

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX020320\
 Data File : VX014786.D
 Acq On : 03 Feb 2020 09:57
 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 03 11:25:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	427959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	579339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	297646	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	247096	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	5.48	113	200988	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	763552	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	271286	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	267463	46.60	ug/l	99
3) Chloromethane	1.32	50	269773	46.60	ug/l	100
4) Vinyl Chloride	1.41	62	313378	50.06	ug/l	100
5) Bromomethane	1.63	94	192824	45.35	ug/l	99
6) Chloroethane	1.72	64	176142	49.16	ug/l	99
7) Trichlorofluoromethane	1.92	101	353908	48.55	ug/l	99
8) Diethyl Ether	2.18	74	152221	47.85	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215129	50.28	ug/l	99
10) Methyl Iodide	2.50	142	285622	50.87	ug/l	99
11) Tert butyl alcohol	3.03	59	224570	200.15	ug/l	100
12) 1,1-Dichloroethene	2.37	96	203778	47.90	ug/l	99
13) Acrolein	2.28	56	215834	243.97	ug/l	99
14) Allyl chloride	2.72	41	378757	49.53	ug/l	98
15) Acrylonitrile	3.13	53	619213	238.52	ug/l	100
16) Acetone	2.43	43	795803	290.52	ug/l	99
17) Carbon Disulfide	2.56	76	536375	46.13	ug/l	100
18) Methyl Acetate	2.76	43	378055	48.36	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	708150	50.82	ug/l	98
20) Methylene Chloride	2.84	84	238434	47.04	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	220228	47.01	ug/l	95
22) Diisopropyl ether	3.84	45	785945	51.66	ug/l	94
23) Vinyl Acetate	3.80	43	3025046	260.84	ug/l	99
24) 1,1-Dichloroethane	3.69	63	412369	49.91	ug/l	99
25) 2-Butanone	4.65	43	968388	246.77	ug/l	100
26) 2,2-Dichloropropane	4.57	77	341899	51.70	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	255836	48.80	ug/l	99
28) Bromochloromethane	5.00	49	165782	45.66	ug/l	99
29) Tetrahydrofuran	5.11	42	534478	229.47	ug/l	99
30) Chloroform	5.19	83	412368	50.38	ug/l	98
31) Cyclohexane	5.56	56	370046	47.62	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	347820	50.28	ug/l	99
36) 1,1-Dichloropropene	5.79	75	307846	52.02	ug/l	99
37) Ethyl Acetate	4.81	43	330830	48.81	ug/l	99
38) Carbon Tetrachloride	5.77	117	301886	53.42	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX020320\
 Data File : VX014786.D
 Acq On : 03 Feb 2020 09:57
 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 03 11:25:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	378568	51.07	ug/l	97
40) Benzene	6.13	78	925035	50.59	ug/l	99
41) Methacrylonitrile	5.02	41	188077	48.63	ug/l	99
42) 1,2-Dichloroethane	6.18	62	332209	52.61	ug/l	99
43) Isopropyl Acetate	6.43	43	549739	49.53	ug/l	100
44) Trichloroethene	7.20	130	256594	49.68	ug/l	96
45) 1,2-Dichloropropane	7.50	63	247109	52.46	ug/l	100
46) Dibromomethane	7.65	93	161367	52.89	ug/l	99
47) Bromodichloromethane	7.89	83	325301	54.37	ug/l	98
48) Methyl methacrylate	7.76	41	275338	51.92	ug/l	98
49) 1,4-Dioxane	7.73	88	94908	844.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1720621	245.63	ug/l	100
52) Toluene	8.78	92	586809	52.21	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	354521	55.03	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	393881	55.57	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	241116	52.40	ug/l	98
56) Ethyl methacrylate	9.17	69	369948	47.51	ug/l	98
57) 1,3-Dichloropropane	9.36	76	407467	51.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	634691	274.26	ug/l	99
59) 2-Hexanone	9.48	43	1359378	250.08	ug/l	99
60) Dibromochloromethane	9.57	129	262547	54.66	ug/l	100
61) 1,2-Dibromoethane	9.67	107	252674	51.93	ug/l	99
64) Tetrachloroethene	9.33	164	272109	47.45	ug/l	96
65) Chlorobenzene	10.13	112	636192	51.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	241479	52.85	ug/l	100
67) Ethyl Benzene	10.25	91	1129948	53.40	ug/l	99
68) m/p-Xylenes	10.36	106	865424	107.96	ug/l	100
69) o-Xylene	10.69	106	411665	53.20	ug/l	99
70) Styrene	10.71	104	722200	55.63	ug/l	99
71) Bromoform	10.85	173	202131	55.63	ug/l #	99
73) Isopropylbenzene	11.01	105	1112576	53.16	ug/l	100
74) N-amyl acetate	10.89	43	471911	51.46	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	358509	47.98	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	421234	60.83	ug/l	92
77) Bromobenzene	11.25	156	287946	51.21	ug/l	98
78) n-propylbenzene	11.35	91	1289331	54.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	751607	52.29	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	943262	54.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	125930	51.75	ug/l	99
82) 4-Chlorotoluene	11.51	91	868907	53.10	ug/l	100
83) tert-Butylbenzene	11.76	119	890829	54.58	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	942803	54.11	ug/l	100
85) sec-Butylbenzene	11.94	105	1095674	54.80	ug/l	100
86) p-Isopropyltoluene	12.06	119	1017445	55.06	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	516831	51.15	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	519277	51.30	ug/l	100
89) n-Butylbenzene	12.39	91	895226	55.62	ug/l	99
90) Hexachloroethane	12.59	117	184622	53.79	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	514211	51.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76467	47.63	ug/l	98

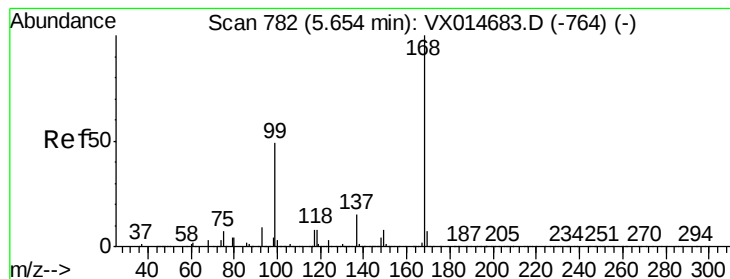
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020320\
Data File : VX014786.D
Acq On : 03 Feb 2020 09:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Feb 03 11:25:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	352061	54.41	ug/l	99
94) Hexachlorobutadiene	13.78	225	177896	53.42	ug/l	97
95) Naphthalene	13.83	128	1017263	48.78	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	349025	53.35	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

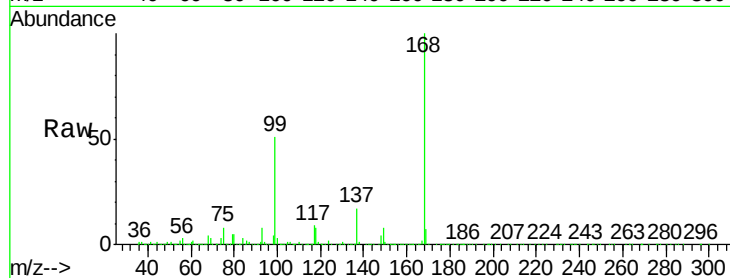
VSTDCCC050

Tgt Ion: 168 Resp: 427959

Ion Ratio Lower Upper

168 100

99 50.6 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

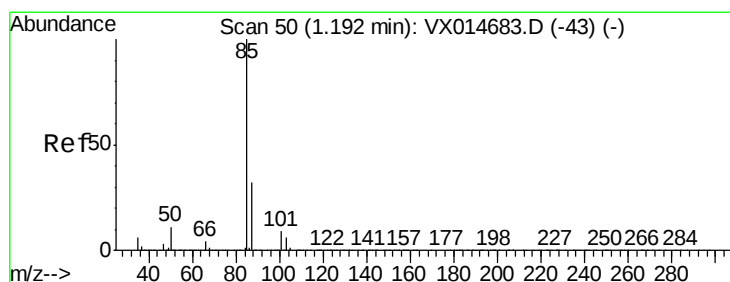
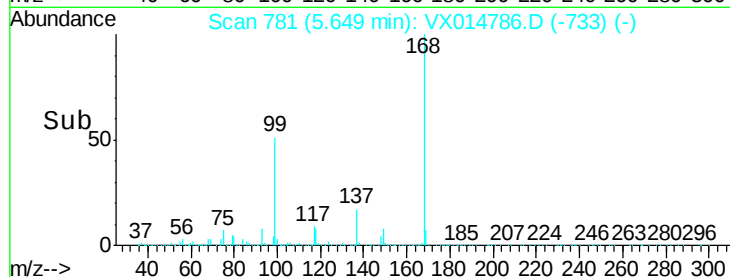
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.60 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014786.D

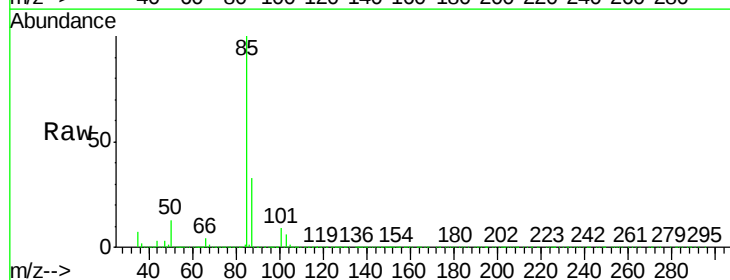
Acq: 03 Feb 2020 09:57

Tgt Ion: 85 Resp: 267463

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

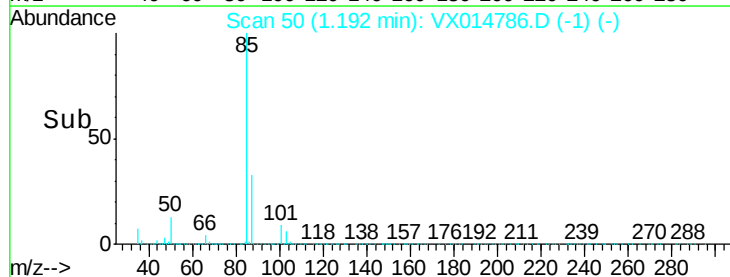
300000

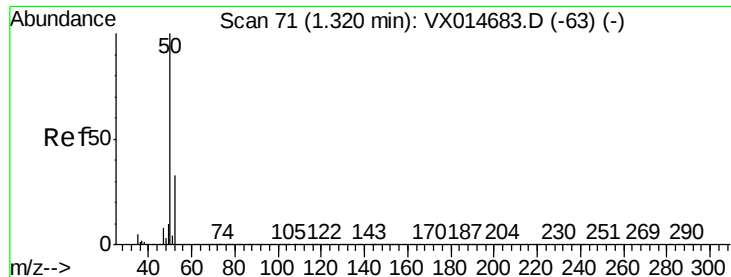
200000

100000

0

Time-->





#3

Chloromethane

Concen: 46.60 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

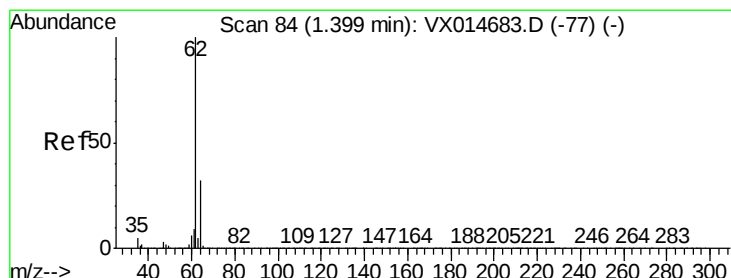
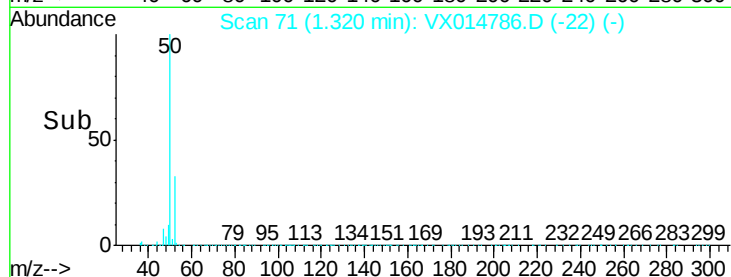
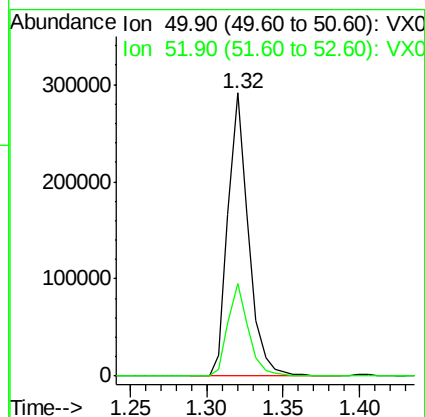
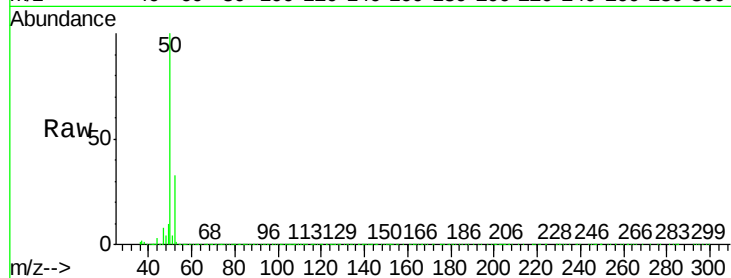
VSTDCCC050

Tgt Ion: 50 Resp: 269773

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 50.06 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014786.D

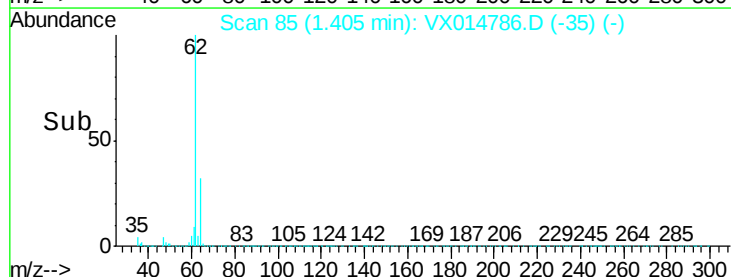
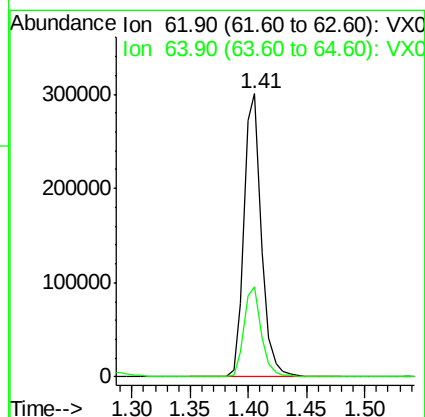
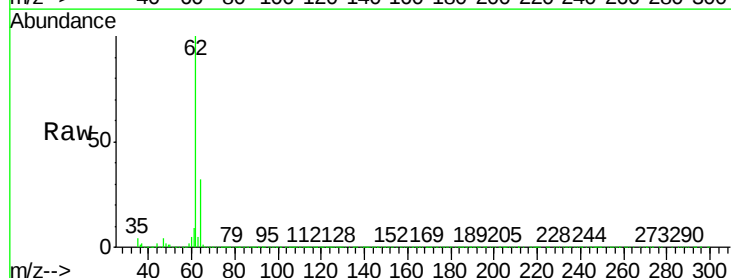
Acq: 03 Feb 2020 09:57

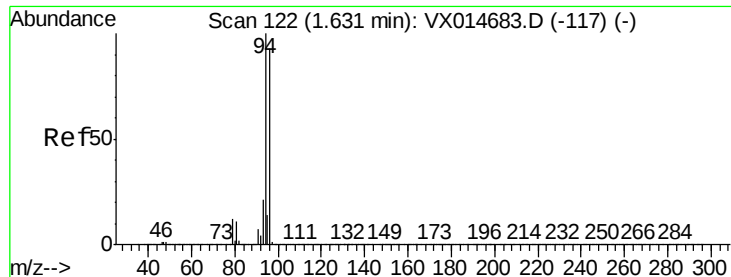
Tgt Ion: 62 Resp: 313378

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 45.35 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

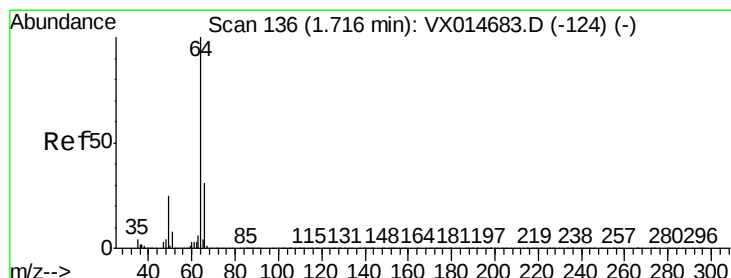
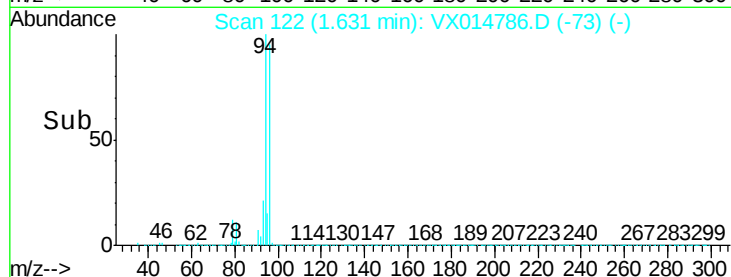
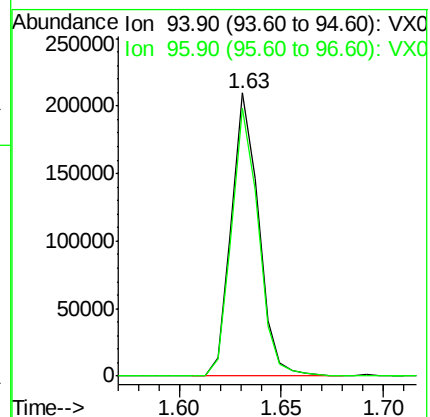
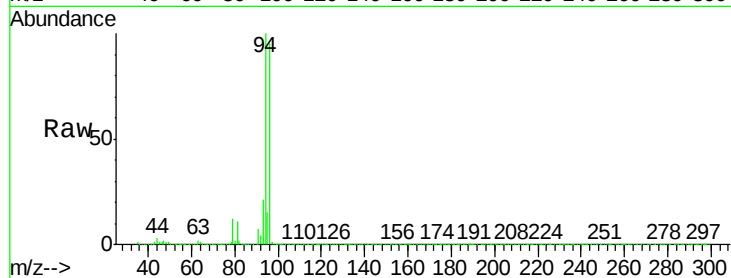
VSTDCCC050

Tgt Ion: 94 Resp: 192824

Ion Ratio Lower Upper

94 100

96 94.5 74.7 112.1



#6

Chloroethane

Concen: 49.16 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014786.D

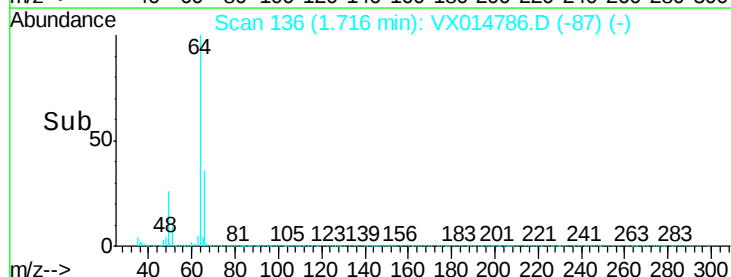
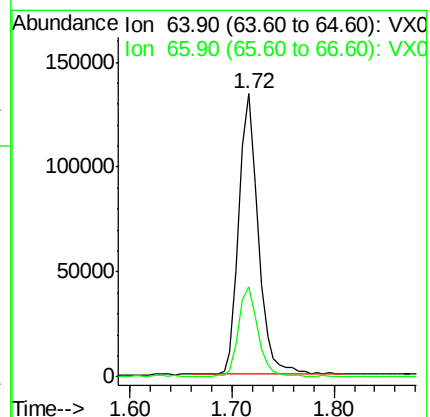
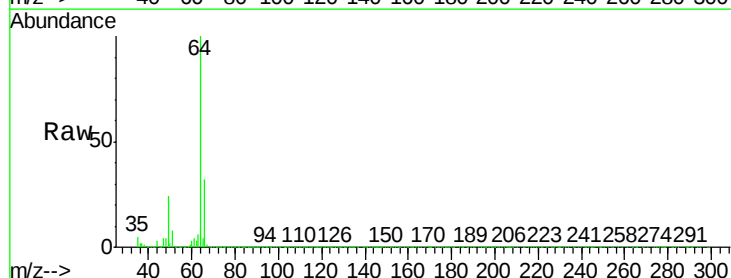
Acq: 03 Feb 2020 09:57

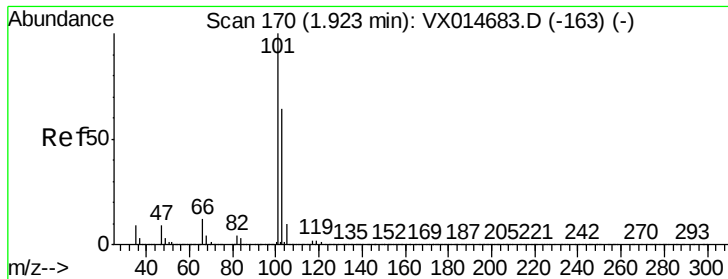
Tgt Ion: 64 Resp: 176142

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8



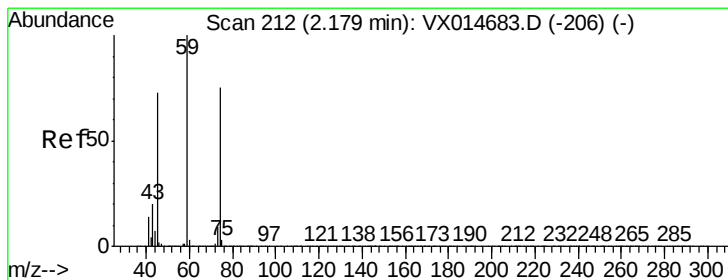
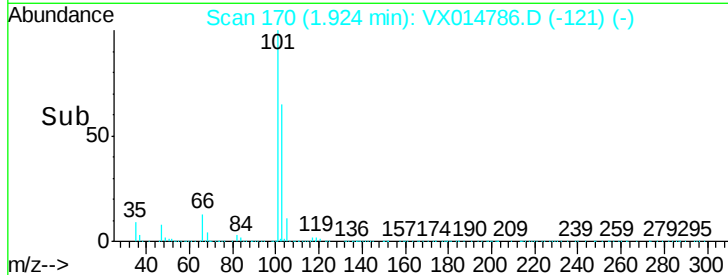
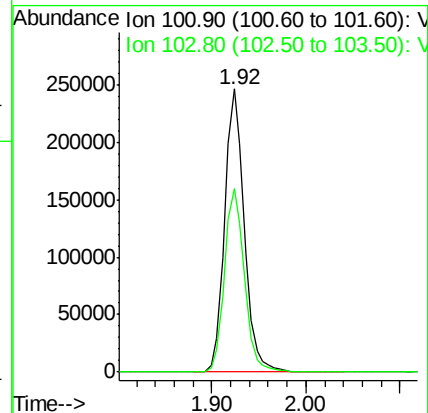
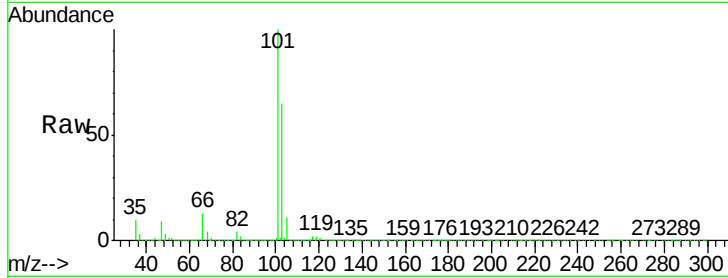


#7

Trichlorofluoromethane
 Concen: 48.55 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

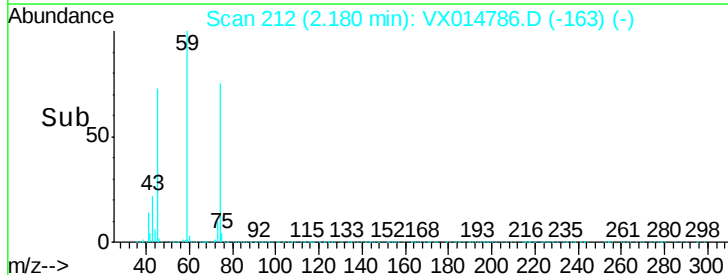
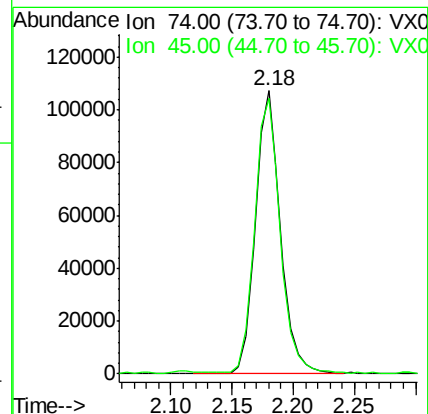
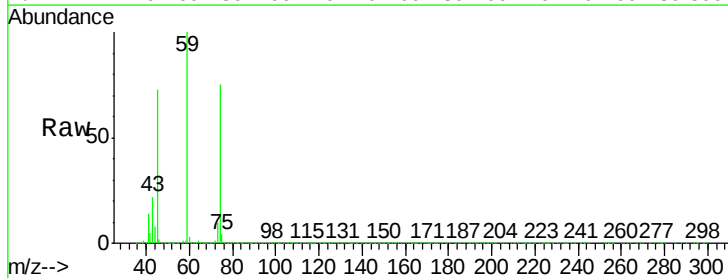
Tgt Ion:101 Resp: 353908
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.0 76.6

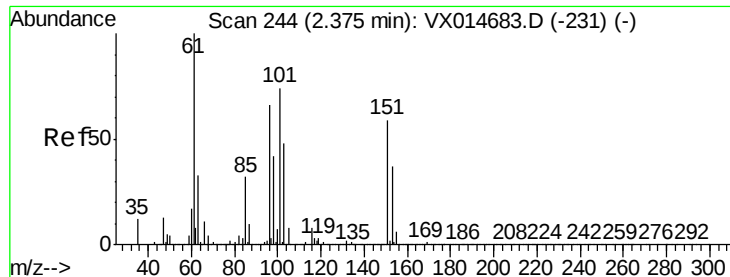


#8

Diethyl Ether
 Concen: 47.85 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion: 74 Resp: 152221
 Ion Ratio Lower Upper
 74 100
 45 98.5 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.28 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

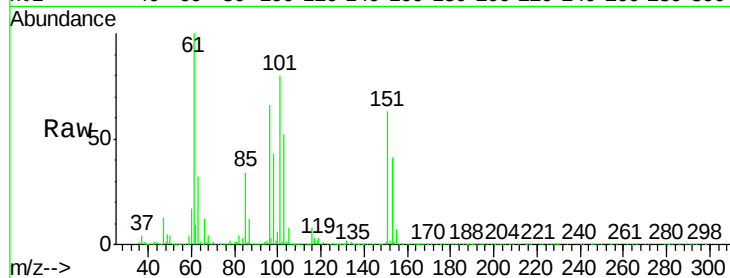
Tgt Ion:101 Resp: 215129

Ion Ratio Lower Upper

101 100

85 42.3 34.7 52.1

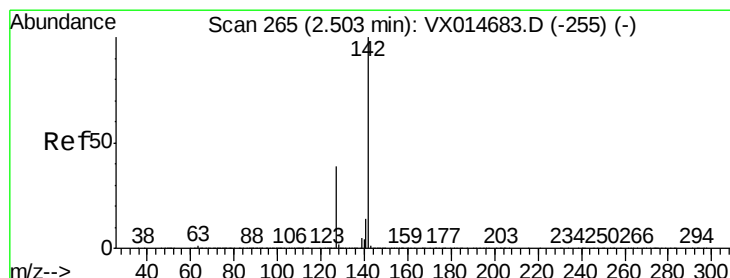
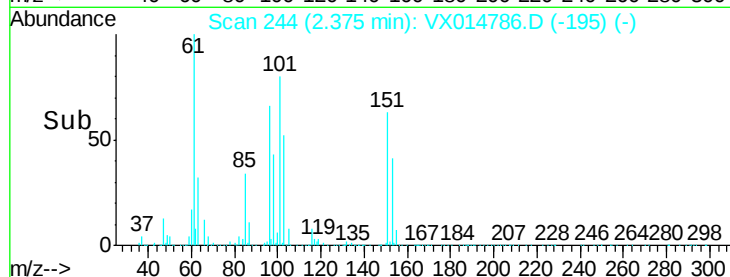
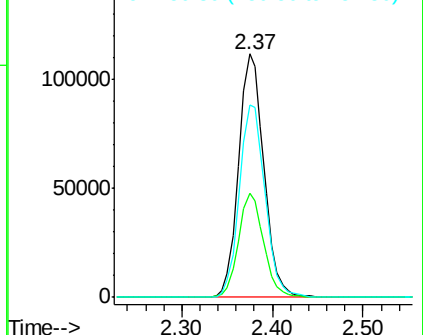
151 80.8 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.87 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

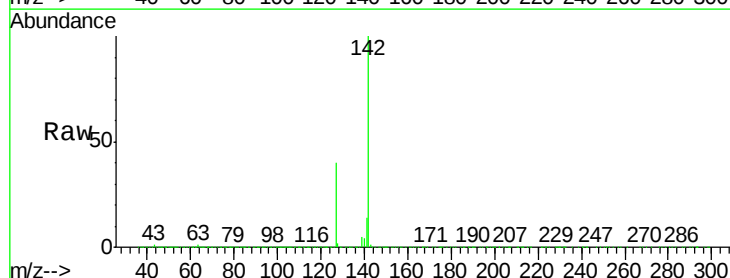
Tgt Ion:142 Resp: 285622

Ion Ratio Lower Upper

142 100

127 39.9 31.1 46.7

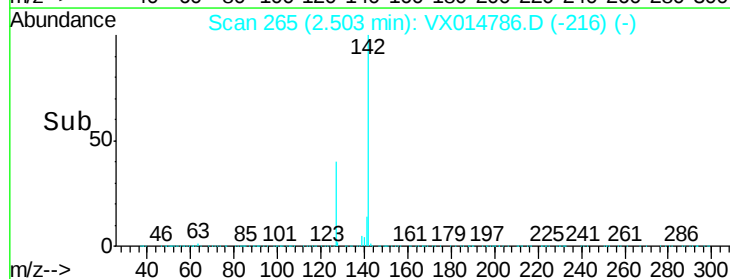
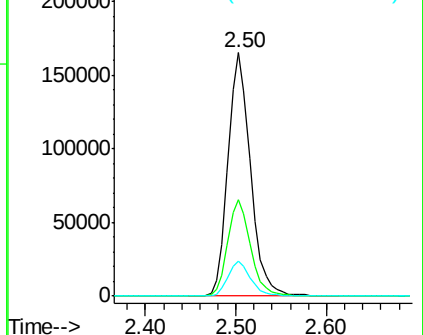
141 14.2 11.3 16.9

