

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015094.D
 Acq On : 04 Mar 2020 17:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 05 07:44:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	385740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	596832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	558313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	293924	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	223079	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.49	113	180172	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.71	98	707416	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	252156	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	164889	48.815	ug/l	99
3) Chloromethane	1.32	50	231580	48.400	ug/l	98
4) Vinyl Chloride	1.40	62	234980	48.432	ug/l	99
5) Bromomethane	1.63	94	144774	48.536	ug/l	96
6) Chloroethane	1.72	64	145334	49.936	ug/l	99
7) Trichlorofluoromethane	1.92	101	282480	48.931	ug/l	96
8) Diethyl Ether	2.18	74	127696	48.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	176968	48.723	ug/l	99
10) Methyl Iodide	2.50	142	197873	48.220	ug/l	100
11) Tert butyl alcohol	3.03	59	174457	219.723	ug/l	99
12) 1,1-Dichloroethene	2.37	96	182540	48.696	ug/l	97
13) Acrolein	2.28	56	166862	223.628	ug/l	100
14) Allyl chloride	2.72	41	317084	48.513	ug/l	100
15) Acrylonitrile	3.13	53	494467	250.066	ug/l	100
16) Acetone	2.43	43	400796	216.258	ug/l	100
17) Carbon Disulfide	2.56	76	491974	47.259	ug/l	100
18) Methyl Acetate	2.76	43	210916	46.542	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	591884	50.529	ug/l	100
20) Methylene Chloride	2.85	84	202958	46.794	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	193339	48.304	ug/l	95
22) Diisopropyl ether	3.84	45	658825	50.593	ug/l	99
23) Vinyl Acetate	3.81	43	2796880	261.285	ug/l	100
24) 1,1-Dichloroethane	3.69	63	347553	48.089	ug/l	98
25) 2-Butanone	4.66	43	657727	242.412	ug/l	100
26) 2,2-Dichloropropane	4.58	77	266291	46.413	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	222464	49.543	ug/l	100
28) Bromochloromethane	5.01	49	163678	49.734	ug/l	100
29) Tetrahydrofuran	5.11	42	435576	249.043	ug/l	99
30) Chloroform	5.20	83	348096	49.416	ug/l	99
31) Cyclohexane	5.58	56	319041	49.490	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	296712	50.813	ug/l	98
36) 1,1-Dichloropropene	5.79	75	264984	48.027	ug/l	99
37) Ethyl Acetate	4.82	43	272337	53.211	ug/l	99
38) Carbon Tetrachloride	5.78	117	255482	49.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	316231	49.084	ug/l	97
40) Benzene	6.14	78	804792	49.164	ug/l	99
41) Methacrylonitrile	5.03	41	151076	49.144	ug/l	99
42) 1,2-Dichloroethane	6.18	62	282507	50.255	ug/l	99
43) Isopropyl Acetate	6.43	43	449750	49.952	ug/l	100
44) Trichloroethene	7.21	130	218860	48.008	ug/l	95
45) 1,2-Dichloropropane	7.51	63	208930	49.310	ug/l	99
46) Dibromomethane	7.65	93	133859	48.485	ug/l	98
47) Bromodichloromethane	7.89	83	275067	50.383	ug/l	99
48) Methyl methacrylate	7.76	41	225355	49.177	ug/l	99
49) 1,4-Dioxane	7.73	88	83619	843.963	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1366658	256.724	ug/l	99
52) Toluene	8.78	92	507882	50.743	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	298922	51.440	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	332669	50.638	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	203815	49.474	ug/l	98
56) Ethyl methacrylate	9.17	69	316774	53.909	ug/l	99
57) 1,3-Dichloropropane	9.37	76	345999	49.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	824007	257.408	ug/l	99
59) 2-Hexanone	9.48	43	1009098	255.749	ug/l	99
60) Dibromochloromethane	9.57	129	224723	51.929	ug/l	98
61) 1,2-Dibromoethane	9.67	107	212759	49.170	ug/l	100
64) Tetrachloroethene	9.33	164	220699	47.810	ug/l	96
65) Chlorobenzene	10.14	112	553443	49.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	204432	48.368	ug/l	99
67) Ethyl Benzene	10.25	91	970003	50.962	ug/l	98
68) m/p-Xylenes	10.35	106	741406	102.380	ug/l	100
69) o-Xylene	10.70	106	356755	51.454	ug/l	99
70) Styrene	10.71	104	615049	51.736	ug/l	100
71) Bromoform	10.85	173	168728	51.479	ug/l	98
73) Isopropylbenzene	11.01	105	944162	50.285	ug/l	100
74) N-amyl acetate	10.89	43	404759	51.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	300730	48.060	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	342326	58.388	ug/l	78
77) Bromobenzene	11.25	156	246657	47.138	ug/l	98
78) n-propylbenzene	11.35	91	1093470	50.975	ug/l	100
79) 2-Chlorotoluene	11.42	91	637024	49.727	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	785674	50.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	99529	48.178	ug/l	99
82) 4-Chlorotoluene	11.51	91	739010	48.829	ug/l	100
83) tert-Butylbenzene	11.76	119	769094	50.888	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	800011	50.949	ug/l	99
85) sec-Butylbenzene	11.94	105	909276	49.838	ug/l	100
86) p-Isopropyltoluene	12.06	119	850191	50.580	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	443025	48.161	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	442317	46.574	ug/l	99
89) n-Butylbenzene	12.39	91	760595	50.876	ug/l	99
90) Hexachloroethane	12.59	117	153104	48.179	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	440732	48.191	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	63582	50.743	ug/l	99

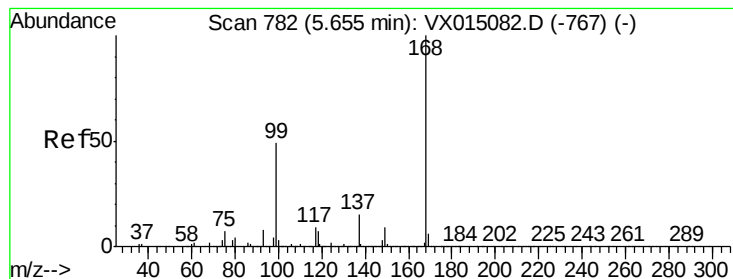
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	310221	48.867	ug/l	99
94) Hexachlorobutadiene	13.78	225	146190	44.877	ug/l	98
95) Naphthalene	13.83	128	898638	46.298	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	315999	49.890	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

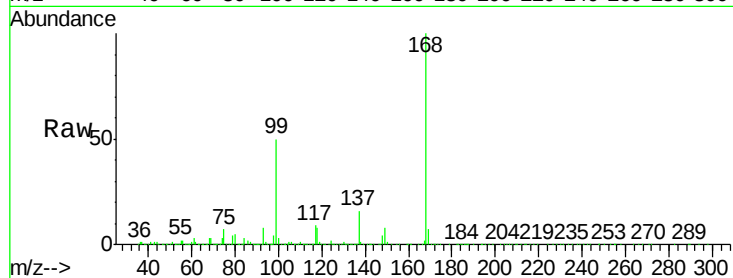
VSTDCCC050EC

Tgt Ion:168 Resp: 385740

Ion Ratio Lower Upper

168 100

99 49.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

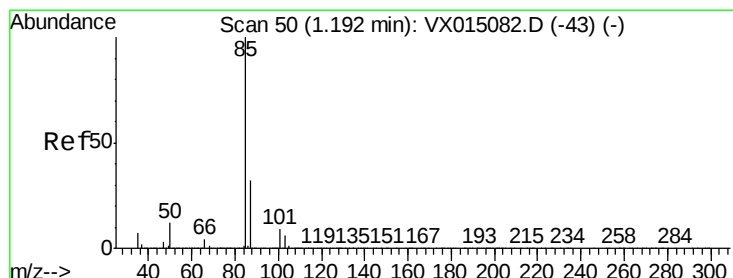
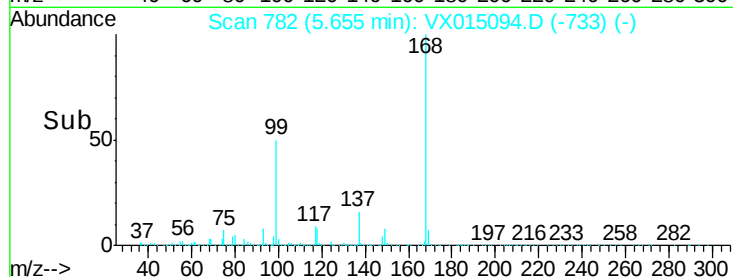
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.815 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015094.D

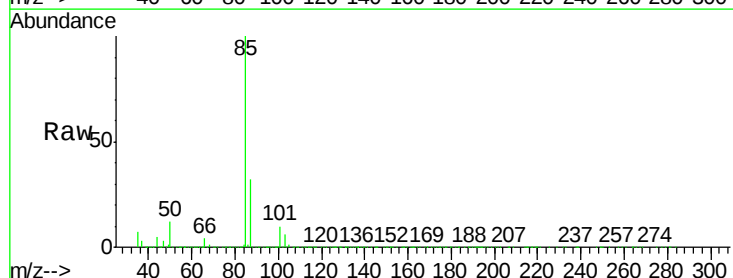
Acq: 04 Mar 2020 17:50

Tgt Ion: 85 Resp: 164889

Ion Ratio Lower Upper

85 100

87 31.7 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

200000

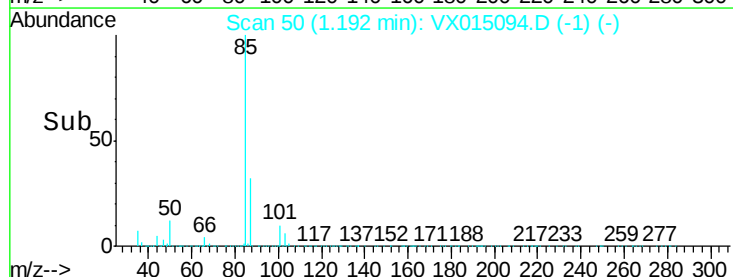
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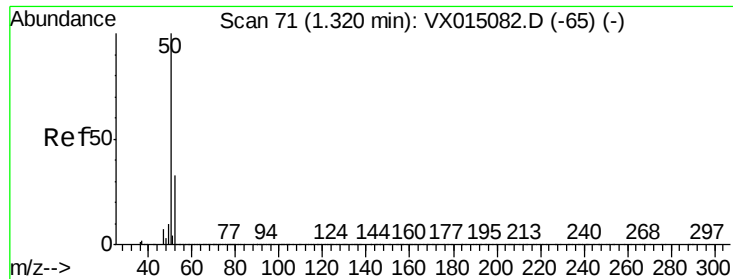
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Time-->

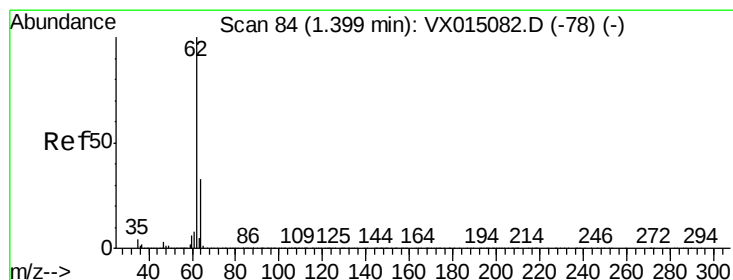
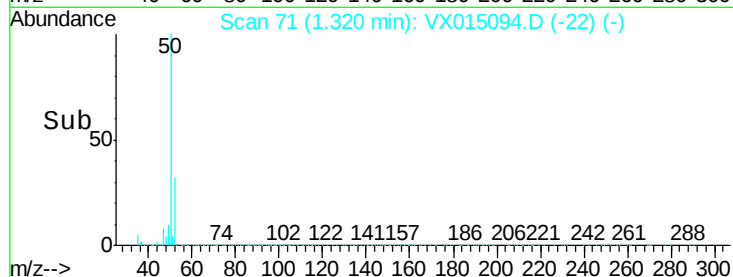
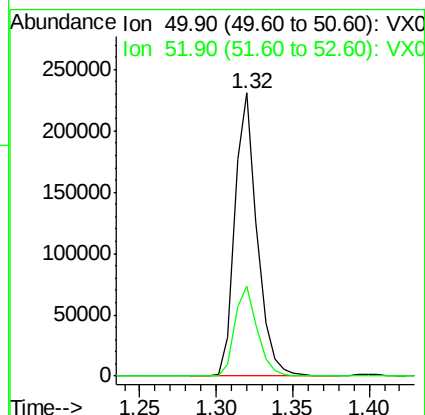
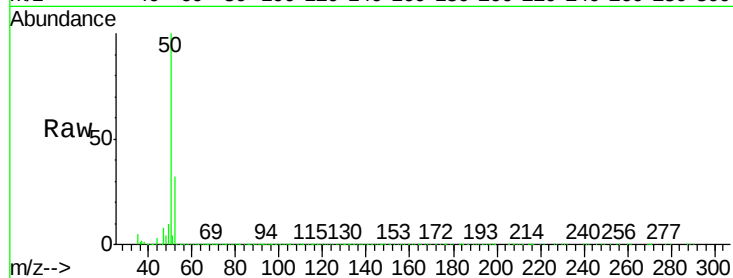




#3
Chloromethane
Concen: 48.400 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

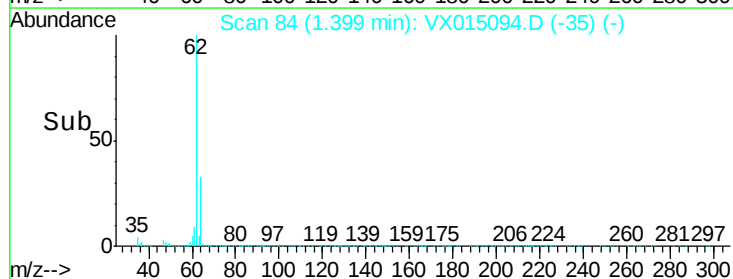
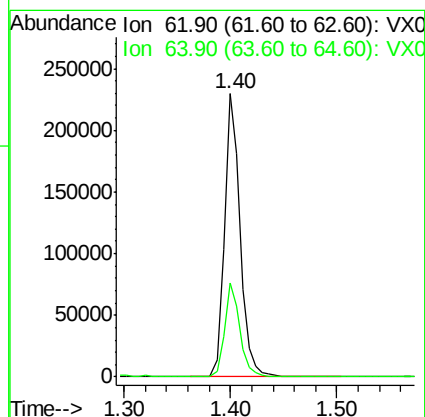
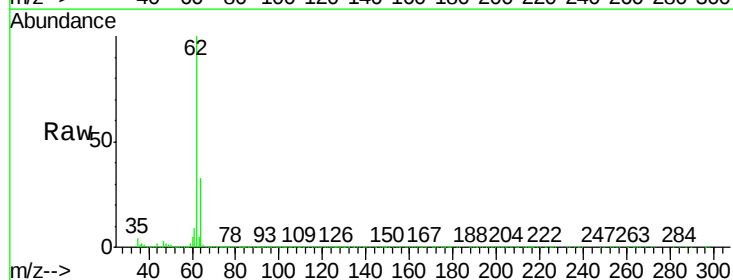
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

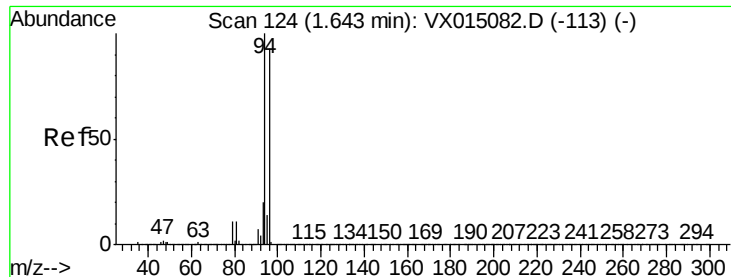
Tgt Ion: 50 Resp: 231580
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 48.432 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion: 62 Resp: 234980
Ion Ratio Lower Upper
62 100
64 33.0 26.1 39.1





#5

Bromomethane

Concen: 48.536 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

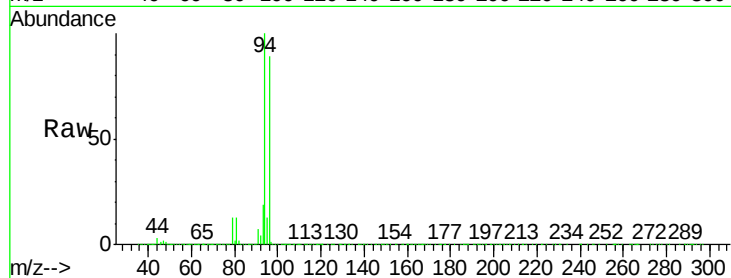
VSTDCCC050EC

Tgt Ion: 94 Resp: 144774

Ion Ratio Lower Upper

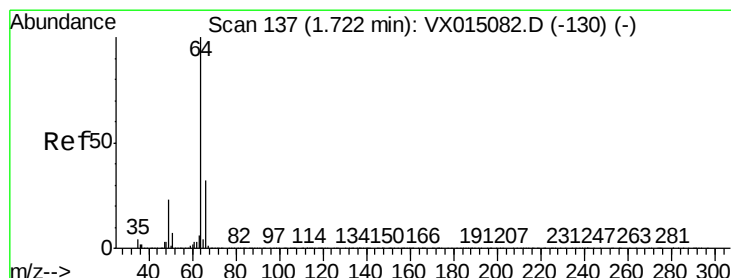
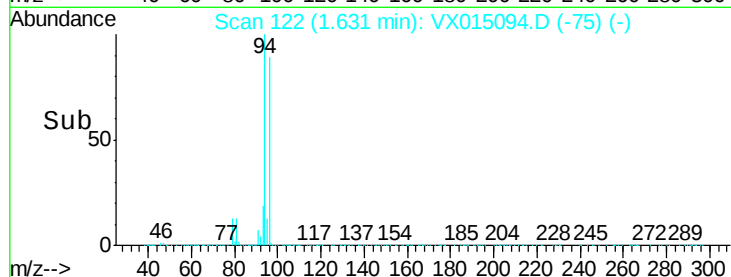
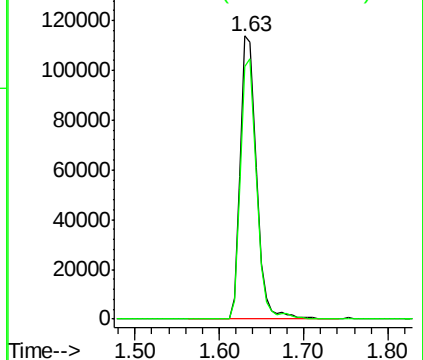
94 100

96 89.3 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.936 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015094.D

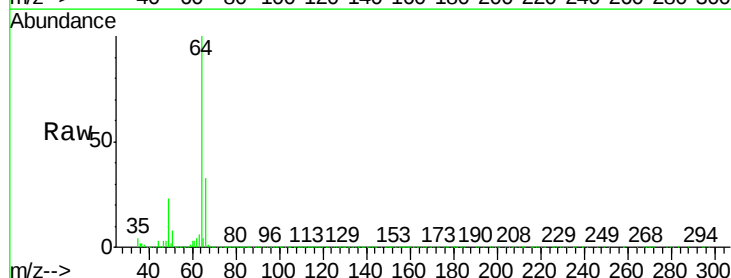
Acq: 04 Mar 2020 17:50

Tgt Ion: 64 Resp: 145334

Ion Ratio Lower Upper

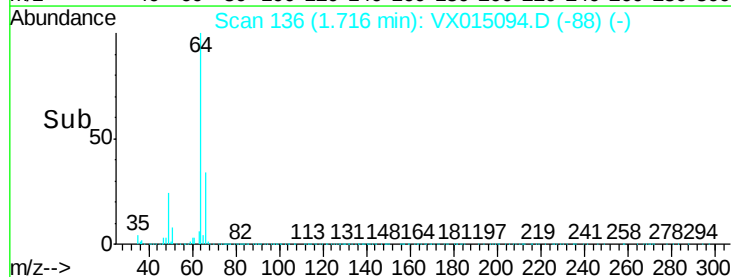
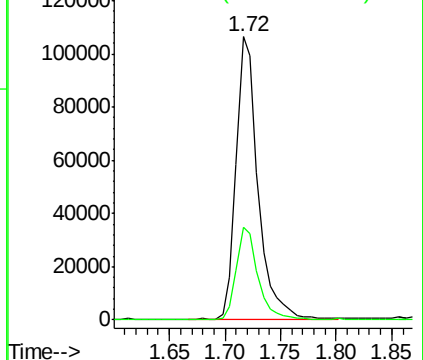
64 100

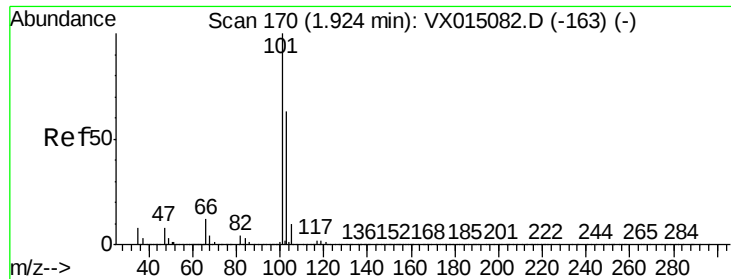
66 32.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



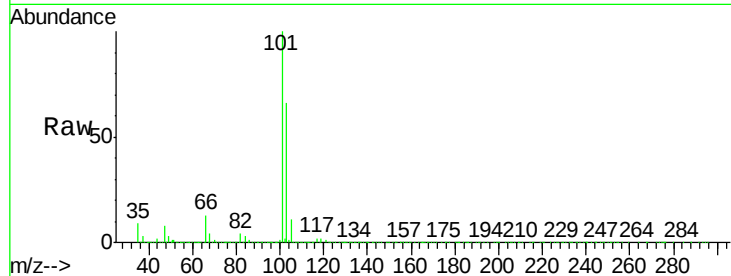


#7

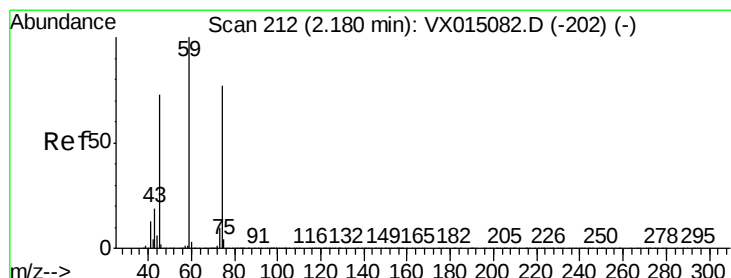
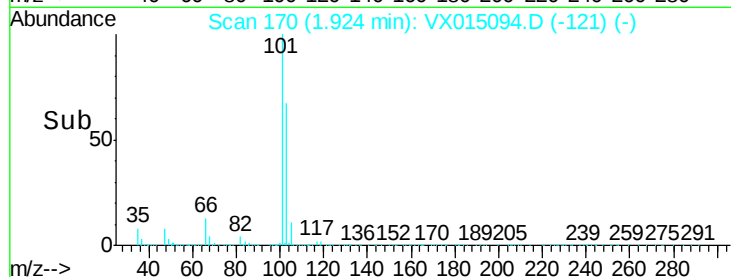
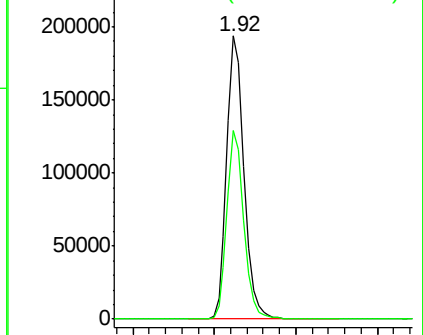
Trichlorofluoromethane
 Concen: 48.931 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
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 VSTDCCC050EC

Tgt Ion: 101 Resp: 282480
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.4 75.6



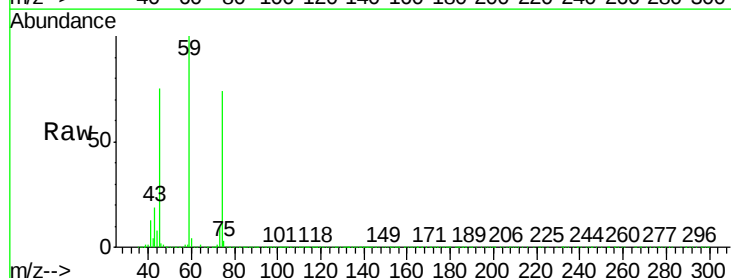
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



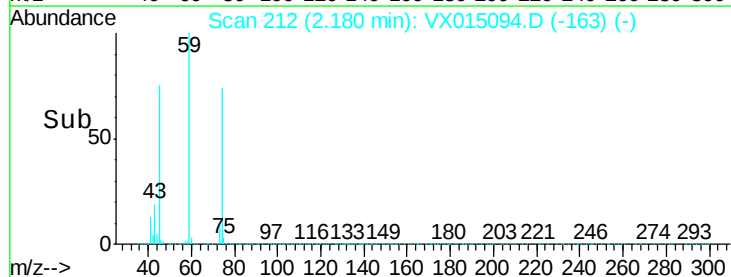
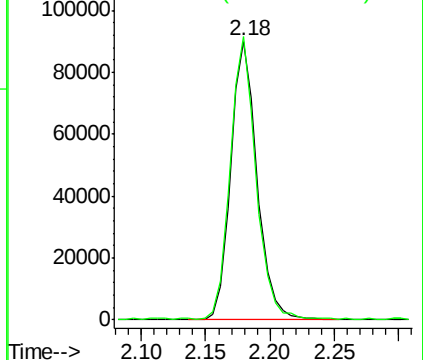
#8

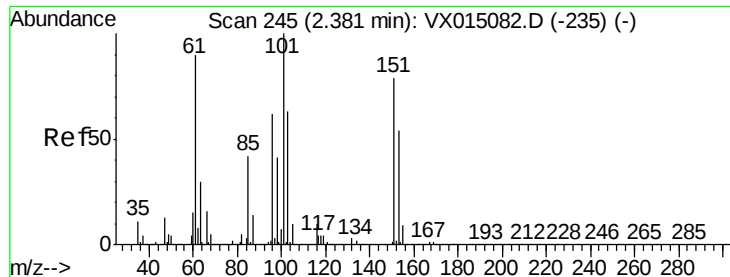
Diethyl Ether
 Concen: 48.836 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion: 74 Resp: 127696
 Ion Ratio Lower Upper
 74 100
 45 100.2 49.2 147.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.723 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

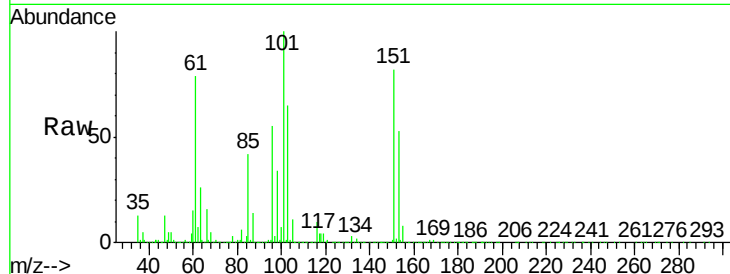
Tgt Ion:101 Resp: 176968

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

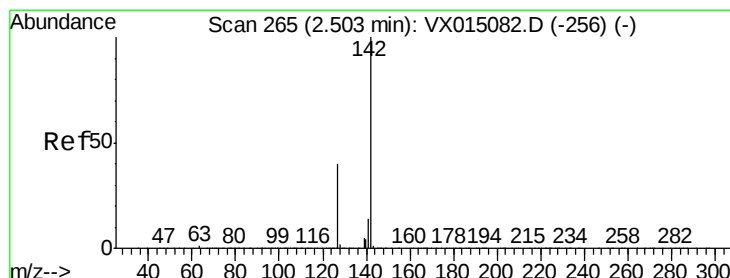
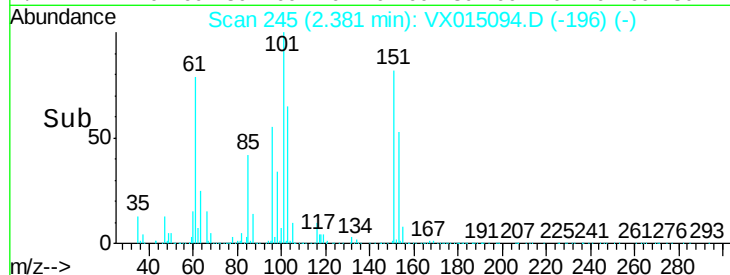
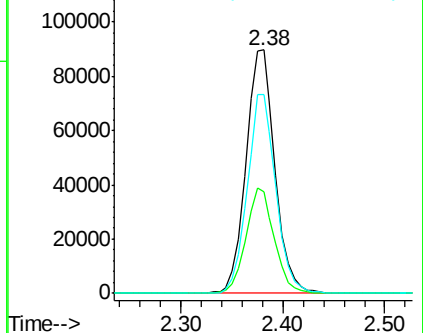
151 80.9 64.0 96.0



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: 48.220 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

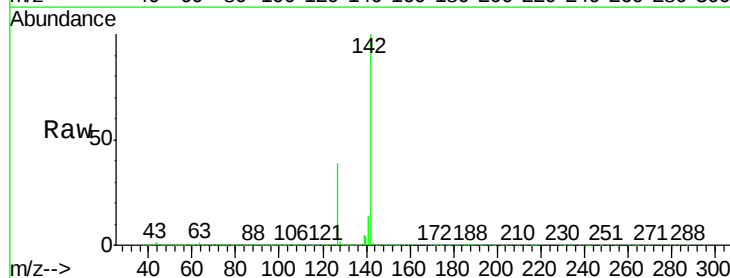
Tgt Ion:142 Resp: 197873

Ion Ratio Lower Upper

142 100

127 39.6 31.7 47.5

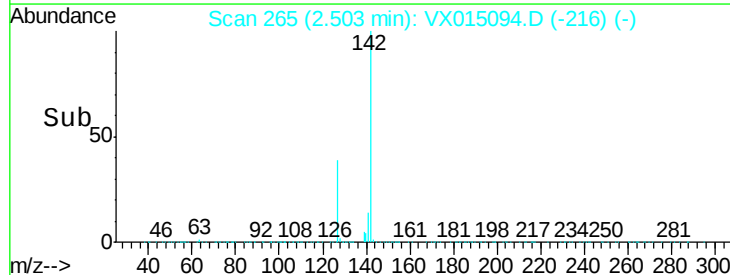
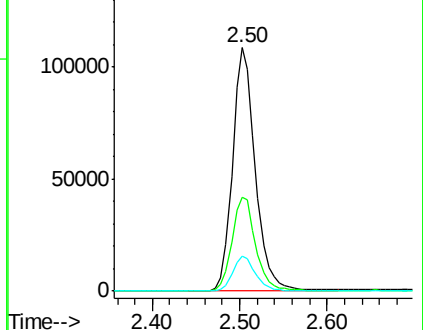
141 14.5 11.3 16.9

