

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030220\
 Data File : VX015061.D
 Acq On : 02 Mar 2020 09:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 02 16:05:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	410264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	613971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	572607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	228338	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.48	113	191804	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	733596	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	269262	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	180673	46.50	ug/l	98
3) Chloromethane	1.32	50	210431	47.77	ug/l	99
4) Vinyl Chloride	1.41	62	214040	45.11	ug/l	98
5) Bromomethane	1.63	94	125648	40.91	ug/l	99
6) Chloroethane	1.72	64	133975	44.13	ug/l	99
7) Trichlorofluoromethane	1.92	101	274281	41.37	ug/l	98
8) Diethyl Ether	2.18	74	120249	43.74	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	176275	45.81	ug/l	99
10) Methyl Iodide	2.50	142	199891	46.89	ug/l	98
11) Tert butyl alcohol	3.03	59	186481	228.11	ug/l	100
12) 1,1-Dichloroethene	2.37	96	164398	43.72	ug/l	98
13) Acrolein	2.28	56	150073	240.86	ug/l	99
14) Allyl chloride	2.72	41	317629	47.64	ug/l	92
15) Acrylonitrile	3.13	53	526667	254.13	ug/l	99
16) Acetone	2.43	43	575771	230.65	ug/l	95
17) Carbon Disulfide	2.56	76	419372	39.91	ug/l	100
18) Methyl Acetate	2.76	43	254703	54.62	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	588219	48.06	ug/l	99
20) Methylene Chloride	2.85	84	194120	43.58	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	184465	44.46	ug/l	99
22) Diisopropyl ether	3.84	45	673428	52.89	ug/l	87
23) Vinyl Acetate	3.80	43	2775156	264.37	ug/l	99
24) 1,1-Dichloroethane	3.69	63	351703	48.94	ug/l	99
25) 2-Butanone	4.65	43	856823	271.82	ug/l	97
26) 2,2-Dichloropropane	4.57	77	315715	50.98	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	239145	51.56	ug/l	99
28) Bromochloromethane	5.00	49	153850	55.23	ug/l	97
29) Tetrahydrofuran	5.11	42	506292	282.54	ug/l	97
30) Chloroform	5.20	83	374633	52.54	ug/l	100
31) Cyclohexane	5.57	56	335628	51.27	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	318707	51.10	ug/l	100
36) 1,1-Dichloropropene	5.79	75	277003	50.44	ug/l	99
37) Ethyl Acetate	4.81	43	307267	53.64	ug/l	99
38) Carbon Tetrachloride	5.77	117	275269	51.43	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	348772	50.78	ug/l	99
40) Benzene	6.13	78	859215	52.36	ug/l	100
41) Methacrylonitrile	5.03	41	173861	56.34	ug/l	99
42) 1,2-Dichloroethane	6.18	62	300212	50.62	ug/l	97