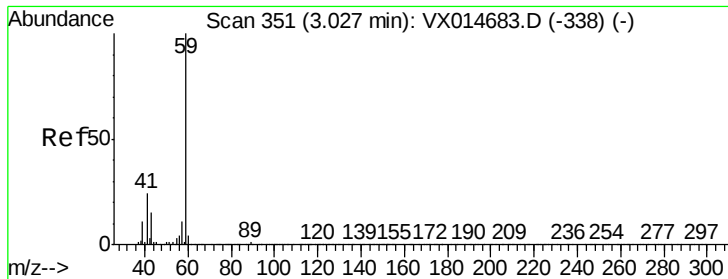


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

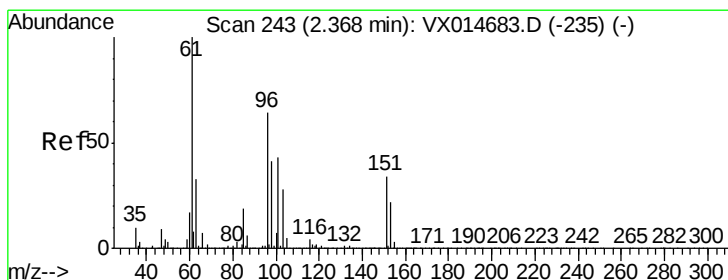
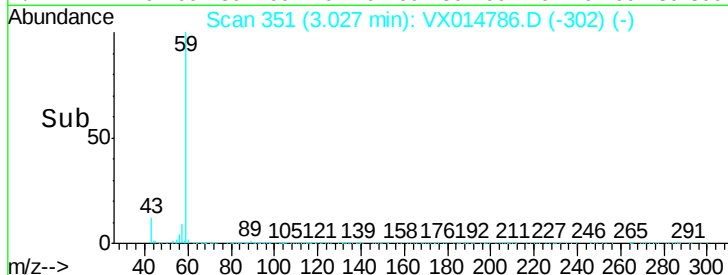
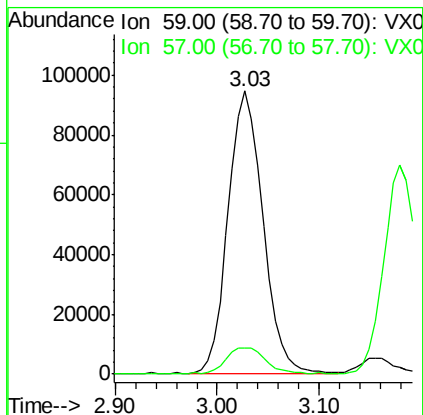
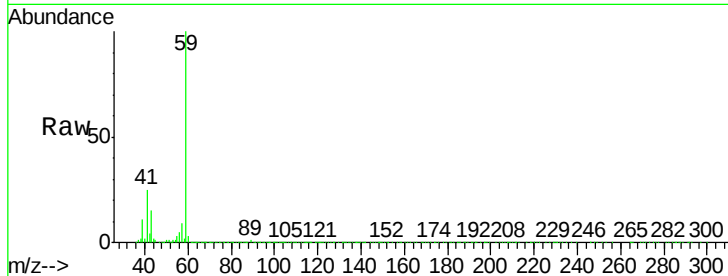




#11
Tert butyl alcohol
Concen: 200.15 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

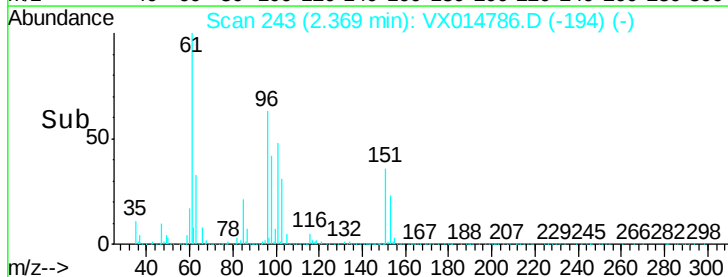
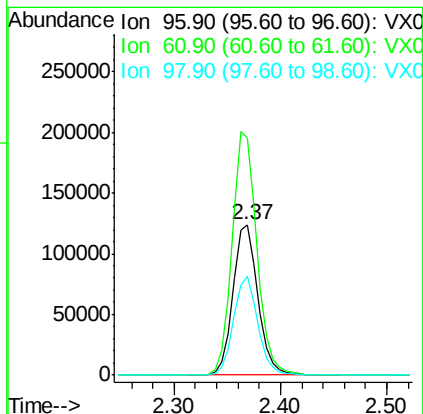
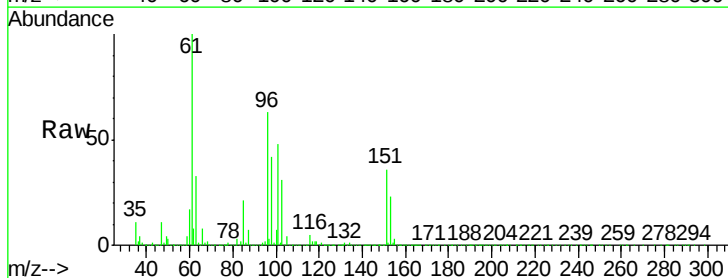
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

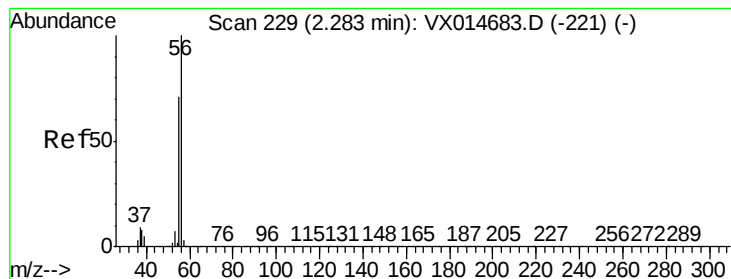
Tgt Ion: 59 Resp: 224570
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.90 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion: 96 Resp: 203778
Ion Ratio Lower Upper
96 100
61 157.9 125.8 188.8
98 65.5 51.5 77.3





#13

Acrolein

Concen: 243.97 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

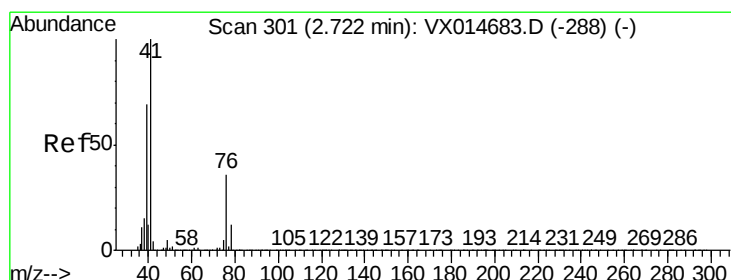
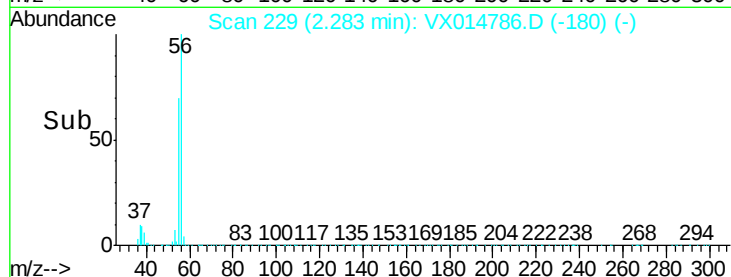
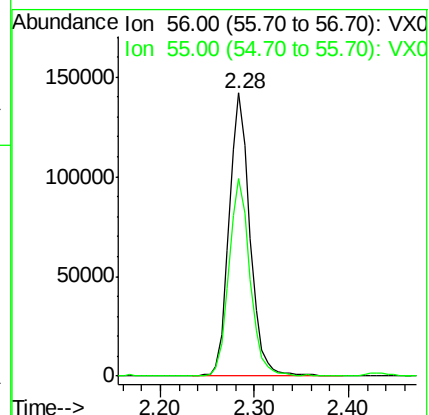
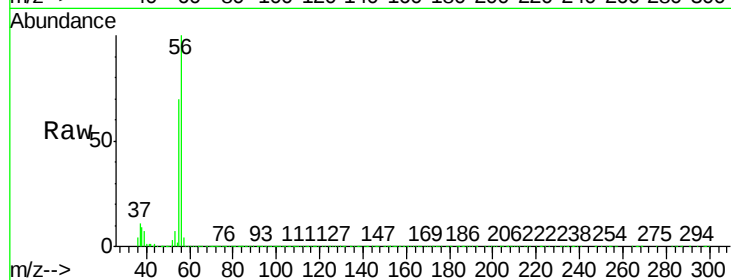
VSTDCCC050

Tgt Ion: 56 Resp: 215834

Ion Ratio Lower Upper

56 100

55 70.2 56.6 84.8



#14

Allyl chloride

Concen: 49.53 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

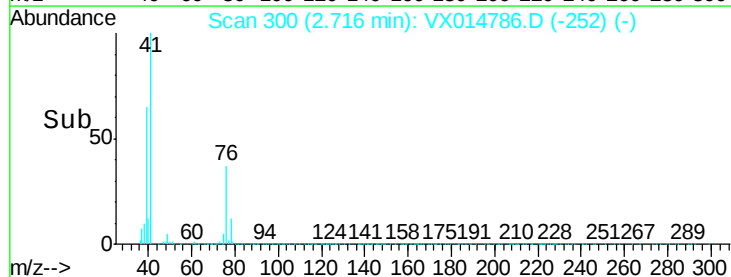
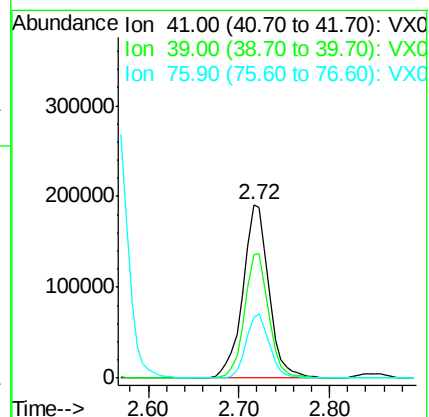
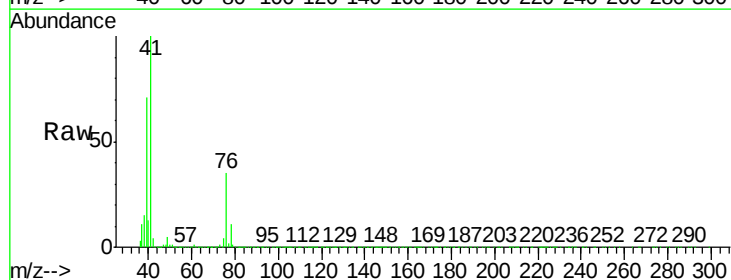
Tgt Ion: 41 Resp: 378757

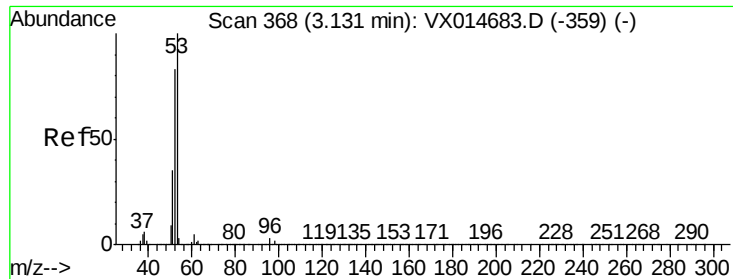
Ion Ratio Lower Upper

41 100

39 66.5 52.0 78.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 238.52 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

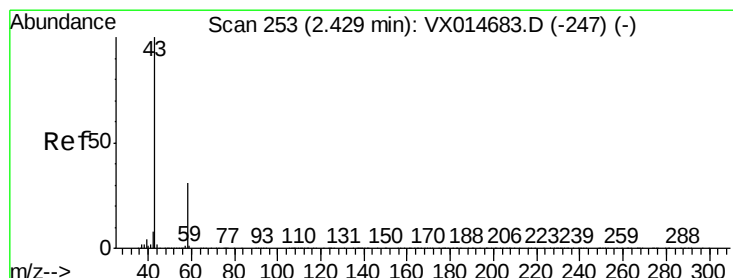
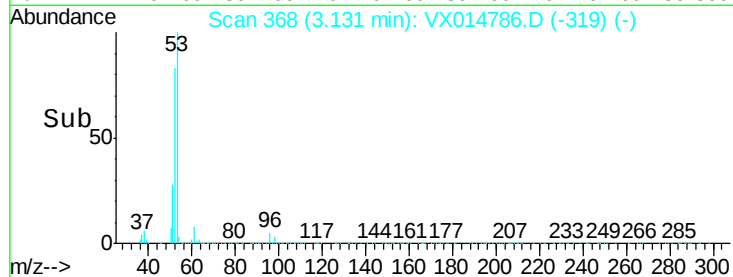
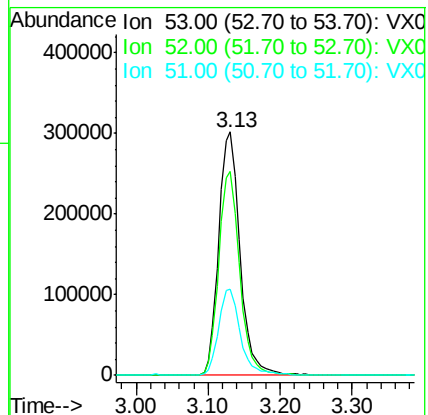
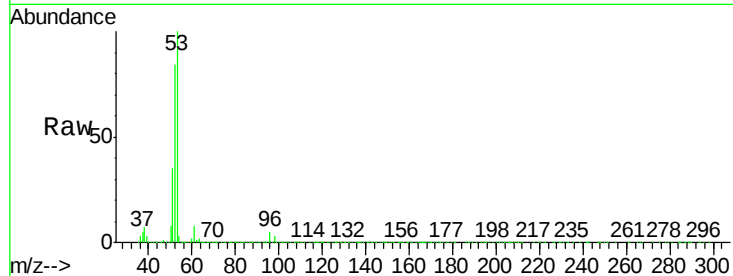
Tgt Ion: 53 Resp: 619213

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

51 35.9 28.7 43.1



#16

Acetone

Concen: 290.52 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014786.D

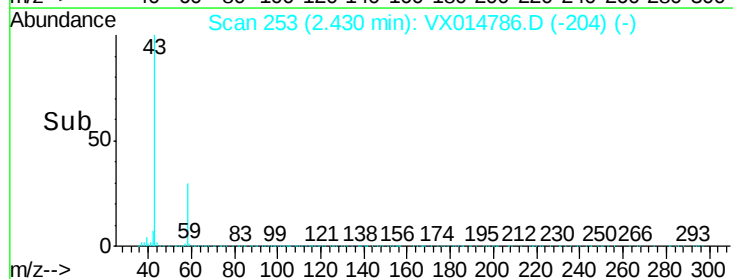
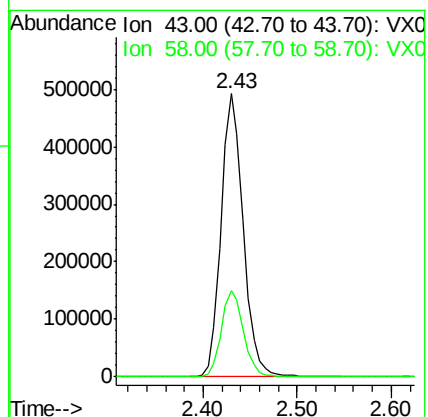
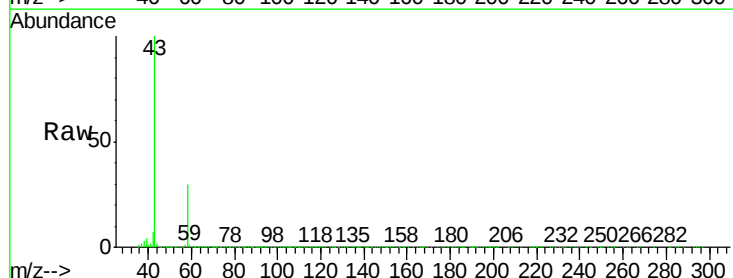
Acq: 03 Feb 2020 09:57

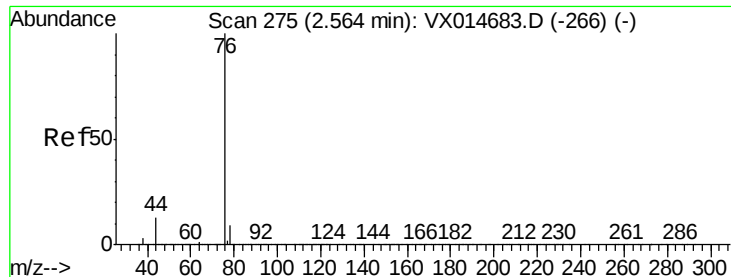
Tgt Ion: 43 Resp: 795803

Ion Ratio Lower Upper

43 100

58 30.3 24.5 36.7

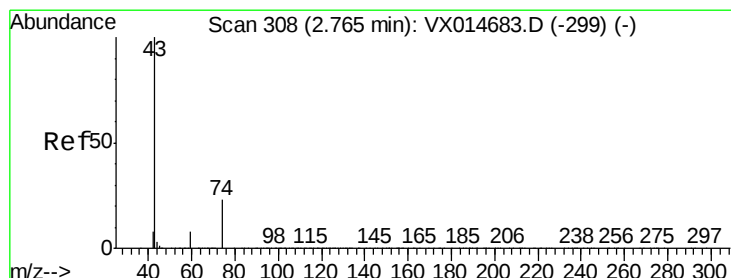
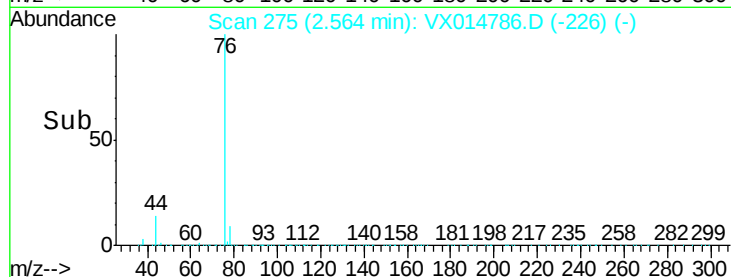
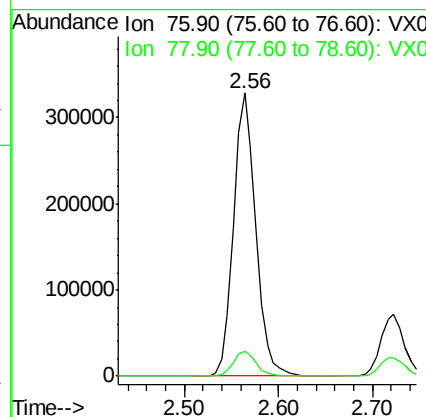
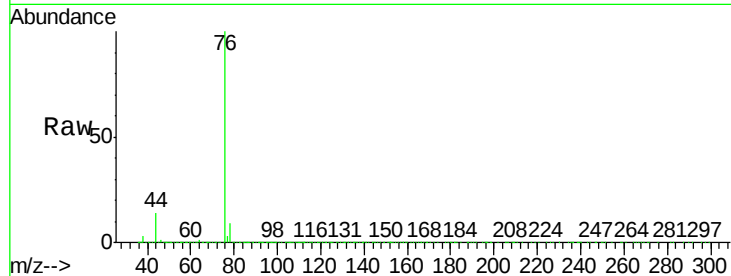




#17
Carbon Disulfide
Concen: 46.13 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

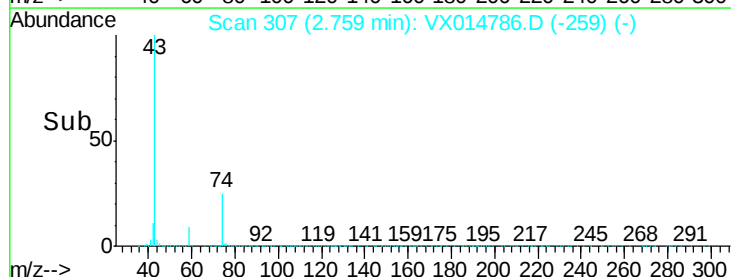
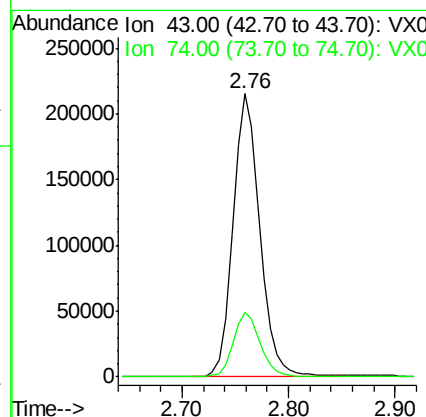
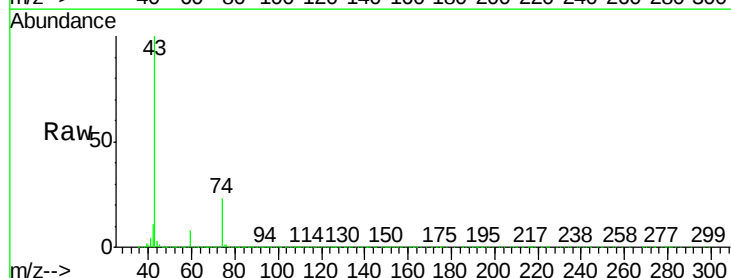
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

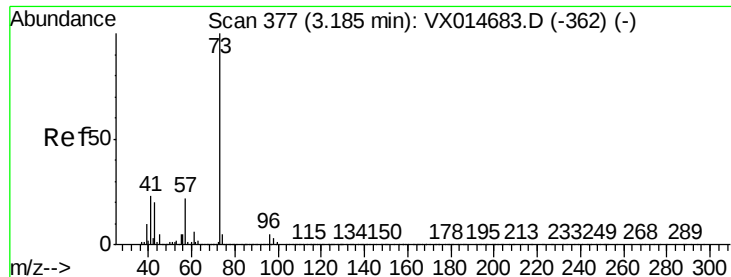
Tgt Ion: 76 Resp: 536375
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 48.36 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion: 43 Resp: 378055
Ion Ratio Lower Upper
43 100
74 23.0 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 50.82 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

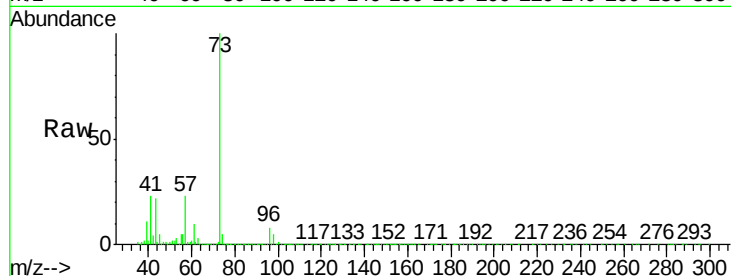
VSTDCCC050

Tgt Ion: 73 Resp: 708150

Ion Ratio Lower Upper

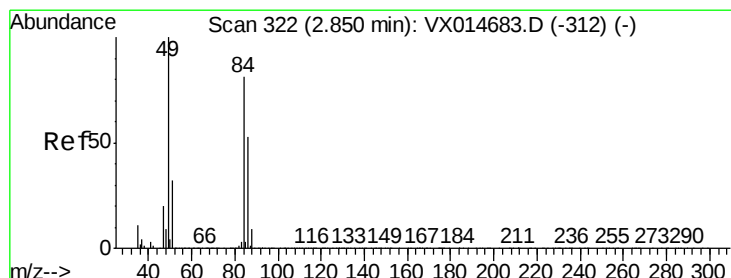
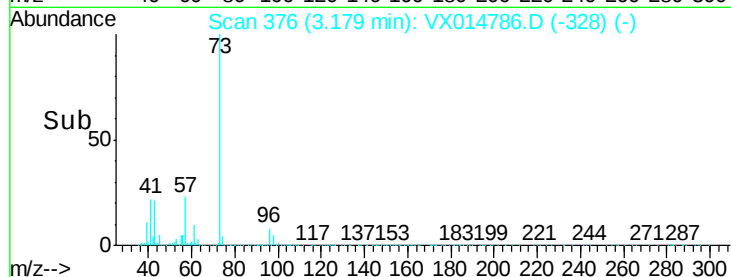
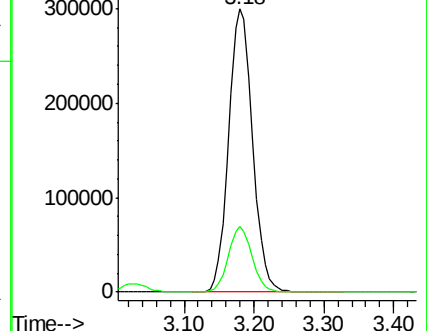
73 100

57 23.3 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 47.04 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion: 84 Resp: 238434

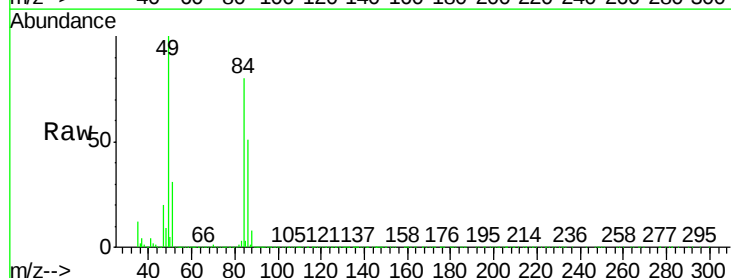
Ion Ratio Lower Upper

84 100

49 124.4 98.2 147.4

51 38.6 31.3 46.9

86 63.3 51.8 77.6

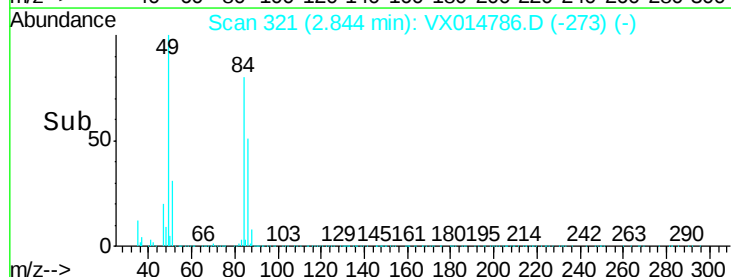
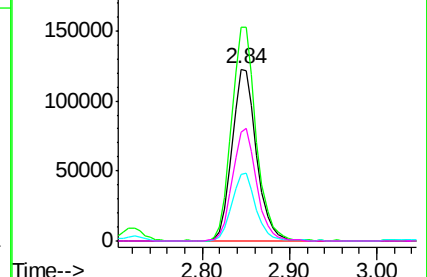


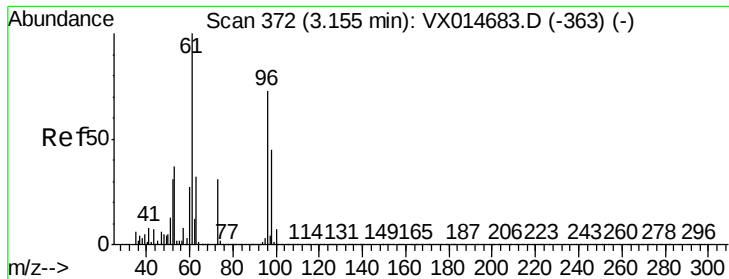
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 47.01 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

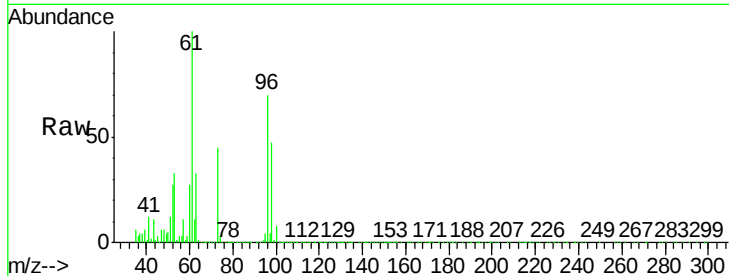
Tgt Ion: 96 Resp: 220228

Ion Ratio Lower Upper

96 100

61 143.1 109.8 164.6

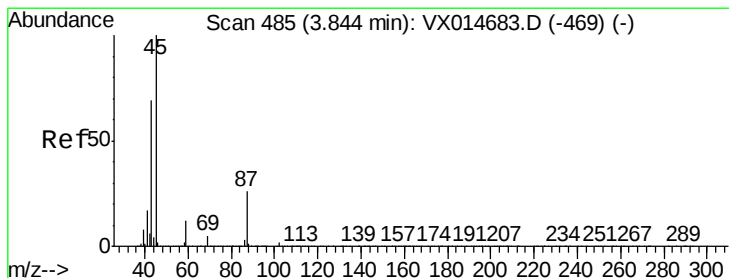
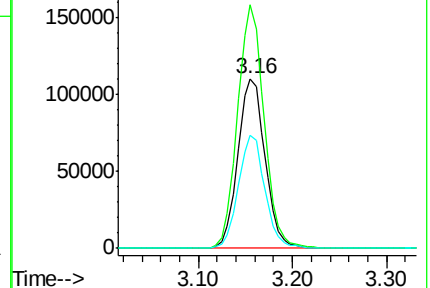
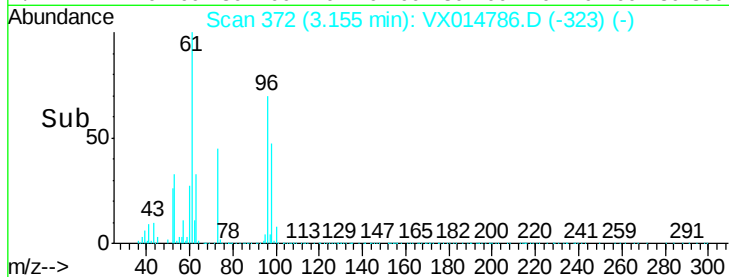
98 66.7 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.66 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion: 45 Resp: 785945

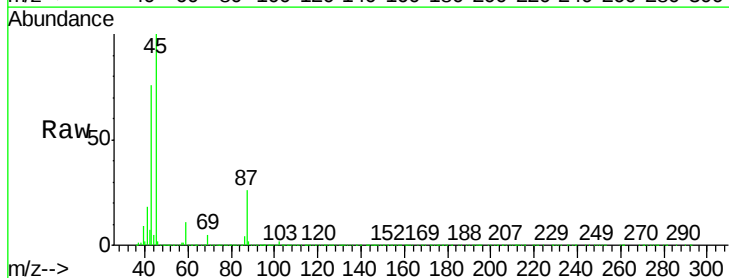
Ion Ratio Lower Upper

45 100

43 76.0 55.1 82.7

87 26.1 20.7 31.1

59 11.3 9.2 13.8

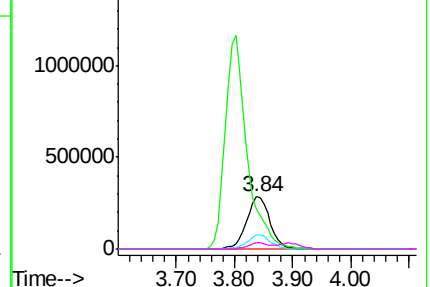
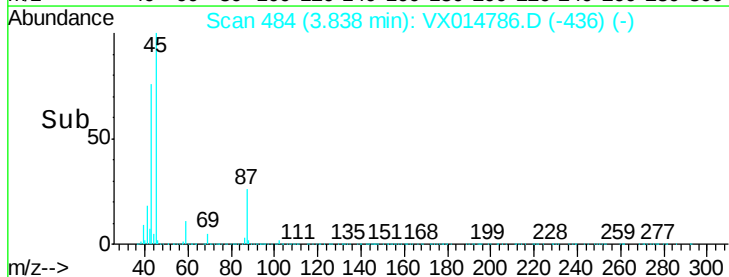


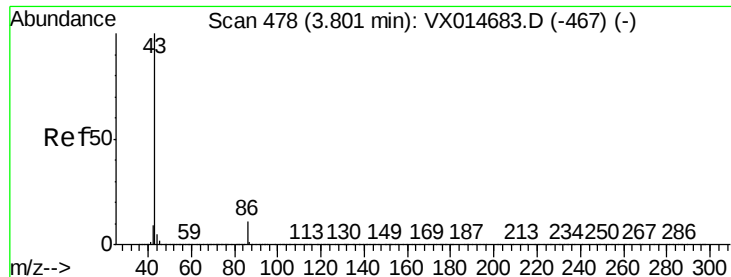
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.84 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