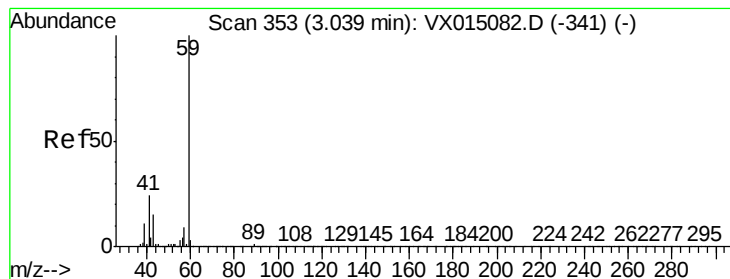


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



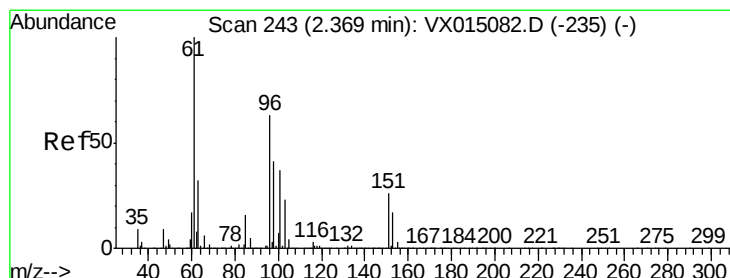
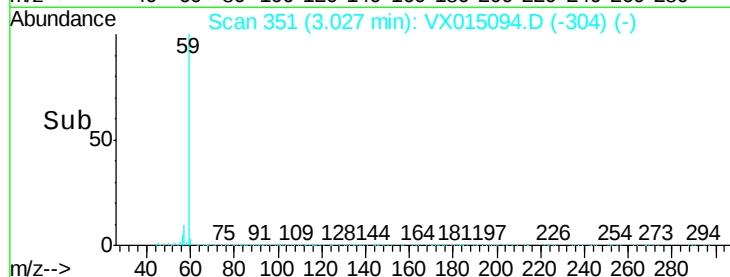
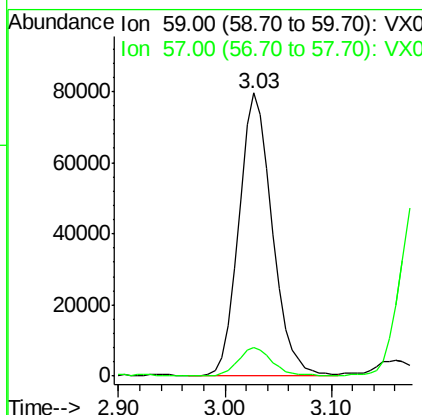
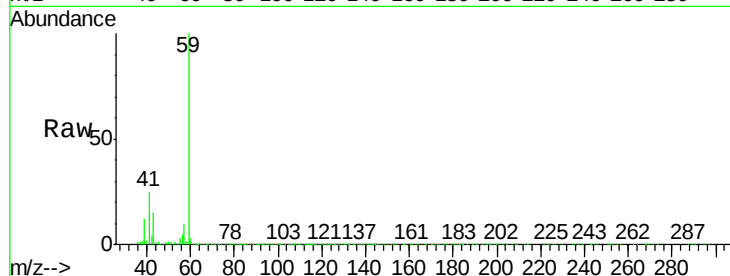


#11

Tert butyl alcohol
 Concen: 219.723 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

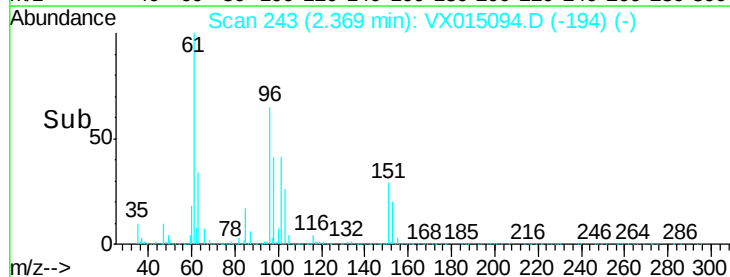
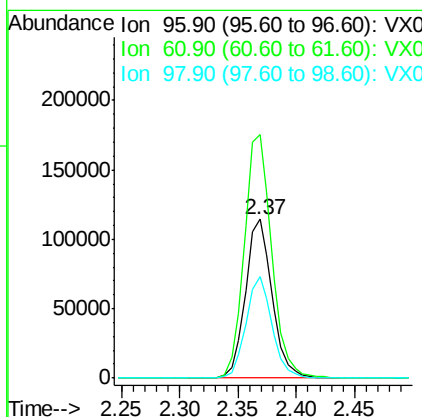
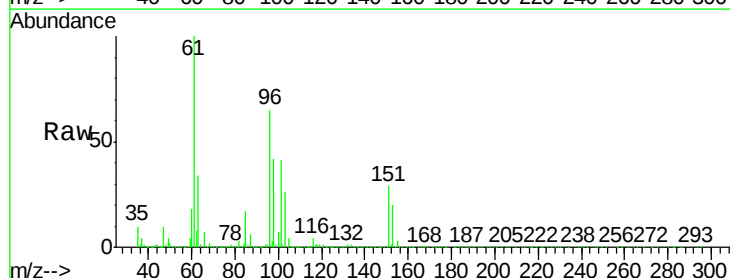
Tgt Ion: 59 Resp: 174457
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

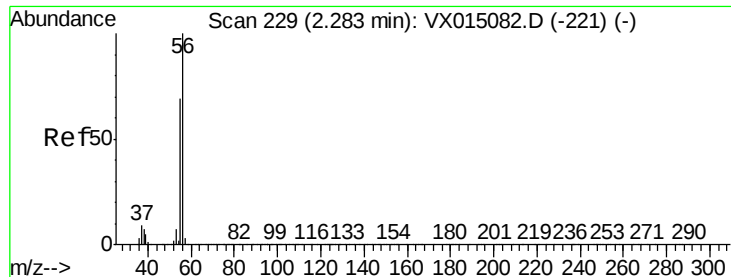


#12

1,1-Dichloroethene
 Concen: 48.696 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion: 96 Resp: 182540
 Ion Ratio Lower Upper
 96 100
 61 153.4 126.2 189.4
 98 63.7 51.4 77.0





#13

Acrolein

Concen: 223.628 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

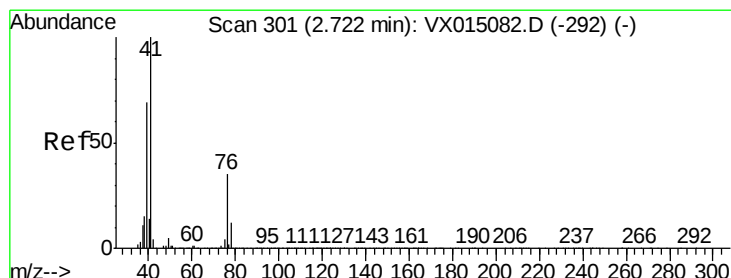
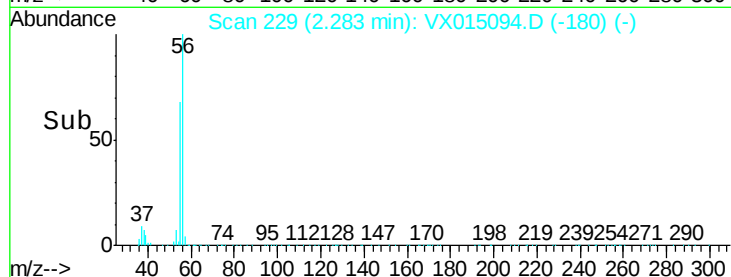
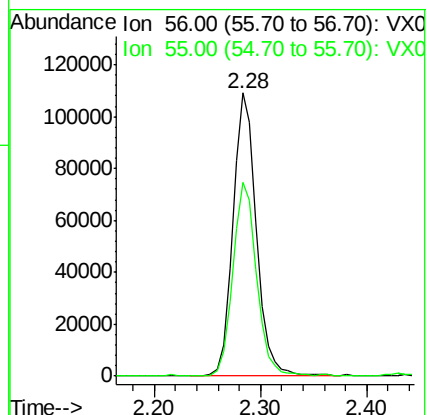
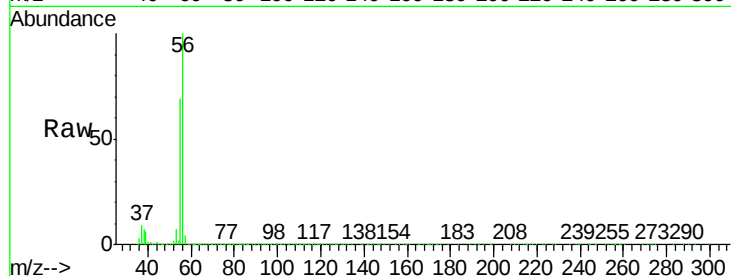
VSTDCCC050EC

Tgt Ion: 56 Resp: 166862

Ion Ratio Lower Upper

56 100

55 69.5 55.4 83.0



#14

Allyl chloride

Concen: 48.513 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

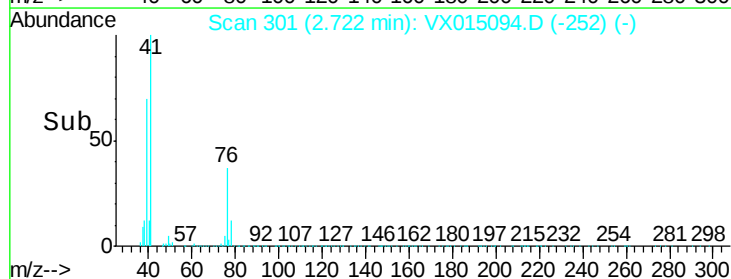
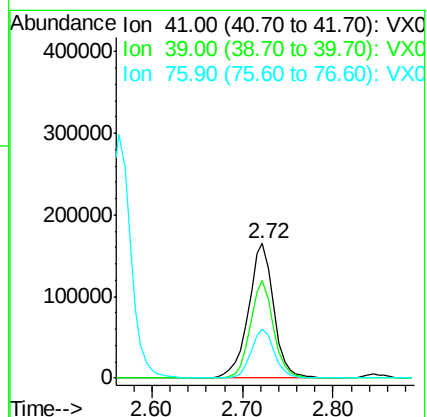
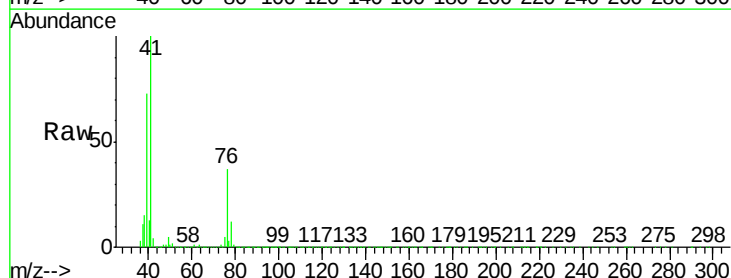
Tgt Ion: 41 Resp: 317084

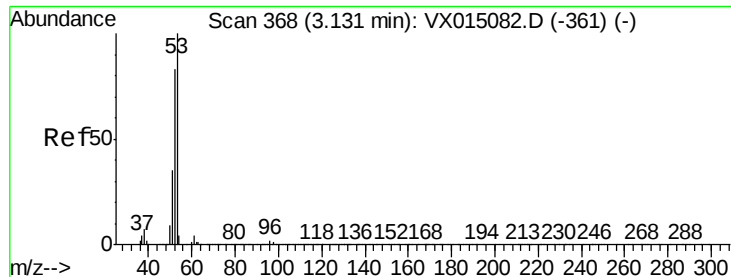
Ion Ratio Lower Upper

41 100

39 66.5 52.9 79.3

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 250.066 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

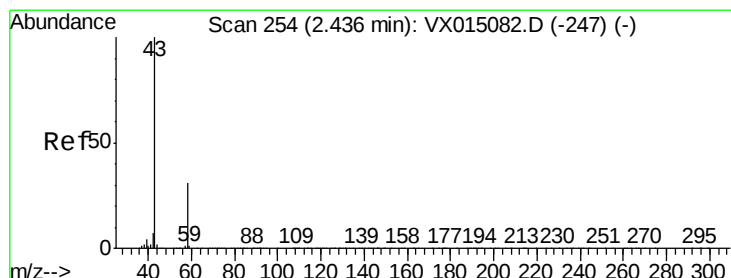
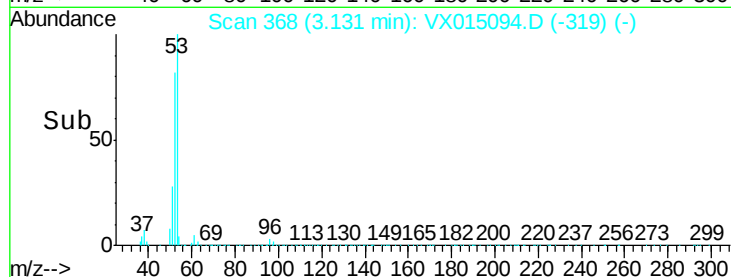
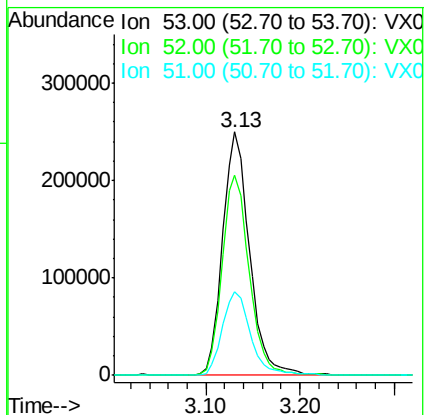
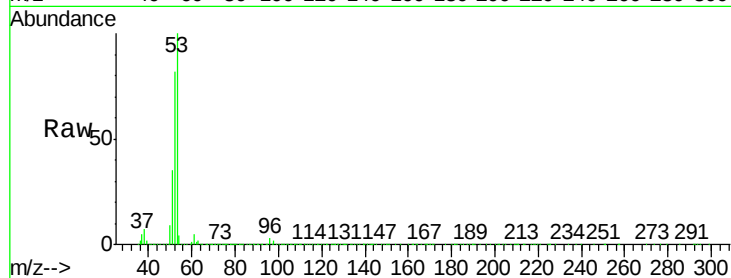
Tgt Ion: 53 Resp: 494467

Ion Ratio Lower Upper

53 100

52 83.1 66.6 100.0

51 36.0 29.0 43.6



#16

Acetone

Concen: 216.258 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015094.D

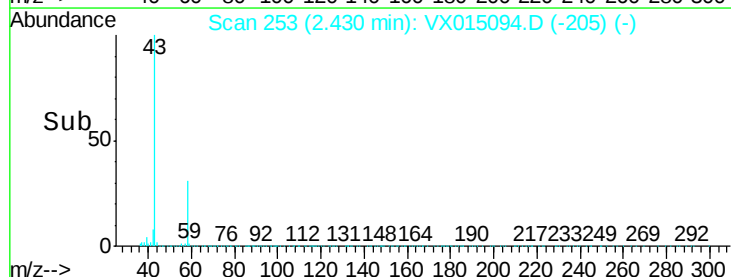
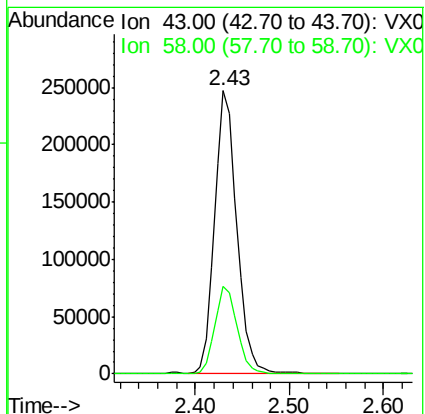
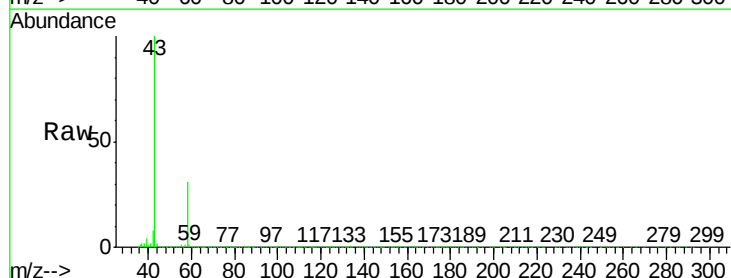
Acq: 04 Mar 2020 17:50

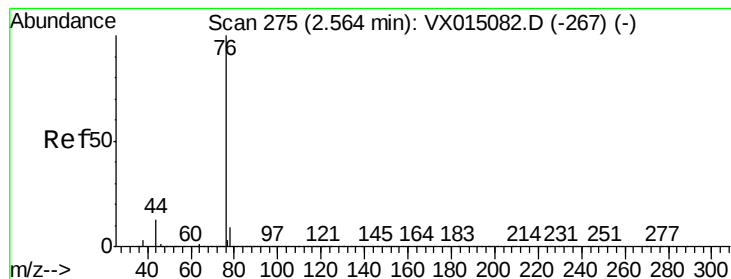
Tgt Ion: 43 Resp: 400796

Ion Ratio Lower Upper

43 100

58 30.8 24.8 37.2





#17

Carbon Disulfide

Concen: 47.259 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

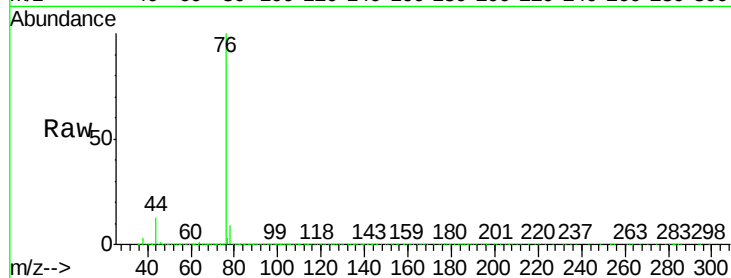
VSTDCCC050EC

Tgt Ion: 76 Resp: 491974

Ion Ratio Lower Upper

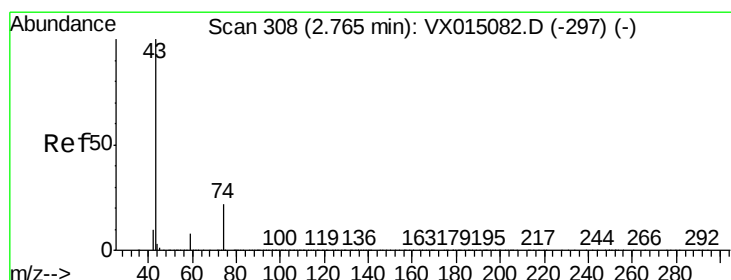
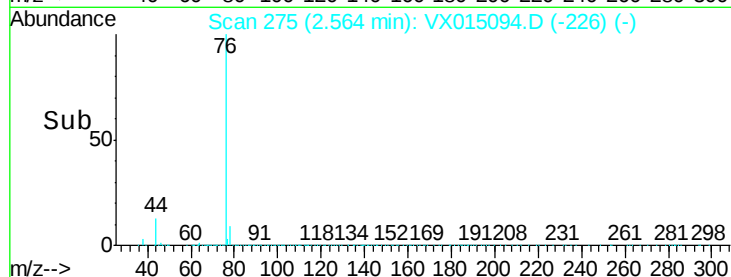
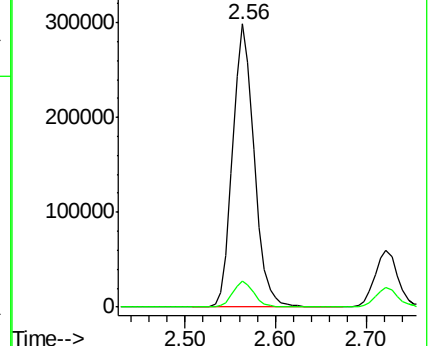
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.542 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015094.D

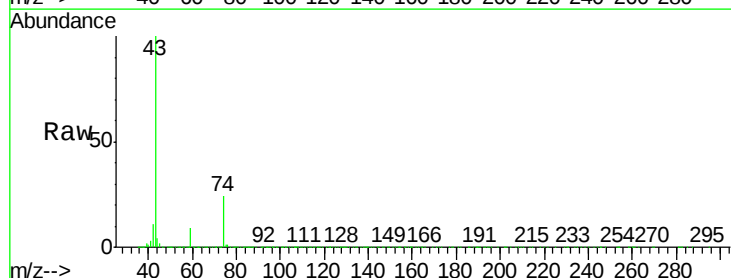
Acq: 04 Mar 2020 17:50

Tgt Ion: 43 Resp: 210916

Ion Ratio Lower Upper

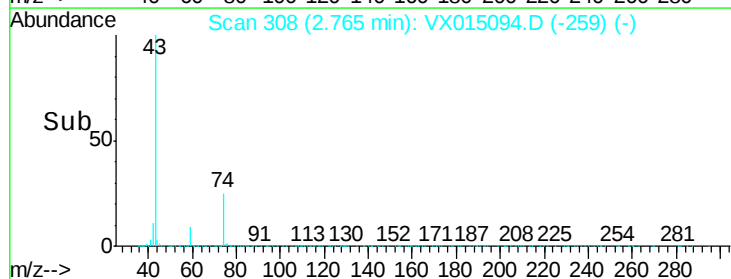
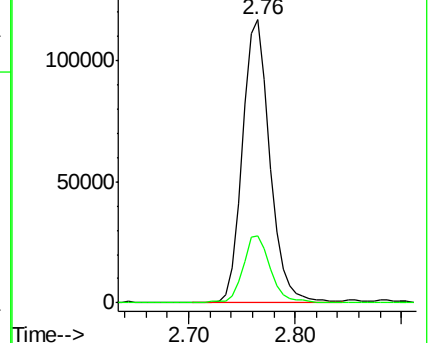
43 100

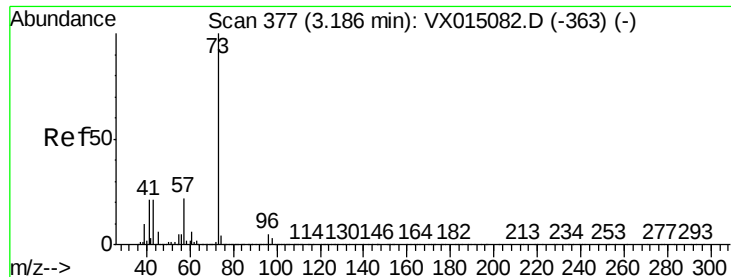
74 23.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 50.529 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

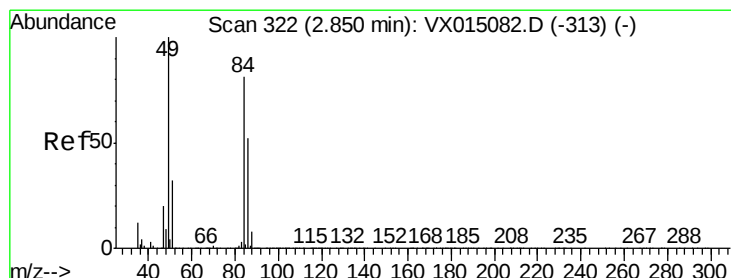
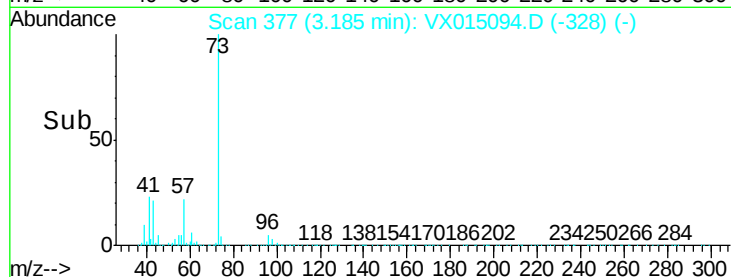
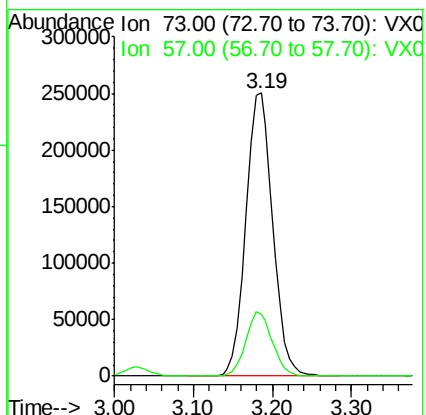
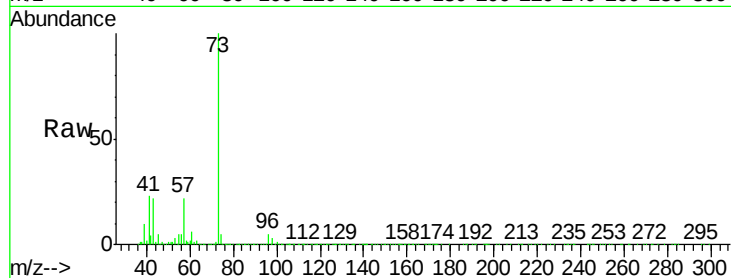
VSTDCCC050EC

Tgt Ion: 73 Resp: 591884

Ion Ratio Lower Upper

73 100

57 22.0 17.8 26.6



#20

Methylene Chloride

Concen: 46.794 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion: 84 Resp: 202958

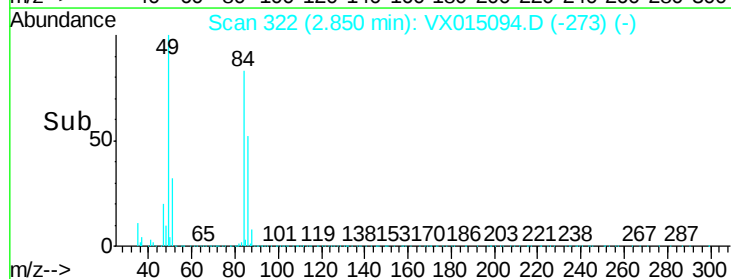
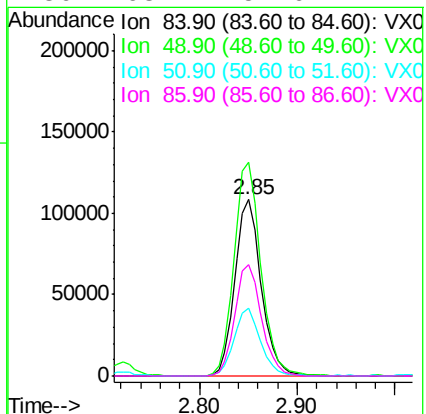
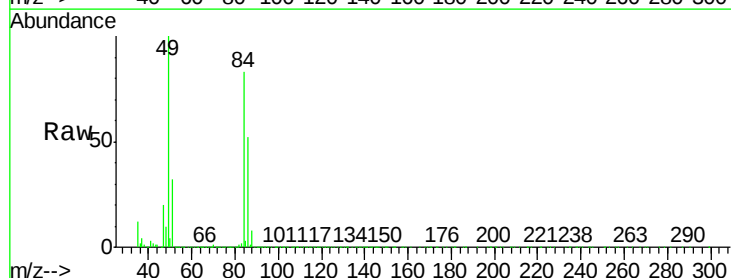
Ion Ratio Lower Upper

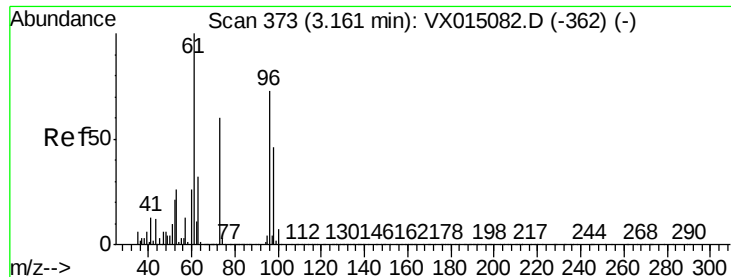
84 100

49 121.1 99.4 149.2

51 38.2 31.5 47.3

86 63.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.304 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

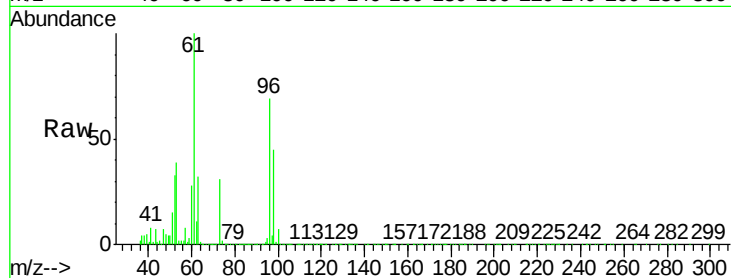
Tgt Ion: 96 Resp: 193339

Ion Ratio Lower Upper

96 100

61 144.3 109.9 164.9

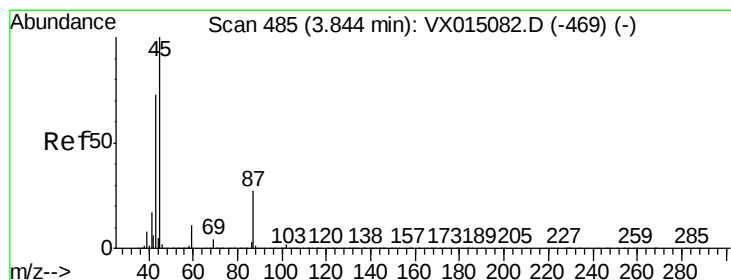
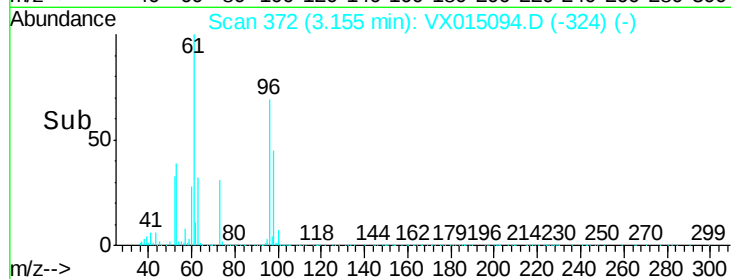
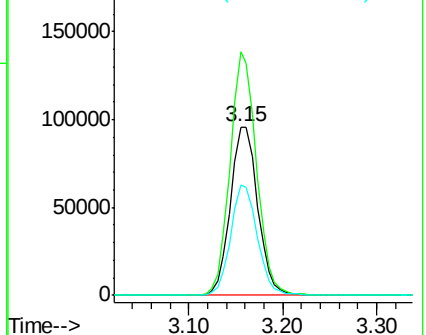
98 65.5 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.593 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion: 45 Resp: 658825

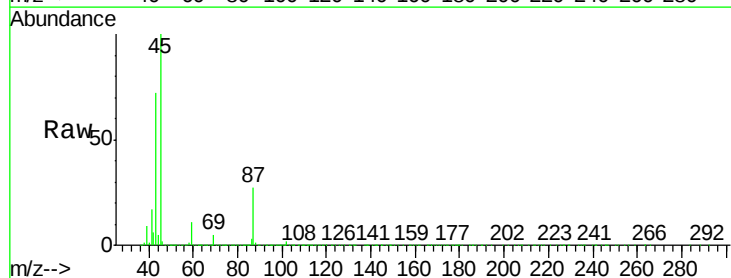
Ion Ratio Lower Upper

45 100

43 72.3 58.2 87.2

87 26.7 21.2 31.8

59 11.4 8.9 13.3

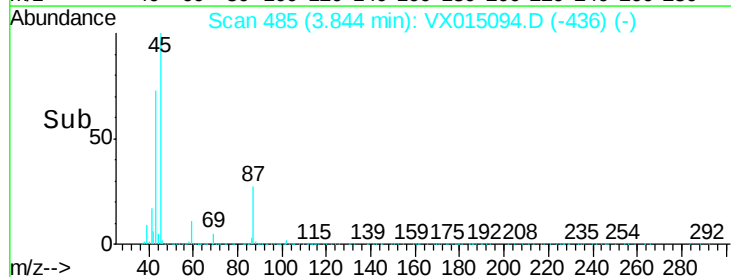
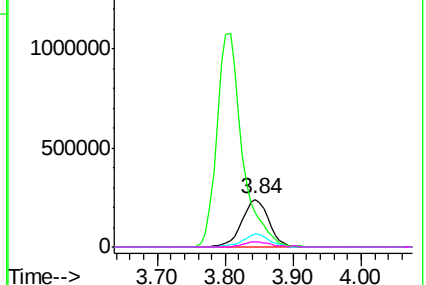


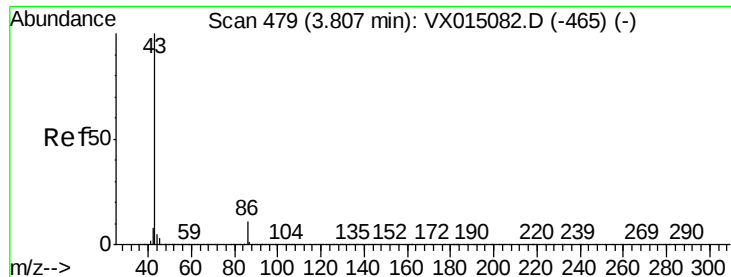
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 261.285 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

