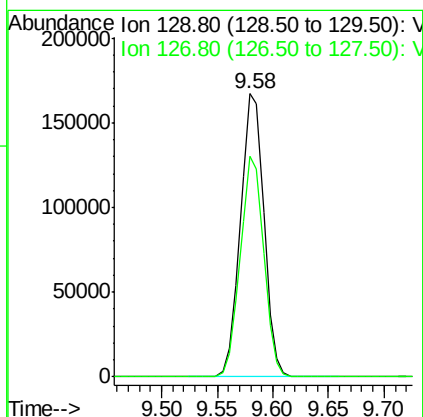
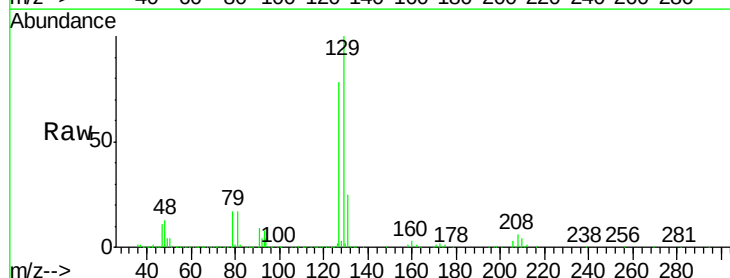
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

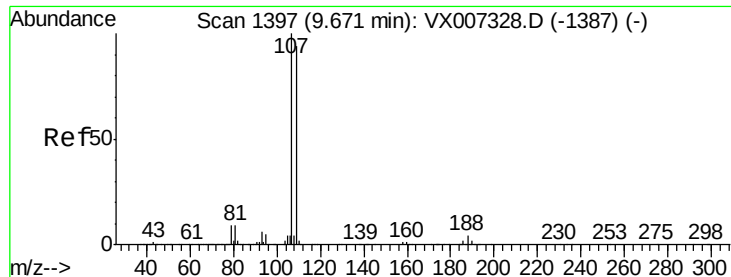
Tot Ion: 43 Resp: 1221269
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3



#60
Dibromochloromethane
Concen: 54.715 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion: 129 Resp: 245377
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.4





#61

1,2-Dibromoethane

Concen: 49.238 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

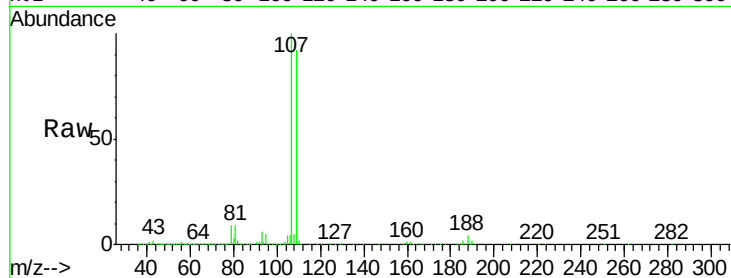
VSTDCCC050

Tot Ion:107 Resp: 247252

Ion Ratio Lower Upper

107 100

109 94.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

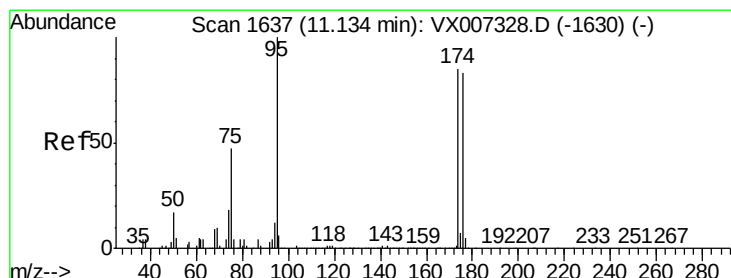
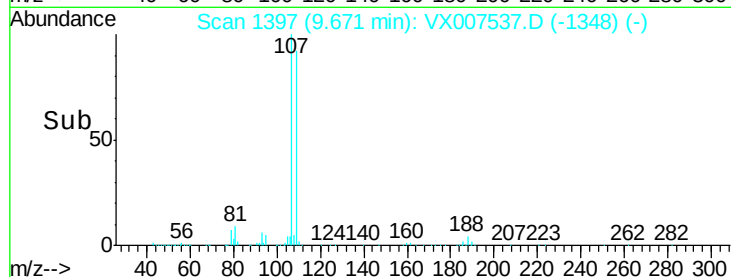
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.249 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

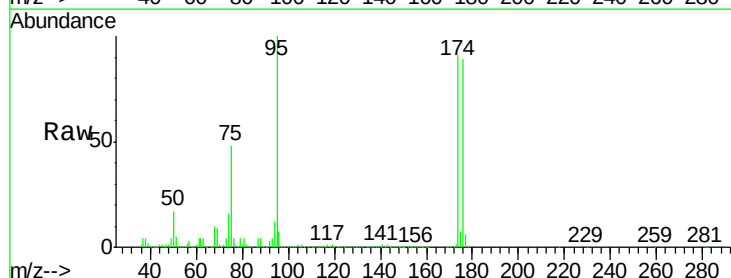
Tgt Ion: 95 Resp: 295444

Ion Ratio Lower Upper

95 100

174 92.7 0.0 189.2

176 90.0 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

11.13

300000

250000

200000

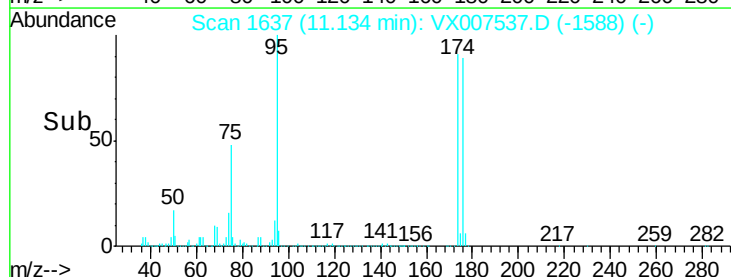
150000

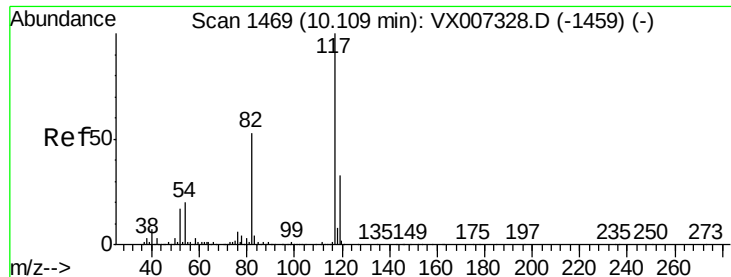
100000

50000

0

Time-->

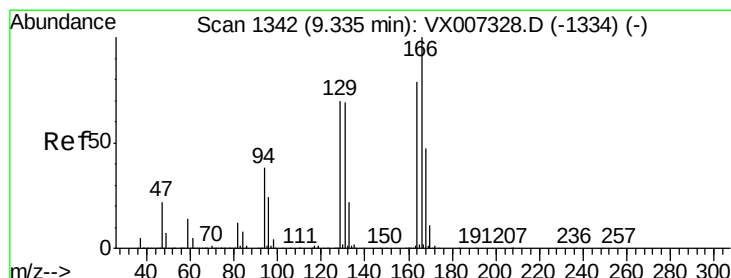
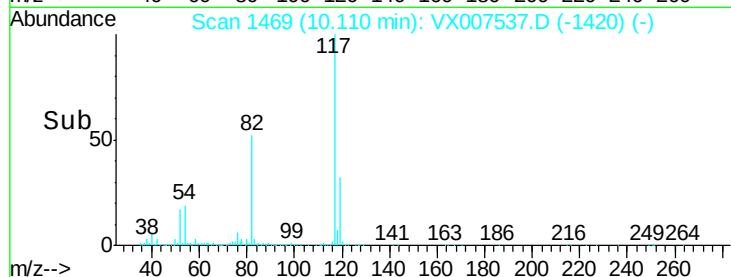
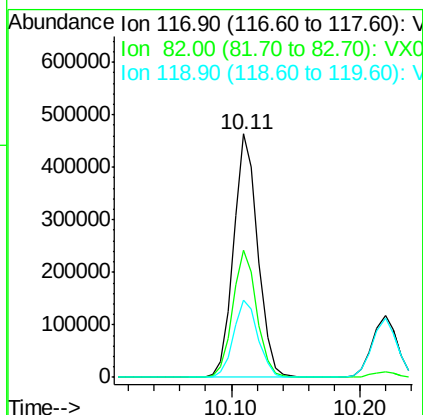
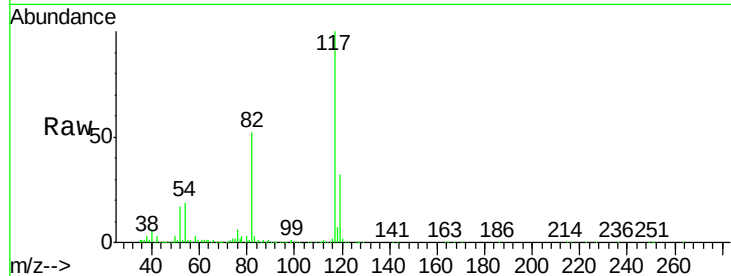




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

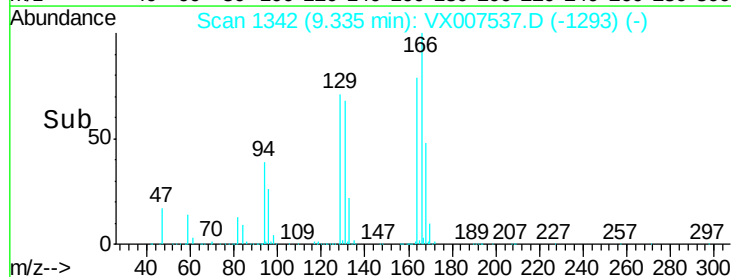
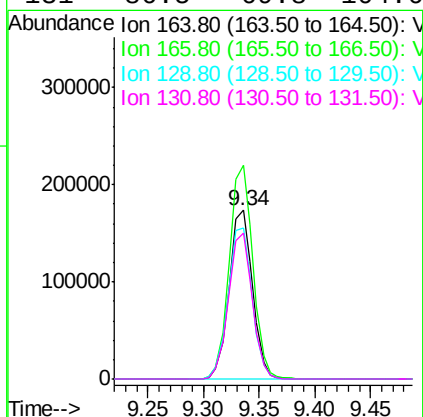
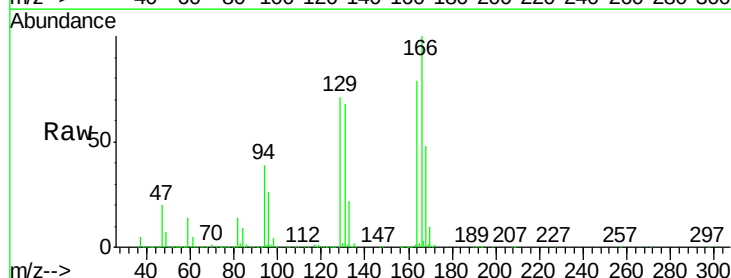
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

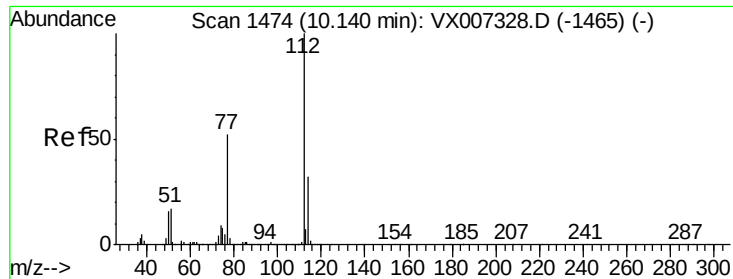
Tot Ion:117 Resp: 606952
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 31.7 26.5 39.7



