

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011320\
 Data File : VX014594.D
 Acq On : 13 Jan 2020 18:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 14 13:08:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	474239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	712157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	645870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328615	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	265070	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	220431	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	8.71	98	844435	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	299851	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	279796	47.534	ug/l	99
3) Chloromethane	1.32	50	290978	48.134	ug/l	100
4) Vinyl Chloride	1.40	62	338549	50.259	ug/l	98
5) Bromomethane	1.63	94	201996	45.238	ug/l	99
6) Chloroethane	1.72	64	187643	51.150	ug/l	99
7) Trichlorofluoromethane	1.92	101	371953	48.677	ug/l	99
8) Diethyl Ether	2.18	74	164042	47.056	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218533	47.008	ug/l	99
10) Methyl Iodide	2.50	142	296270	53.223	ug/l	100
11) Tert butyl alcohol	3.03	59	286395	259.087	ug/l	99
12) 1,1-Dichloroethene	2.36	96	219346	46.831	ug/l	99
13) Acrolein	2.28	56	206217	232.748	ug/l	98
14) Allyl chloride	2.72	41	398744	48.490	ug/l	99
15) Acrylonitrile	3.13	53	684098	256.416	ug/l	99
16) Acetone	2.43	43	641074	241.363	ug/l	98
17) Carbon Disulfide	2.56	76	576544	44.115	ug/l	100
18) Methyl Acetate	2.76	43	412172	54.168	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	747116	49.689	ug/l	99
20) Methylene Chloride	2.85	84	260422	48.898	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	235872	46.128	ug/l	98
22) Diisopropyl ether	3.84	45	809312	50.927	ug/l	97
23) Vinyl Acetate	3.80	43	3214523	261.265	ug/l	100
24) 1,1-Dichloroethane	3.69	63	434511	50.261	ug/l	99
25) 2-Butanone	4.65	43	975058	246.564	ug/l	99
26) 2,2-Dichloropropane	4.58	77	336445	45.941	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	272720	47.710	ug/l	99
28) Bromochloromethane	5.01	49	174841	47.997	ug/l	97
29) Tetrahydrofuran	5.11	42	618714	264.623	ug/l	98
30) Chloroform	5.20	83	421279	49.869	ug/l	97
31) Cyclohexane	5.57	56	398782	49.282	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	355316	49.138	ug/l	100
36) 1,1-Dichloropropene	5.79	75	317563	47.417	ug/l	99
37) Ethyl Acetate	4.82	43	370093	50.875	ug/l	99
38) Carbon Tetrachloride	5.78	117	303698	49.278	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	405029	48.138	ug/l	98
40) Benzene	6.13	78	989412	49.776	ug/l	98
41) Methacrylonitrile	5.03	41	205998	53.102	ug/l	98
42) 1,2-Dichloroethane	6.18	62	339804	48.894	ug/l	100
43) Isopropyl Acetate	6.43	43	608279	51.762	ug/l	99
44) Trichloroethene	7.21	130	270992	47.441	ug/l	99
45) 1,2-Dichloropropane	7.51	63	256608	50.636	ug/l	99
46) Dibromomethane	7.65	93	165761	46.864	ug/l	99
47) Bromodichloromethane	7.89	83	327316	50.857	ug/l	100
48) Methyl methacrylate	7.76	41	299310	53.179	ug/l	99
49) 1,4-Dioxane	7.73	88	124854	1046.917	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1894467	264.553	ug/l	99
52) Toluene	8.78	92	621428	48.838	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367192	49.005	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	406285	50.195	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	255425	49.977	ug/l	99
56) Ethyl methacrylate	9.17	69	406955	51.974	ug/l	99
57) 1,3-Dichloropropane	9.37	76	424340	49.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	701509	263.326	ug/l	99
59) 2-Hexanone	9.48	43	1458494	257.407	ug/l	99
60) Dibromochloromethane	9.57	129	266882	51.953	ug/l	99
61) 1,2-Dibromoethane	9.67	107	265743	49.086	ug/l	99
64) Tetrachloroethene	9.33	164	281012	43.413	ug/l	99
65) Chlorobenzene	10.14	112	666929	47.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	251316	50.242	ug/l	99
67) Ethyl Benzene	10.25	91	1175348	49.198	ug/l	99
68) m/p-Xylenes	10.35	106	902871	97.960	ug/l	99
69) o-Xylene	10.70	106	439372	49.963	ug/l	100
70) Styrene	10.71	104	757998	49.947	ug/l	99
71) Bromoform	10.85	173	206035	50.344	ug/l #	100
73) Isopropylbenzene	11.01	105	1160177	50.277	ug/l	100
74) N-amyl acetate	10.89	43	542978	53.334	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	389696	52.659	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	451343	66.383	ug/l	83
77) Bromobenzene	11.25	156	302463	47.264	ug/l	99
78) n-propylbenzene	11.35	91	1325060	50.139	ug/l	99
79) 2-Chlorotoluene	11.42	91	774901	49.198	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	962713	50.250	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	132489	51.518	ug/l	99
82) 4-Chlorotoluene	11.51	91	891679	48.229	ug/l	99
83) tert-Butylbenzene	11.76	119	925794	51.143	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	972270	50.223	ug/l	100
85) sec-Butylbenzene	11.94	105	1107404	49.210	ug/l	100
86) p-Isopropyltoluene	12.06	119	1043423	49.967	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	533882	46.486	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	534437	49.527	ug/l	99
89) n-Butylbenzene	12.39	91	896148	46.935	ug/l	100
90) Hexachloroethane	12.59	117	183856	50.123	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	538495	47.857	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84303	50.644	ug/l	98

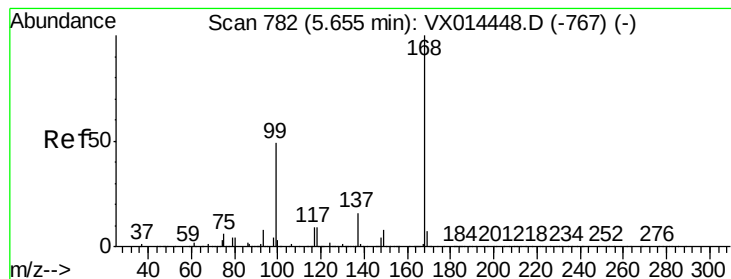
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011320\
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QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	368412	46.643	ug/l	100
94) Hexachlorobutadiene	13.78	225	179123	48.430	ug/l	99
95) Naphthalene	13.83	128	1122604	45.798	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	363546	46.889	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

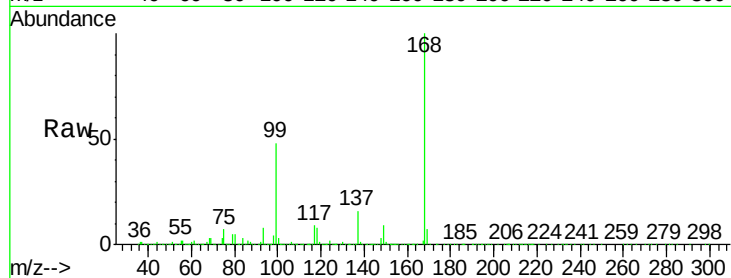
VSTDCCC050EC

Tgt Ion:168 Resp: 474239

Ion Ratio Lower Upper

168 100

99 47.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

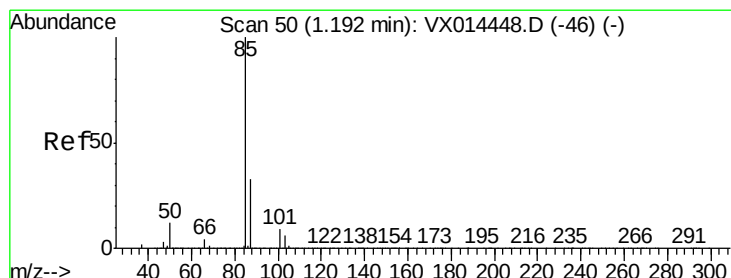
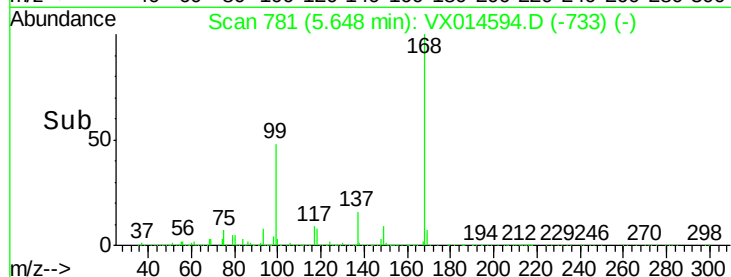
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.534 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014594.D

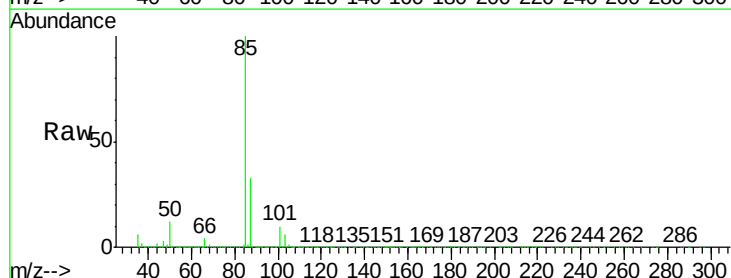
Acq: 13 Jan 2020 18:04

Tgt Ion: 85 Resp: 279796

Ion Ratio Lower Upper

85 100

87 32.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

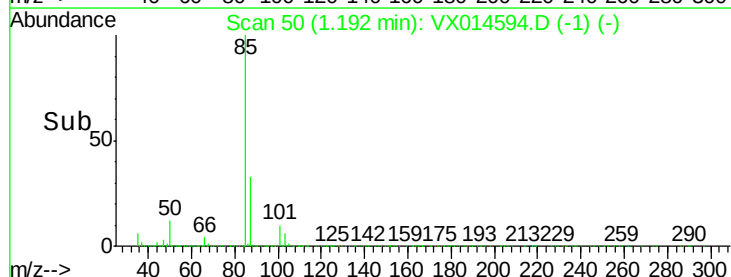
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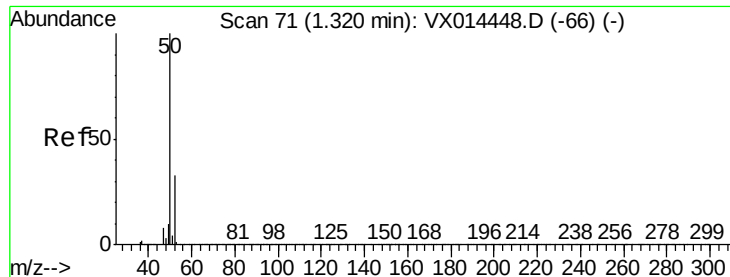
200000

100000

0

Time-->





#3

Chloromethane

Concen: 48.134 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

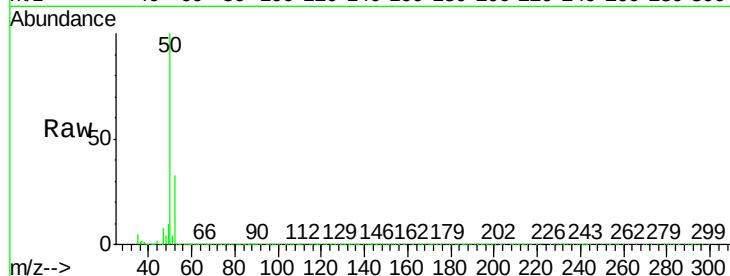
VSTDCCC050EC

Tgt Ion: 50 Resp: 290978

Ion Ratio Lower Upper

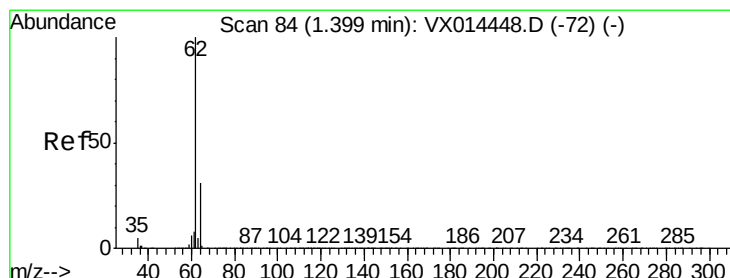
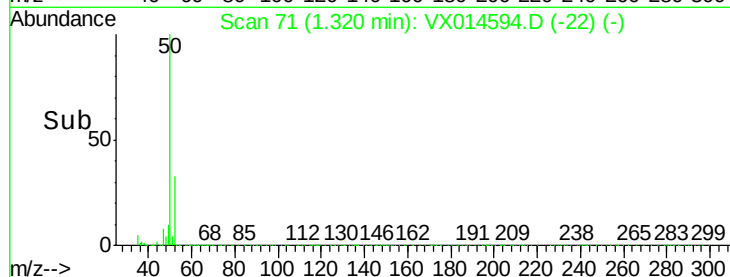
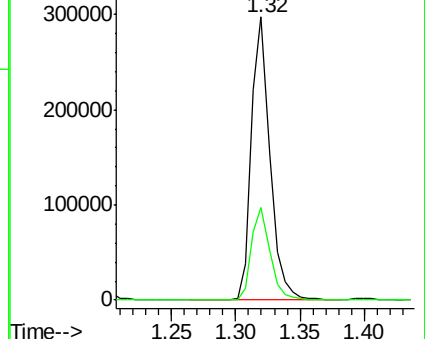
50 100

52 32.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.259 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014594.D

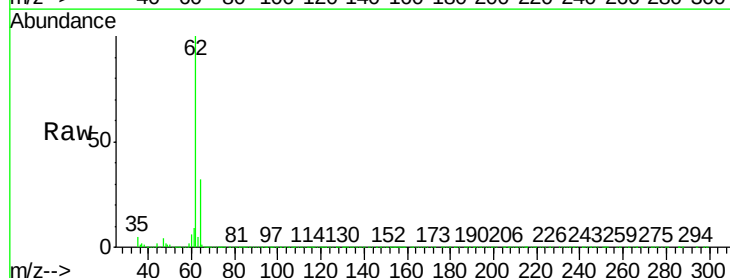
Acq: 13 Jan 2020 18:04

Tgt Ion: 62 Resp: 338549

Ion Ratio Lower Upper

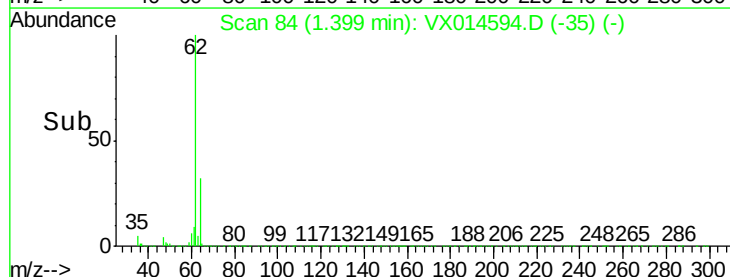
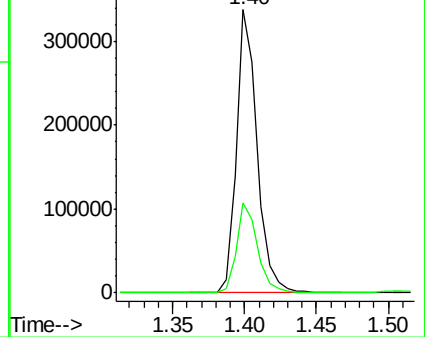
62 100

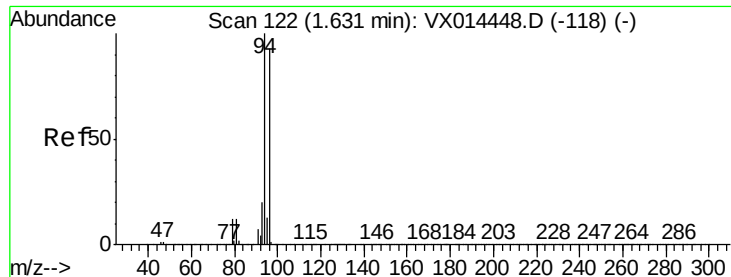
64 32.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.238 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

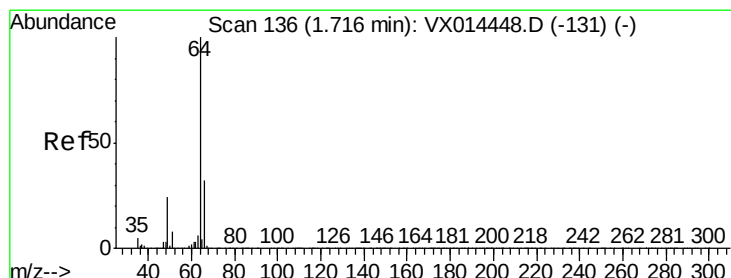
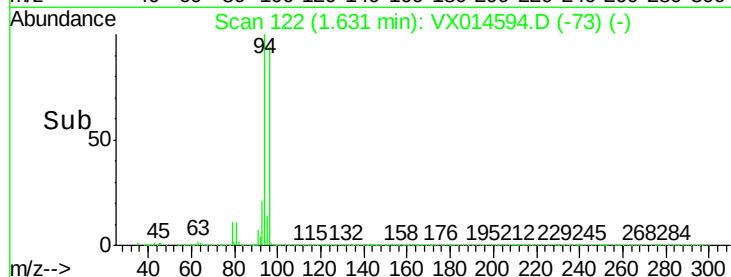
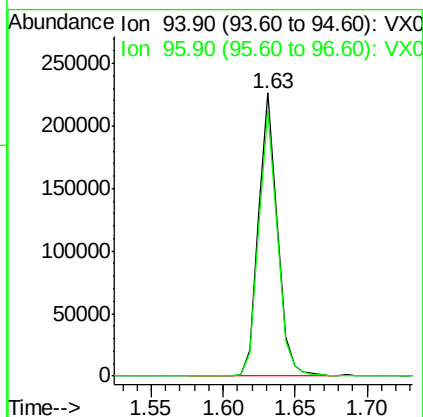
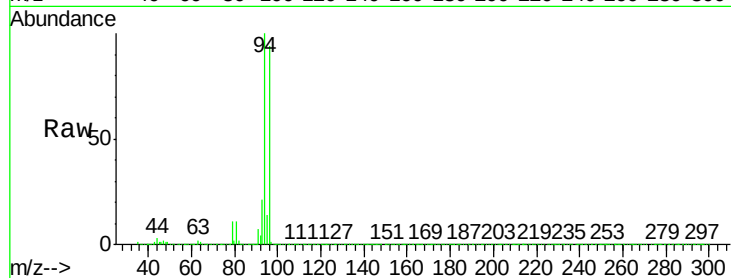
VSTDCCC050EC

Tgt Ion: 94 Resp: 201996

Ion Ratio Lower Upper

94 100

96 93.7 74.2 111.2



#6

Chloroethane

Concen: 51.150 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014594.D

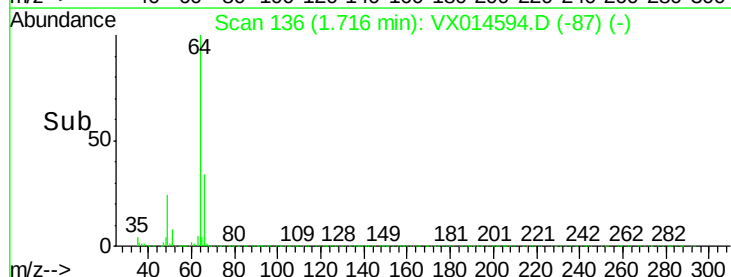
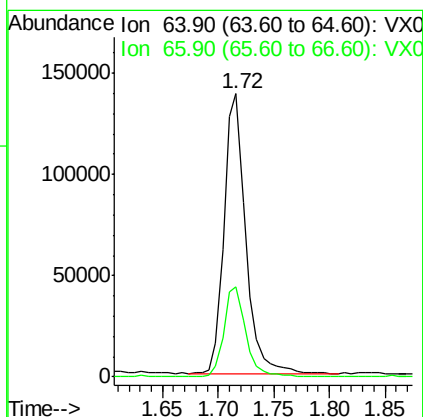
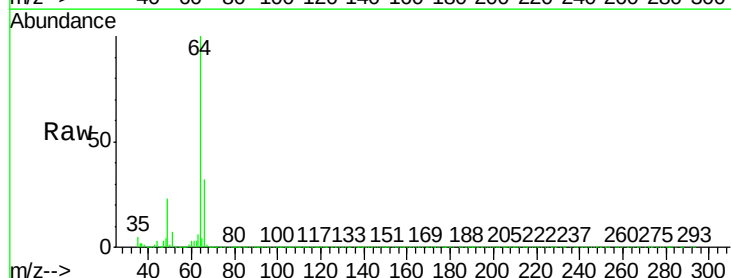
Acq: 13 Jan 2020 18:04

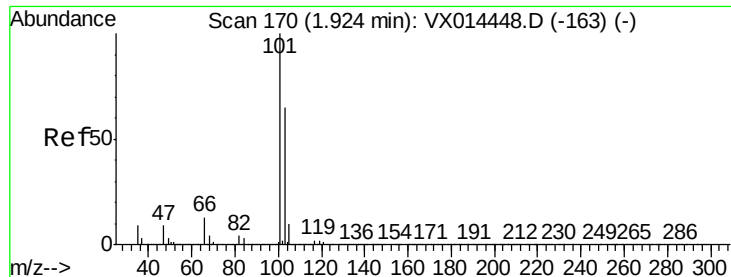
Tgt Ion: 64 Resp: 187643

Ion Ratio Lower Upper

64 100

66 31.9 25.3 37.9



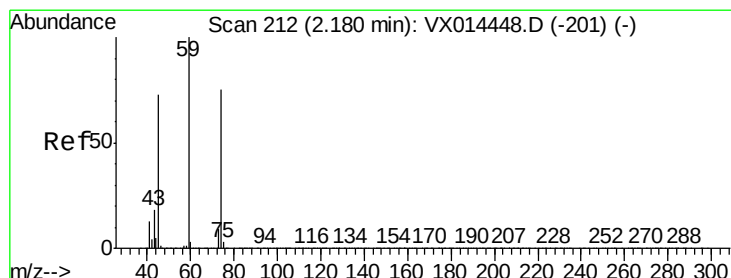
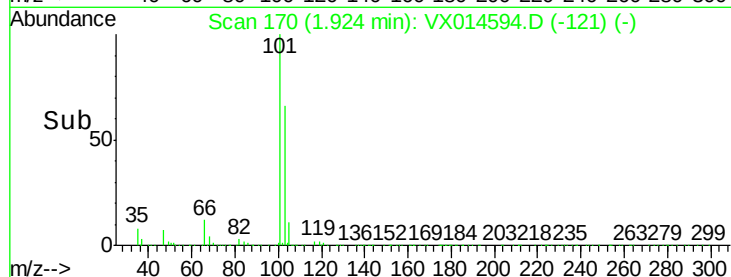
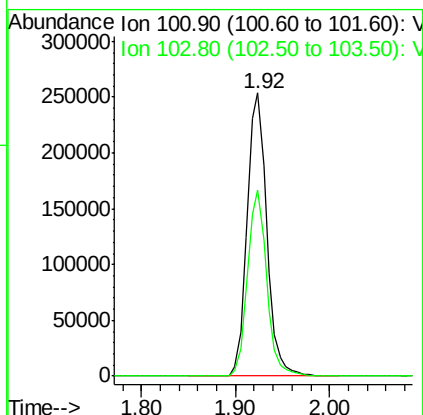
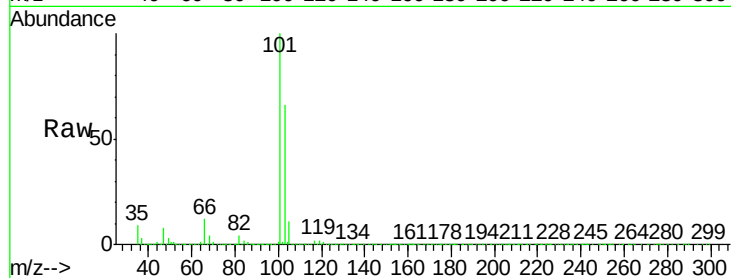


#7

Trichlorofluoromethane
Concen: 48.677 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
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VSTDCCC050EC

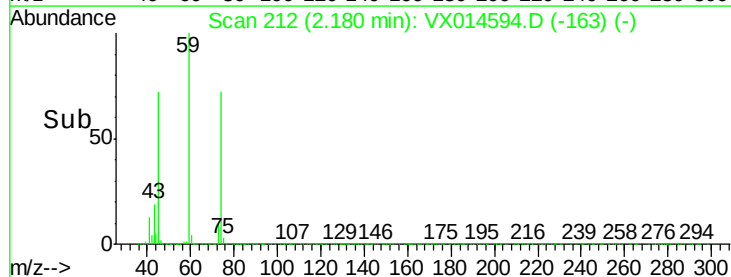
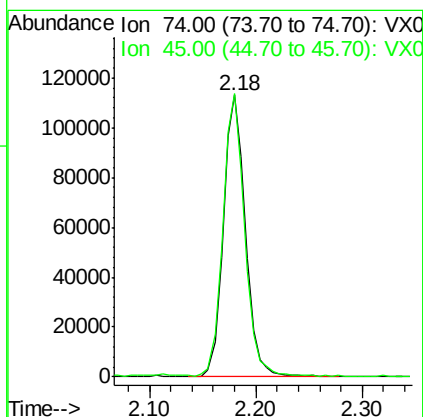
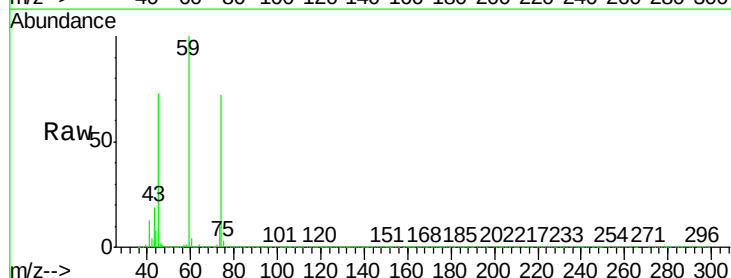
Tgt Ion:101 Resp: 371953
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

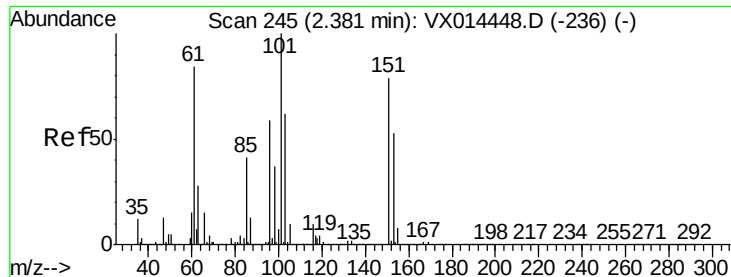


#8

Diethyl Ether
Concen: 47.056 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 74 Resp: 164042
Ion Ratio Lower Upper
74 100
45 98.0 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.008 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

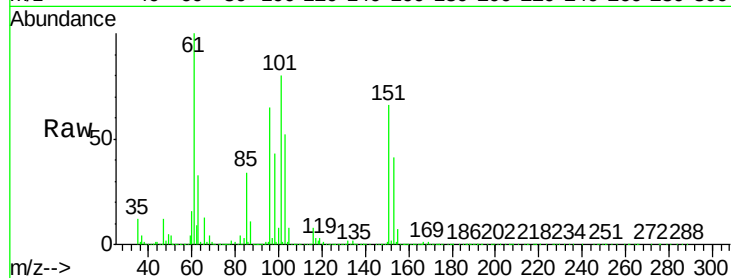
Tgt Ion:101 Resp: 218533

Ion Ratio Lower Upper

101 100

85 41.6 33.8 50.8

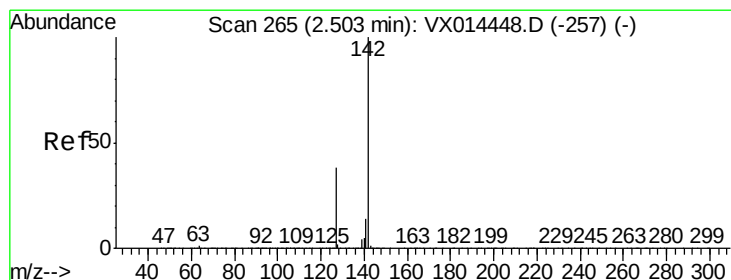
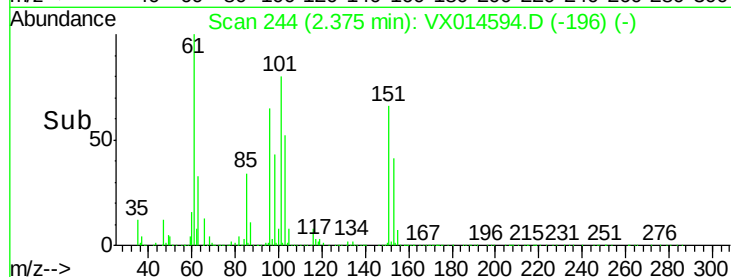
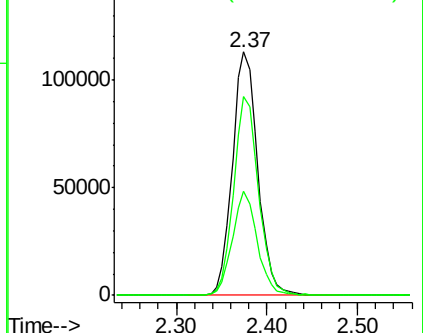
151 81.0 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.223 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

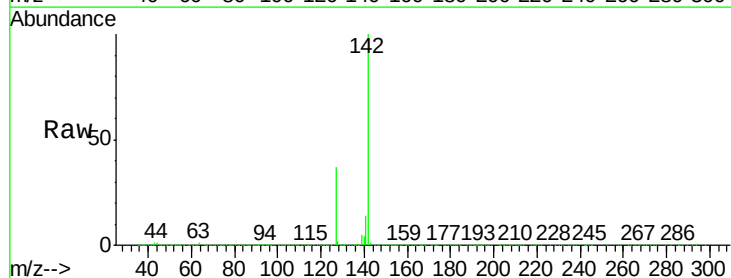
Tgt Ion:142 Resp: 296270

Ion Ratio Lower Upper

142 100

127 38.7 31.2 46.8

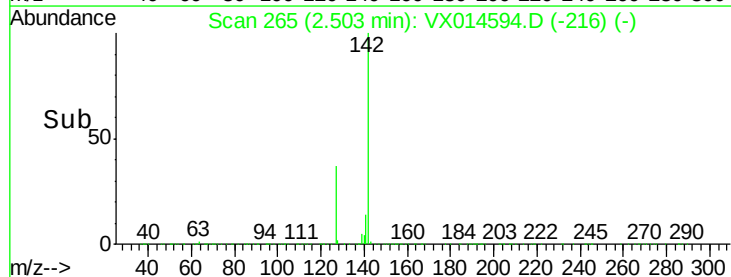
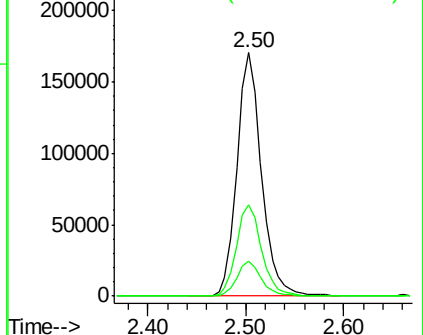
141 14.4 11.4 17.2