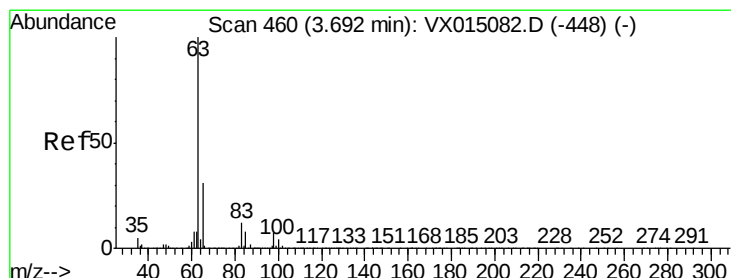
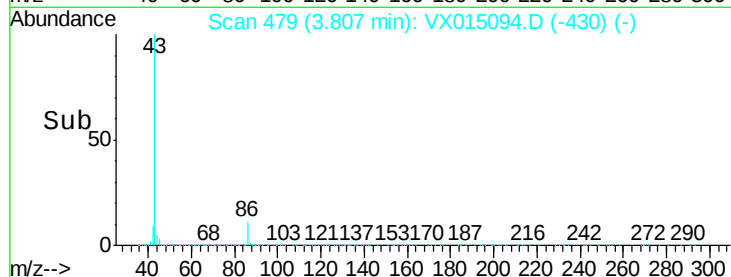
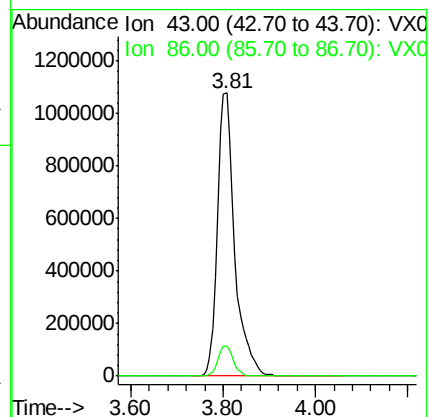
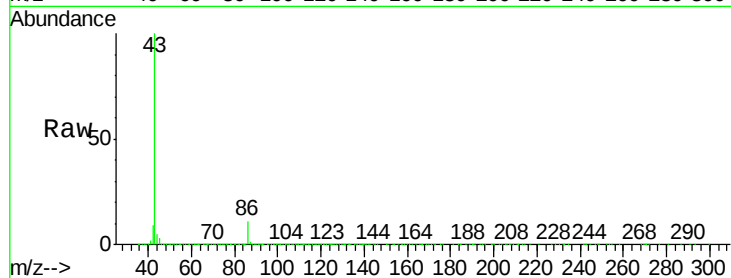
VSTDCCC050EC

Tgt Ion: 43 Resp: 2796880

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 48.089 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

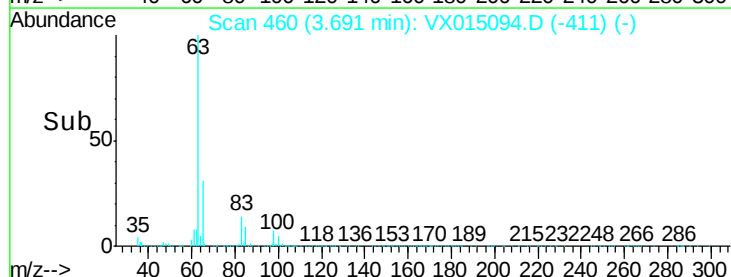
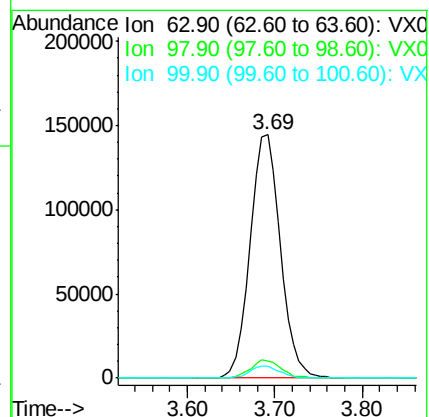
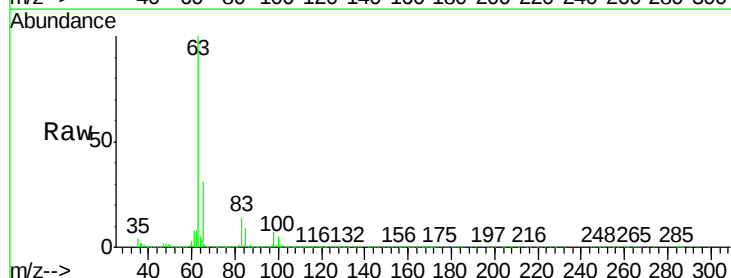
Tgt Ion: 63 Resp: 347553

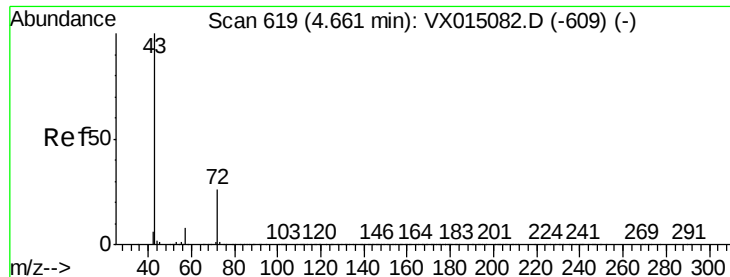
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 5.1 2.1 6.5





#25

2-Butanone

Concen: 242.412 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

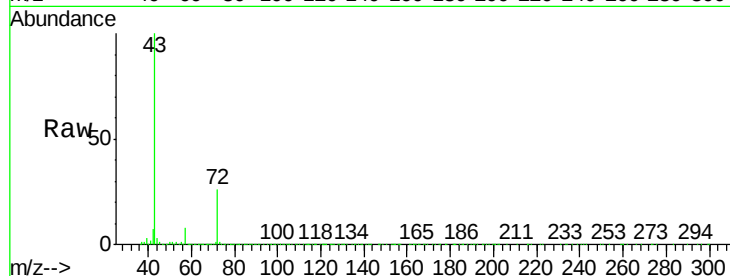
VSTDCCC050EC

Tgt Ion: 43 Resp: 657727

Ion Ratio Lower Upper

43 100

72 25.5 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

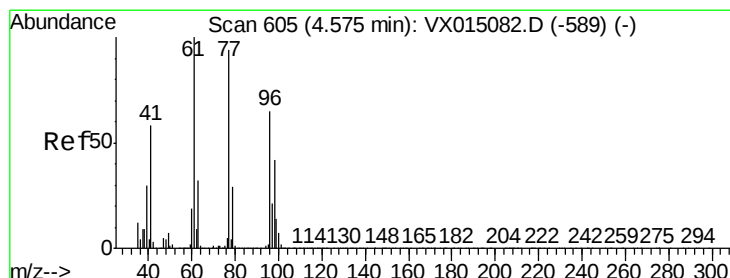
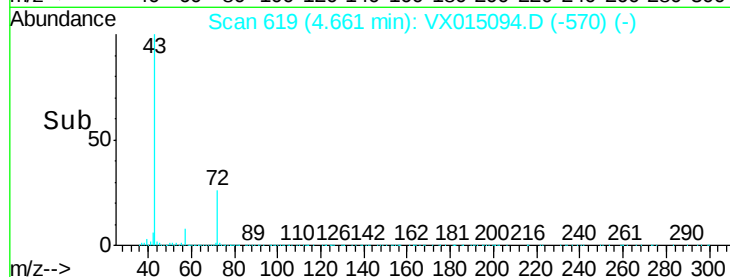
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.413 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015094.D

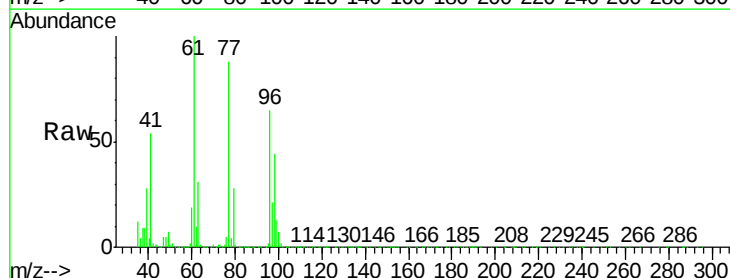
Acq: 04 Mar 2020 17:50

Tgt Ion: 77 Resp: 266291

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

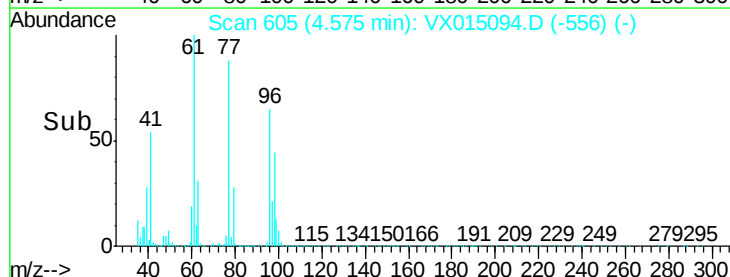
40000

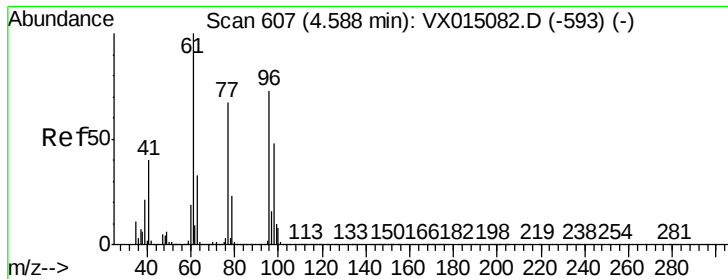
20000

0

4.40 4.50 4.60 4.70

Time-->



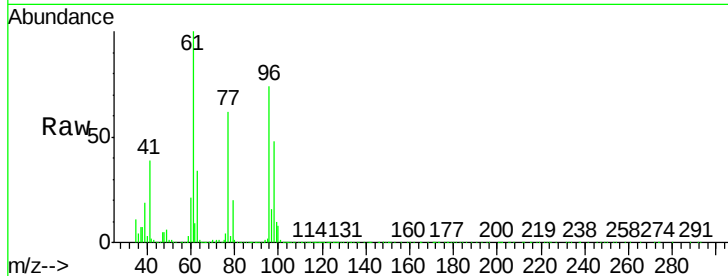


#27

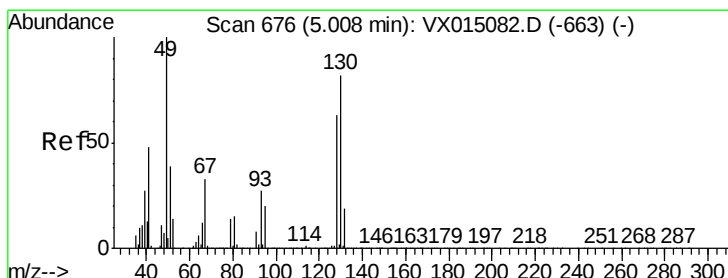
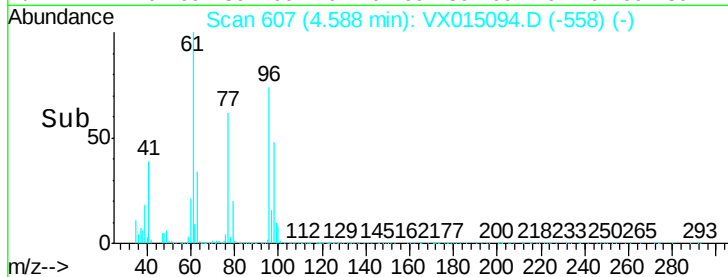
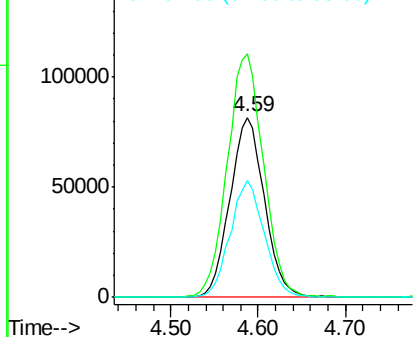
cis-1,2-Dichloroethene
Concen: 49.543 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 222464
Ion Ratio Lower Upper
96 100
61 142.9 0.0 286.8
98 64.6 0.0 128.4



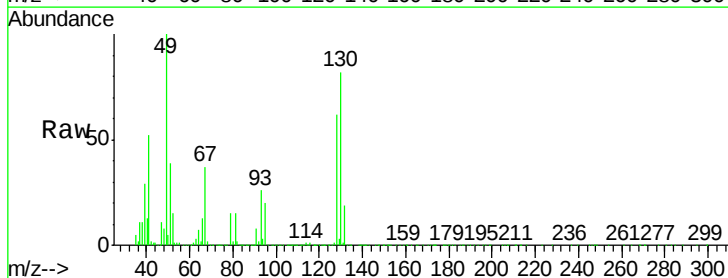
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



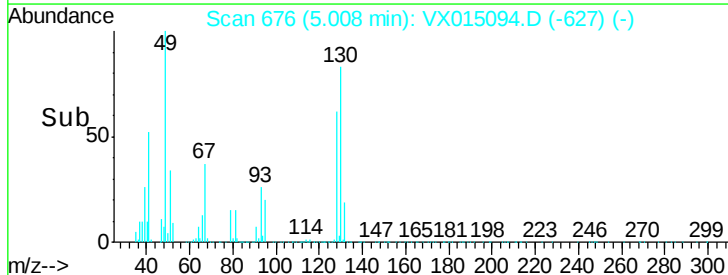
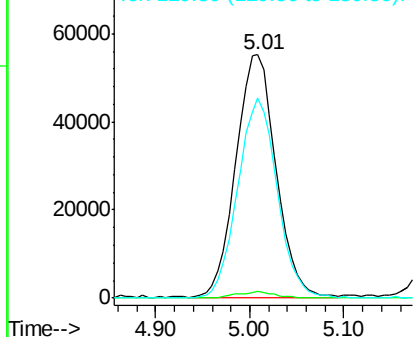
#28

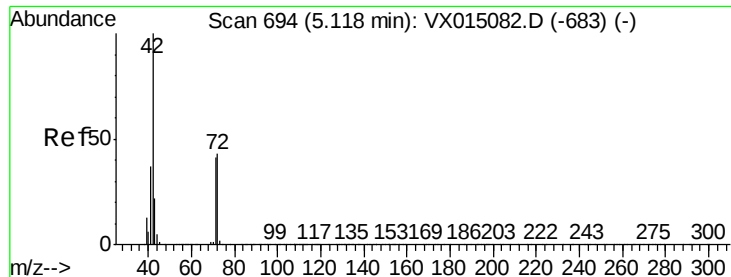
Bromochloromethane
Concen: 49.734 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion: 49 Resp: 163678
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.4
130 81.3 65.0 97.6



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: 249.043 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

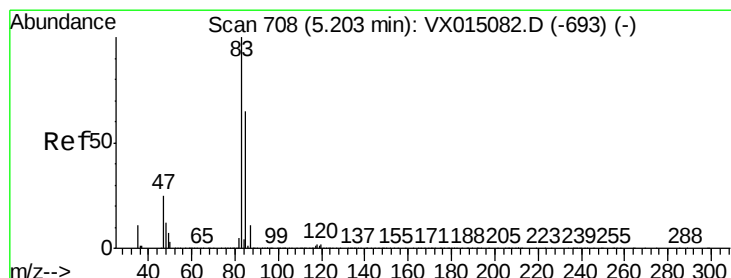
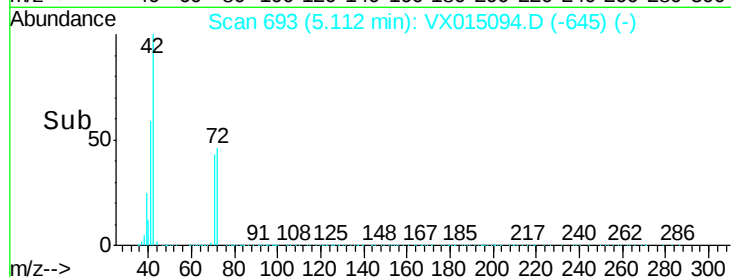
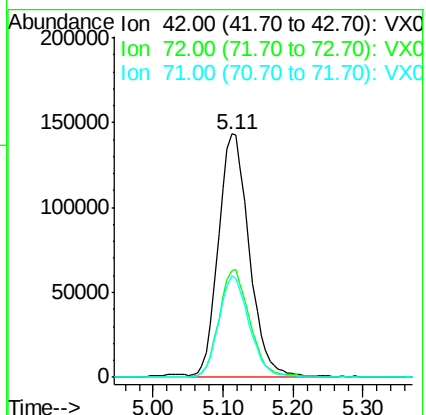
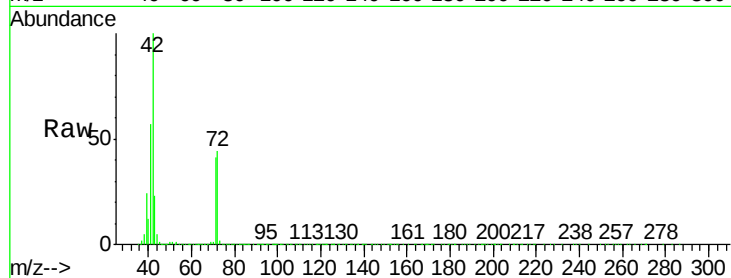
Tgt Ion: 42 Resp: 435576

Ion Ratio Lower Upper

42 100

72 44.6 36.4 54.6

71 41.0 33.3 49.9



#30

Chloroform

Concen: 49.416 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX015094.D

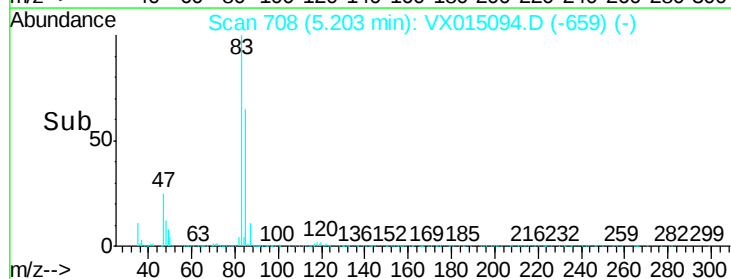
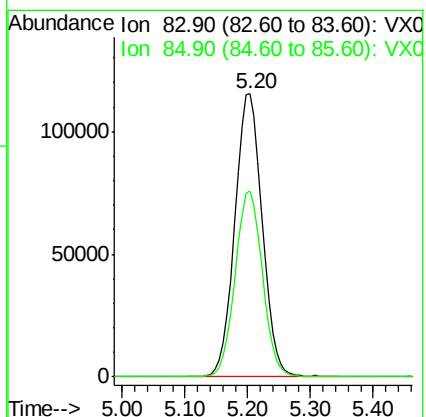
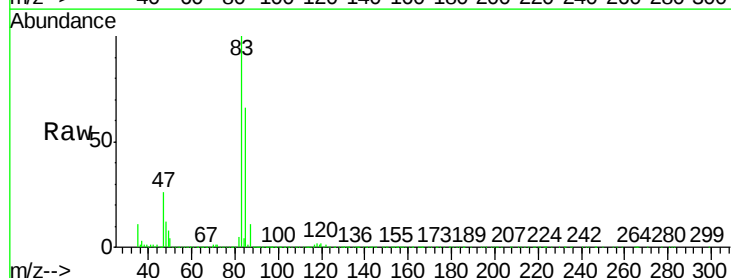
Acq: 04 Mar 2020 17:50

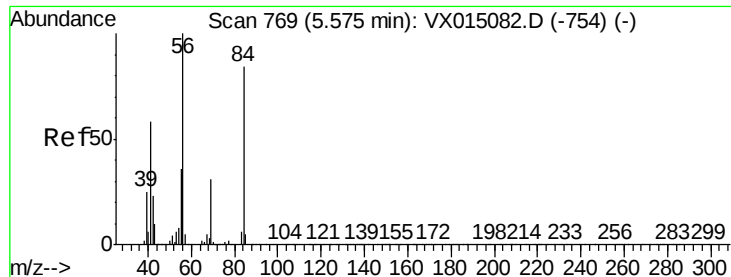
Tgt Ion: 83 Resp: 348096

Ion Ratio Lower Upper

83 100

85 65.9 52.0 78.0





#31

Cyclohexane

Concen: 49.490 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

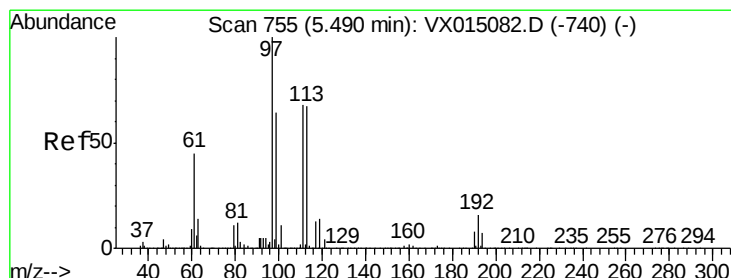
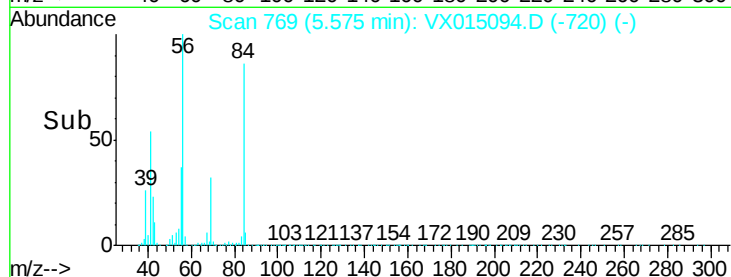
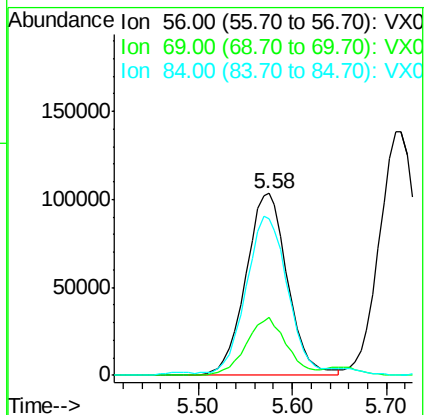
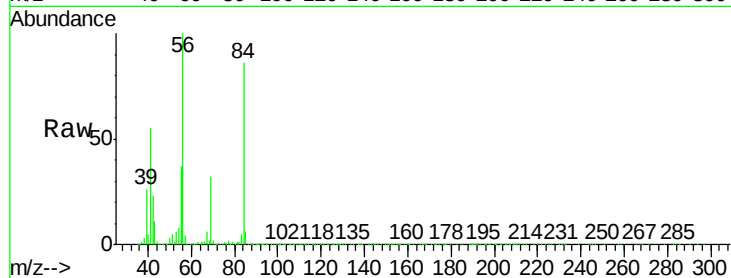
Tgt Ion: 56 Resp: 319041

Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.6

84 84.9 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 50.813 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

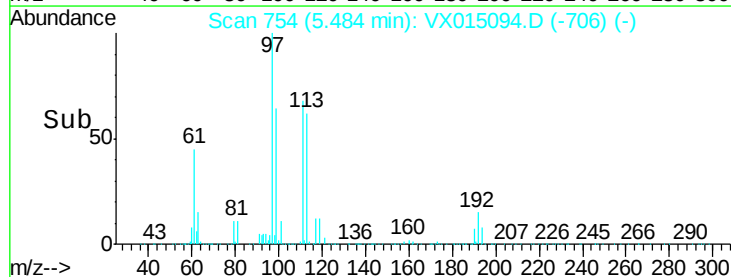
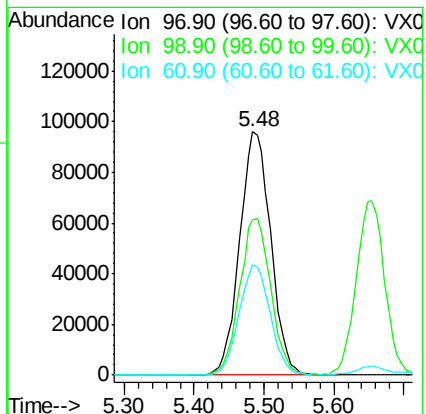
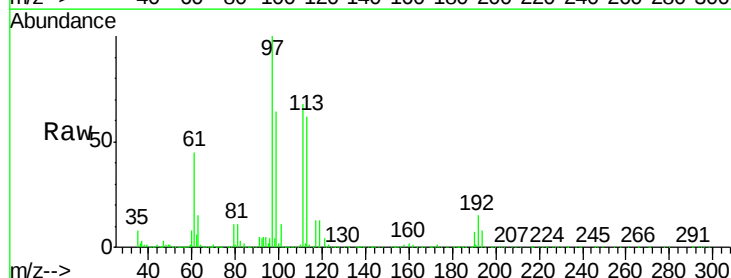
Tgt Ion: 97 Resp: 296712

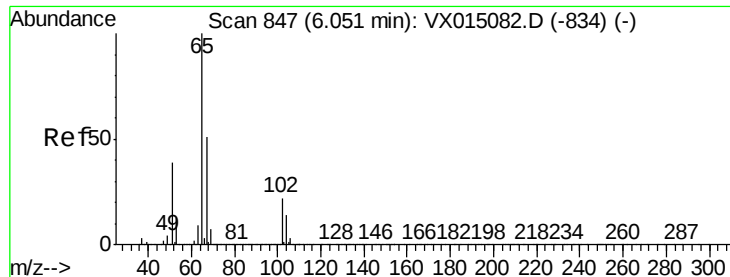
Ion Ratio Lower Upper

97 100

99 64.1 52.8 79.2

61 45.2 36.6 54.8

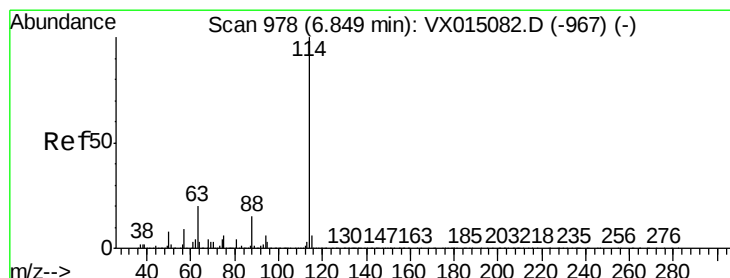
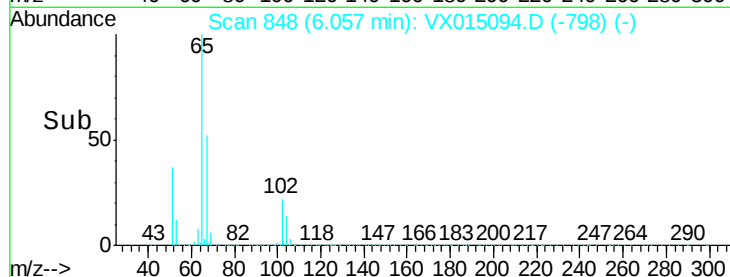
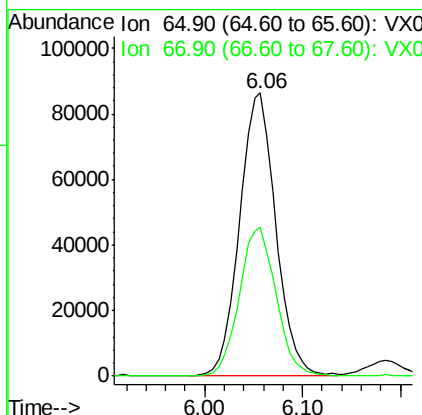
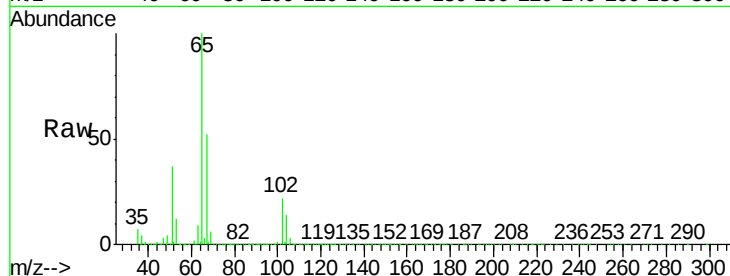




#33
 1,2-Dichloroethane-d4
 Concen: 48.746 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

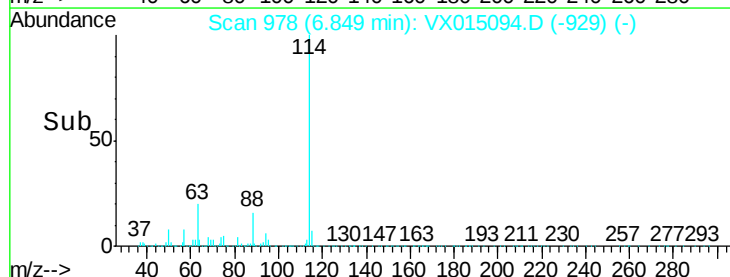
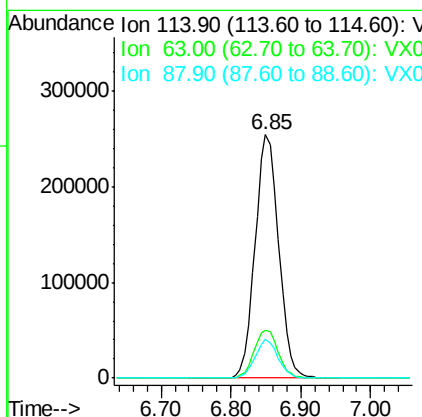
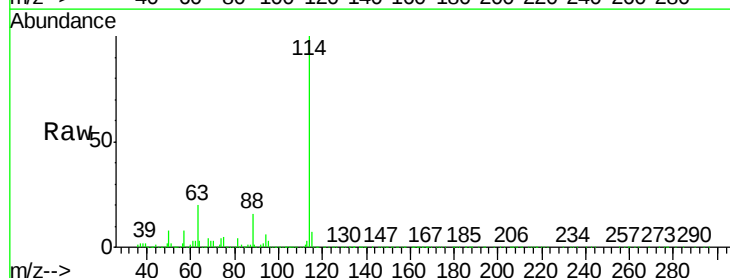
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

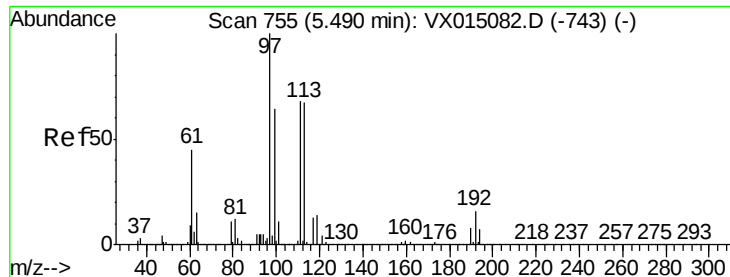
Tgt Ion: 65 Resp: 223079
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion: 114 Resp: 596832
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.9 0.0 30.6