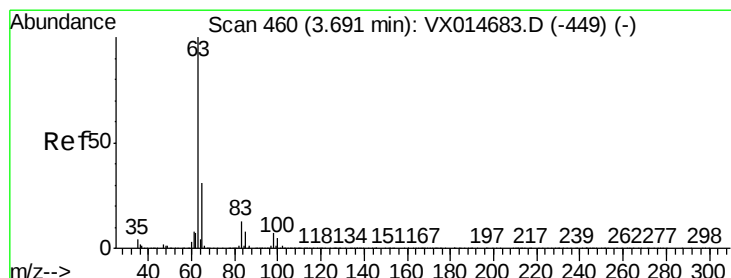
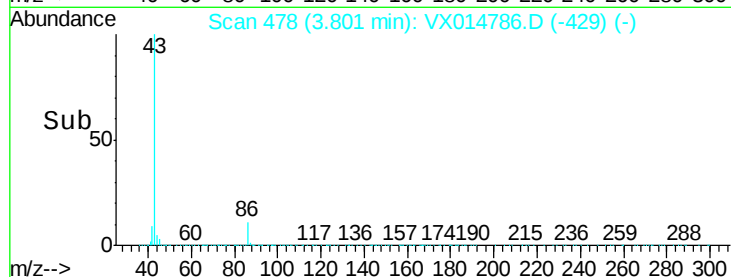
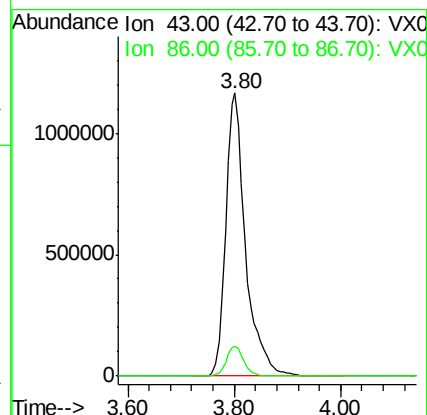
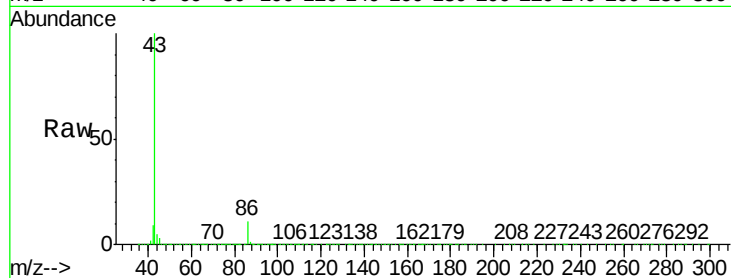
VSTDCCC050

Tgt Ion: 43 Resp: 3025046

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 49.91 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

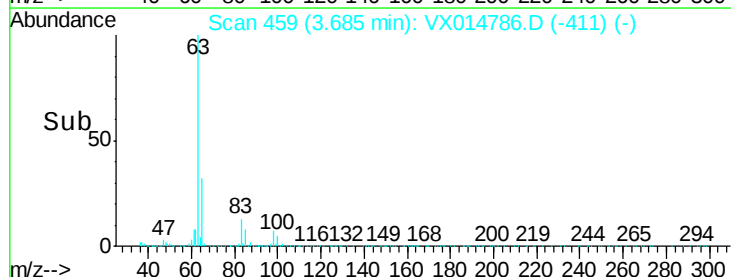
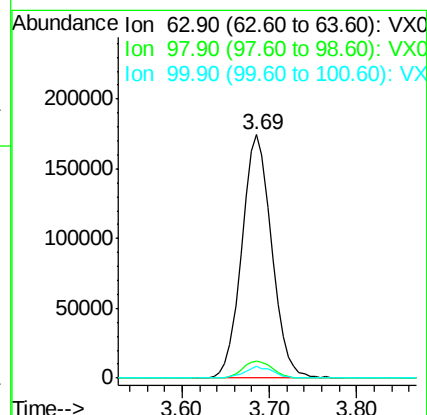
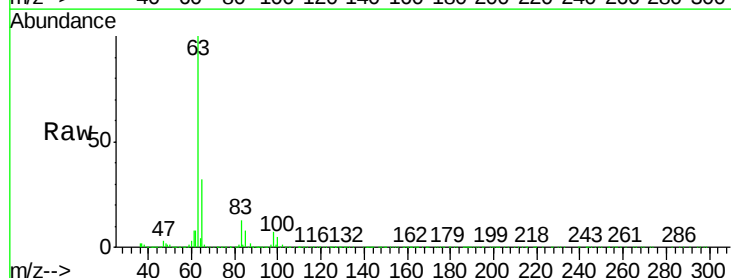
Tgt Ion: 63 Resp: 412369

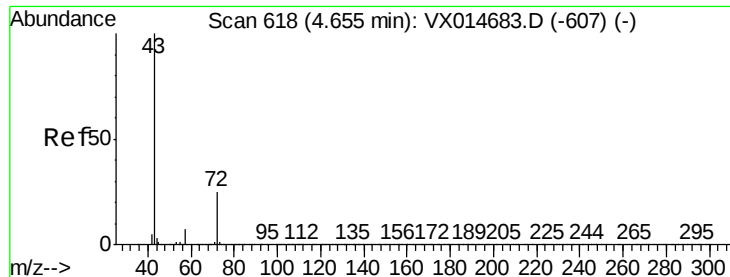
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 246.77 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

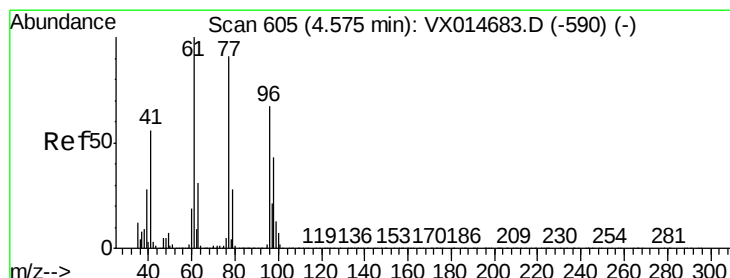
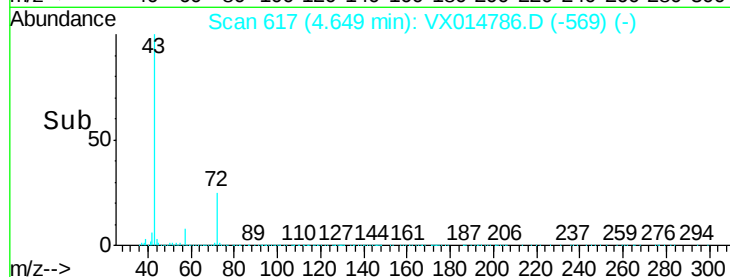
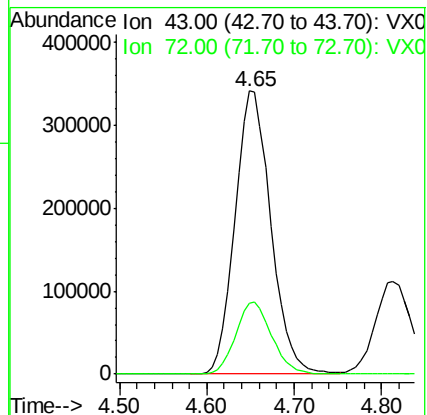
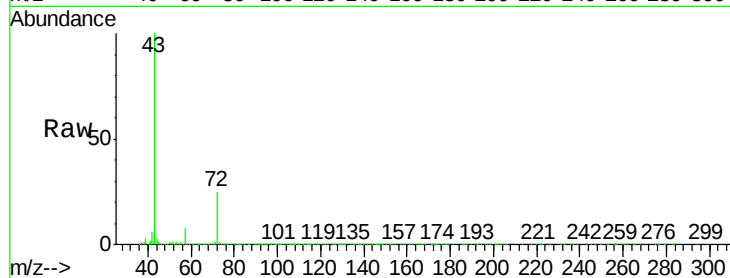
VSTDCCC050

Tgt Ion: 43 Resp: 968388

Ion Ratio Lower Upper

43 100

72 25.1 19.9 29.9



#26

2,2-Dichloropropane

Concen: 51.70 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014786.D

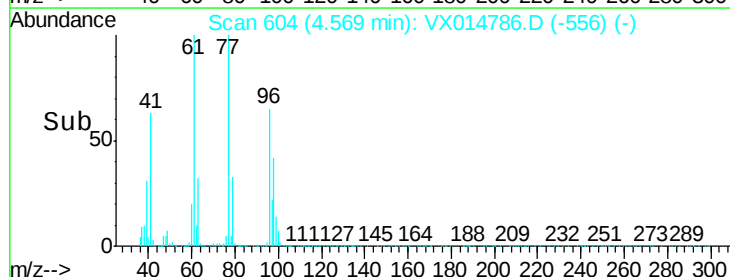
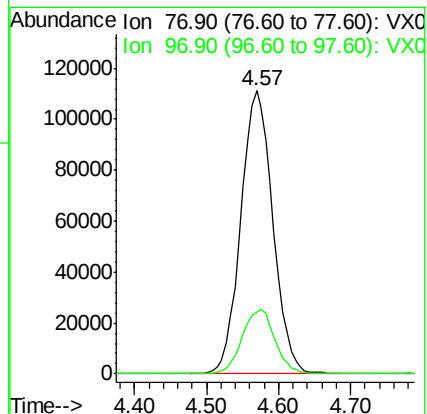
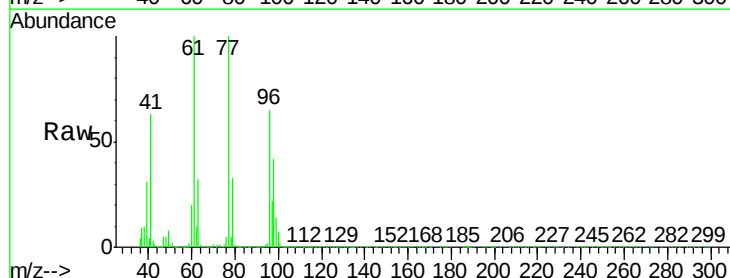
Acq: 03 Feb 2020 09:57

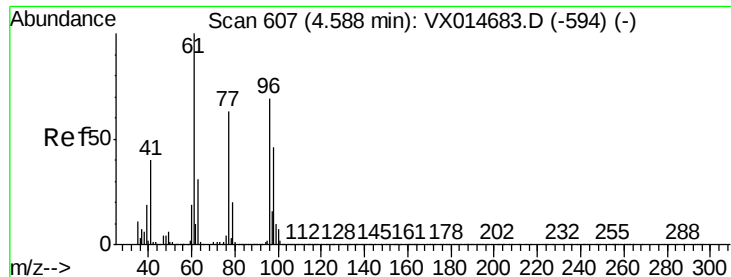
Tgt Ion: 77 Resp: 341899

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.80 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

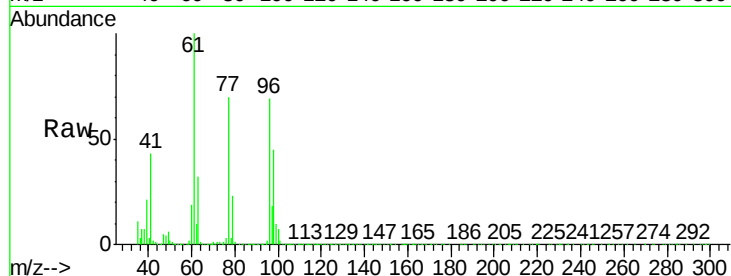
Tgt Ion: 96 Resp: 255836

Ion Ratio Lower Upper

96 100

61 147.6 0.0 291.0

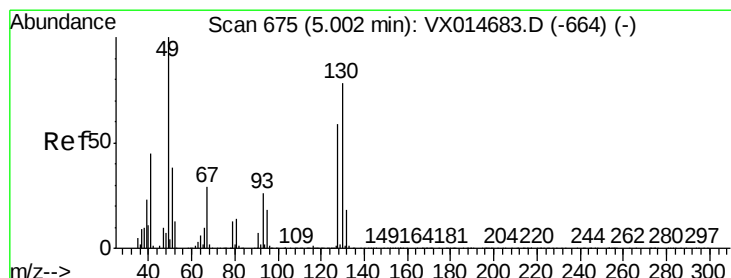
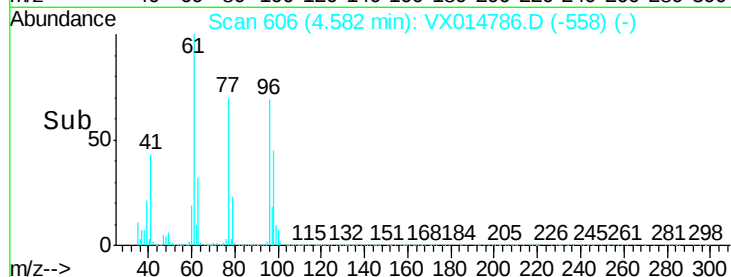
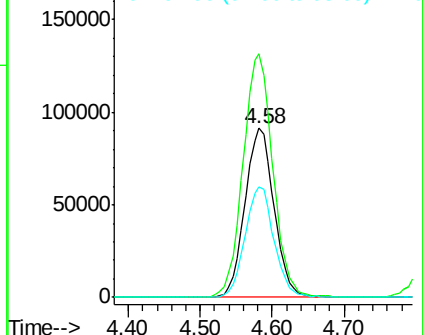
98 65.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 45.66 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

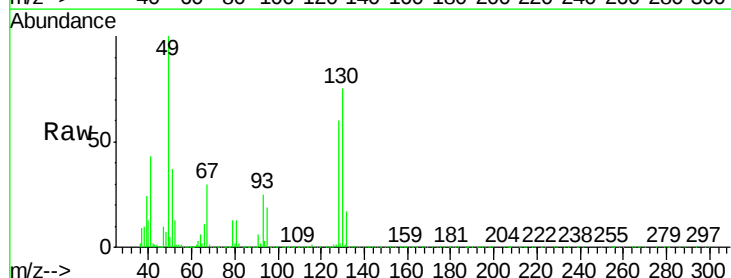
Tgt Ion: 49 Resp: 165782

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

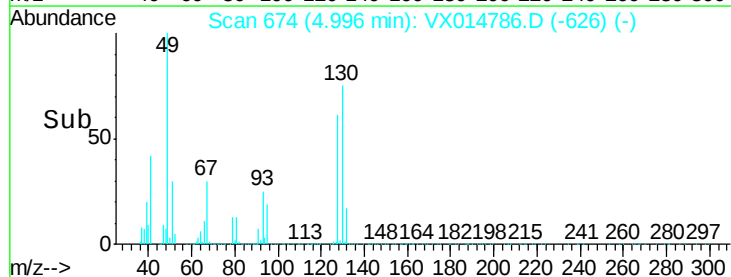
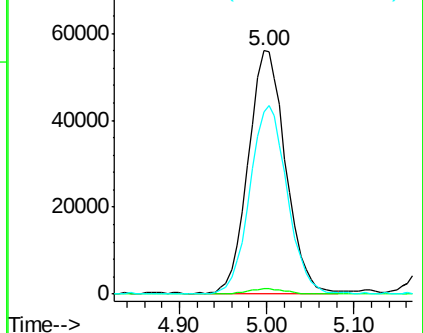
130 77.5 62.4 93.6

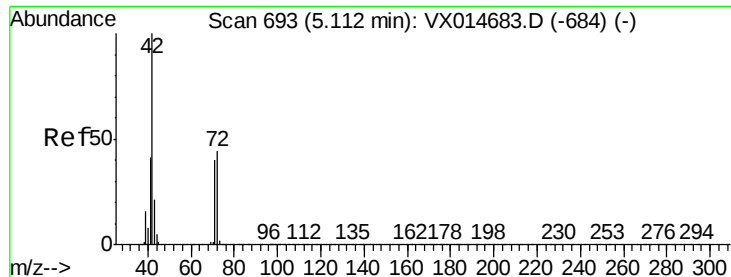


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 229.47 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

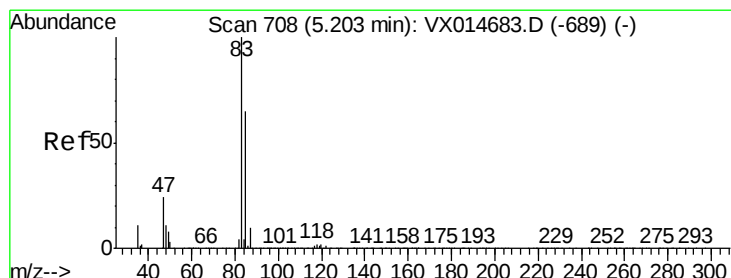
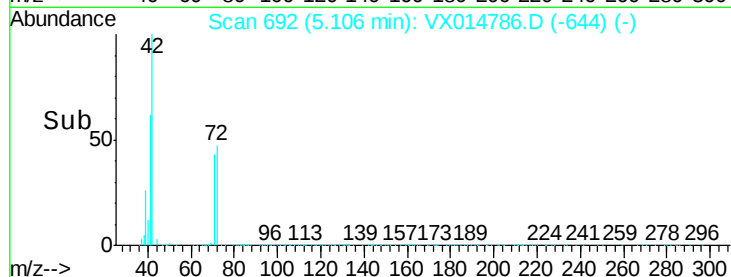
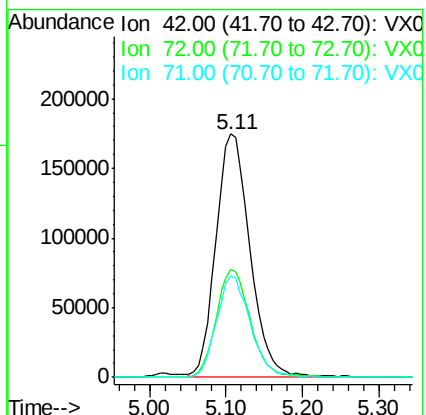
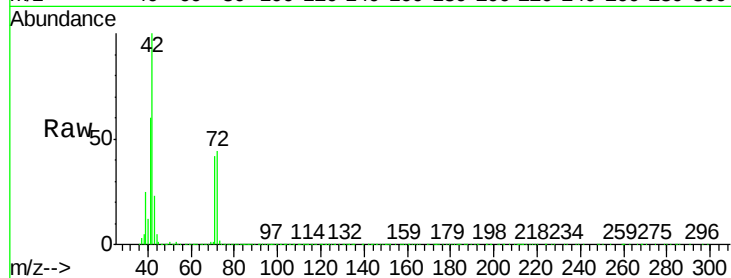
Tgt Ion: 42 Resp: 534478

Ion Ratio Lower Upper

42 100

72 44.8 35.3 52.9

71 41.3 33.1 49.7



#30

Chloroform

Concen: 50.38 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014786.D

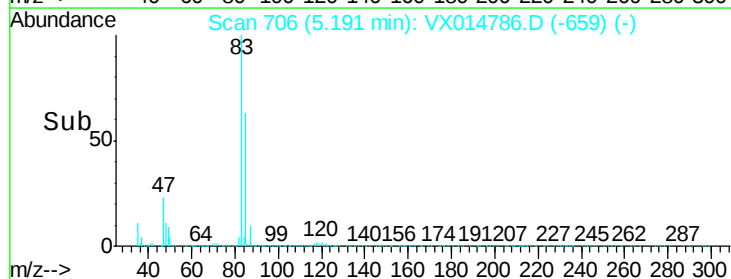
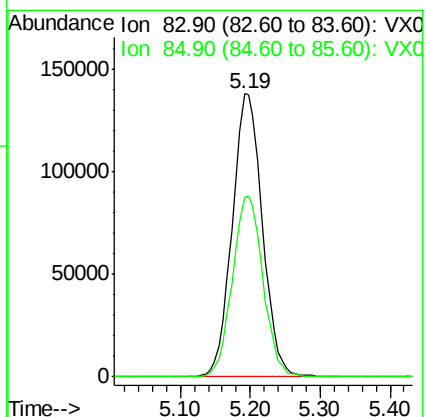
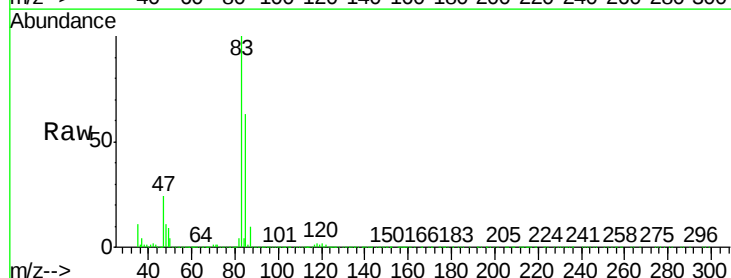
Acq: 03 Feb 2020 09:57

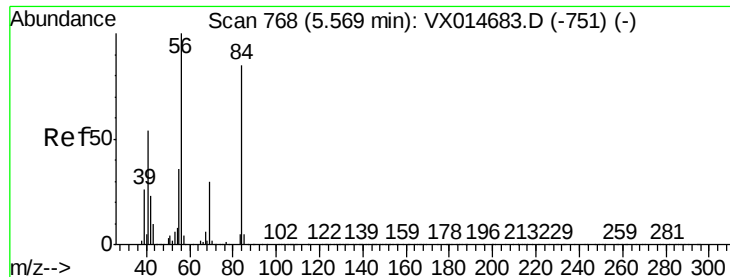
Tgt Ion: 83 Resp: 412368

Ion Ratio Lower Upper

83 100

85 63.3 51.7 77.5

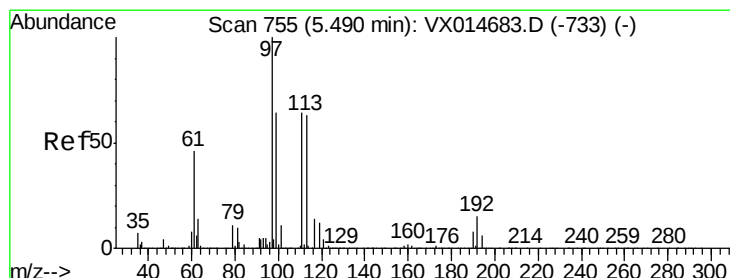
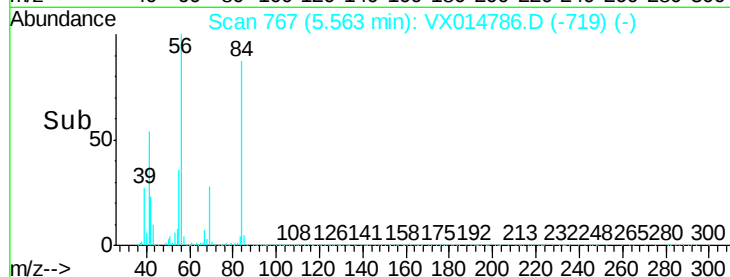
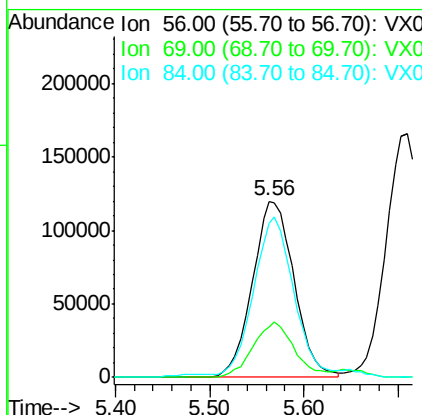
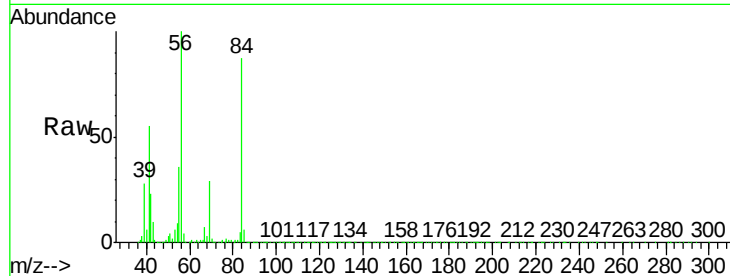




#31
Cyclohexane
Concen: 47.62 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

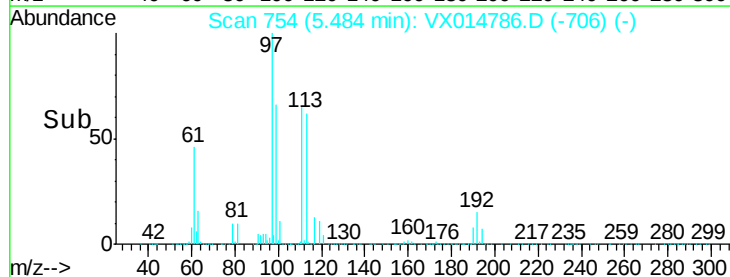
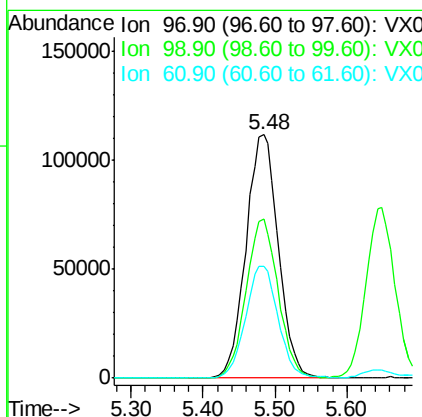
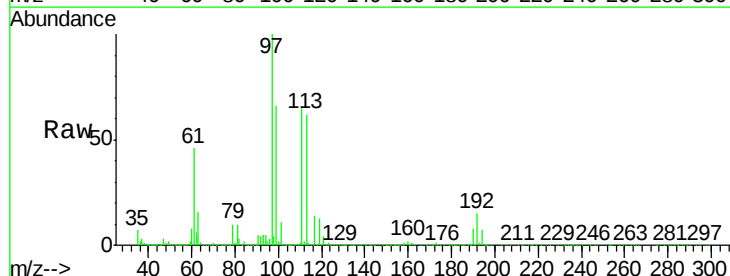
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

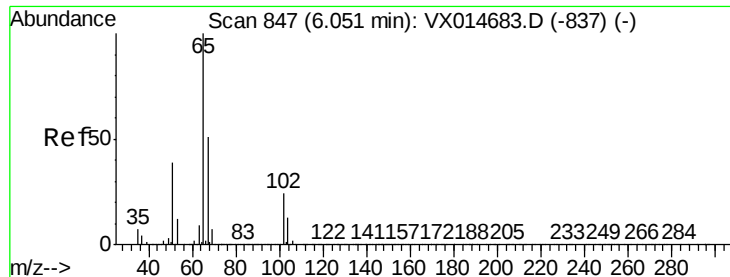
Tgt Ion: 56 Resp: 370046
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.2
84 85.7 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 50.28 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion: 97 Resp: 347820
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 46.0 37.2 55.8

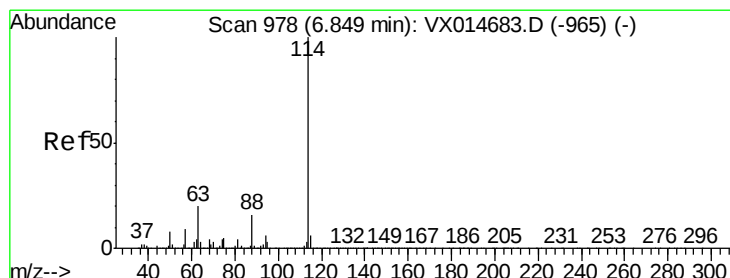
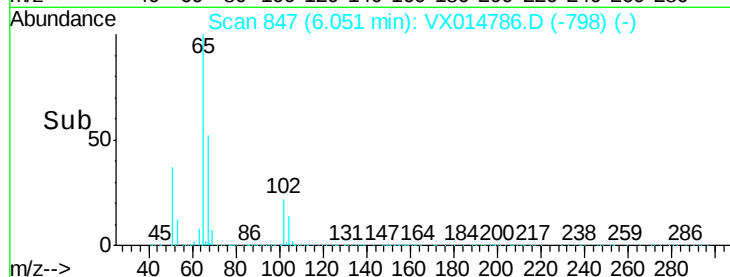
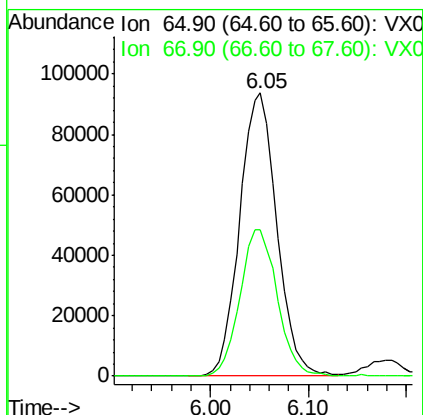
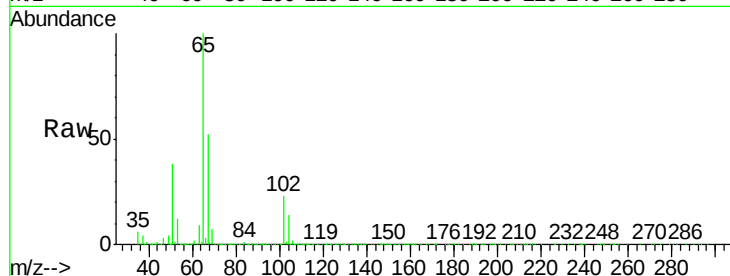




#33
 1,2-Dichloroethane-d4
 Concen: 49.44 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

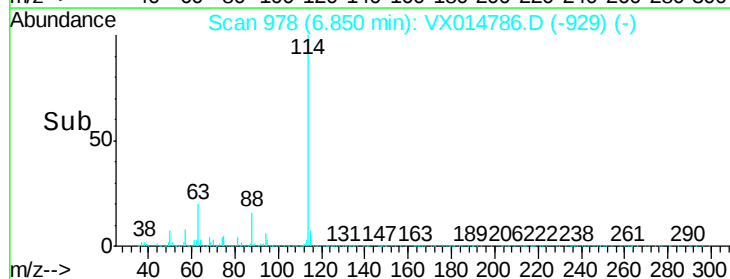
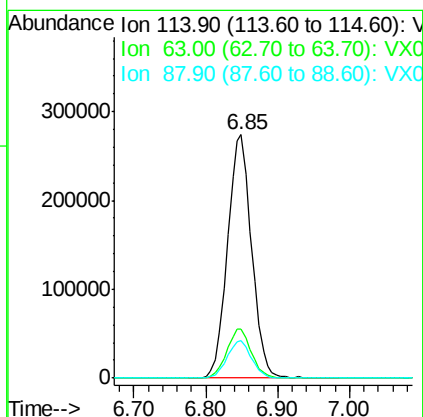
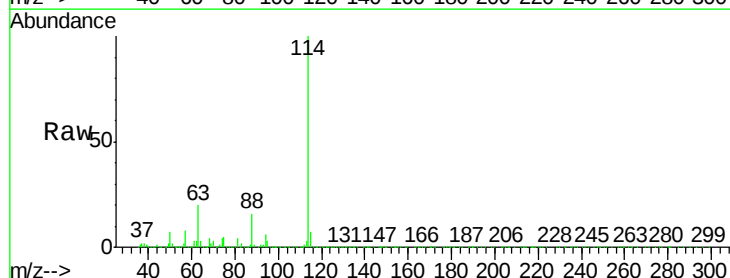
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

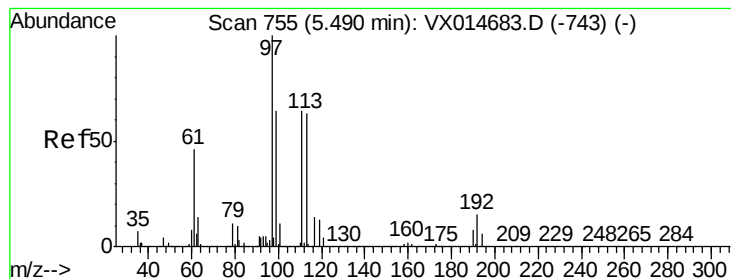
Tgt Ion: 65 Resp: 247096
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion: 114 Resp: 636851
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.02 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