43) Isopropyl Acetate	6.43	43	516649	54.68	ug/l	99
44) Trichloroethene	7.20	130	239945	50.37	ug/l	99
45) 1,2-Dichloropropane	7.50	63	228599	54.62	ug/l	98
46) Dibromomethane	7.65	93	147560	51.58	ug/l	97
47) Bromodichloromethane	7.89	83	299290	52.77	ug/l	98
48) Methyl methacrylate	7.76	41	256245	55.10	ug/l	98
49) 1,4-Dioxane	7.73	88	88991	1023.50	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1592146	279.04	ug/l	100
52) Toluene	8.78	92	545703	52.36	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	337496	54.29	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	369165	53.76	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	226110	53.62	ug/l	98
56) Ethyl methacrylate	9.17	69	354979	56.01	ug/l	98
57) 1,3-Dichloropropane	9.36	76	377986	53.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	943591	284.67	ug/l	98
59) 2-Hexanone	9.48	43	1250786	278.89	ug/l	99
60) Dibromochloromethane	9.57	129	243643	53.69	ug/l	97
61) 1,2-Dibromoethane	9.67	107	234814	51.61	ug/l	100
64) Tetrachloroethene	9.33	164	240276	44.88	ug/l	97
65) Chlorobenzene	10.13	112	599921	51.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	222712	52.82	ug/l	98
67) Ethyl Benzene	10.25	91	1055841	53.46	ug/l	100
68) m/p-Xylenes	10.35	106	808462	106.25	ug/l	99
69) o-Xylene	10.69	106	387726	53.01	ug/l	99
70) Styrene	10.71	104	676463	54.67	ug/l	99
71) Bromoform	10.85	173	188587	53.58	ug/l	100
73) Isopropylbenzene	11.01	105	1040953	54.07	ug/l	100
74) N-amyl acetate	10.89	43	452271	56.53	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	341920	54.33	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	398157	71.72	ug/l	92
77) Bromobenzene	11.25	156	275304	51.23	ug/l	99
78) n-propylbenzene	11.35	91	1224159	54.97	ug/l	100
79) 2-Chlorotoluene	11.42	91	705742	53.91	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	881363	54.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116828	53.86	ug/l	99
82) 4-Chlorotoluene	11.51	91	827419	53.37	ug/l	100
83) tert-Butylbenzene	11.76	119	849965	55.79	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	890912	54.95	ug/l	100
85) sec-Butylbenzene	11.94	105	1051730	55.57	ug/l	99
86) p-Isopropyltoluene	12.06	119	977110	55.17	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	501360	52.00	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	502422	51.03	ug/l	100
89) n-Butylbenzene	12.39	91	884804	55.78	ug/l	100
90) Hexachloroethane	12.59	117	172505	55.78	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	499765	52.86	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70498	47.74	ug/l	99