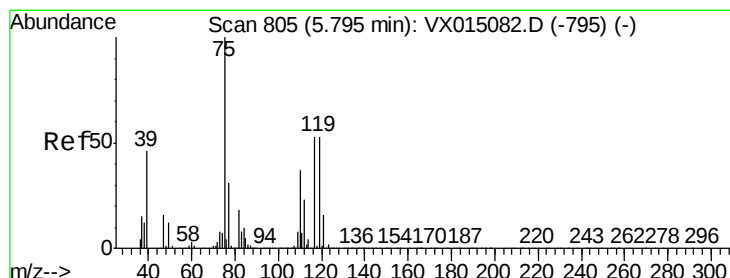
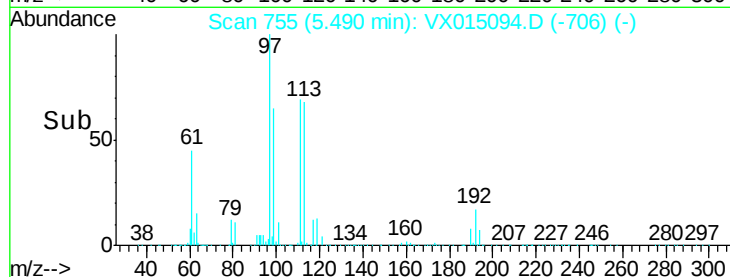
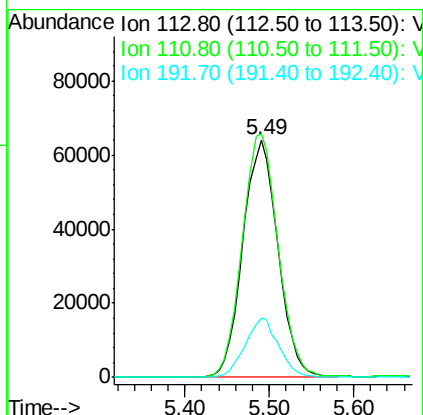
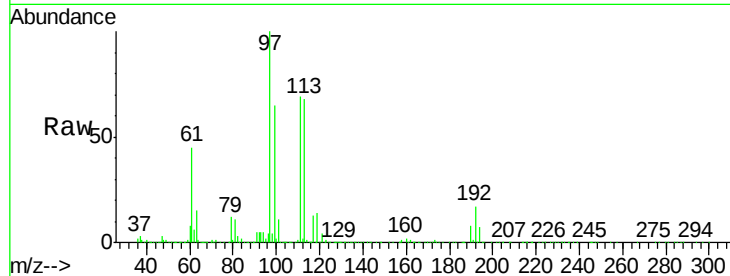




#35
 Dibromofluoromethane
 Concen: 47.852 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

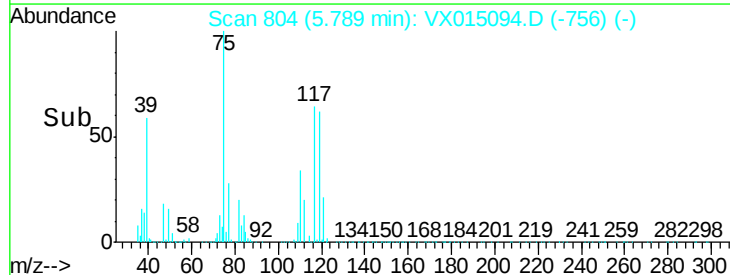
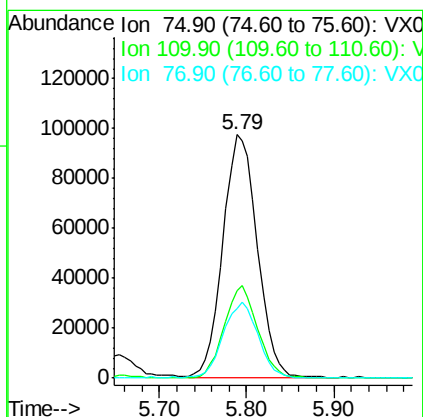
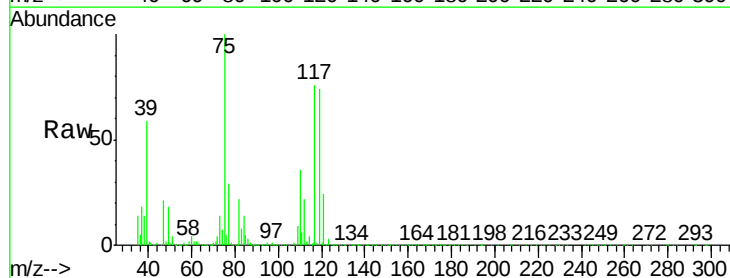
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

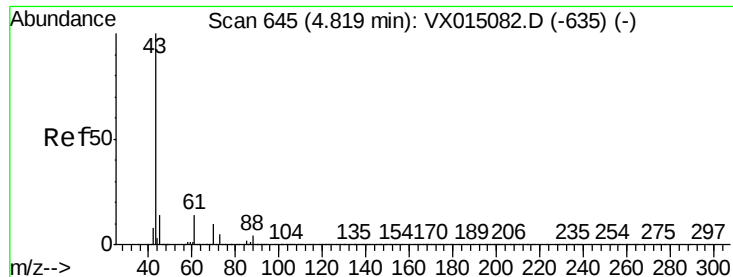
Tgt Ion:113 Resp: 180172
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.6 123.8
 192 24.0 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 48.027 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion: 75 Resp: 264984
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.9 53.8
 77 31.3 24.8 37.2

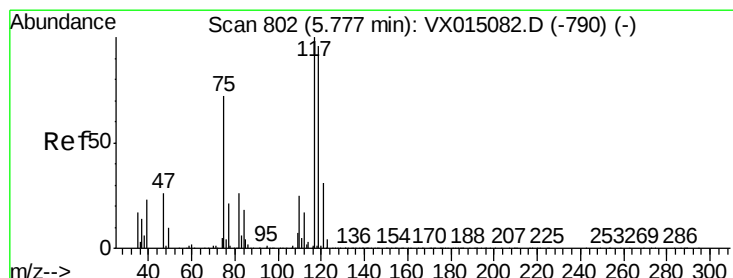
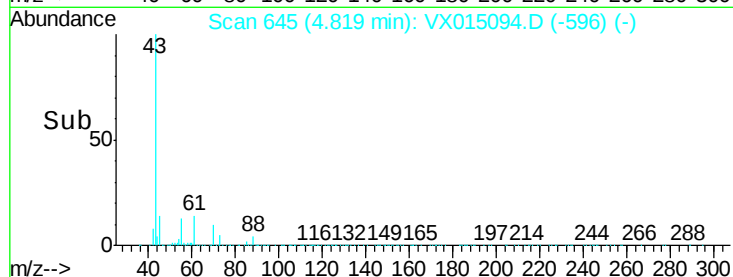
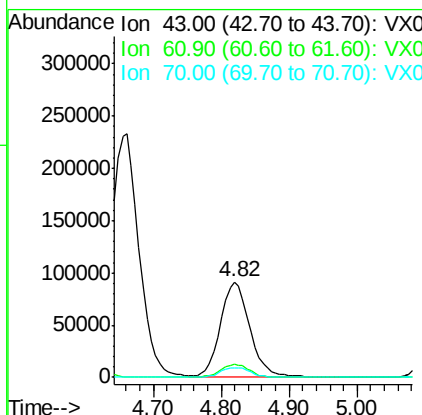
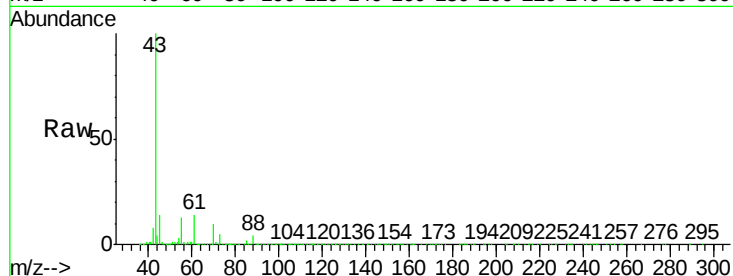




#37
Ethyl Acetate
Concen: 53.211 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

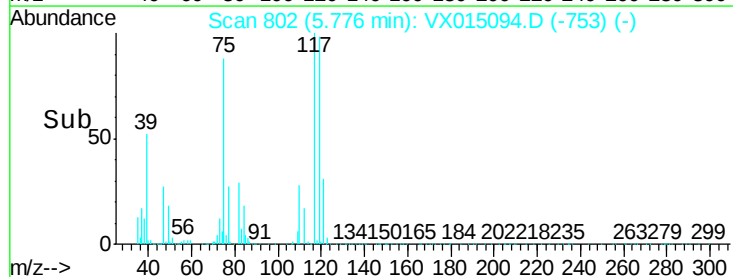
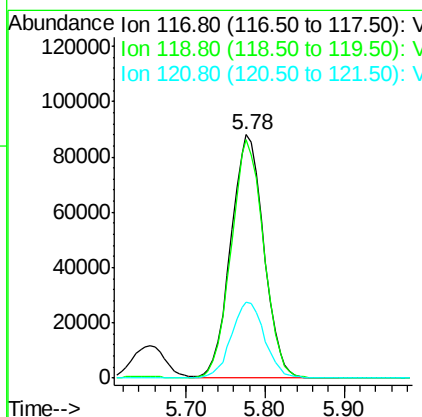
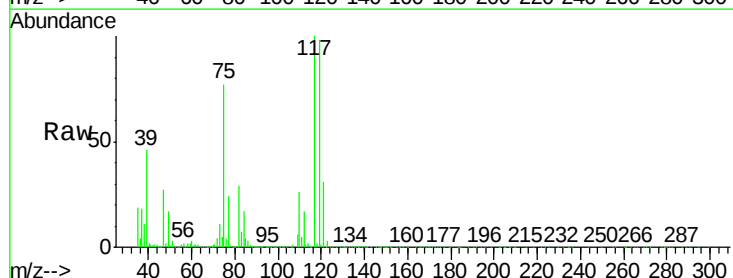
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

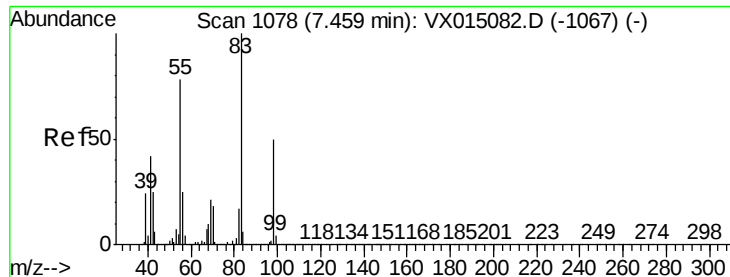
Tgt Ion:	43	Resp:	272337
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.5	8.1	12.1



#38
Carbon Tetrachloride
Concen: 49.055 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion:	117	Resp:	255482
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.9	115.3
121	30.8	24.6	37.0

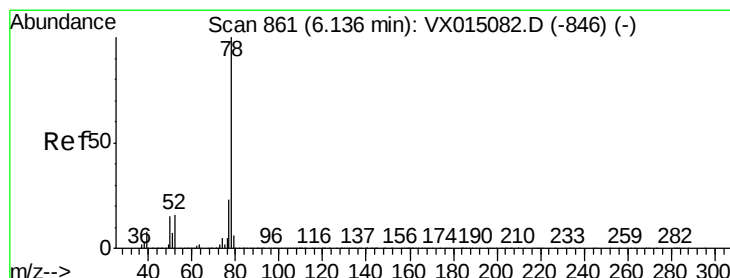
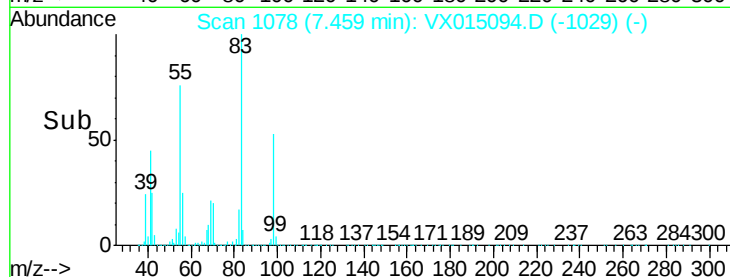
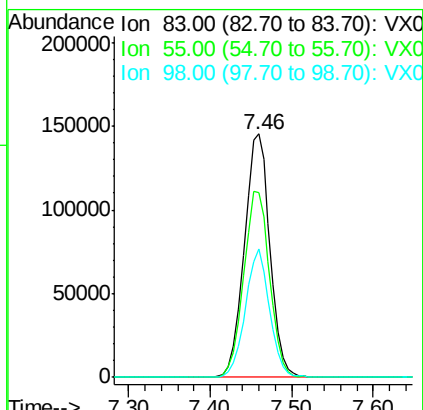
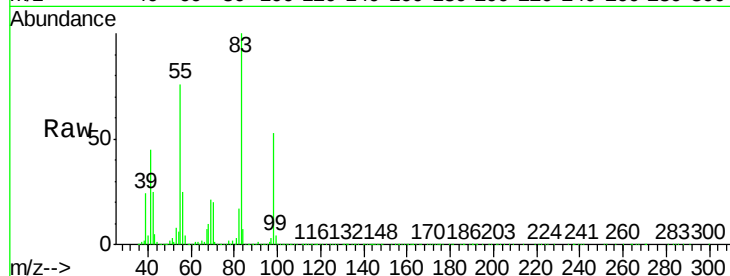




#39
Methylcyclohexane
Concen: 49.084 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

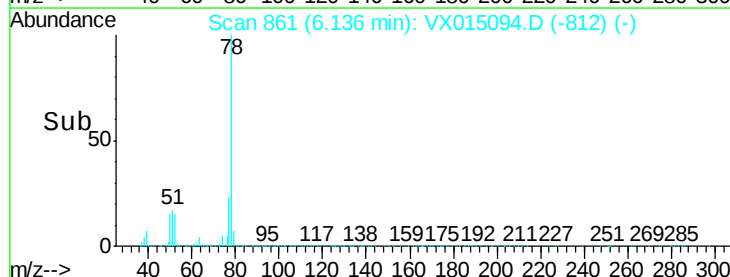
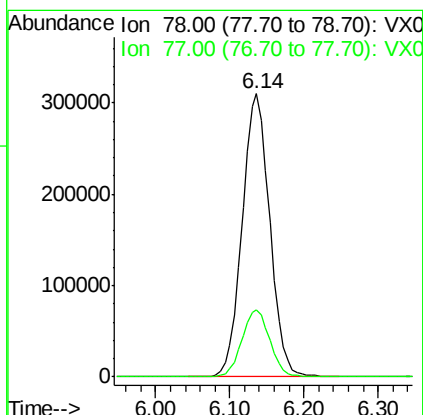
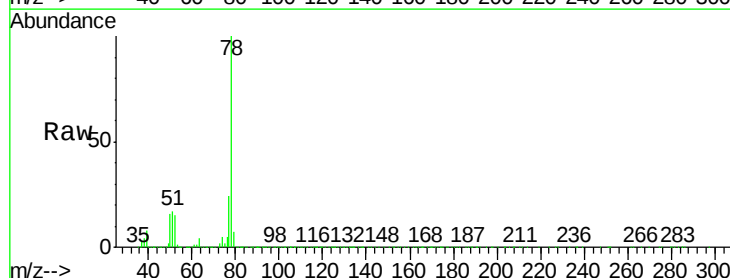
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

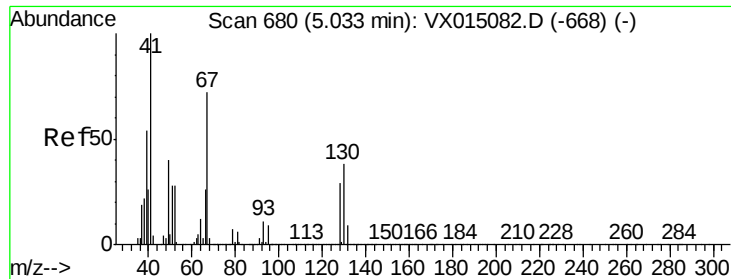
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.9	62.4	93.6
98	52.7	39.7	59.5



#40
Benzene
Concen: 49.164 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0

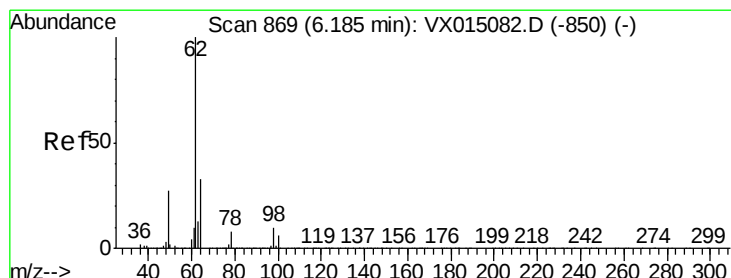
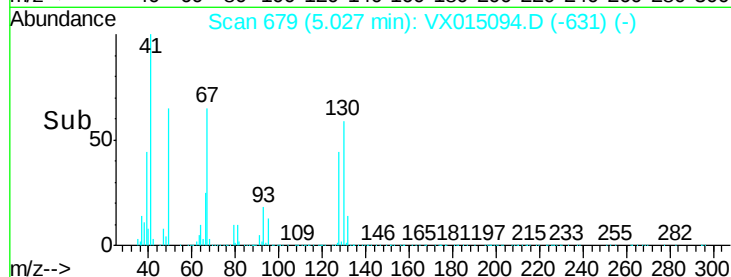
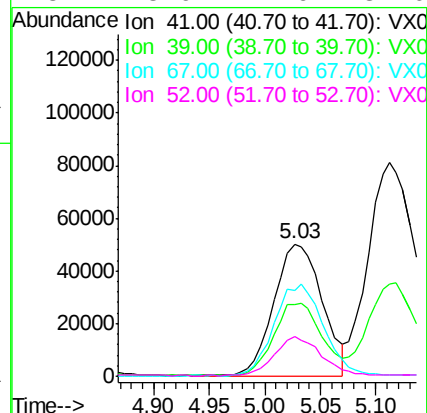
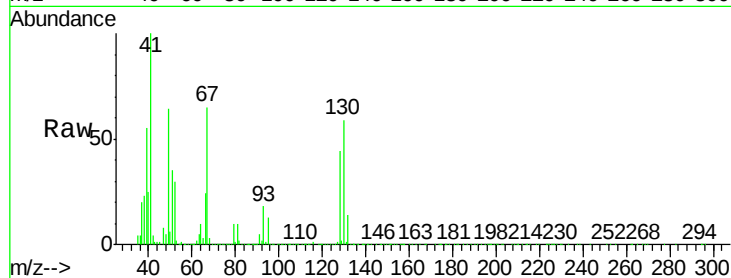




#41
Methacrylonitrile
Concen: 49.144 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

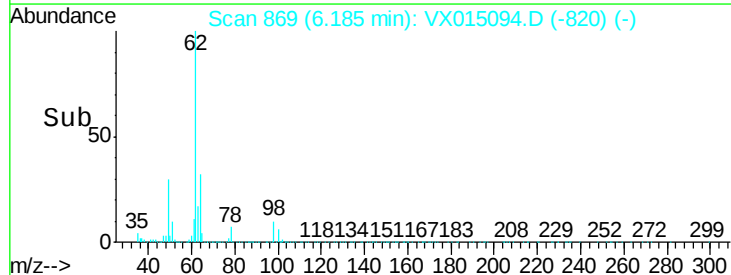
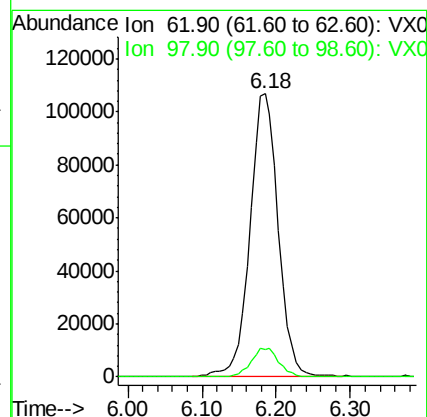
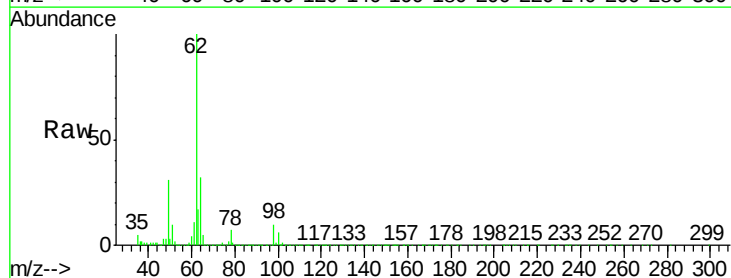
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

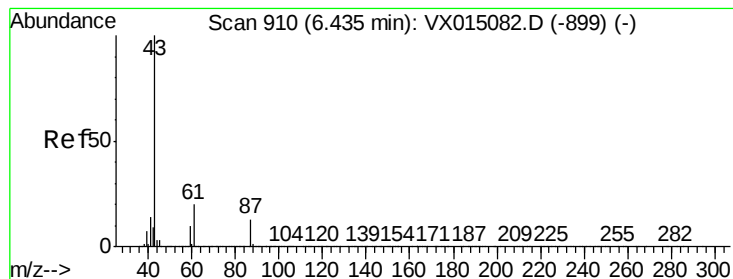
Tgt Ion:	41	Resp:	151076
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.9	65.9
67	71.0	57.8	86.8
52	28.9	22.6	34.0



#42
1,2-Dichloroethane
Concen: 50.255 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion:	62	Resp:	282507
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 49.952 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

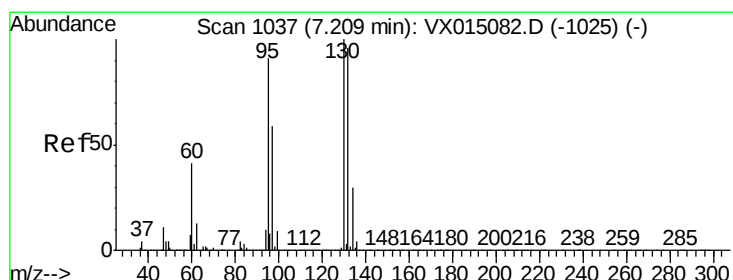
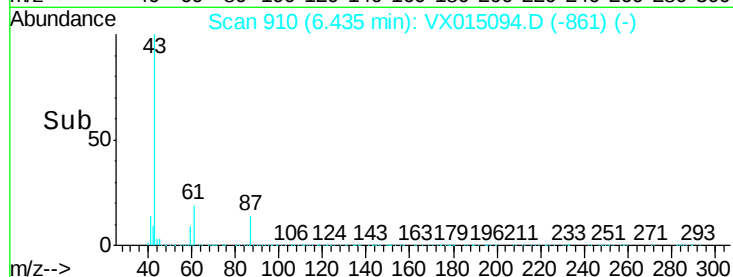
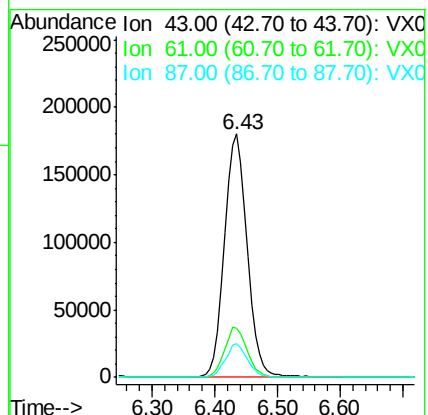
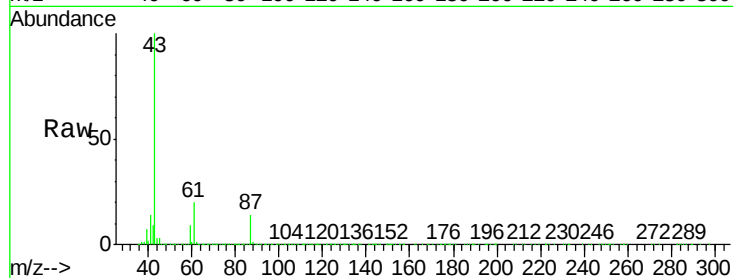
Tgt Ion: 43 Resp: 449750

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

87 13.3 10.6 16.0



#44

Trichloroethene

Concen: 48.008 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015094.D

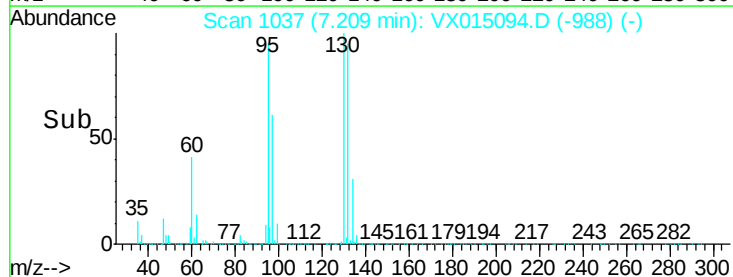
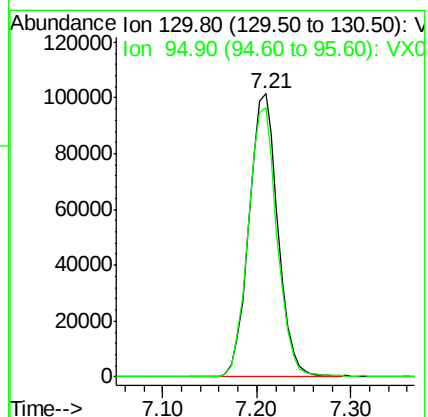
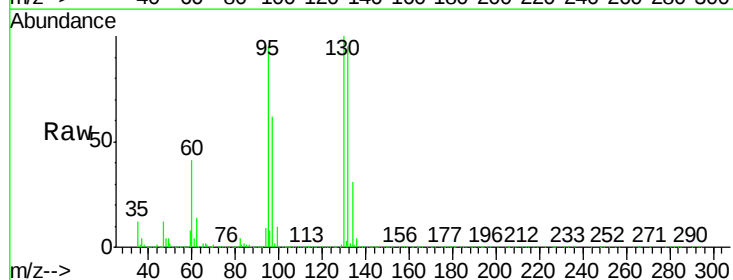
Acq: 04 Mar 2020 17:50

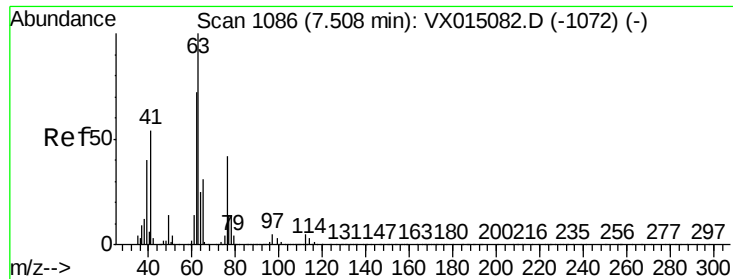
Tgt Ion: 130 Resp: 218860

Ion Ratio Lower Upper

130 100

95 95.0 0.0 181.2

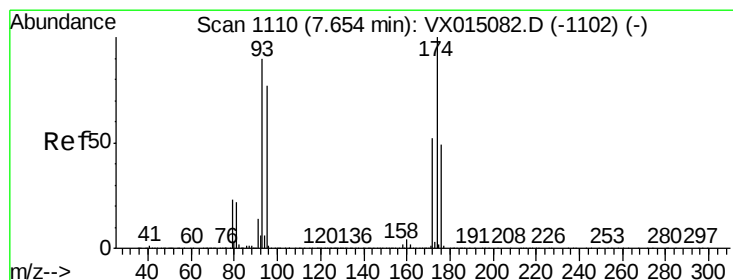
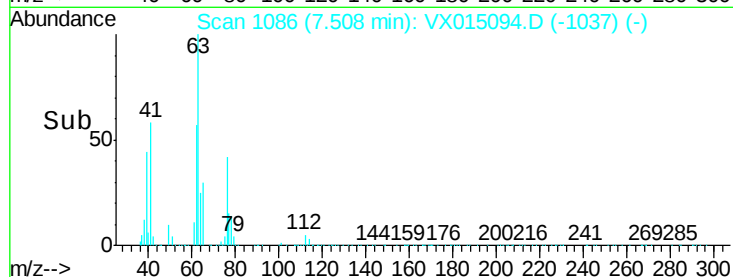
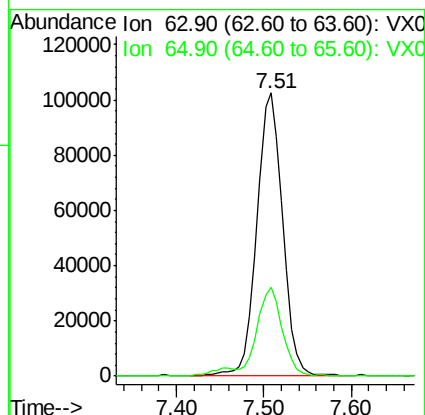
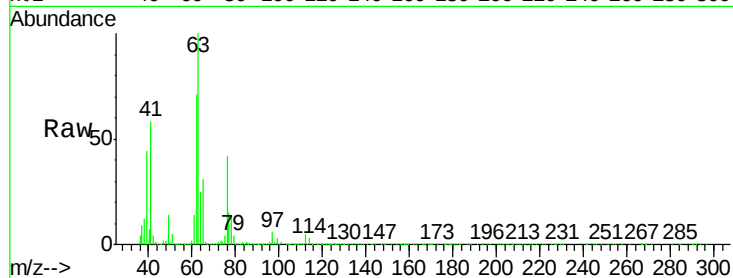




#45
 1,2-Dichloropropane
 Concen: 49.310 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

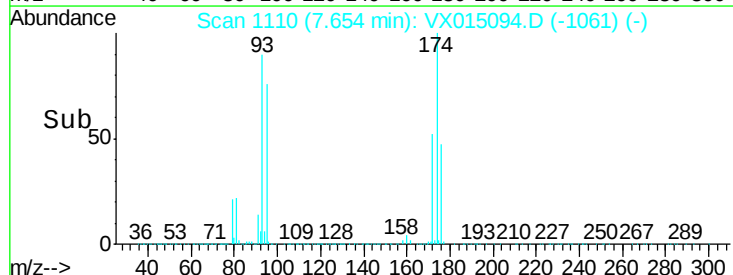
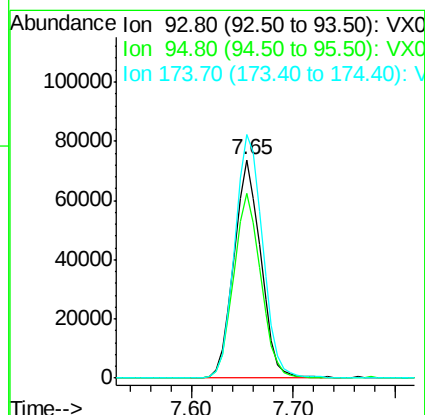
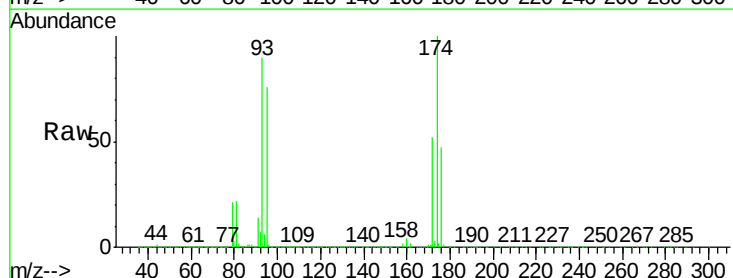
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 208930
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 48.485 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion: 93 Resp: 133859
 Ion Ratio Lower Upper
 93 100
 95 85.4 67.8 101.8
 174 116.0 91.0 136.4