#64
Tetrachloroethene
Concen: 44.249 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion:164 Resp: 253134
Ion Ratio Lower Upper
164 100
166 126.5 101.0 151.4
129 89.4 70.5 105.7
131 86.5 69.8 104.6

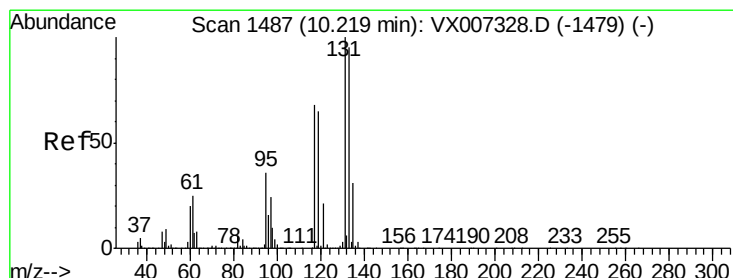
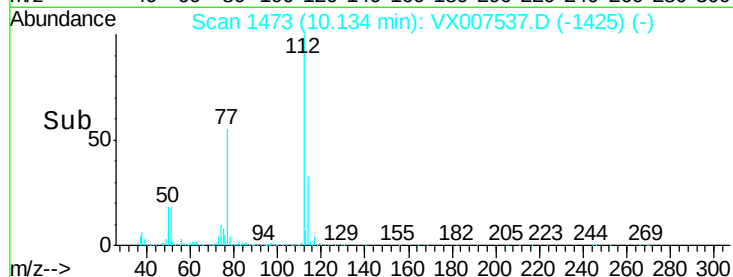
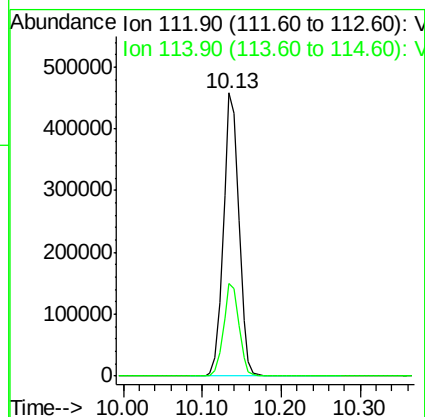
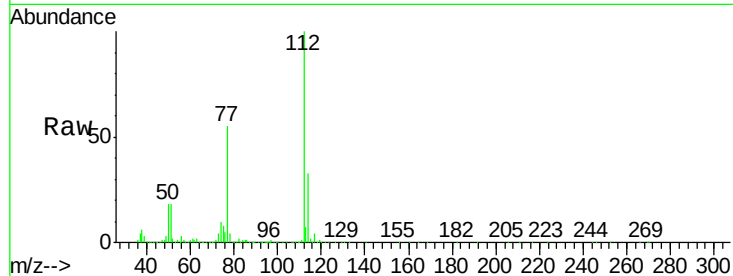




#65
Chlorobenzene
Concen: 47.327 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

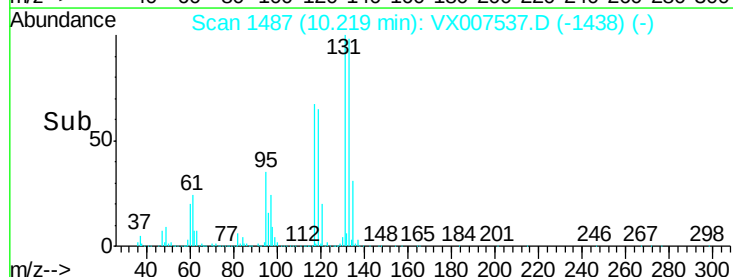
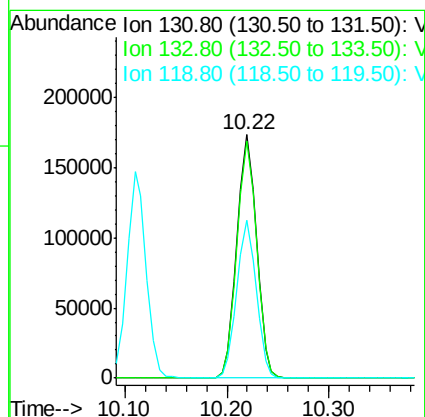
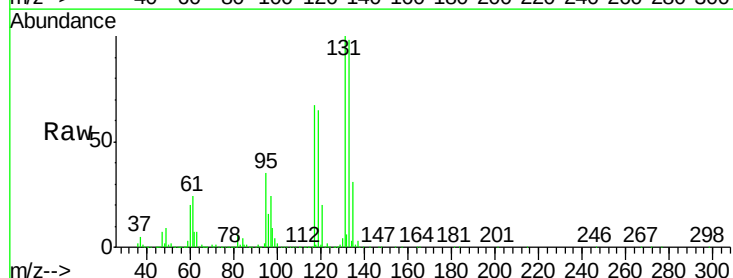
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

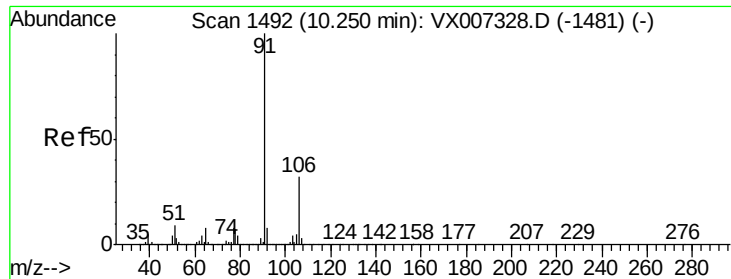
Tot Ion:112 Resp: 626832
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.988 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion:131 Resp: 230860
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.2
119 63.9 32.0 96.0

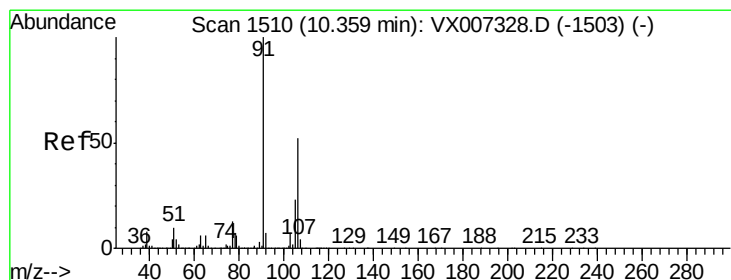
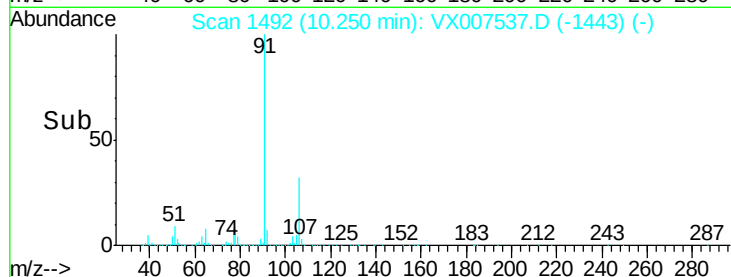
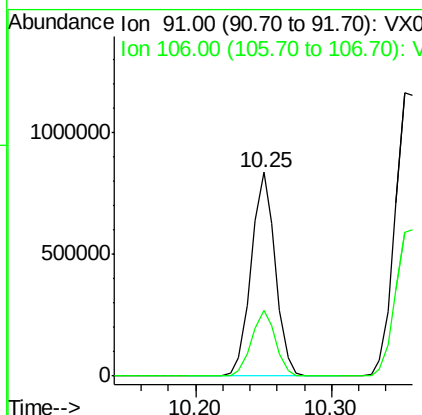
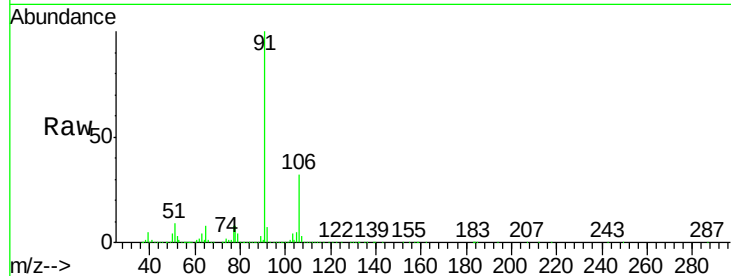




#67
Ethyl Benzene
Concen: 49.021 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

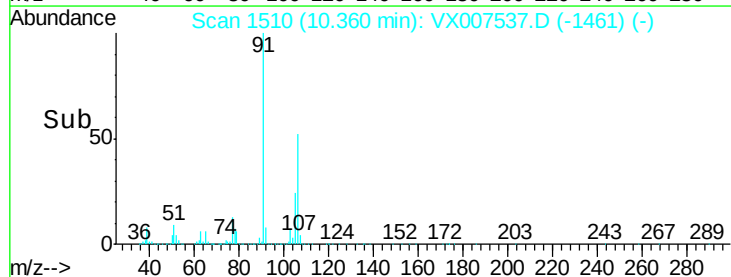
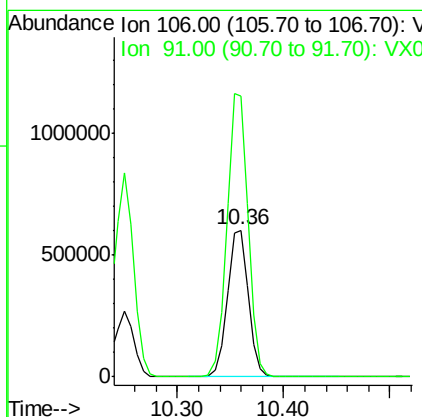
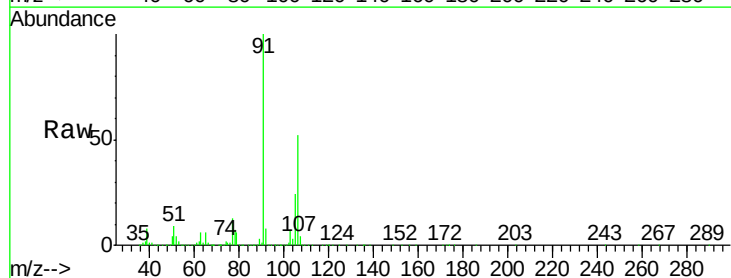
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

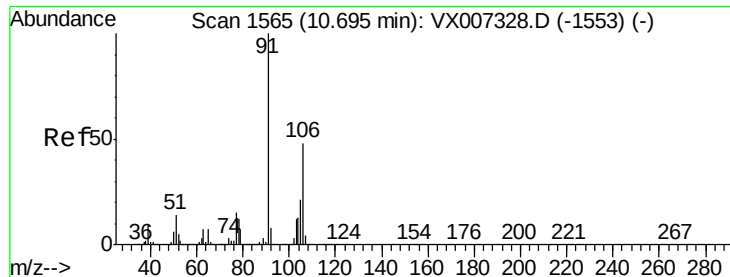
Tot Ion: 91 Resp: 1045587
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 97.534 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion: 106 Resp: 826954
Ion Ratio Lower Upper
106 100
91 195.2 156.6 234.8