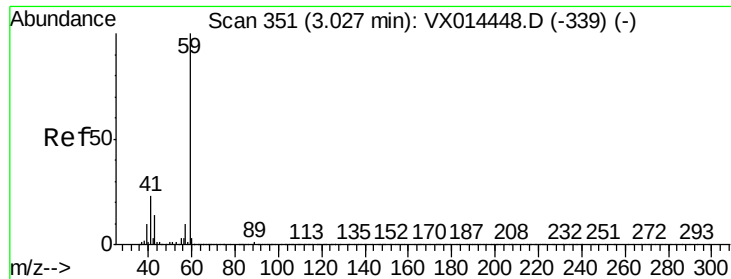


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



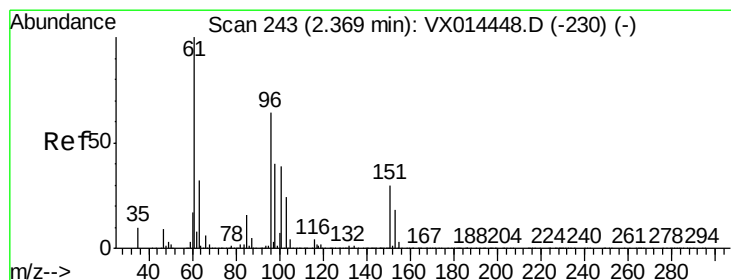
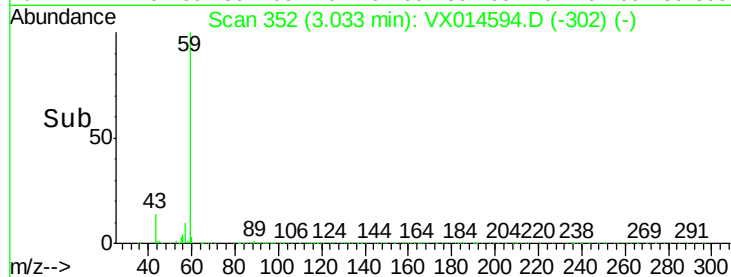
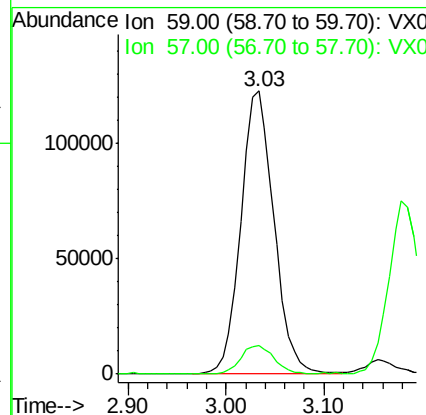
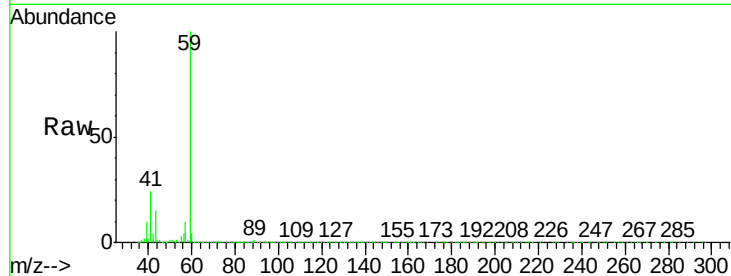


#11

Tert butyl alcohol
 Concen: 259.087 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

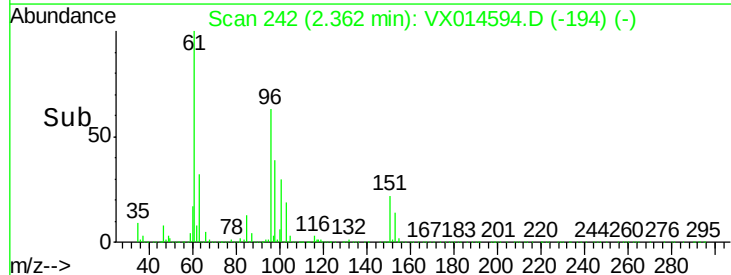
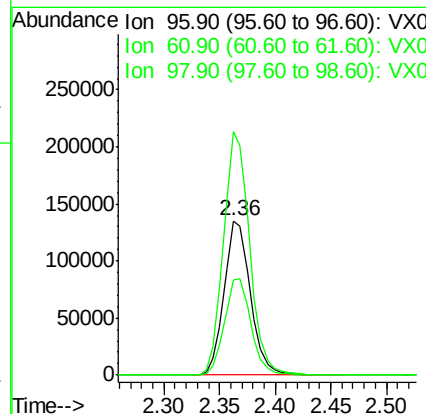
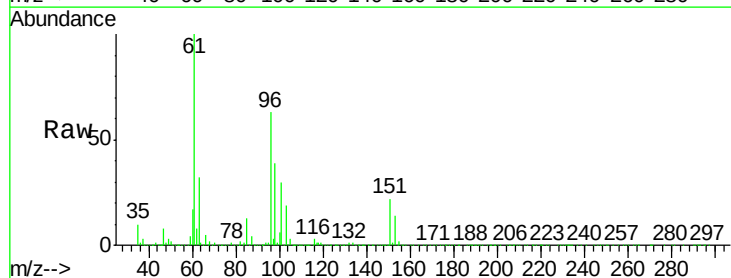
Tgt Ion: 59 Resp: 286395
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

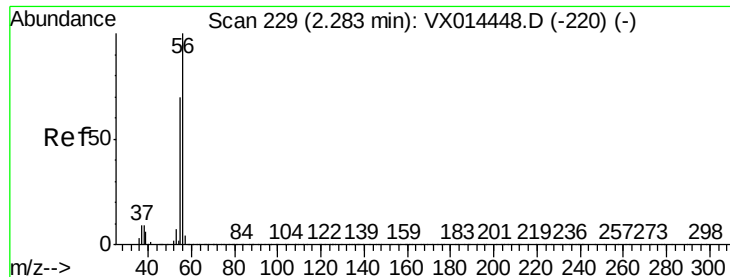


#12

1,1-Dichloroethene
 Concen: 46.831 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion: 96 Resp: 219346
 Ion Ratio Lower Upper
 96 100
 61 158.1 125.0 187.6
 98 61.4 50.2 75.2





#13

Acrolein

Concen: 232.748 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

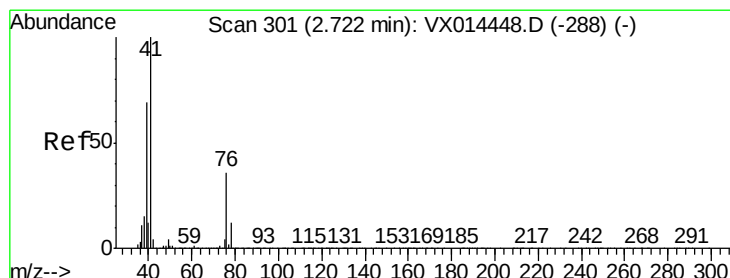
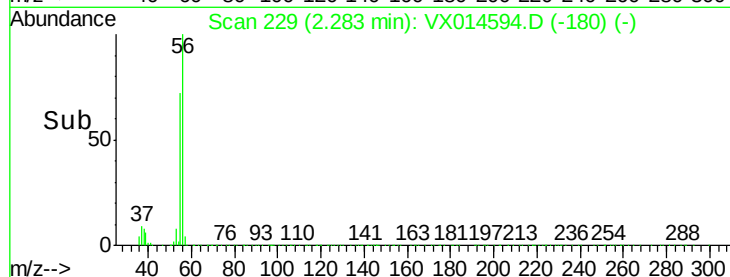
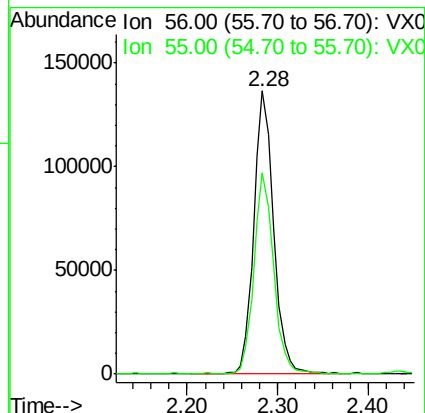
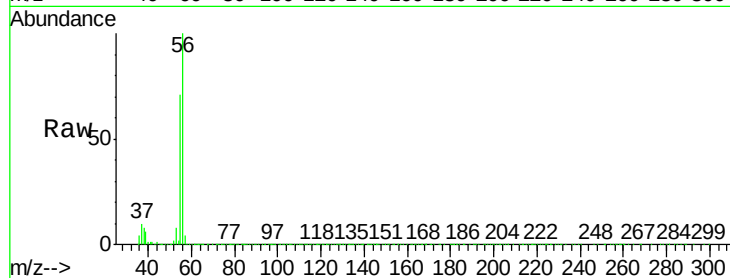
VSTDCCC050EC

Tgt Ion: 56 Resp: 206217

Ion Ratio Lower Upper

56 100

55 70.5 55.0 82.6



#14

Allyl chloride

Concen: 48.490 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

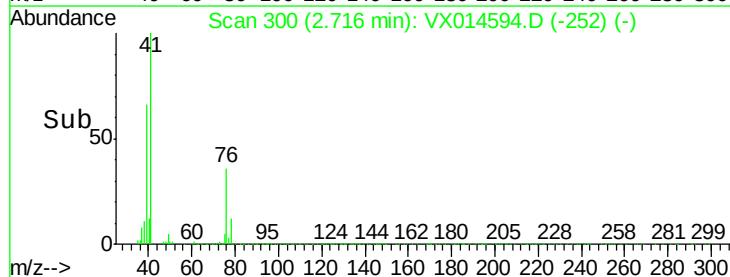
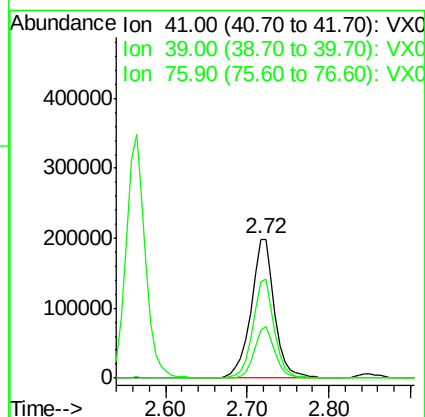
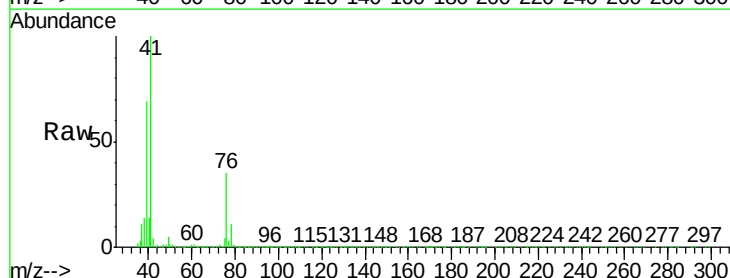
Tgt Ion: 41 Resp: 398744

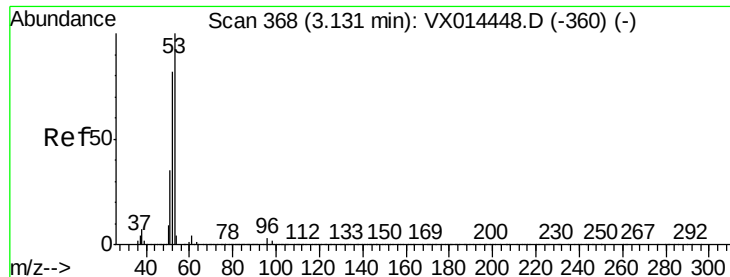
Ion Ratio Lower Upper

41 100

39 65.0 51.7 77.5

76 32.6 26.8 40.2





#15

Acrylonitrile

Concen: 256.416 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

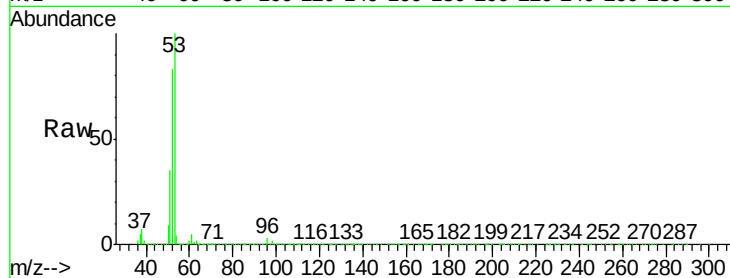
Tgt Ion: 53 Resp: 684098

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

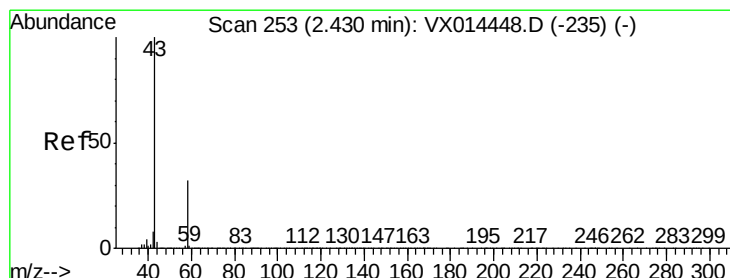
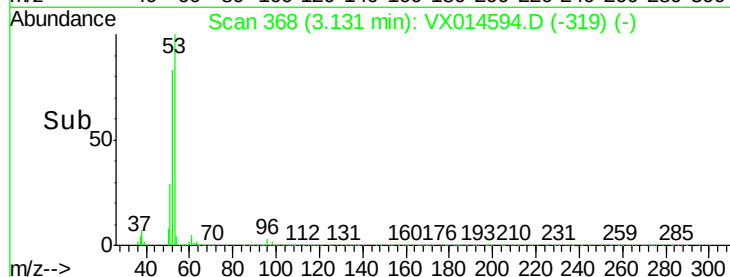
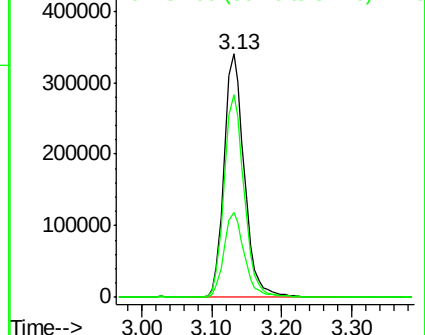
51 35.1 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.363 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014594.D

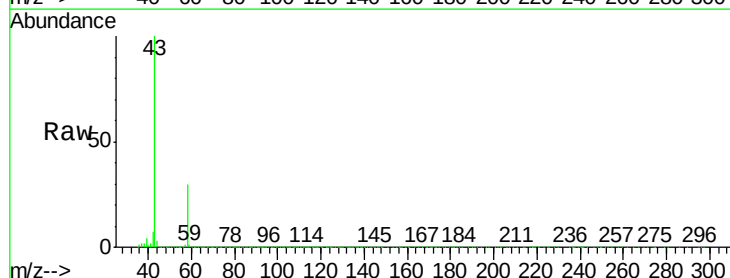
Acq: 13 Jan 2020 18:04

Tgt Ion: 43 Resp: 641074

Ion Ratio Lower Upper

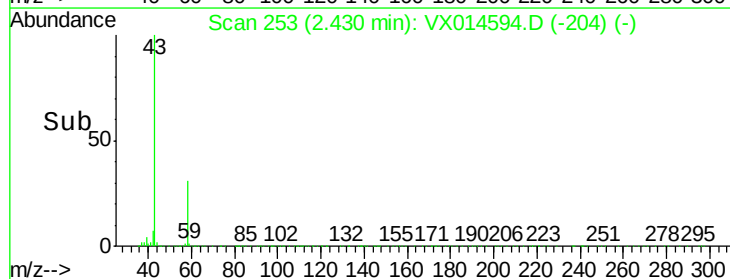
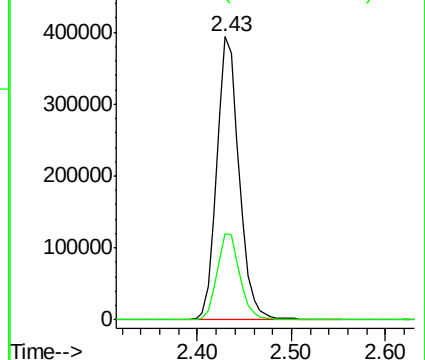
43 100

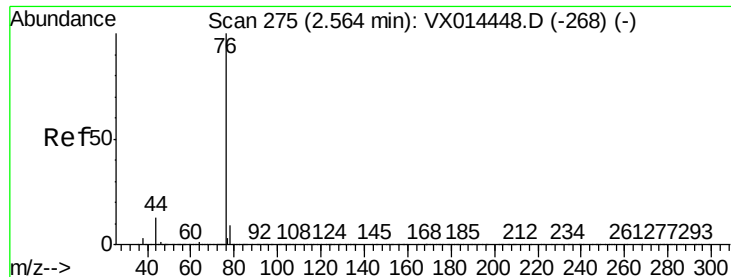
58 30.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.115 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

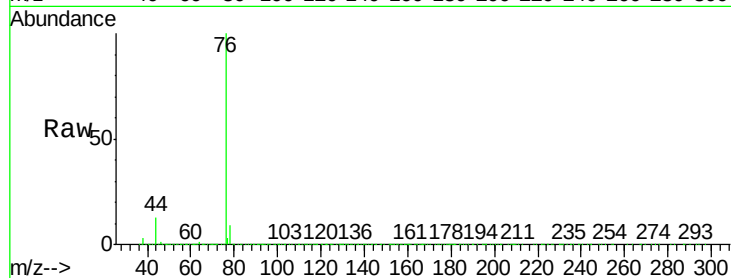
VSTDCCC050EC

Tgt Ion: 76 Resp: 576544

Ion Ratio Lower Upper

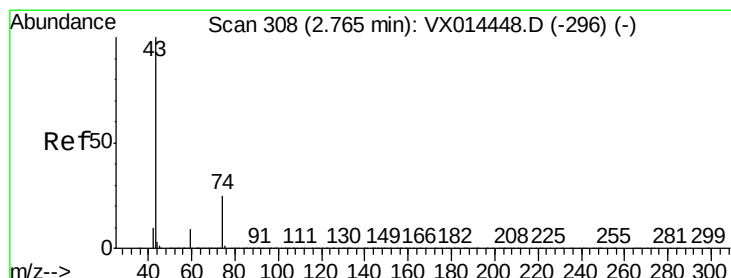
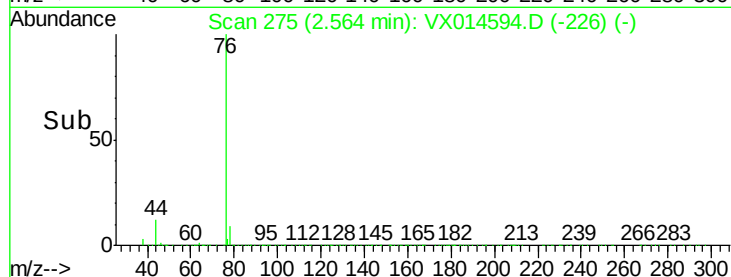
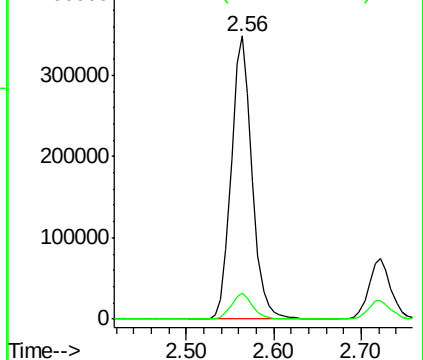
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.168 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014594.D

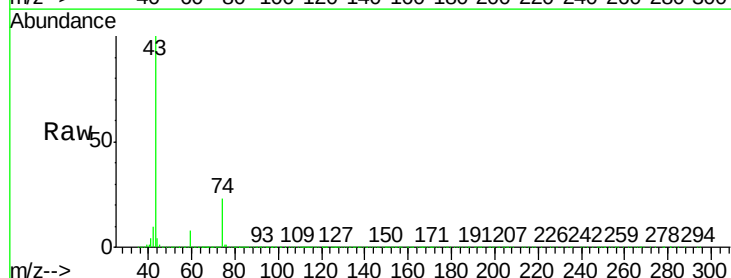
Acq: 13 Jan 2020 18:04

Tgt Ion: 43 Resp: 412172

Ion Ratio Lower Upper

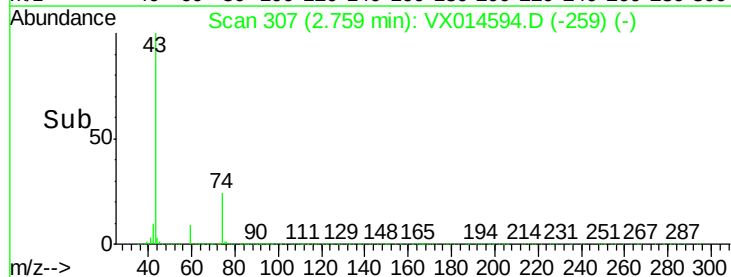
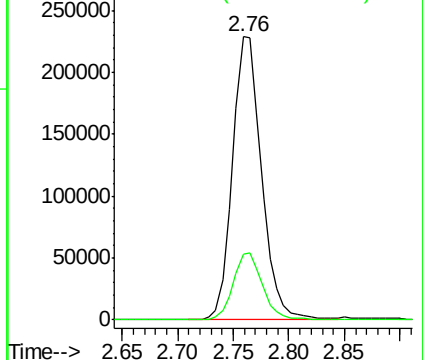
43 100

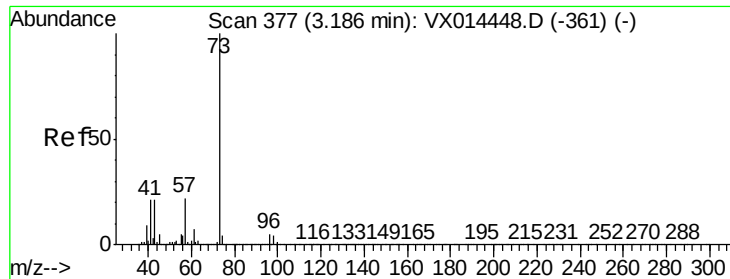
74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 49.689 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

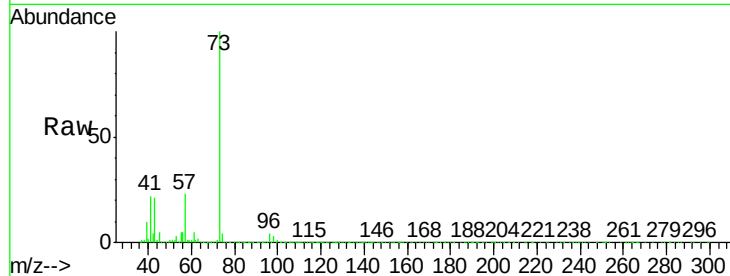
VSTDCCC050EC

Tgt Ion: 73 Resp: 747116

Ion Ratio Lower Upper

73 100

57 22.6 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

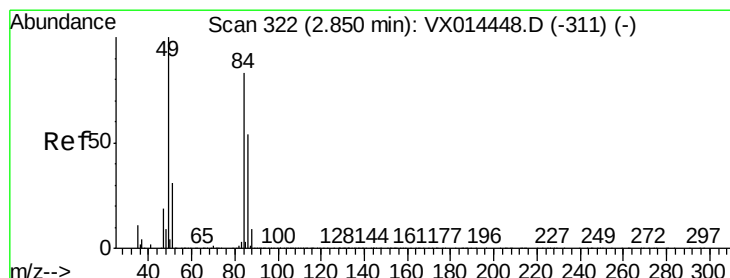
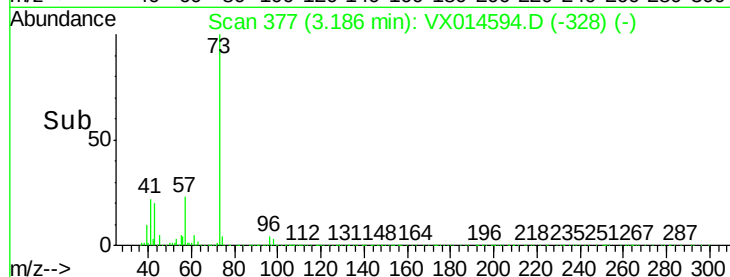
300000

200000

100000

0

Time--> 3.00 3.10 3.20 3.30



#20

Methylene Chloride

Concen: 48.898 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion: 84 Resp: 260422

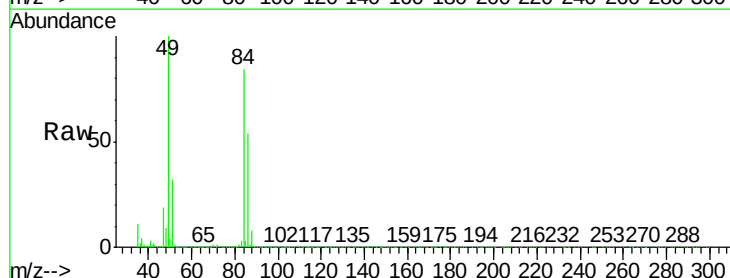
Ion Ratio Lower Upper

84 100

49 118.9 95.8 143.8

51 37.4 30.2 45.4

86 64.0 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

250000

200000

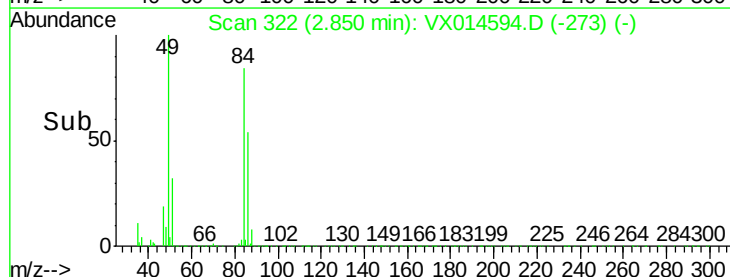
150000

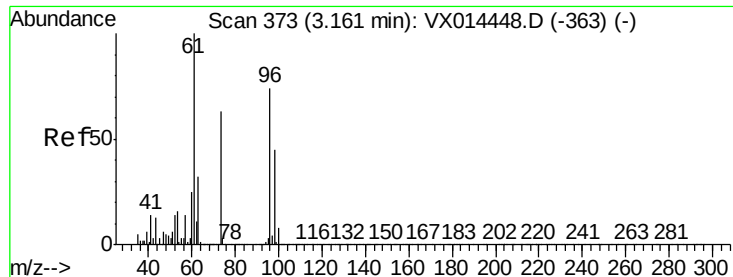
100000

50000

0

Time--> 2.70 2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 46.128 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

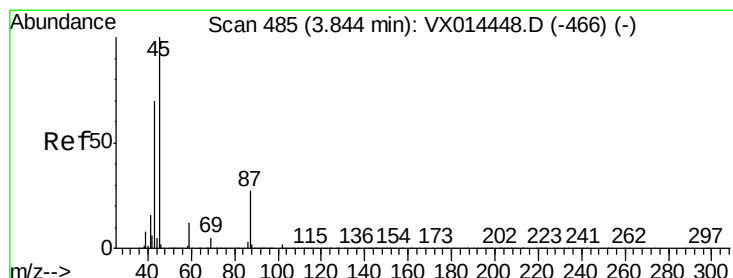
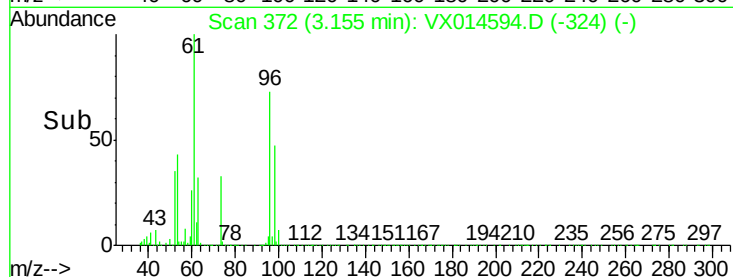
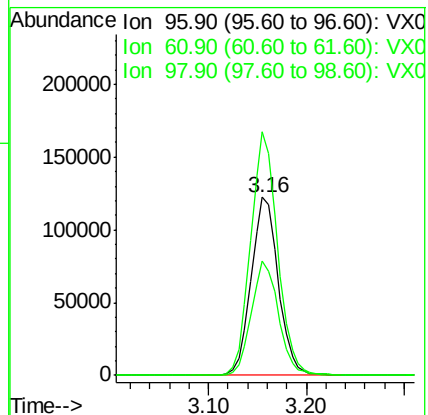
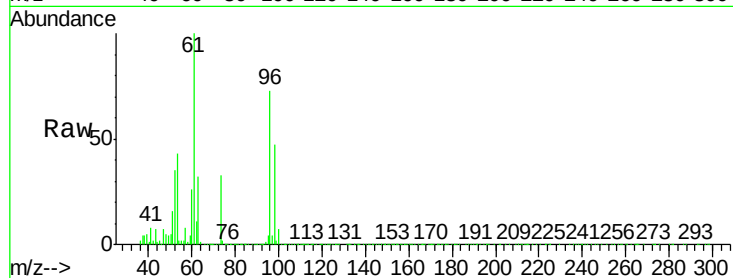
Tgt Ion: 96 Resp: 235872

Ion Ratio Lower Upper

96 100

61 136.6 108.2 162.4

98 64.5 48.8 73.2



#22

Diisopropyl ether

Concen: 50.927 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion: 45 Resp: 809312

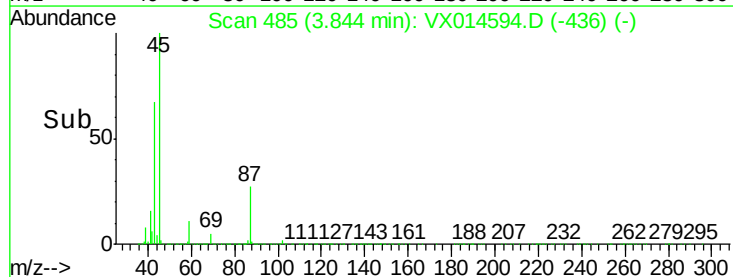
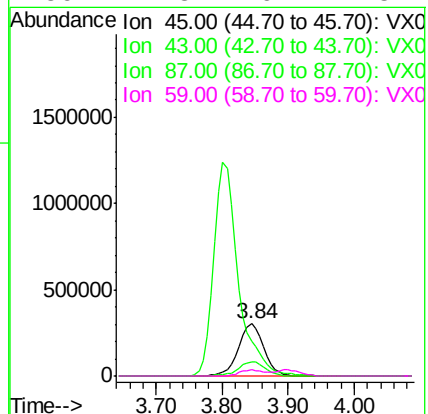
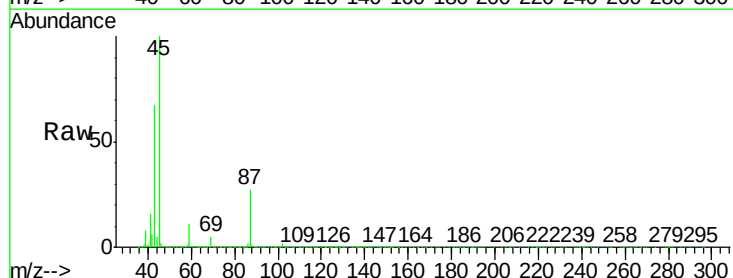
Ion Ratio Lower Upper

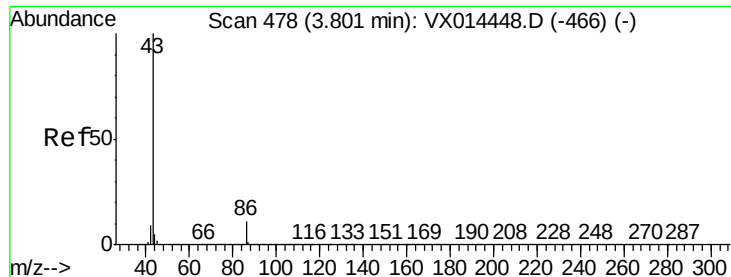
45 100

43 66.6 55.8 83.6

87 26.8 21.8 32.8

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 261.265 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