#47

Bromodichloromethane

Concen: 50.383 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

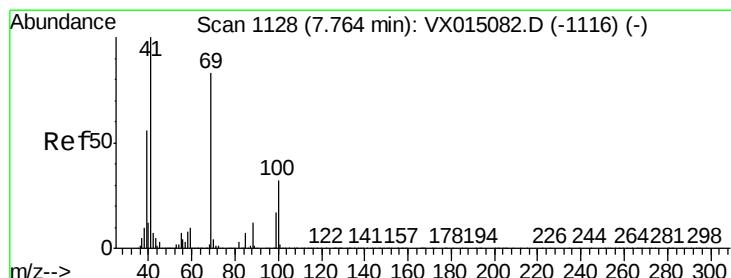
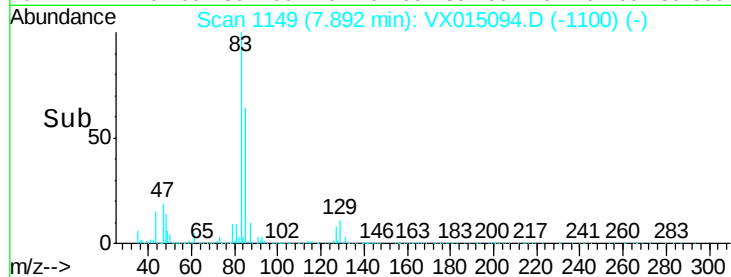
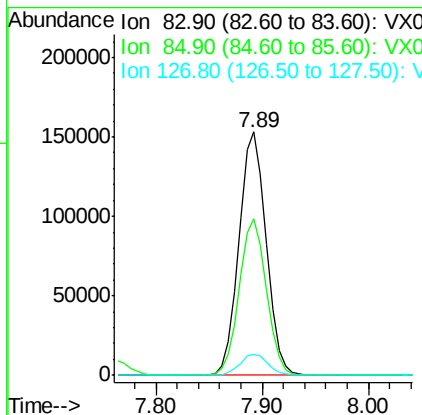
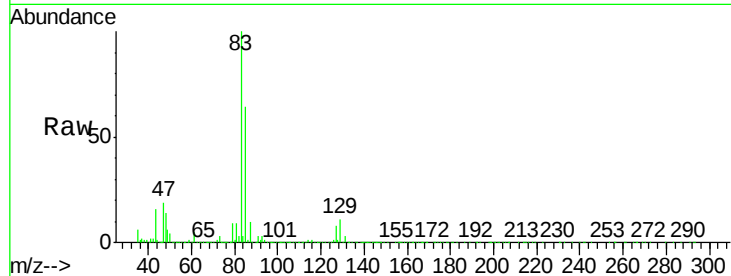
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	275067
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	75.8
127	8.3	7.1	10.7



#48

Methyl methacrylate

Concen: 49.177 ug/l

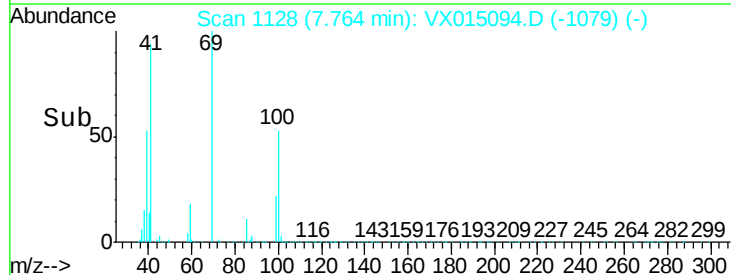
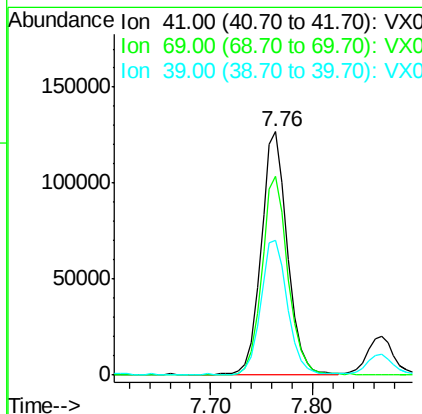
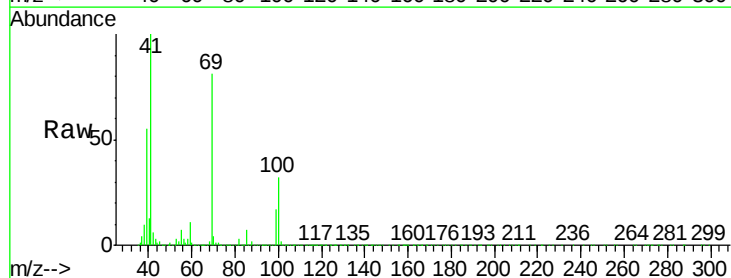
RT: 7.76 min Scan# 1128

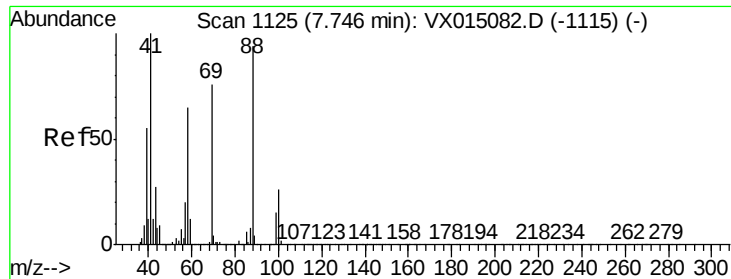
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion:	41	Resp:	225355
Ion	Ratio	Lower	Upper
41	100		
69	81.2	65.4	98.2
39	56.3	44.6	67.0

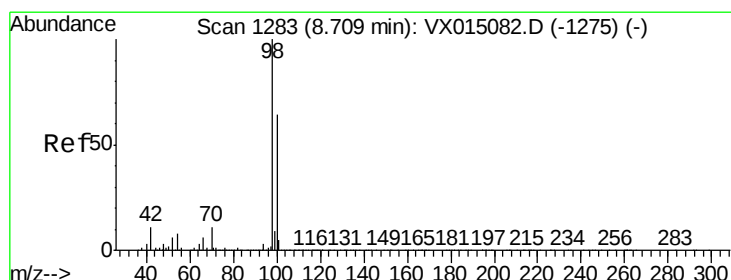
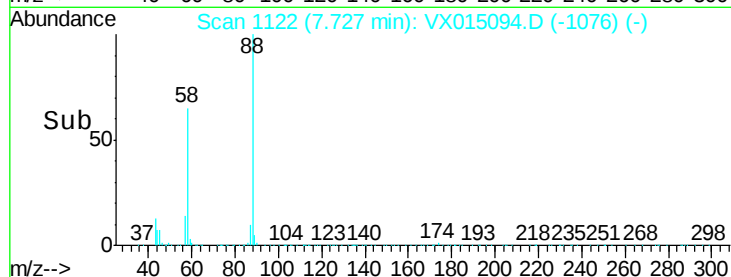
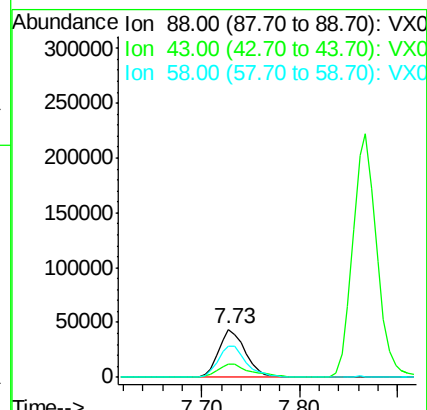
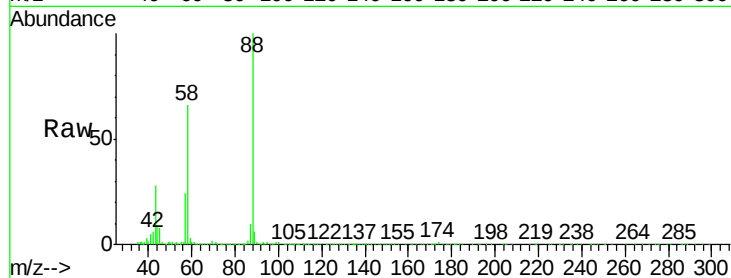




#49
1,4-Dioxane
Concen: 843.963 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

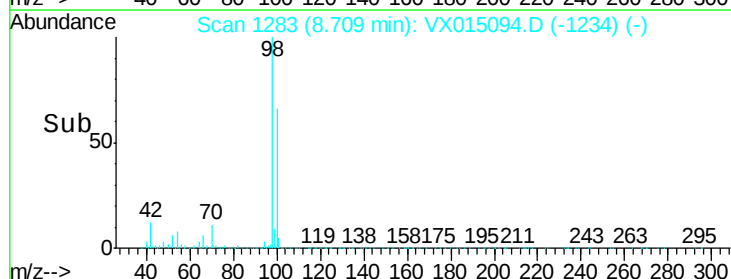
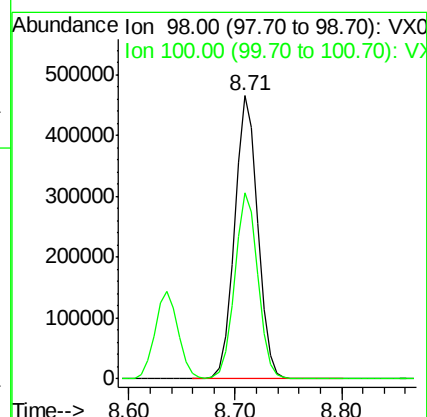
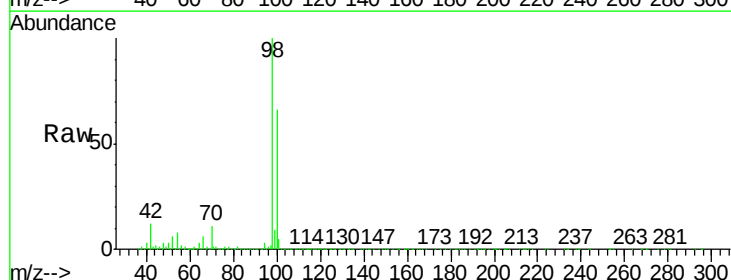
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

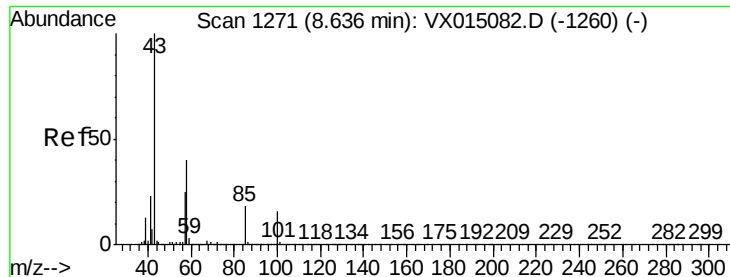
Tgt Ion: 88 Resp: 83619
Ion Ratio Lower Upper
88 100
43 35.3 27.0 40.4
58 68.3 55.6 83.4



#50
Toluene-d8
Concen: 49.392 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion: 98 Resp: 707416
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

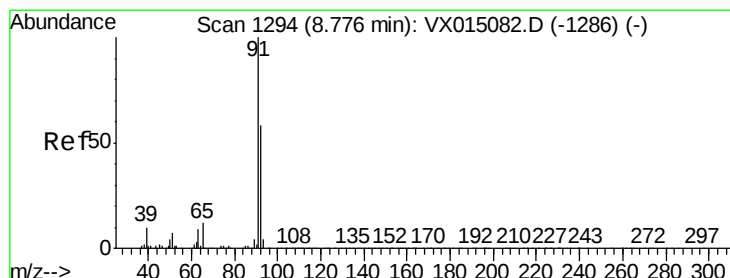
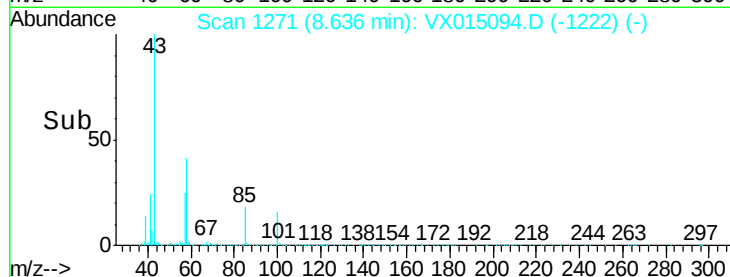
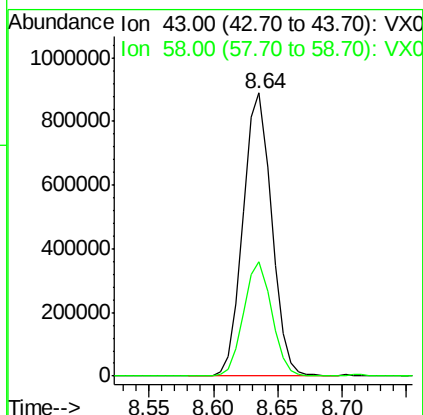
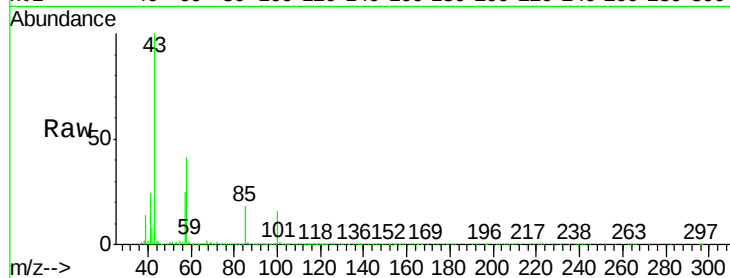




#51
4-Methyl-2-Pentanone
Concen: 256.724 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

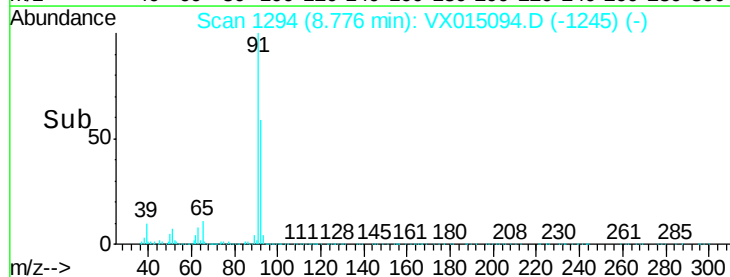
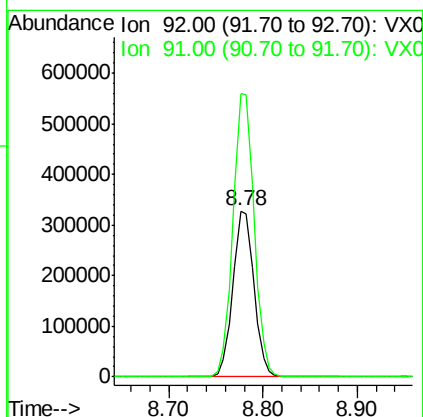
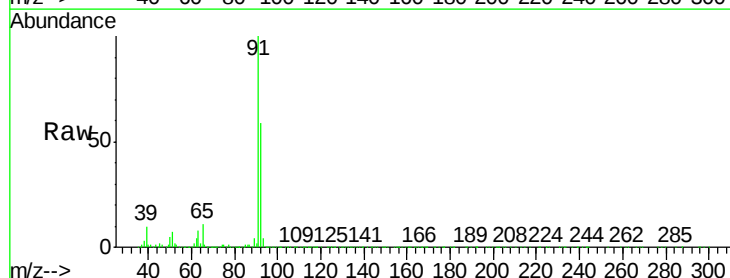
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

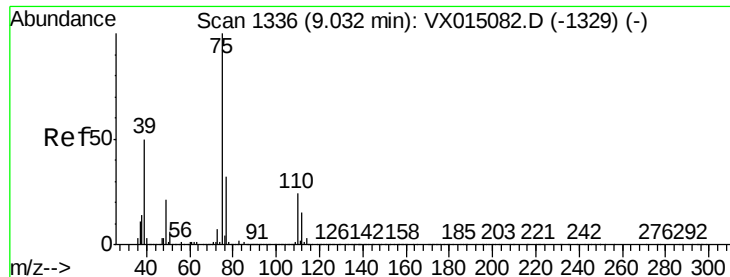
Tgt Ion: 43 Resp: 1366658
Ion Ratio Lower Upper
43 100
58 39.8 31.6 47.4



#52
Toluene
Concen: 50.743 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion: 92 Resp: 507882
Ion Ratio Lower Upper
92 100
91 171.4 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 51.440 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

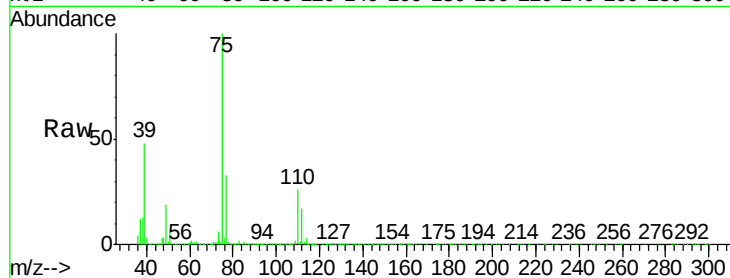
VSTDCCC050EC

Tgt Ion: 75 Resp: 298922

Ion Ratio Lower Upper

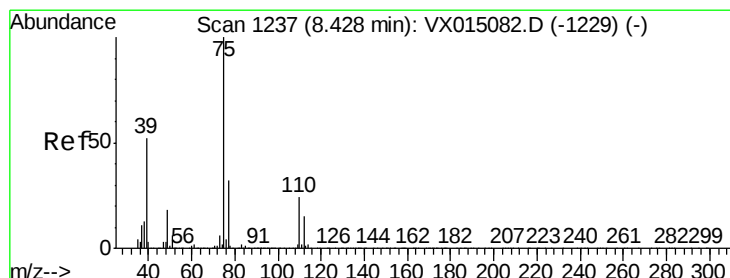
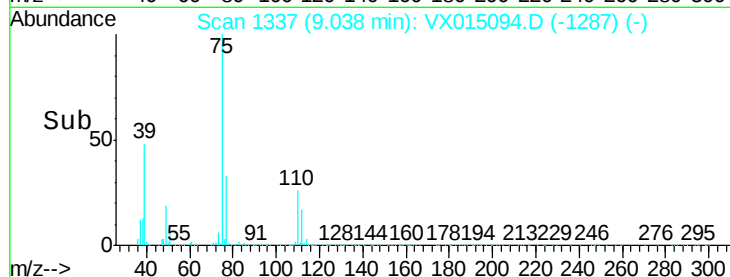
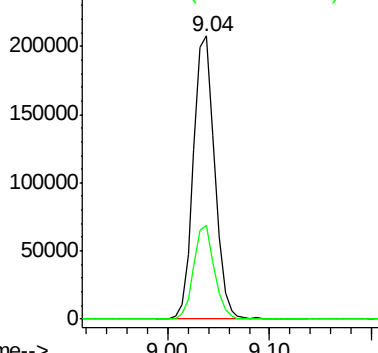
75 100

77 33.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.638 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

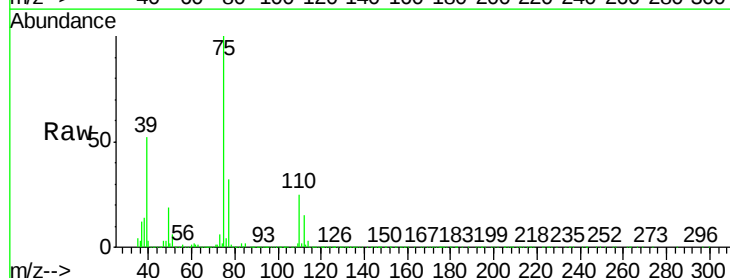
Tgt Ion: 75 Resp: 332669

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

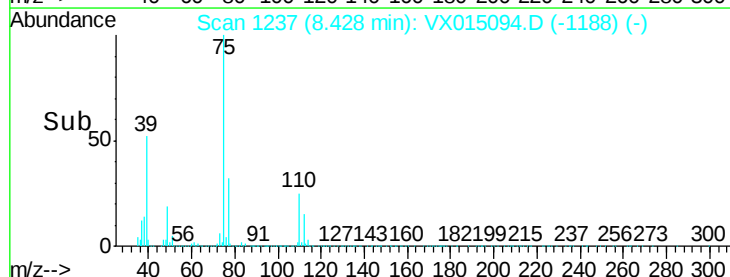
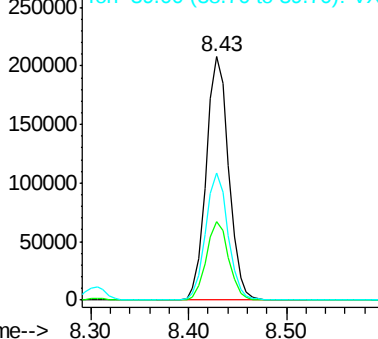
39 52.1 41.3 61.9

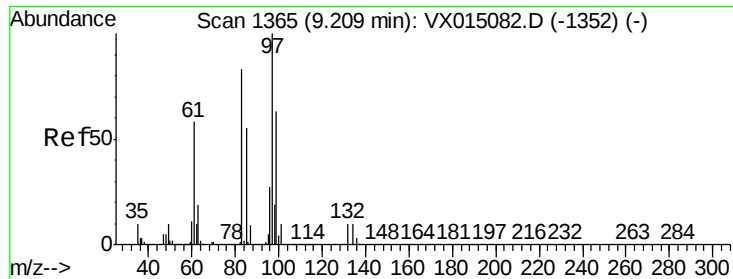


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

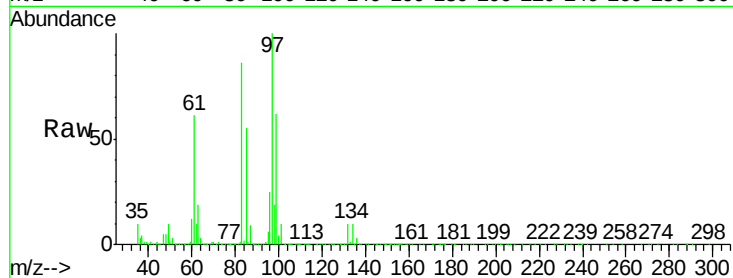




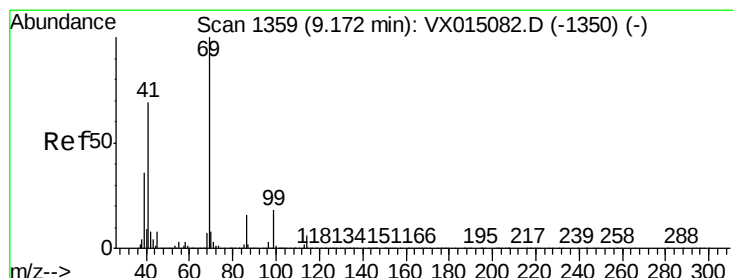
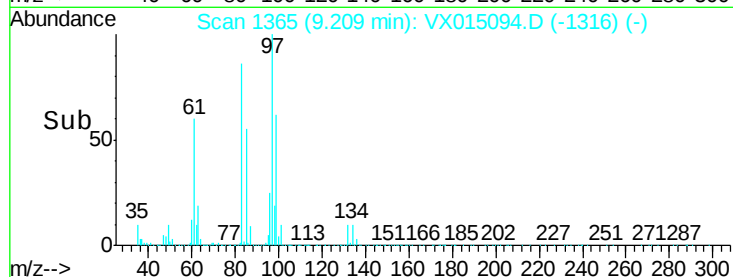
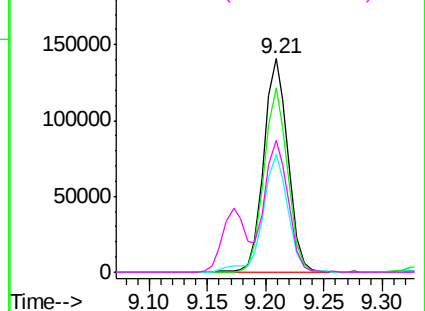
#55
 1,1,2-Trichloroethane
 Concen: 49.474 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	203815
Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.4	99.6
85	55.0	43.5	65.3
99	61.9	50.7	76.1

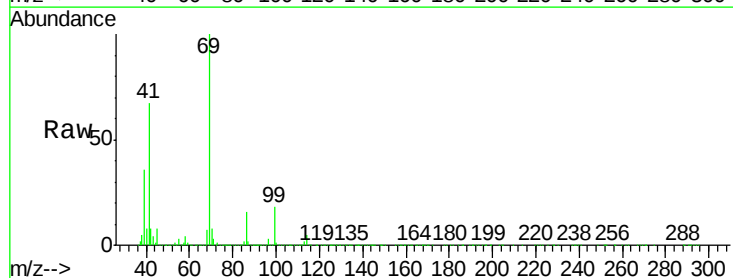


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

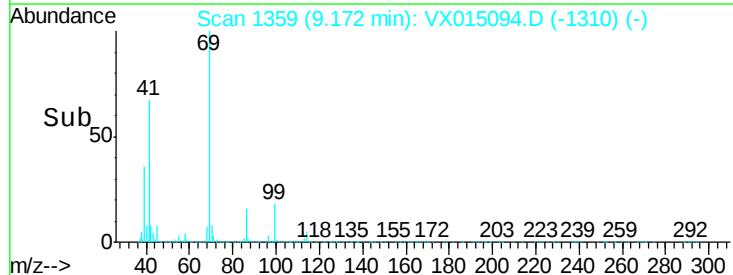
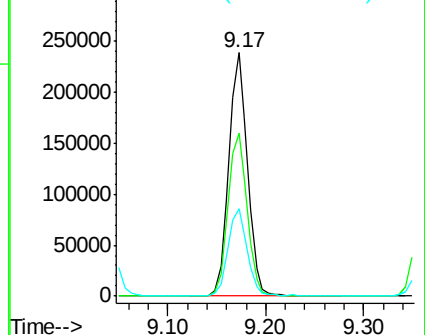


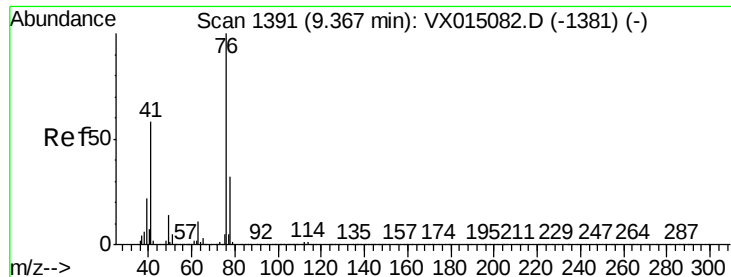
#56
 Ethyl methacrylate
 Concen: 53.909 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion:	69	Resp:	316774
Ion	Ratio	Lower	Upper
69	100		
41	68.2	55.8	83.8
39	36.4	29.4	44.2



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





#57

1,3-Dichloropropane

Concen: 49.922 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

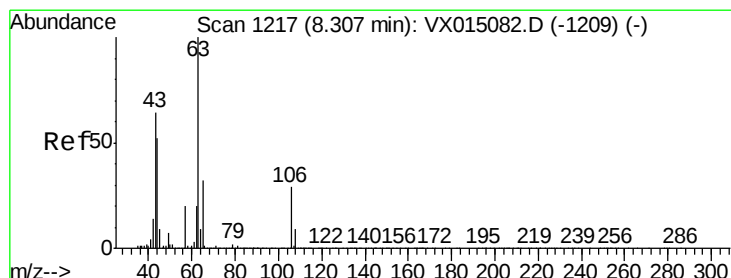
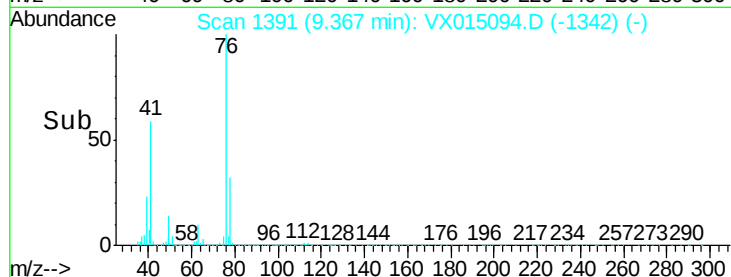
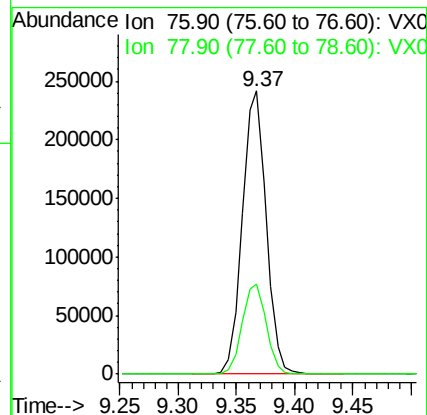
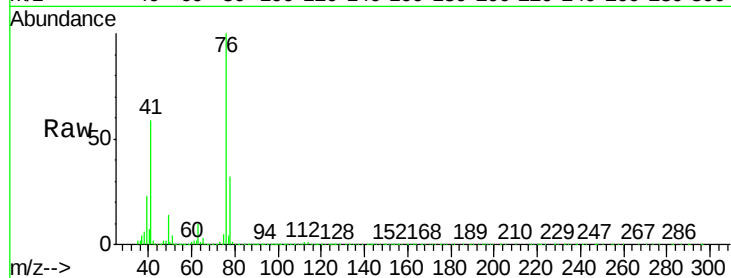
VSTDCCC050EC

Tgt Ion: 76 Resp: 345999

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 257.408 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015094.D

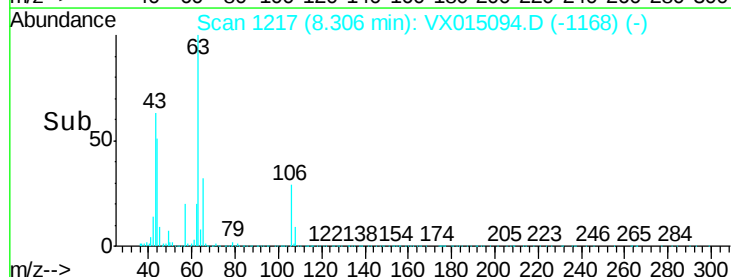
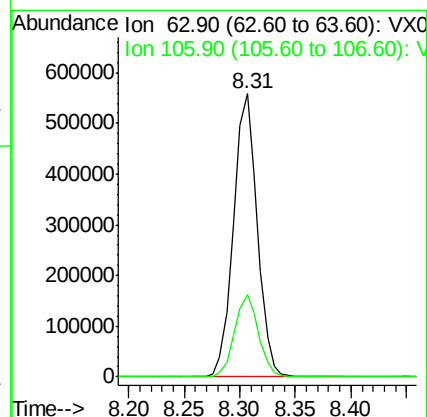
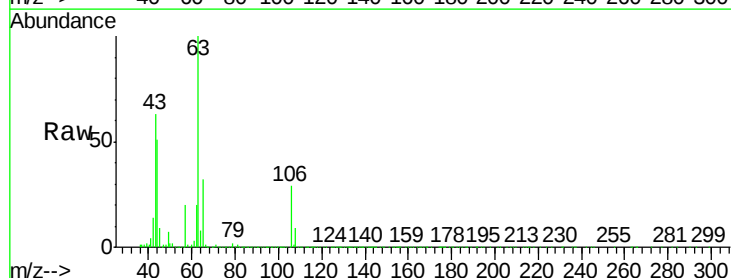
Acq: 04 Mar 2020 17:50

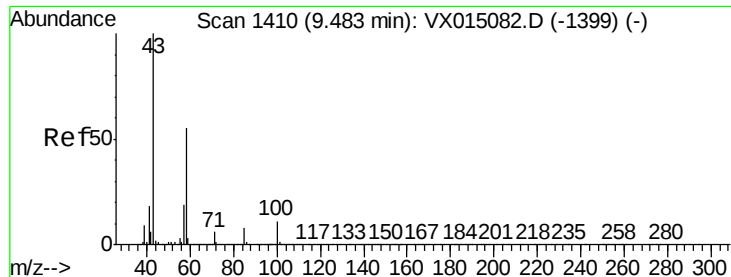
Tgt Ion: 63 Resp: 824007

Ion Ratio Lower Upper

63 100

106 29.1 22.8 34.2

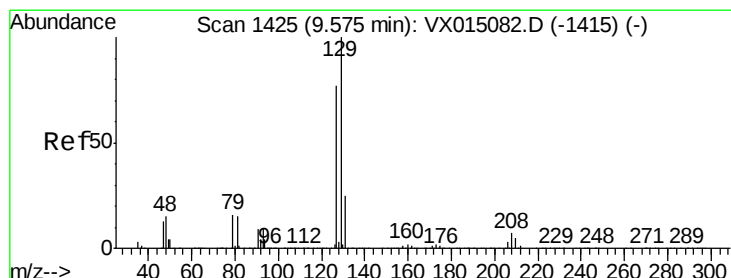
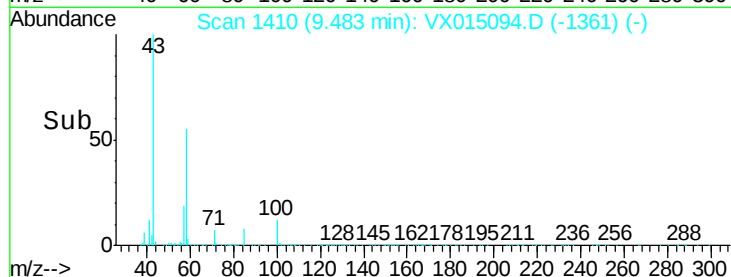
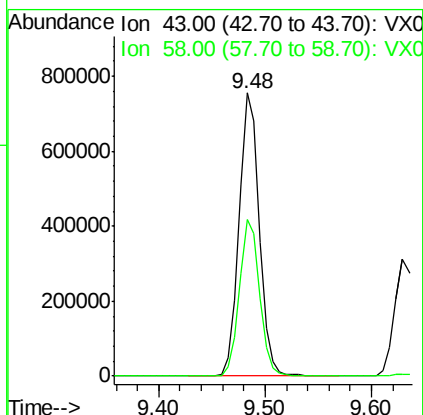
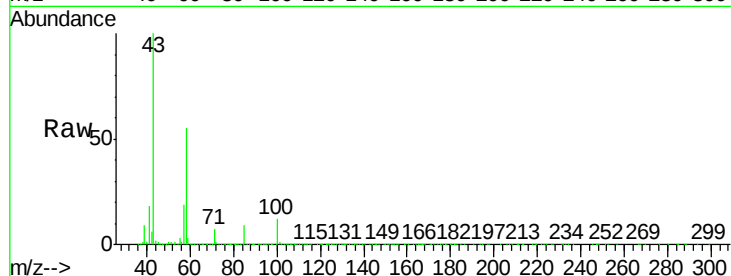