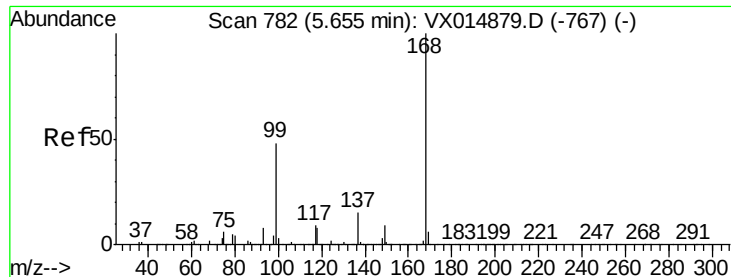
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	366084	52.46	ug/l	99
94) Hexachlorobutadiene	13.78	225	186675	55.31	ug/l	98
95) Naphthalene	13.83	128	1015218	54.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364008	53.99	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

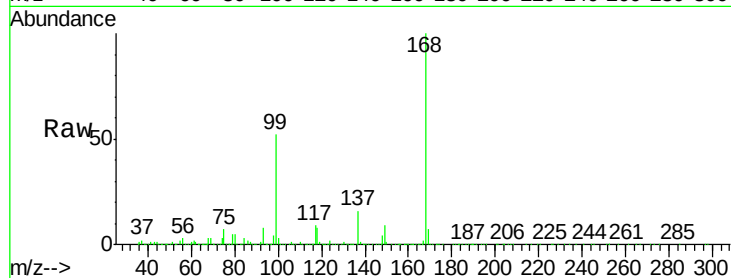
VSTDCCC050

Tgt Ion:168 Resp: 410264

Ion Ratio Lower Upper

168 100

99 51.5 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

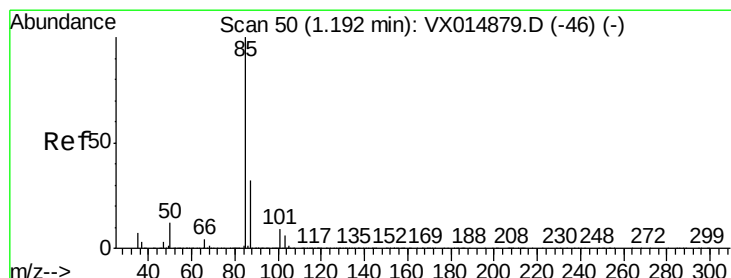
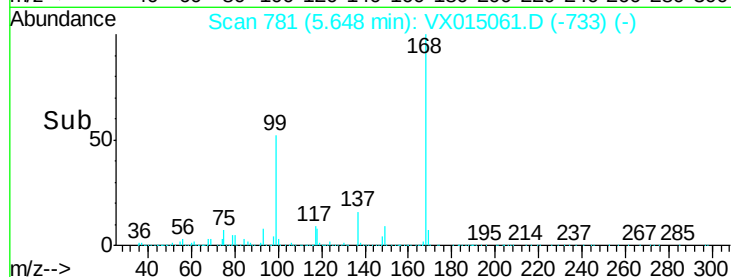
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.50 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015061.D

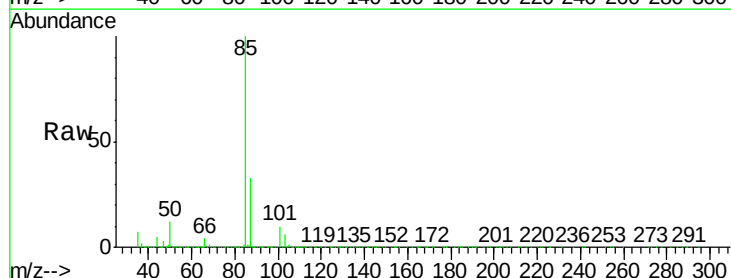
Acq: 02 Mar 2020 09:41

Tgt Ion: 85 Resp: 180673

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

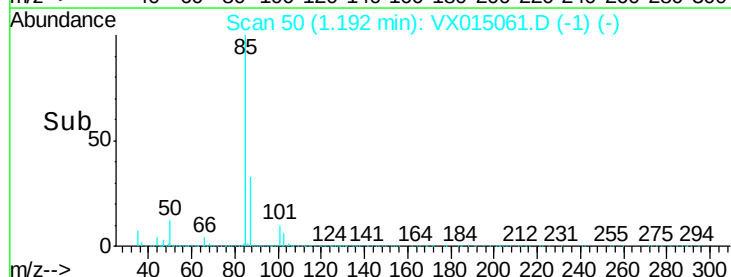
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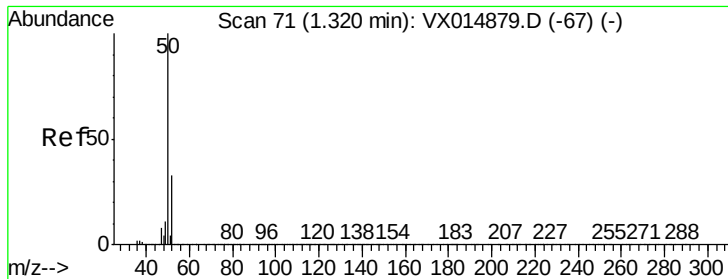
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.77 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