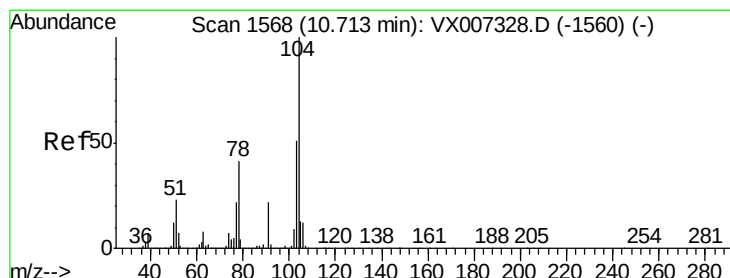
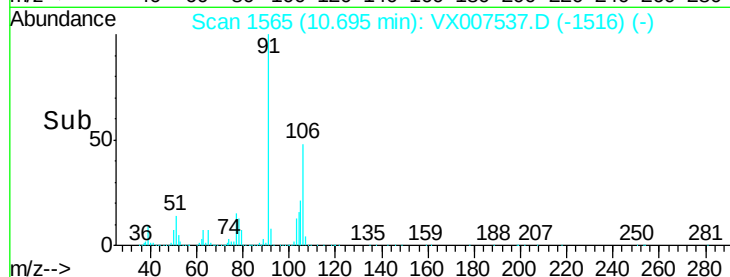
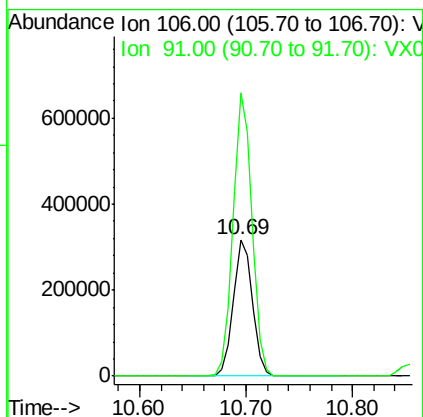
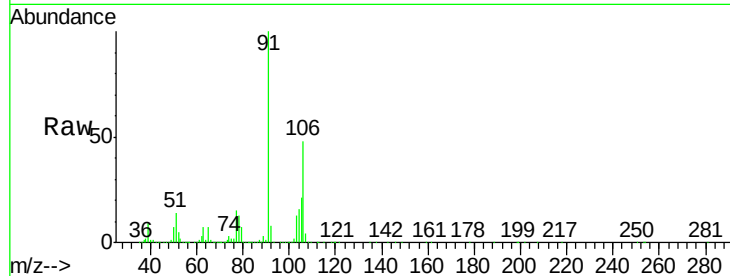




#69
o-Xylene
Concen: 49.095 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

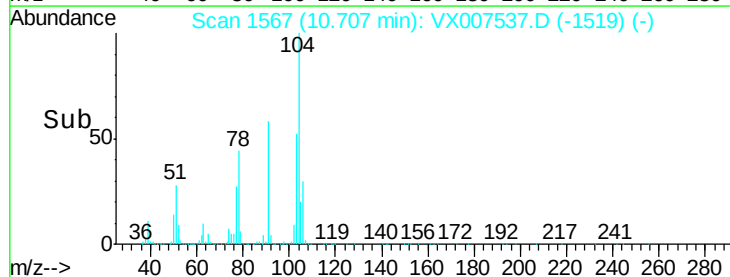
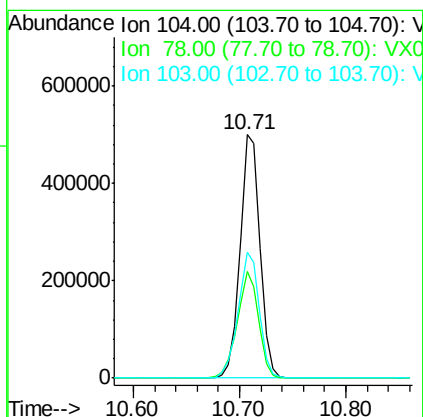
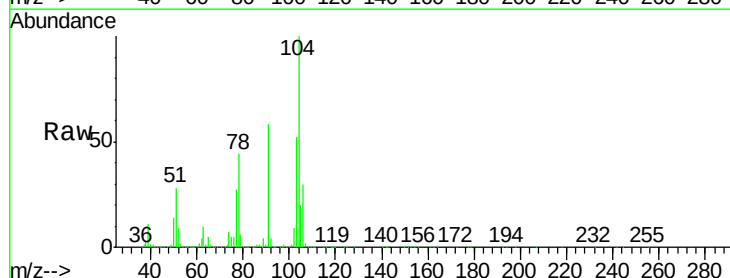
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

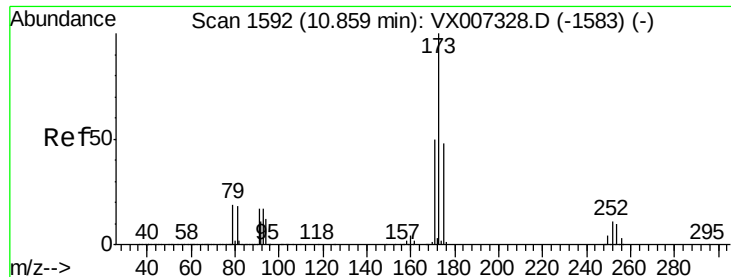
Tot Ion:106 Resp: 400543
Ion Ratio Lower Upper
106 100
91 205.4 102.9 308.7



#70
Styrene
Concen: 49.693 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion:104 Resp: 657504
Ion Ratio Lower Upper
104 100
78 47.0 38.3 57.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 47.755 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

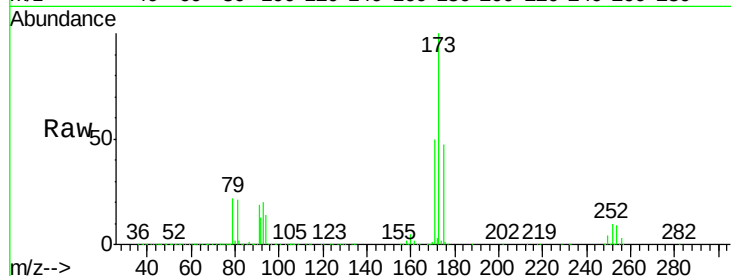
Tot Ion:173 Resp: 185228

Ion Ratio Lower Upper

173 100

175 48.0 24.2 72.6

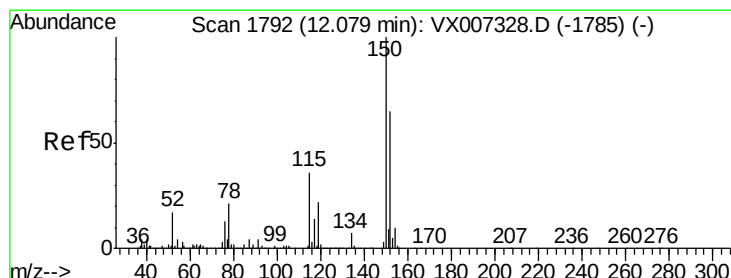
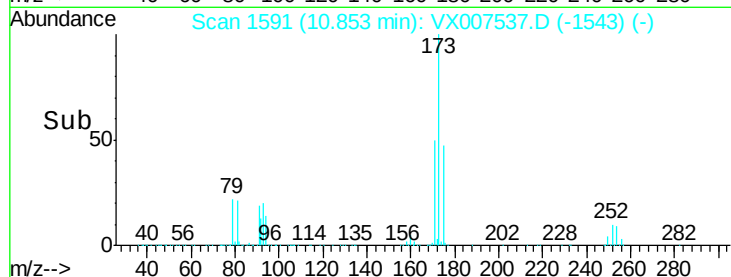
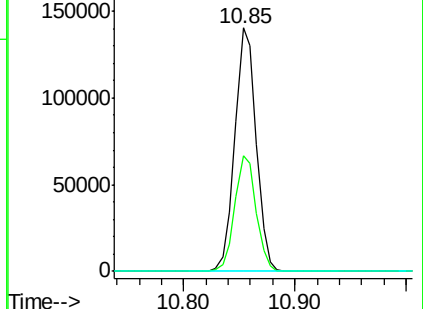
254 0.1 0.2 0.2#



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: VX007537.D

Acq: 14 Feb 2019 11:07

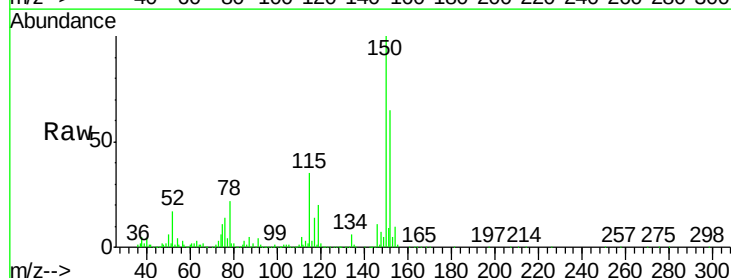
Tgt Ion:152 Resp: 316108

Ion Ratio Lower Upper

152 100

115 78.0 38.0 114.0

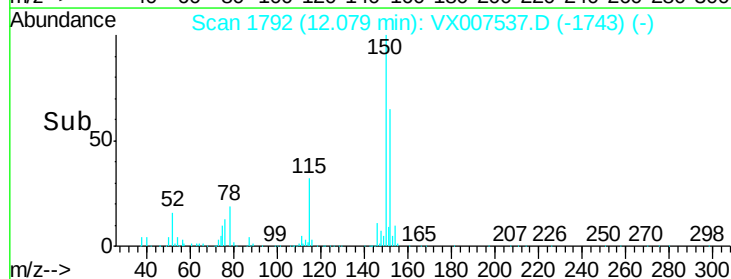
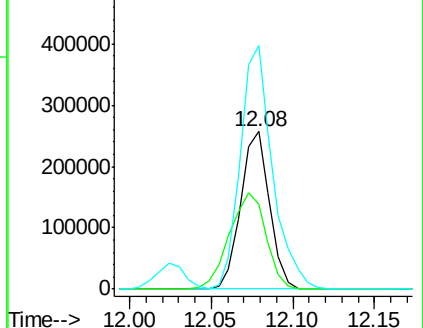
150 172.5 0.0 346.4

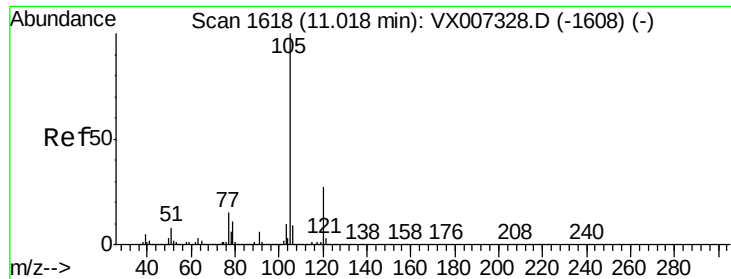


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.116 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

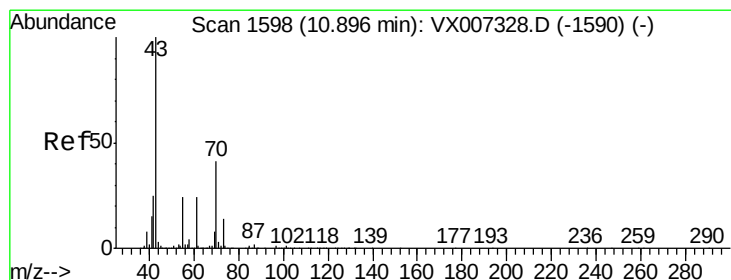
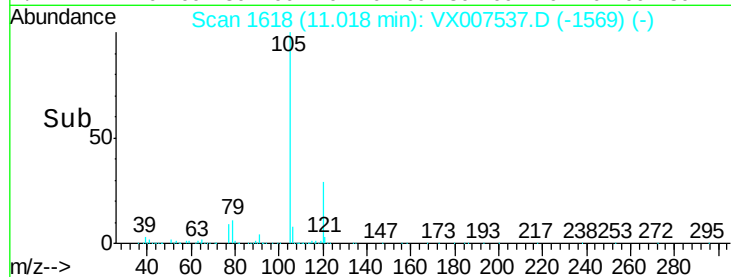
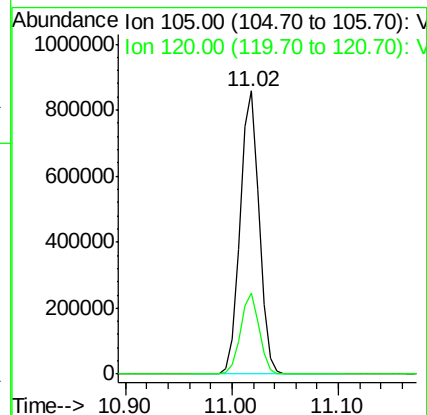
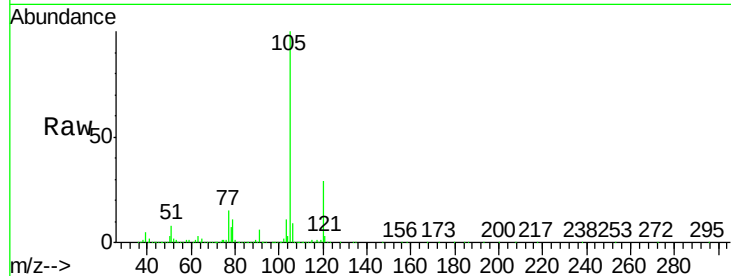
VSTDCCC050