#59
2-Hexanone
Concen: 255.749 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

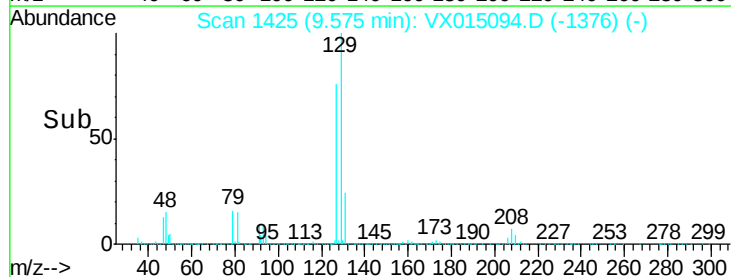
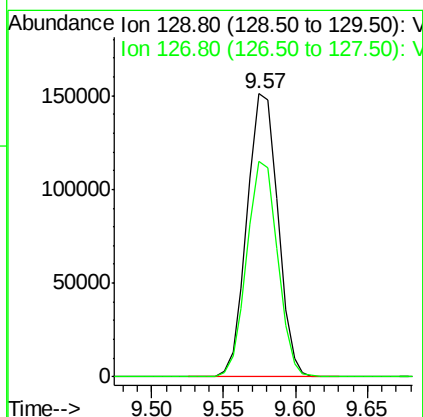
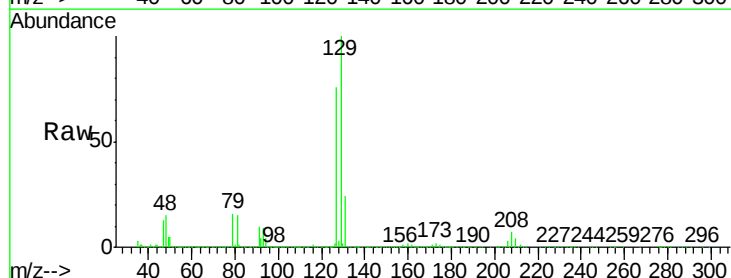
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

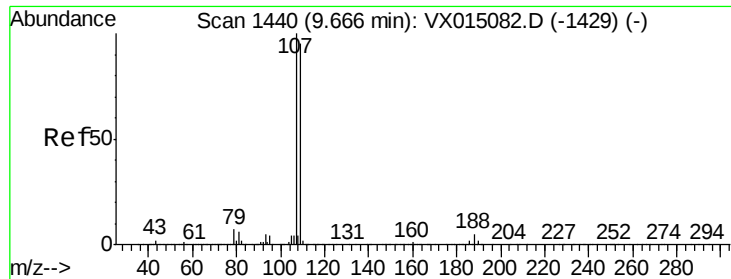
Tgt Ion: 43 Resp: 1009098
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8



#60
Dibromochloromethane
Concen: 51.929 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion: 129 Resp: 224723
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.170 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

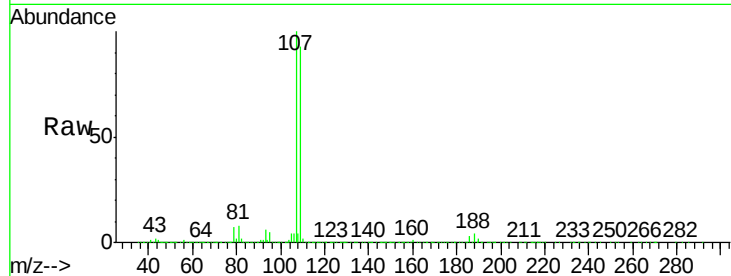
VSTDCCC050EC

Tgt Ion: 107 Resp: 212759

Ion Ratio Lower Upper

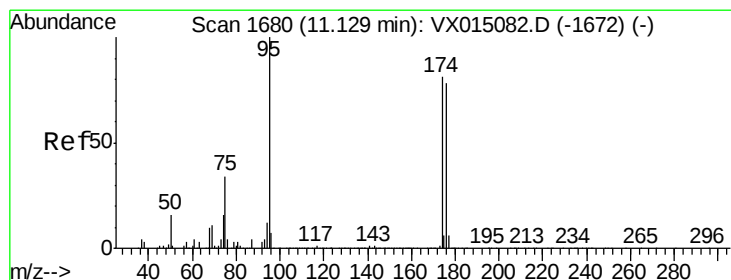
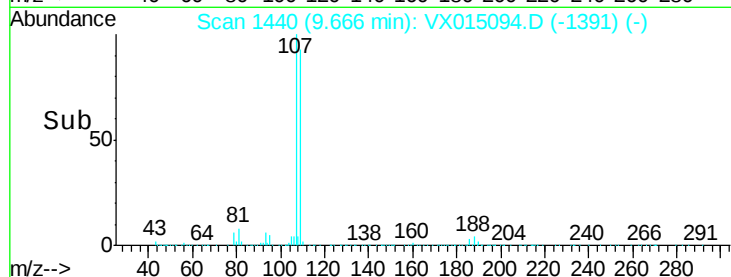
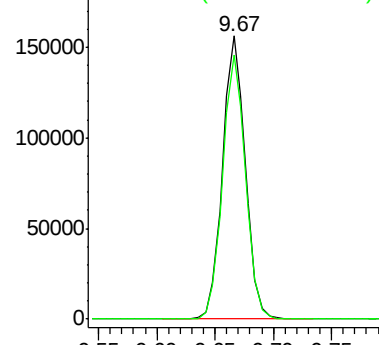
107 100

109 94.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.359 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

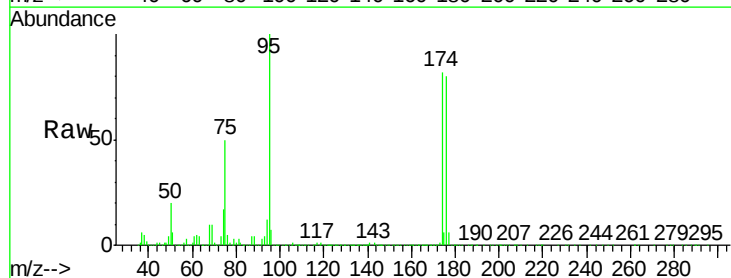
Tgt Ion: 95 Resp: 252156

Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.6

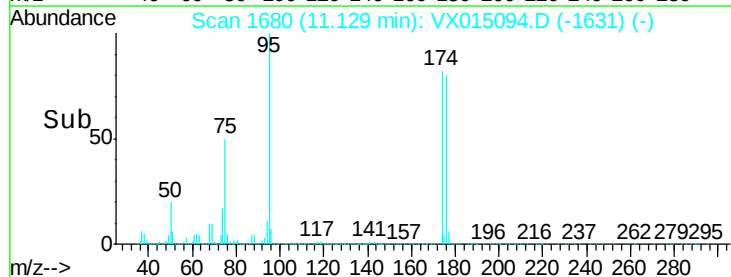
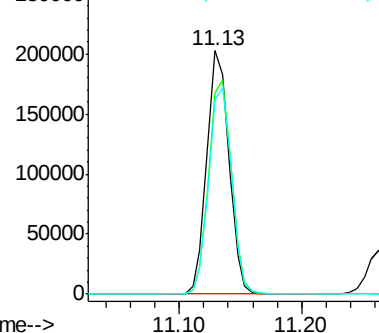
176 88.1 0.0 170.2

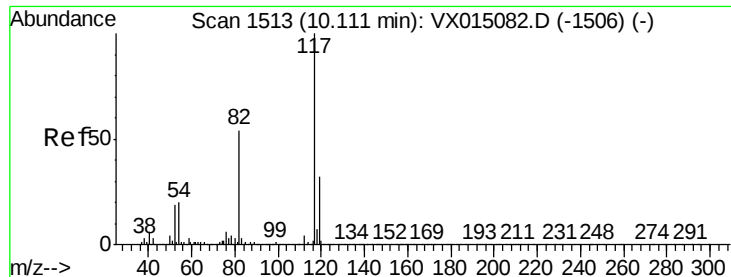


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

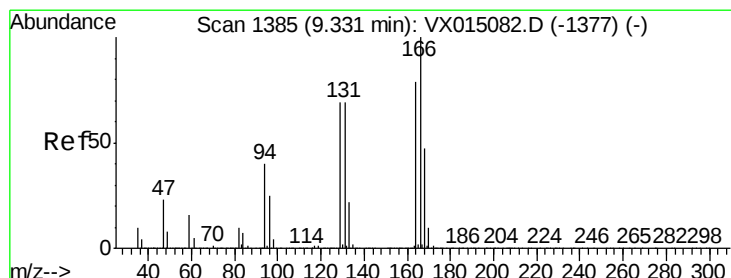
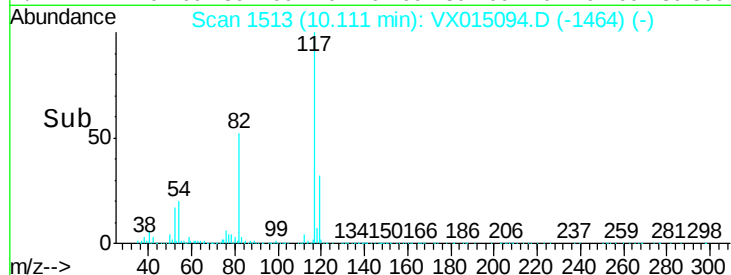
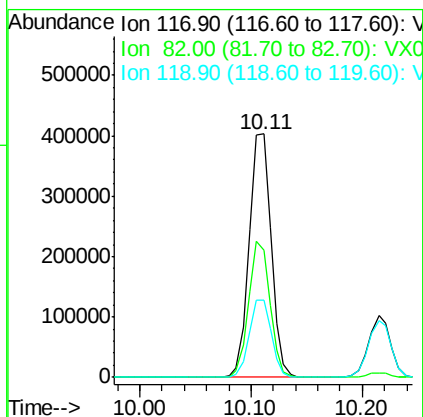
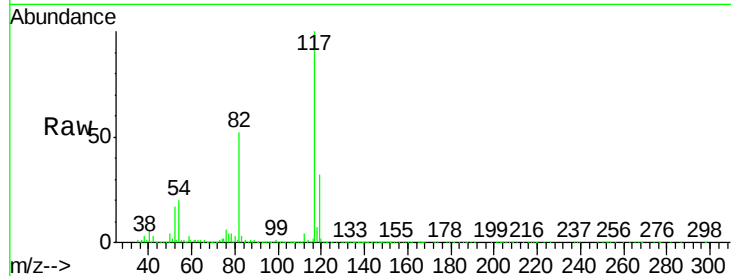




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

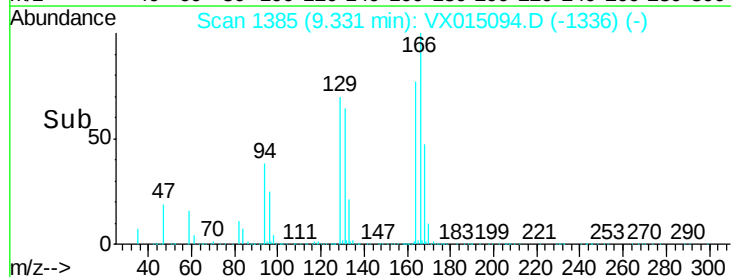
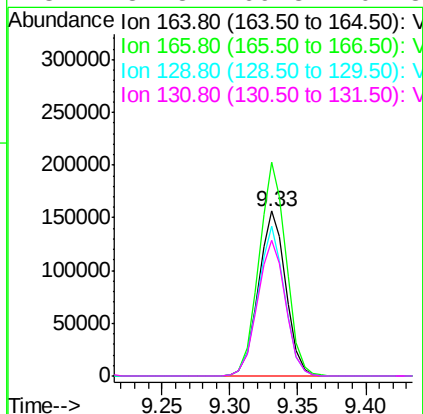
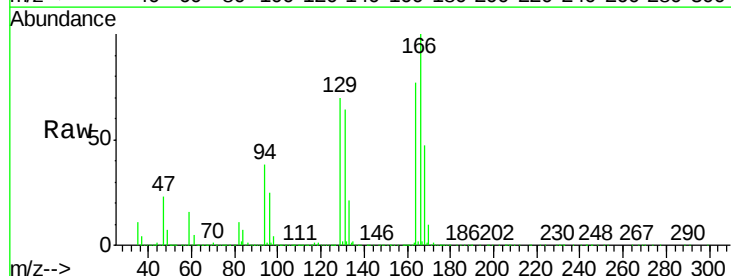
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 558313
Ion Ratio Lower Upper
117 100
82 52.4 43.3 64.9
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 47.810 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion:164 Resp: 220699
Ion Ratio Lower Upper
164 100
166 129.8 101.1 151.7
129 90.7 69.4 104.0
131 82.8 69.8 104.8





#65

Chlorobenzene

Concen: 49.375 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

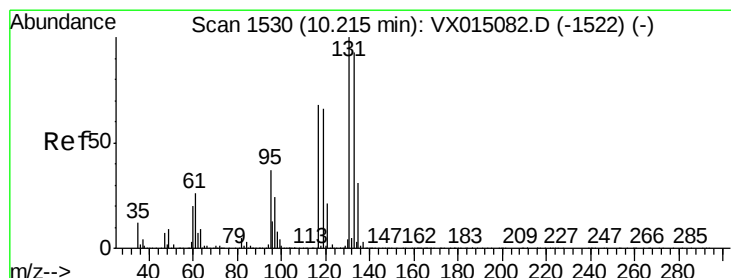
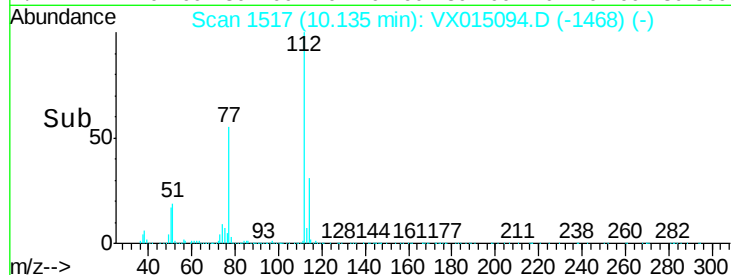
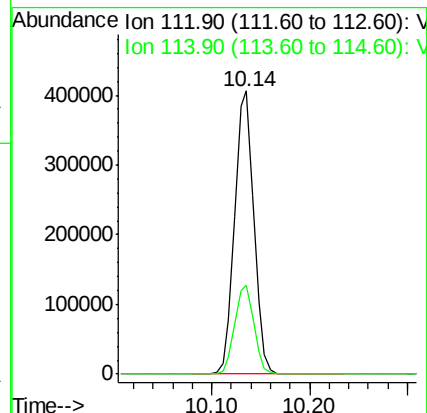
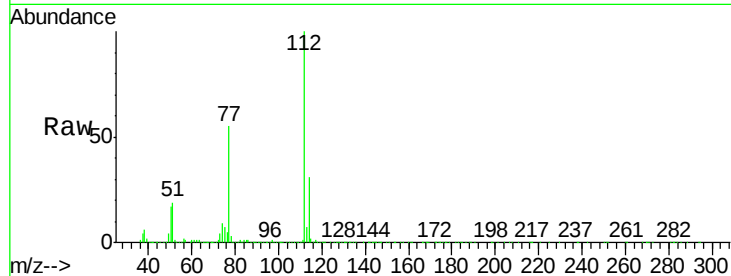
VSTDCCC050EC

Tgt Ion:112 Resp: 553443

Ion Ratio Lower Upper

112 100

114 31.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.368 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

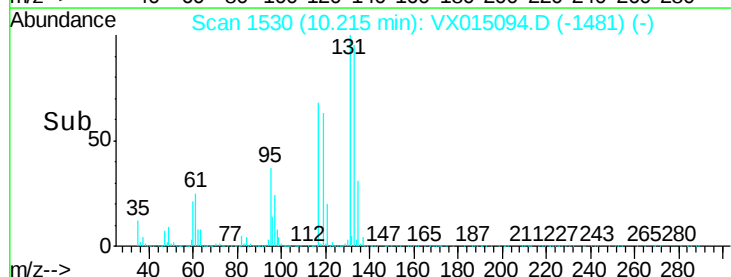
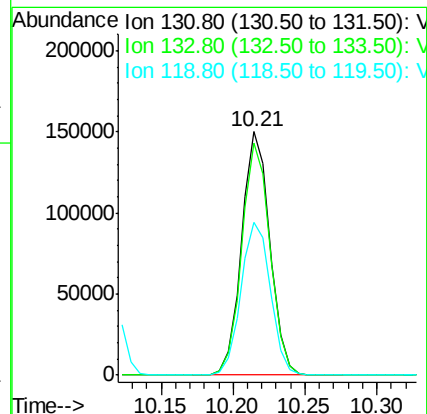
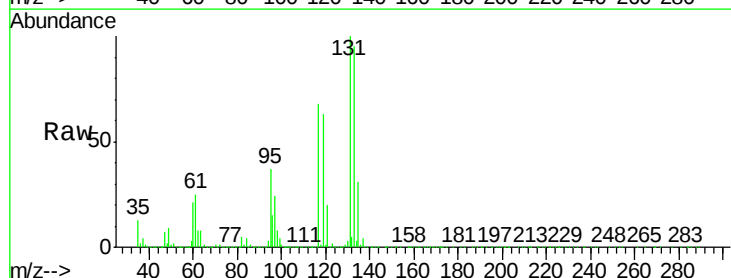
Tgt Ion:131 Resp: 204432

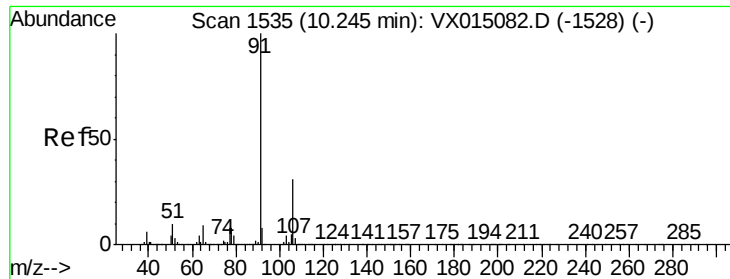
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.5

119 65.2 33.4 100.1

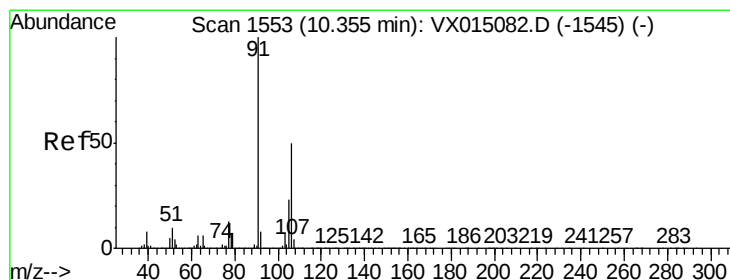
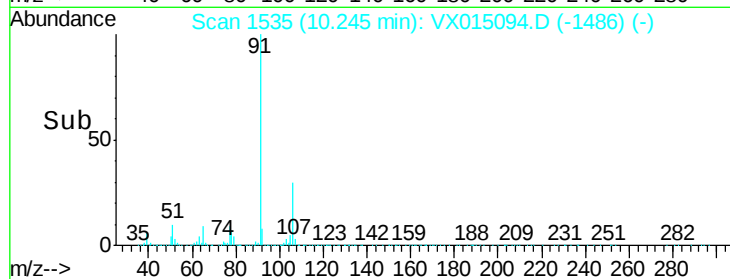
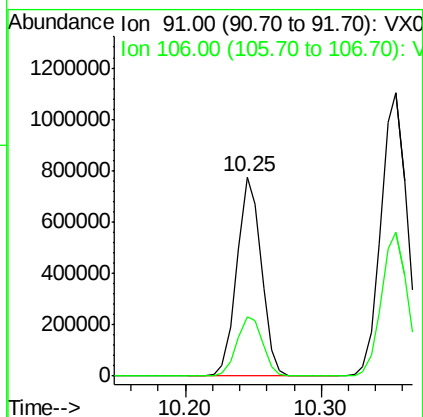
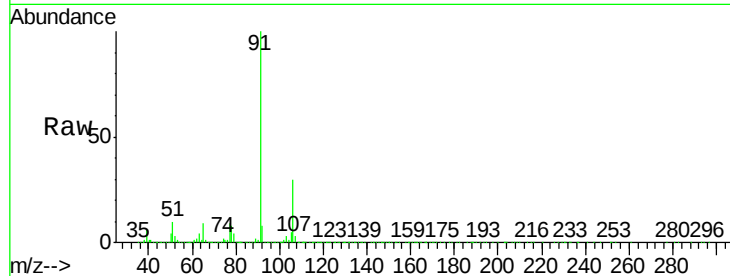




#67
Ethyl Benzene
Concen: 50.962 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

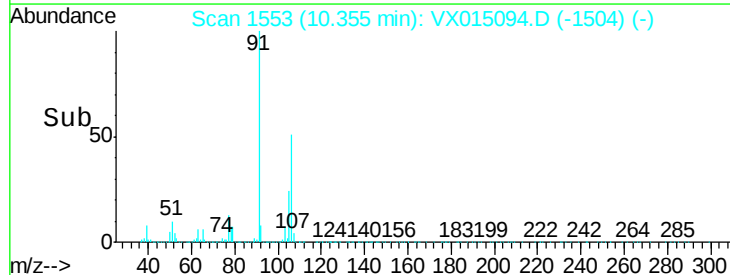
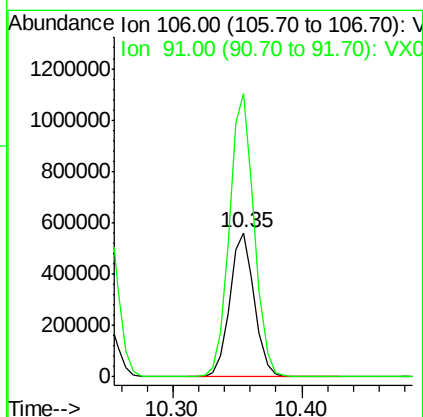
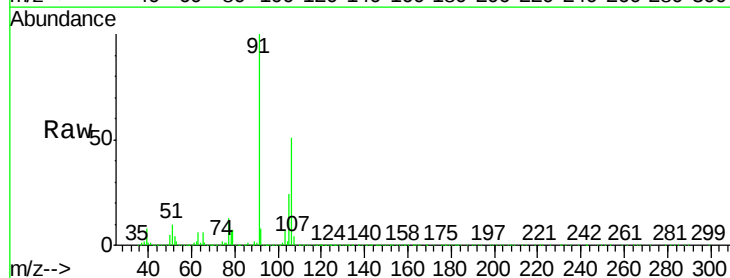
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

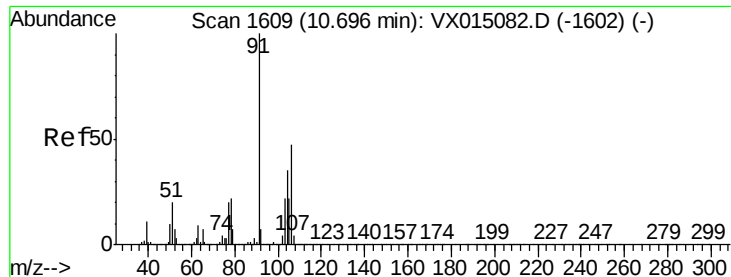
Tgt Ion: 91 Resp: 970003
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3



#68
m/p-Xylenes
Concen: 102.380 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion: 106 Resp: 741406
Ion Ratio Lower Upper
106 100
91 199.0 159.4 239.2

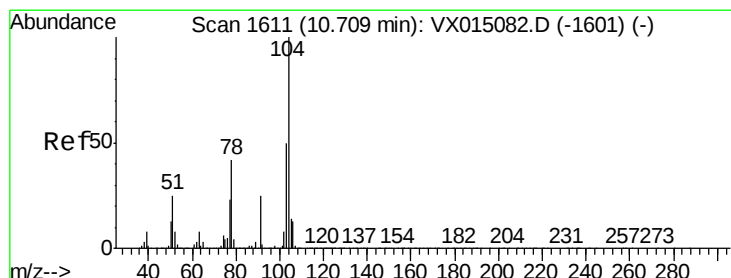
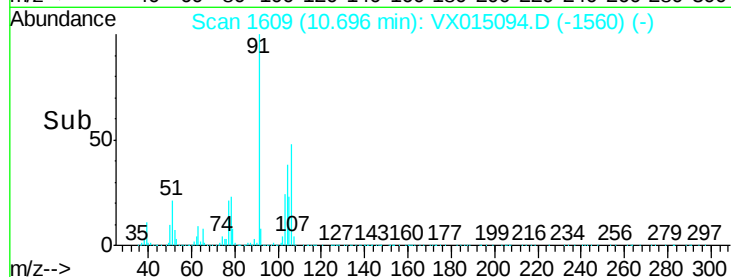
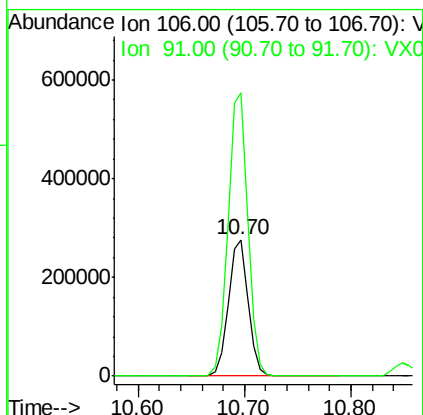
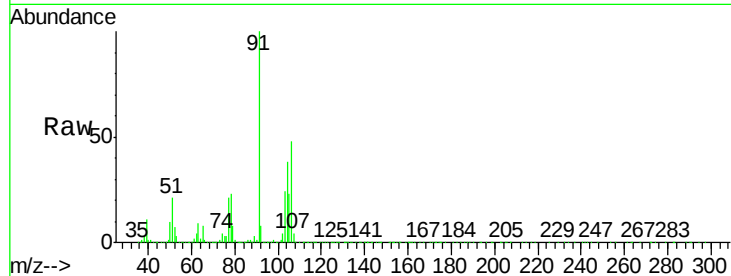




#69
o-Xylene
Concen: 51.454 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

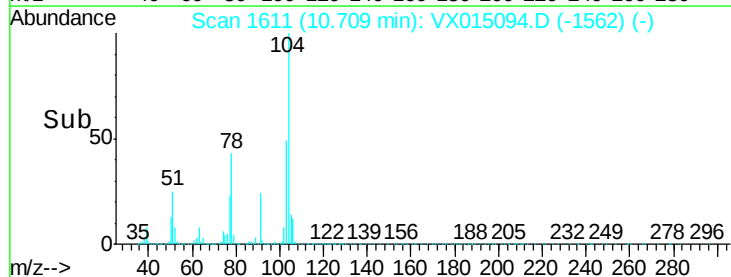
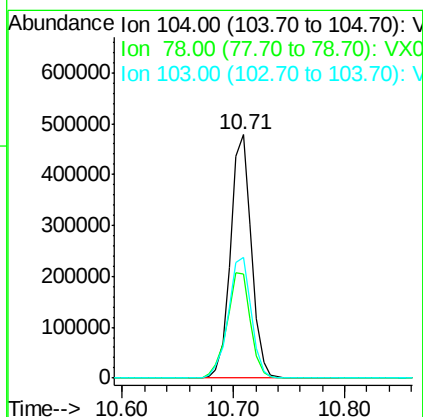
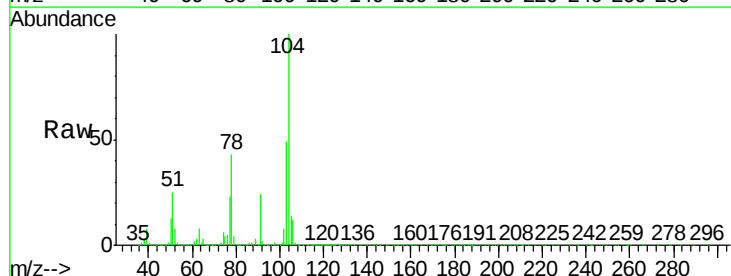
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

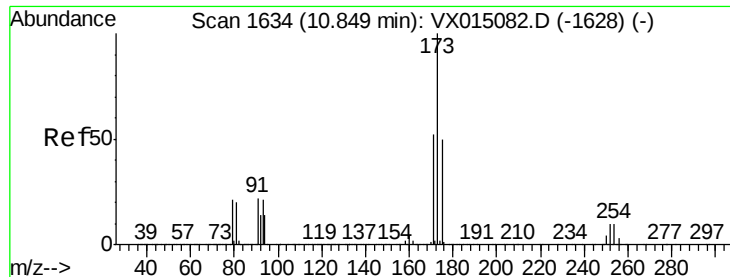
Tgt Ion:106 Resp: 356755
Ion Ratio Lower Upper
106 100
91 209.8 105.4 316.1



#70
Styrene
Concen: 51.736 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion:104 Resp: 615049
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.4
103 54.9 43.7 65.5





#71

Bromoform

Concen: 51.479 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

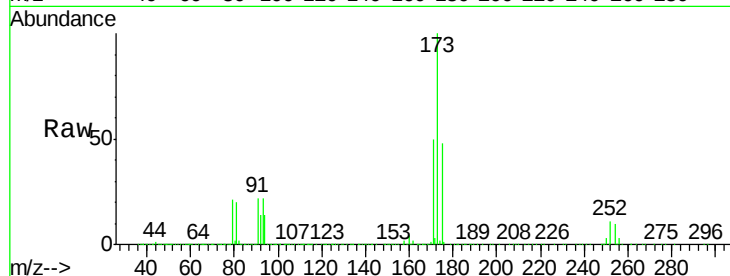
Tgt Ion:173 Resp: 168728

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.7

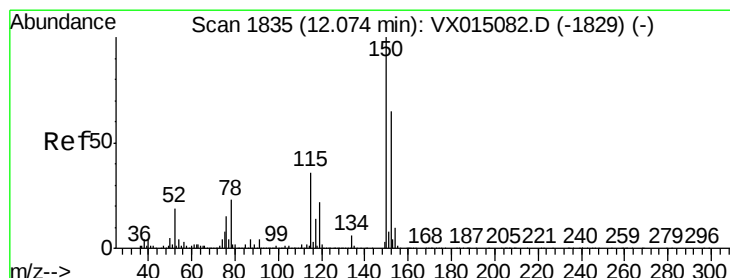
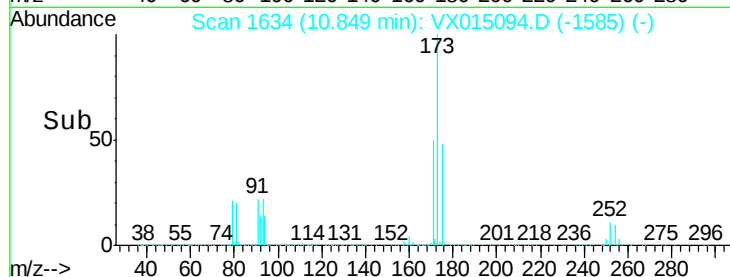
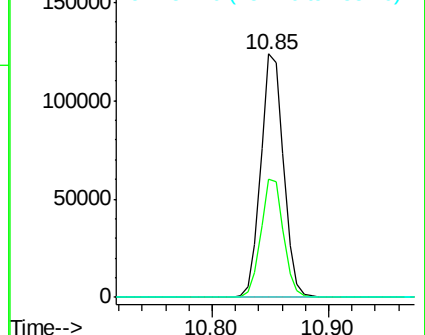
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