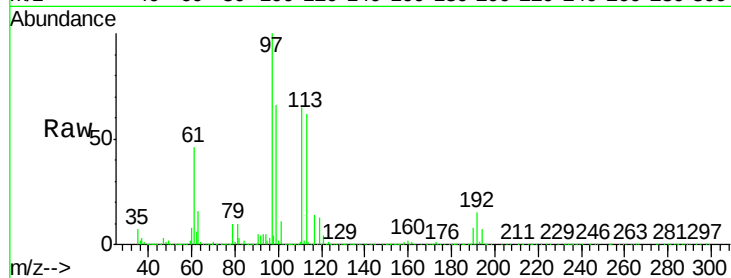
Tgt Ion: 113 Resp: 200988

Ion Ratio Lower Upper

113 100

111 102.9 80.7 121.1

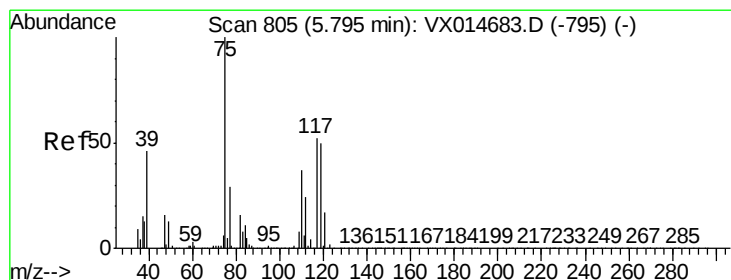
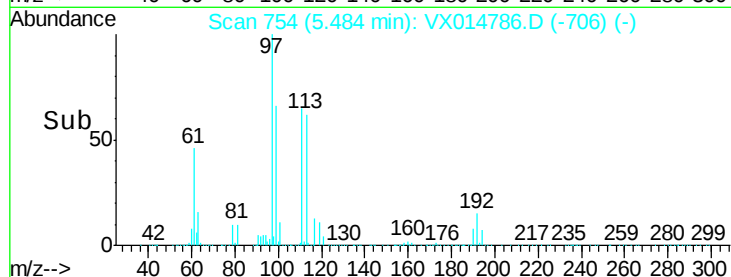
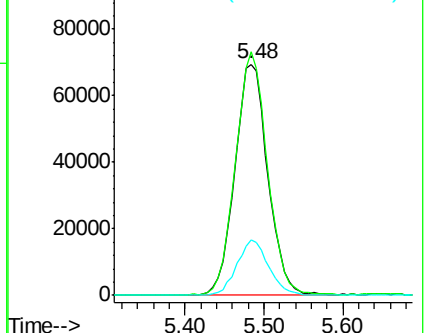
192 23.3 18.5 27.7



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: 52.02 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

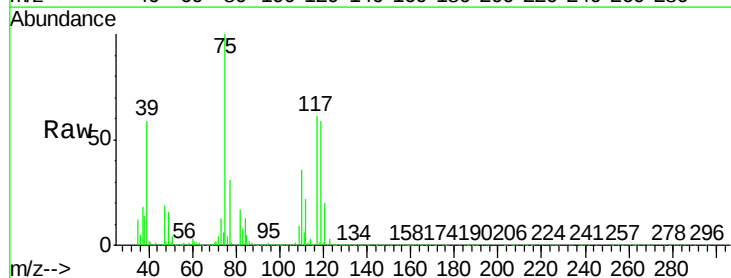
Tgt Ion: 75 Resp: 307846

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

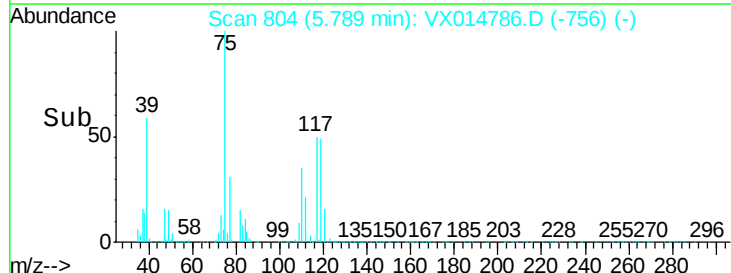
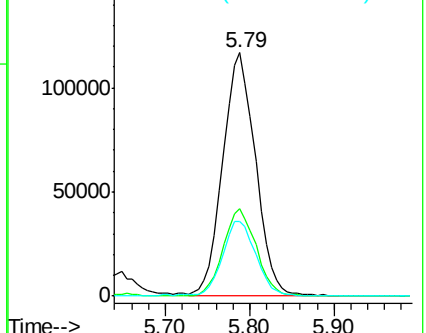
77 31.1 24.1 36.1

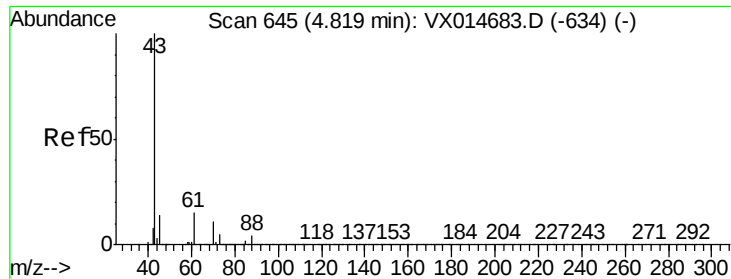


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

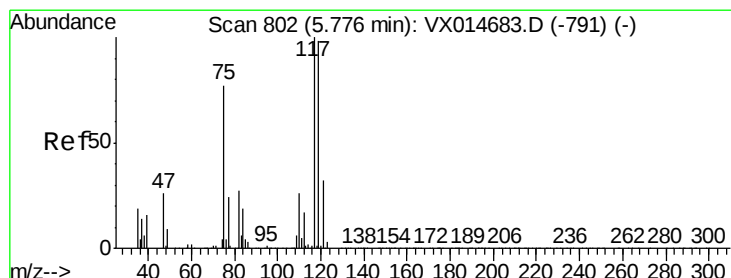
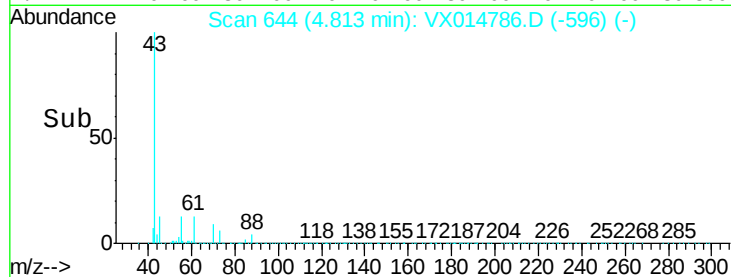
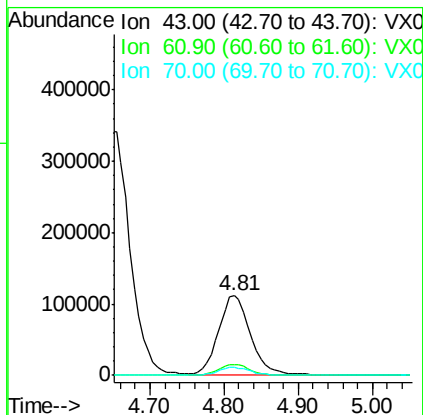
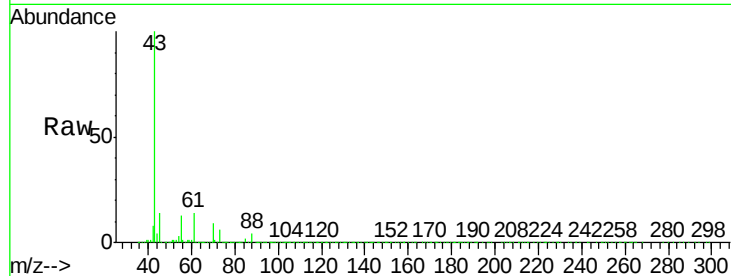




#37
Ethyl Acetate
Concen: 48.81 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

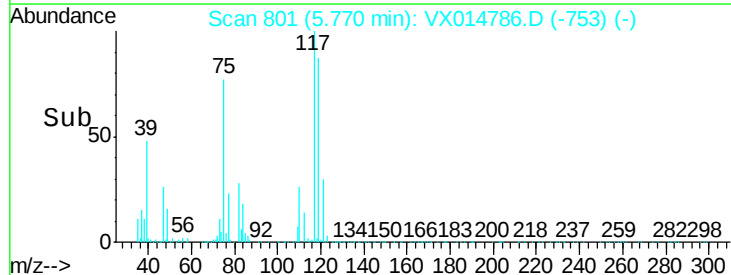
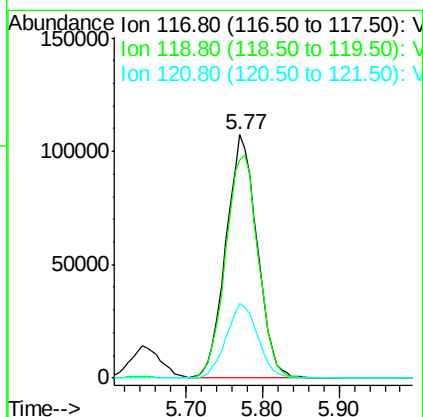
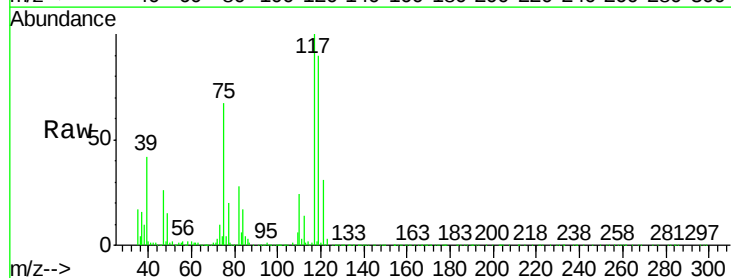
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

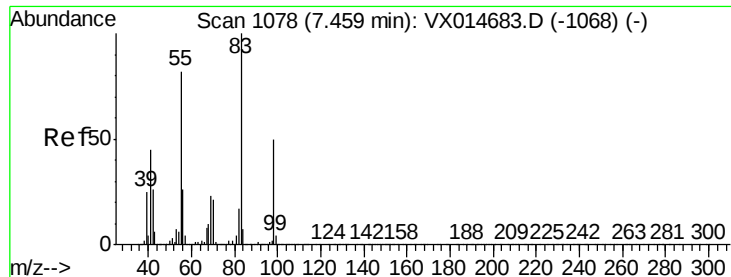
Tgt Ion:	43	Resp:	330830
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	10.0	8.5	12.7



#38
Carbon Tetrachloride
Concen: 53.42 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion:	117	Resp:	301886
Ion	Ratio	Lower	Upper
117	100		
119	89.4	77.9	116.9
121	30.5	25.4	38.2

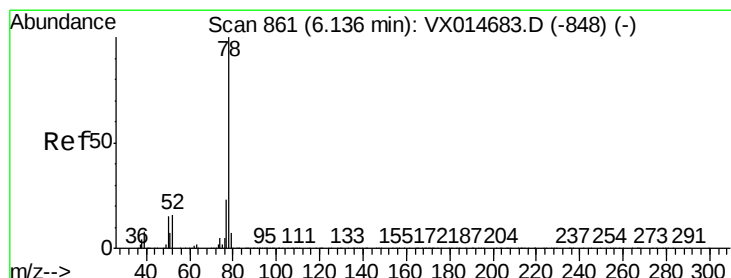
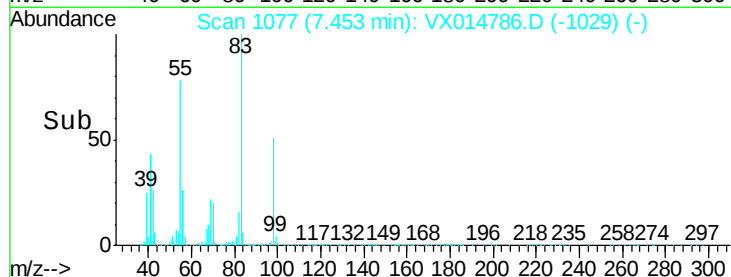
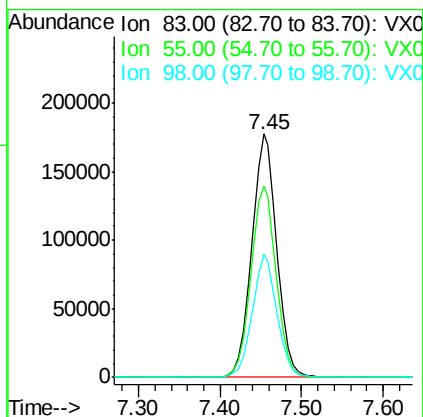
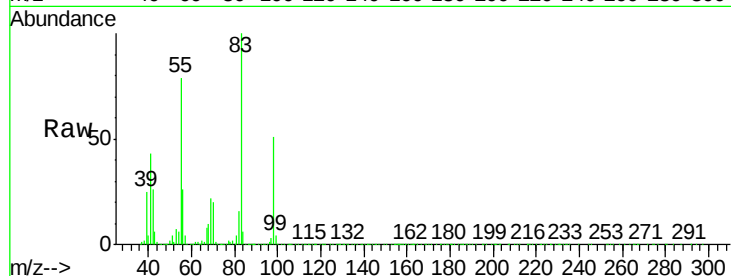




#39
Methylcyclohexane
Concen: 51.07 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

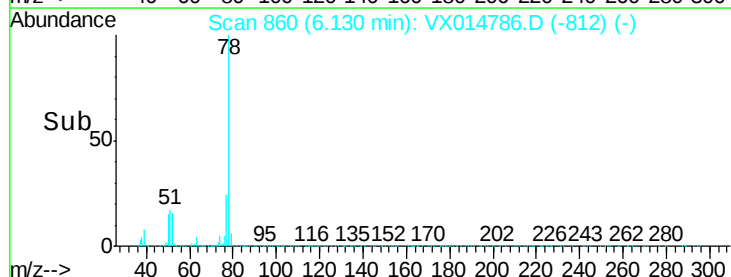
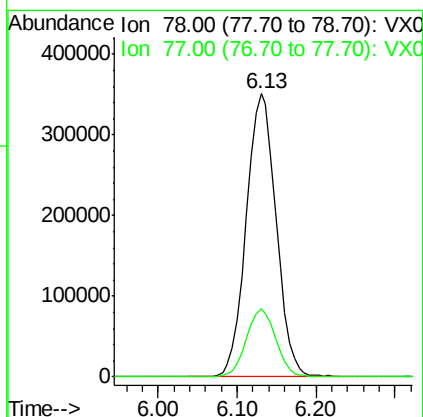
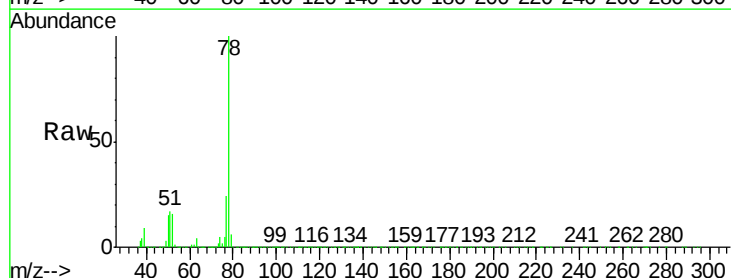
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

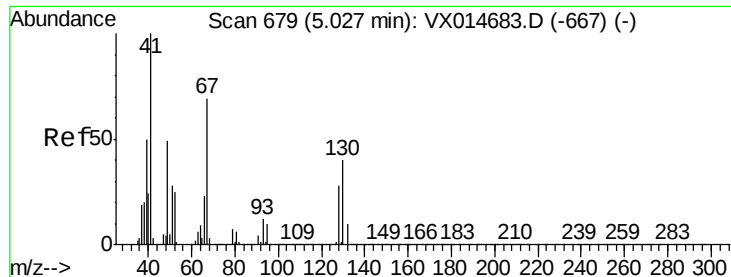
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	65.6	98.4
98	50.7	40.2	60.4



#40
Benzene
Concen: 50.59 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1

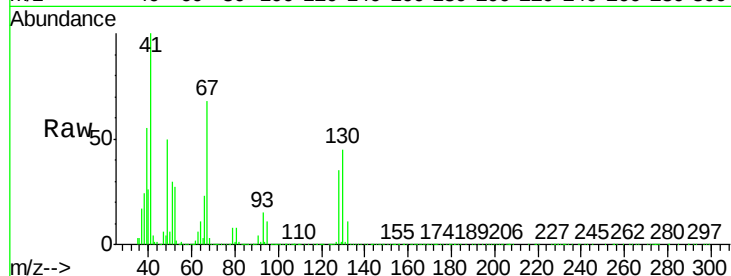




#41
Methacrylonitrile
Concen: 48.63 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	188077
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.2	63.2
67	69.3	55.4	83.0
52	27.5	22.1	33.1



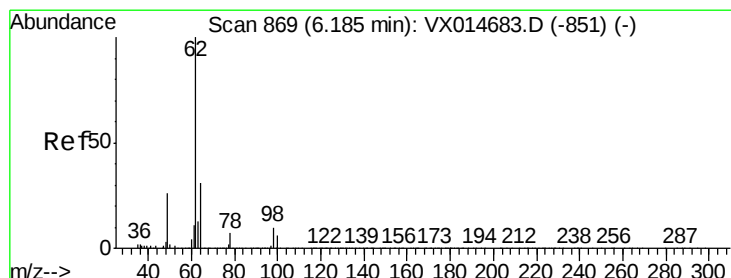
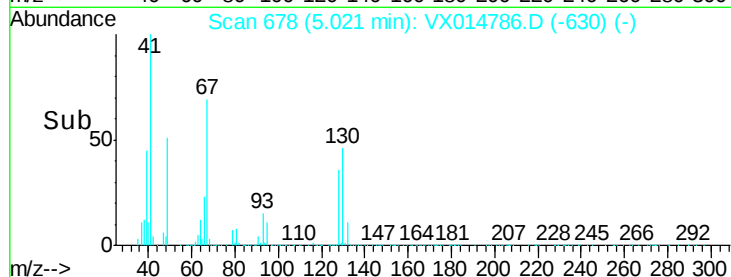
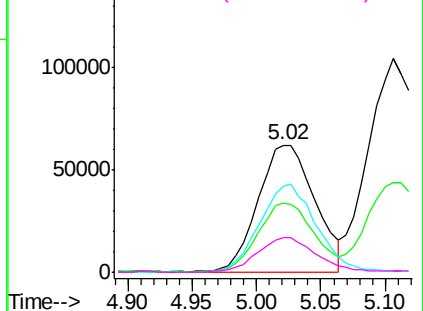
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

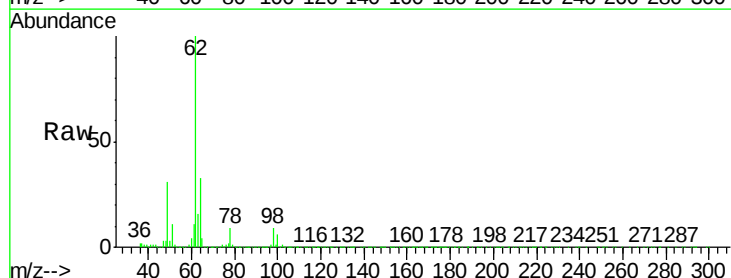
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 52.61 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

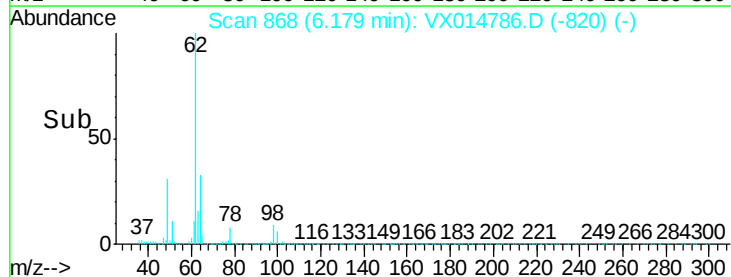
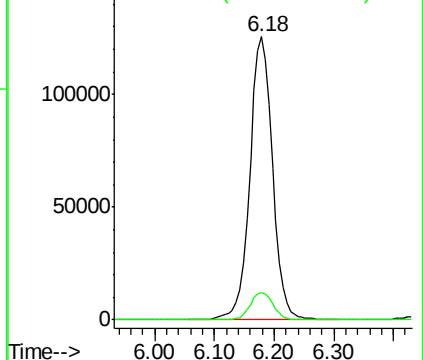
Tgt Ion:	62	Resp:	332209
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0

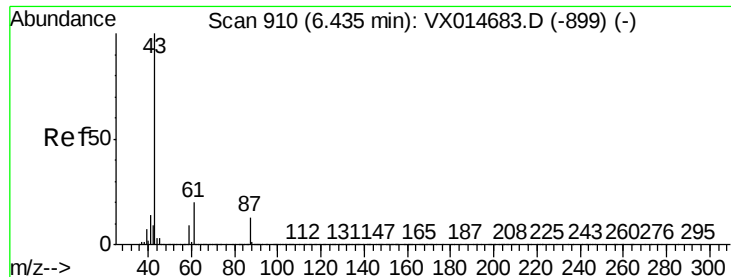


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.53 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

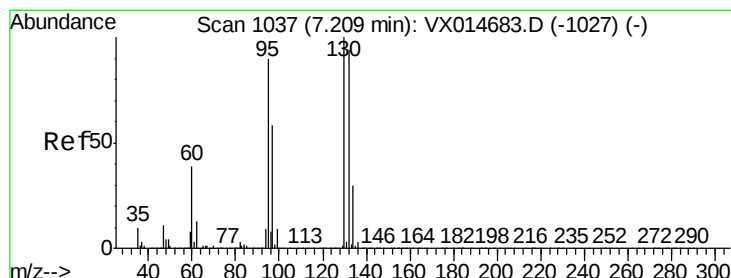
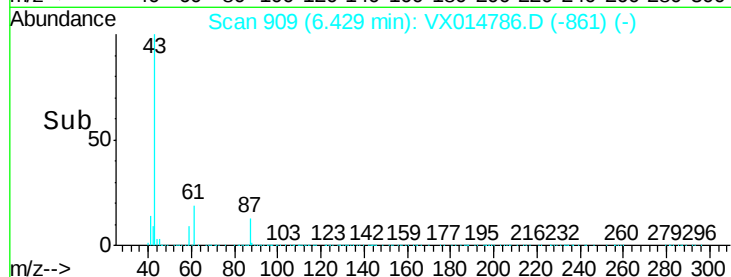
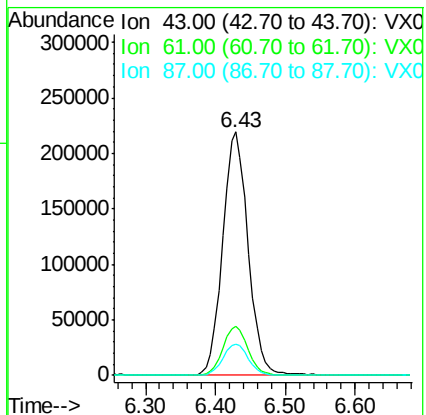
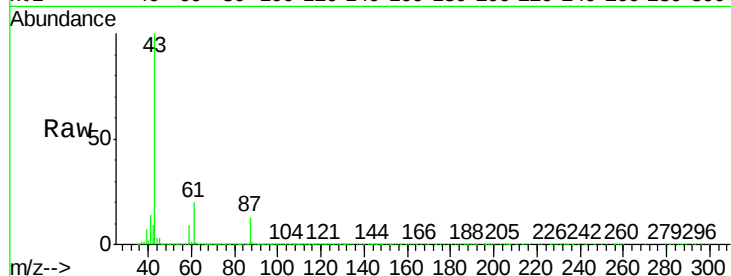
Tgt Ion: 43 Resp: 549739

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.4

87 13.0 10.5 15.7



#44

Trichloroethene

Concen: 49.68 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014786.D

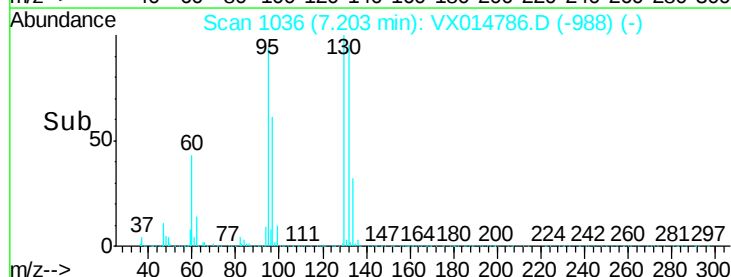
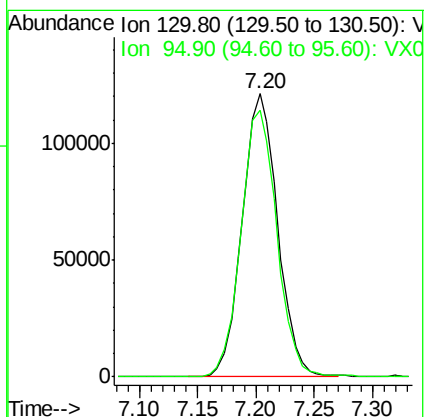
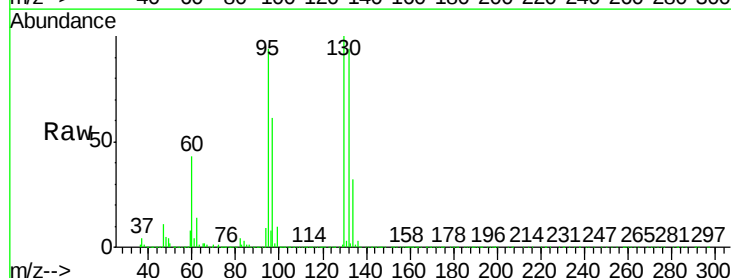
Acq: 03 Feb 2020 09:57

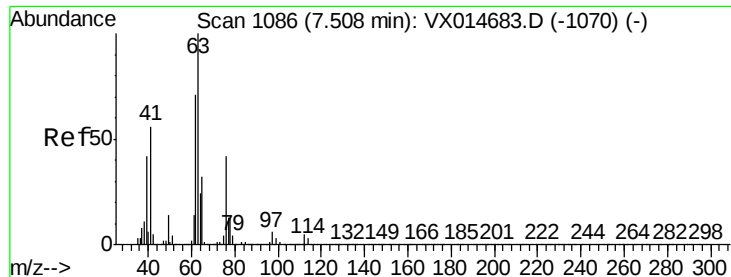
Tgt Ion: 130 Resp: 256594

Ion Ratio Lower Upper

130 100

95 94.0 0.0 179.8





#45

1,2-Dichloropropane

Concen: 52.46 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

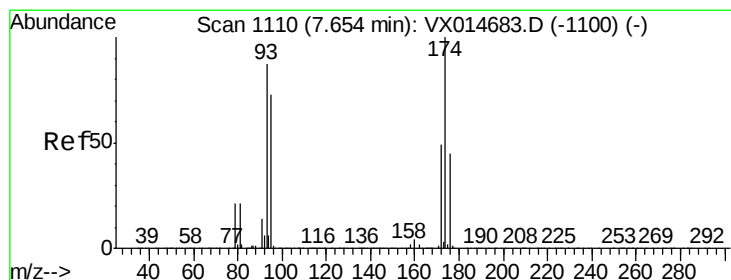
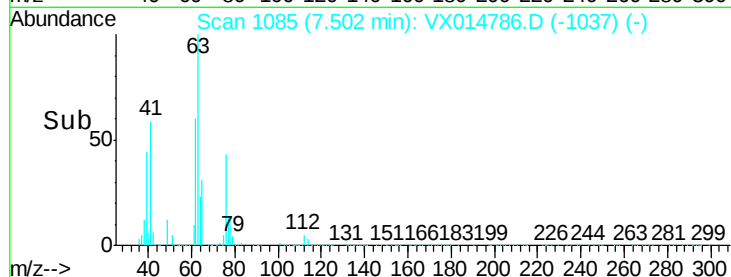
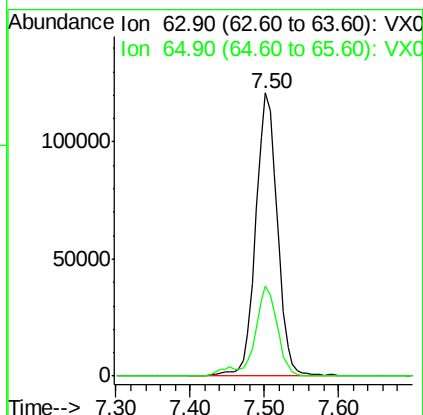
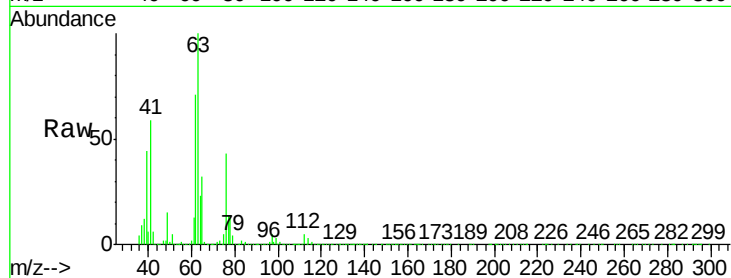
VSTDCCC050

Tgt Ion: 63 Resp: 247109

Ion Ratio Lower Upper

63 100

65 31.7 25.2 37.8



#46

Dibromomethane

Concen: 52.89 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

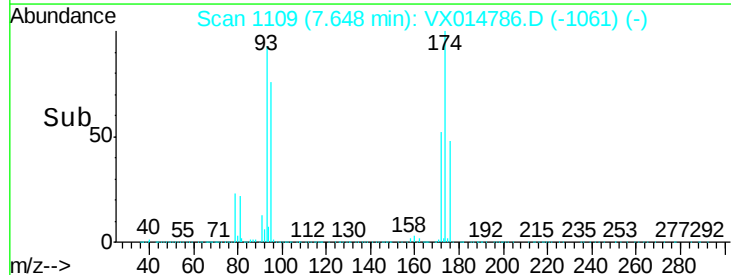
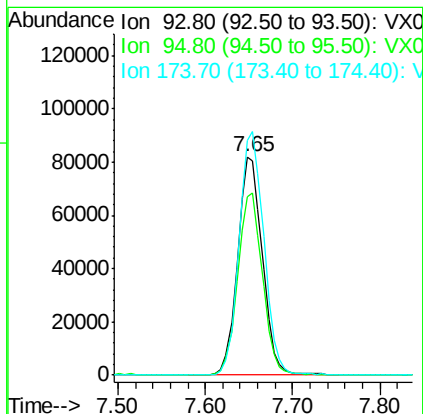
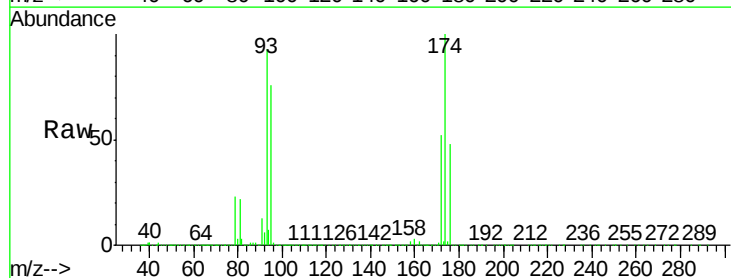
Tgt Ion: 93 Resp: 161367

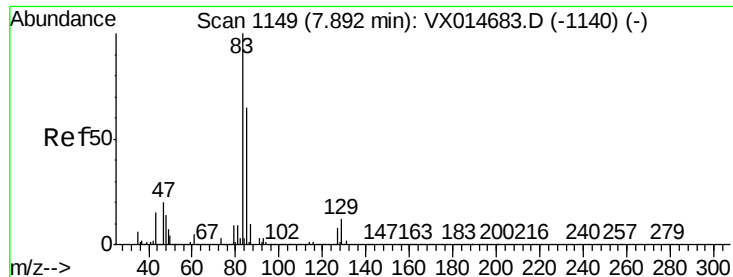
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 111.5 90.2 135.2