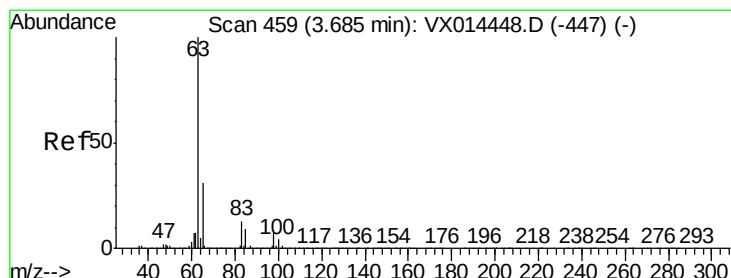
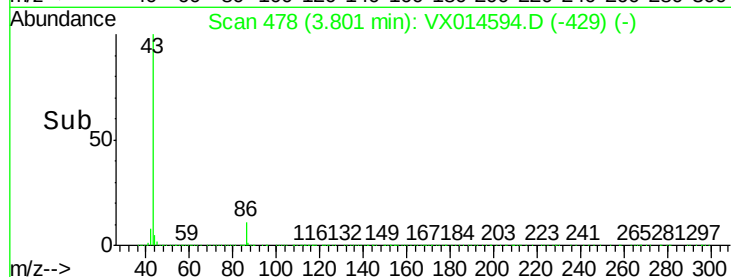
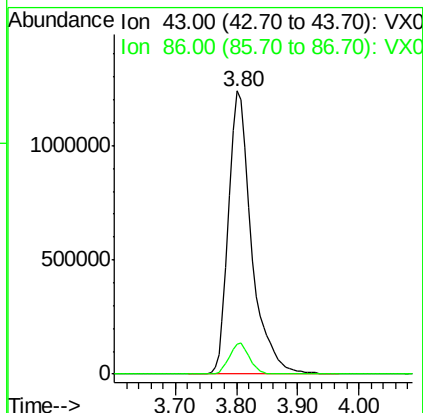
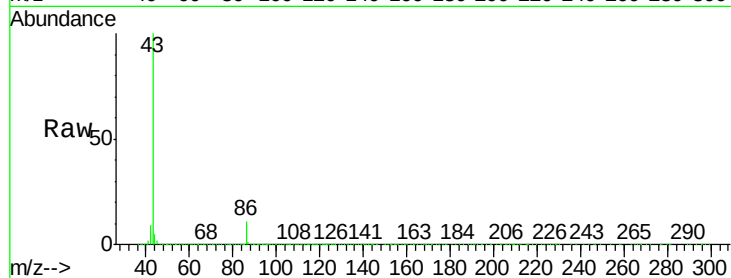
VSTDCCC050EC

Tgt Ion: 43 Resp: 3214523

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6



#24

1,1-Dichloroethane

Concen: 50.261 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

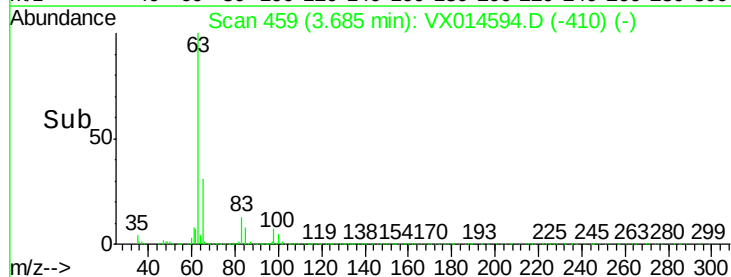
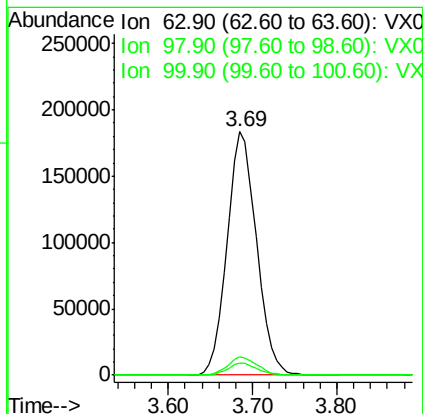
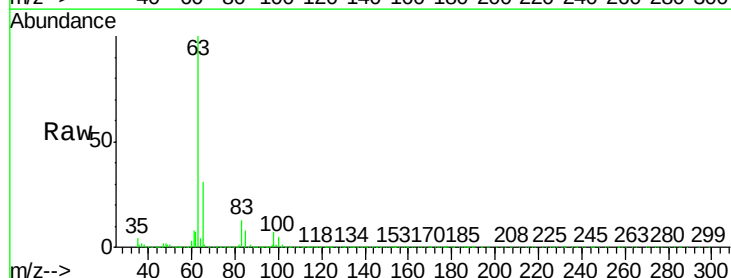
Tgt Ion: 63 Resp: 434511

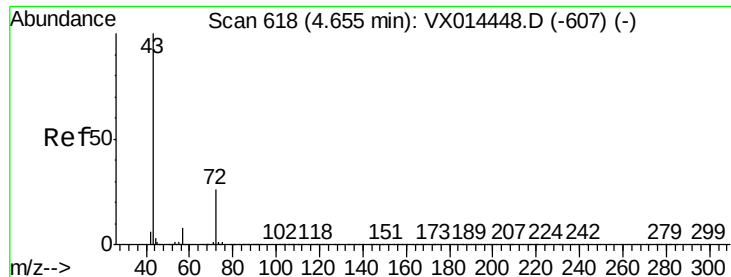
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.0 2.3 6.8





#25

2-Butanone

Concen: 246.564 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

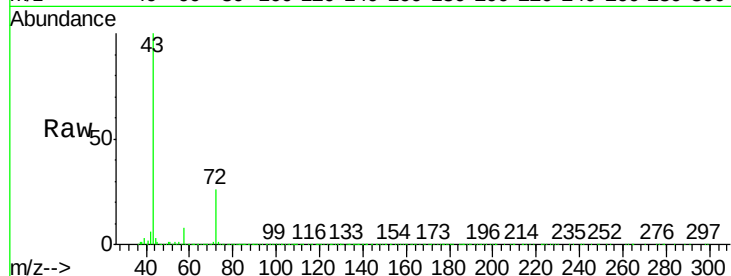
VSTDCCC050EC

Tgt Ion: 43 Resp: 975058

Ion Ratio Lower Upper

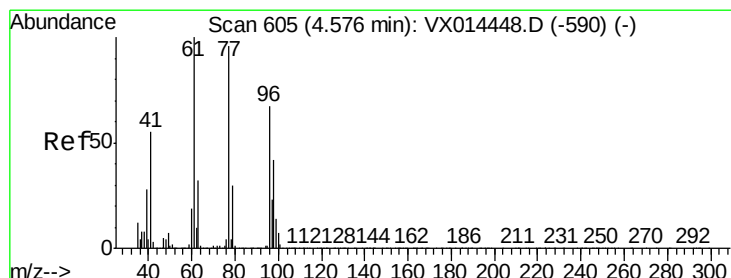
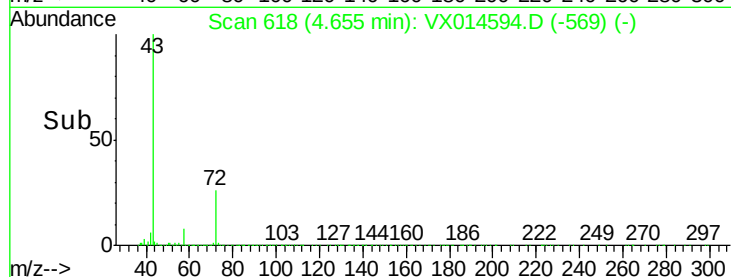
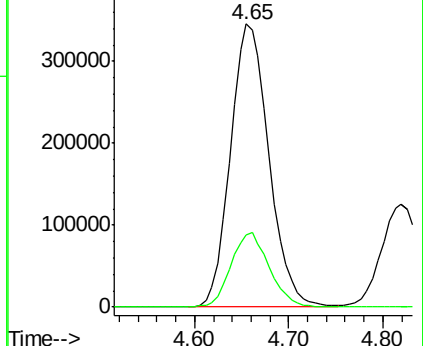
43 100

72 25.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.941 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014594.D

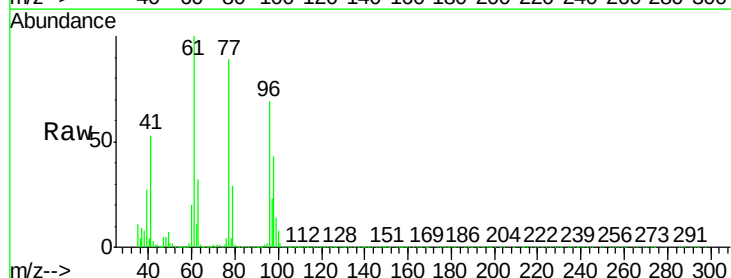
Acq: 13 Jan 2020 18:04

Tgt Ion: 77 Resp: 336445

Ion Ratio Lower Upper

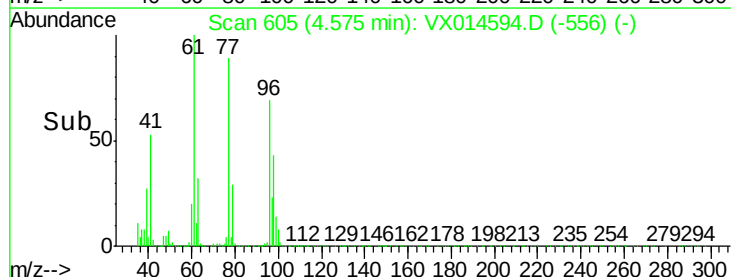
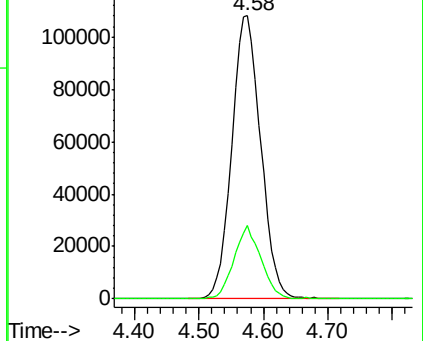
77 100

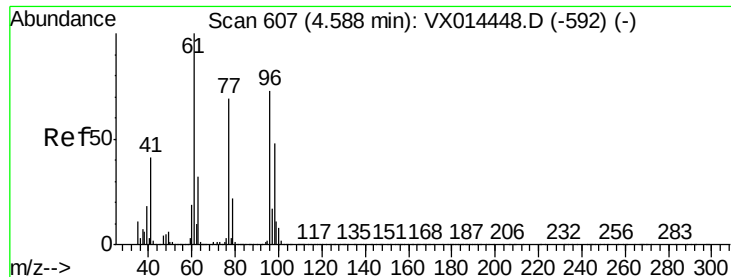
97 24.0 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



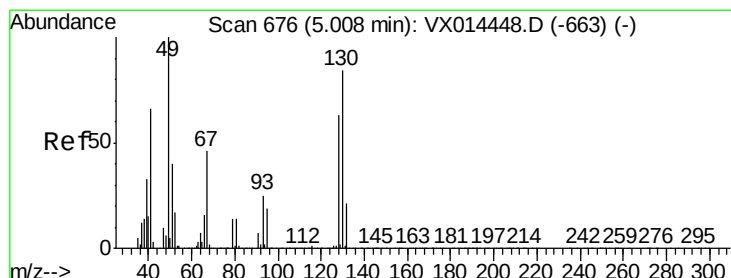
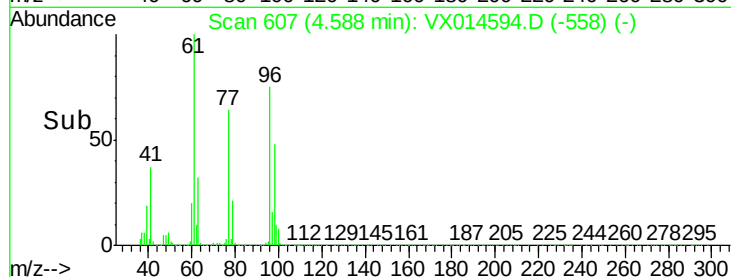
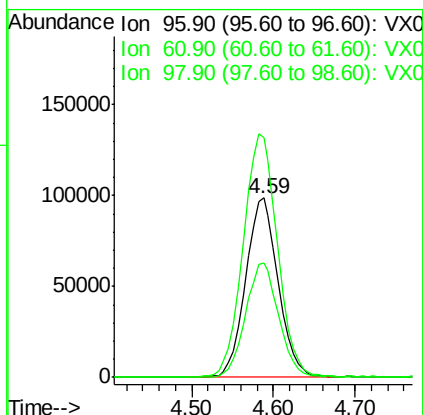
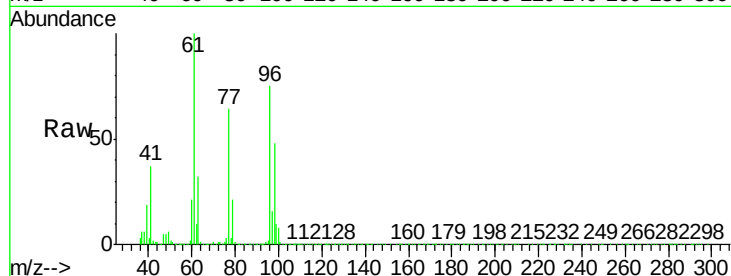


#27

cis-1,2-Dichloroethene
Concen: 47.710 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

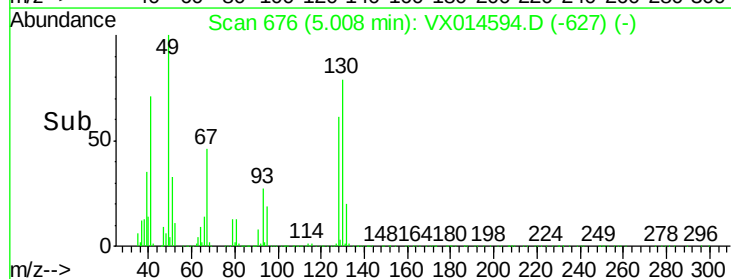
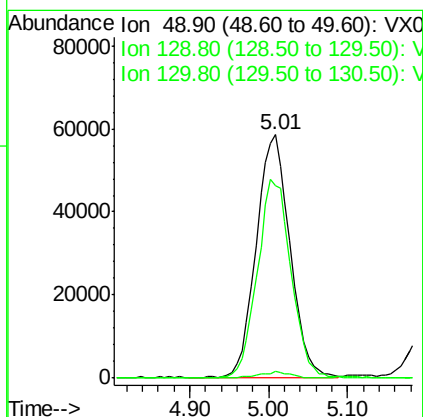
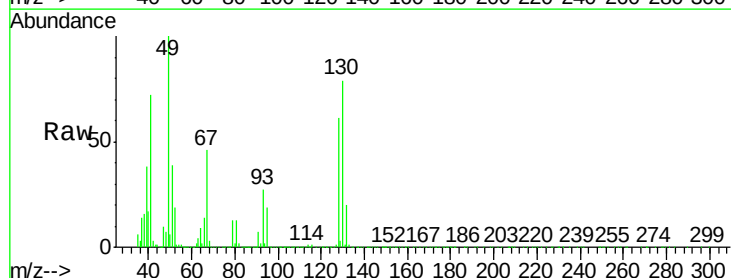
Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	285.4
98	64.6	0.0	130.6

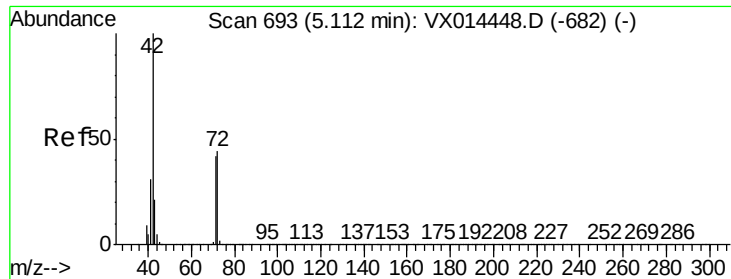


#28

Bromochloromethane
Concen: 47.997 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	80.6	67.0	100.4





#29

Tetrahydrofuran

Concen: 264.623 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

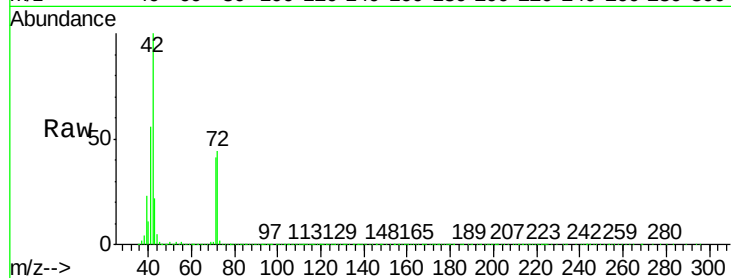
Tgt Ion: 42 Resp: 618714

Ion Ratio Lower Upper

42 100

72 44.7 36.2 54.4

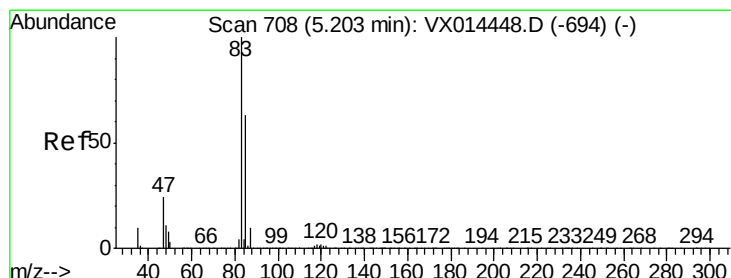
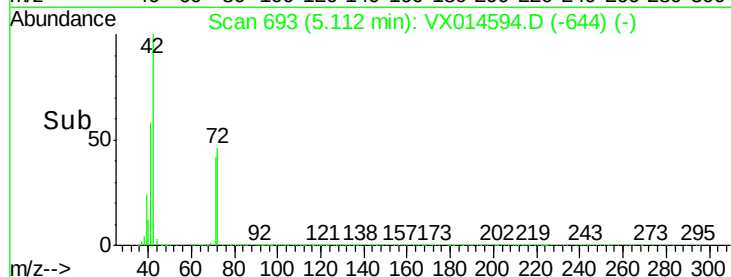
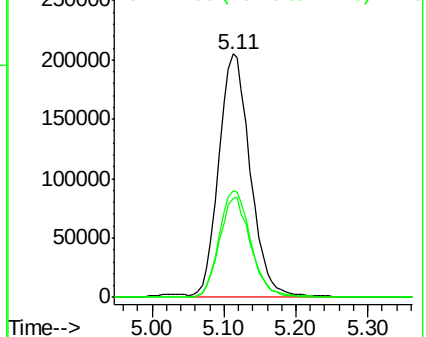
71 41.0 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.869 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014594.D

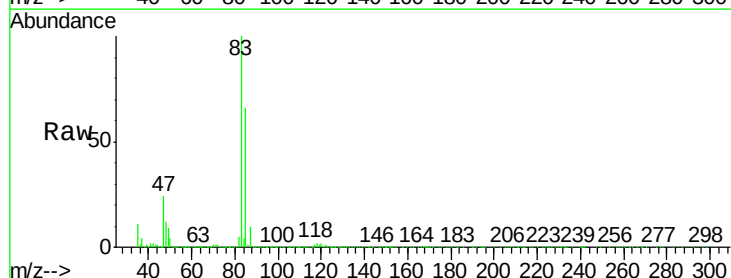
Acq: 13 Jan 2020 18:04

Tgt Ion: 83 Resp: 421279

Ion Ratio Lower Upper

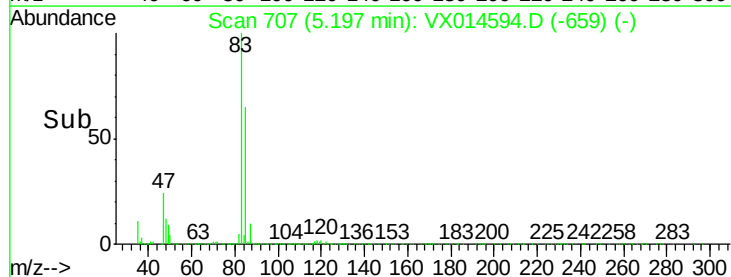
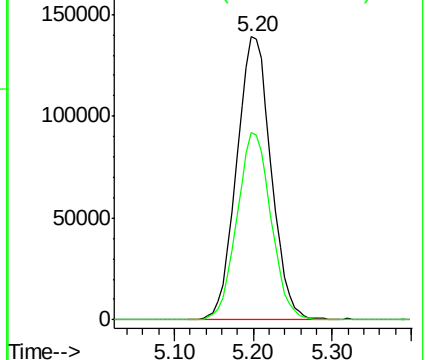
83 100

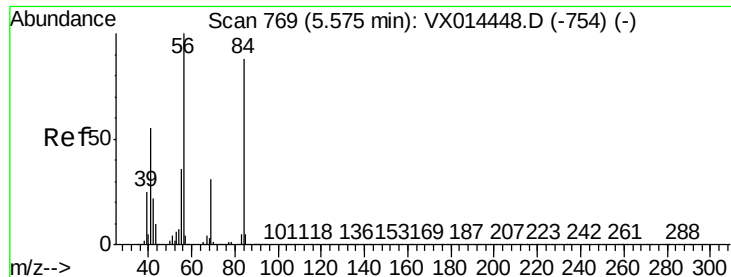
85 65.8 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.282 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

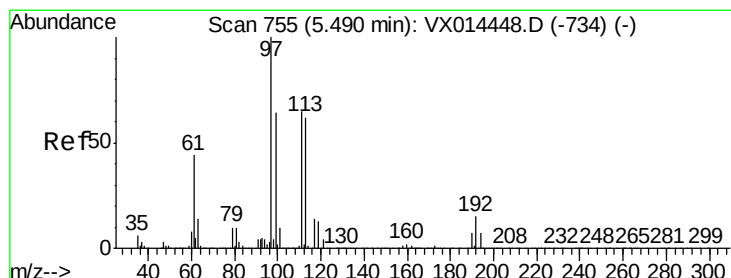
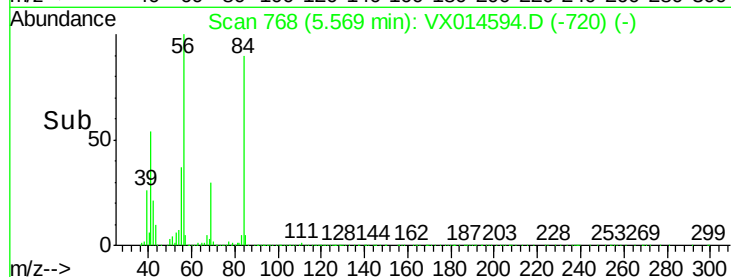
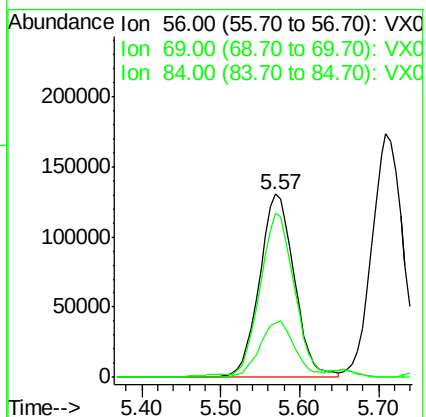
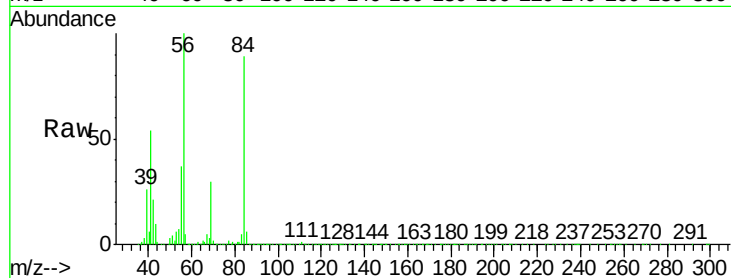
Tgt Ion: 56 Resp: 398782

Ion Ratio Lower Upper

56 100

69 29.7 24.4 36.6

84 88.8 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 49.138 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

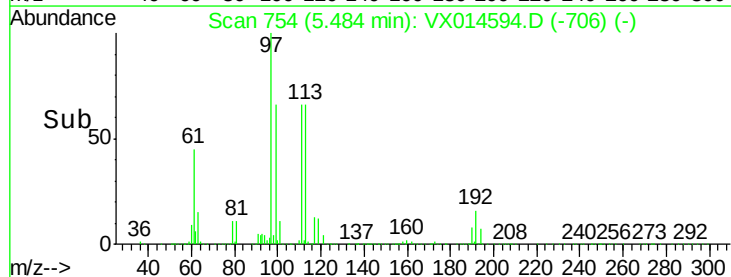
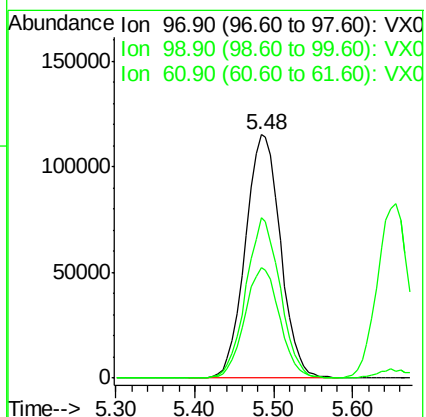
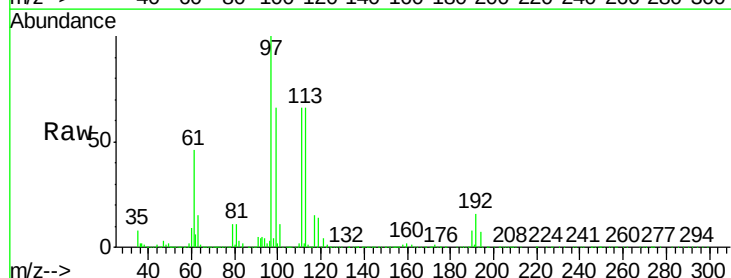
Tgt Ion: 97 Resp: 355316

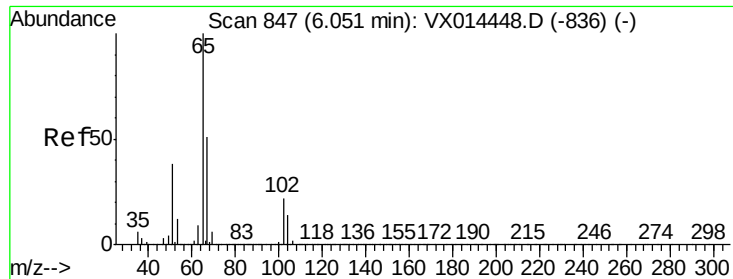
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 45.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 50.069 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 265070

Ion Ratio Lower Upper

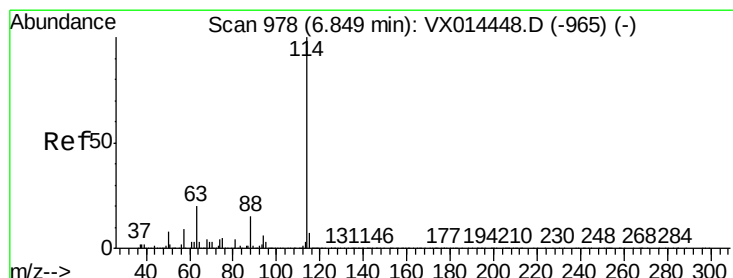
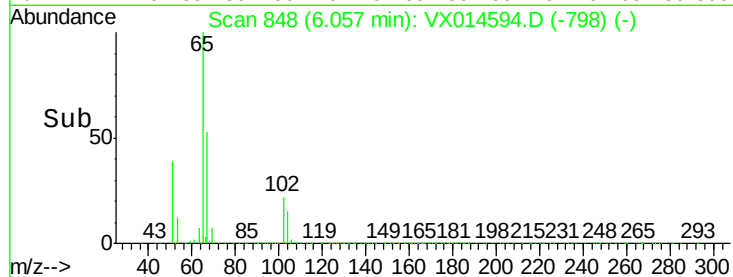
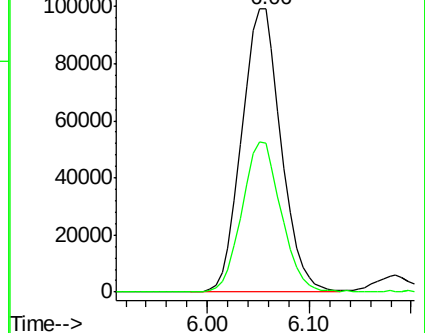
65 100

67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

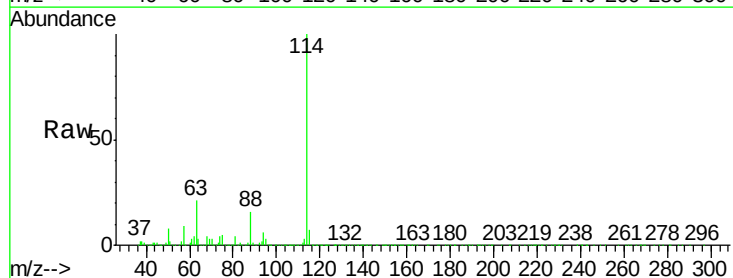
Tgt Ion: 114 Resp: 712157

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.6

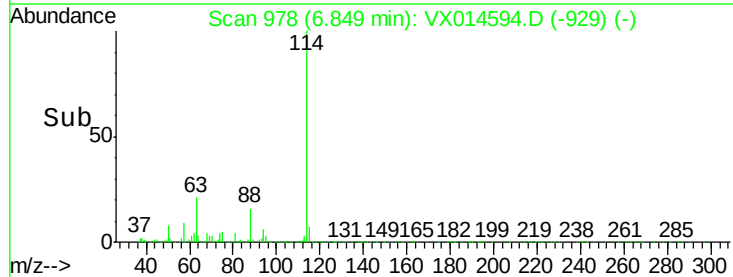
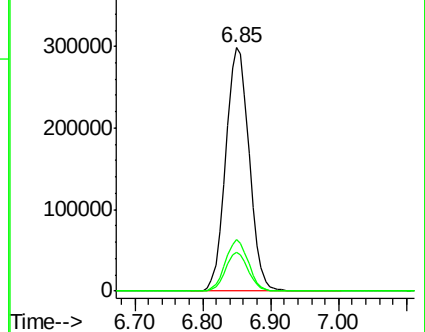
88 15.8 0.0 30.8

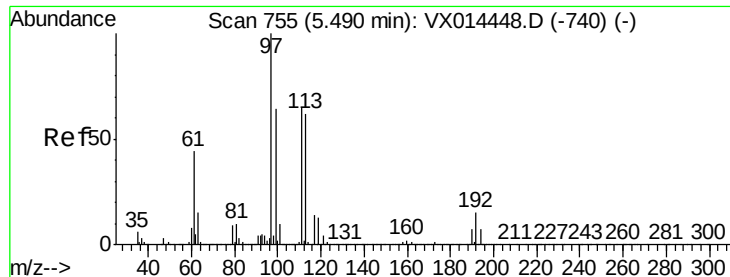


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

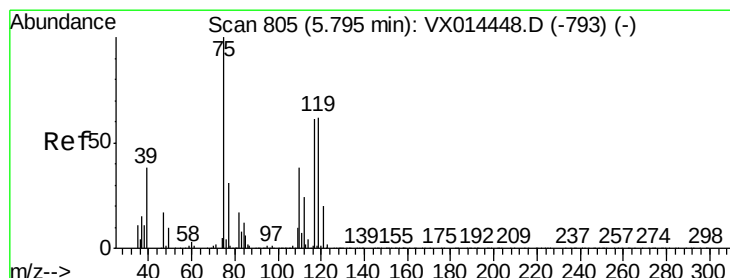
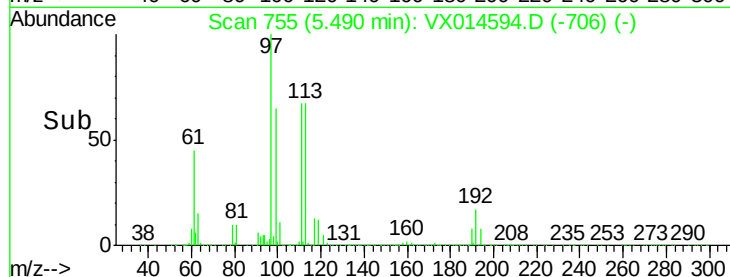
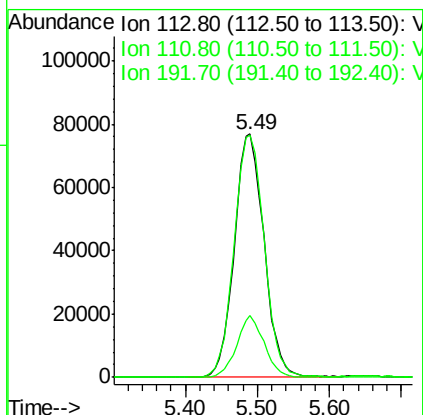
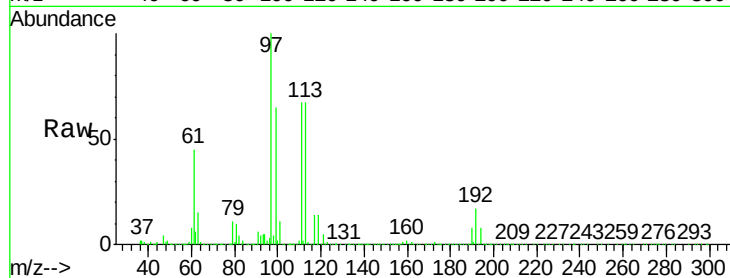