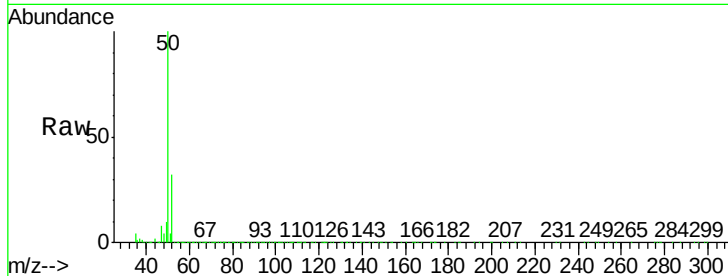
VSTDCCC050

Tgt Ion: 50 Resp: 210431

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

250000

200000

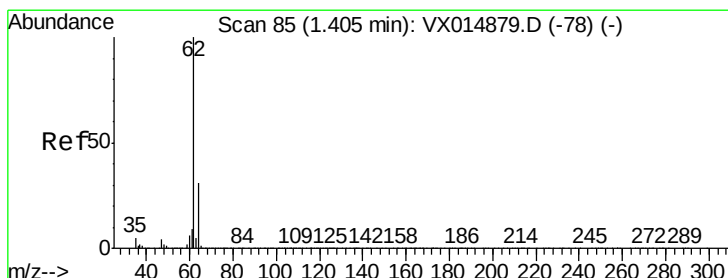
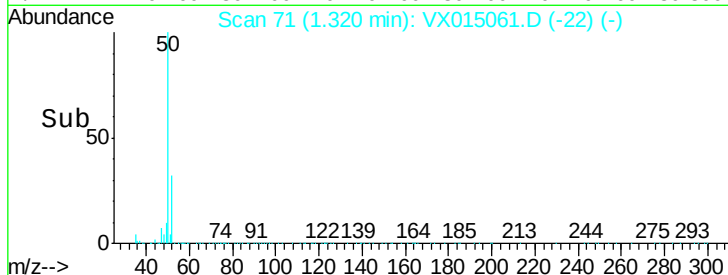
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 45.11 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015061.D

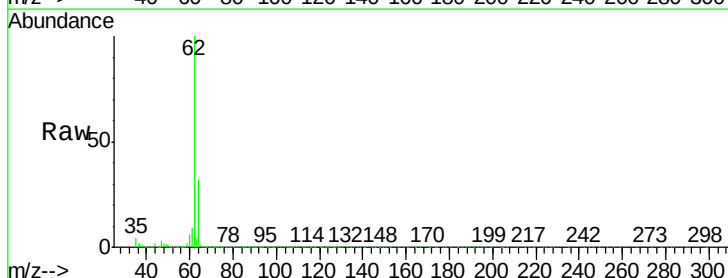
Acq: 02 Mar 2020 09:41

Tgt Ion: 62 Resp: 214040

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

200000

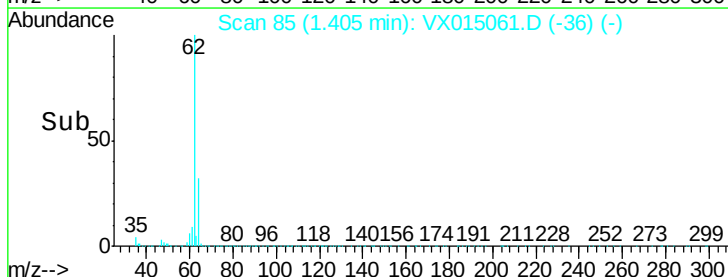
150000

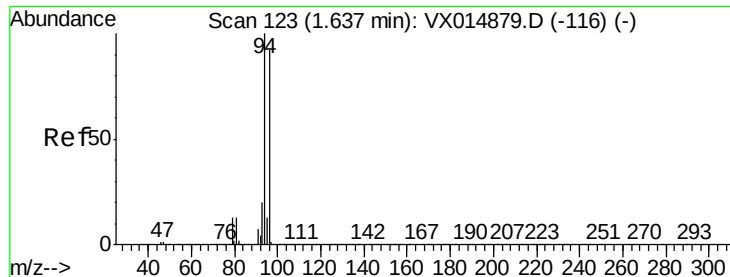
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 40.91 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