Tot Ion:105 Resp: 1076554

Ion Ratio Lower Upper

105 100

120 28.0 13.6 40.7



#74

N-ethyl acetate

Concen: 50.291 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Tgt Ion: 43 Resp: 417849

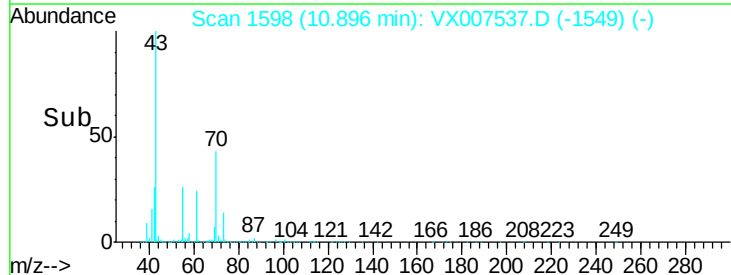
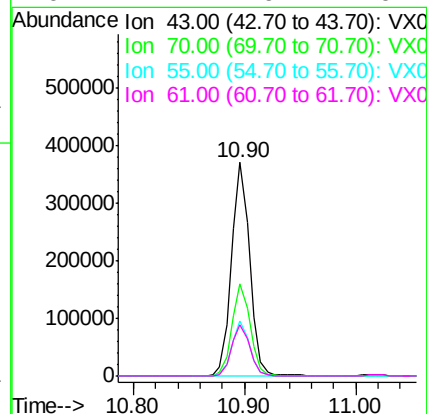
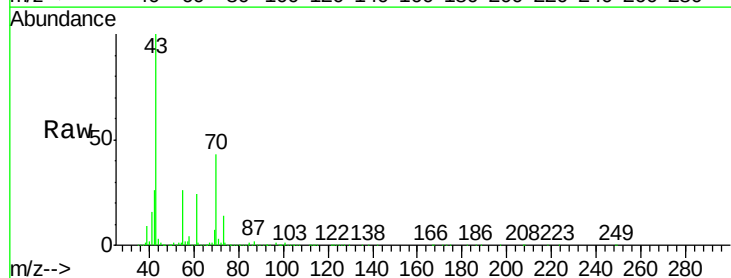
Ion Ratio Lower Upper

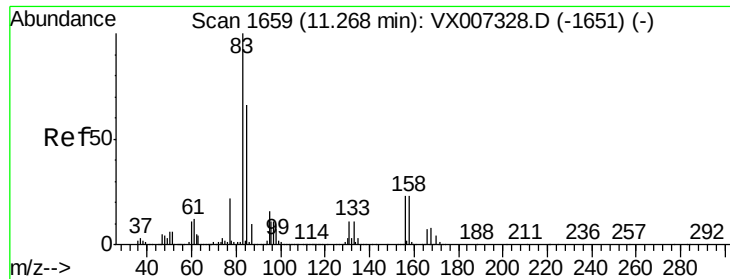
43 100

70 42.9 33.8 50.6

55 25.1 19.5 29.3

61 24.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.143 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

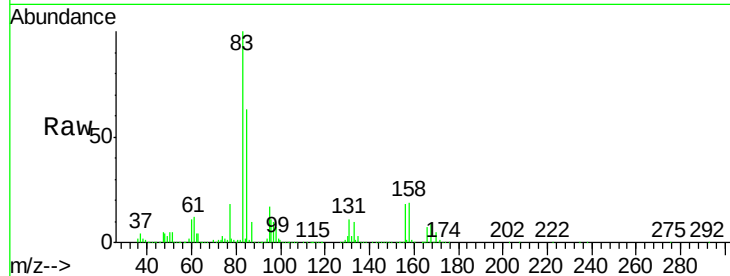
Tot Ion: 83 Resp: 334814

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

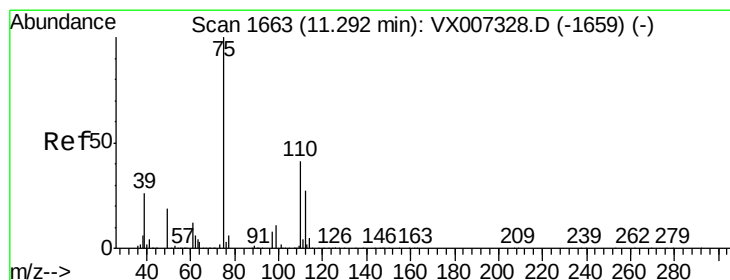
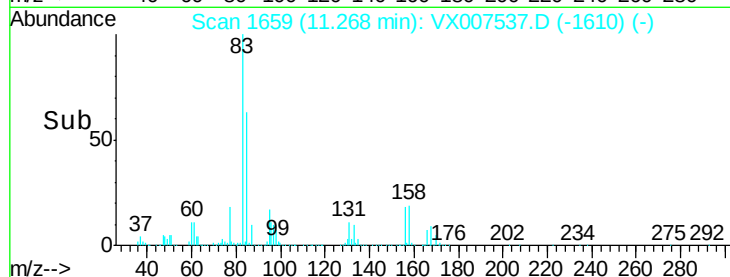
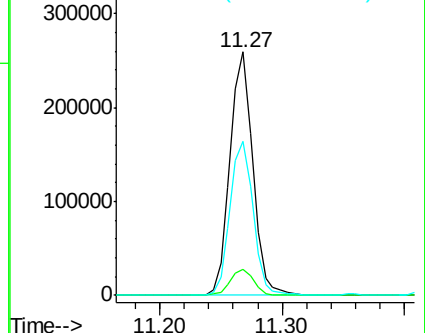
85 64.4 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.819 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007537.D

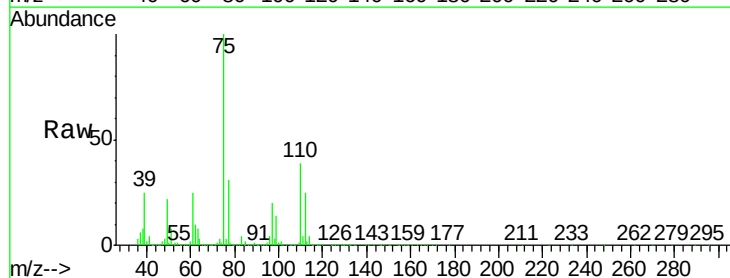
Acq: 14 Feb 2019 11:07

Tgt Ion: 75 Resp: 392406

Ion Ratio Lower Upper

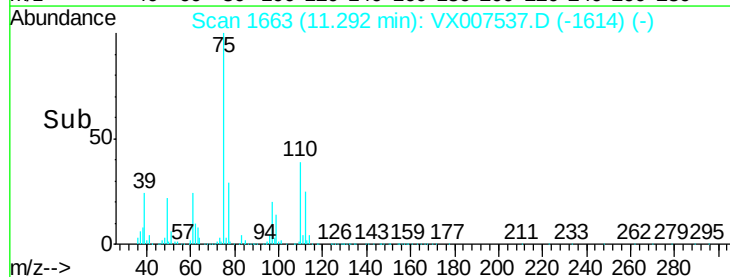
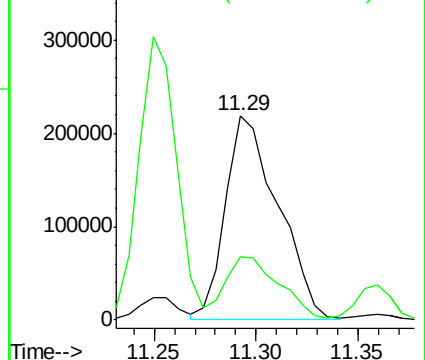
75 100

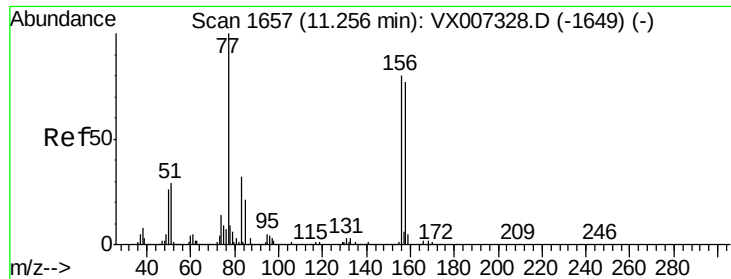
77 31.8 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.477 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

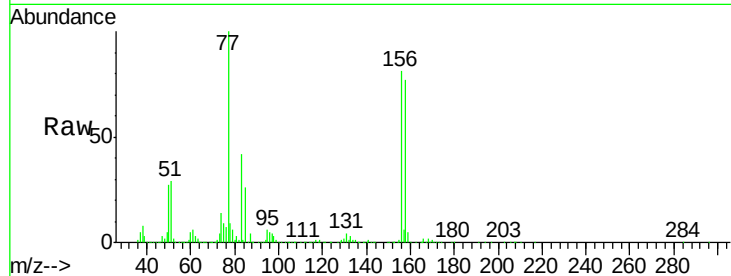
Tot Ion:156 Resp: 287355

Ion Ratio Lower Upper

156 100

77 135.2 66.8 200.6

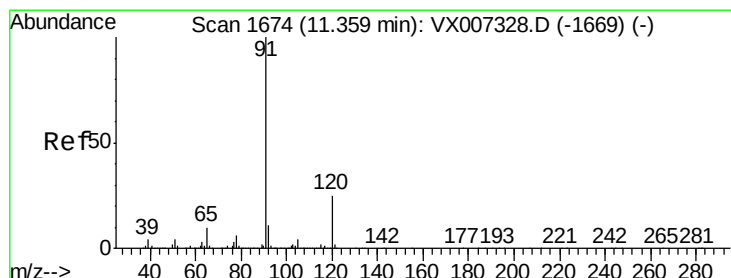
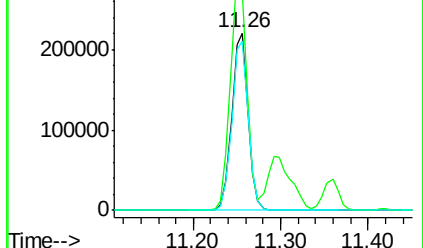
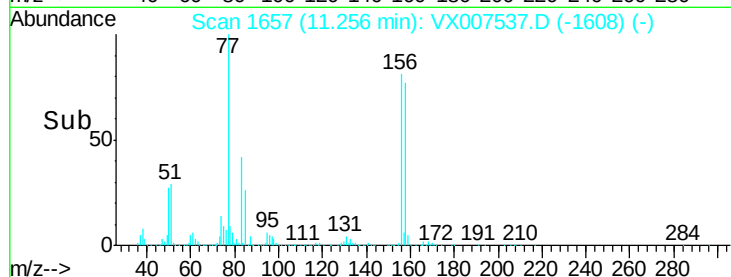
158 96.4 47.9 143.8



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: 51.766 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007537.D