#47

Bromodichloromethane

Concen: 54.37 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

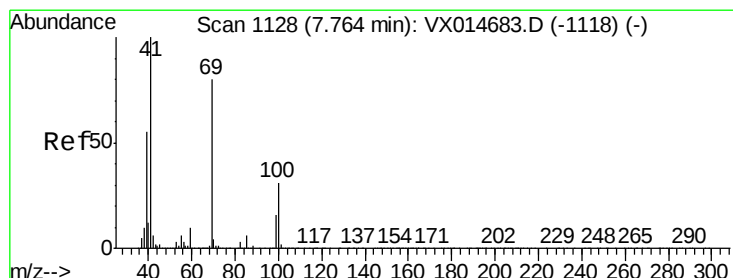
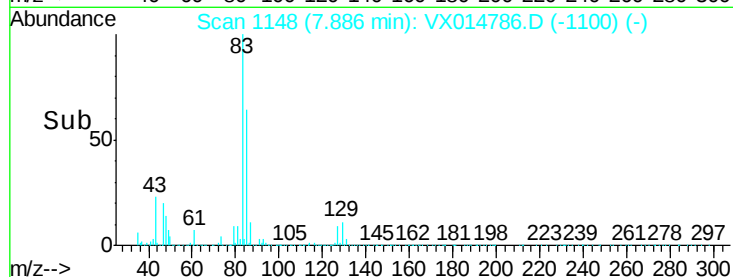
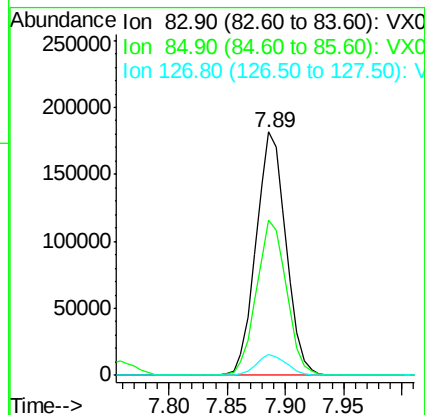
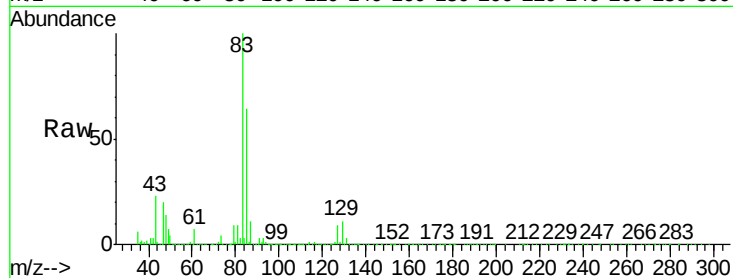
Tgt Ion: 83 Resp: 325301

Ion Ratio Lower Upper

83 100

85 63.6 52.2 78.2

127 8.7 6.4 9.6



#48

Methyl methacrylate

Concen: 51.92 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

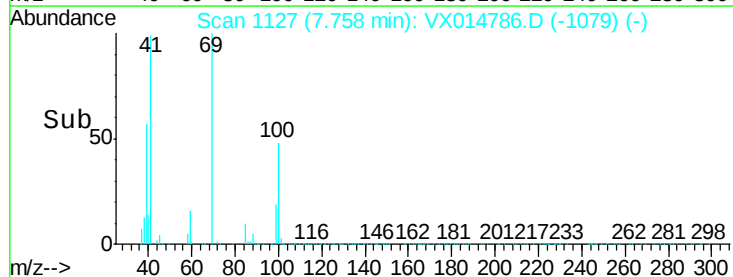
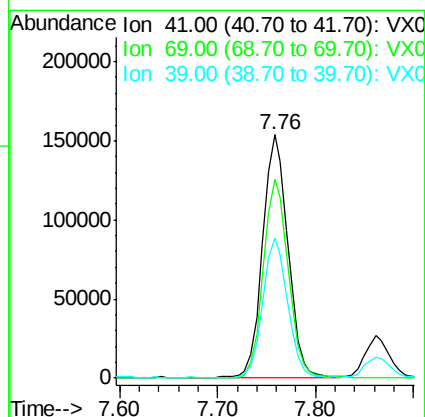
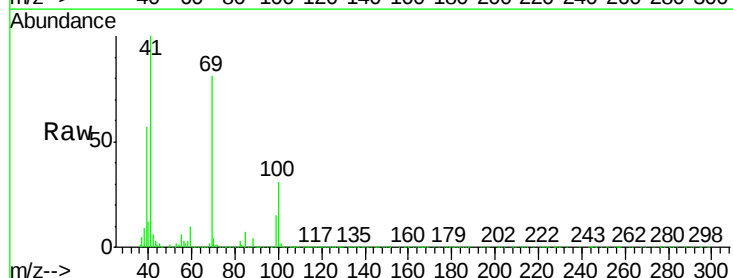
Tgt Ion: 41 Resp: 275338

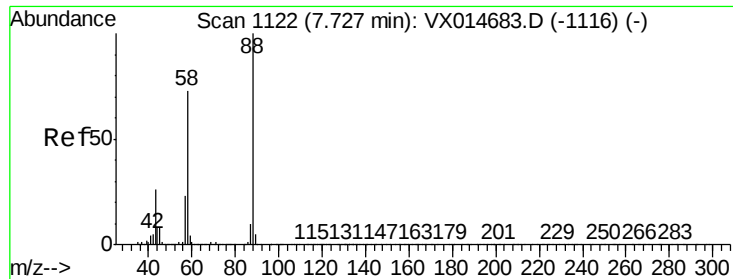
Ion Ratio Lower Upper

41 100

69 81.2 63.5 95.3

39 56.1 43.7 65.5

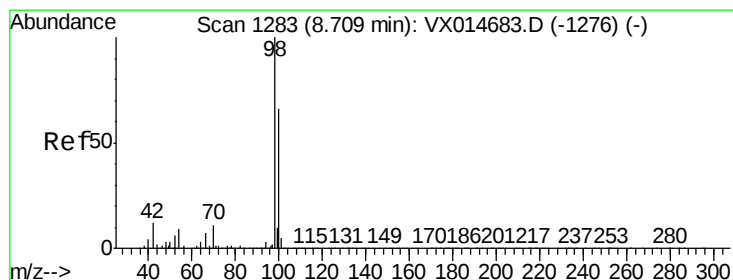
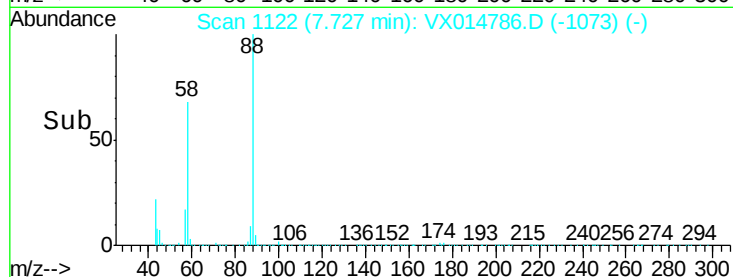
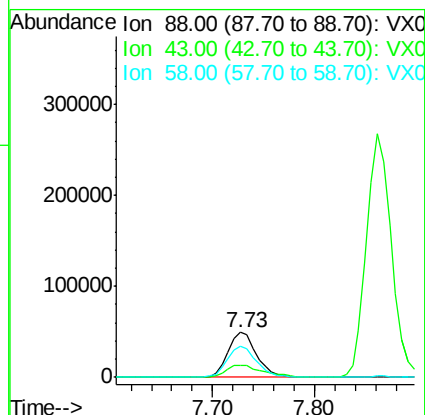
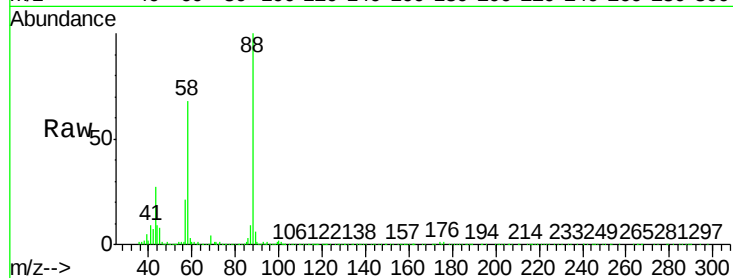




#49
1,4-Dioxane
Concen: 844.31 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

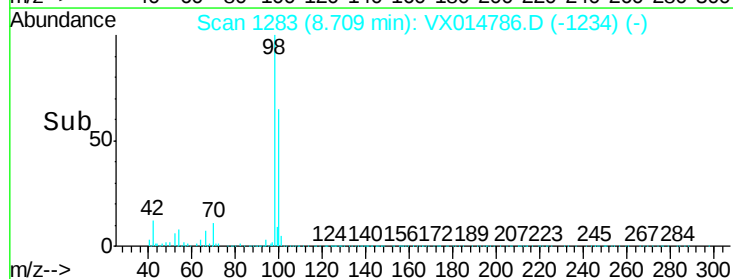
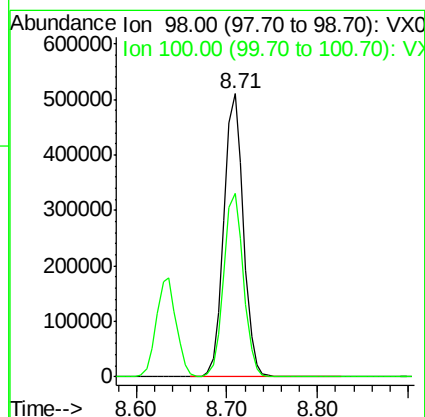
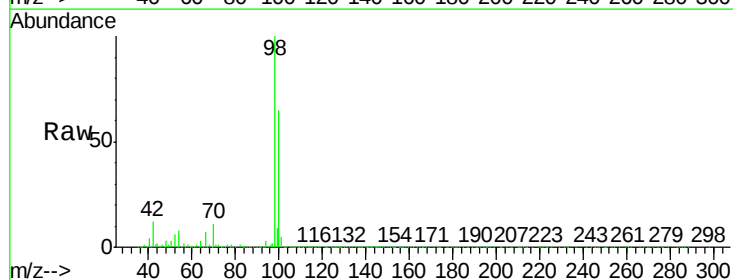
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

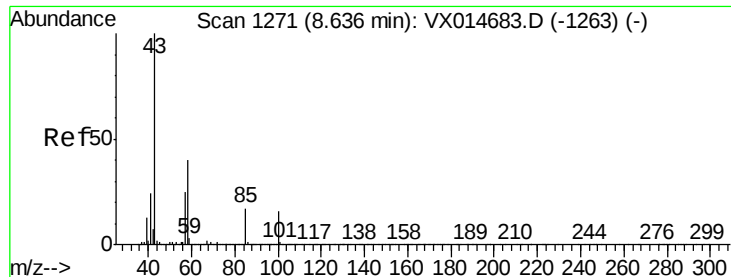
Tgt Ion: 88 Resp: 94908
Ion Ratio Lower Upper
88 100
43 34.5 26.2 39.2
58 70.8 56.6 85.0



#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion: 98 Resp: 763552
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6

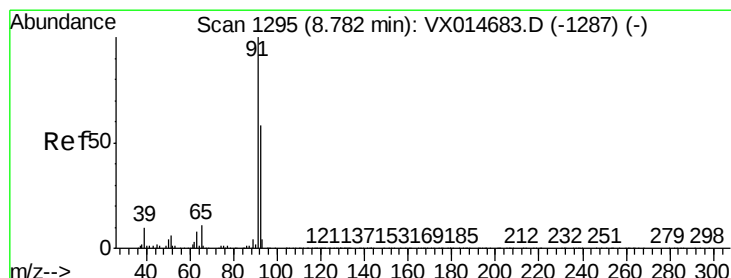
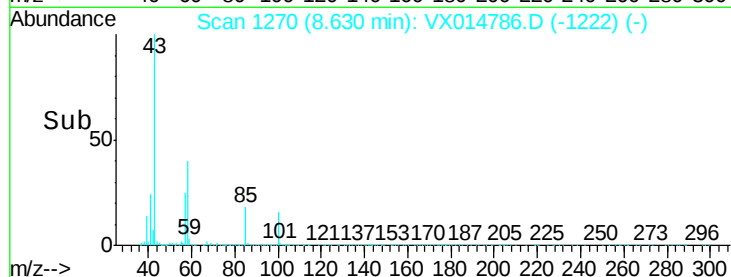
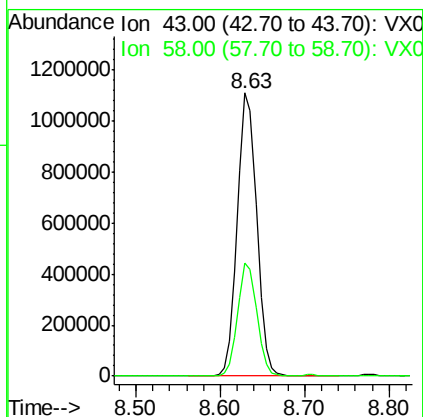
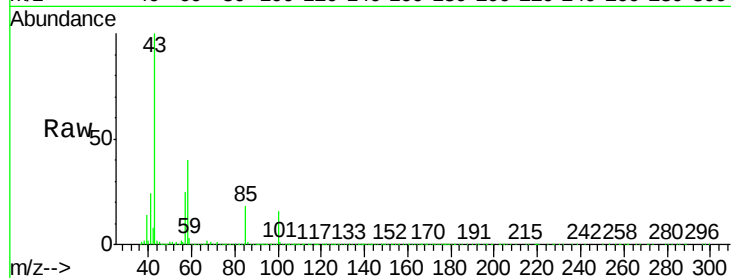




#51
 4-Methyl-2-Pentanone
 Concen: 245.63 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

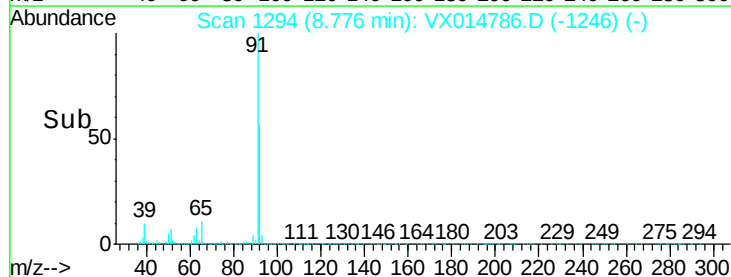
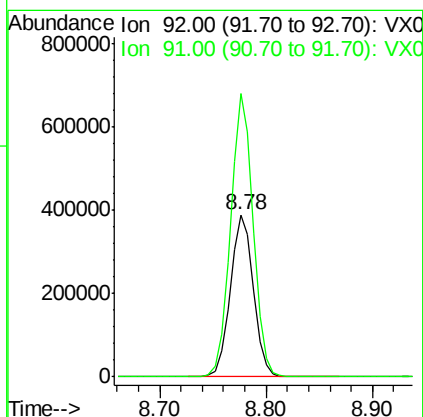
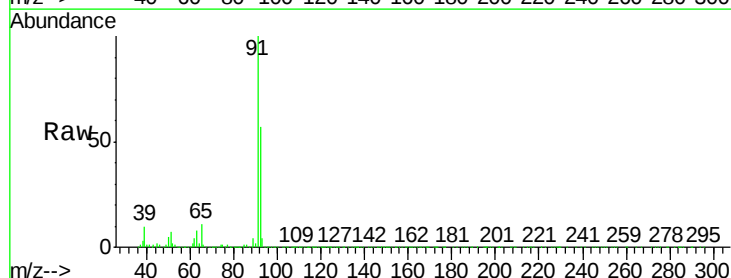
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

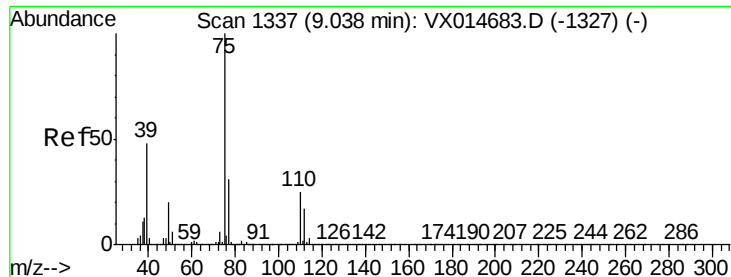
Tgt Ion: 43 Resp: 1720621
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.6 47.4



#52
 Toluene
 Concen: 52.21 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion: 92 Resp: 586809
 Ion Ratio Lower Upper
 92 100
 91 171.1 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 55.03 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

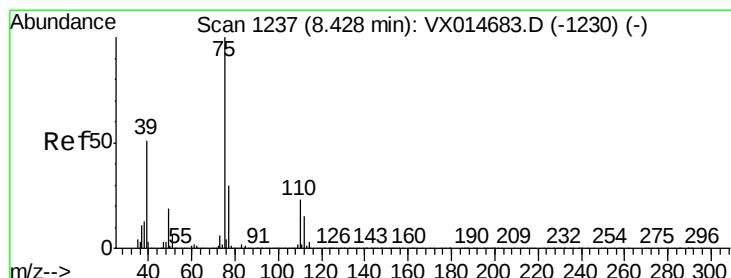
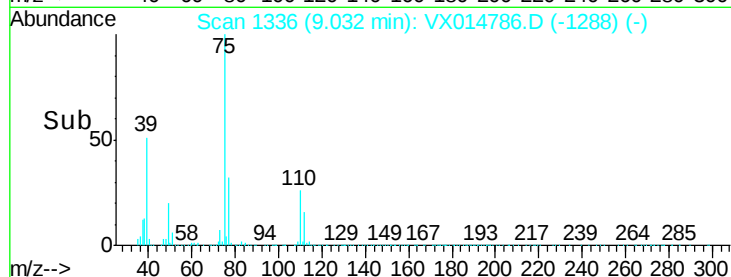
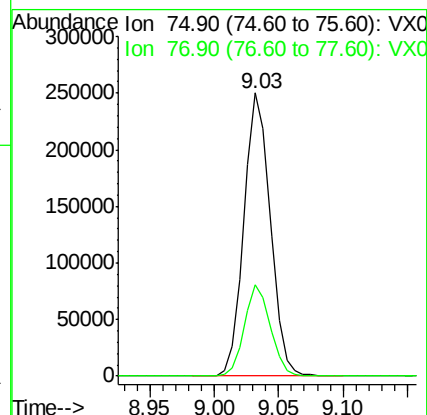
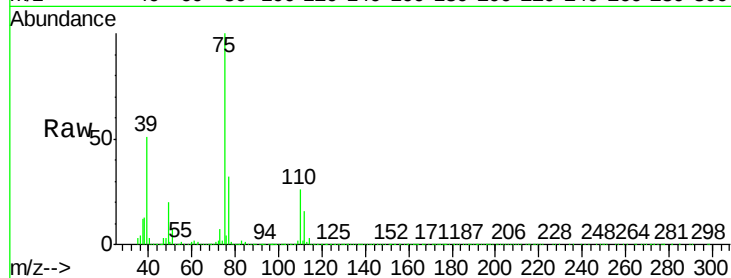
VSTDCCC050

Tgt Ion: 75 Resp: 354521

Ion Ratio Lower Upper

75 100

77 32.2 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 55.57 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

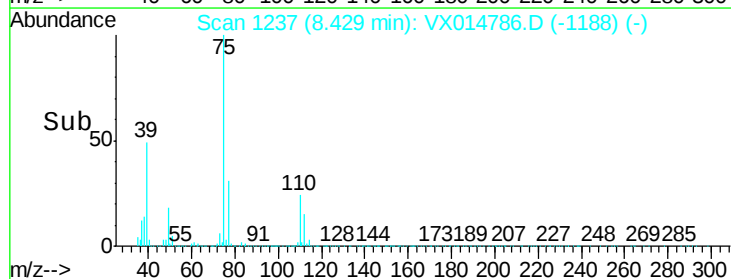
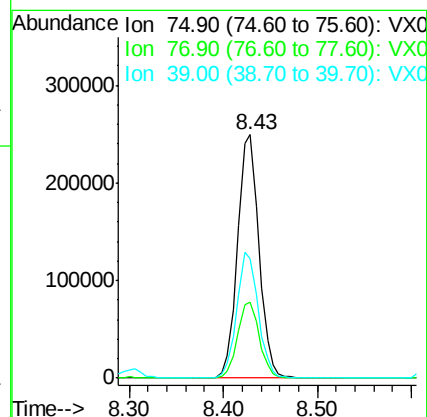
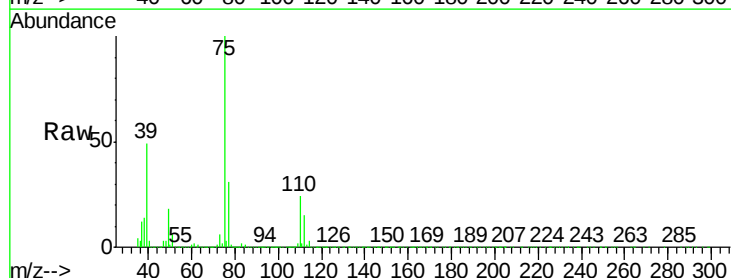
Tgt Ion: 75 Resp: 393881

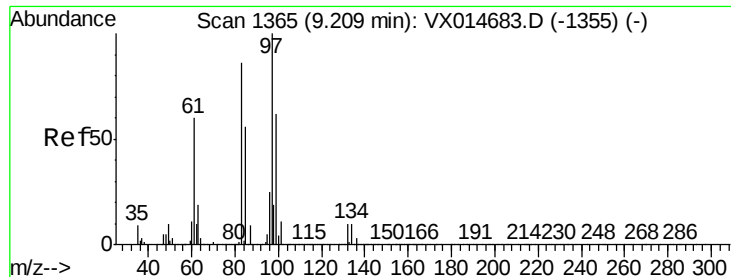
Ion Ratio Lower Upper

75 100

77 31.2 23.9 35.9

39 49.1 40.9 61.3

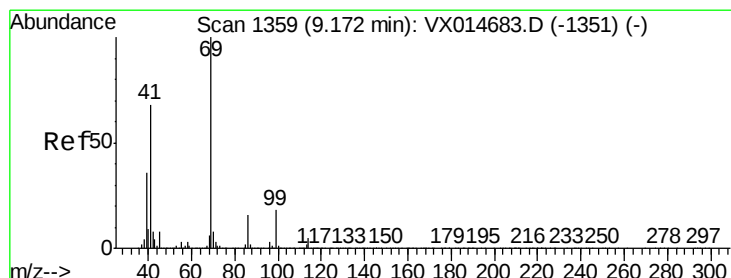
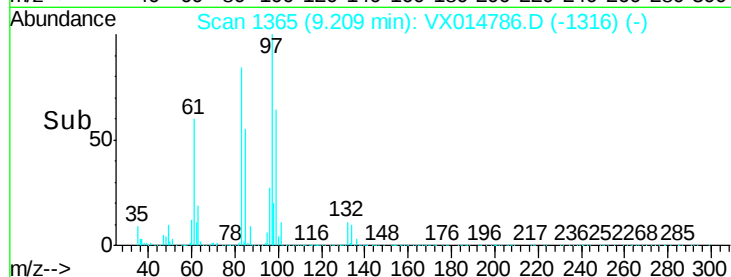
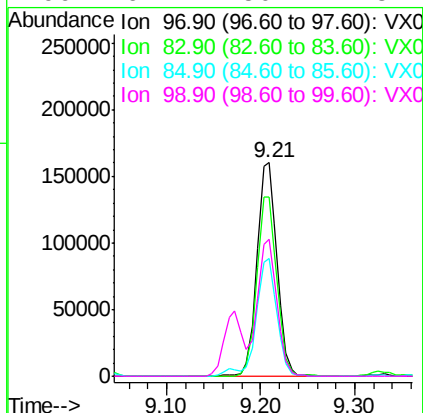
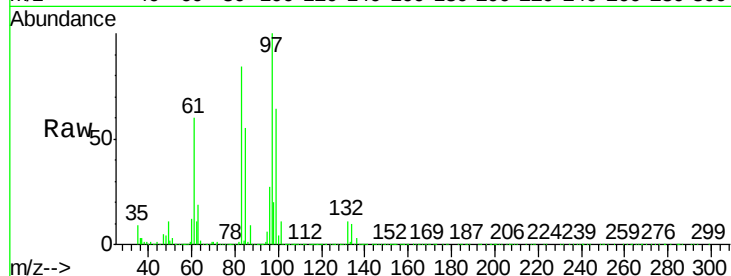




#55
 1,1,2-Trichloroethane
 Concen: 52.40 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

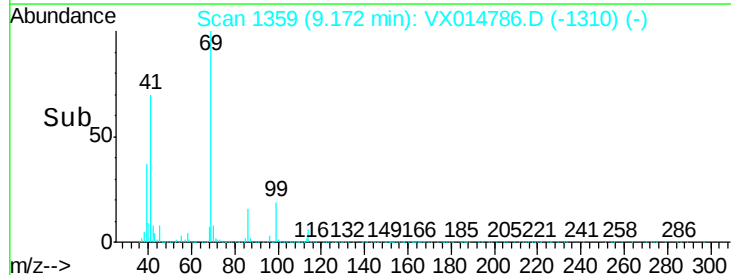
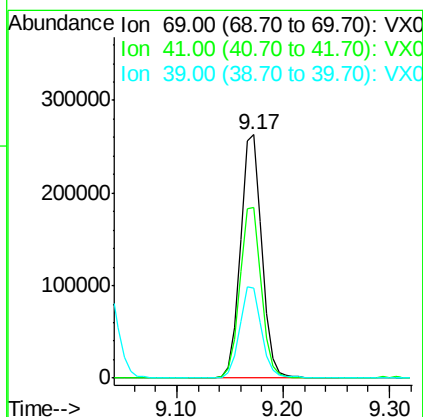
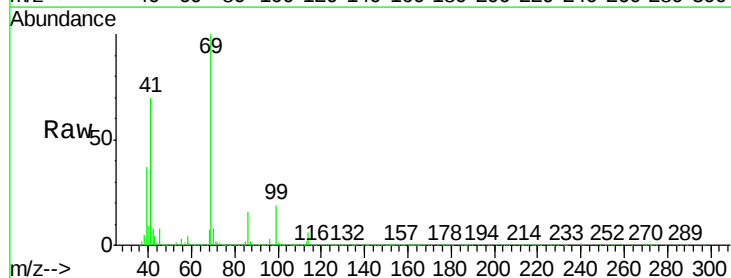
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

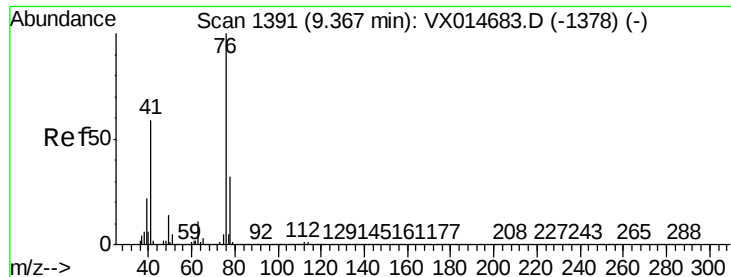
Tgt Ion:	97	Resp:	241116
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.2	103.8
85	55.1	44.6	67.0
99	64.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 47.51 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion:	69	Resp:	369948
Ion	Ratio	Lower	Upper
69	100		
41	70.2	54.9	82.3
39	38.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 51.80 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

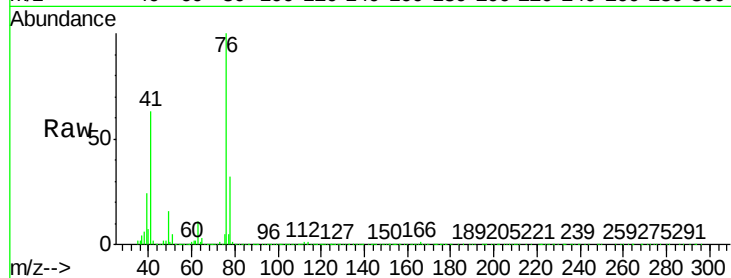
VSTDCCC050

Tgt Ion: 76 Resp: 407467

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

300000

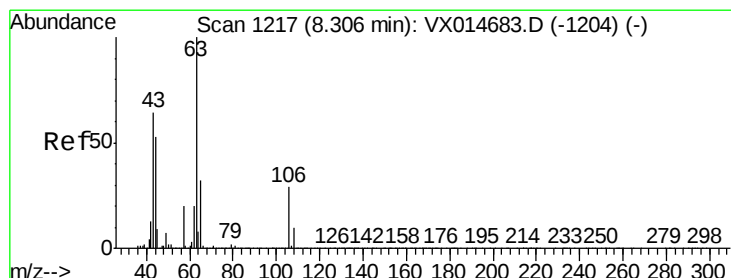
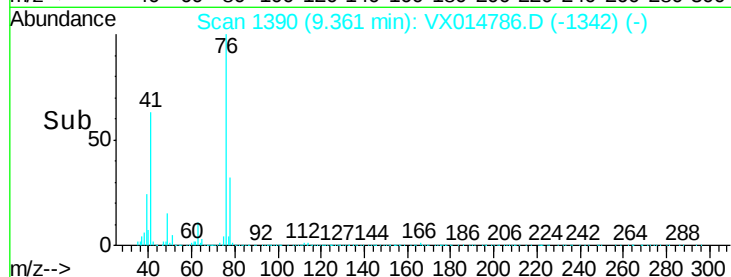
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 274.26 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014786.D

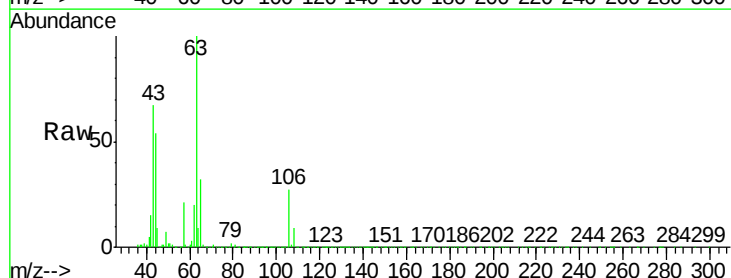
Acq: 03 Feb 2020 09:57

Tgt Ion: 63 Resp: 634691

Ion Ratio Lower Upper

63 100

106 28.7 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

400000

300000

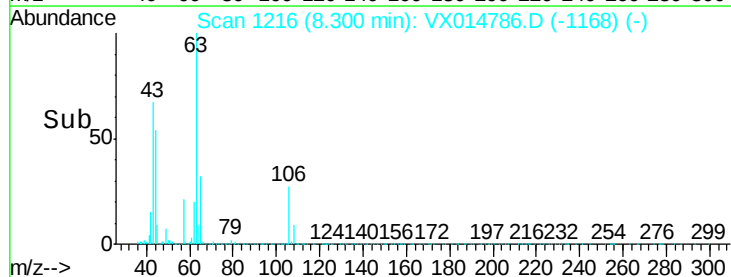
200000

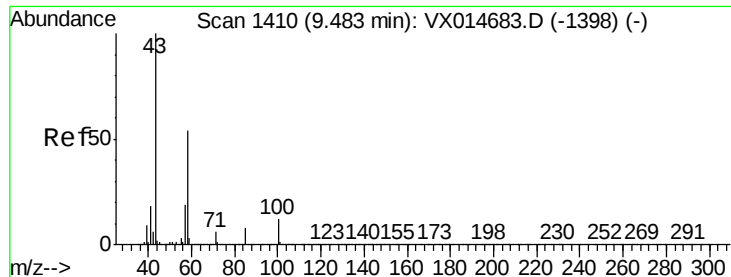
100000

0

8.20 8.30 8.40

Time-->

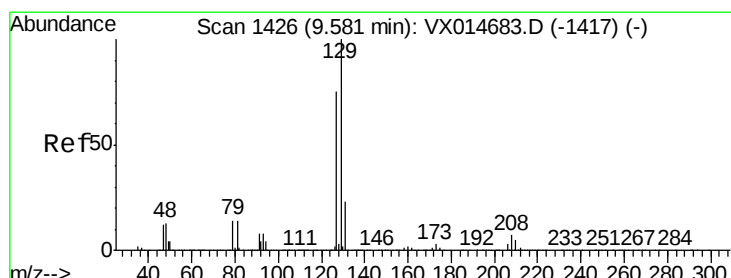
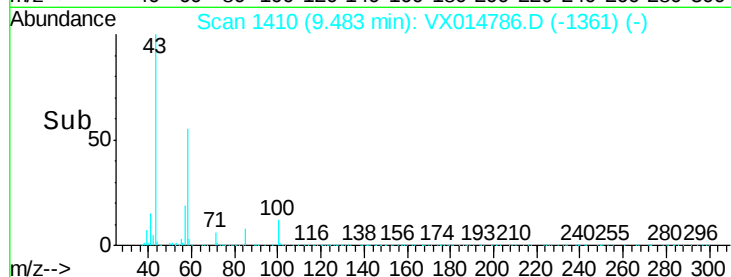
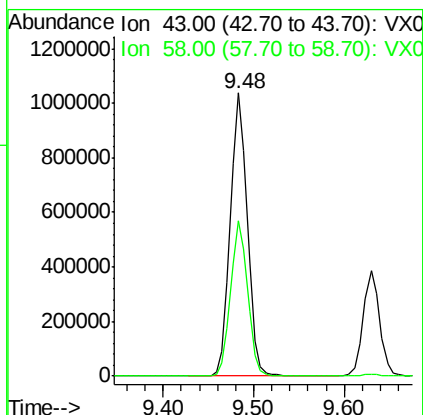
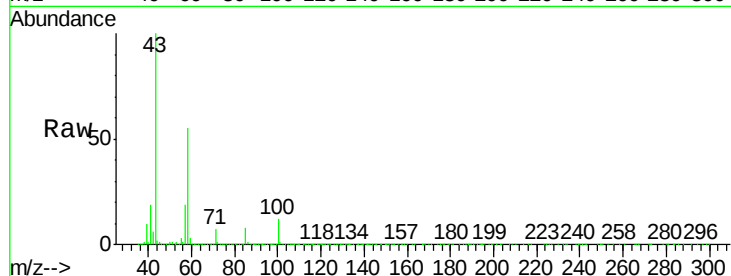