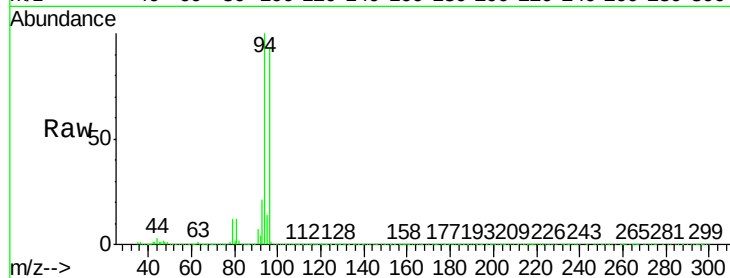
VSTDCCC050

Tgt Ion: 94 Resp: 125648

Ion Ratio Lower Upper

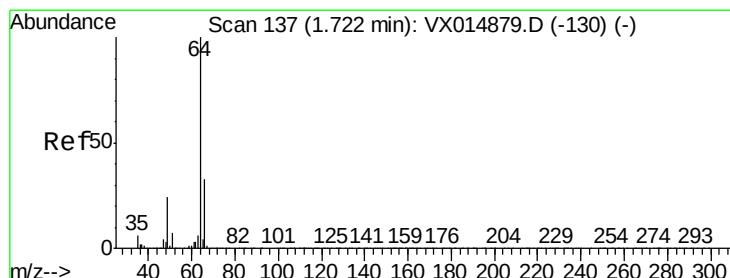
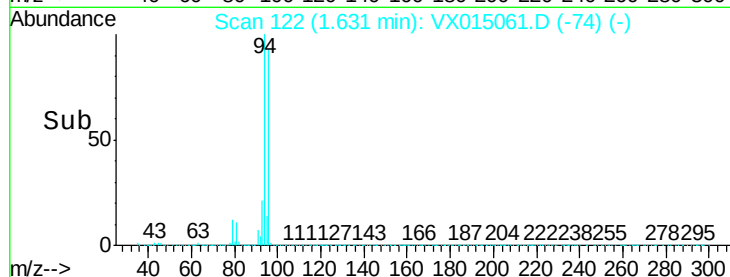
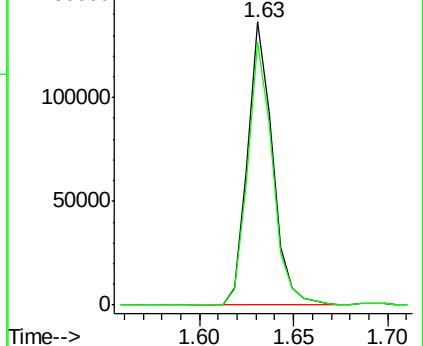
94 100

96 92.7 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.13 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015061.D

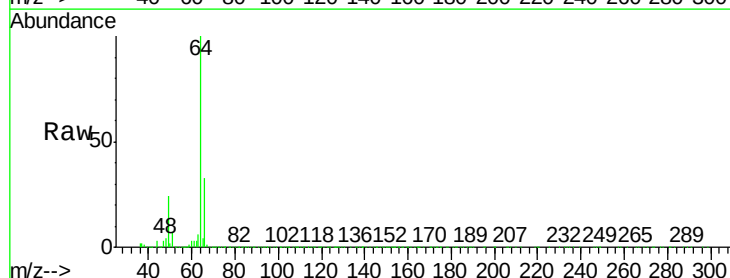
Acq: 02 Mar 2020 09:41

Tgt Ion: 64 Resp: 133975

Ion Ratio Lower Upper

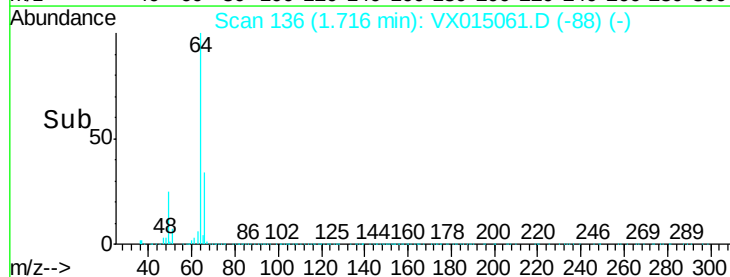
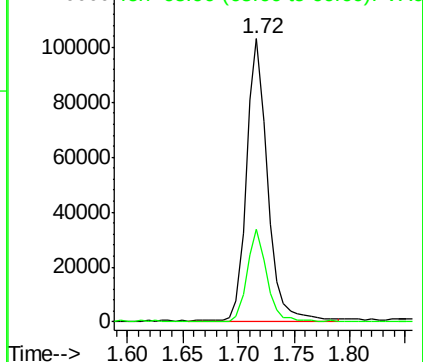
64 100