#35
Dibromofluoromethane
Concen: 51.132 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

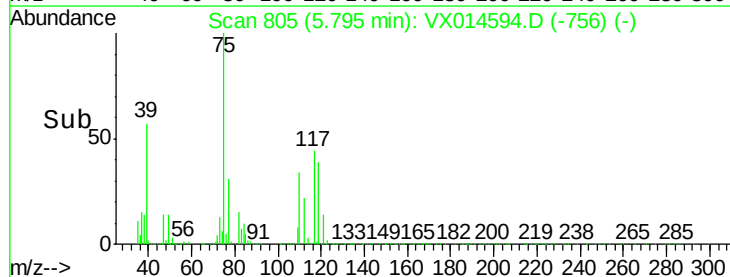
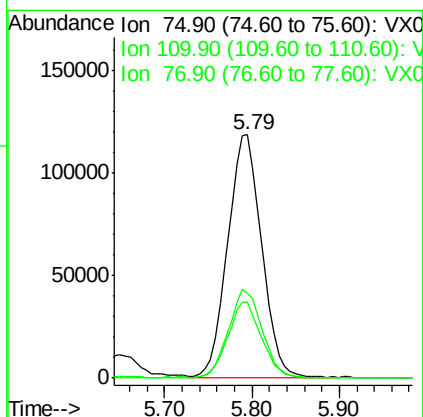
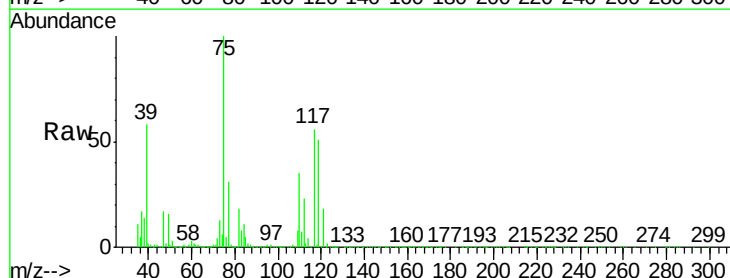
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

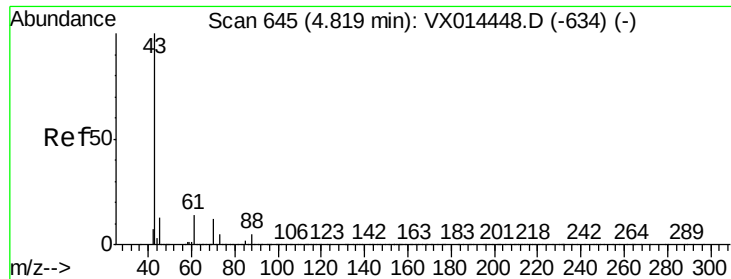
Tgt Ion: 113 Resp: 220431
Ion Ratio Lower Upper
113 100
111 101.5 81.5 122.3
192 23.6 19.2 28.8



#36
1,1-Dichloropropene
Concen: 47.417 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 75 Resp: 317563
Ion Ratio Lower Upper
75 100
110 36.5 18.6 55.8
77 31.0 24.5 36.7

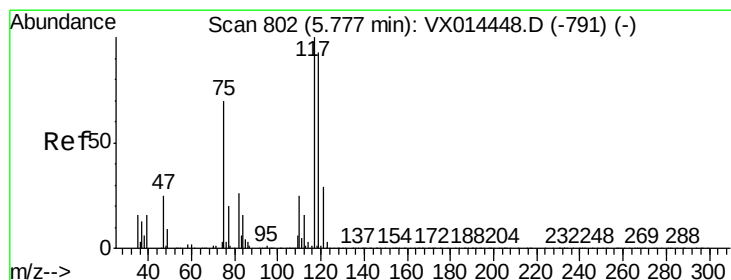
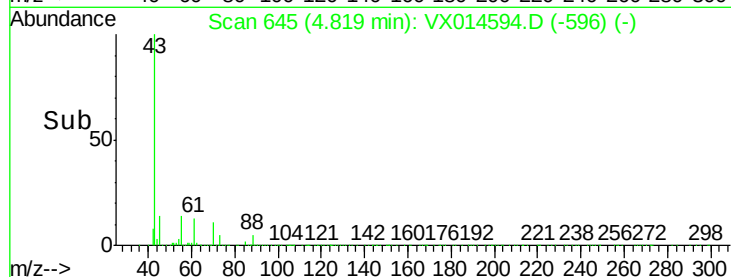
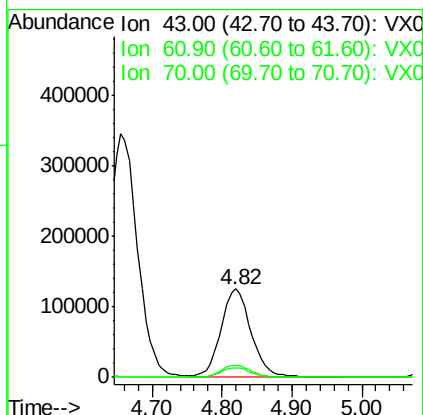
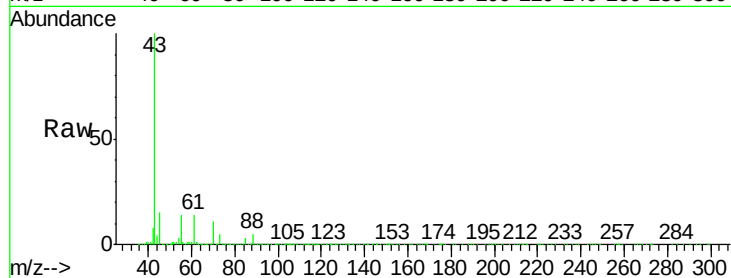




#37
Ethyl Acetate
Concen: 50.875 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

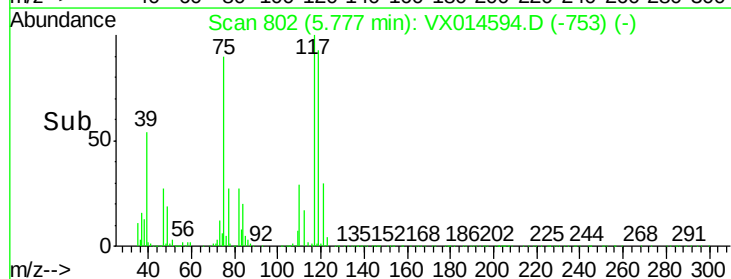
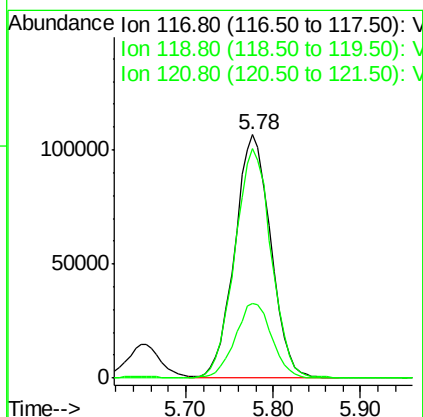
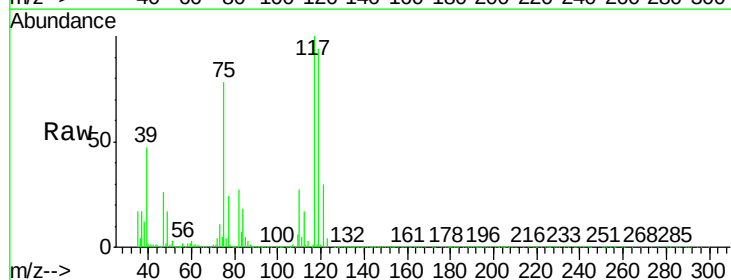
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

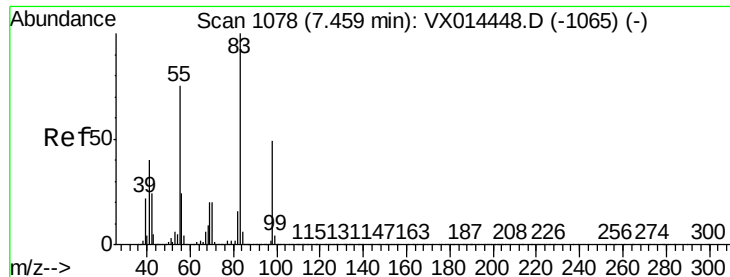
Tgt Ion: 43 Resp: 370093
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.278 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 117 Resp: 303698
Ion Ratio Lower Upper
117 100
119 94.4 73.8 110.8
121 30.4 23.4 35.0

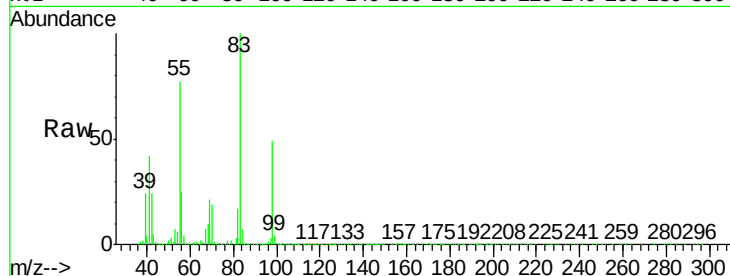




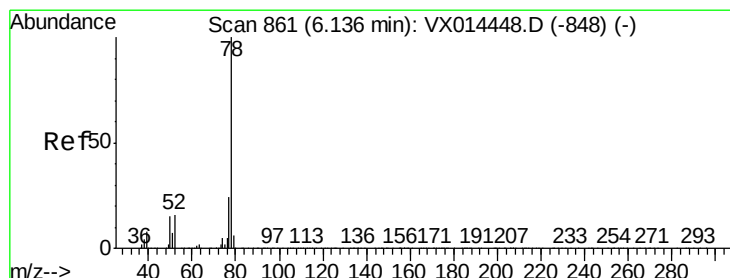
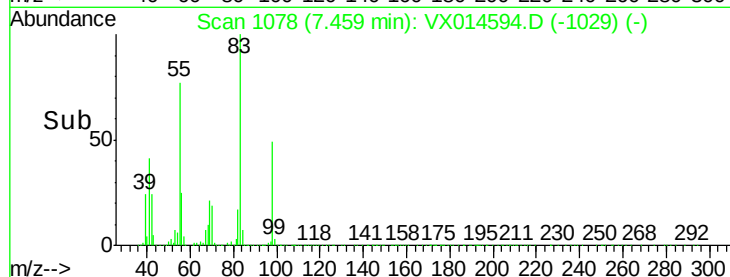
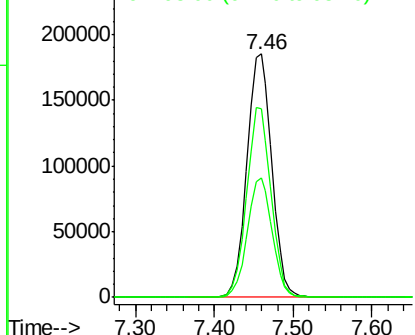
#39
Methylcyclohexane
Concen: 48.138 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.7	89.5
98	49.0	39.1	58.7

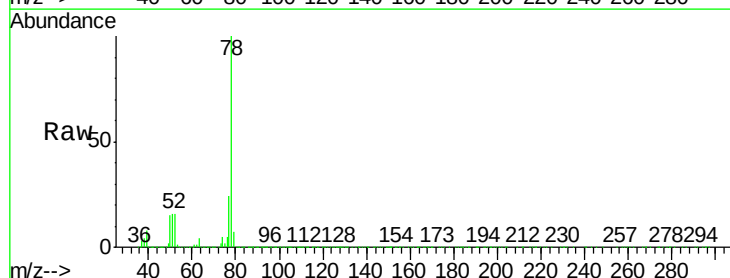


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

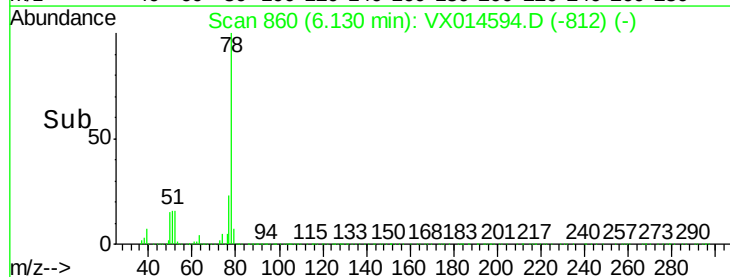
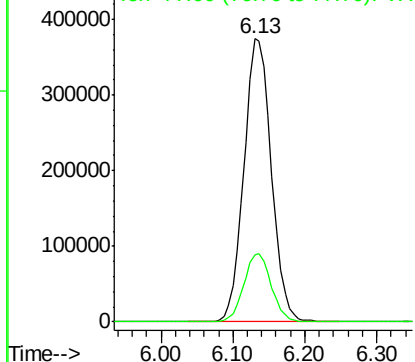


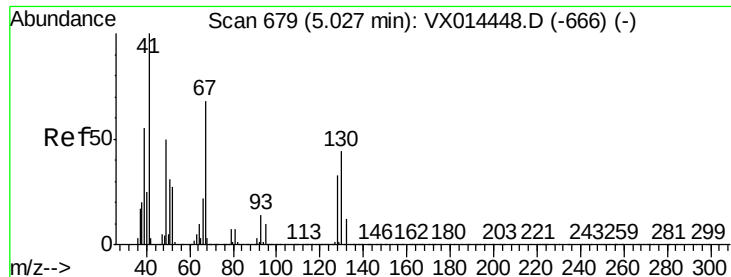
#40
Benzene
Concen: 49.776 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

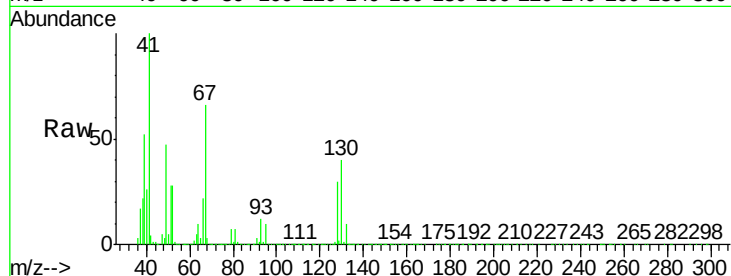




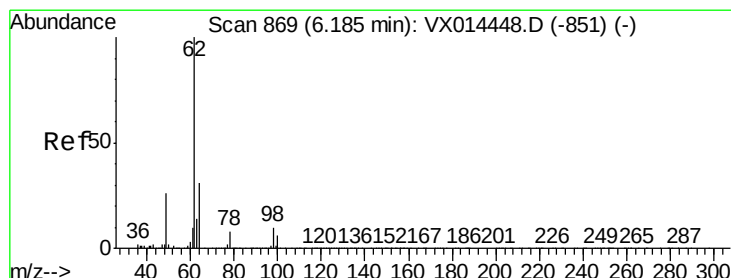
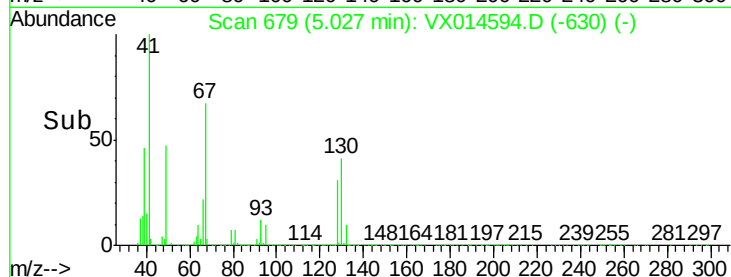
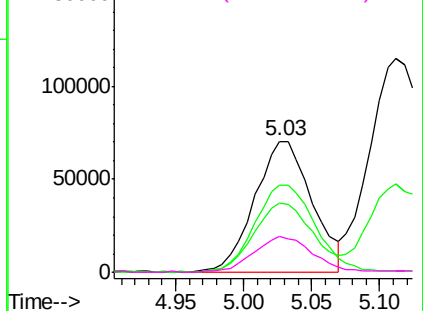
#41
Methacrylonitrile
Concen: 53.102 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	205998
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.6	65.4
67	69.9	57.9	86.9
52	27.8	23.0	34.6

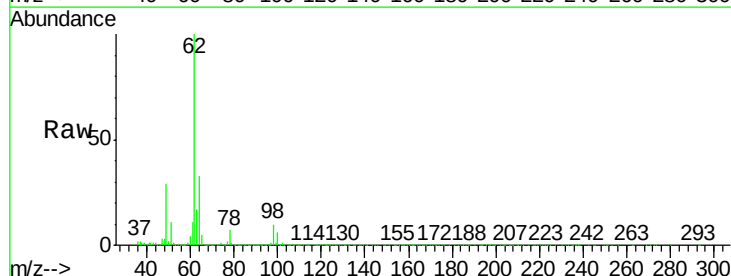


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

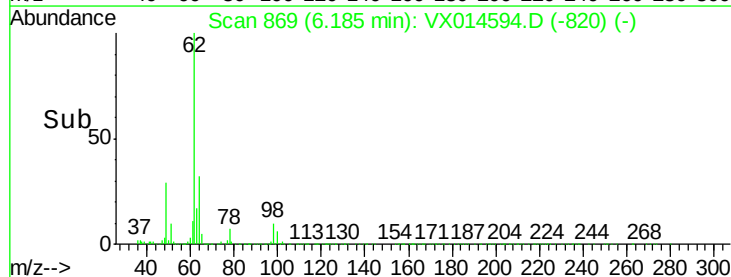
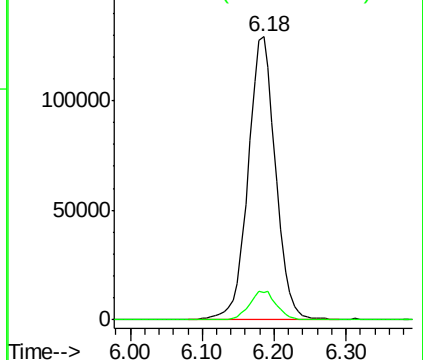


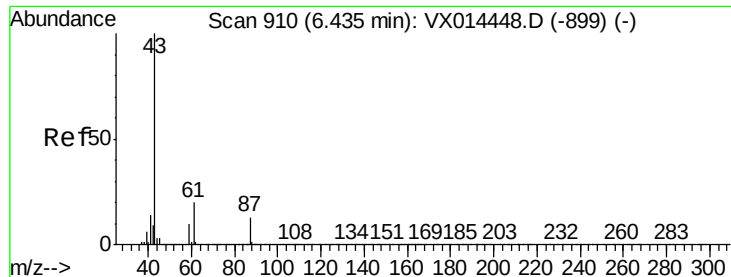
#42
1,2-Dichloroethane
Concen: 48.894 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion:	62	Resp:	339804
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.762 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

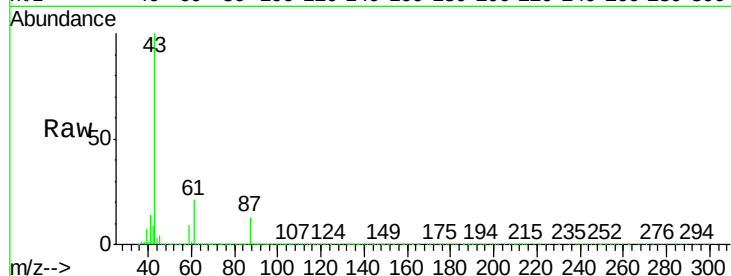
Tgt Ion: 43 Resp: 608279

Ion Ratio Lower Upper

43 100

61 20.3 16.6 24.8

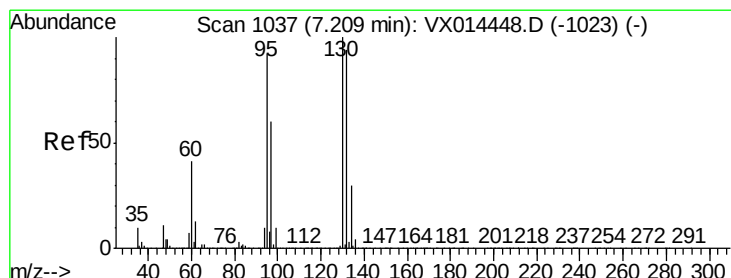
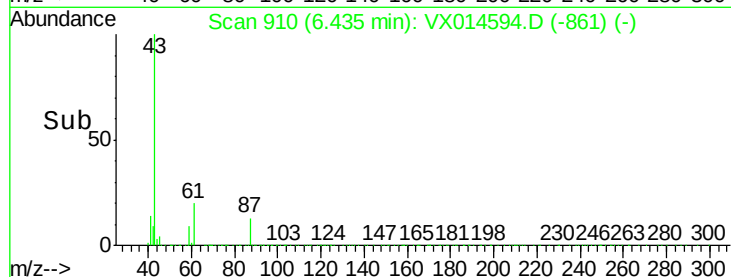
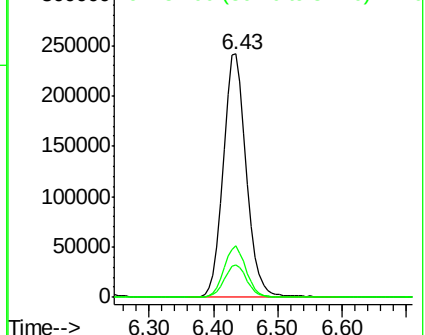
87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.441 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014594.D

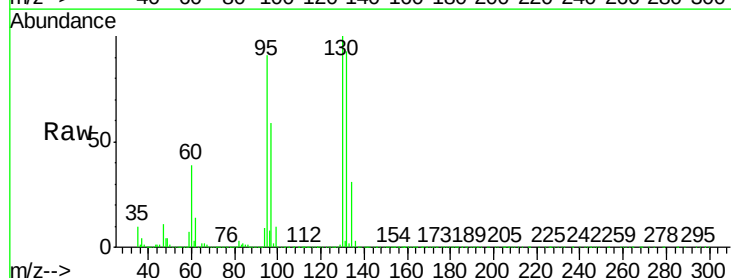
Acq: 13 Jan 2020 18:04

Tgt Ion: 130 Resp: 270992

Ion Ratio Lower Upper

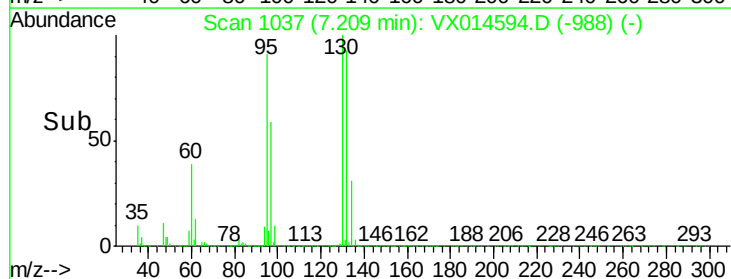
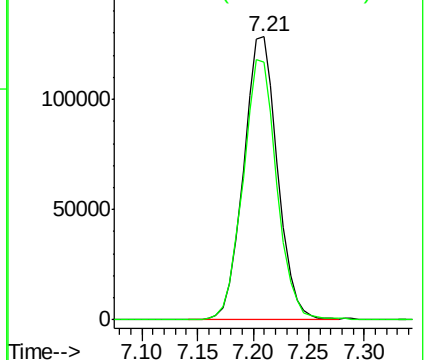
130 100

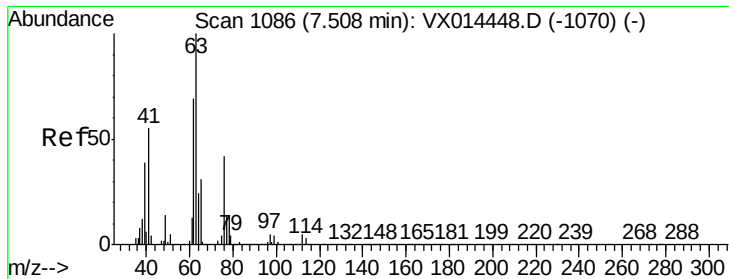
95 91.2 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.636 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

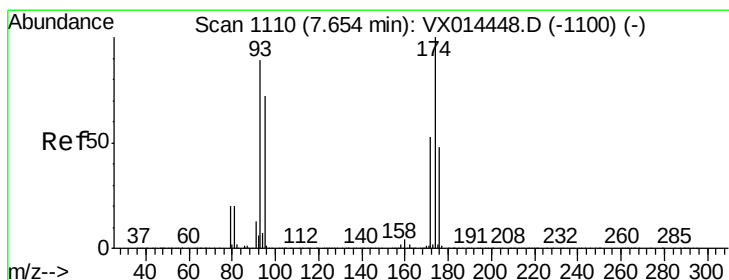
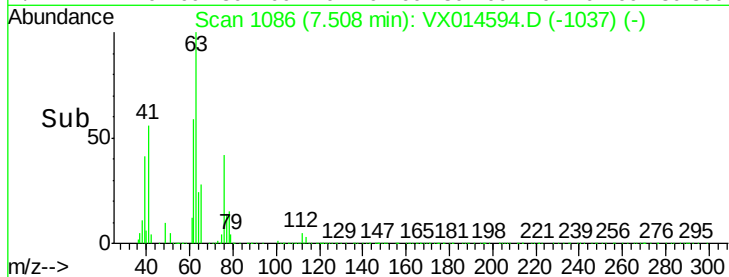
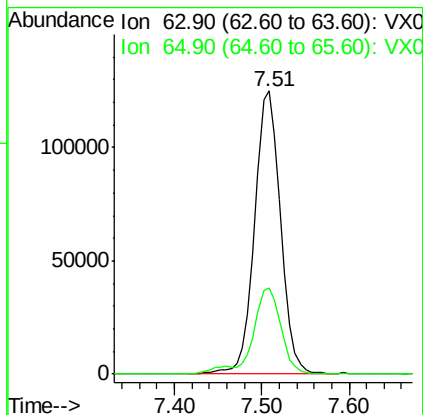
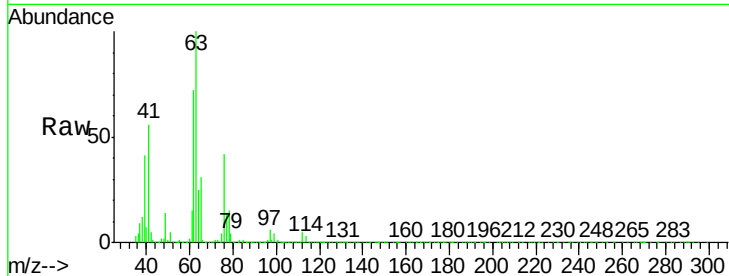
VSTDCCC050EC

Tgt Ion: 63 Resp: 256608

Ion Ratio Lower Upper

63 100

65 30.6 24.8 37.2



#46

Dibromomethane

Concen: 46.864 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

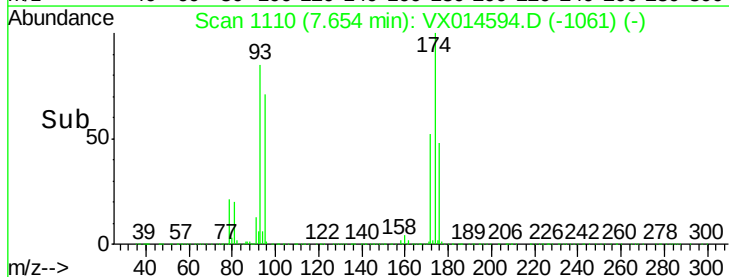
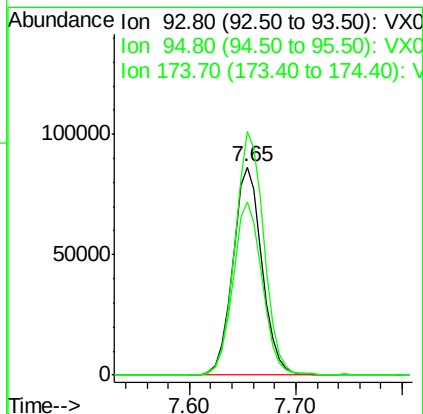
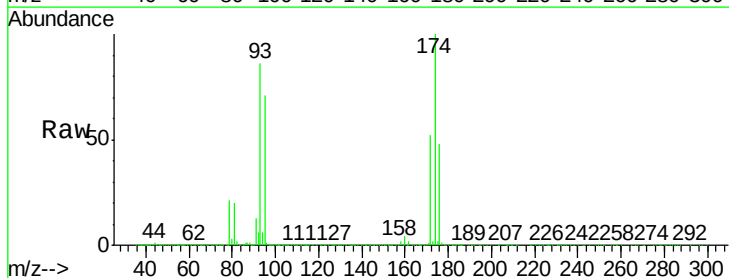
Tgt Ion: 93 Resp: 165761

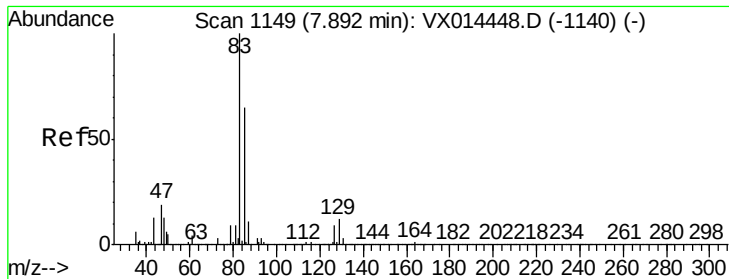
Ion Ratio Lower Upper

93 100

95 83.2 65.4 98.2

174 116.2 93.0 139.4





#47

Bromodichloromethane

Concen: 50.857 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

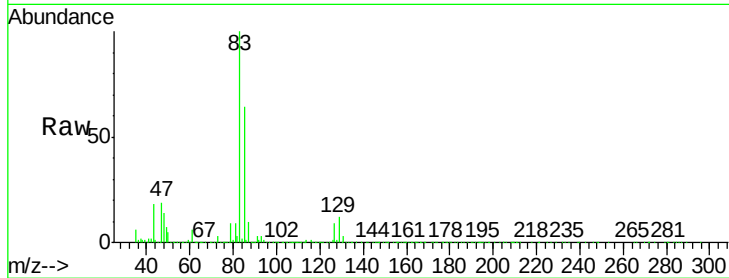
Tgt Ion: 83 Resp: 327316

Ion Ratio Lower Upper

83 100

85 64.2 51.7 77.5

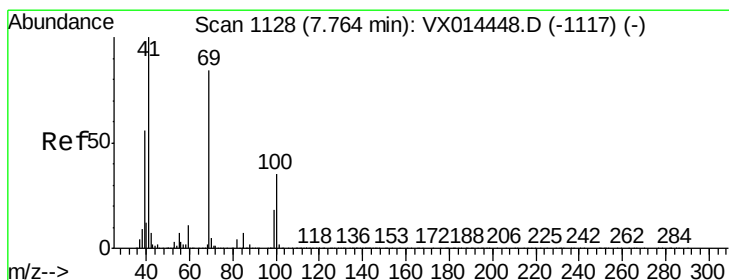
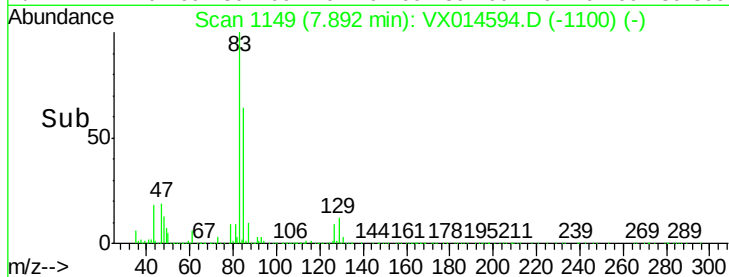
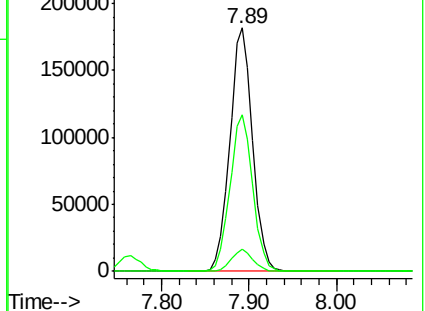
127 9.1 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.179 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