#59
2-Hexanone
Concen: 250.08 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

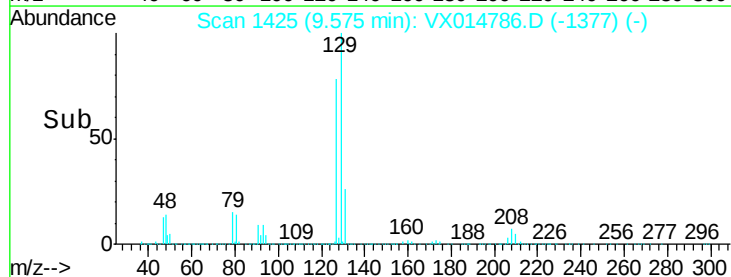
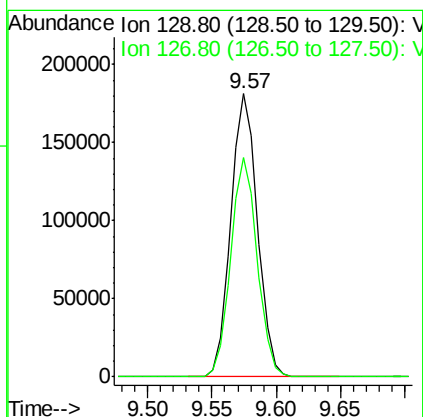
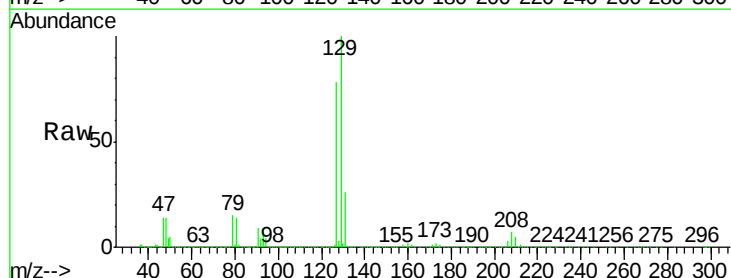
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

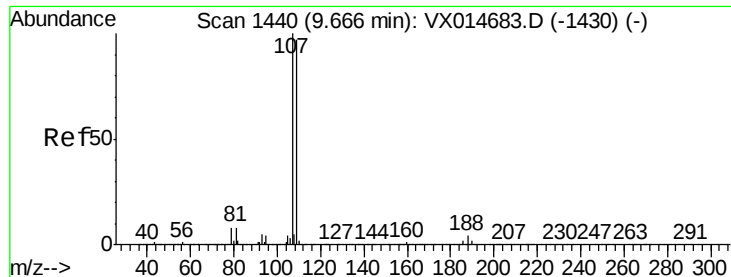
Tgt Ion: 43 Resp: 1359378
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5



#60
Dibromochloromethane
Concen: 54.66 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion: 129 Resp: 262547
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.93 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

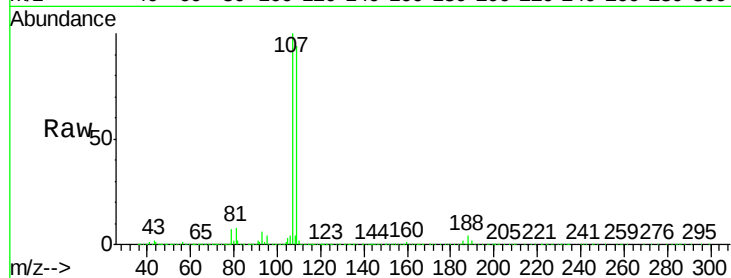
VSTDCCC050

Tgt Ion: 107 Resp: 252674

Ion Ratio Lower Upper

107 100

109 93.8 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

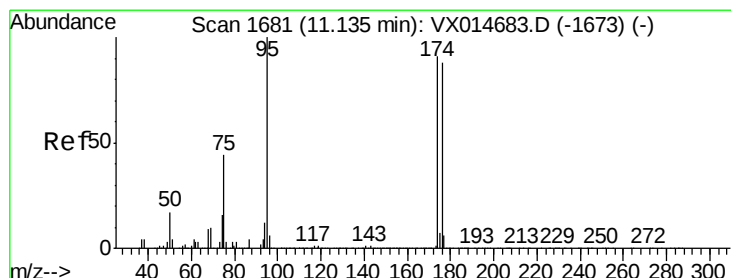
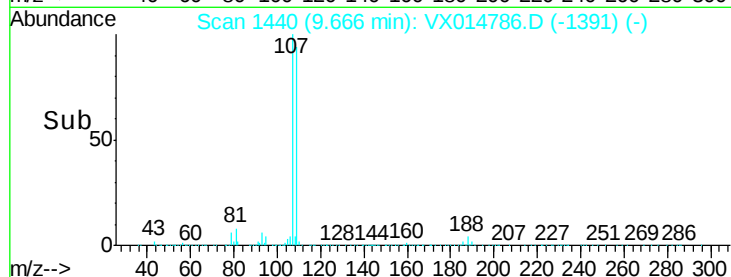
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.30 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

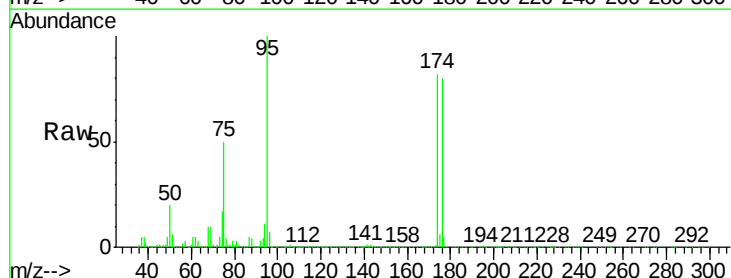
Tgt Ion: 95 Resp: 271286

Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.0

176 86.4 0.0 172.2



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

300000

250000

200000

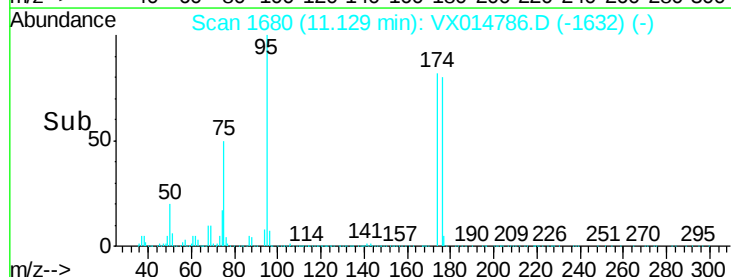
150000

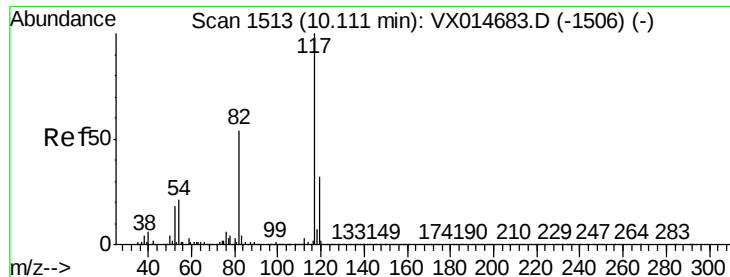
100000

50000

0

Time-->

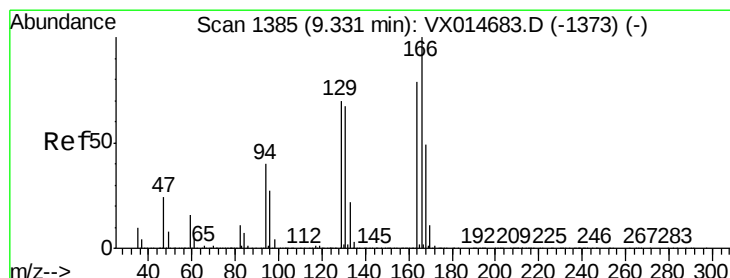
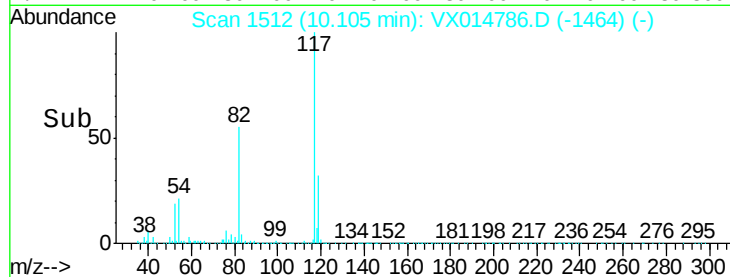
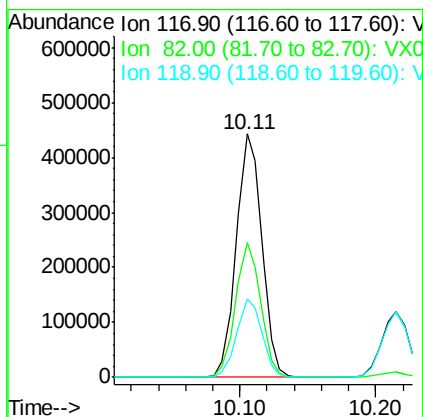
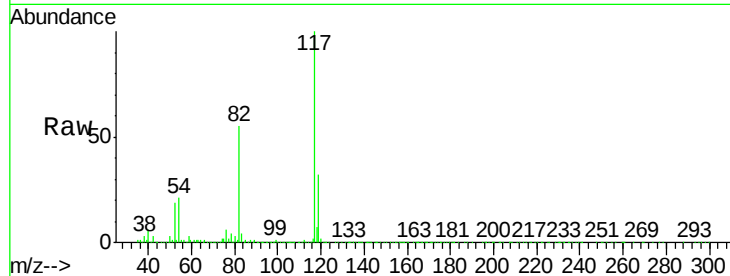




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

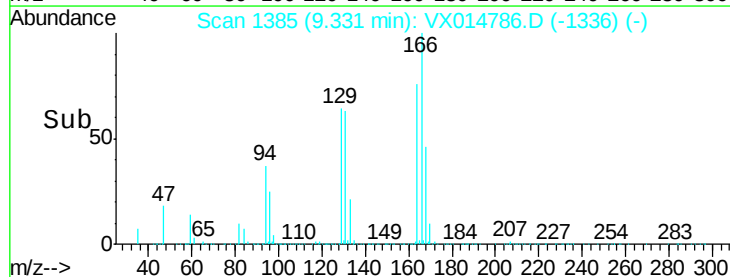
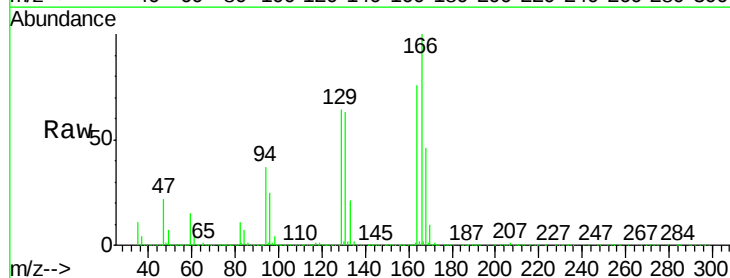
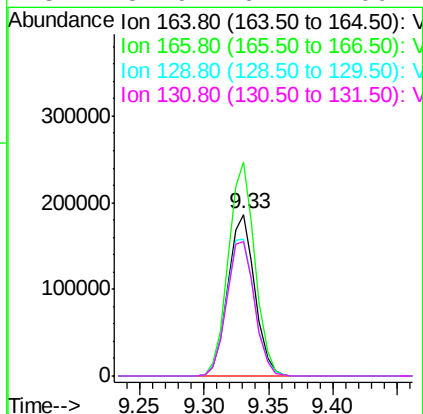
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

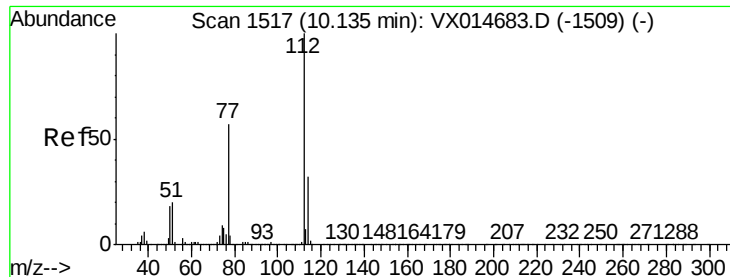
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.2	64.8
119	32.4	25.8	38.6



#64
Tetrachloroethene
Concen: 47.45 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	100.9	151.3
129	84.8	71.0	106.6
131	82.9	67.1	100.7

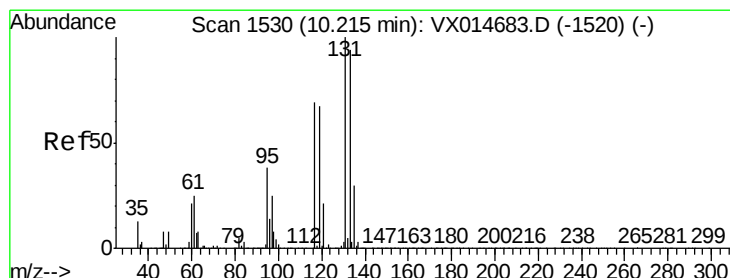
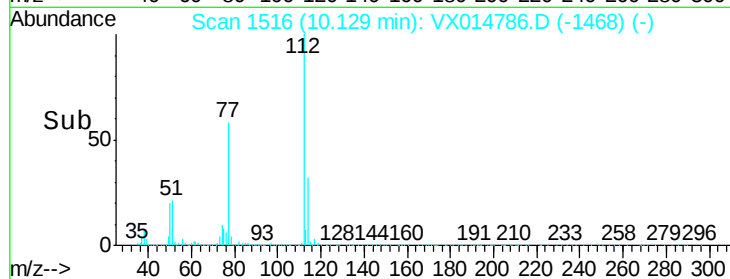
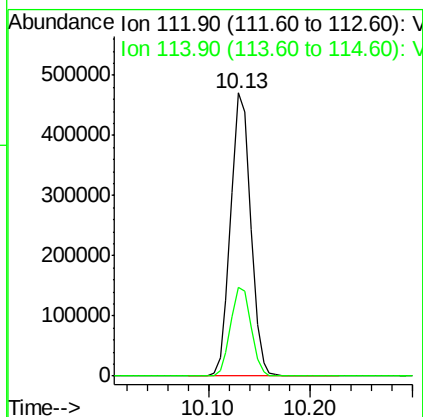
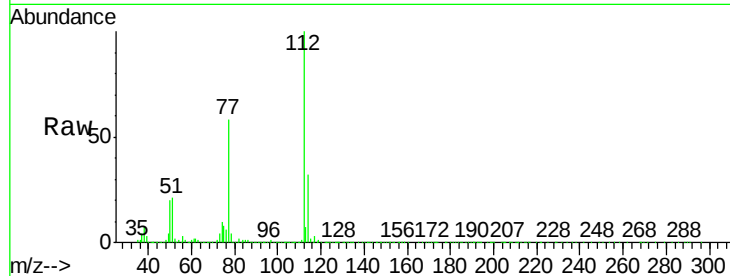




#65
Chlorobenzene
Concen: 51.34 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

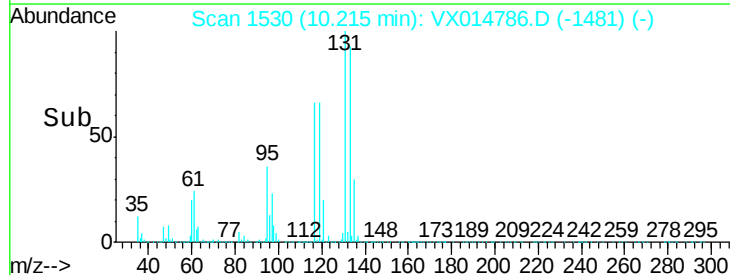
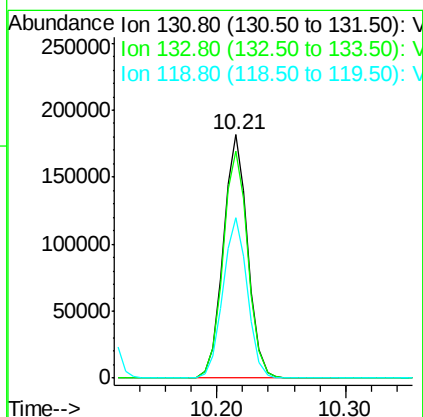
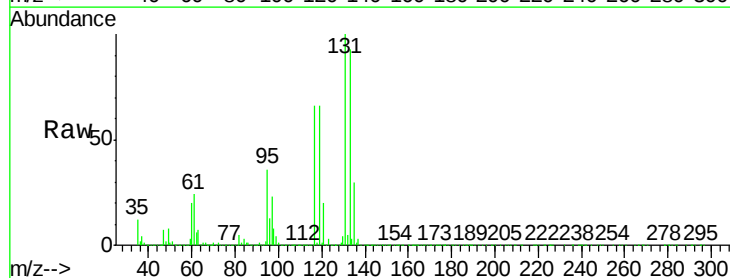
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

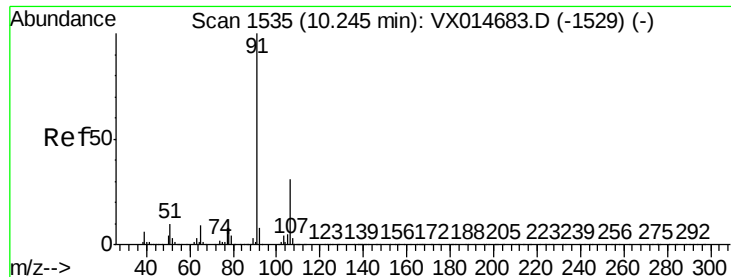
Tgt Ion:112 Resp: 636192
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.85 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion:131 Resp: 241479
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.3
119 66.1 33.3 99.8





#67

Ethyl Benzene

Concen: 53.40 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

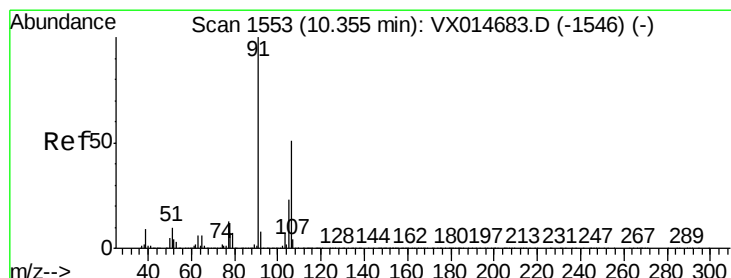
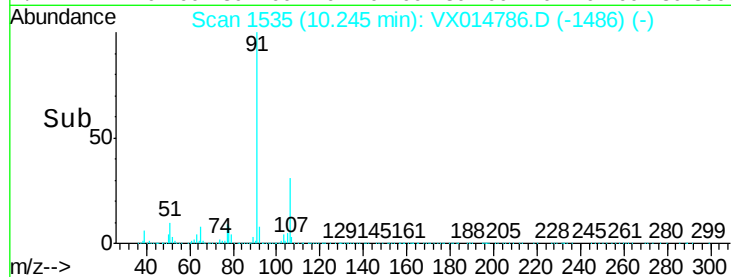
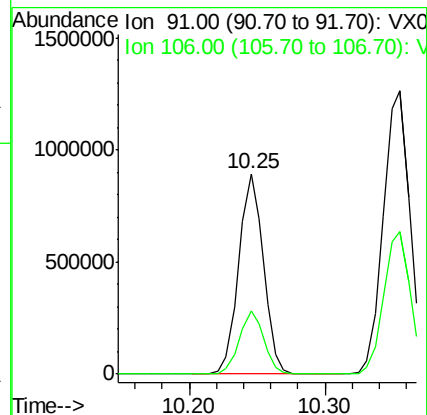
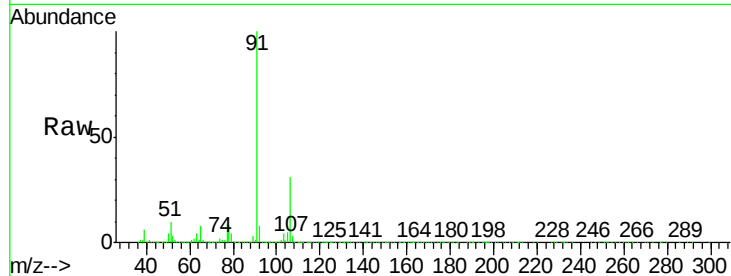
VSTDCCC050

Tgt Ion: 91 Resp: 1129948

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 107.96 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014786.D

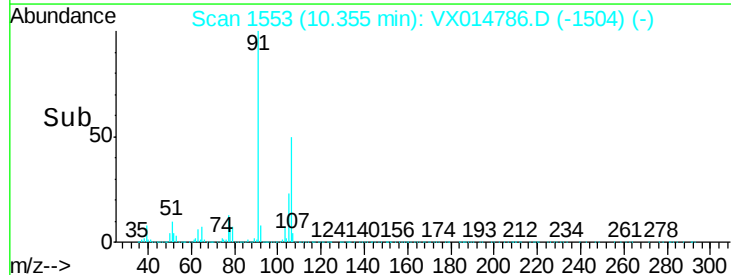
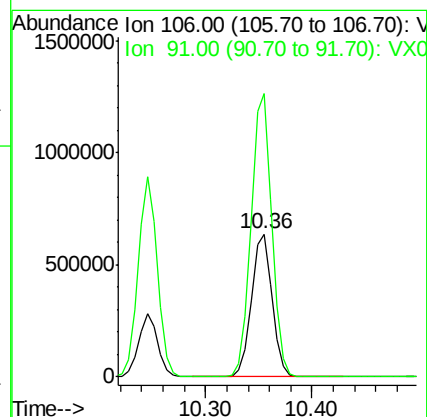
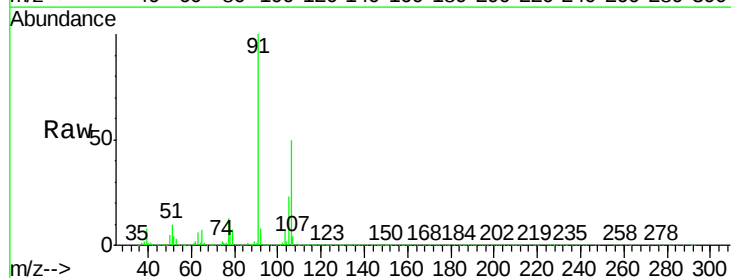
Acq: 03 Feb 2020 09:57

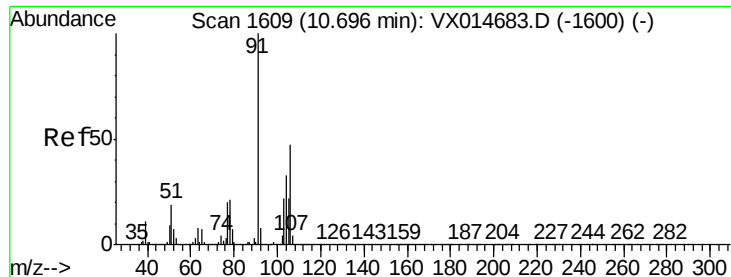
Tgt Ion: 106 Resp: 865424

Ion Ratio Lower Upper

106 100

91 199.0 159.4 239.2

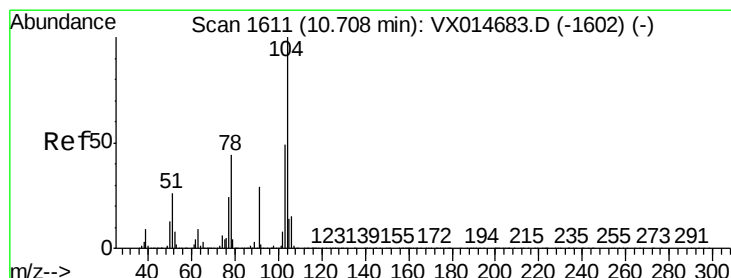
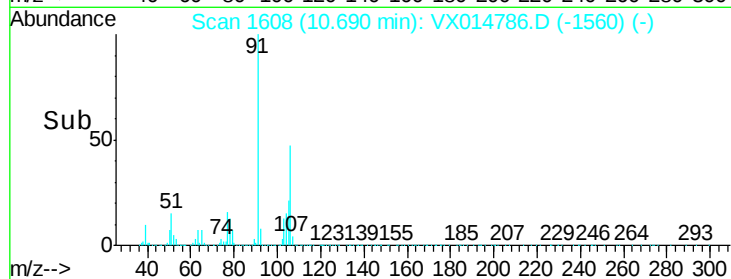
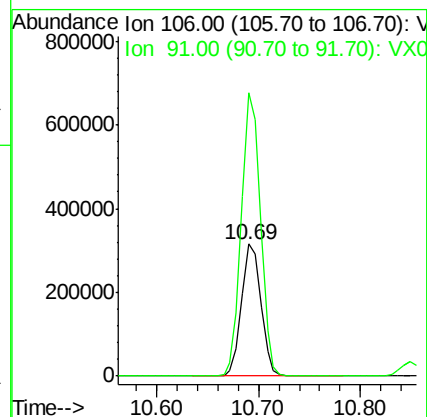
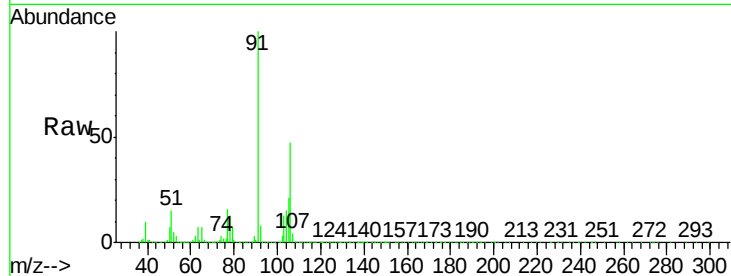




#69
o-Xylene
Concen: 53.20 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

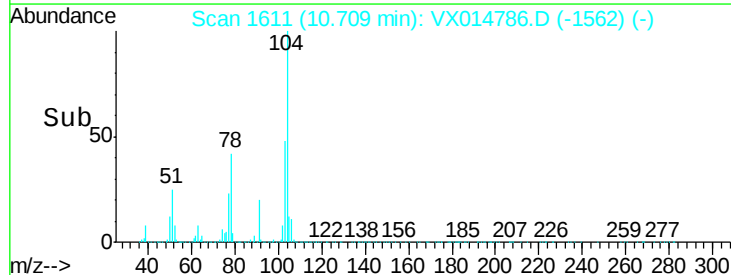
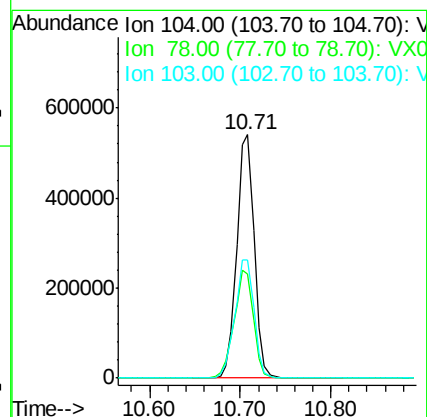
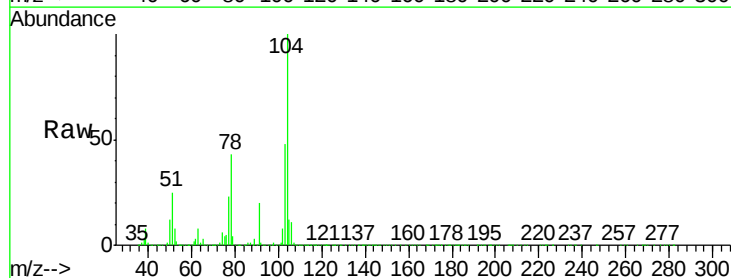
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

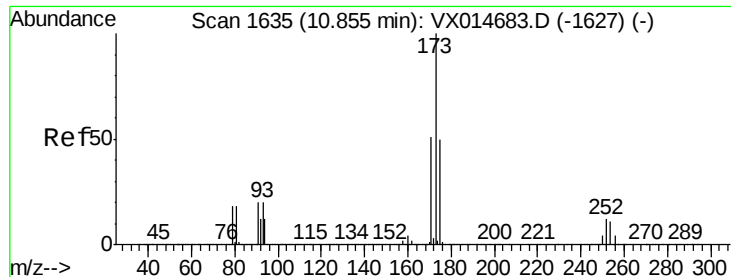
Tgt Ion:106 Resp: 411665
Ion Ratio Lower Upper
106 100
91 211.3 106.2 318.6



#70
Styrene
Concen: 55.63 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion:104 Resp: 722200
Ion Ratio Lower Upper
104 100
78 48.7 39.3 58.9
103 53.5 43.5 65.3





#71

Bromoform

Concen: 55.63 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

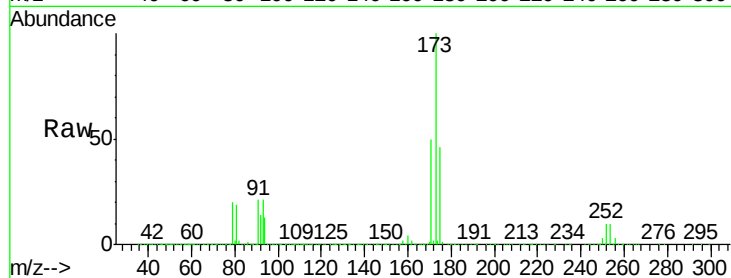
Tgt Ion:173 Resp: 202131

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

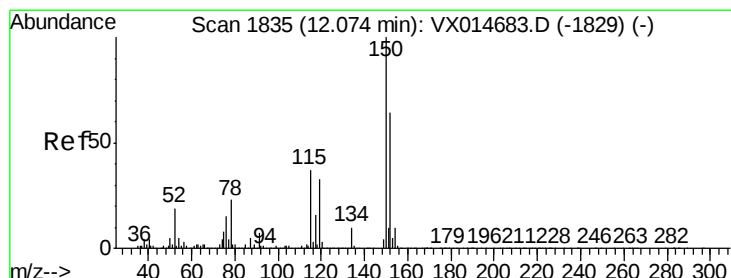
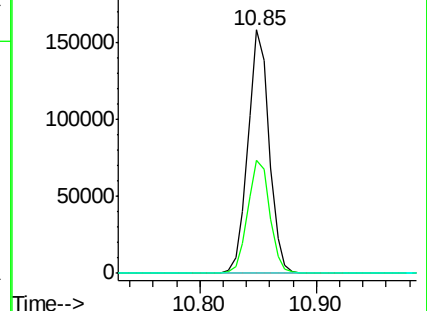
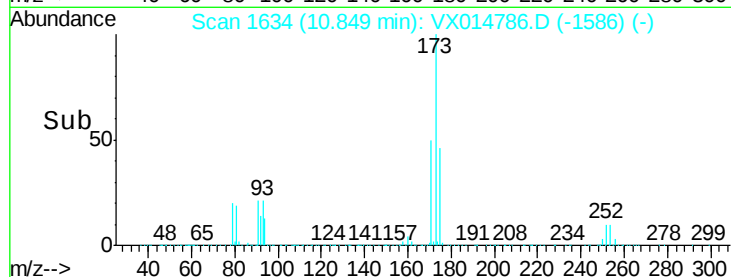
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