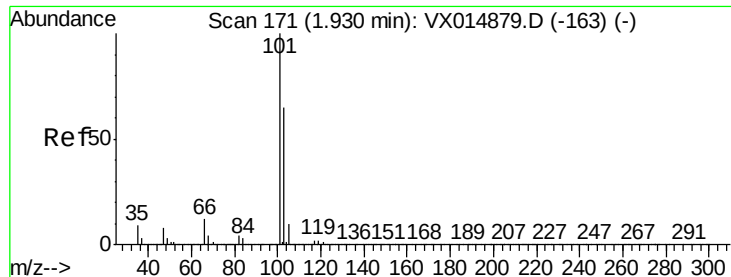
66 32.5 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



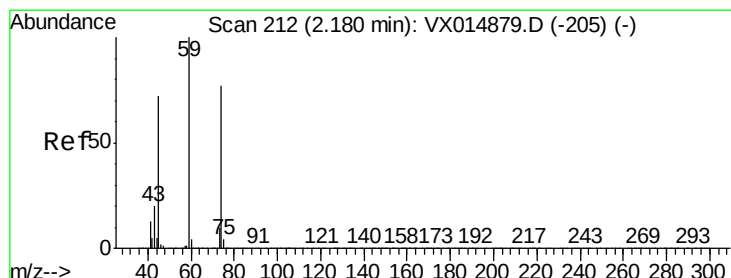
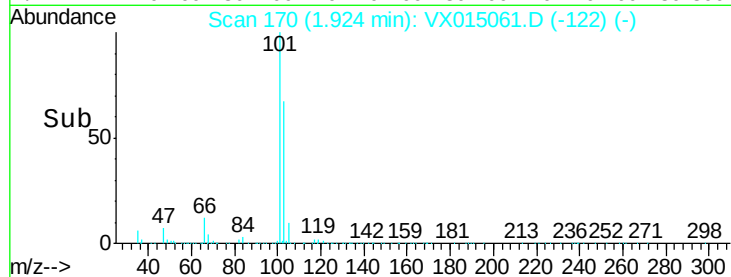
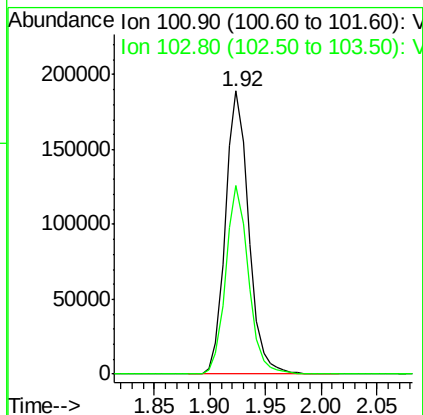
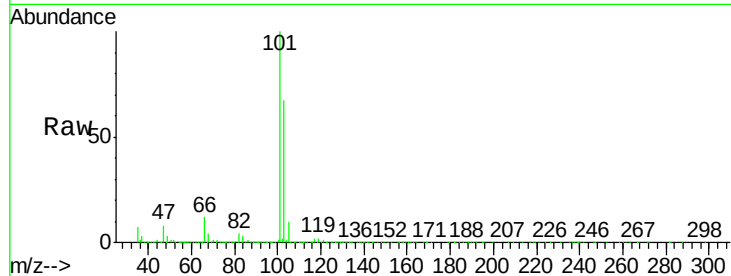


#7

Trichlorofluoromethane
Concen: 41.37 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