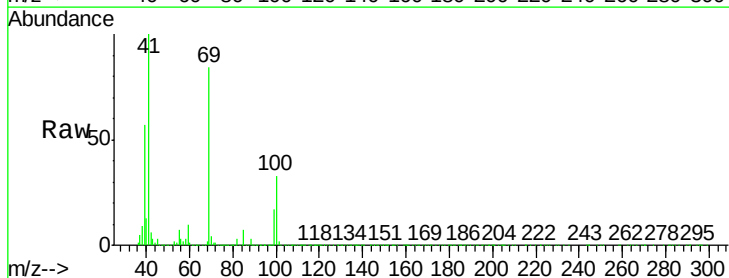
Tgt Ion: 41 Resp: 299310

Ion Ratio Lower Upper

41 100

69 82.4 65.5 98.3

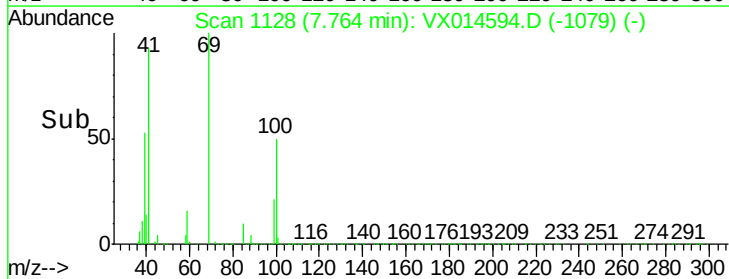
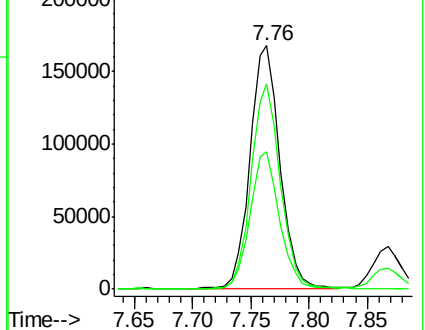
39 56.2 43.9 65.9

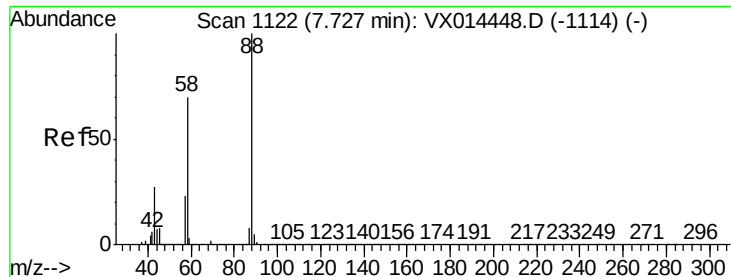


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1046.917 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

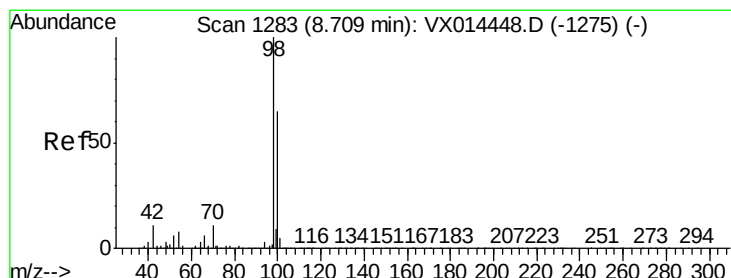
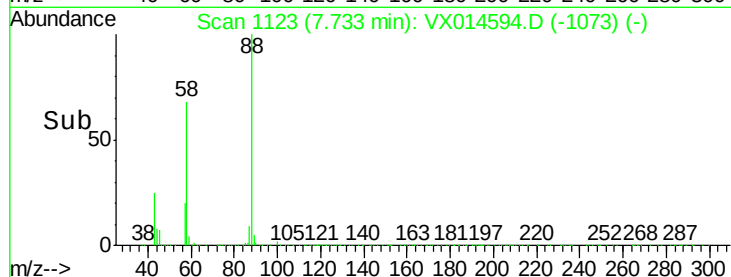
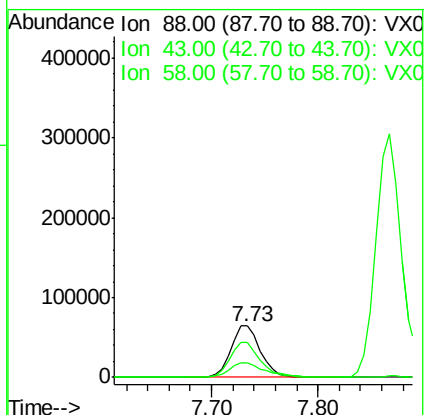
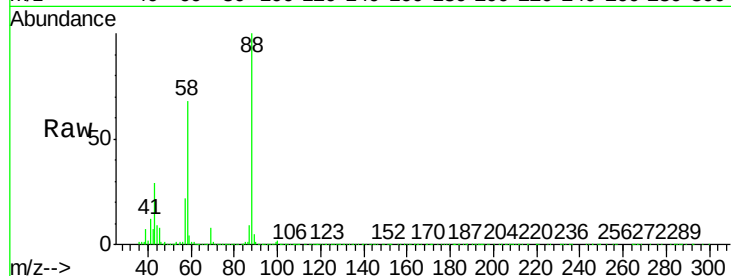
Tgt Ion: 88 Resp: 124854

Ion Ratio Lower Upper

88 100

43 33.3 27.4 41.0

58 69.0 57.1 85.7



#50

Toluene-d8

Concen: 50.476 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014594.D

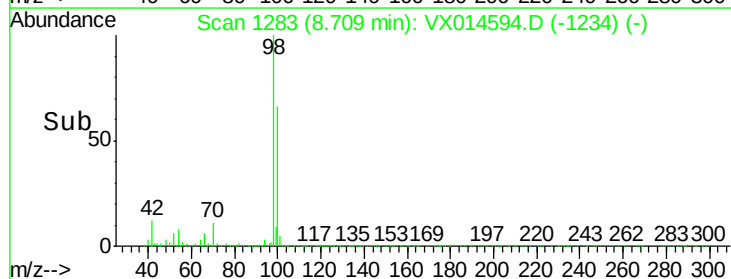
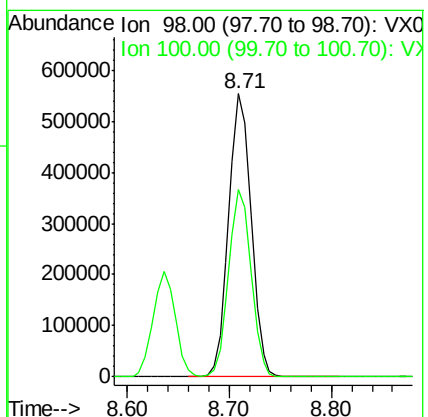
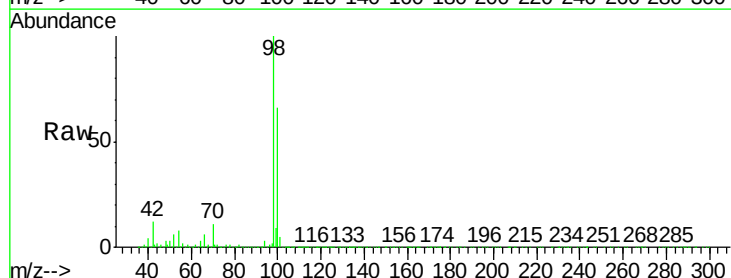
Acq: 13 Jan 2020 18:04

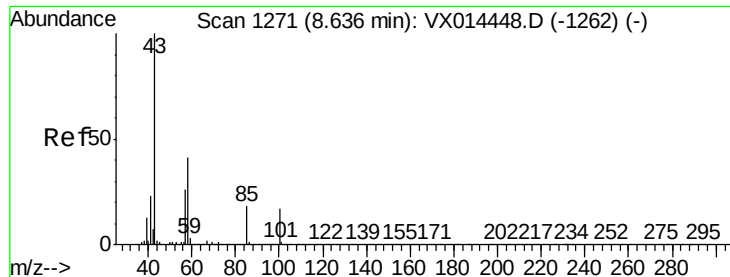
Tgt Ion: 98 Resp: 844435

Ion Ratio Lower Upper

98 100

100 65.9 53.2 79.8

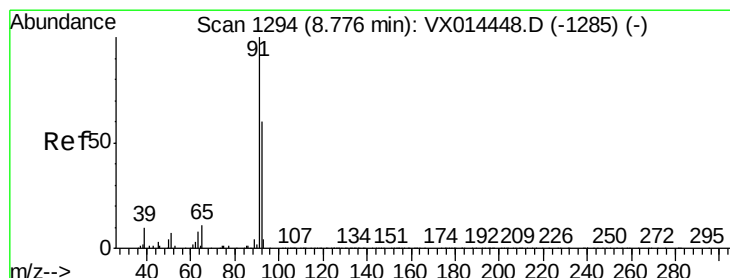
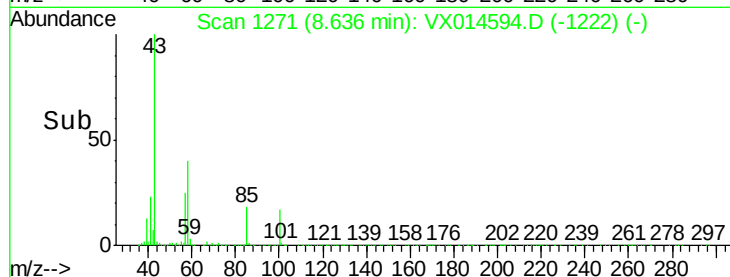
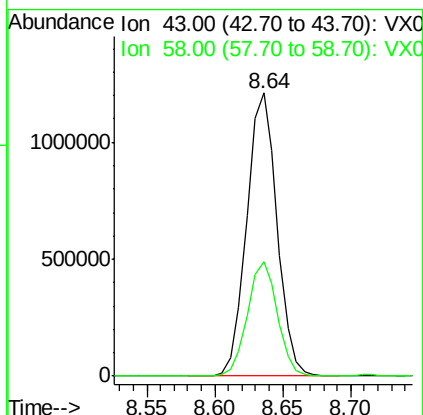
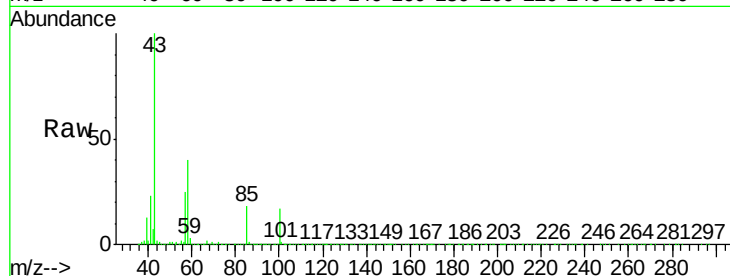




#51
 4-Methyl-2-Pentanone
 Concen: 264.553 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

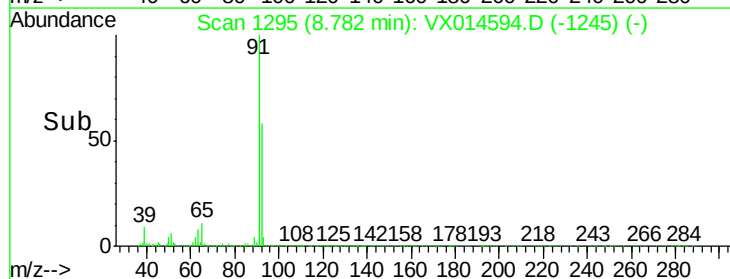
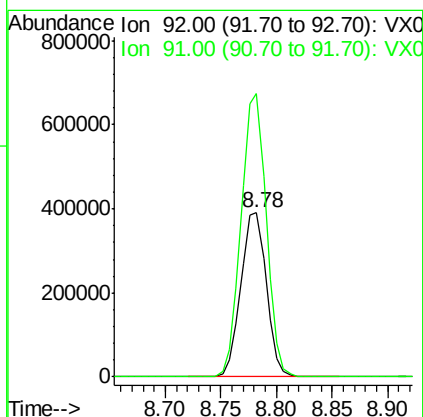
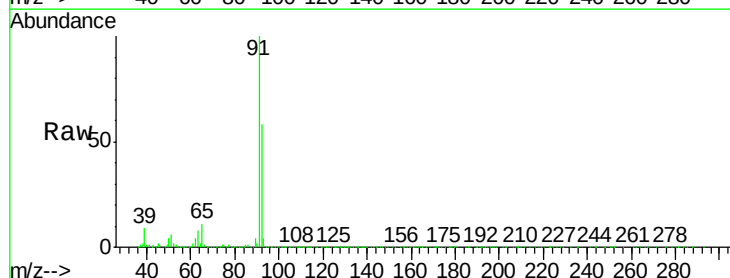
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

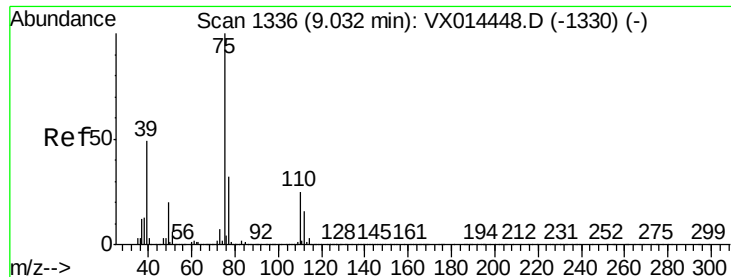
Tgt Ion: 43 Resp: 1894467
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.4 48.6



#52
 Toluene
 Concen: 48.838 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion: 92 Resp: 621428
 Ion Ratio Lower Upper
 92 100
 91 170.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 49.005 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

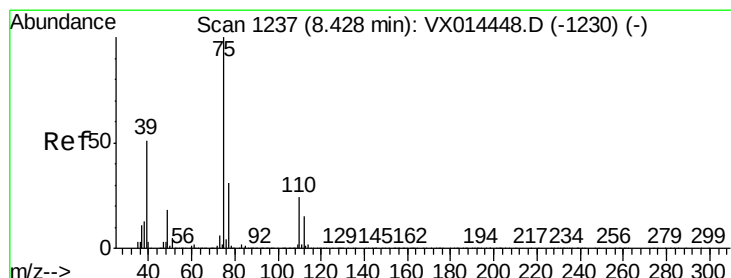
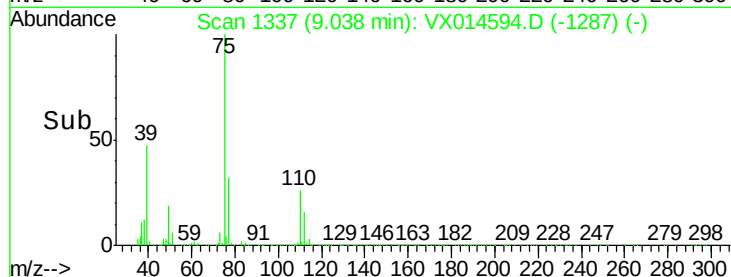
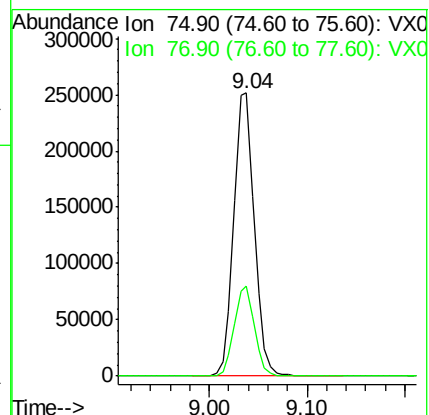
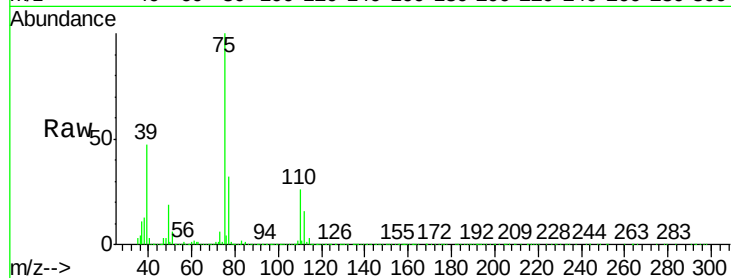
VSTDCCC050EC

Tgt Ion: 75 Resp: 367192

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.195 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

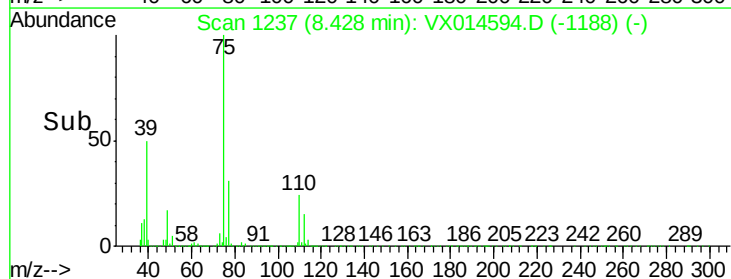
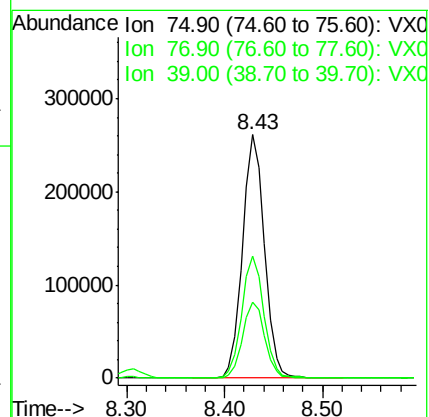
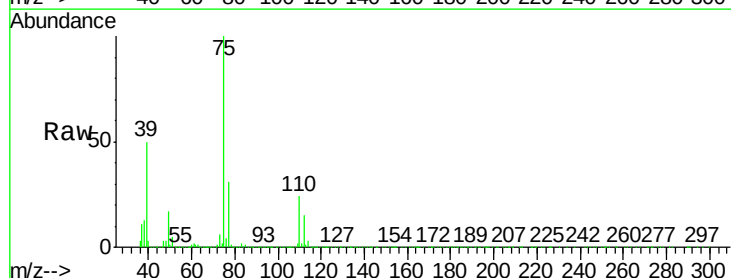
Tgt Ion: 75 Resp: 406285

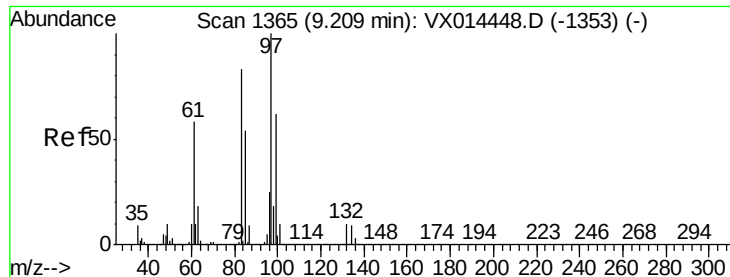
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 49.8 40.7 61.1

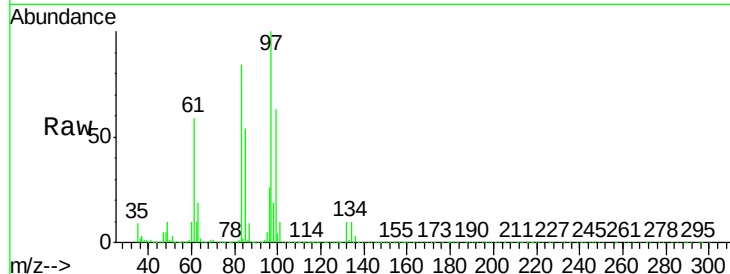




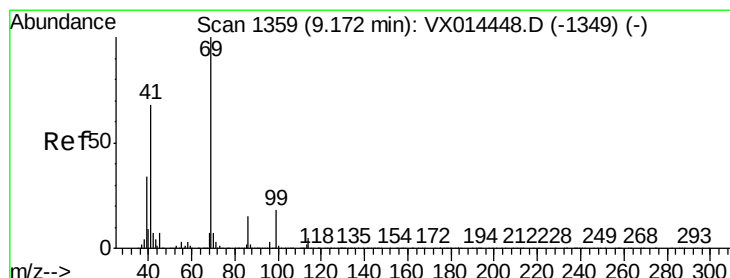
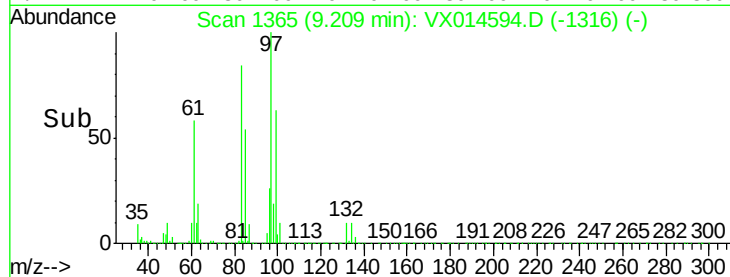
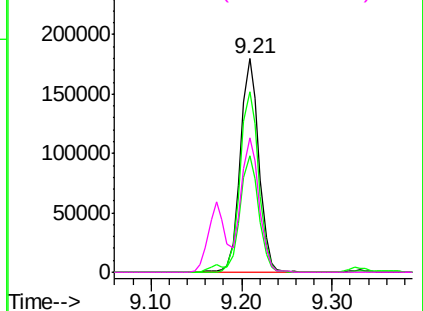
#55
 1,1,2-Trichloroethane
 Concen: 49.977 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	255425
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.4	99.6
85	54.2	43.4	65.2
99	62.8	49.6	74.4

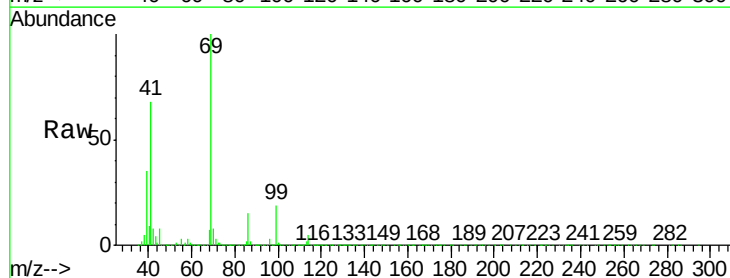


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

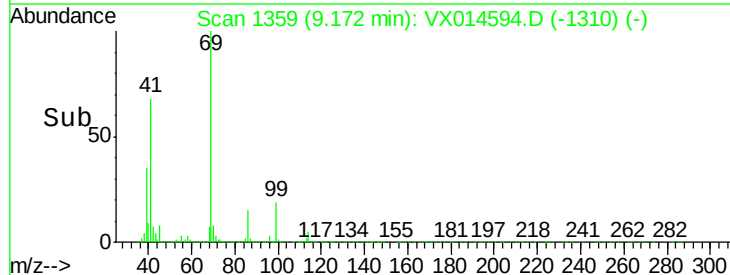
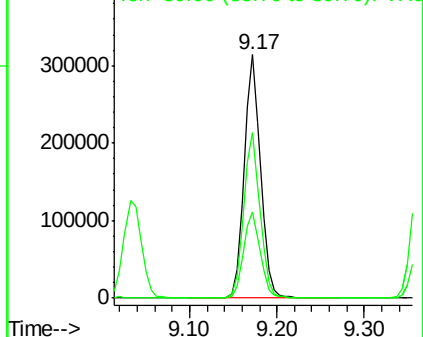


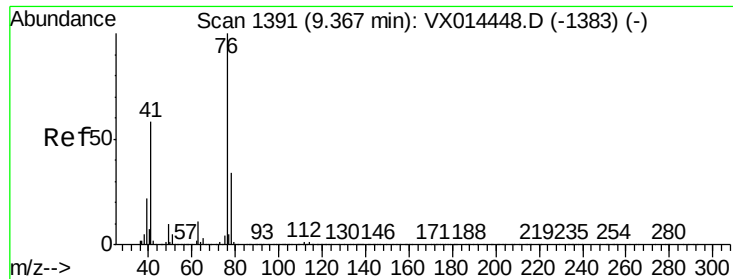
#56
 Ethyl methacrylate
 Concen: 51.974 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion:	69	Resp:	406955
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.2	81.2
39	36.2	28.2	42.2



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

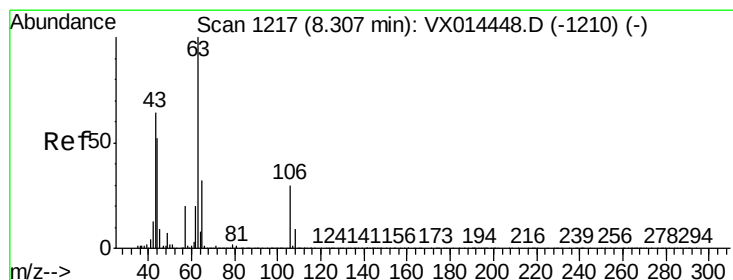
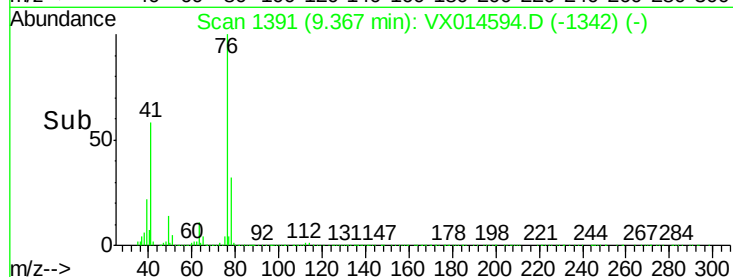
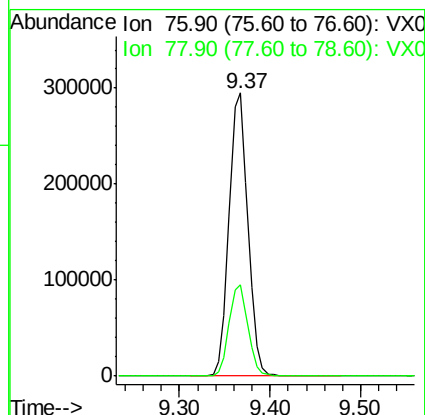
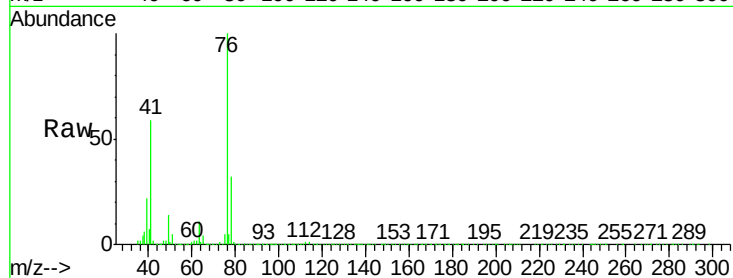




#57
 1,3-Dichloropropane
 Concen: 49.658 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

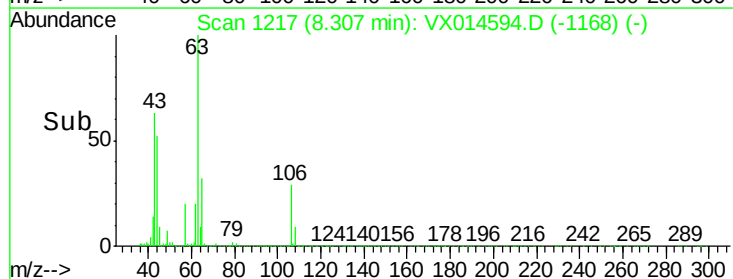
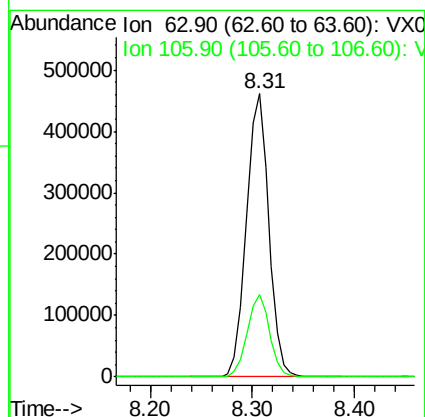
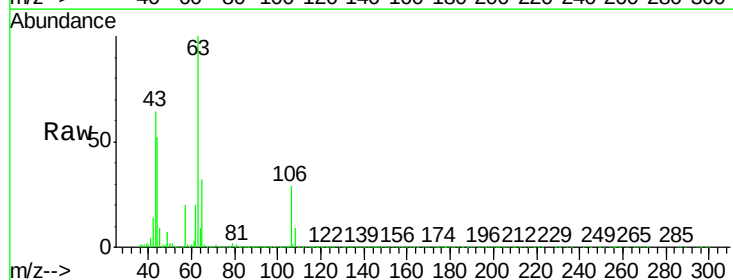
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

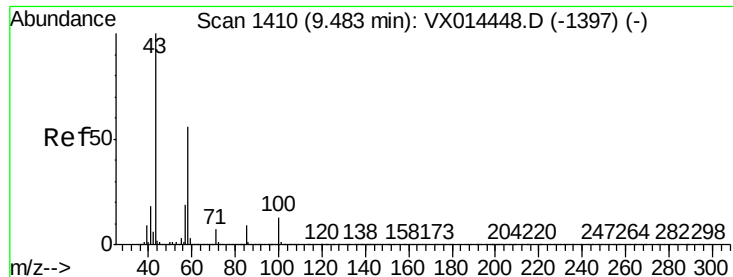
Tgt Ion: 76 Resp: 424340
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.326 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion: 63 Resp: 701509
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.6 35.4

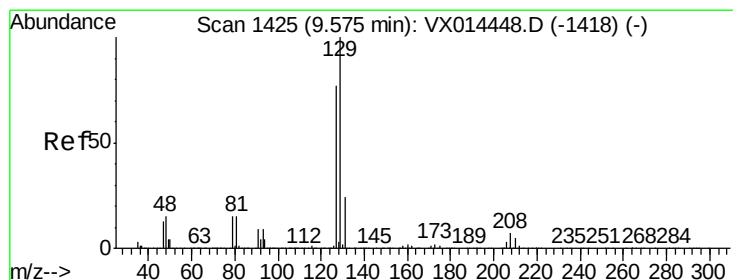
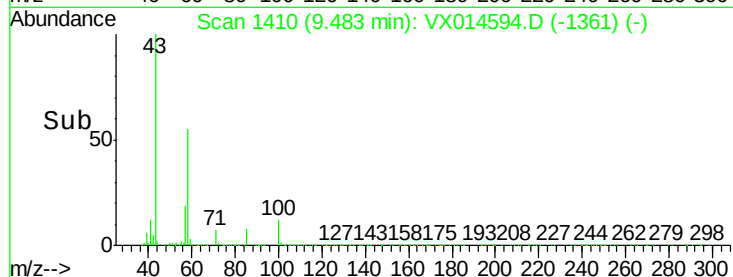
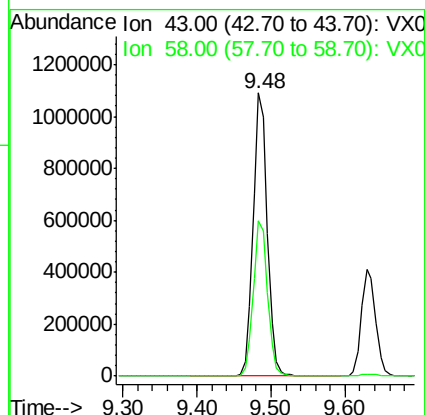
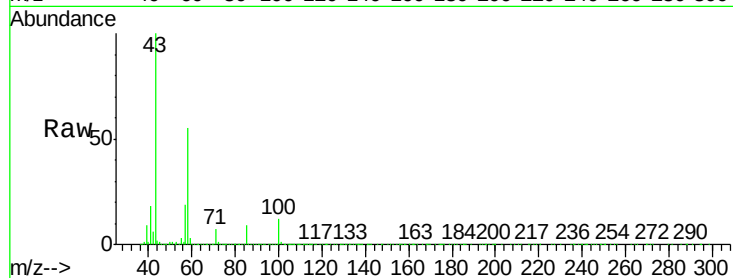