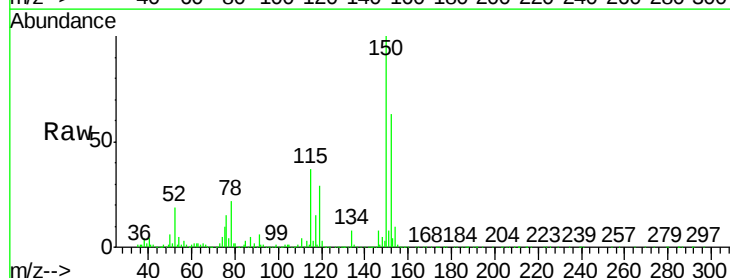
Tgt Ion:152 Resp: 293924

Ion Ratio Lower Upper

152 100

115 75.9 38.2 114.6

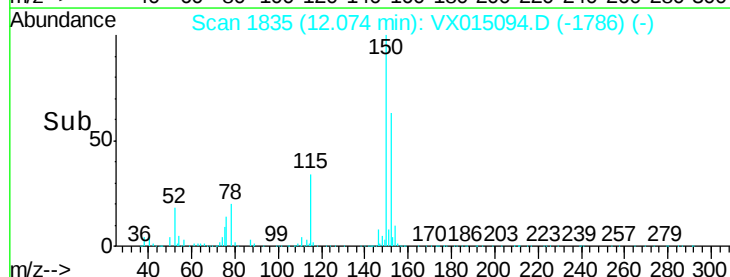
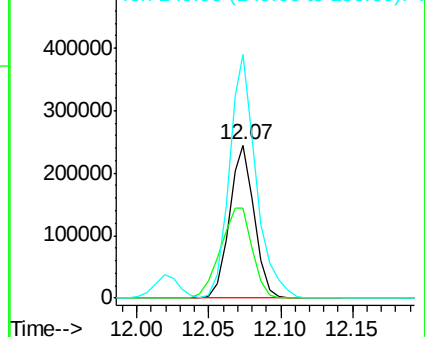
150 172.1 0.0 343.8

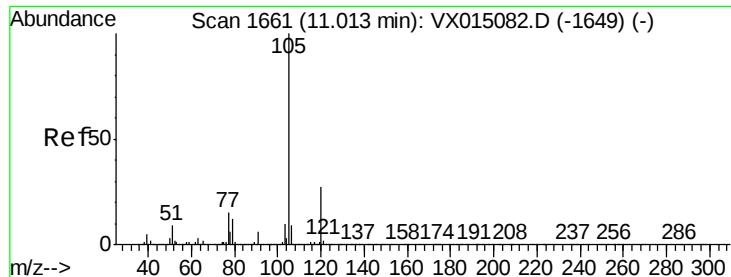


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.285 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

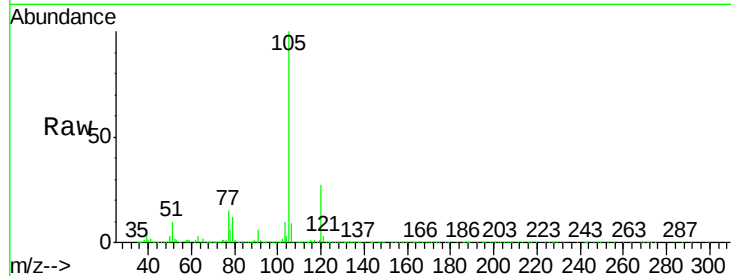
VSTDCCC050EC

Tgt Ion: 105 Resp: 944162

Ion Ratio Lower Upper

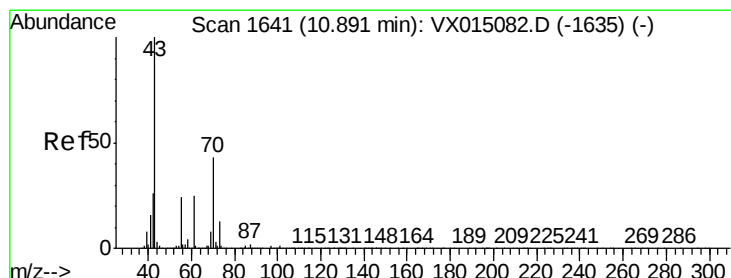
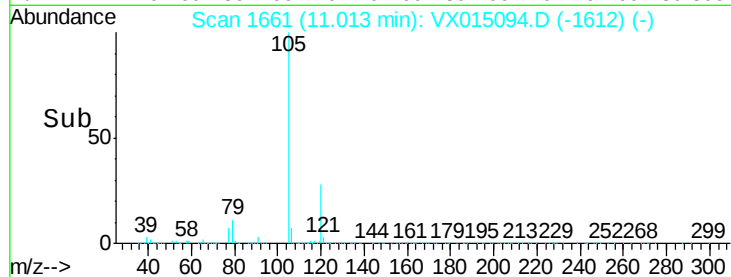
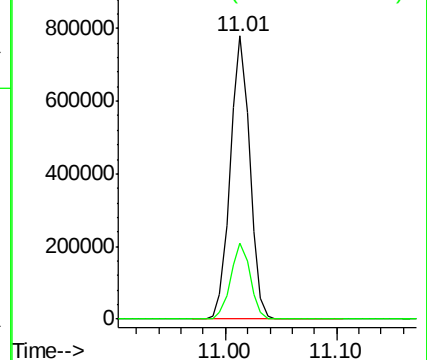
105 100

120 26.8 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: 51.152 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion: 43 Resp: 404759

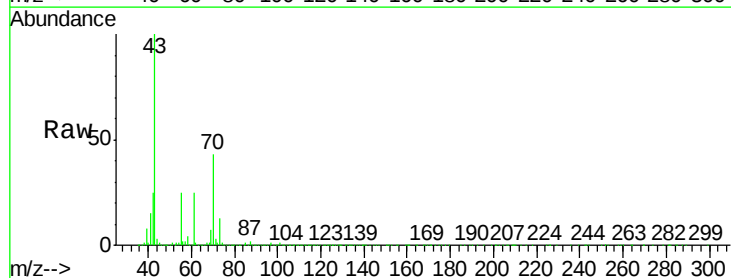
Ion Ratio Lower Upper

43 100

70 42.7 34.7 52.1

55 24.3 19.4 29.0

61 24.7 19.0 28.6

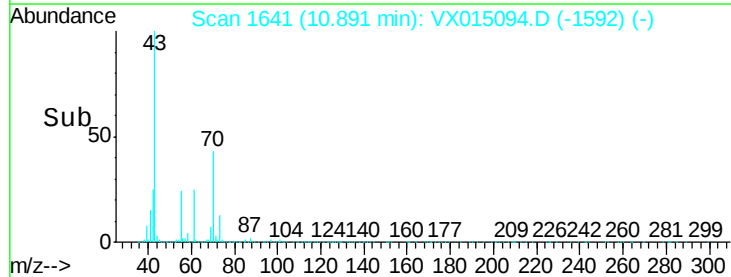
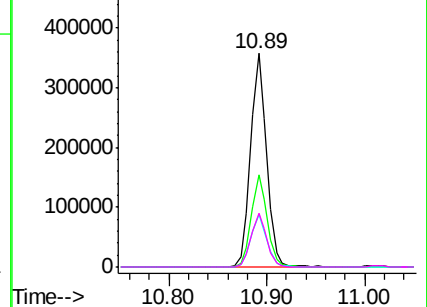


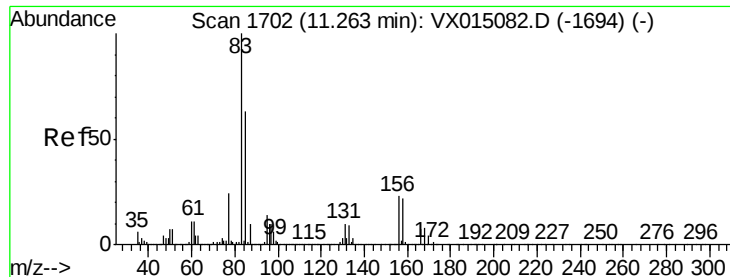
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.060 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

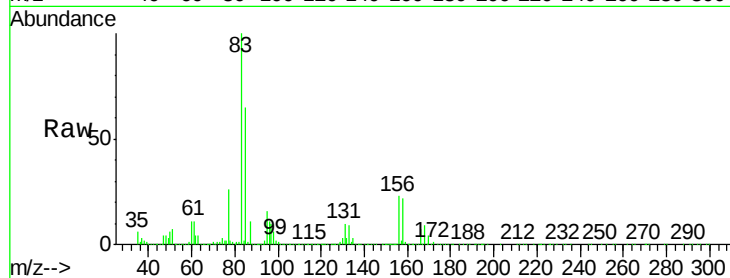
Tgt Ion: 83 Resp: 300730

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

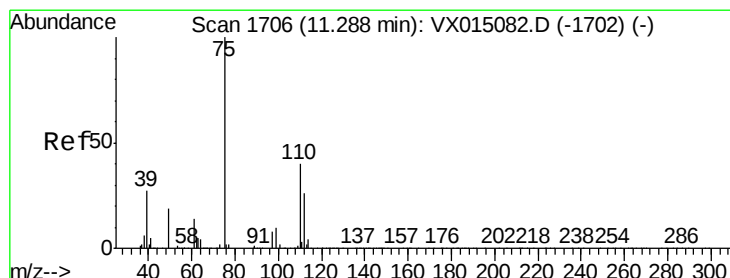
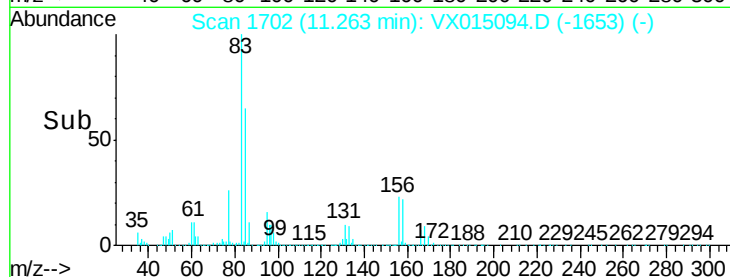
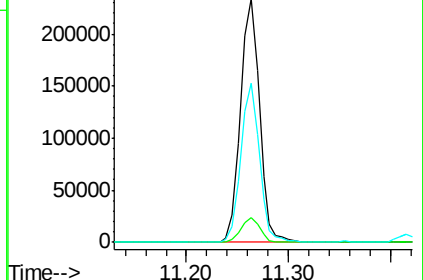
85 63.6 31.9 95.9



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: 58.388 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015094.D

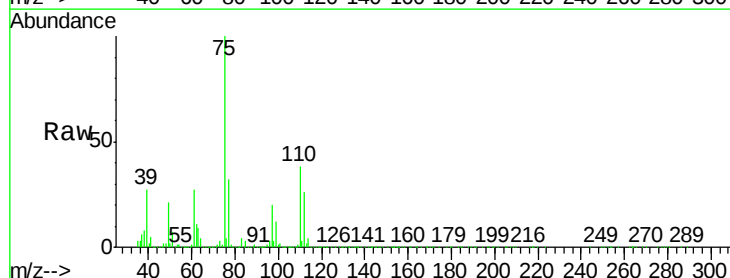
Acq: 04 Mar 2020 17:50

Tgt Ion: 75 Resp: 342326

Ion Ratio Lower Upper

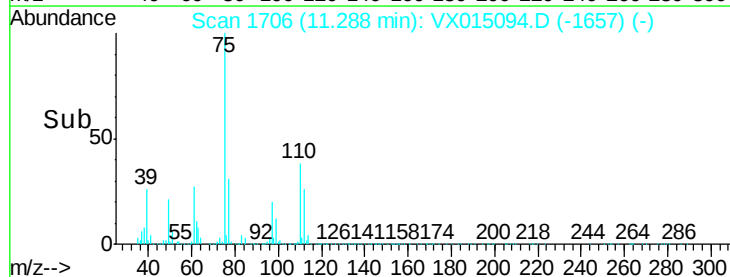
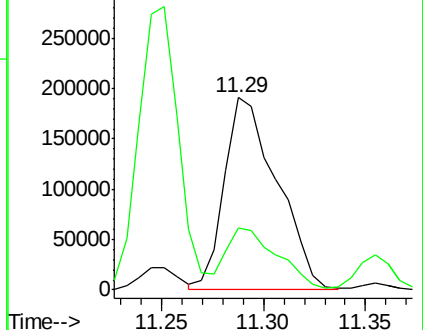
75 100

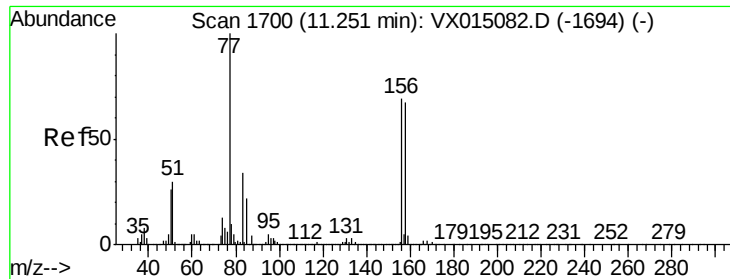
77 30.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.138 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

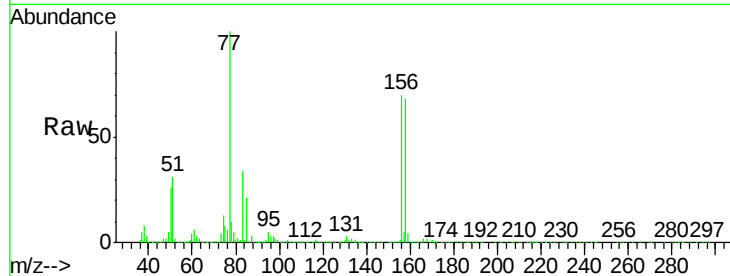
Tgt Ion:156 Resp: 246657

Ion Ratio Lower Upper

156 100

77 154.7 75.3 225.9

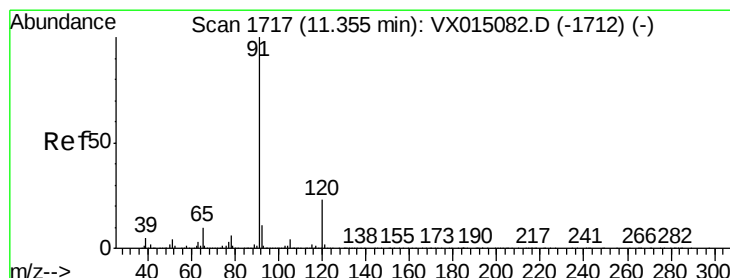
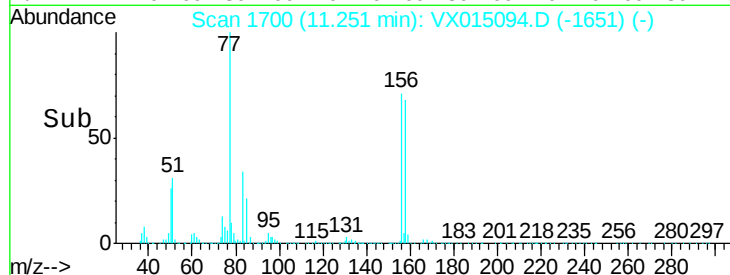
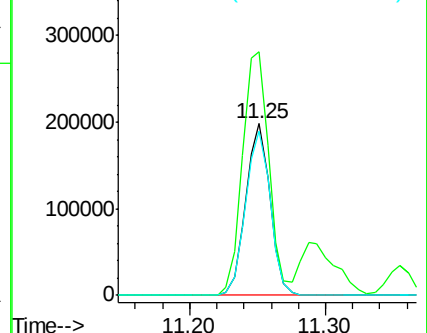
158 97.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.975 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015094.D

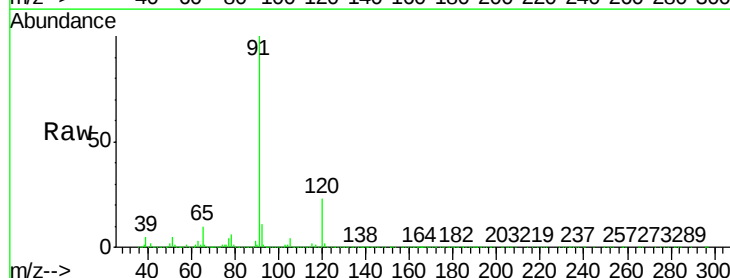
Acq: 04 Mar 2020 17:50

Tgt Ion: 91 Resp: 1093470

Ion Ratio Lower Upper

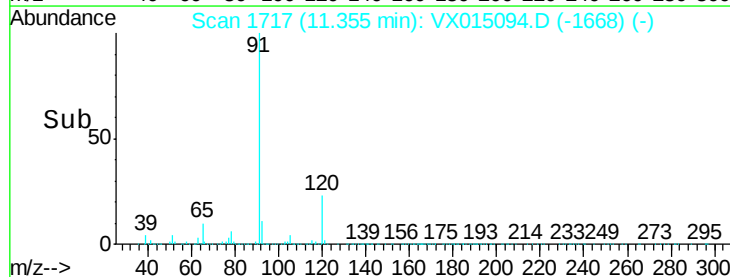
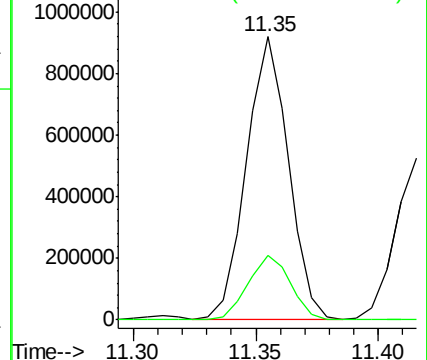
91 100

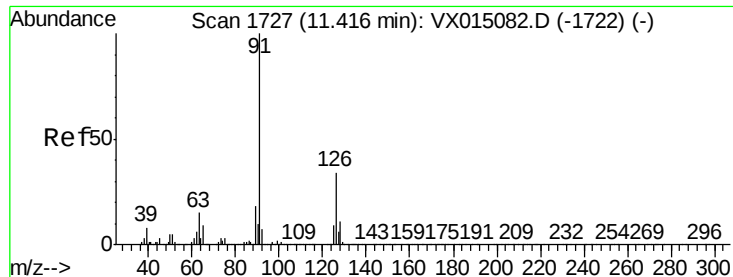
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

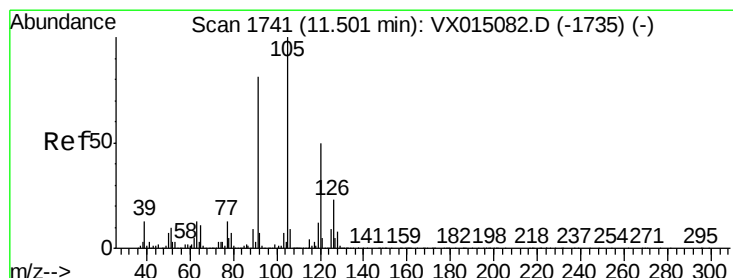
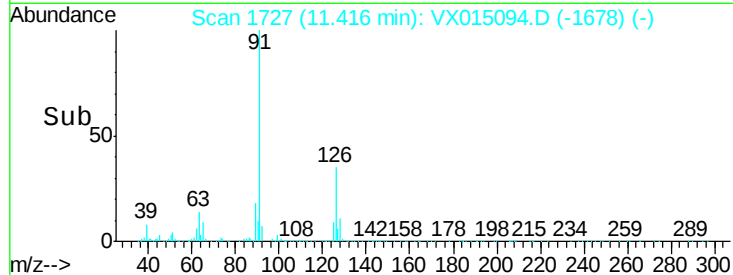
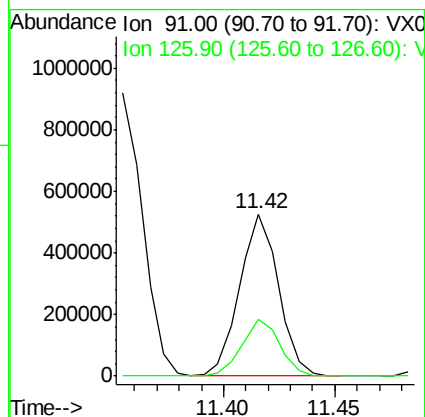
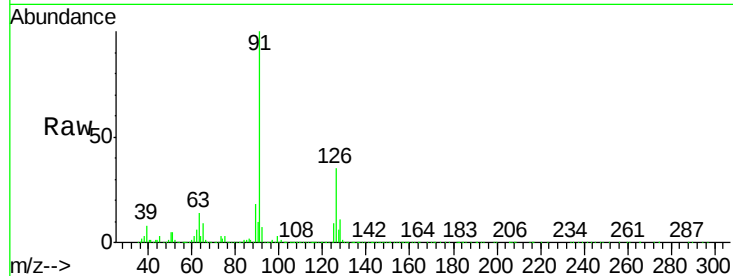




#79
 2-Chlorotoluene
 Concen: 49.727 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

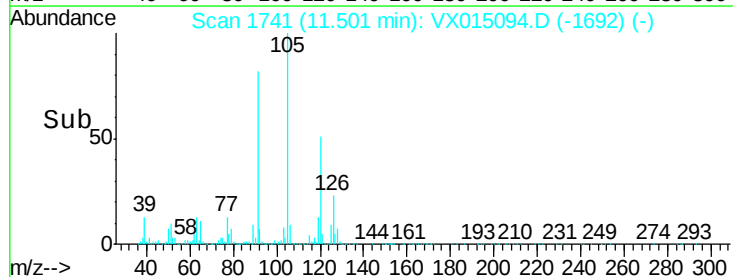
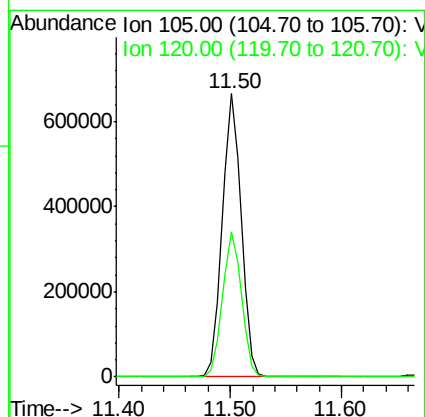
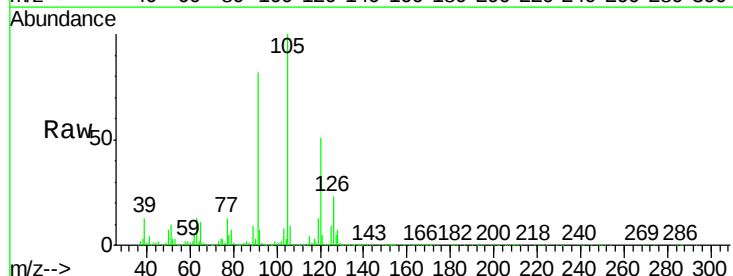
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

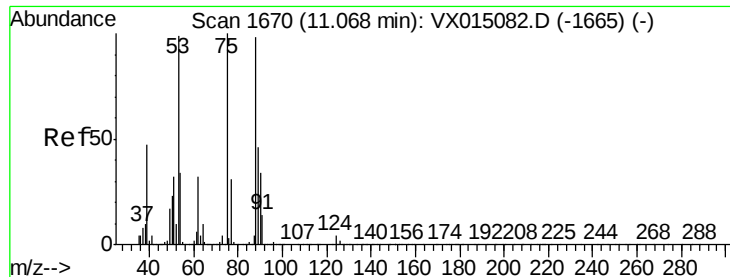
Tgt Ion: 91 Resp: 637024
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 50.266 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion: 105 Resp: 785674
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.178 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

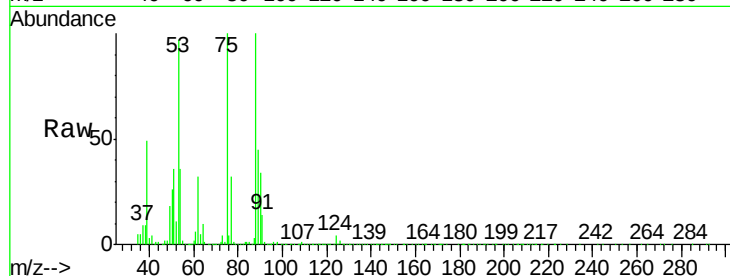
Tgt Ion: 75 Resp: 99529

Ion Ratio Lower Upper

75 100

53 96.7 77.9 116.9

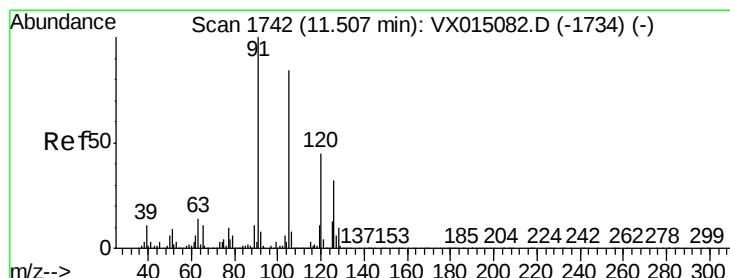
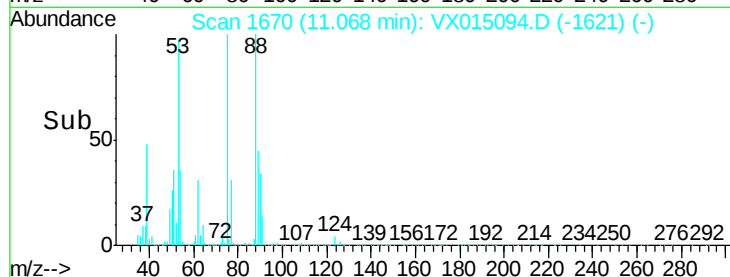
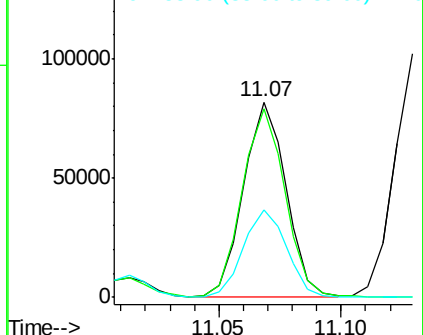
89 45.4 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.829 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015094.D

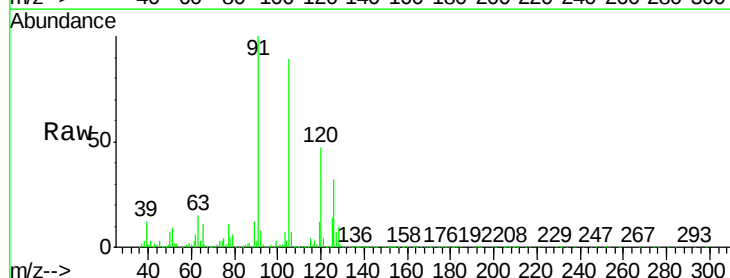
Acq: 04 Mar 2020 17:50

Tgt Ion: 91 Resp: 739010

Ion Ratio Lower Upper

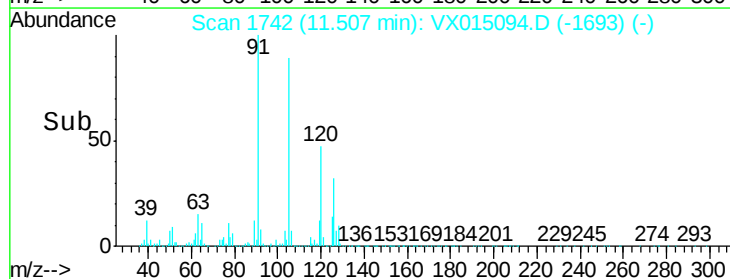
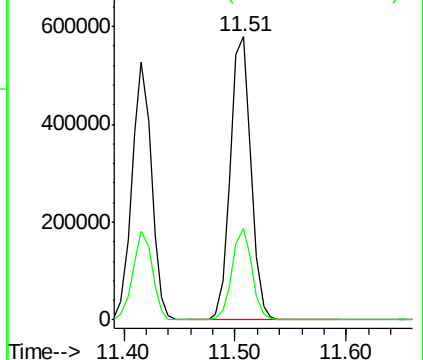
91 100

126 31.0 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

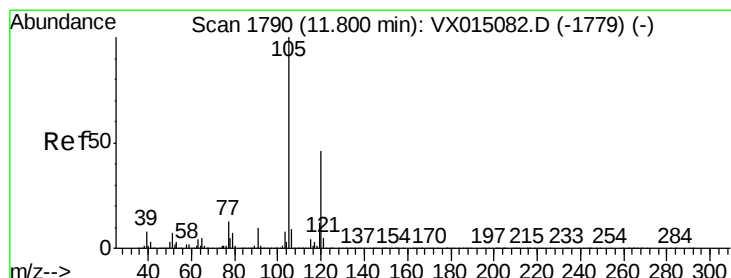
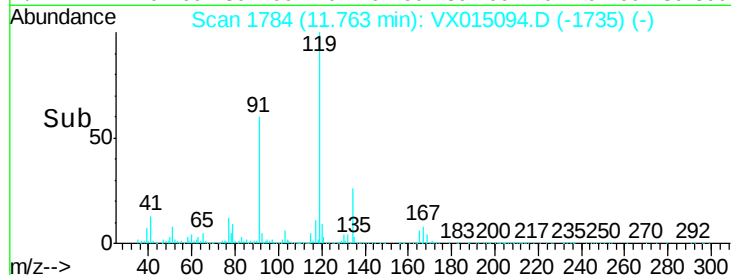
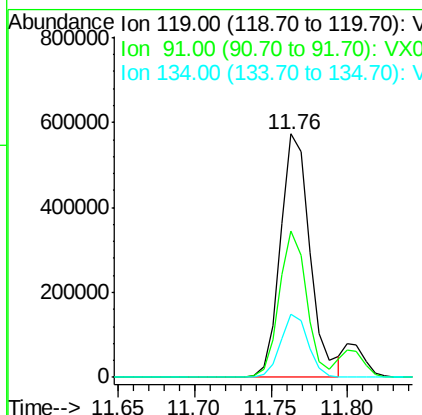
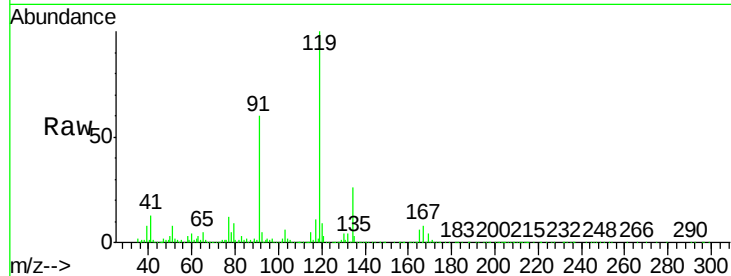




#83
 tert-Butylbenzene
 Concen: 50.888 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