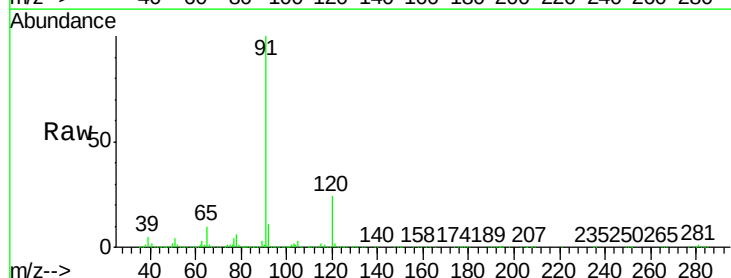
Acq: 14 Feb 2019 11:07

Tgt Ion: 91 Resp: 1219384

Ion Ratio Lower Upper

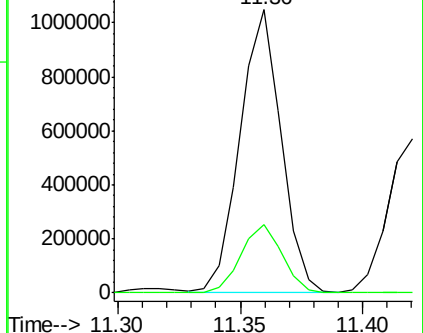
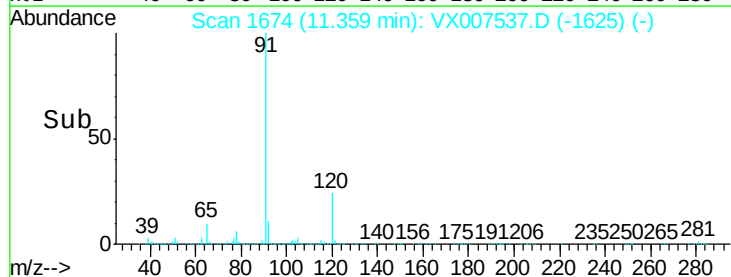
91 100

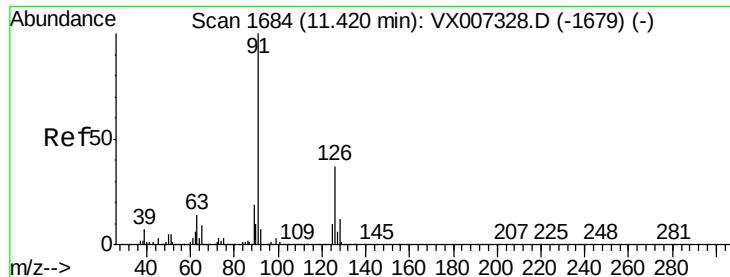
120 24.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.997 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

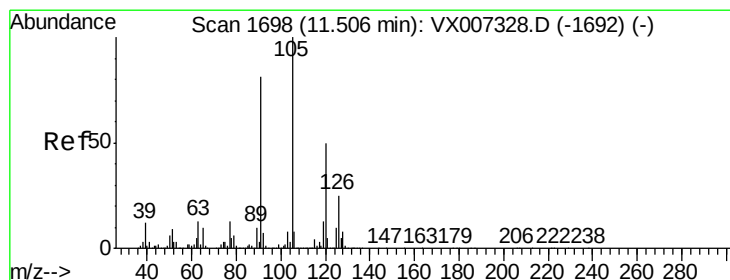
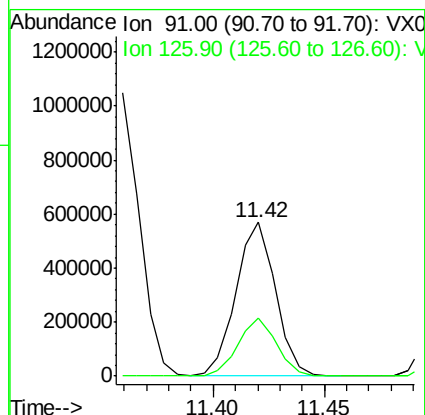
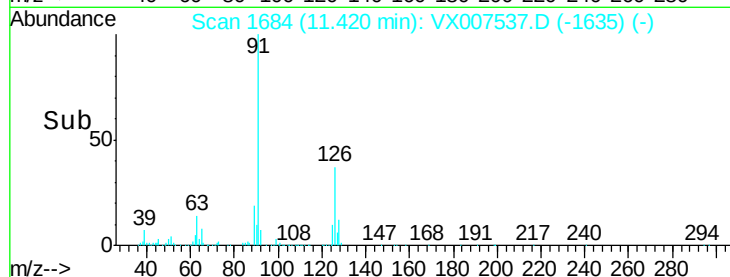
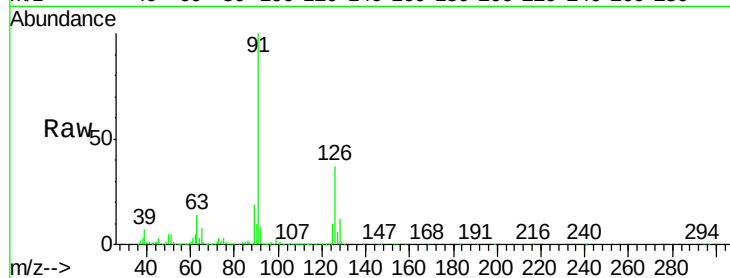
VSTDCCC050

Tot Ion: 91 Resp: 700310

Ion Ratio Lower Upper

91 100

126 37.2 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 50.226 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007537.D

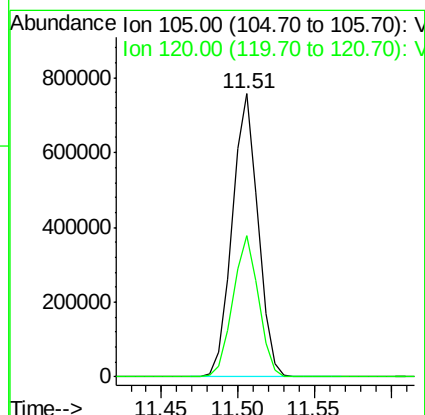
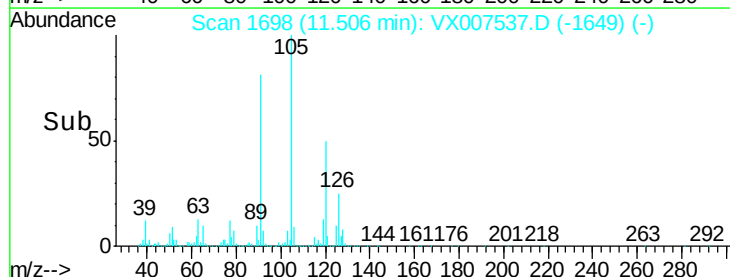
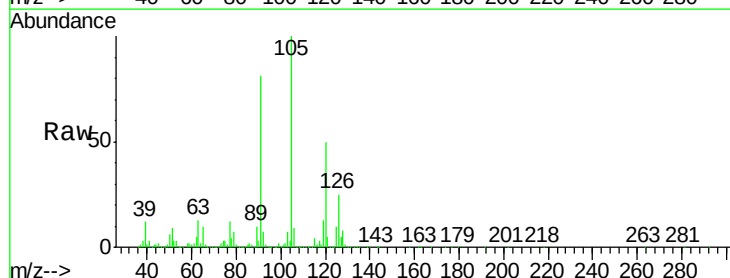
Acq: 14 Feb 2019 11:07

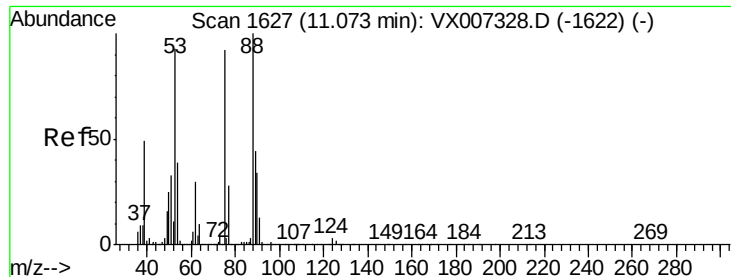
Tgt Ion: 105 Resp: 882686

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8

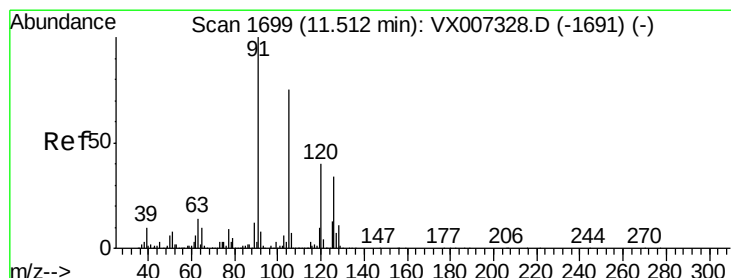
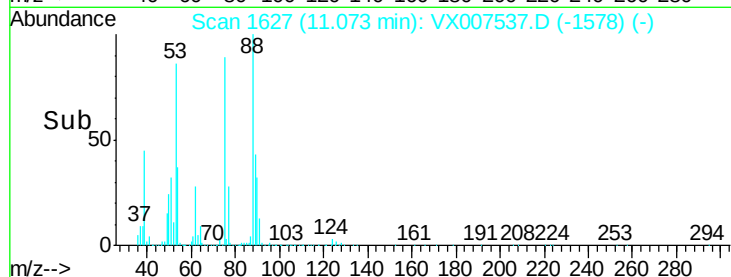
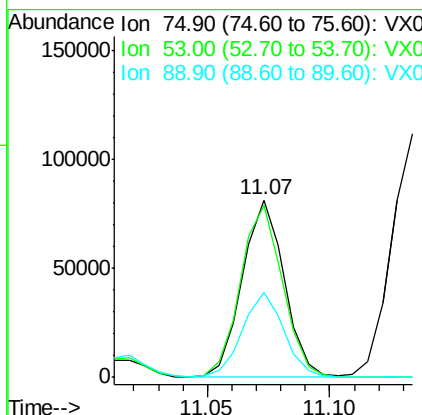
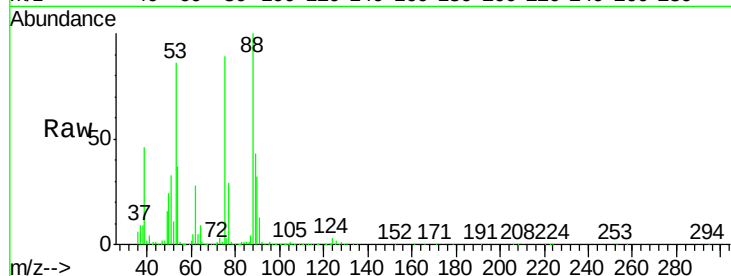




#81
trans-1,4-Dichloro-2-butene
Concen: 48.735 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

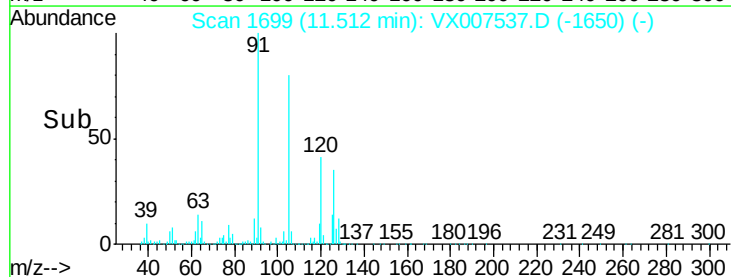
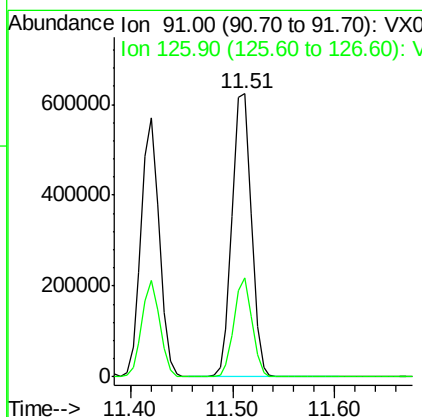
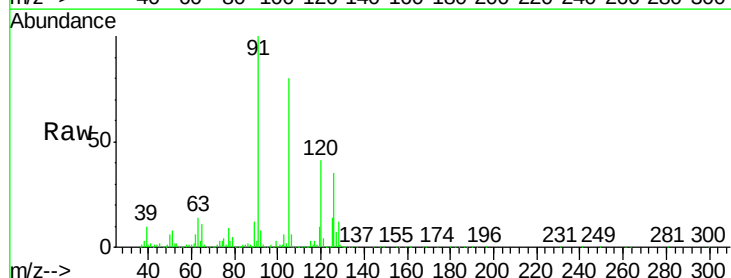
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