#59
2-Hexanone
Concen: 257.407 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

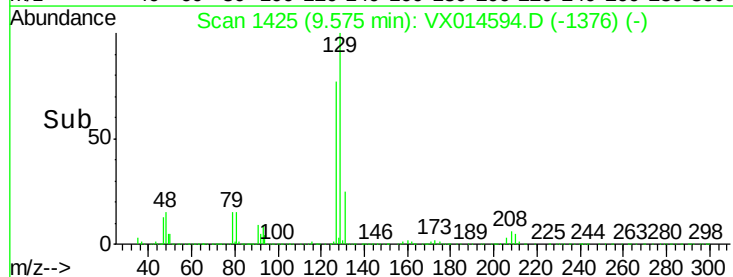
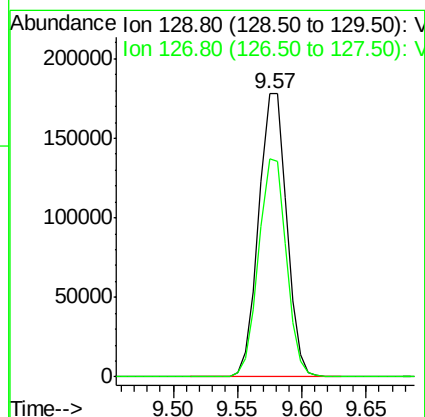
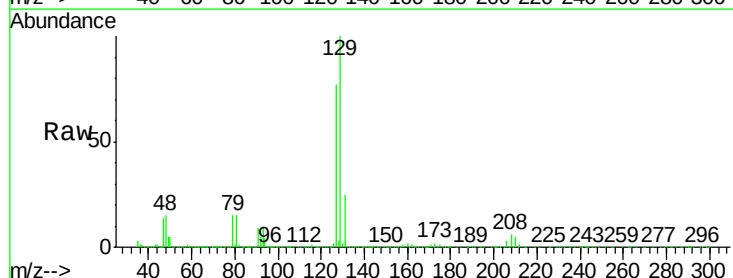
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

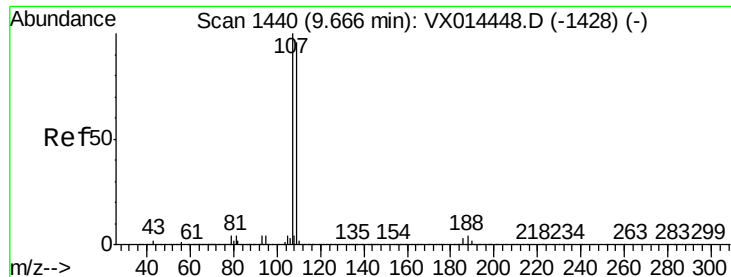
Tgt Ion: 43 Resp: 1458494
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.7



#60
Dibromochloromethane
Concen: 51.953 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 129 Resp: 266882
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.086 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

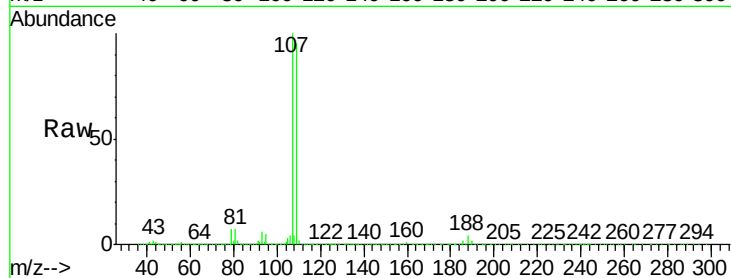
VSTDCCC050EC

Tgt Ion: 107 Resp: 265743

Ion Ratio Lower Upper

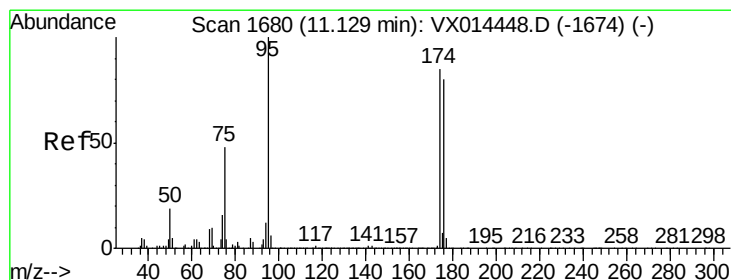
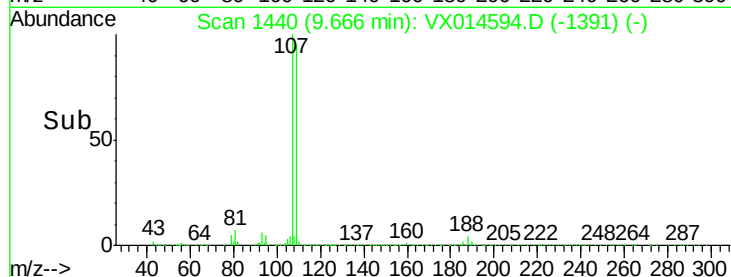
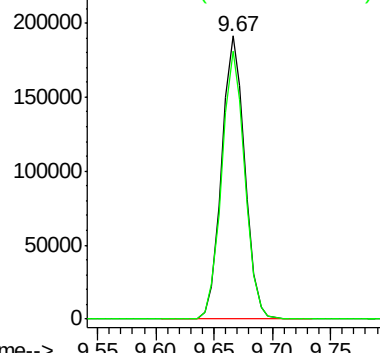
107 100

109 94.9 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.823 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

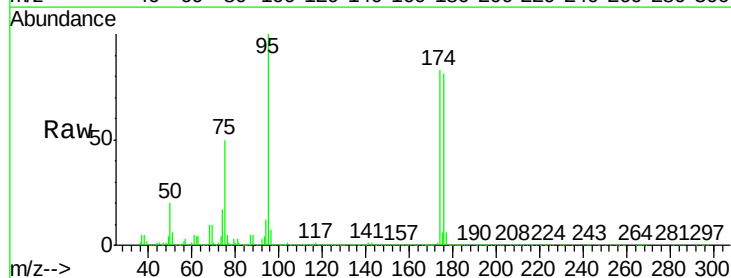
Tgt Ion: 95 Resp: 299851

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.8

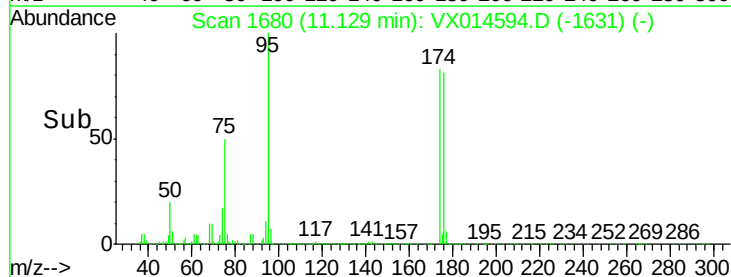
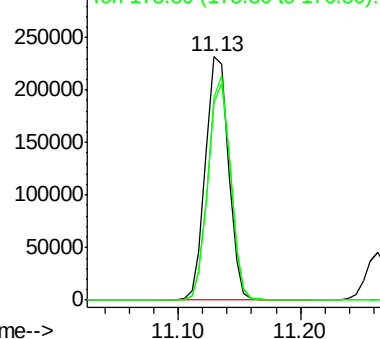
176 87.9 0.0 172.8

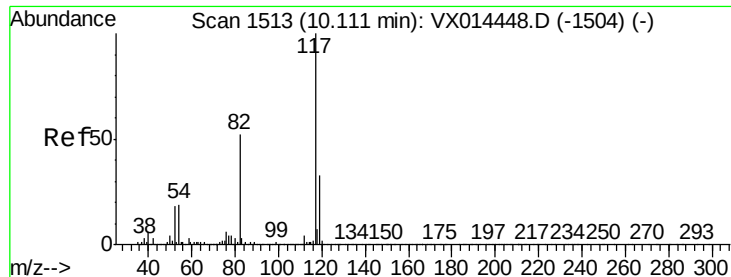


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

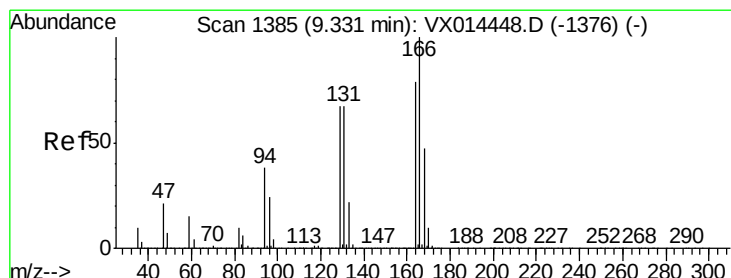
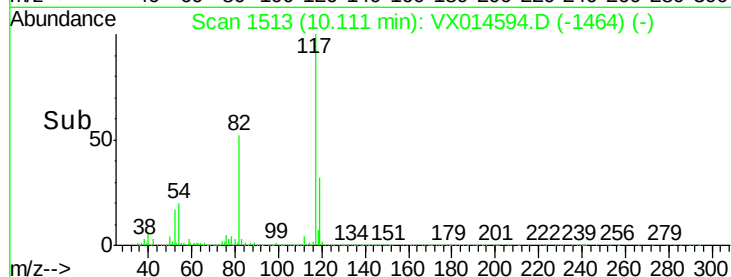
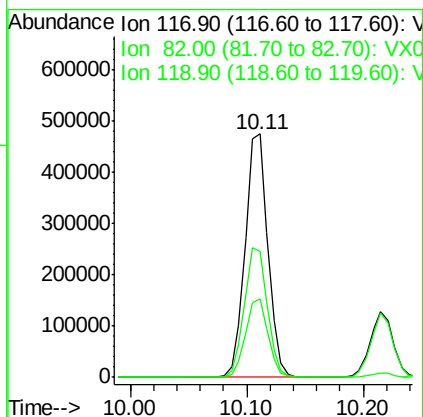
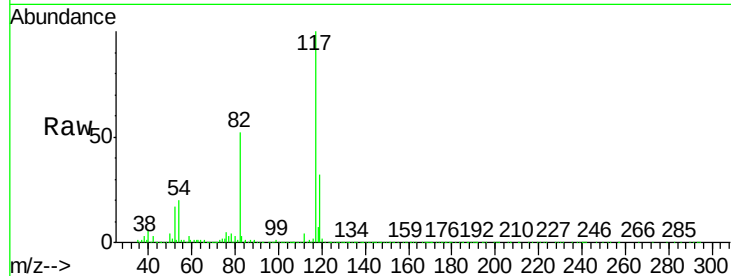




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

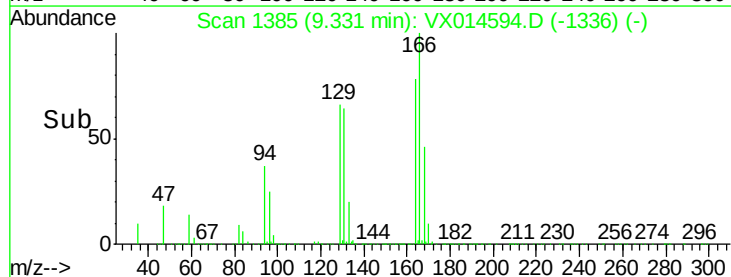
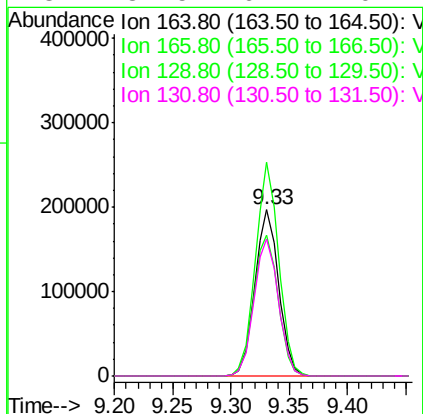
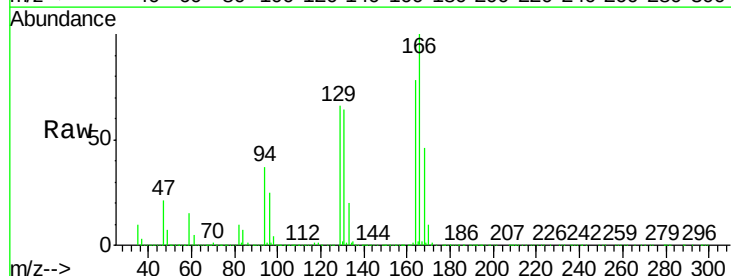
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

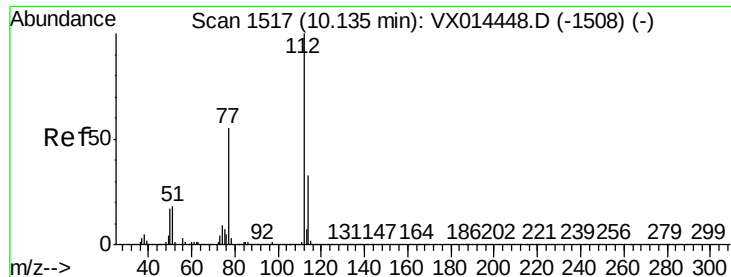
Tgt Ion:117 Resp: 645870
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.6
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 43.413 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion:164 Resp: 281012
Ion Ratio Lower Upper
164 100
166 128.6 101.2 151.8
129 84.9 68.3 102.5
131 82.5 67.4 101.2





#65

Chlorobenzene

Concen: 47.582 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

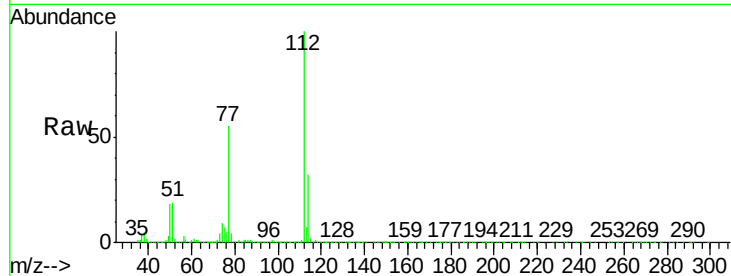
VSTDCCC050EC

Tgt Ion:112 Resp: 666929

Ion Ratio Lower Upper

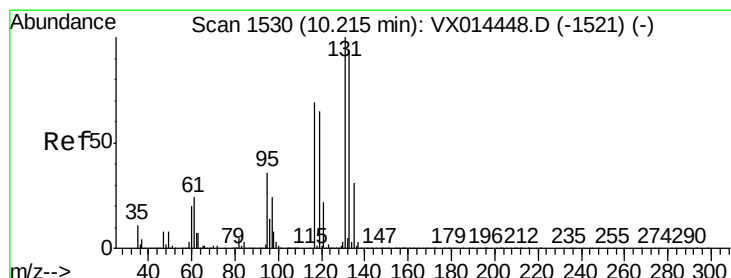
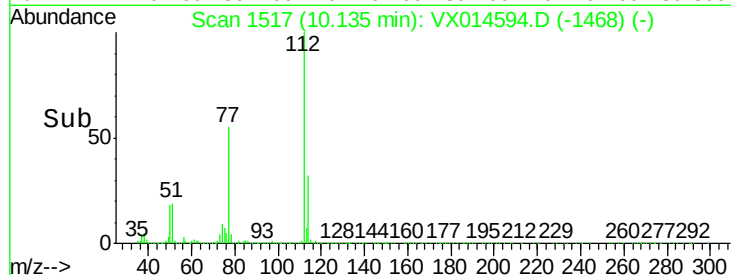
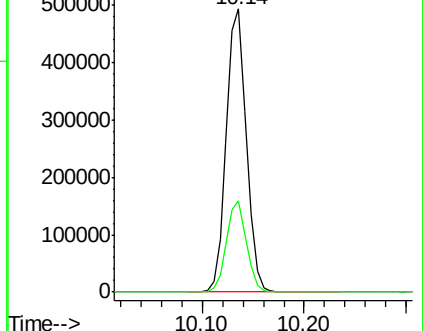
112 100

114 32.1 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.242 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

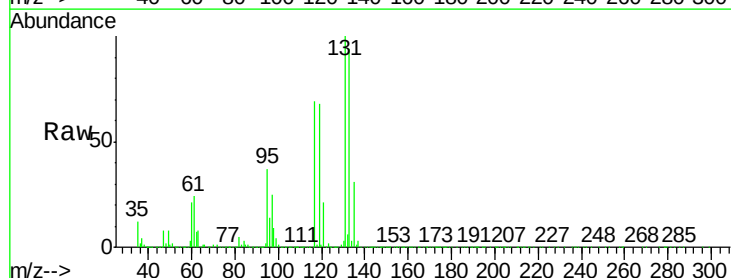
Tgt Ion:131 Resp: 251316

Ion Ratio Lower Upper

131 100

133 93.3 47.3 142.0

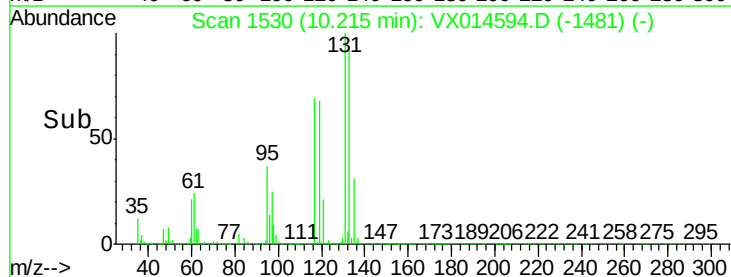
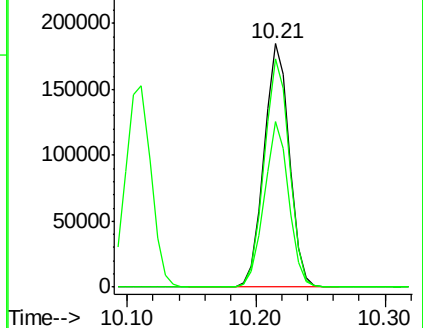
119 65.4 32.8 98.4

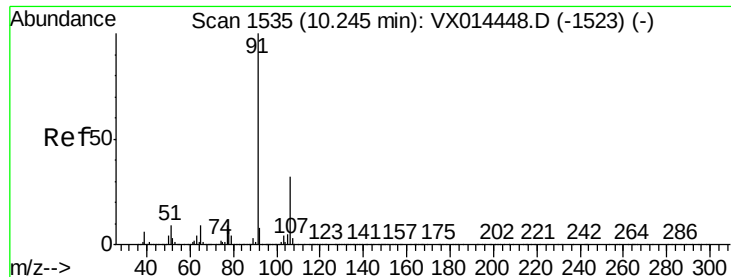


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

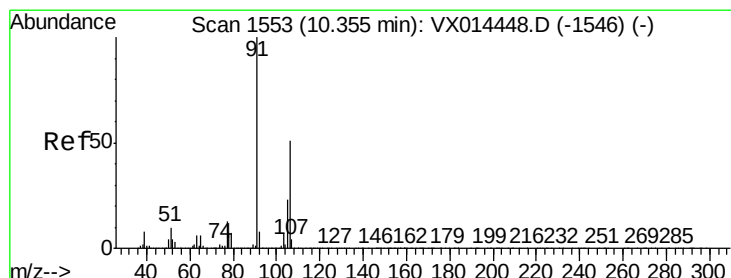
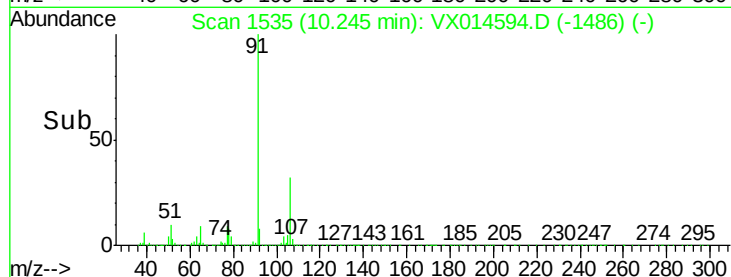
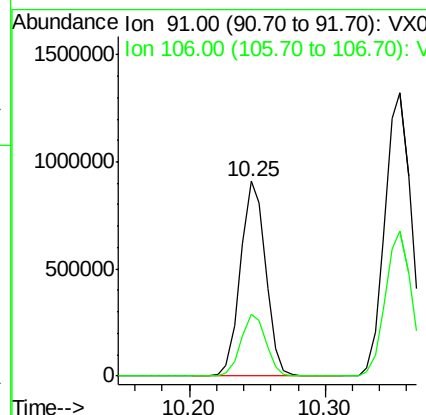
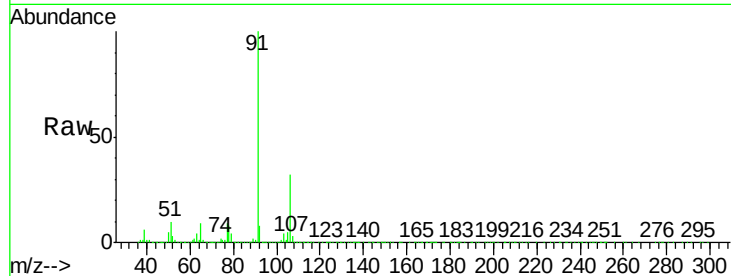




#67
Ethyl Benzene
Concen: 49.198 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

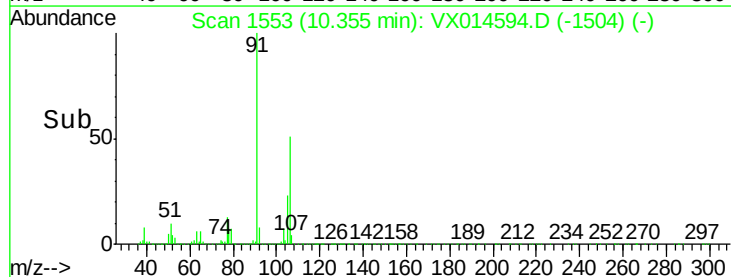
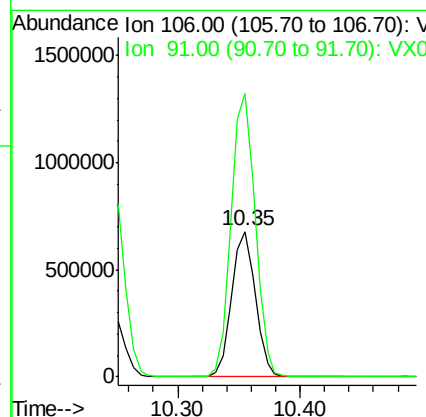
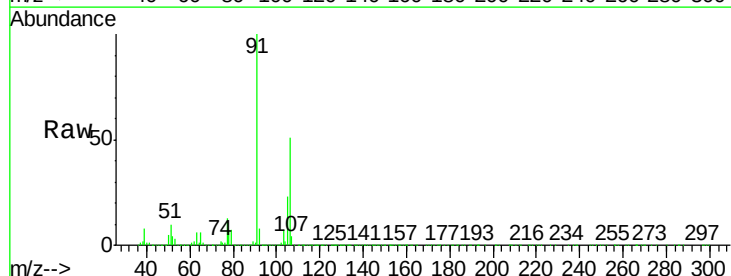
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

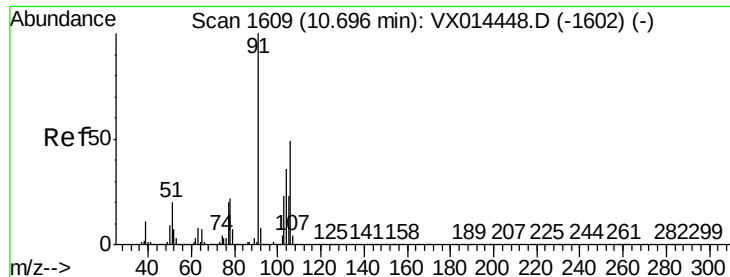
Tgt Ion: 91 Resp: 1175348
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 97.960 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion: 106 Resp: 902871
Ion Ratio Lower Upper
106 100
91 198.7 157.4 236.0

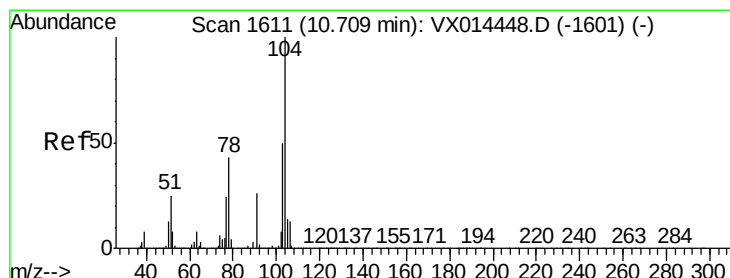
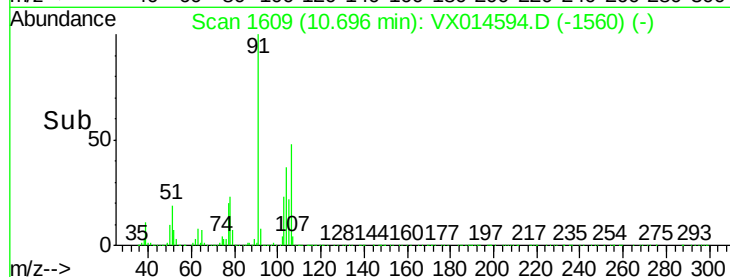
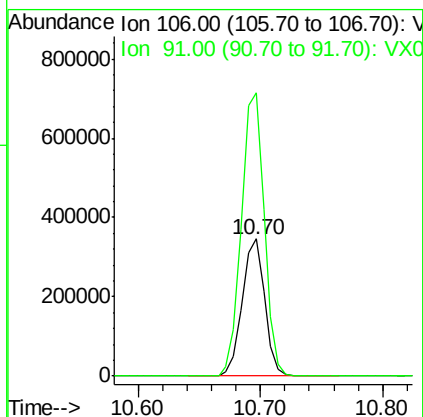
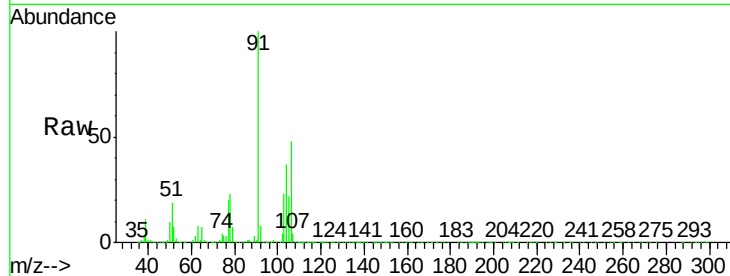




#69
o-Xylene
Concen: 49.963 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

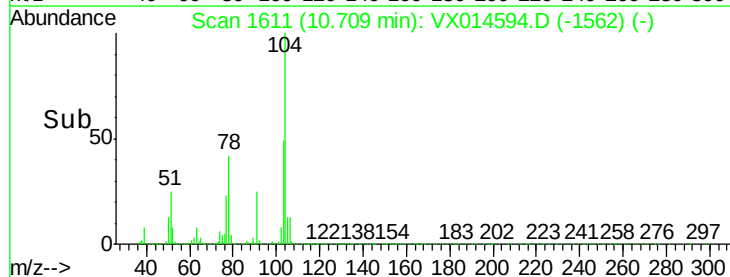
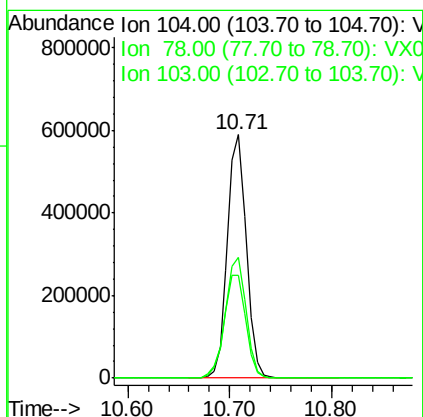
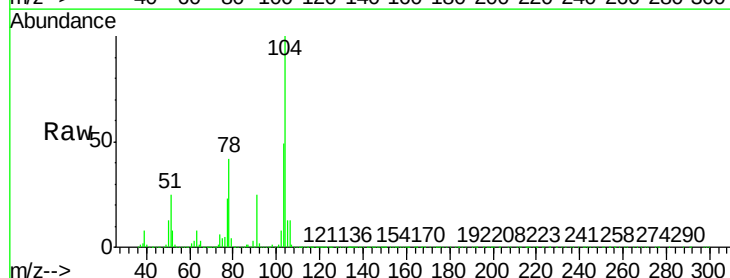
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

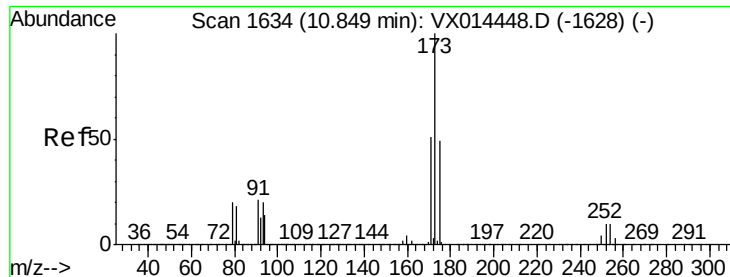
Tgt Ion:106 Resp: 439372
Ion Ratio Lower Upper
106 100
91 210.2 105.1 315.1



#70
Styrene
Concen: 49.947 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014594.D
Acq: 13 Jan 2020 18:04

Tgt Ion:104 Resp: 757998
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 54.1 43.7 65.5





#71

Bromoform

Concen: 50.344 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

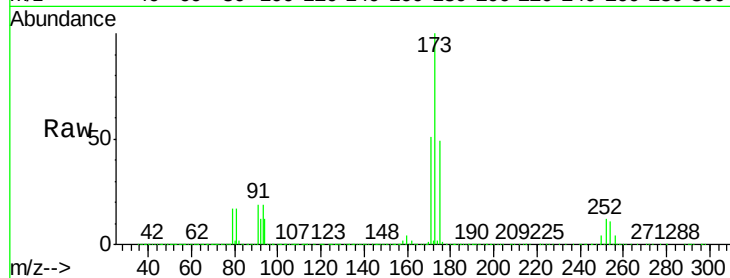
Tgt Ion:173 Resp: 206035

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

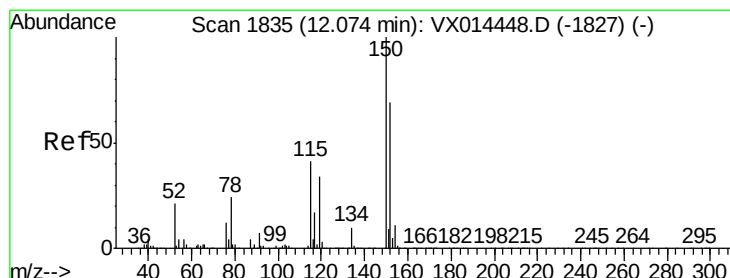
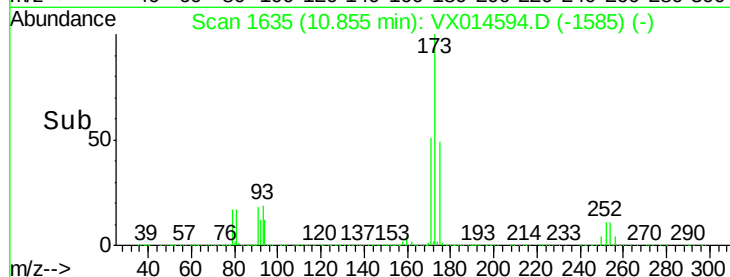
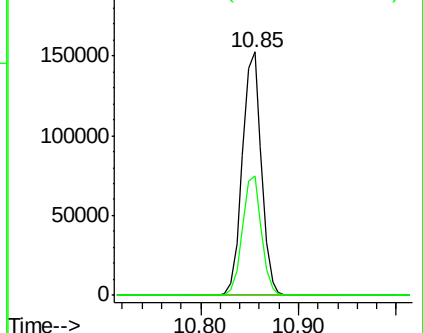
254 0.3 0.2 0.2#