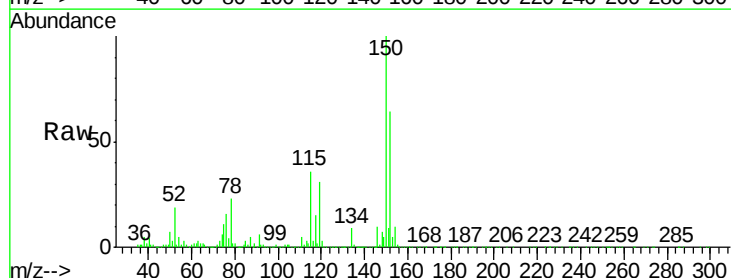
Tgt Ion:152 Resp: 297646

Ion Ratio Lower Upper

152 100

115 79.1 39.4 118.1

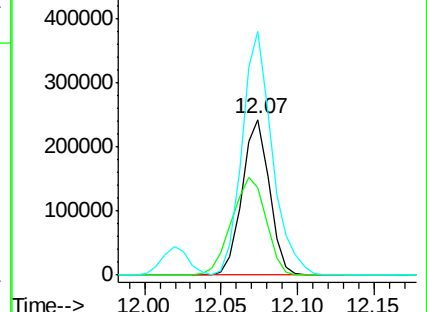
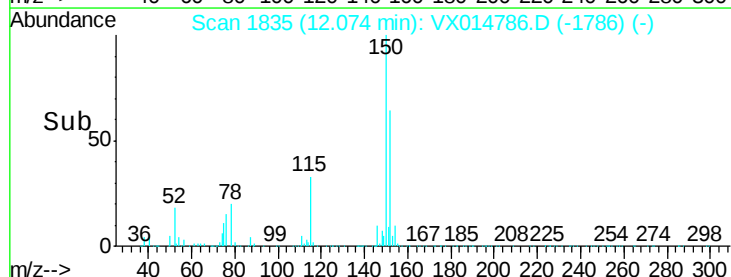
150 173.0 0.0 351.2

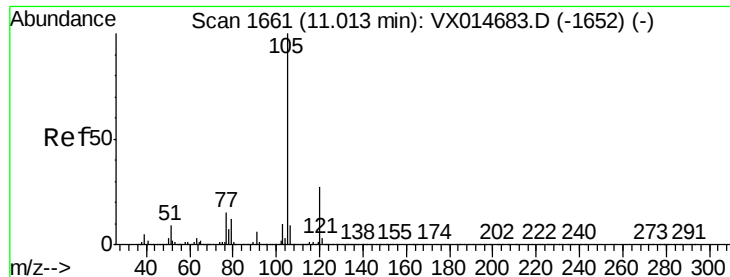


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.16 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

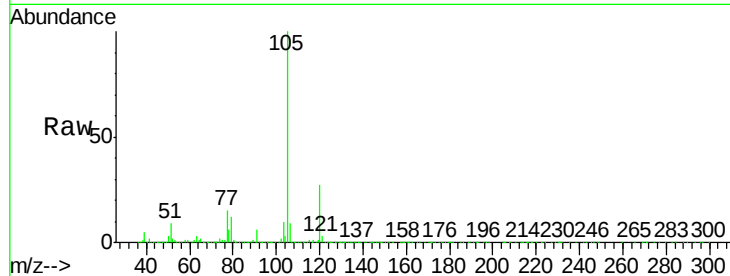
VSTDCCC050

Tgt Ion: 105 Resp: 1112576

Ion Ratio Lower Upper

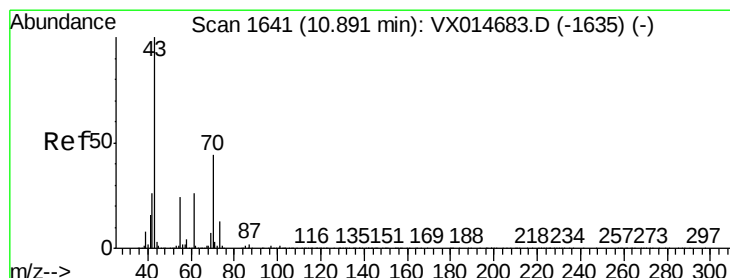
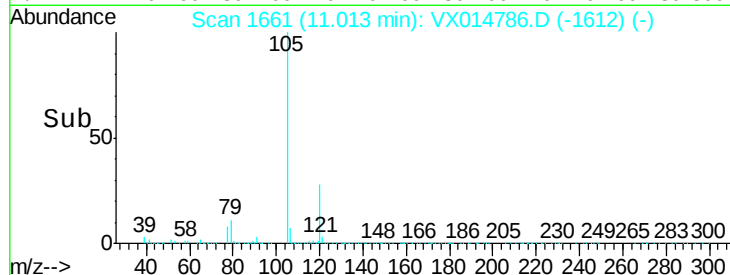
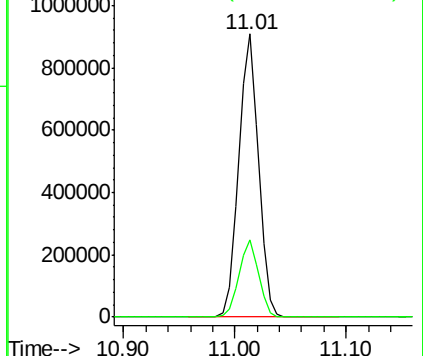
105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.46 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion: 43 Resp: 471911

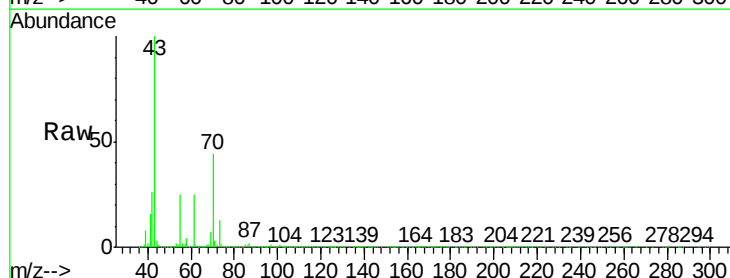
Ion Ratio Lower Upper

43 100

70 43.2 34.6 52.0

55 24.7 19.4 29.2

61 24.4 19.8 29.6

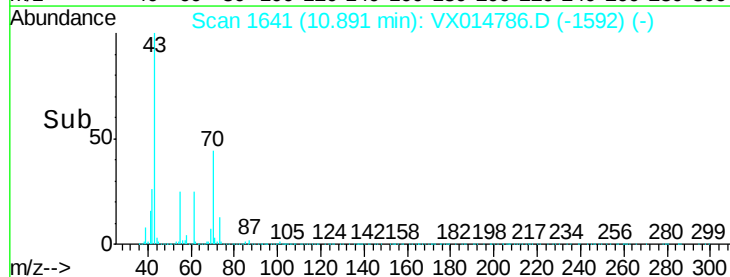
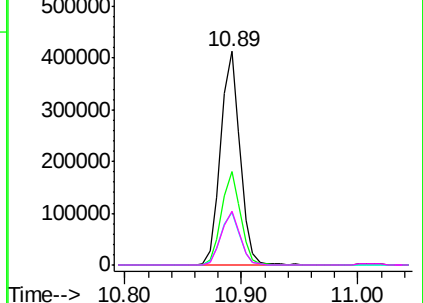


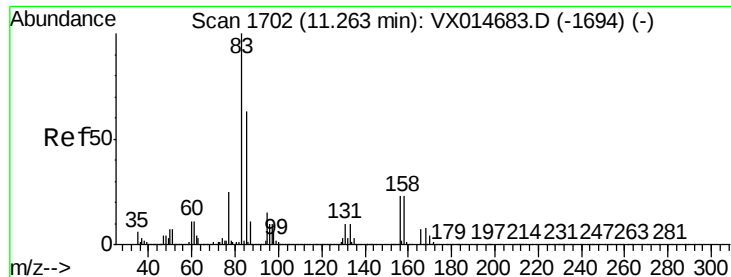
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.98 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

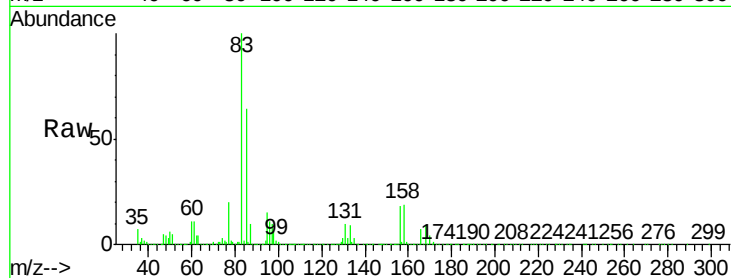
Tgt Ion: 83 Resp: 358509

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

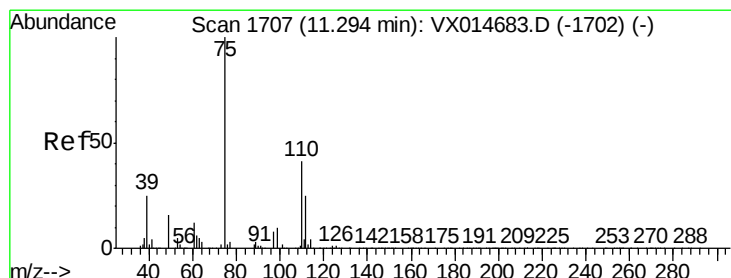
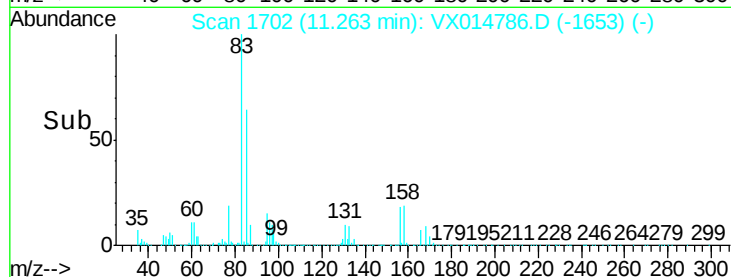
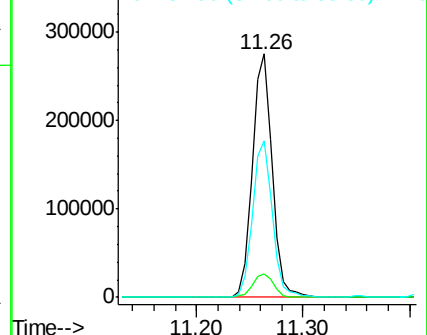
85 64.5 31.7 95.1



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: 60.83 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014786.D

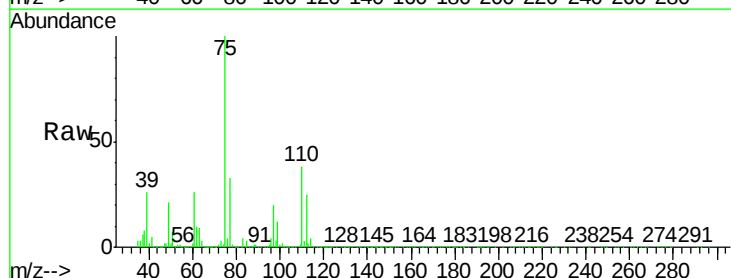
Acq: 03 Feb 2020 09:57

Tgt Ion: 75 Resp: 421234

Ion Ratio Lower Upper

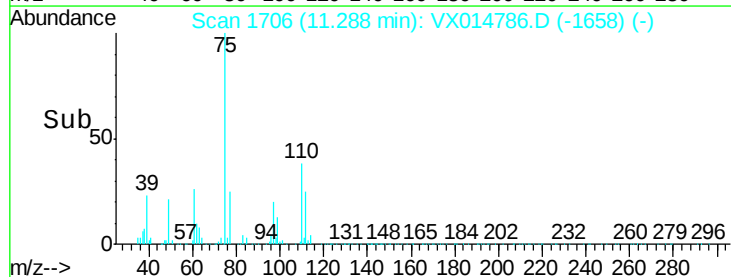
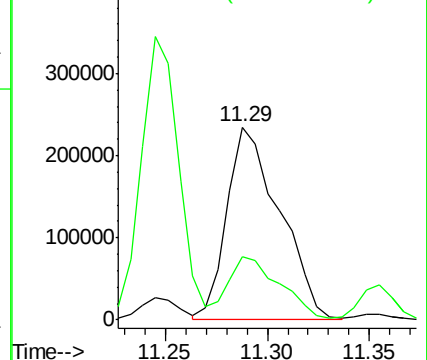
75 100

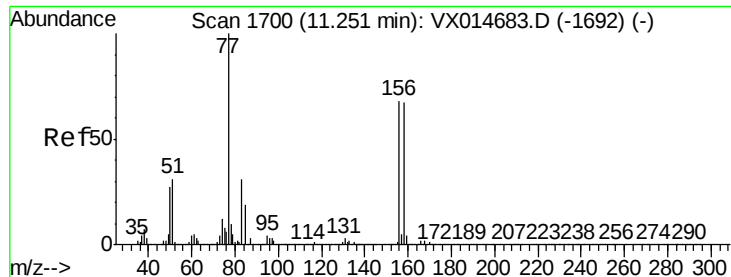
77 32.3 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.21 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

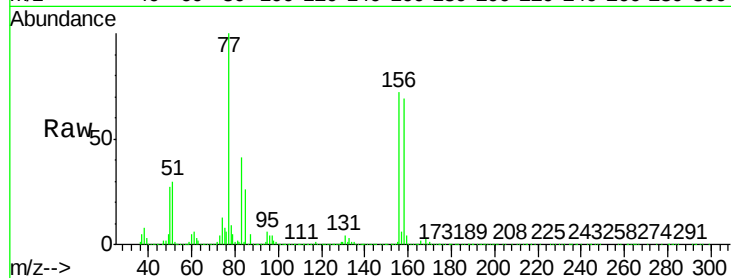
Tgt Ion: 156 Resp: 287946

Ion Ratio Lower Upper

156 100

77 152.1 77.5 232.5

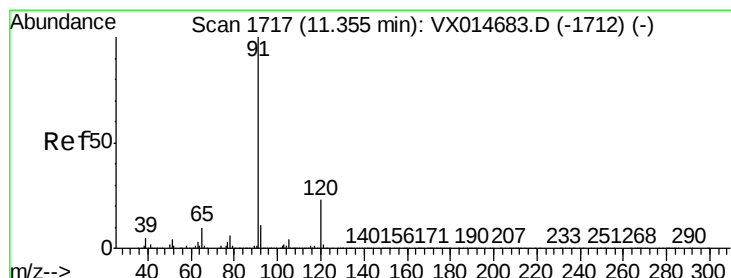
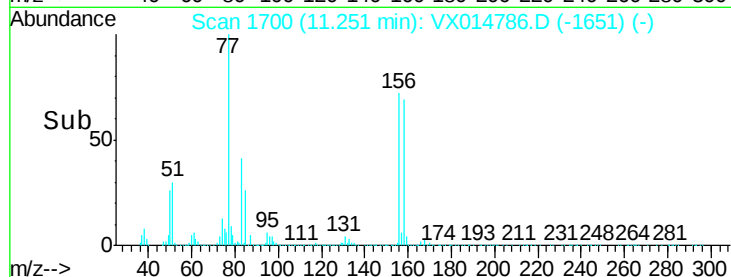
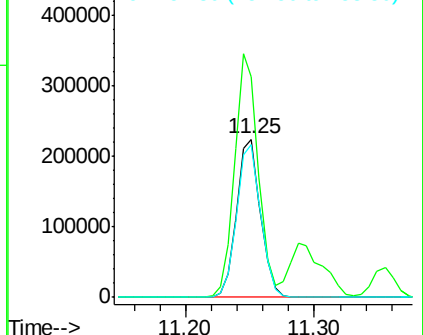
158 97.1 49.1 147.3



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: 54.27 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014786.D

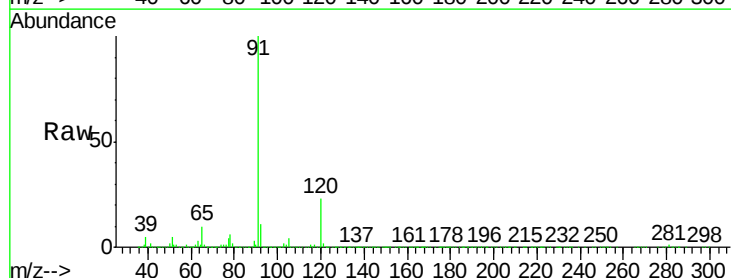
Acq: 03 Feb 2020 09:57

Tgt Ion: 91 Resp: 1289331

Ion Ratio Lower Upper

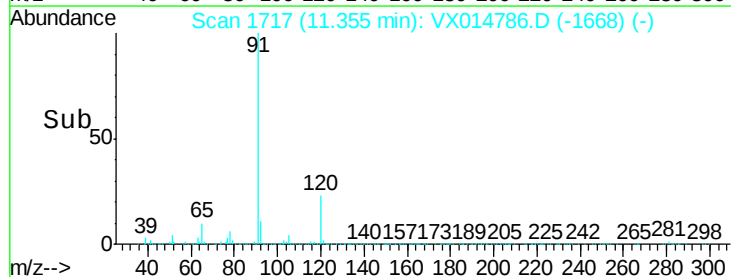
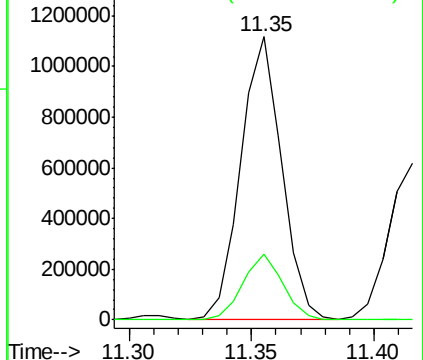
91 100

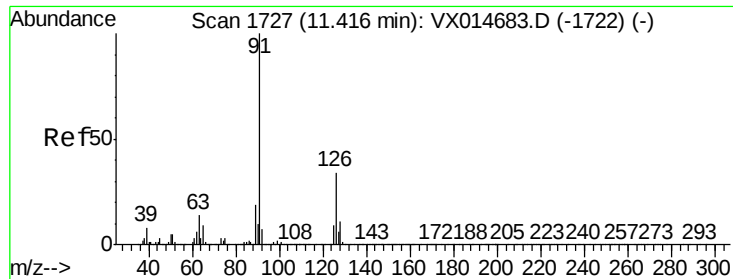
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

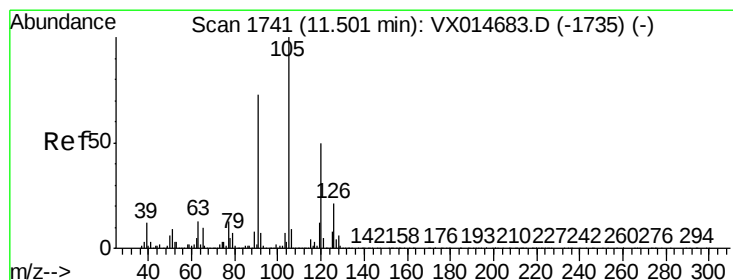
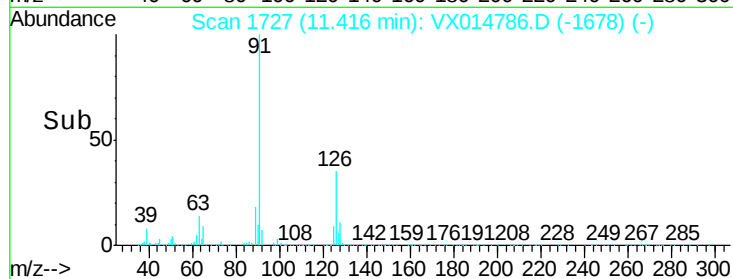
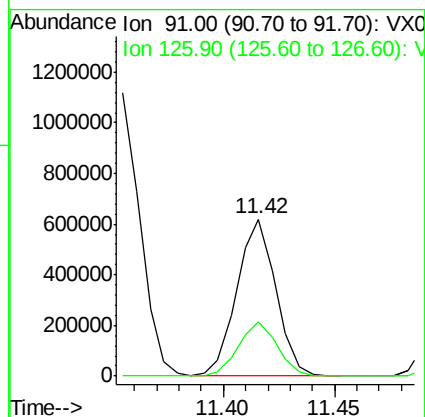
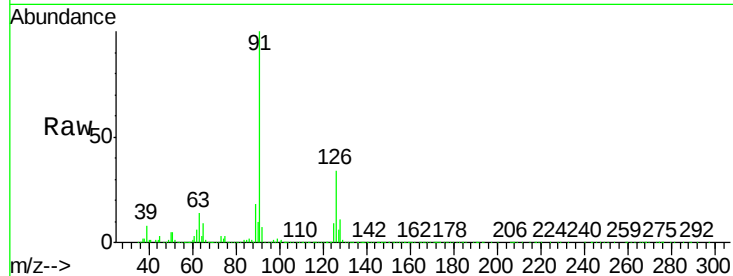




#79
 2-Chlorotoluene
 Concen: 52.29 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

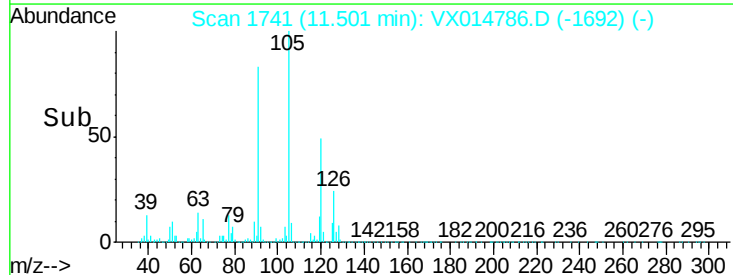
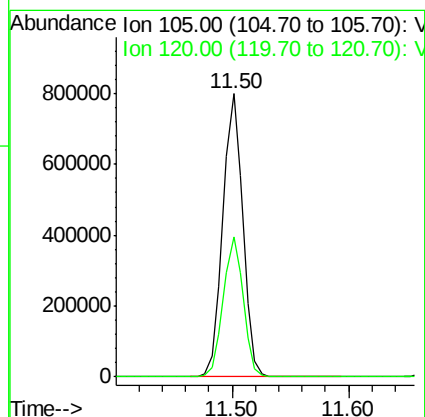
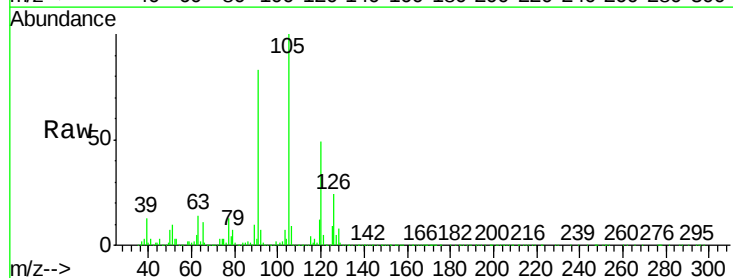
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

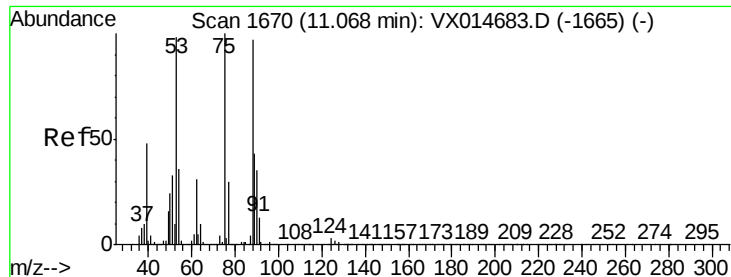
Tgt Ion: 91 Resp: 751607
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 54.30 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion: 105 Resp: 943262
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.75 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

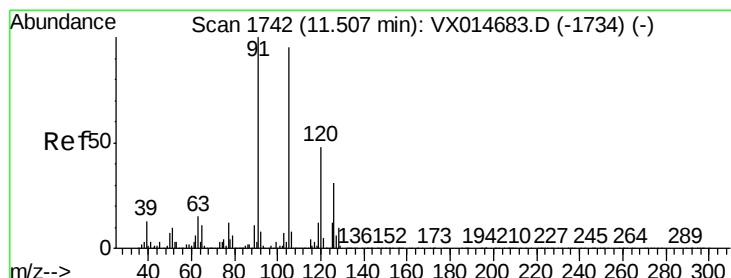
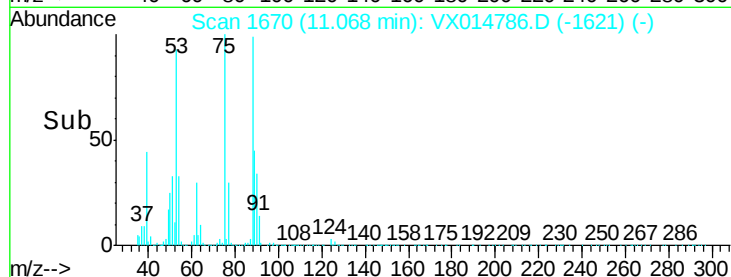
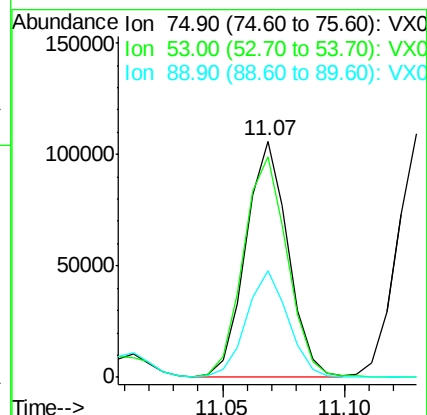
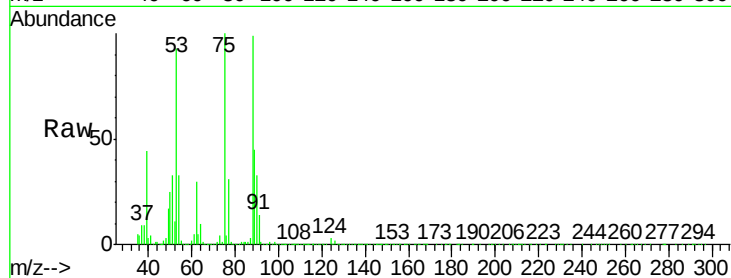
Tgt Ion: 75 Resp: 125930

Ion Ratio Lower Upper

75 100

53 97.7 78.8 118.2

89 45.2 35.4 53.0



#82

4-Chlorotoluene

Concen: 53.10 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014786.D

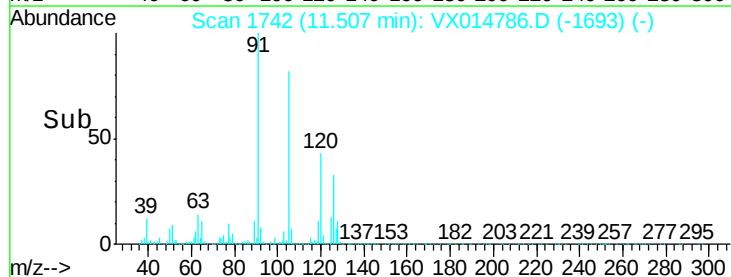
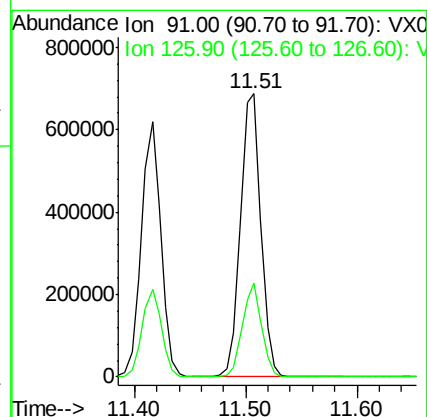
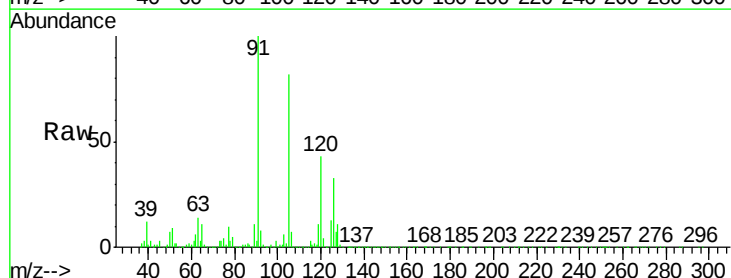
Acq: 03 Feb 2020 09:57

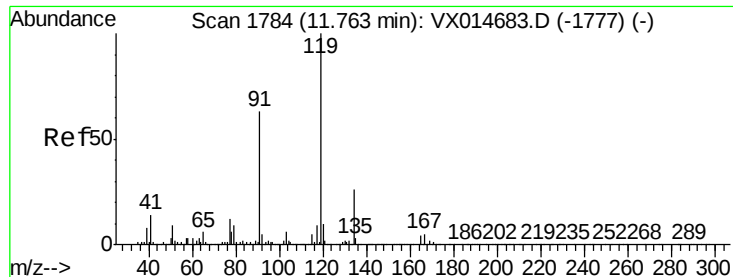
Tgt Ion: 91 Resp: 868907

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.4

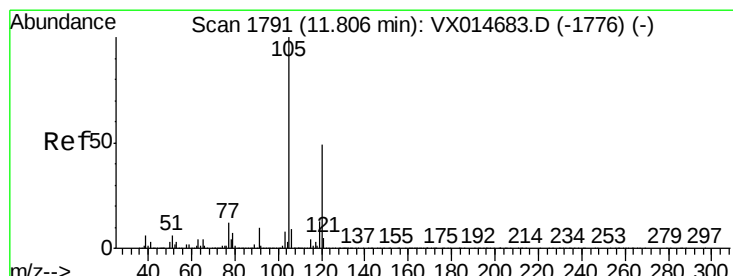
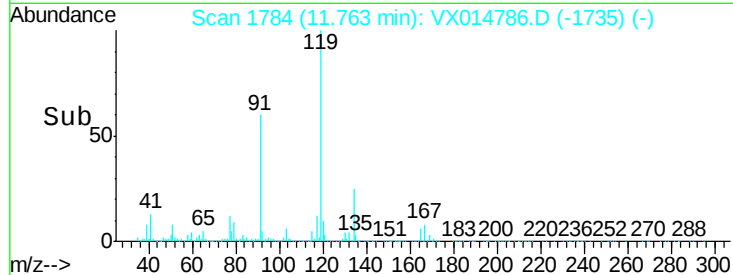
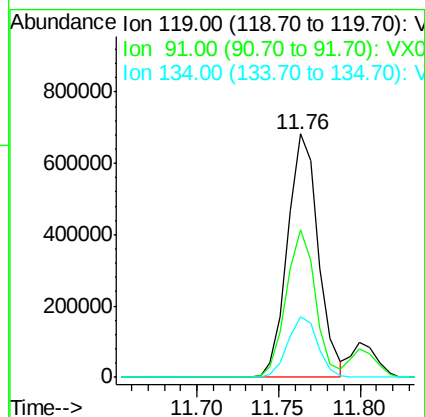
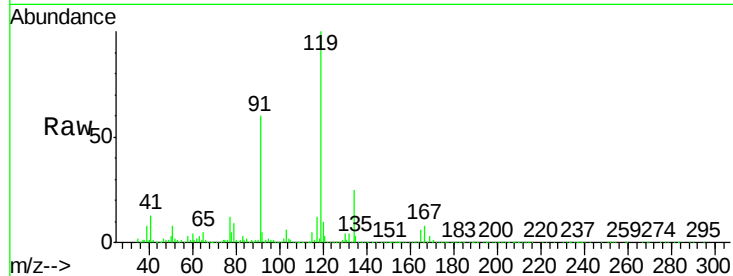




#83
 tert-Butylbenzene
 Concen: 54.58 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