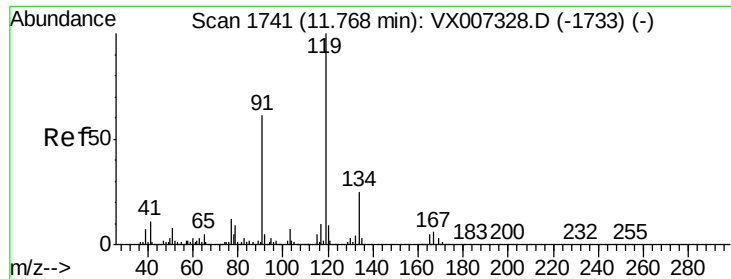
Tot Ion: 75 Resp: 96716
Ion Ratio Lower Upper
75 100
53 97.2 81.0 121.6
89 47.3 41.4 62.0



#82
4-Chlorotoluene
Concen: 49.130 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion: 91 Resp: 812530
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.5

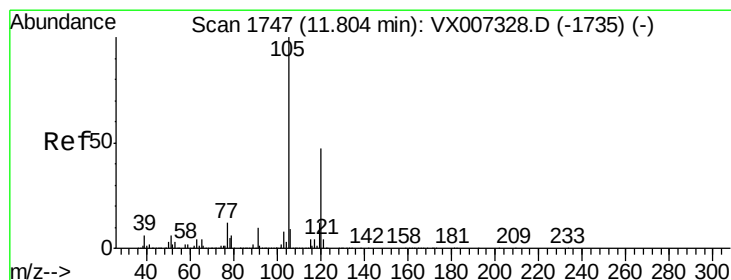
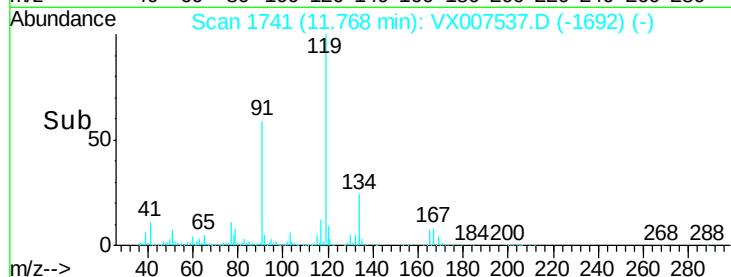
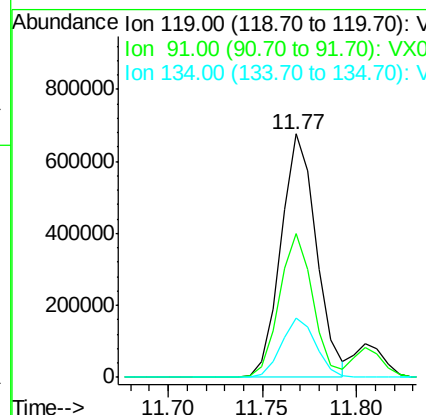
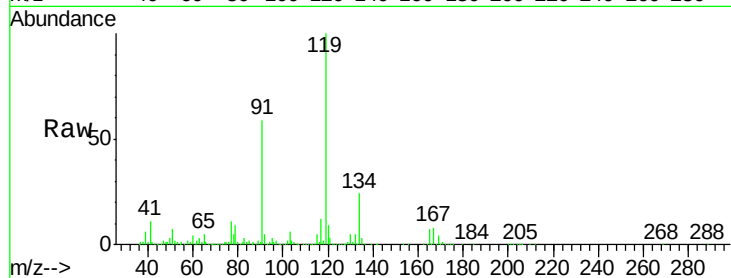




#83
 tert-Butylbenzene
 Concen: 50.494 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

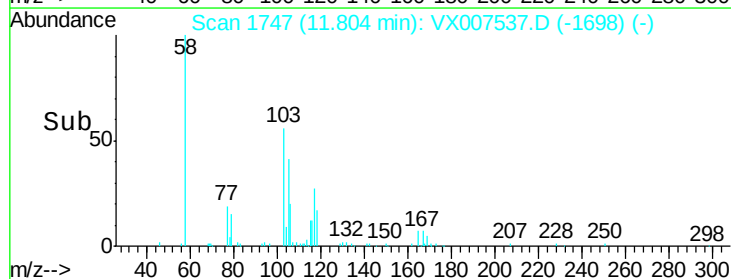
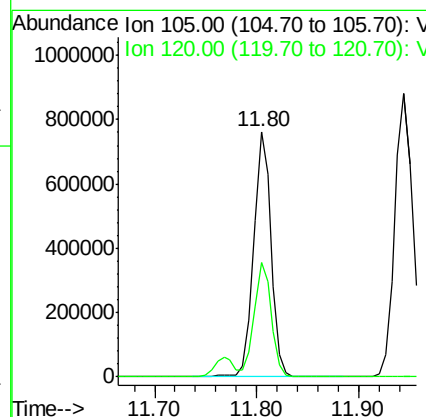
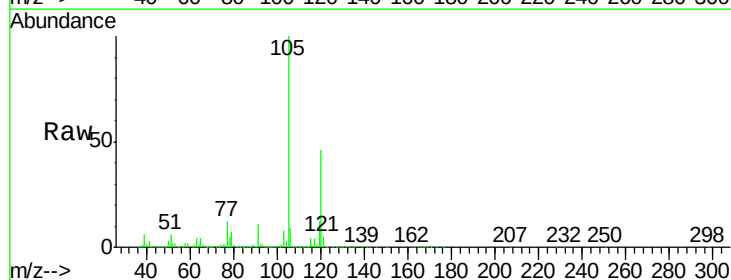
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

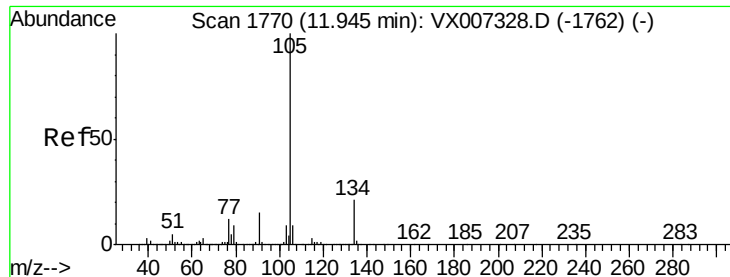
Tot Ion:119 Resp: 878571
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.5 85.6
 134 23.9 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.861 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Tgt Ion:105 Resp: 907456
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.596 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

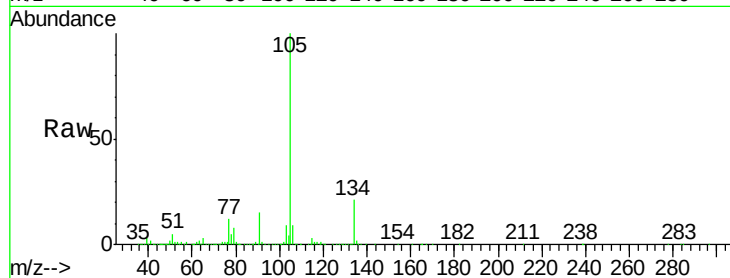
VSTDCCC050

Tot Ion:105 Resp: 1086560

Ion Ratio Lower Upper

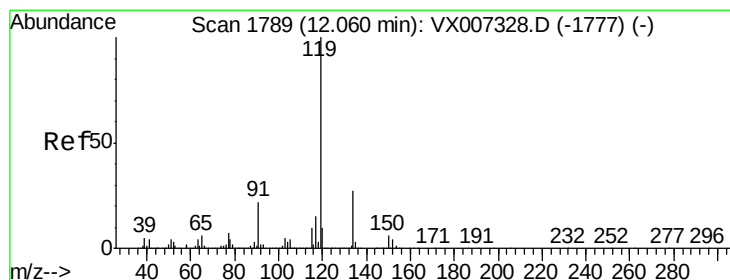
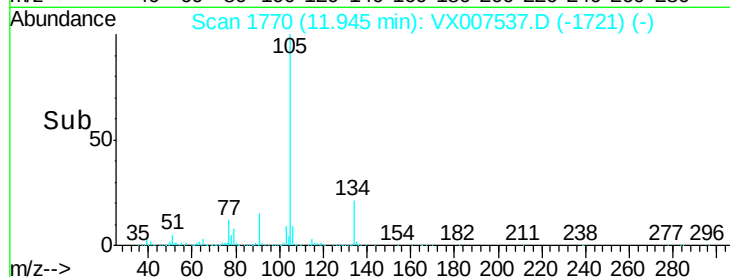
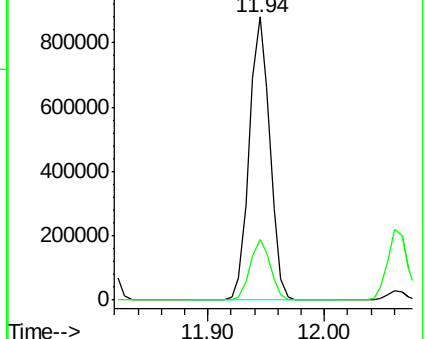
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.842 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

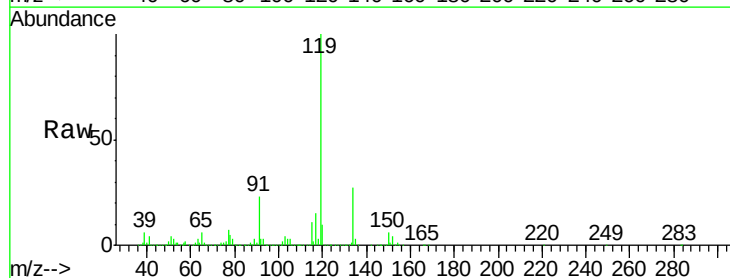
Tgt Ion:119 Resp: 966495

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

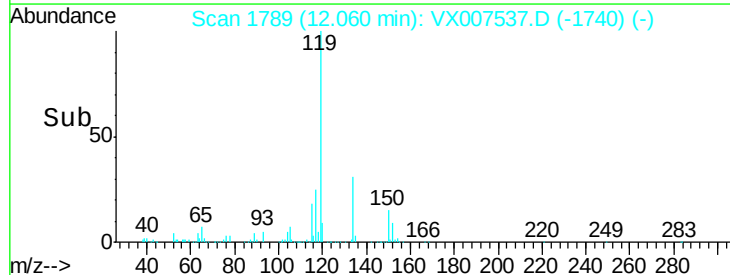
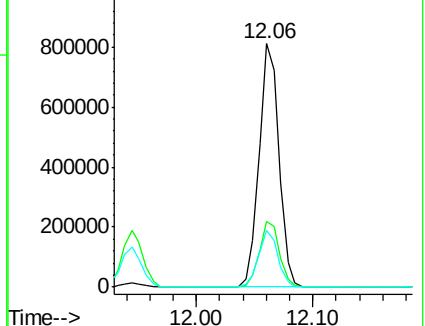
91 22.7 11.2 33.5