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: VX014594.D

Acq: 13 Jan 2020 18:04

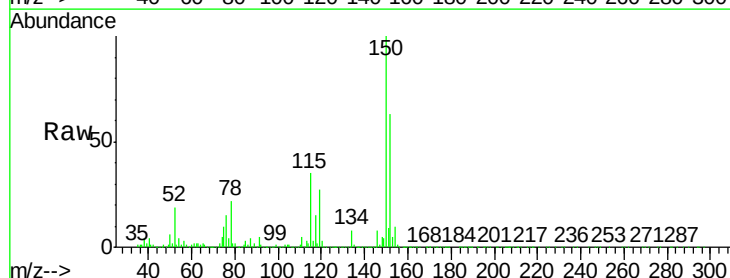
Tgt Ion:152 Resp: 328615

Ion Ratio Lower Upper

152 100

115 77.4 39.5 118.3

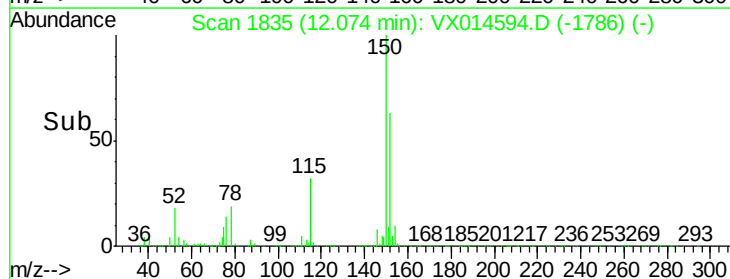
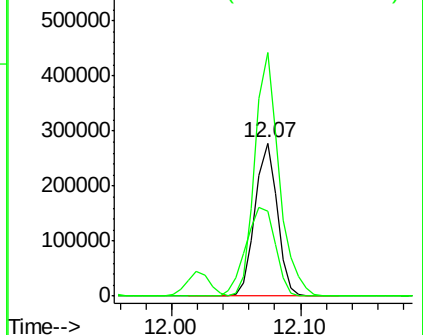
150 173.7 0.0 350.2

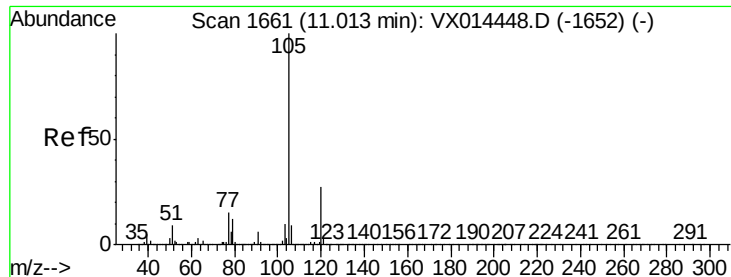


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.277 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

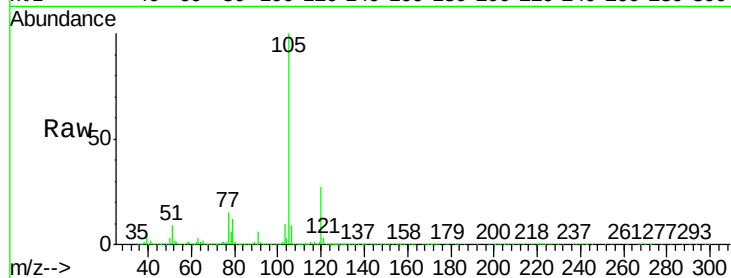
VSTDCCC050EC

Tgt Ion:105 Resp: 1160177

Ion Ratio Lower Upper

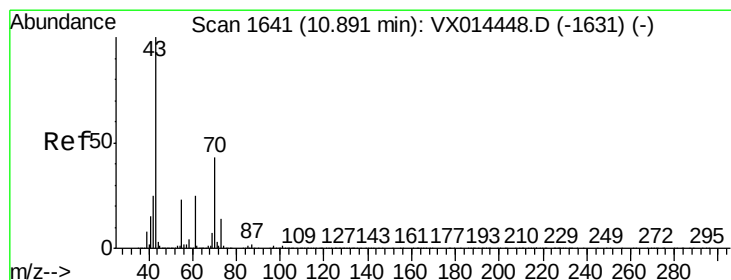
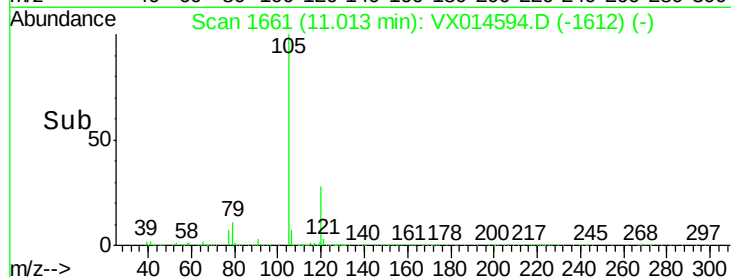
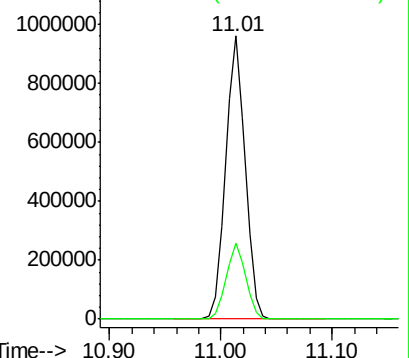
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.334 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion: 43 Resp: 542978

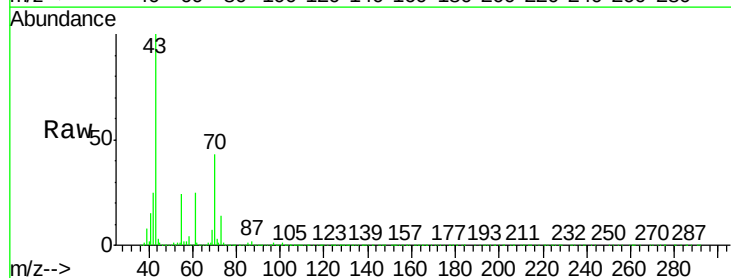
Ion Ratio Lower Upper

43 100

70 43.8 35.1 52.7

55 23.6 19.3 28.9

61 25.1 20.0 30.0

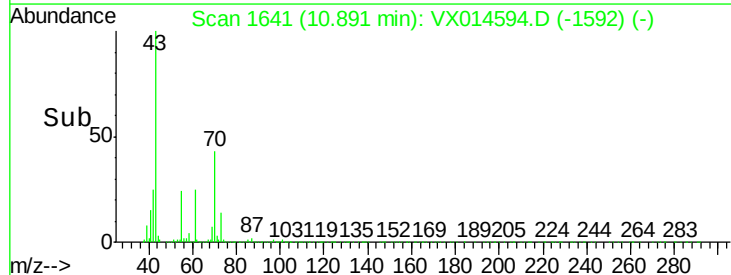
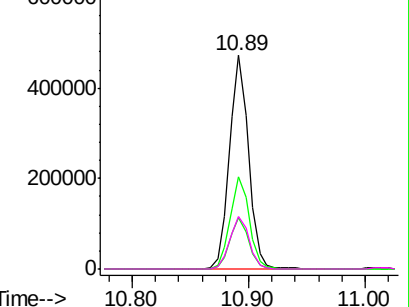


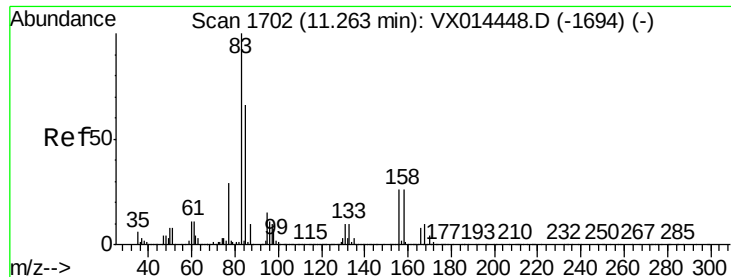
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.659 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

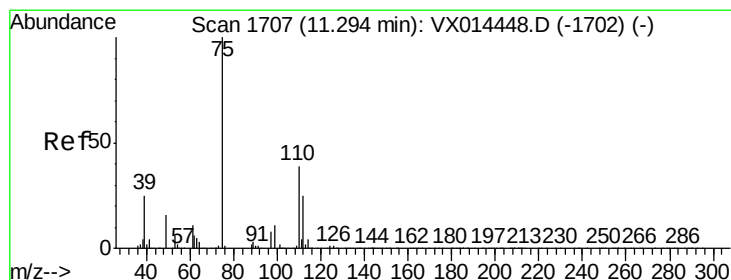
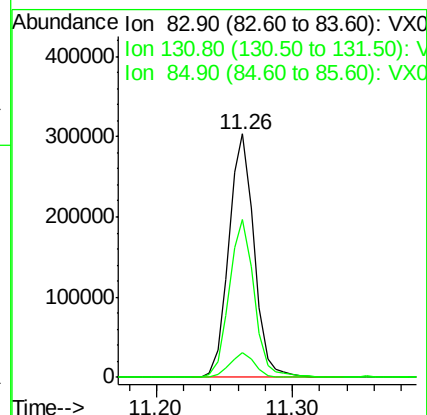
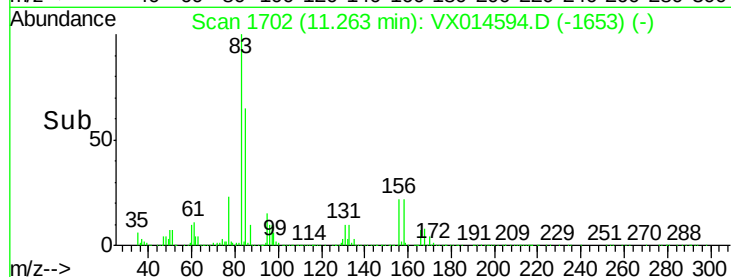
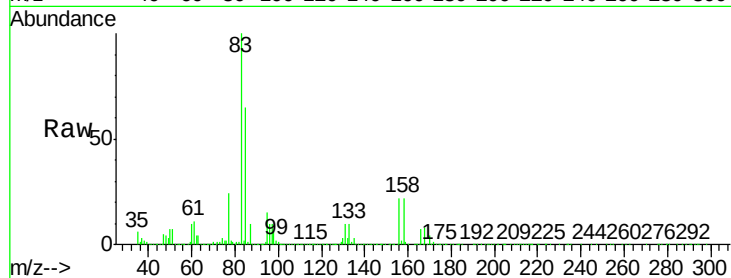
Tgt Ion: 83 Resp: 389696

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

85 64.3 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 66.383 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014594.D

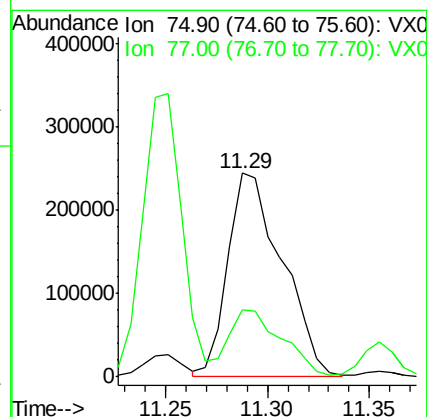
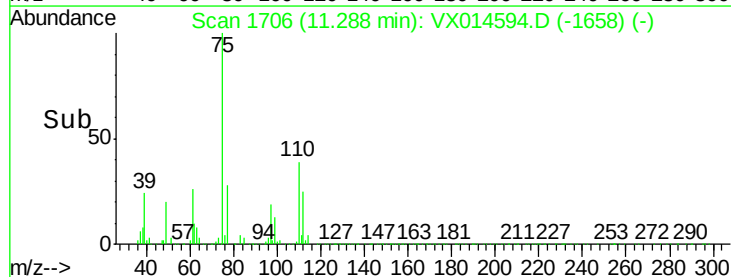
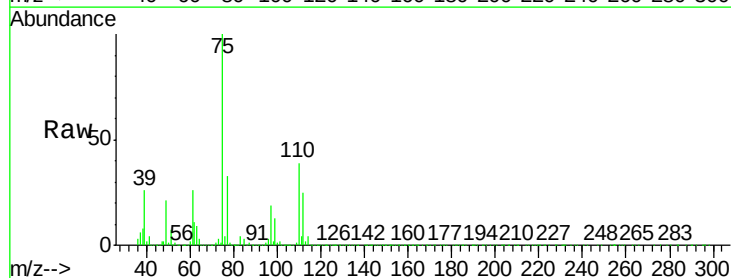
Acq: 13 Jan 2020 18:04

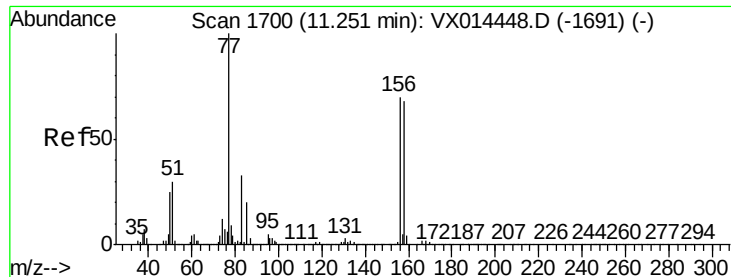
Tgt Ion: 75 Resp: 451343

Ion Ratio Lower Upper

75 100

77 32.7 21.9 65.7





#77

Bromobenzene

Concen: 47.264 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

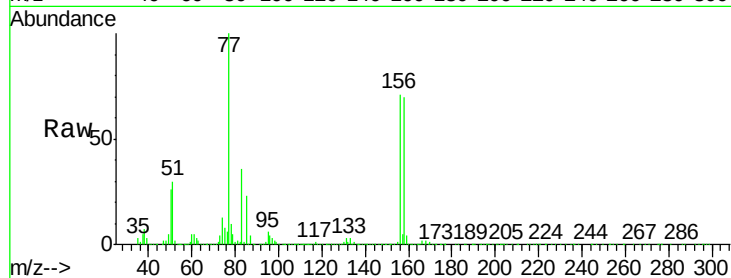
Tgt Ion:156 Resp: 302463

Ion Ratio Lower Upper

156 100

77 149.3 75.4 226.3

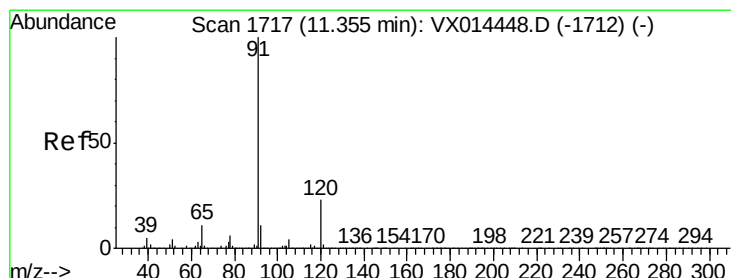
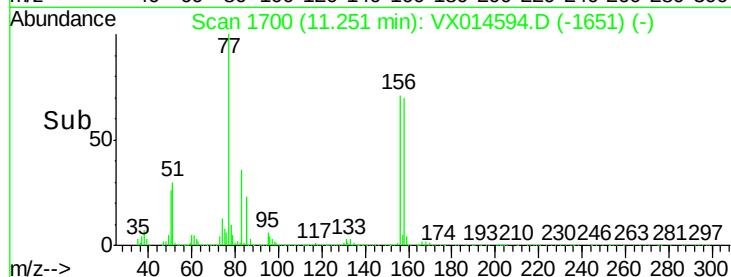
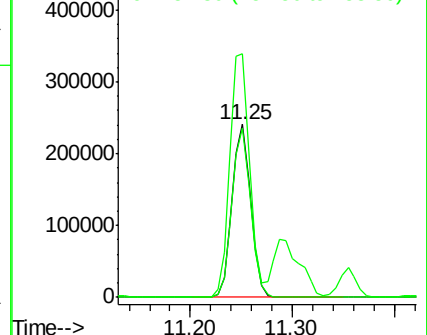
158 97.7 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.139 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014594.D

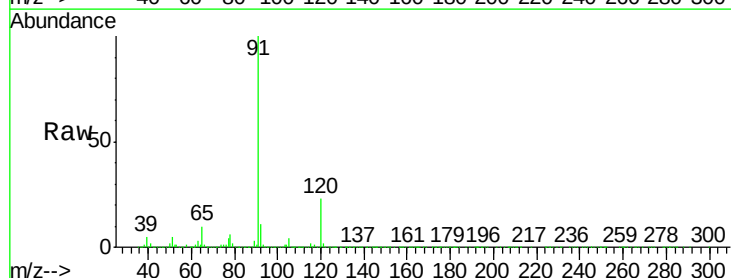
Acq: 13 Jan 2020 18:04

Tgt Ion: 91 Resp: 1325060

Ion Ratio Lower Upper

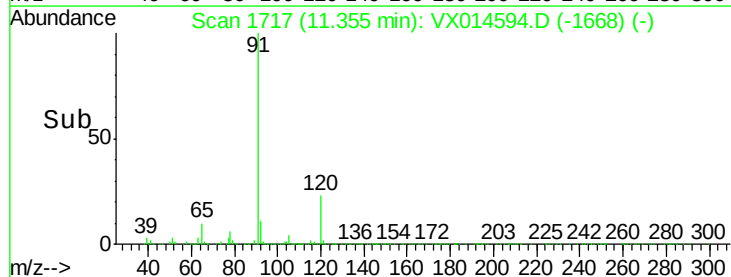
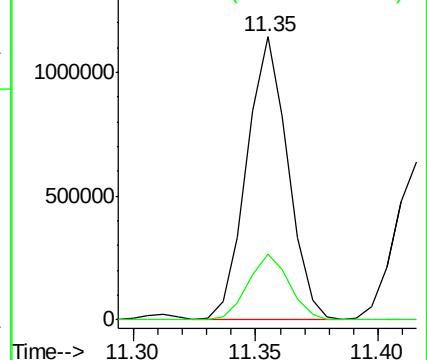
91 100

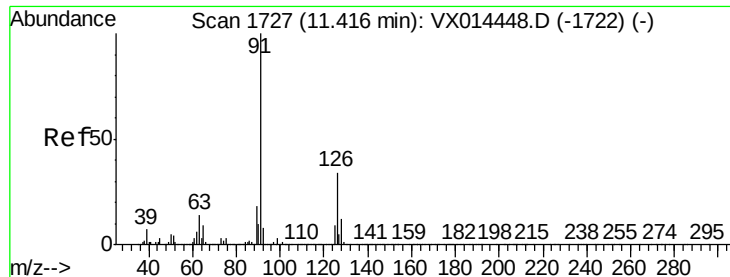
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.198 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

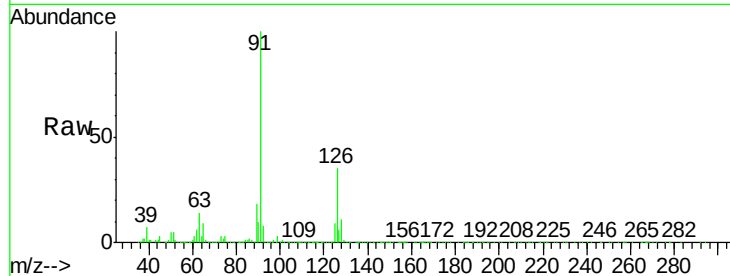
VSTDCCC050EC

Tgt Ion: 91 Resp: 774901

Ion Ratio Lower Upper

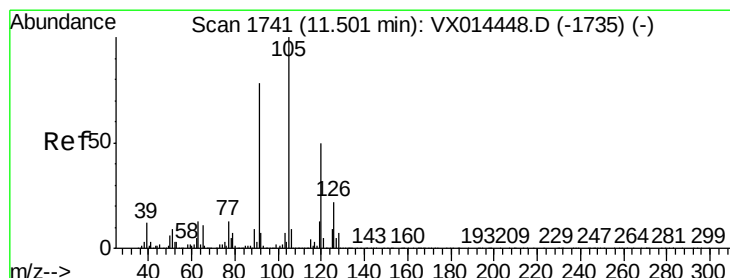
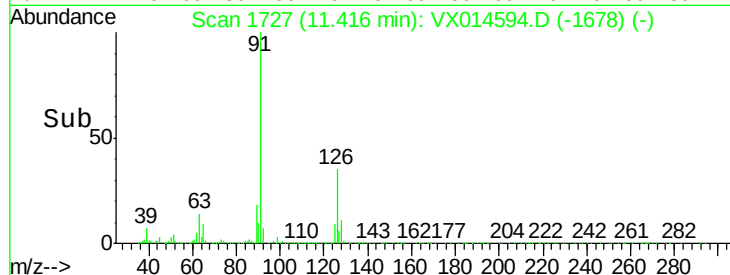
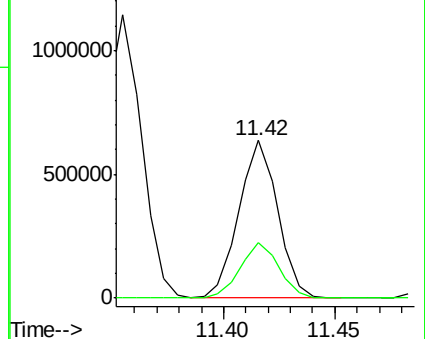
91 100

126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.250 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014594.D

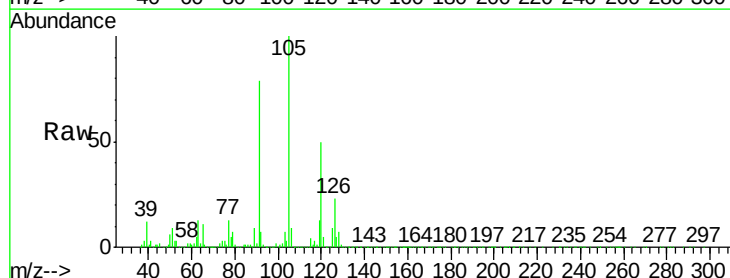
Acq: 13 Jan 2020 18:04

Tgt Ion: 105 Resp: 962713

Ion Ratio Lower Upper

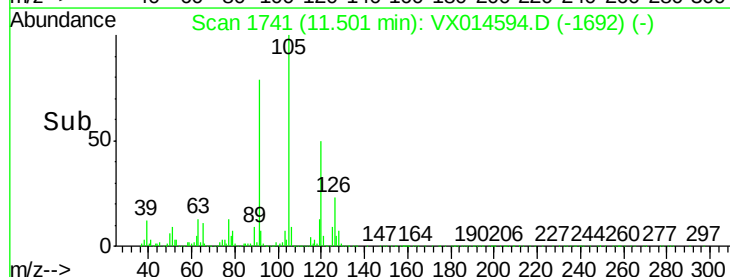
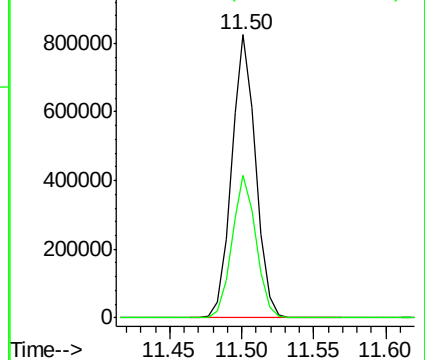
105 100

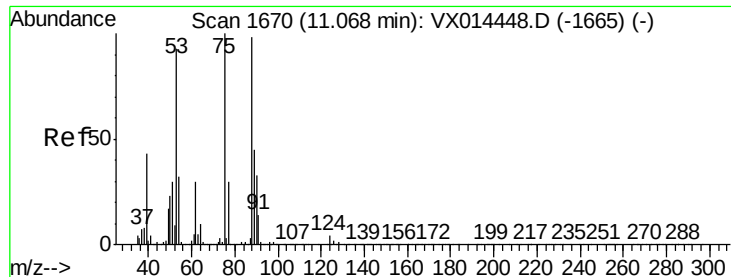
120 50.4 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.518 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

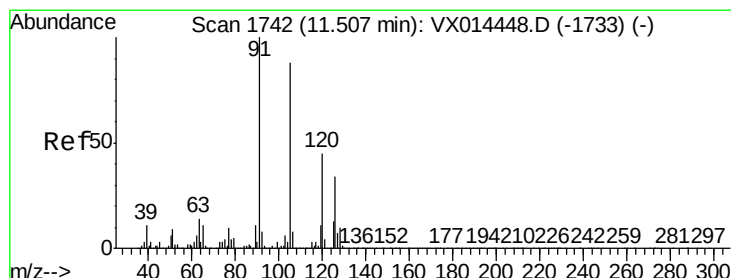
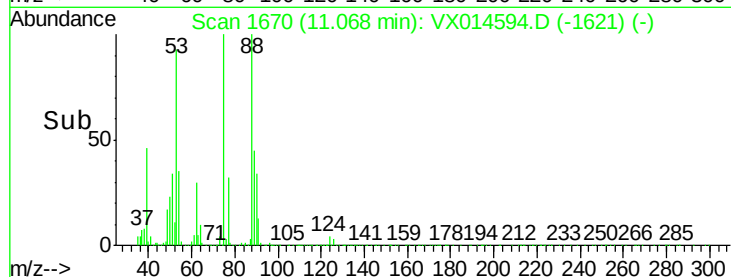
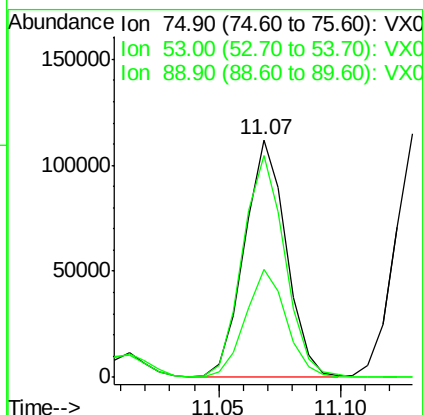
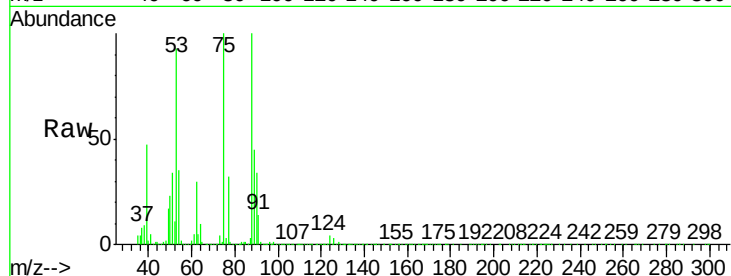
Tgt Ion: 75 Resp: 132489

Ion Ratio Lower Upper

75 100

53 94.2 74.8 112.2

89 45.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 48.229 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014594.D

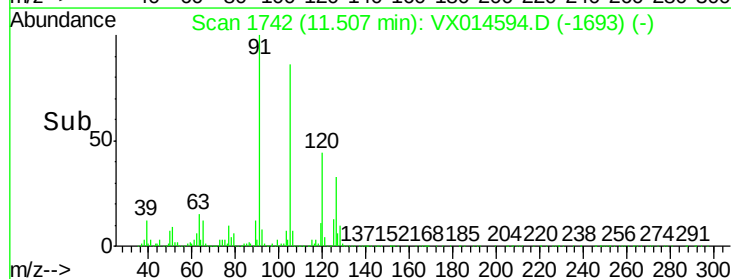
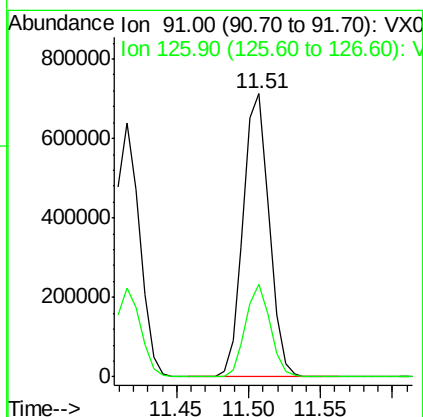
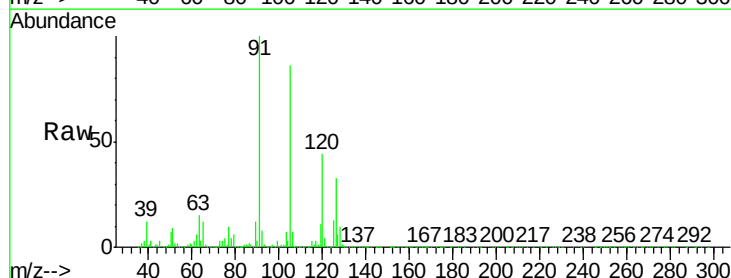
Acq: 13 Jan 2020 18:04

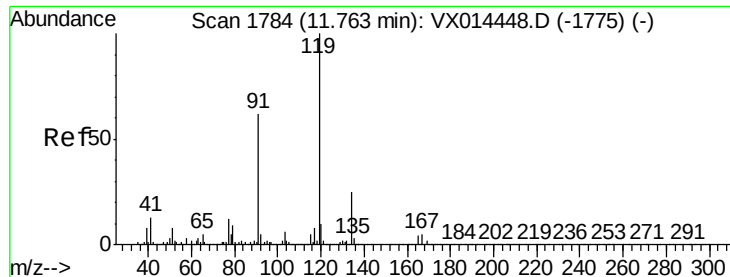
Tgt Ion: 91 Resp: 891679

Ion Ratio Lower Upper

91 100

126 31.0 15.9 47.7





#83

tert-Butylbenzene

Concen: 51.143 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

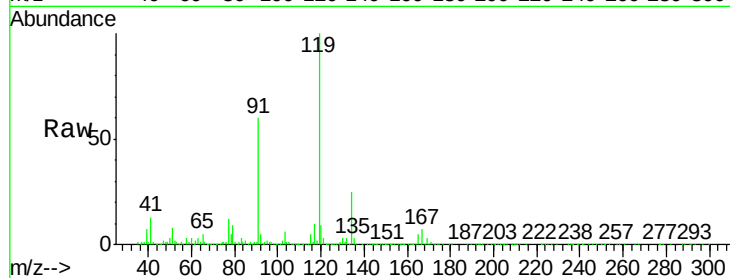
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

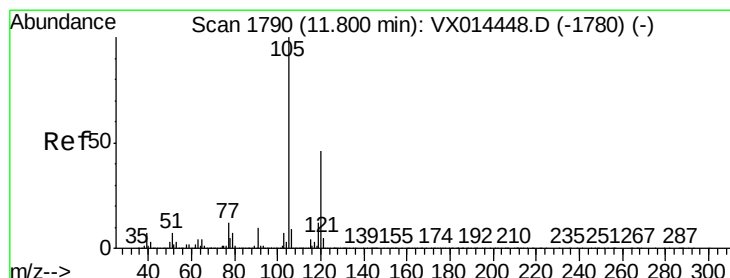
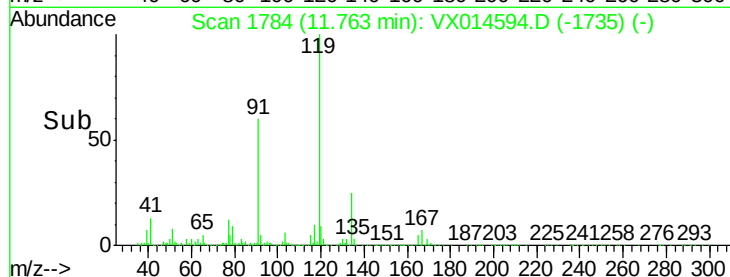
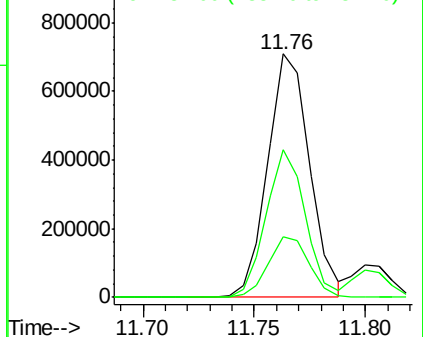
Tgt Ion:	119	Resp:	925794
Ion	Ratio	Lower	Upper
119	100		
91	56.8	29.3	88.0
134	24.5	12.4	37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.223 ug/l

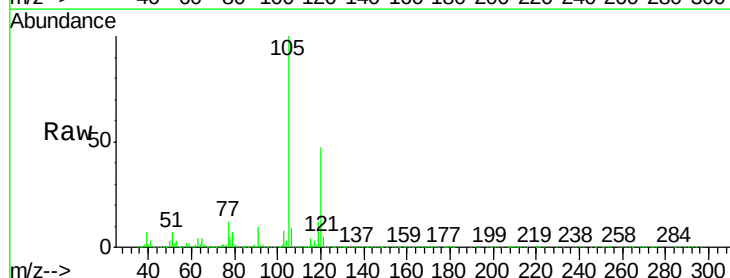
RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014594.D