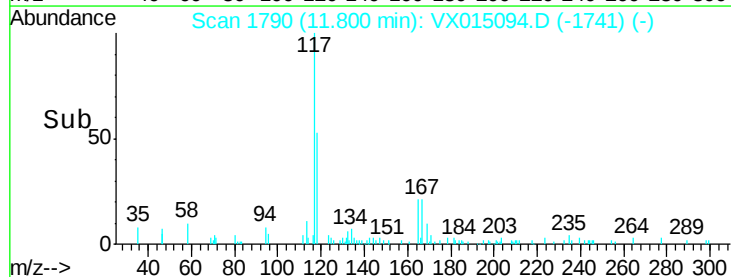
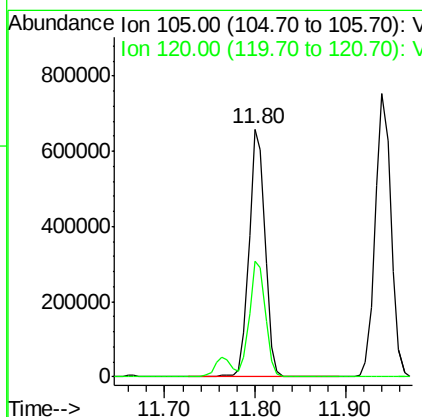
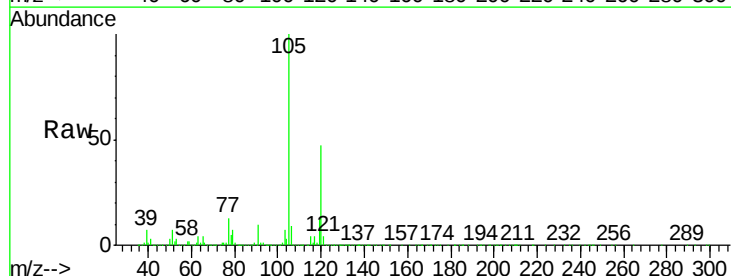
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

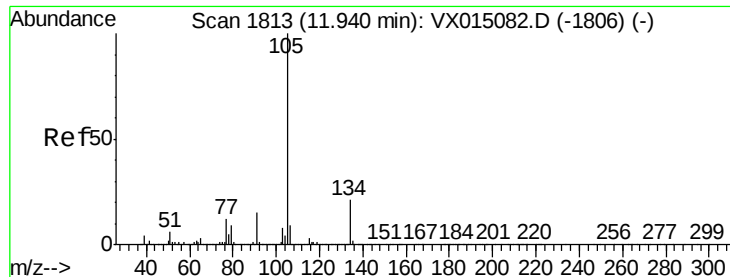
Tgt Ion:119 Resp: 769094
 Ion Ratio Lower Upper
 119 100
 91 55.6 28.5 85.6
 134 24.2 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.949 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion:105 Resp: 800011
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.5

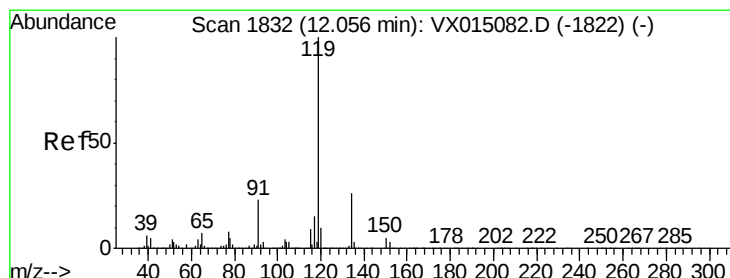
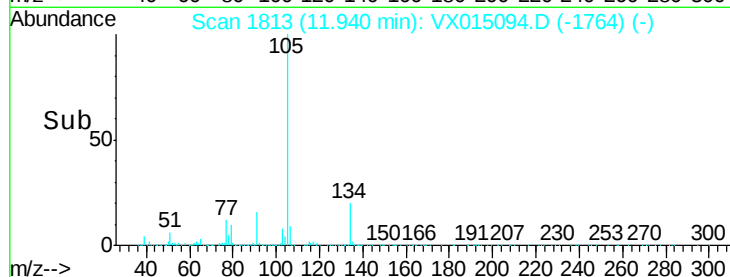
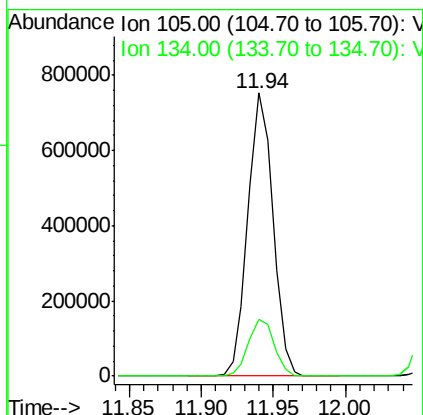
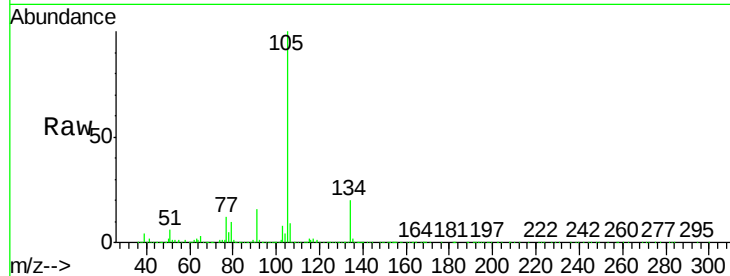




#85
 sec-Butylbenzene
 Concen: 49.838 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

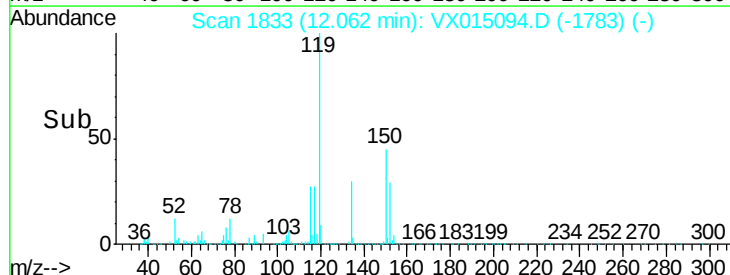
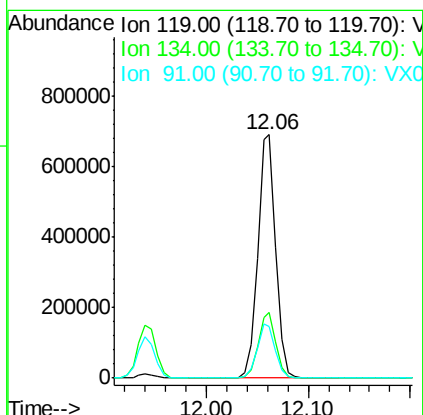
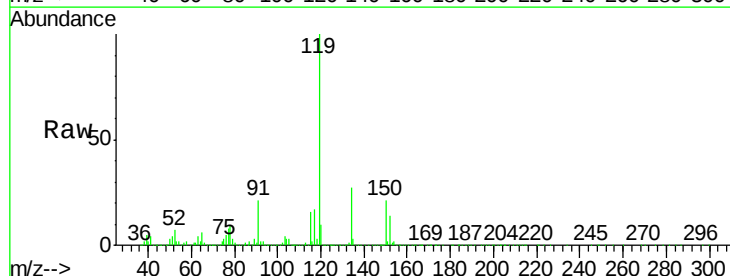
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

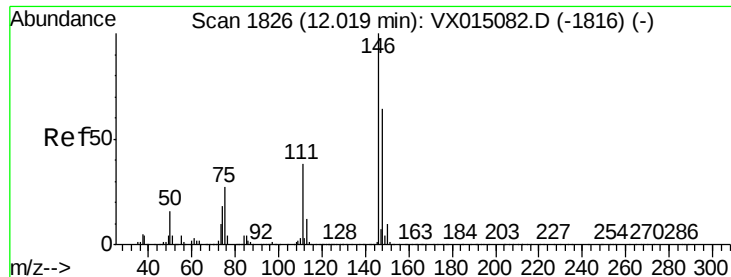
Tgt Ion:105 Resp: 909276
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 50.580 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion:119 Resp: 850191
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 22.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.161 ug/l

RT: 12.02 min Scan# 1826

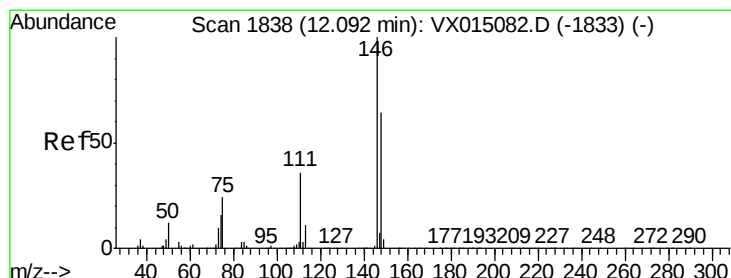
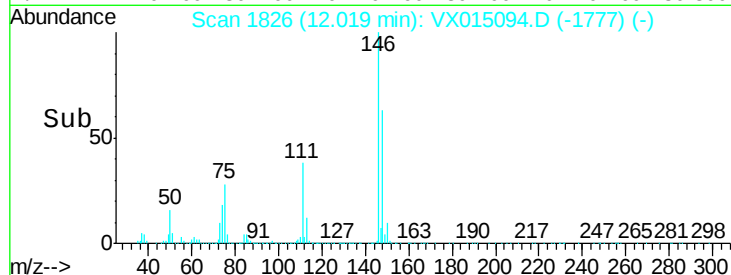
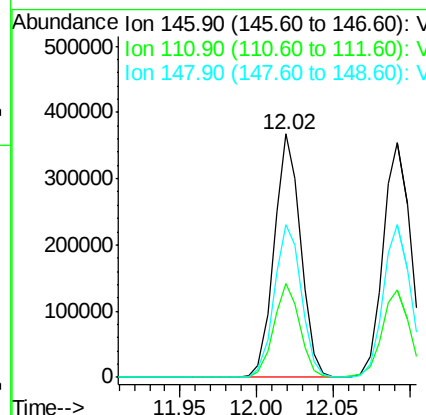
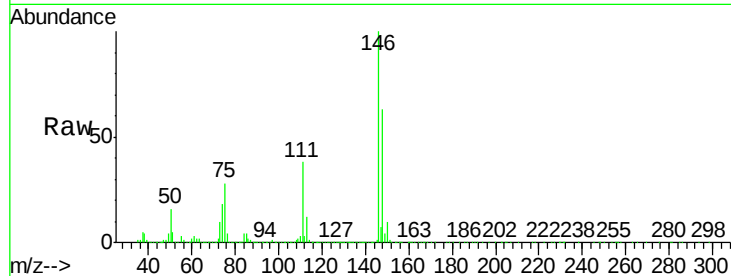
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	64.1	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 46.574 ug/l

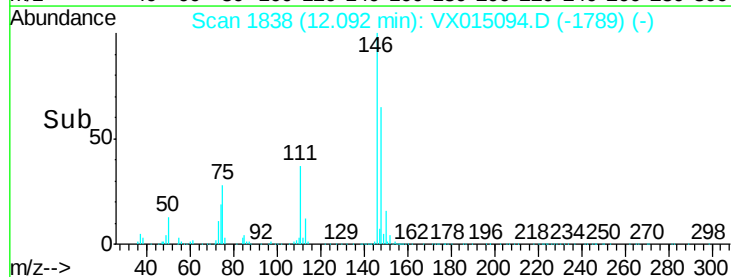
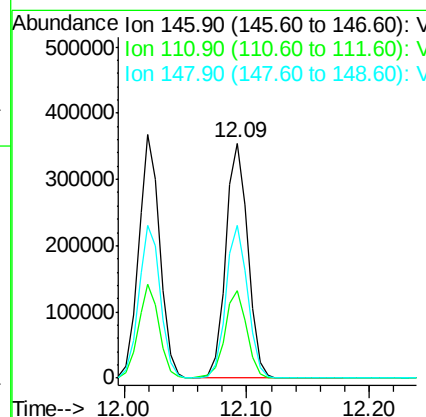
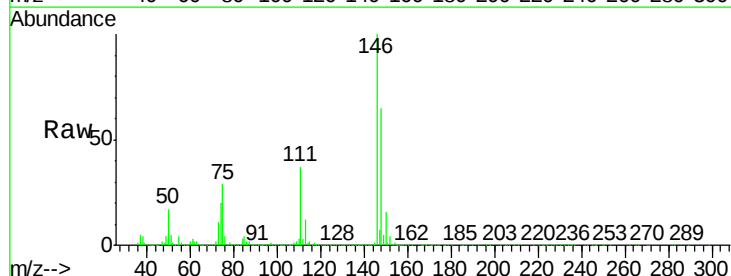
RT: 12.09 min Scan# 1838

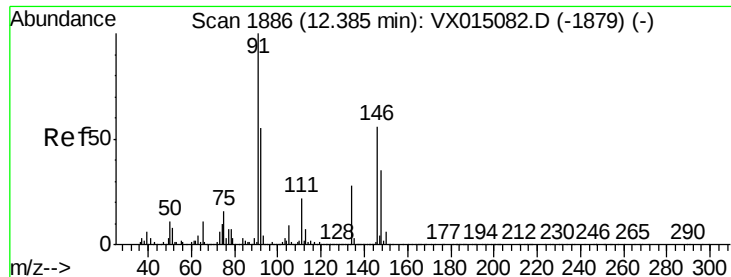
Delta R.T. -0.00 min

Lab File: VX015094.D

Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.1	32.5	97.4

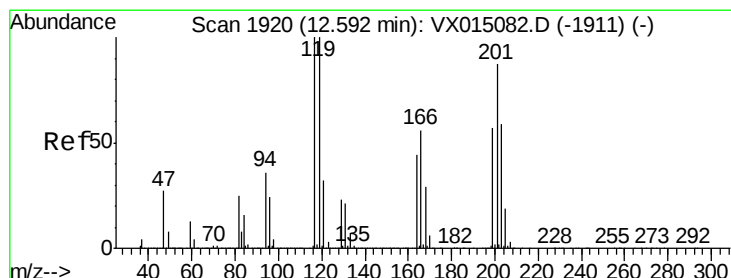
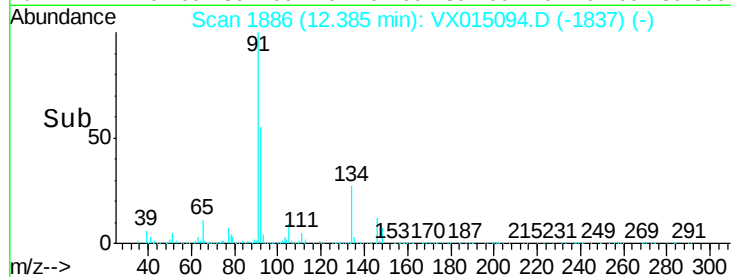
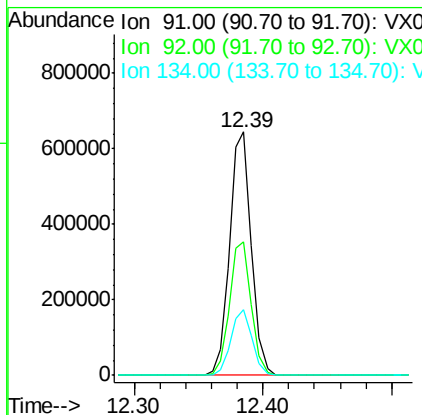
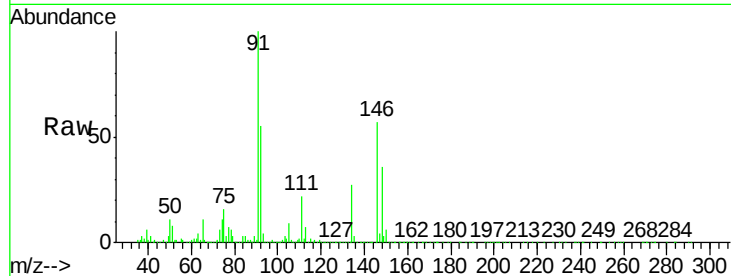




#89
n-Butylbenzene
Concen: 50.876 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

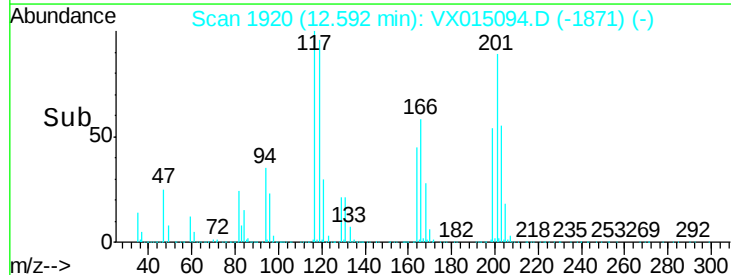
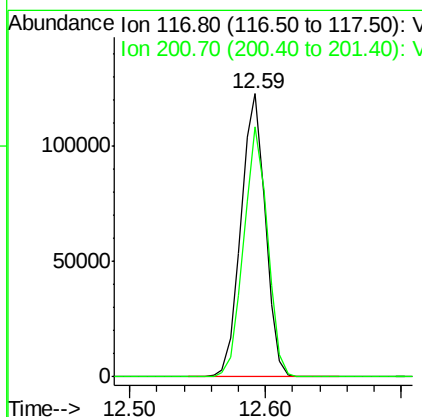
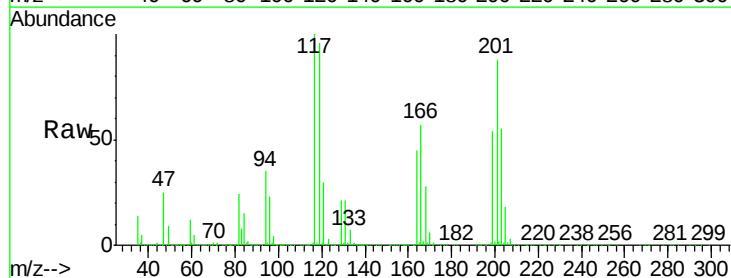
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

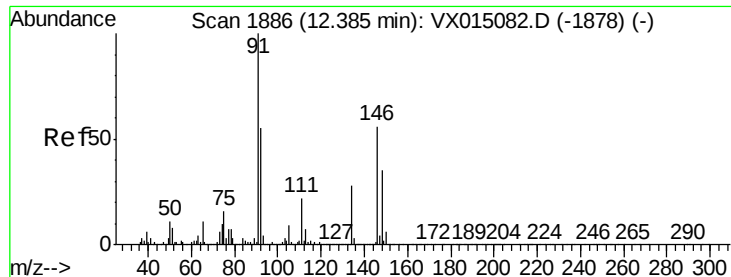
Tgt Ion: 91 Resp: 760595
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 26.5 13.5 40.5



#90
Hexachloroethane
Concen: 48.179 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion: 117 Resp: 153104
Ion Ratio Lower Upper
117 100
201 86.5 43.5 130.7

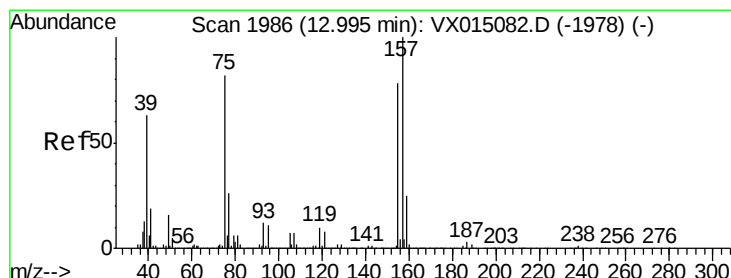
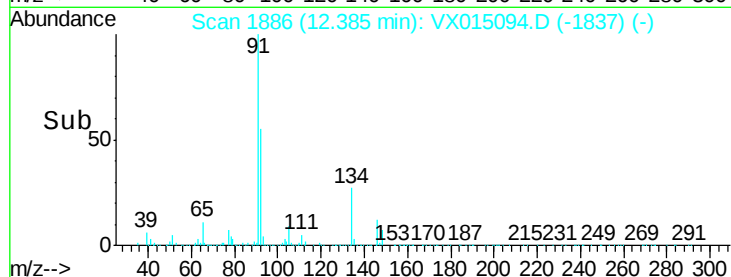
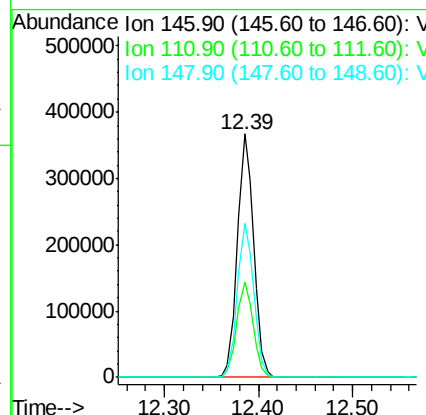
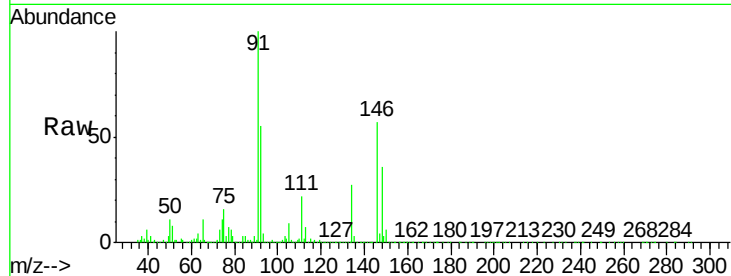




#91
 1,2-Dichlorobenzene
 Concen: 48.191 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

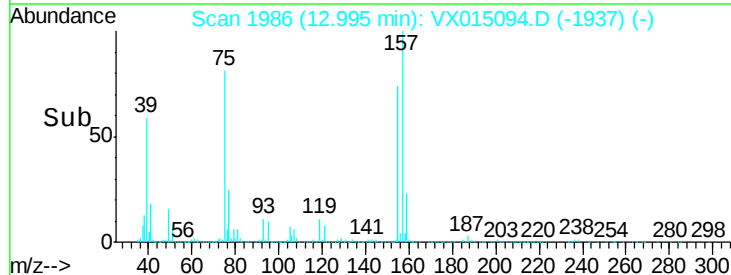
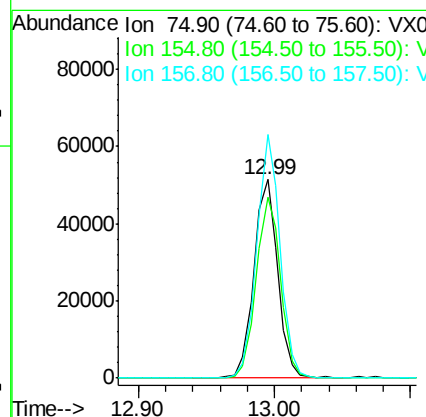
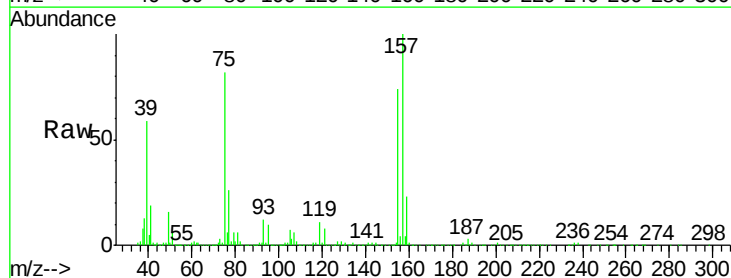
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

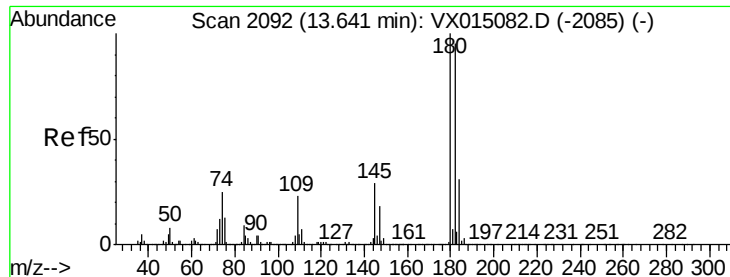
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	64.2	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.743 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.2	46.6	139.7
157	119.9	59.2	177.5

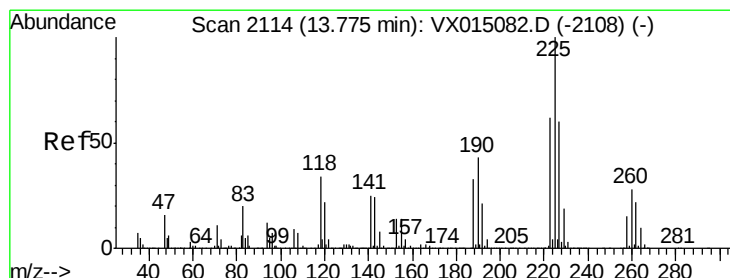
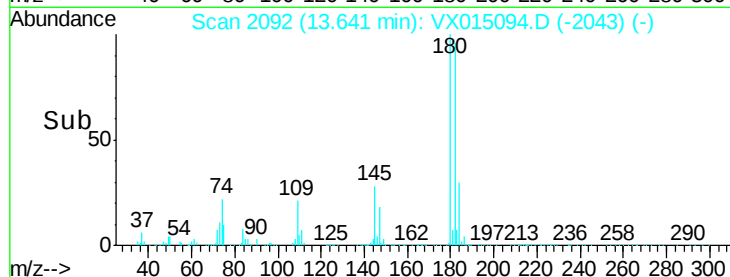
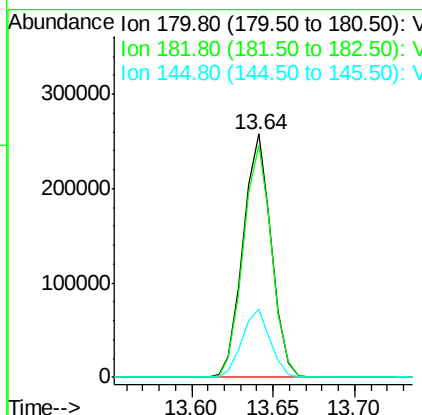
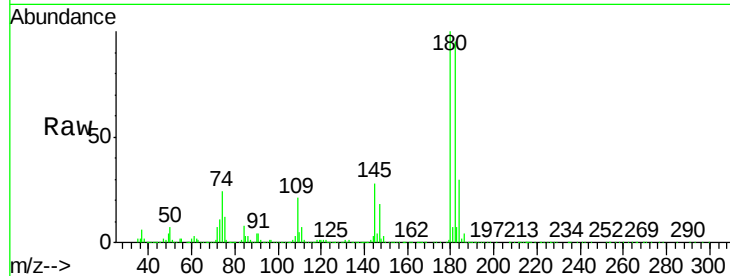




#93
 1,2,4-Trichlorobenzene
 Concen: 48.867 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

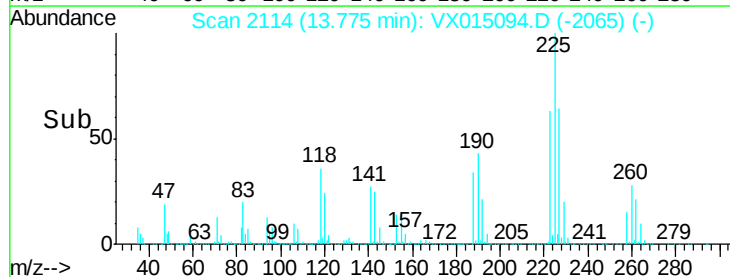
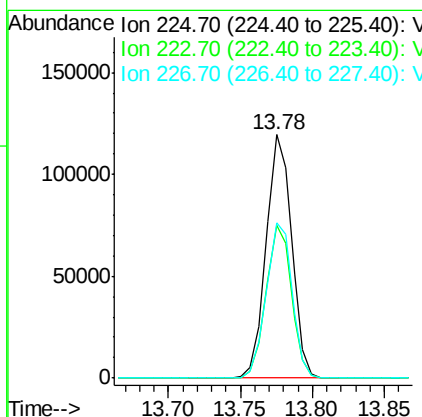
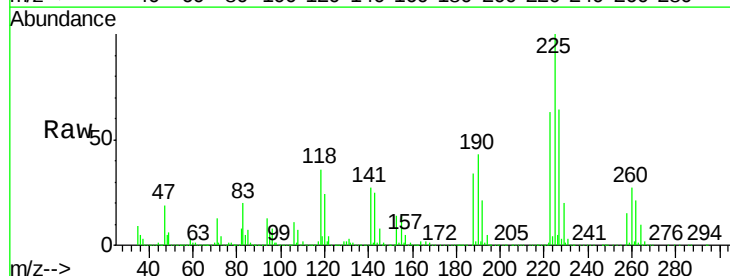
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

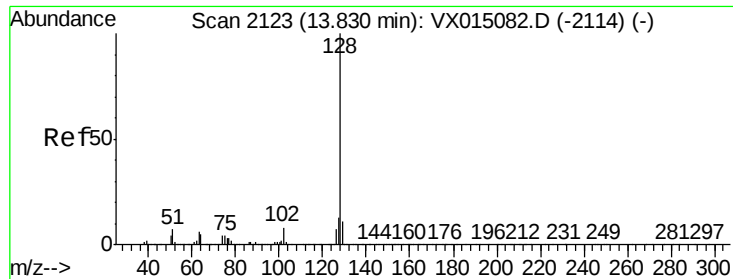
Tgt Ion:180 Resp: 310221
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.6 142.8
 145 28.0 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 44.877 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015094.D
 Acq: 04 Mar 2020 17:50

Tgt Ion:225 Resp: 146190
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 64.7 31.1 93.2

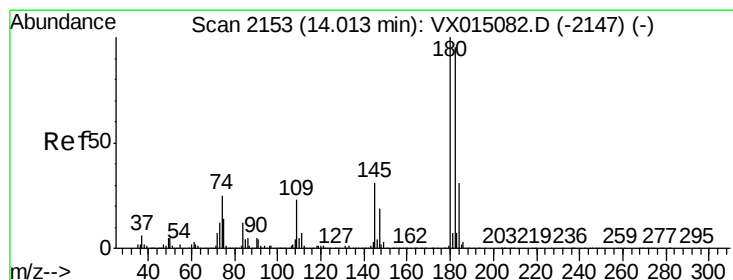
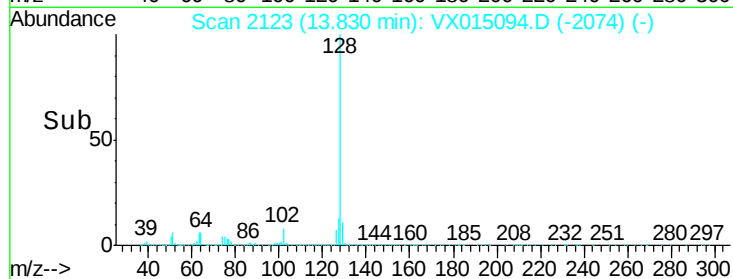
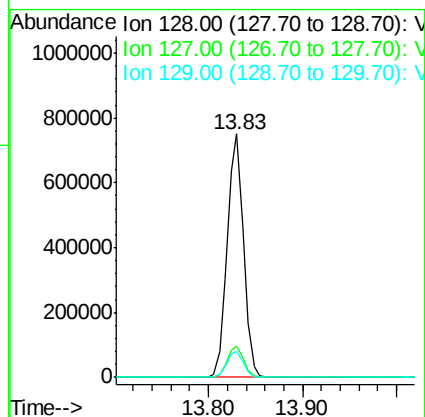
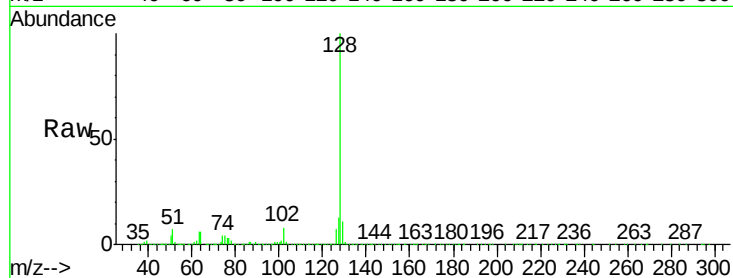




#95
Naphthalene
Concen: 46.298 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 898638
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.890 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015094.D
Acq: 04 Mar 2020 17:50

Tgt Ion:180 Resp: 315999
Ion Ratio Lower Upper
180 100
182 93.8 47.8 143.4
145 29.4 15.1 45.3