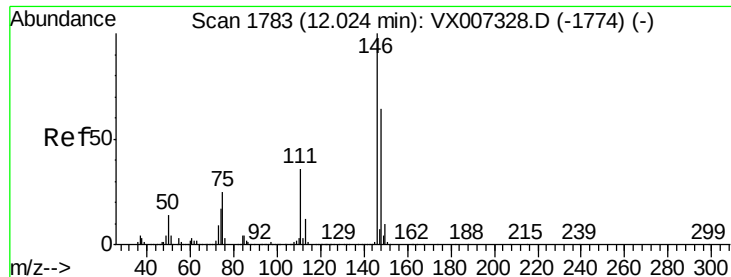


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

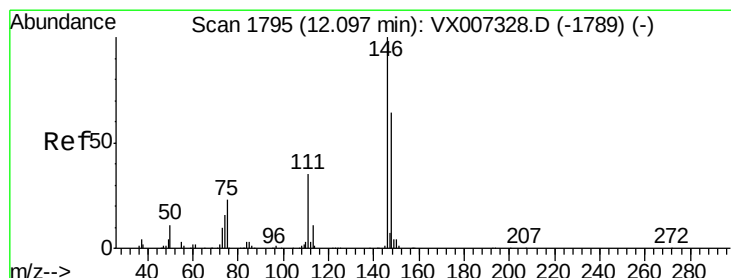
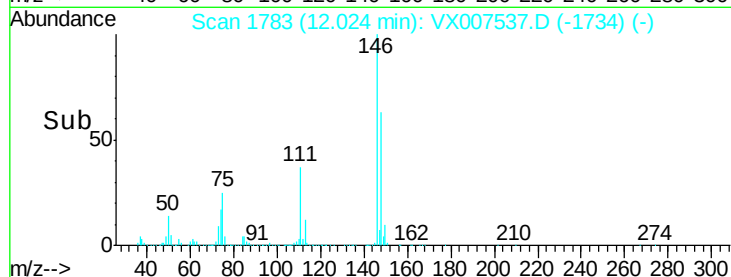
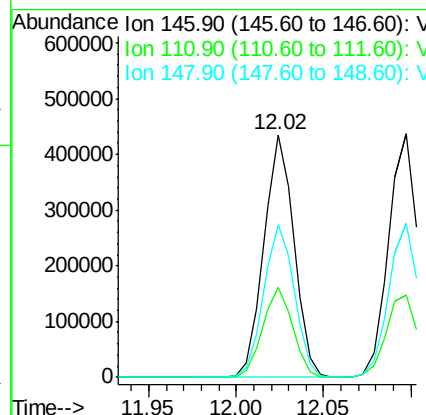
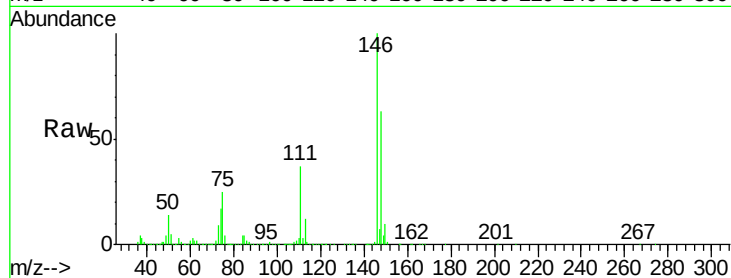




#87
 1,3-Dichlorobenzene
 Concen: 47.975 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

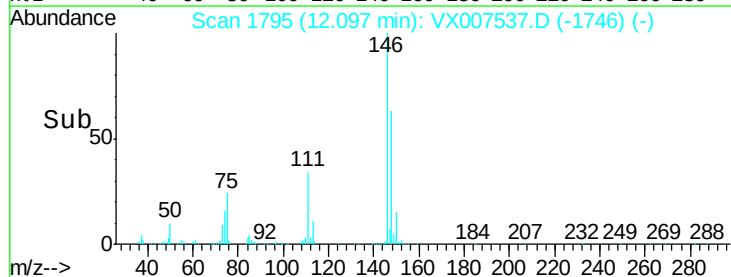
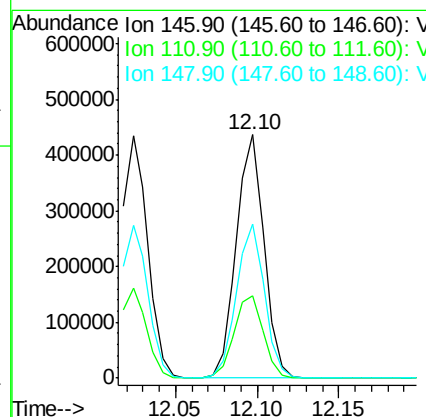
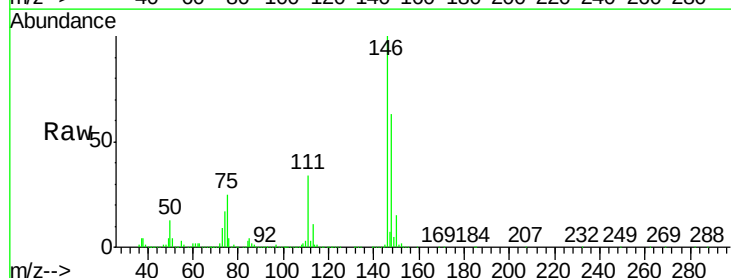
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

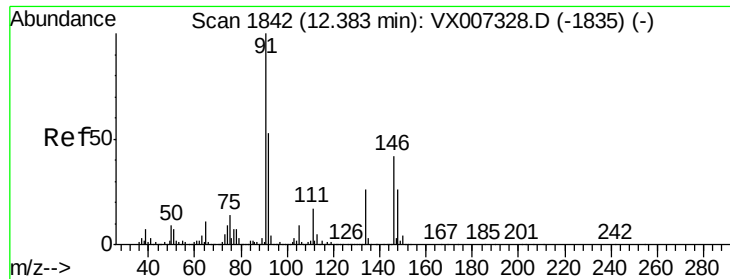
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.2	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.840 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	64.0	32.3	96.9





#89

n-Butylbenzene

Concen: 51.067 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007537.D

Acq: 14 Feb 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

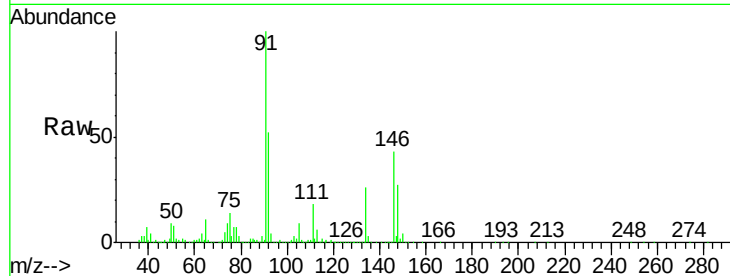
Tot Ion: 91 Resp: 835101

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.9

134 28.0 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX007328.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX007328.D (-1835) (-)

12.38

800000

600000

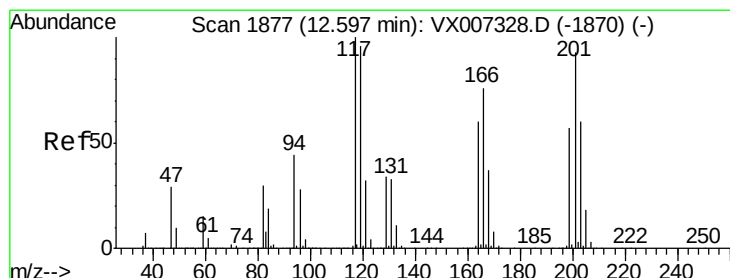
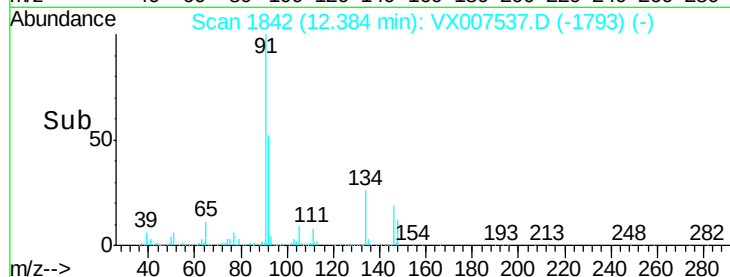
400000

200000

0

12.30 12.40

Time-->



#90

Hexachloroethane

Concen: 56.887 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007537.D

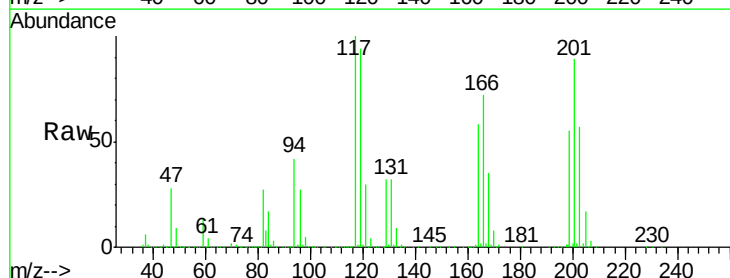
Acq: 14 Feb 2019 11:07

Tgt Ion: 117 Resp: 161849

Ion Ratio Lower Upper

117 100

201 86.7 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): VX007328.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX007328.D (-1870) (-)

12.60

150000

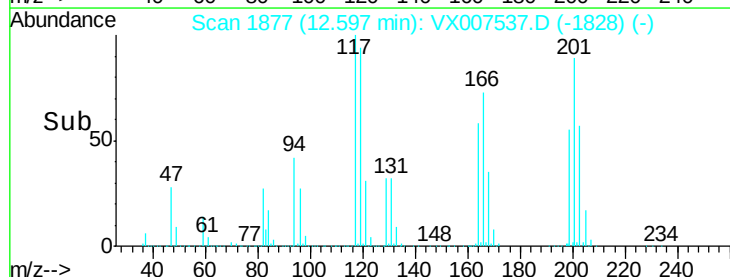
100000

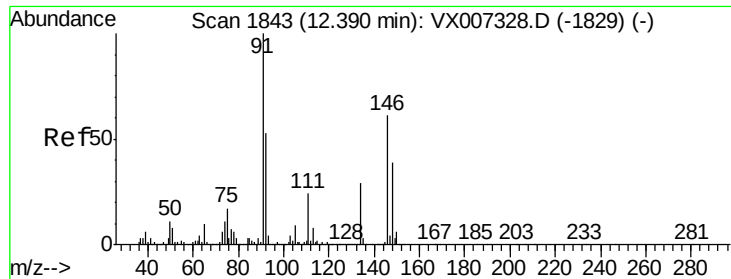
50000

0

12.50 12.55 12.60 12.65

Time-->

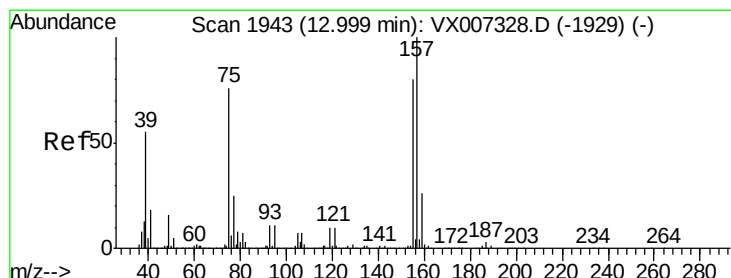
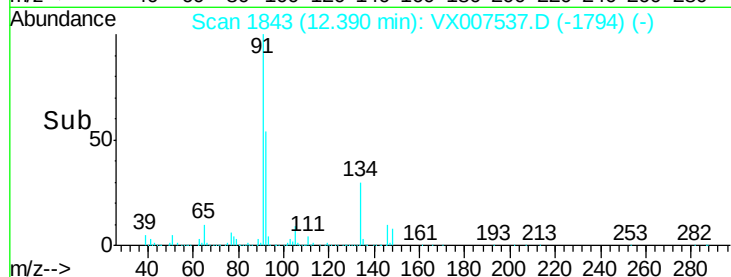
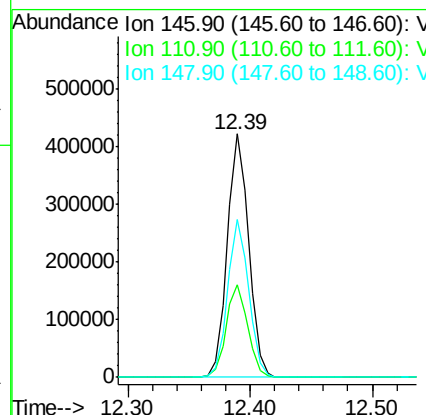
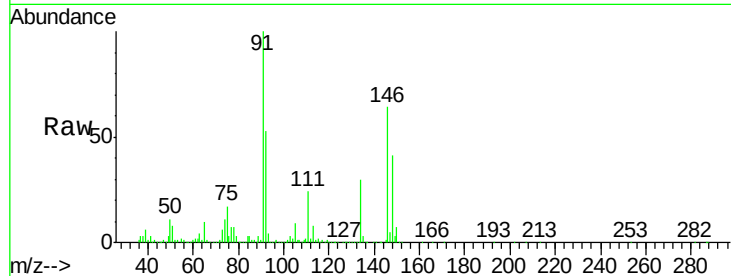