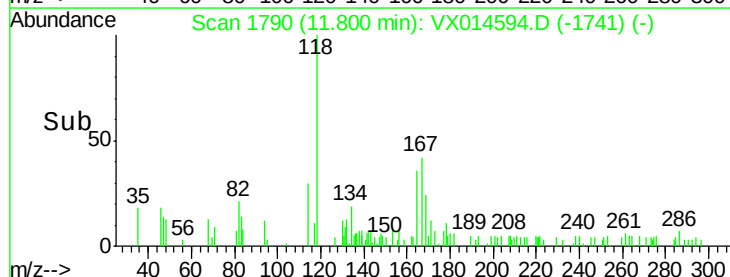
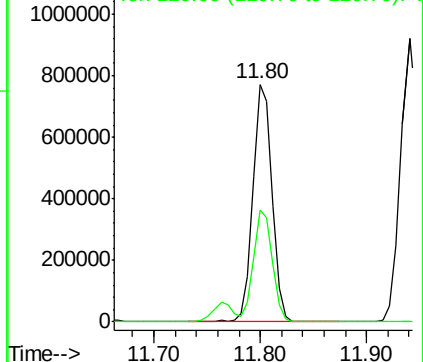
Acq: 13 Jan 2020 18:04

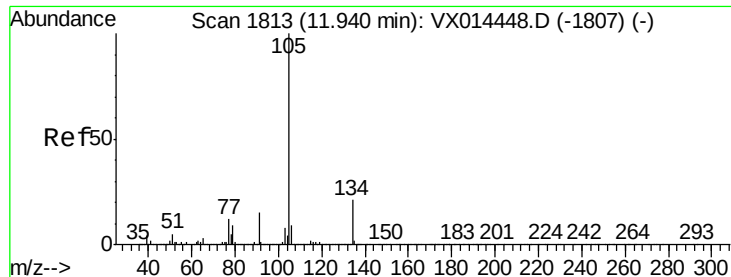
Tgt Ion:	105	Resp:	972270
Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.210 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

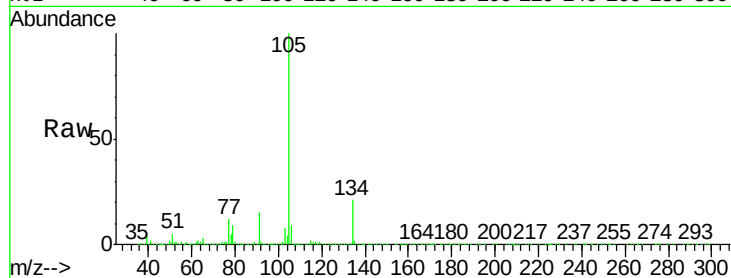
VSTDCCC050EC

Tgt Ion:105 Resp: 1107404

Ion Ratio Lower Upper

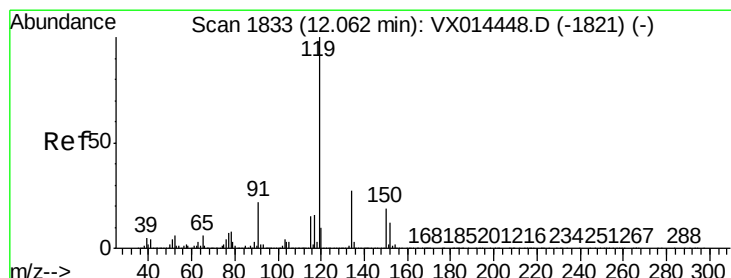
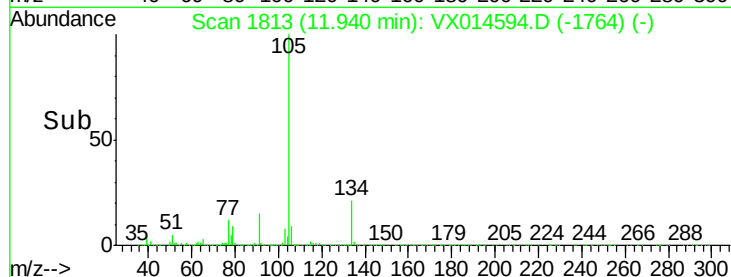
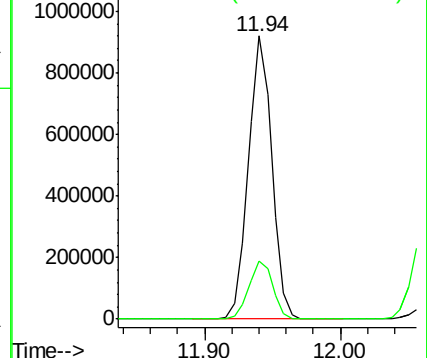
105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.967 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

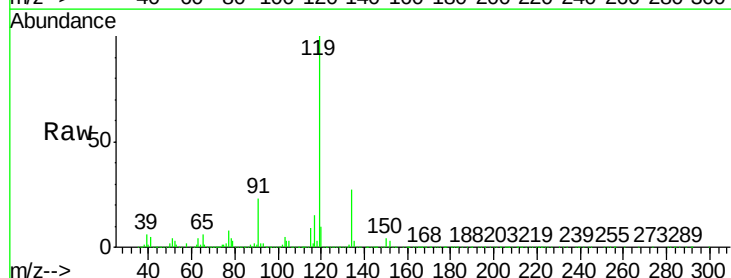
Tgt Ion:119 Resp: 1043423

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

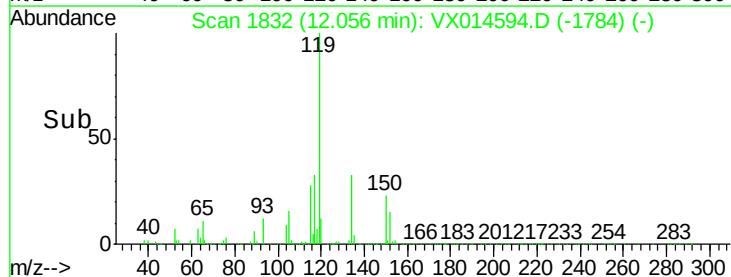
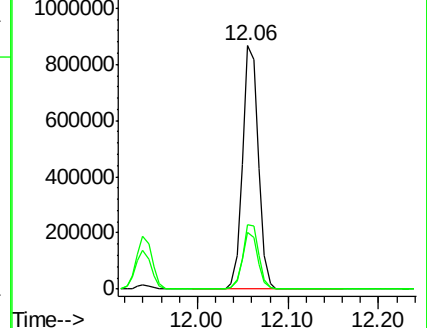
91 22.6 11.1 33.3

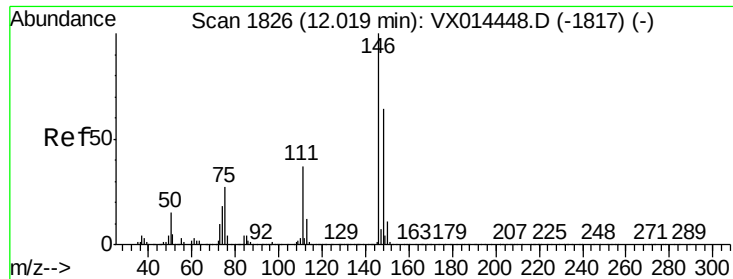


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

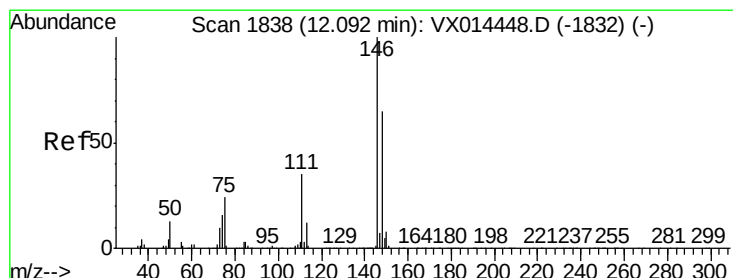
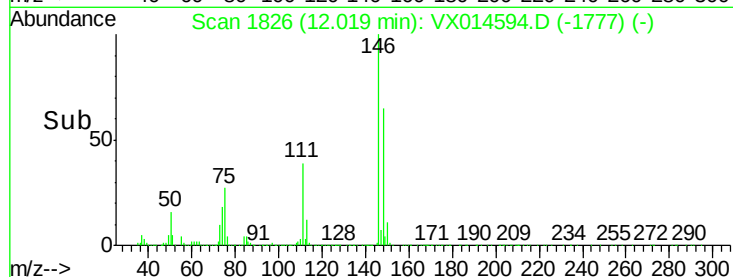
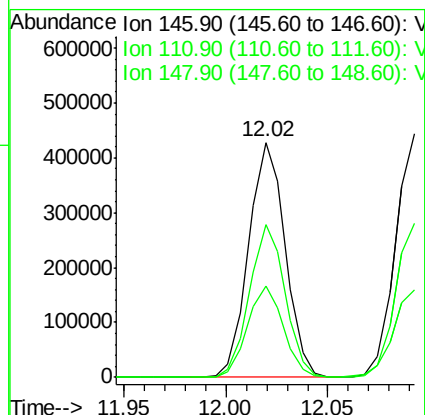
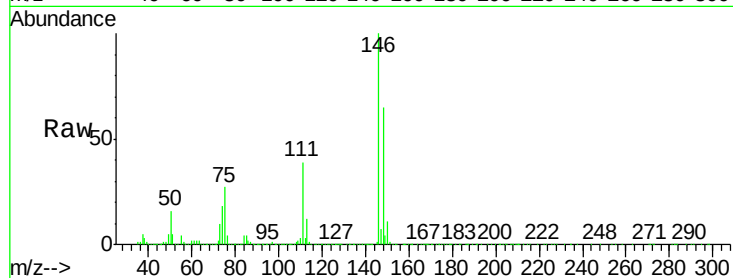




#87
 1,3-Dichlorobenzene
 Concen: 46.486 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

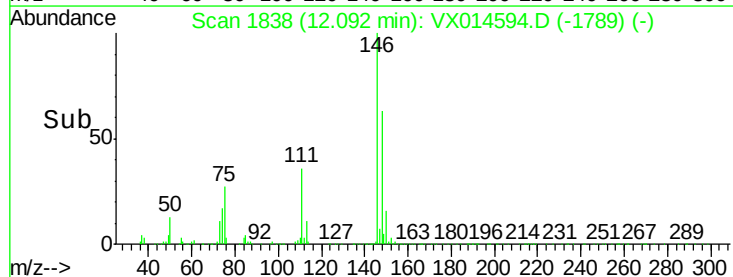
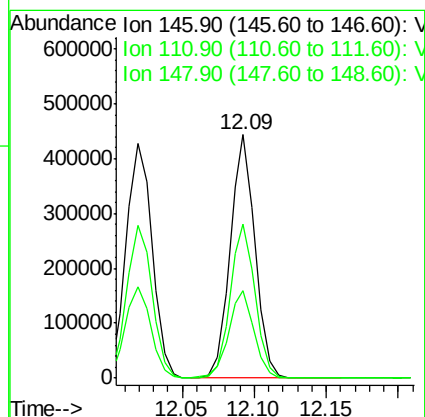
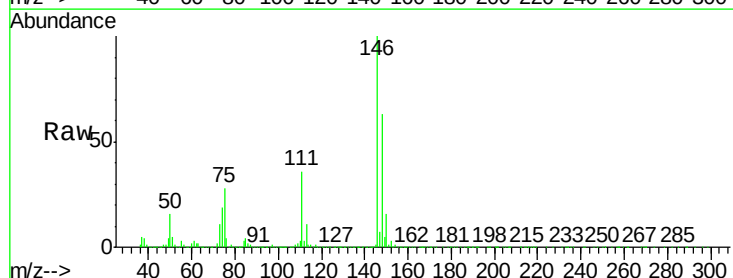
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

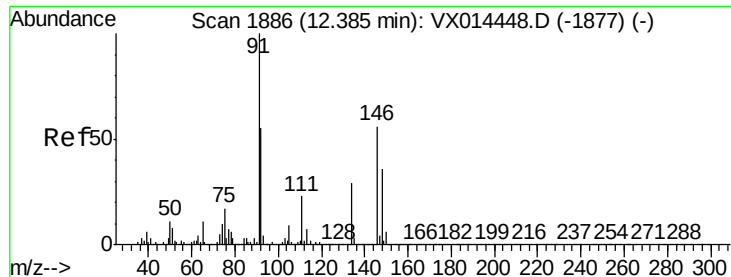
Tgt Ion:146 Resp: 533882
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.527 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion:146 Resp: 534437
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.1
 148 63.6 32.1 96.3





#89

n-Butylbenzene

Concen: 46.935 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

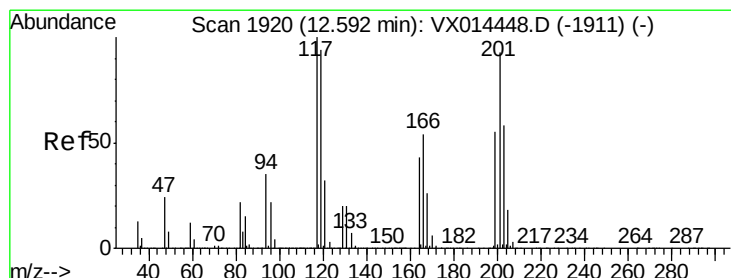
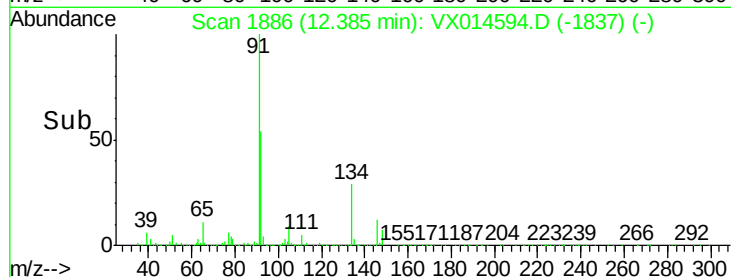
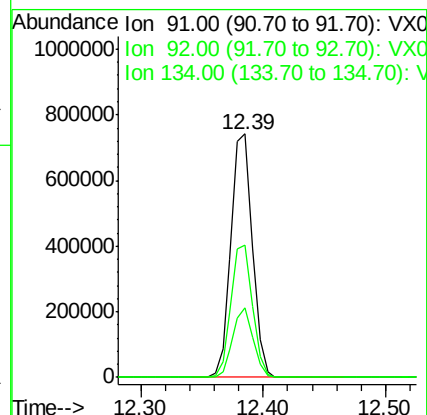
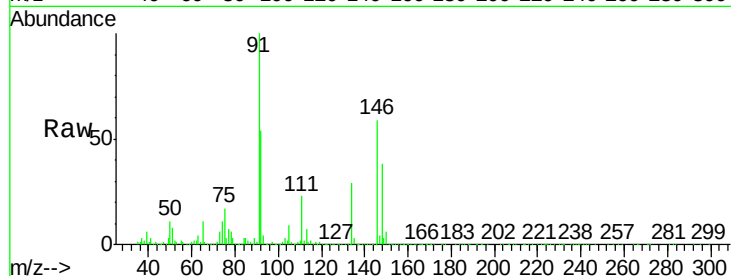
Tgt Ion: 91 Resp: 896148

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.2

134 27.3 13.9 41.7



#90

Hexachloroethane

Concen: 50.123 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014594.D

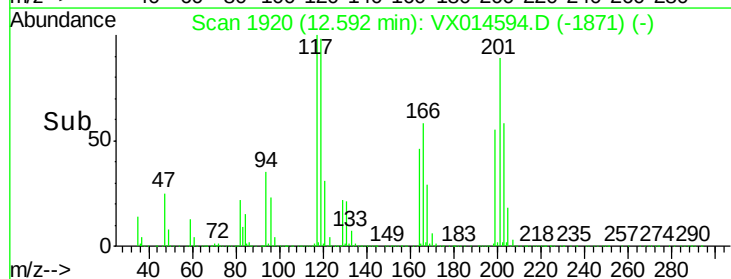
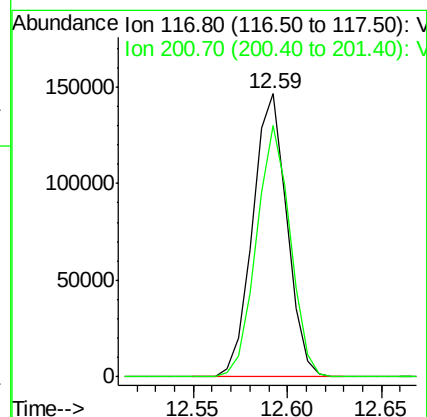
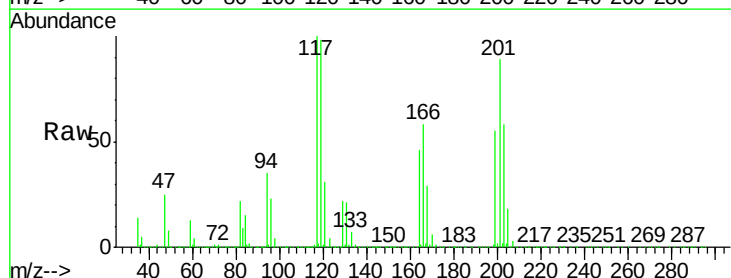
Acq: 13 Jan 2020 18:04

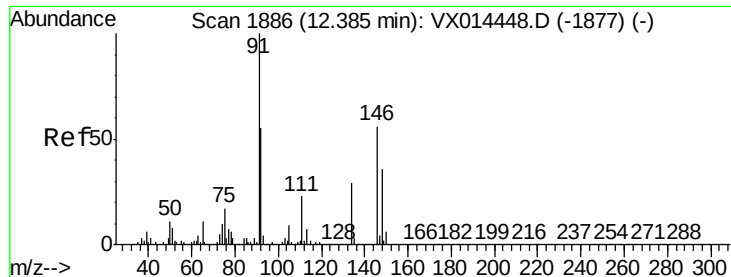
Tgt Ion: 117 Resp: 183856

Ion Ratio Lower Upper

117 100

201 88.1 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 47.857 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

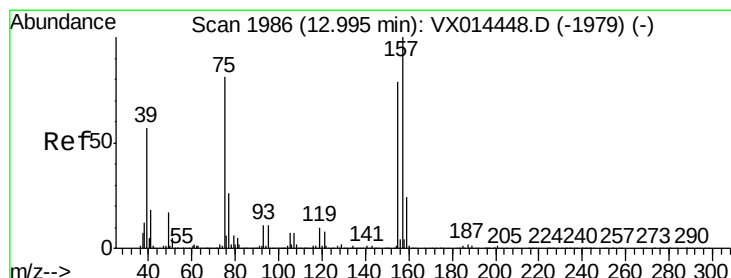
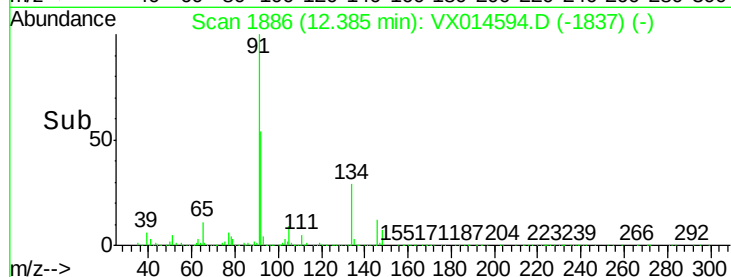
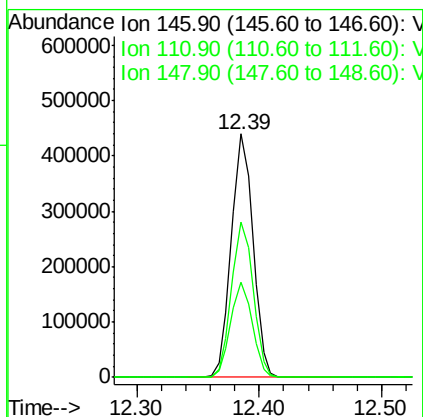
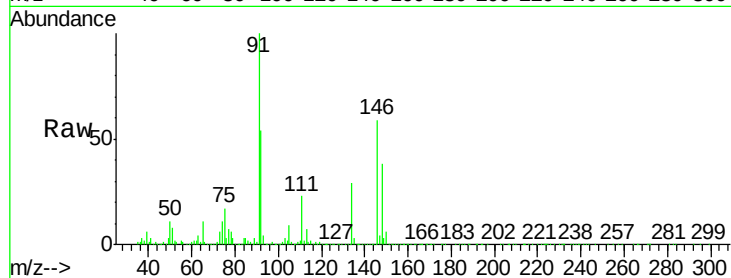
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	538495
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.4
148	63.8	32.3	96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.644 ug/l

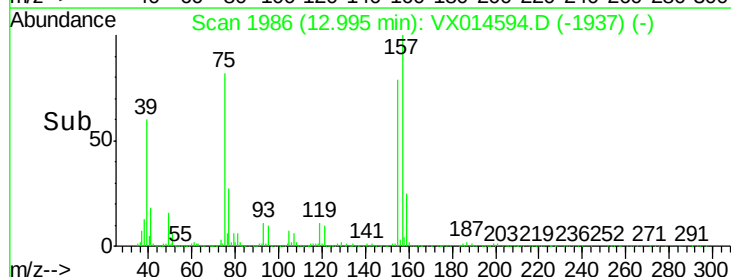
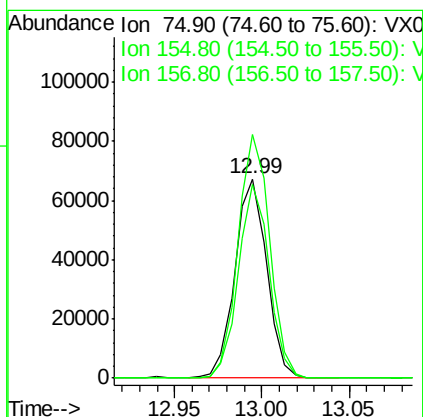
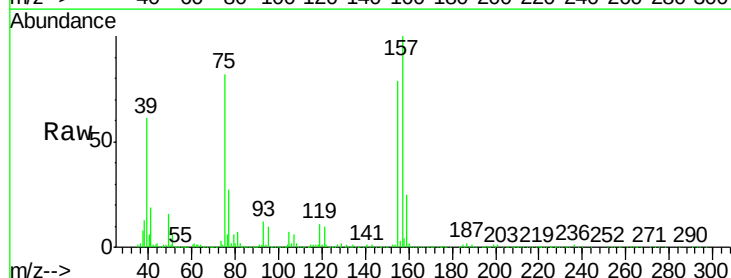
RT: 12.99 min Scan# 1986

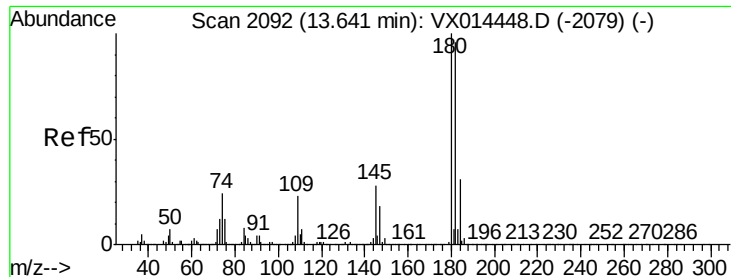
Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Tgt Ion:	75	Resp:	84303
Ion	Ratio	Lower	Upper
75	100		
155	94.8	48.7	146.1
157	122.9	62.0	185.9

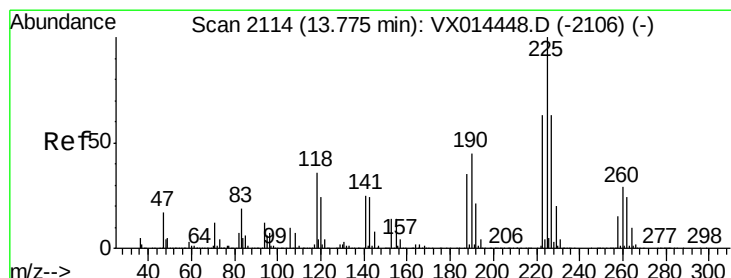
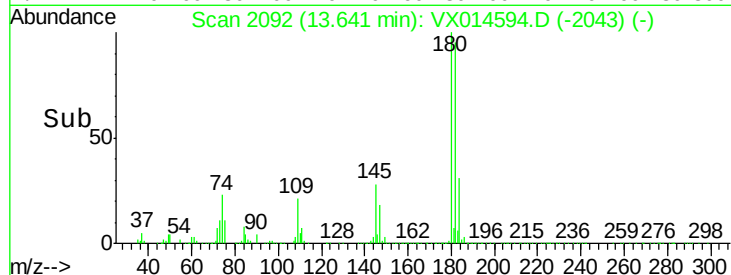
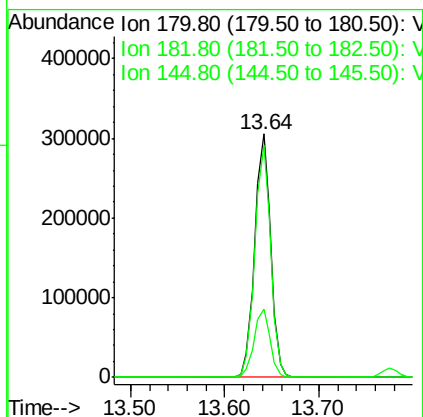
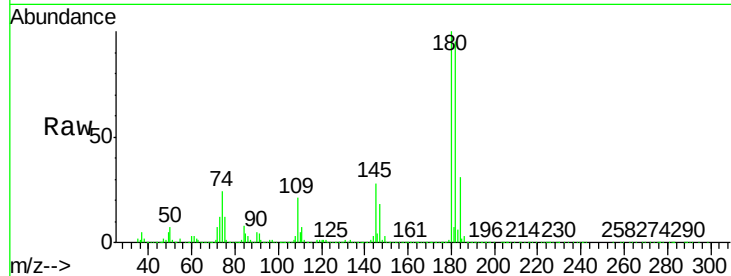




#93
 1,2,4-Trichlorobenzene
 Concen: 46.643 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

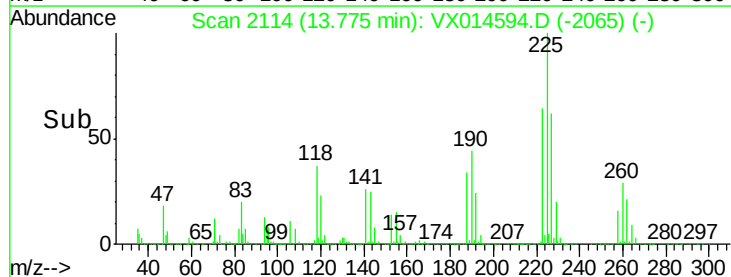
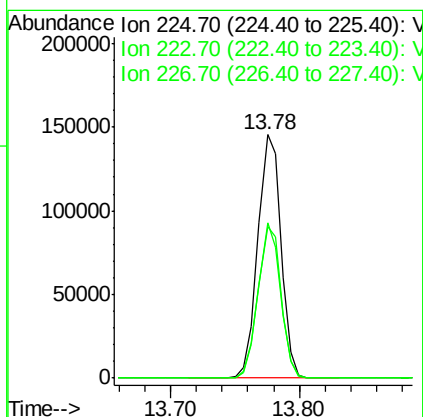
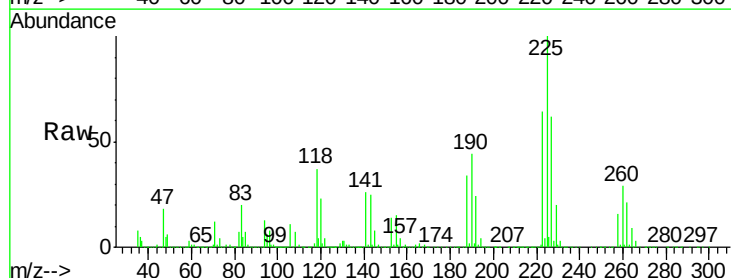
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

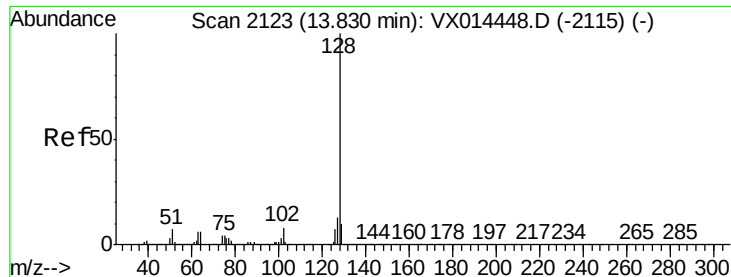
Tgt Ion:180 Resp: 368412
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.5 142.5
 145 28.1 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 48.430 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014594.D
 Acq: 13 Jan 2020 18:04

Tgt Ion:225 Resp: 179123
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.1 93.2
 227 62.2 31.4 94.2





#95

Naphthalene

Concen: 45.798 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

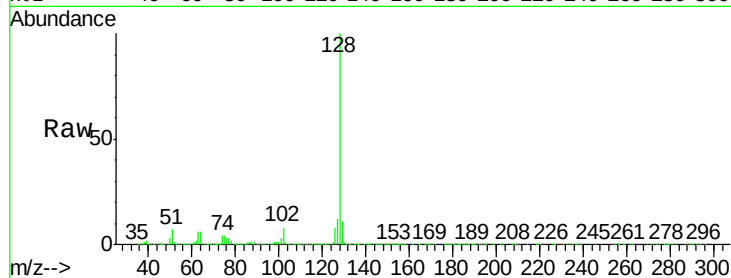
Tgt Ion:128 Resp: 1122604

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

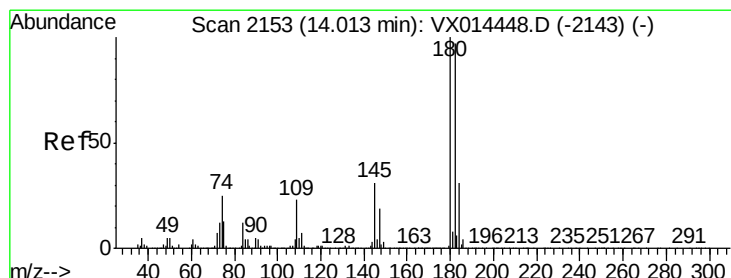
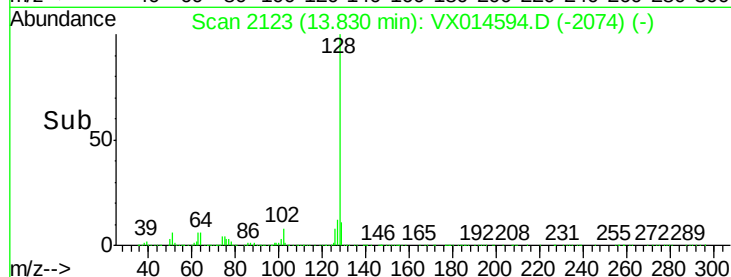
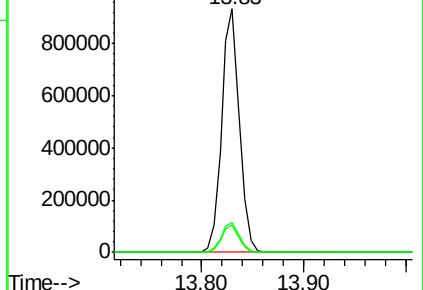
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.889 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014594.D

Acq: 13 Jan 2020 18:04

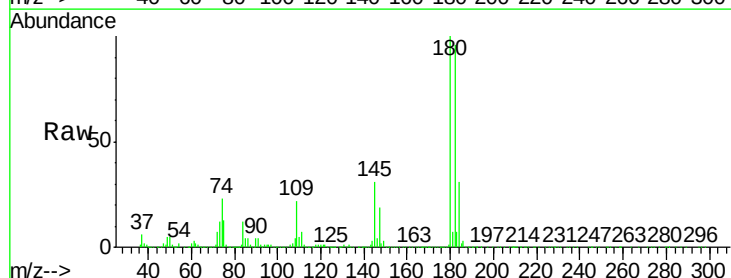
Tgt Ion:180 Resp: 363546

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.6

145 30.6 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