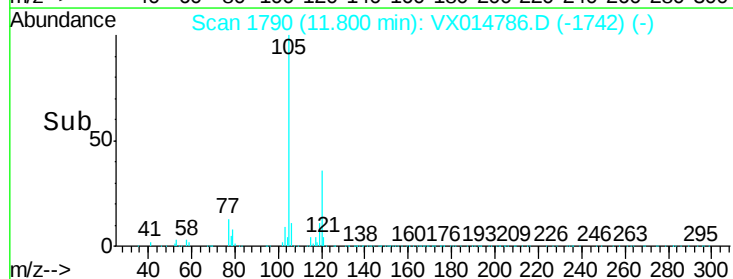
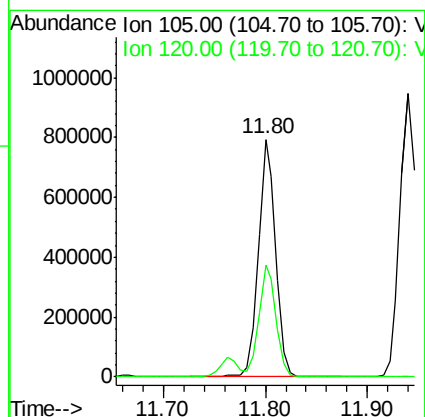
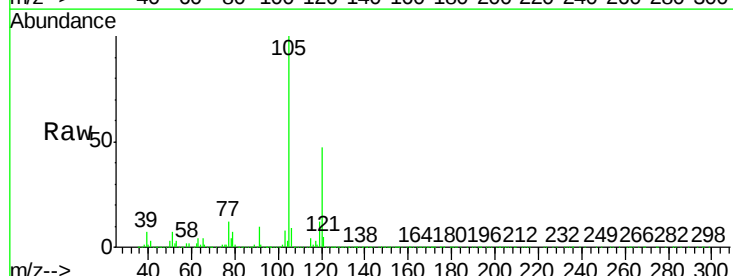
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

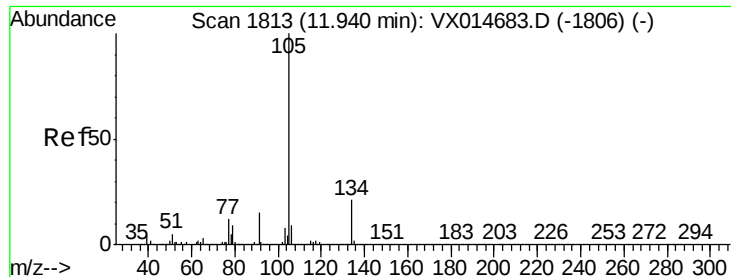
Tgt Ion:119 Resp: 890829
 Ion Ratio Lower Upper
 119 100
 91 57.7 30.0 90.0
 134 24.5 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.11 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion:105 Resp: 942803
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0

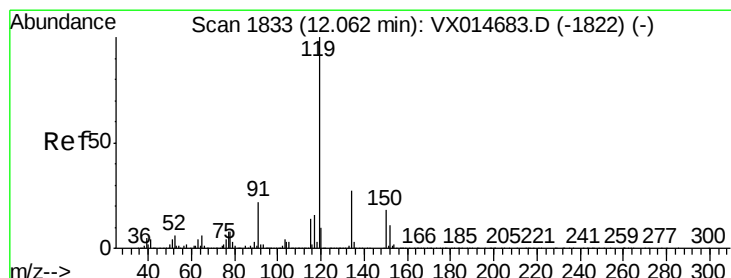
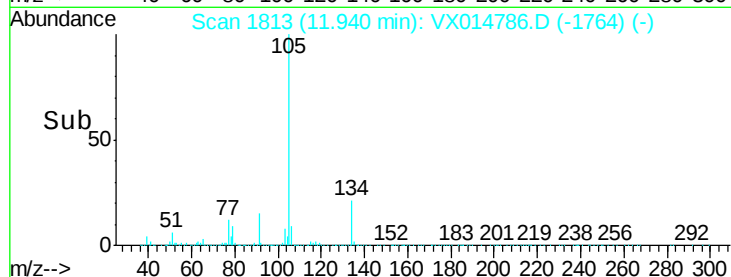
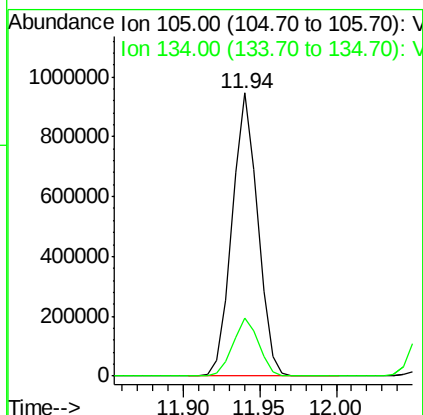
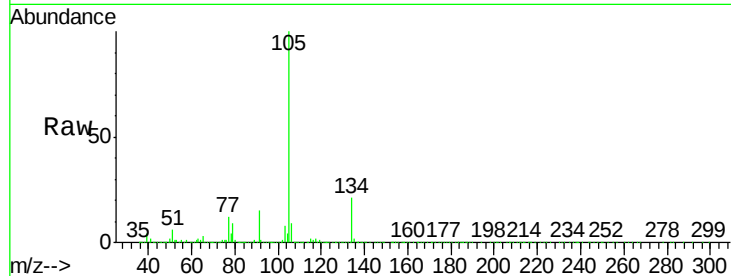




#85
 sec-Butylbenzene
 Concen: 54.80 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

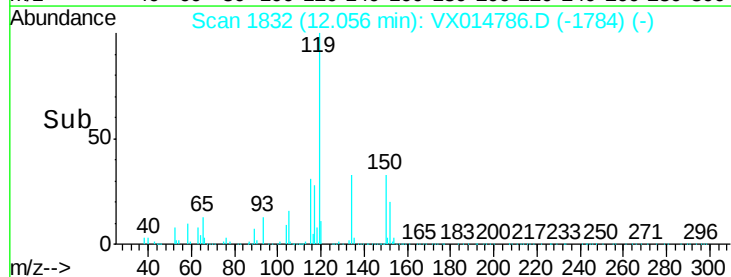
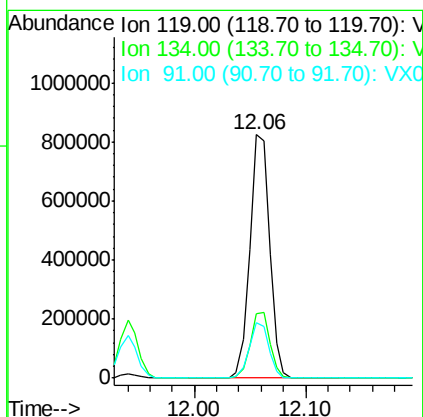
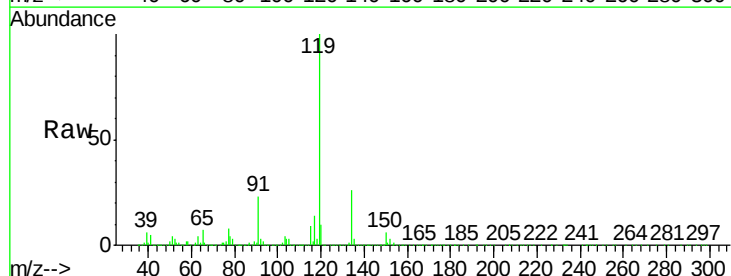
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

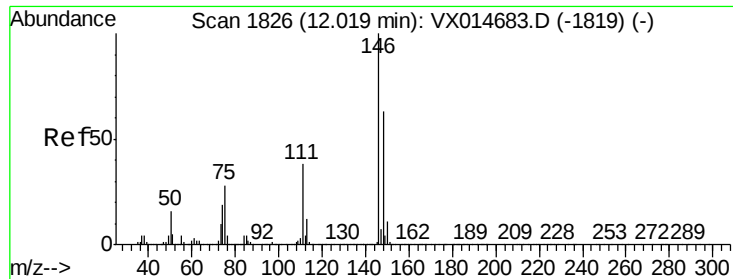
Tgt Ion:105 Resp: 1095674
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 55.06 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion:119 Resp: 1017445
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 51.15 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

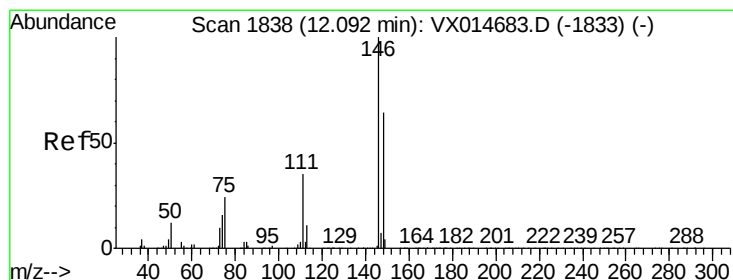
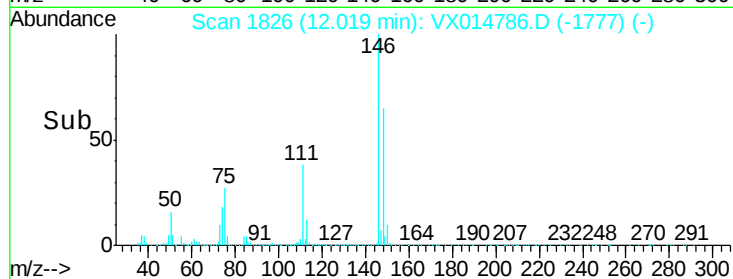
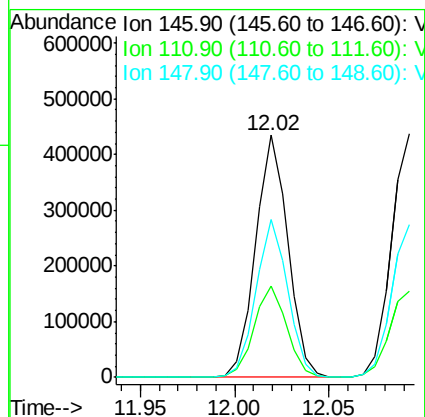
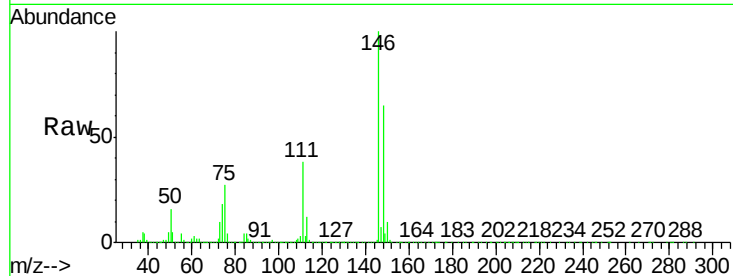
Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 516831

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.6	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 51.30 ug/l

RT: 12.09 min Scan# 1838

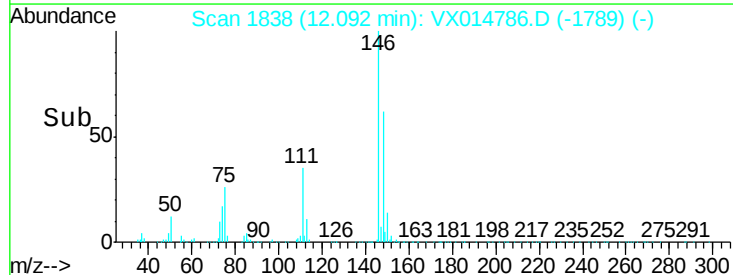
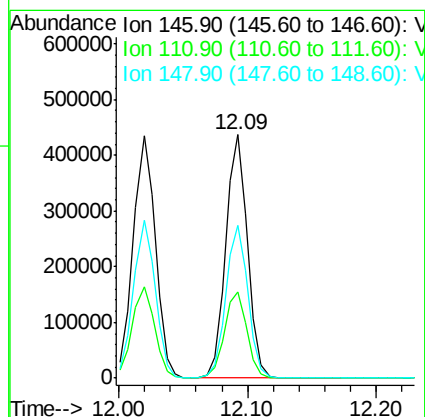
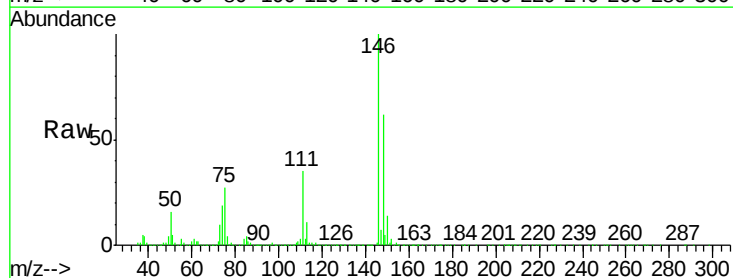
Delta R.T. 0.00 min

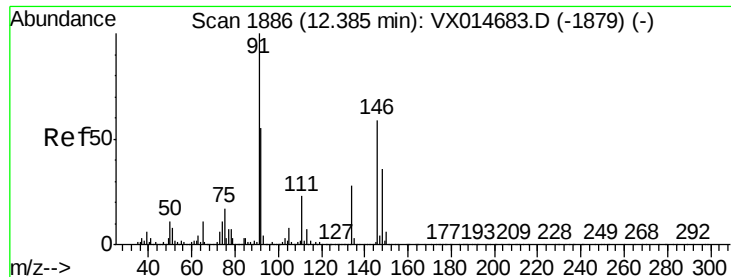
Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Tgt Ion:146 Resp: 519277

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	63.6	32.0	96.2

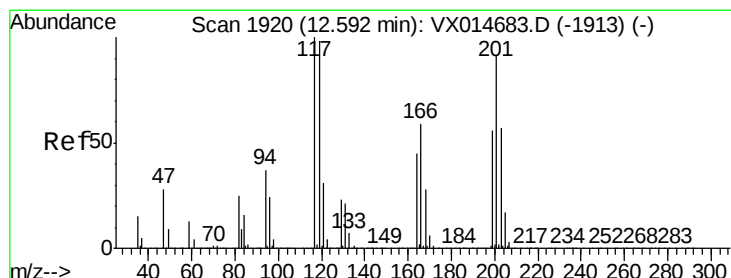
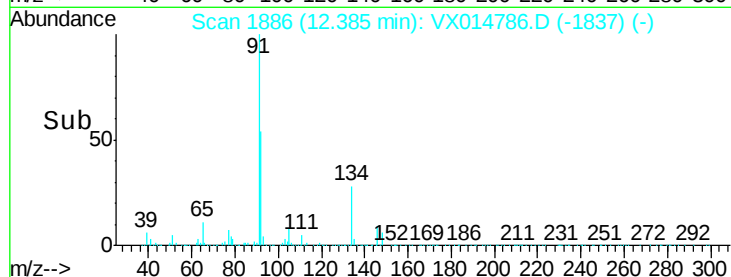
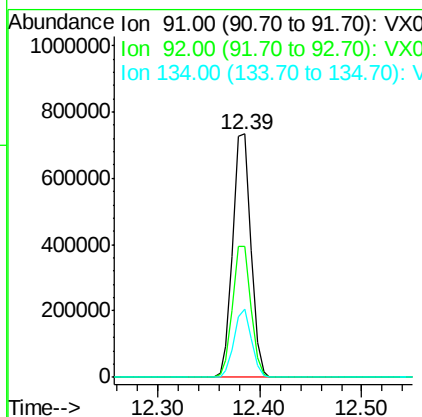
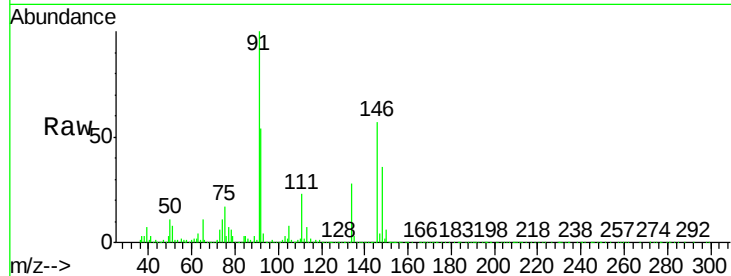




#89
n-Butylbenzene
Concen: 55.62 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

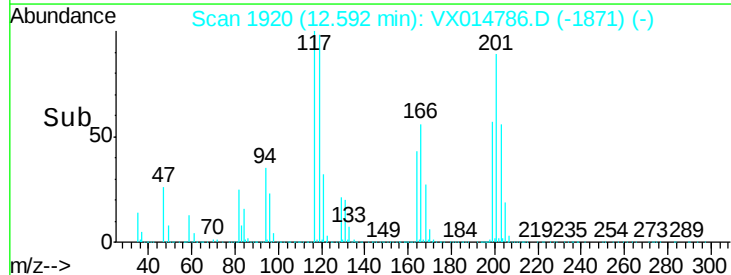
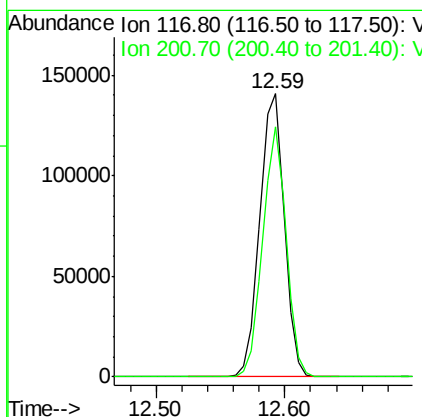
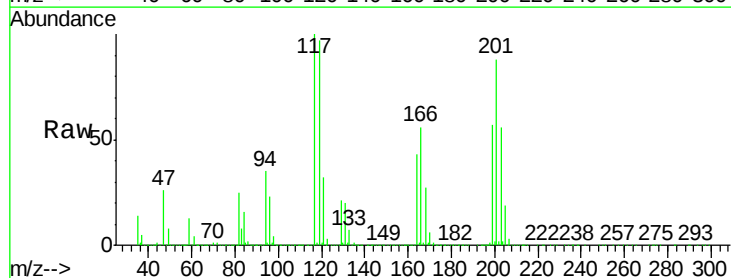
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

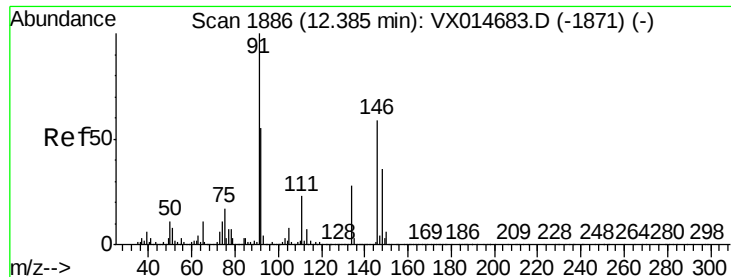
Tgt Ion: 91 Resp: 895226
Ion Ratio Lower Upper
91 100
92 54.3 27.6 82.7
134 26.8 13.3 39.8



#90
Hexachloroethane
Concen: 53.79 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion: 117 Resp: 184622
Ion Ratio Lower Upper
117 100
201 84.8 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 51.24 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

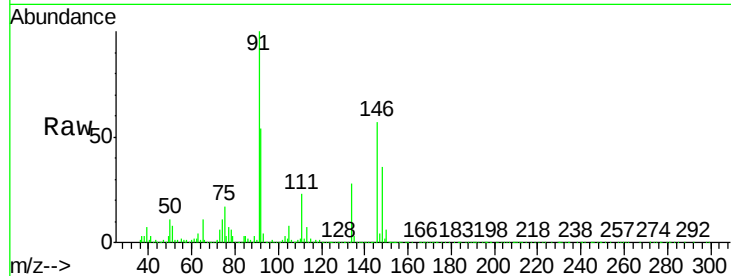
Tgt Ion:146 Resp: 514211

Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.8

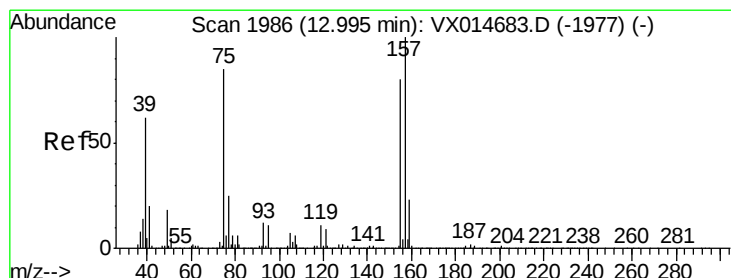
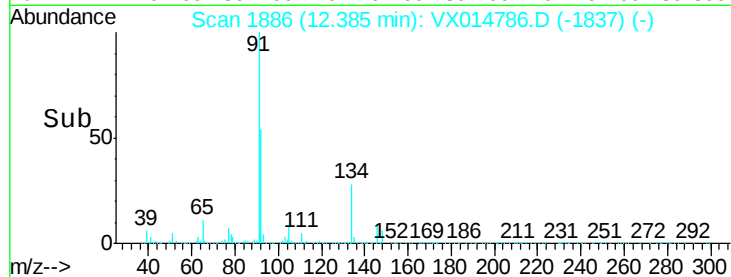
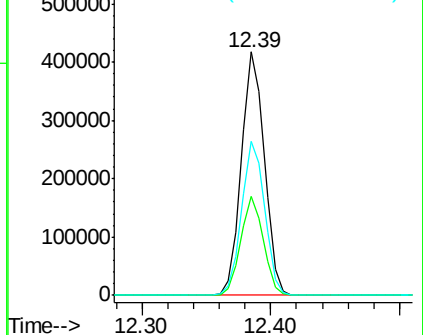
148 63.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.63 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014786.D

Acq: 03 Feb 2020 09:57

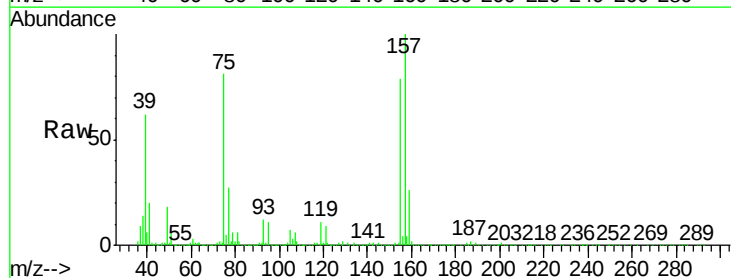
Tgt Ion: 75 Resp: 76467

Ion Ratio Lower Upper

75 100

155 92.8 45.6 136.9

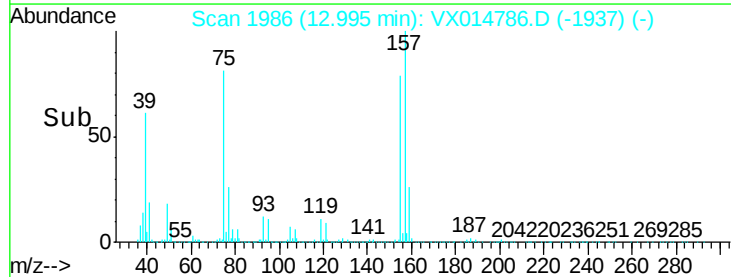
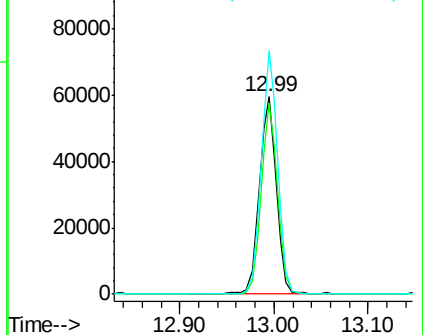
157 118.4 60.3 180.9

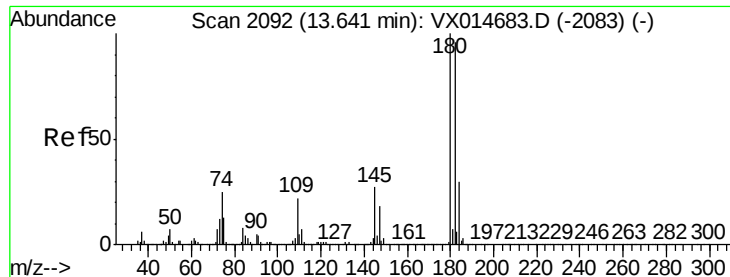


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

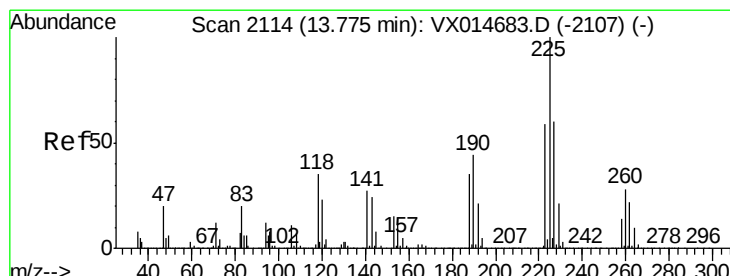
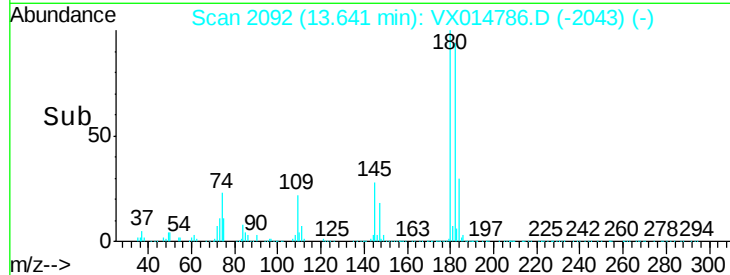
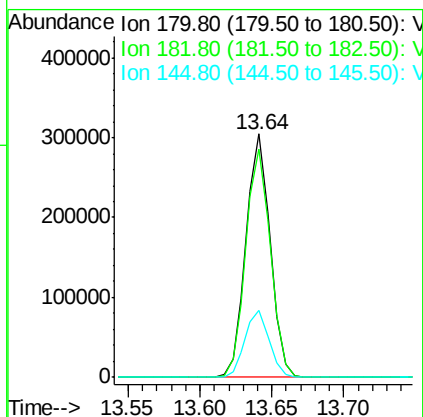
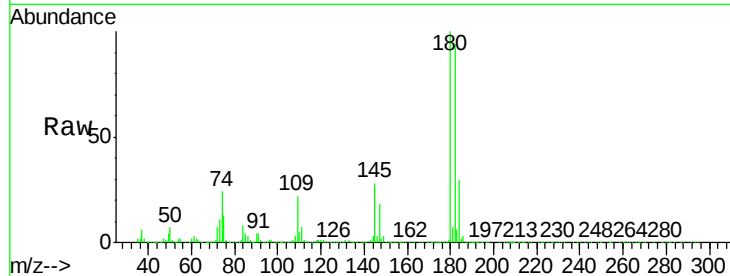




#93
 1,2,4-Trichlorobenzene
 Concen: 54.41 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

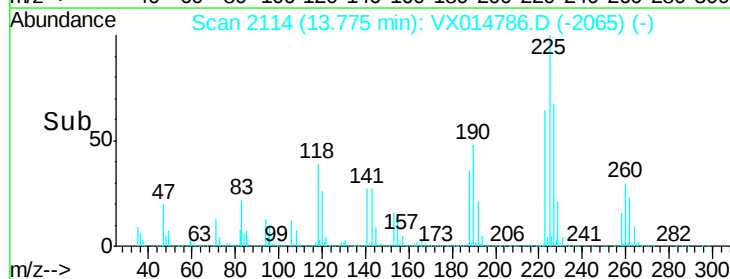
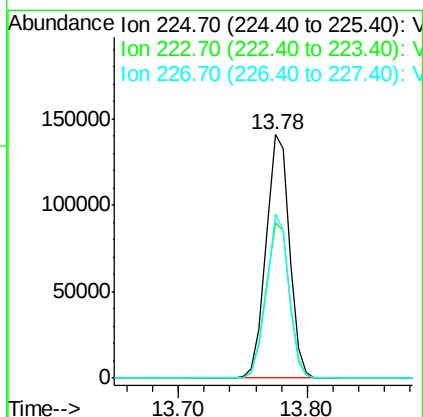
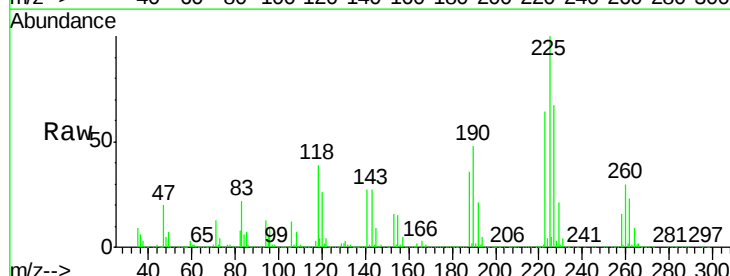
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

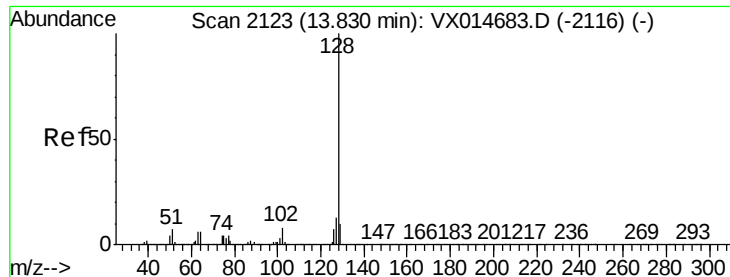
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.6
145	28.0	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 53.42 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014786.D
 Acq: 03 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.6	91.8
227	65.1	31.4	94.0

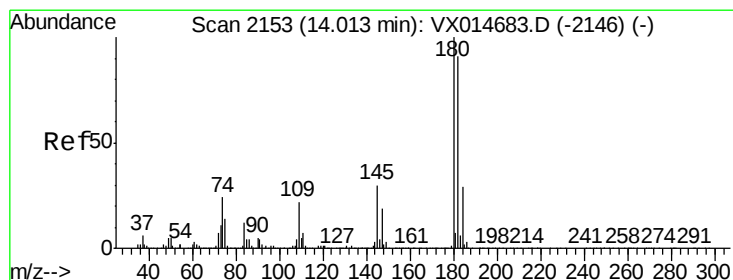
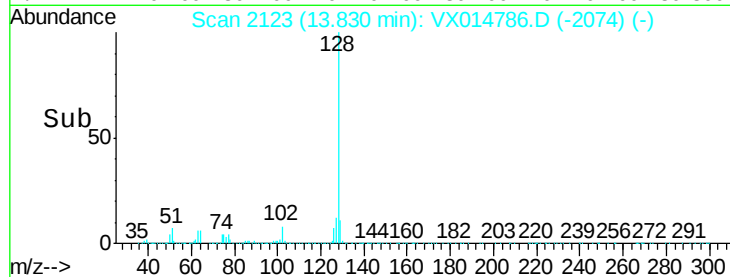
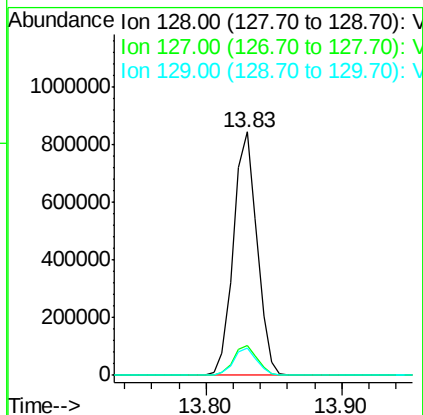
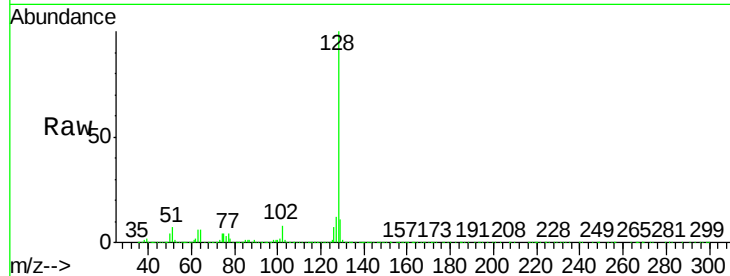




#95
Naphthalene
Concen: 48.78 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1017263
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.35 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014786.D
Acq: 03 Feb 2020 09:57

Tgt Ion:180 Resp: 349025
Ion Ratio Lower Upper
180 100
182 95.8 46.6 139.7
145 30.7 14.7 44.1