#91
 1,2-Dichlorobenzene
 Concen: 47.382 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

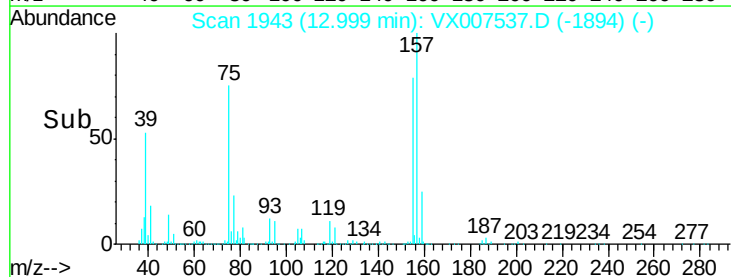
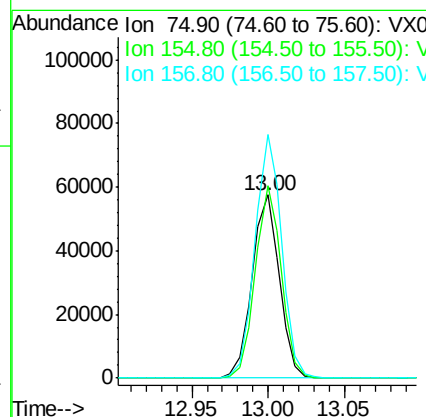
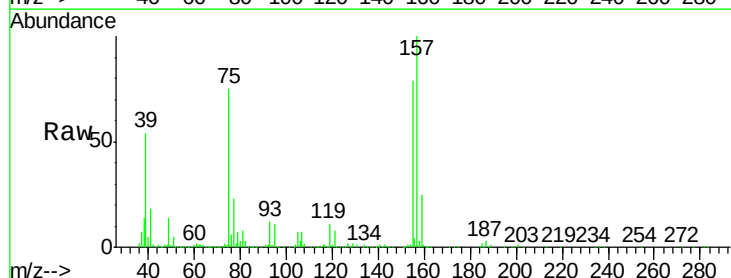
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

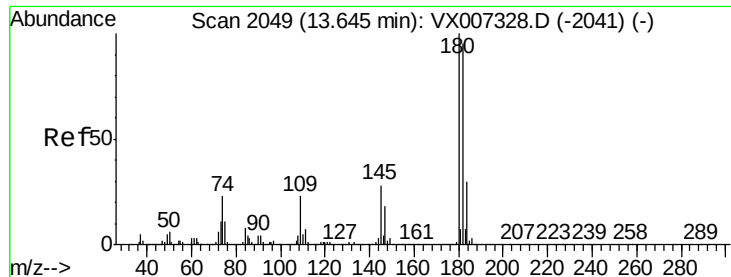
Tot Ion:146 Resp: 512195
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.3
 148 63.9 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.296 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Tgt Ion: 75 Resp: 71188
 Ion Ratio Lower Upper
 75 100
 155 100.4 49.6 149.0
 157 130.3 65.1 195.3

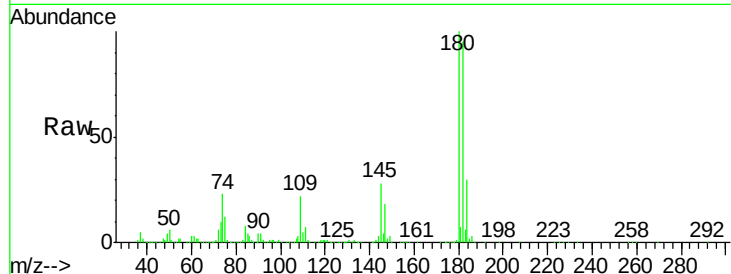




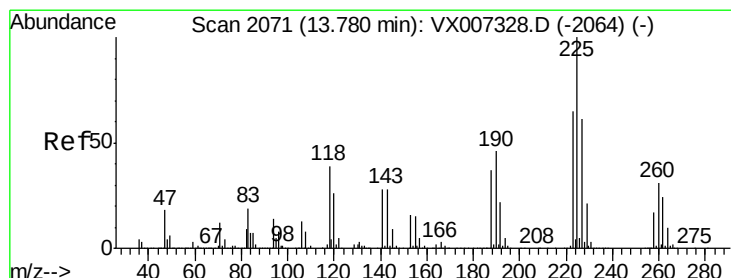
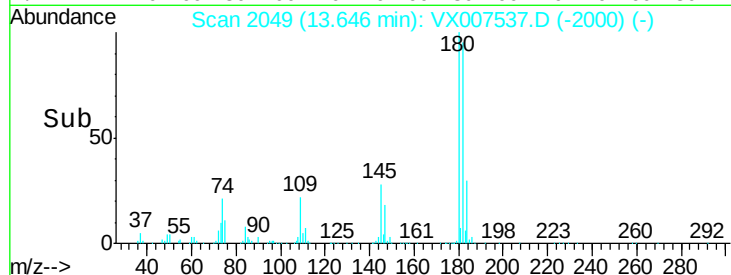
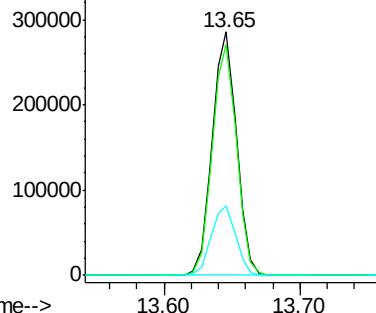
#93
 1,2,4-Trichlorobenzene
 Concen: 48.717 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.3
145	29.0	14.1	42.2

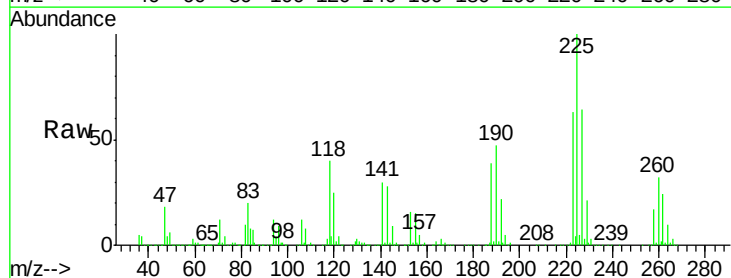


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

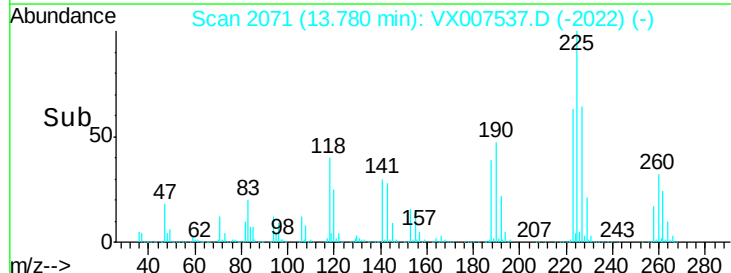
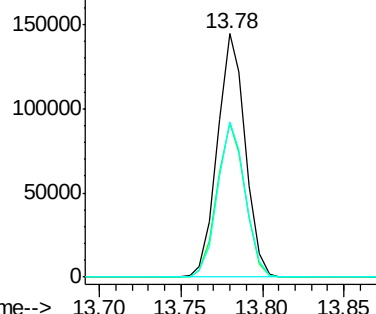


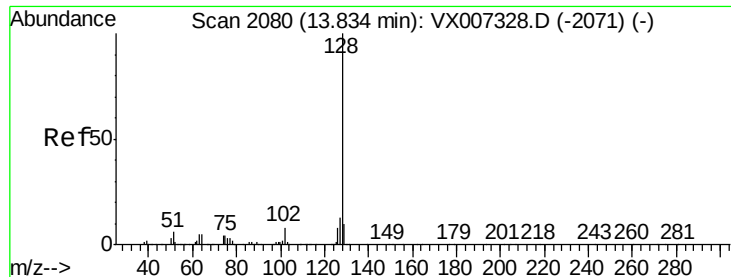
#94
 Hexachlorobutadiene
 Concen: 48.609 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007537.D
 Acq: 14 Feb 2019 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	94.8
227	63.1	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

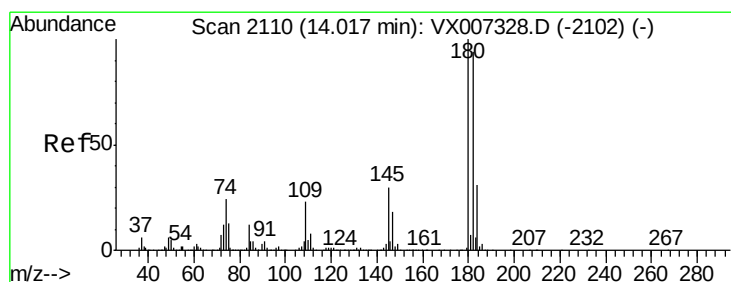
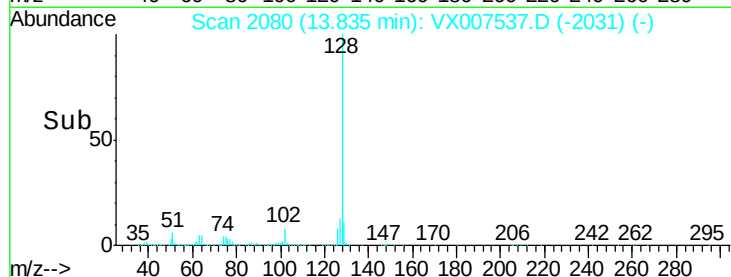
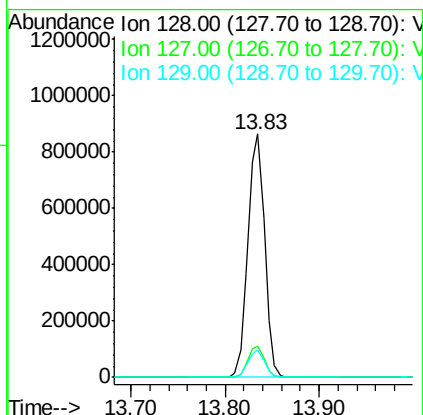
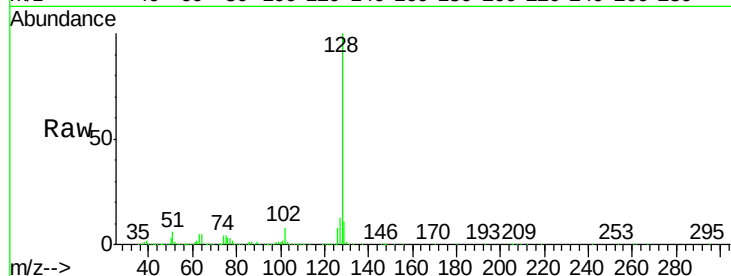




#95
Naphthalene
Concen: 50.435 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1075193
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.249 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007537.D
Acq: 14 Feb 2019 11:07

Tgt Ion:180 Resp: 354055
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.6
145 30.1 14.9 44.5