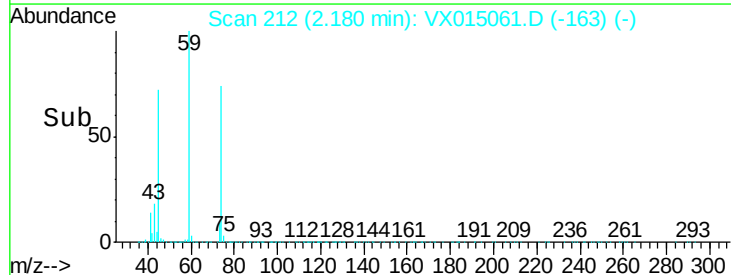
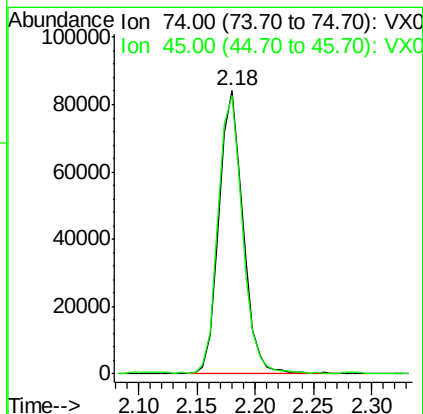
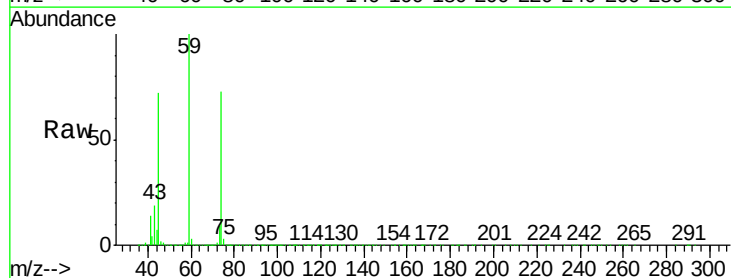
Tgt Ion:101 Resp: 274281
Ion Ratio Lower Upper
101 100
103 66.6 52.2 78.4

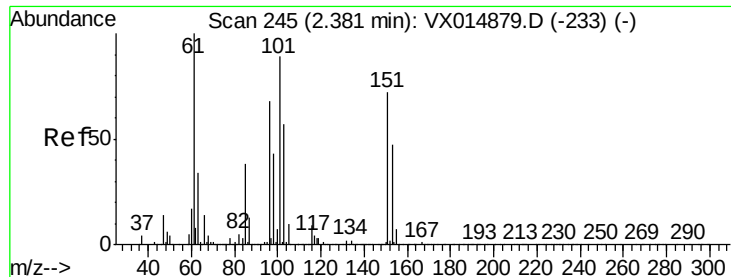


#8

Diethyl Ether
Concen: 43.74 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 74 Resp: 120249
Ion Ratio Lower Upper
74 100
45 98.8 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.81 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

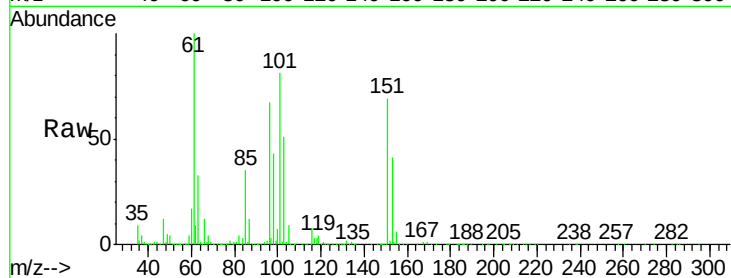
Tgt Ion:101 Resp: 176275

Ion Ratio Lower Upper

101 100

85 41.5 34.1 51.1

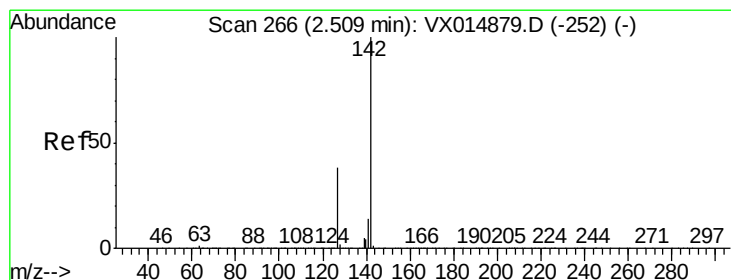
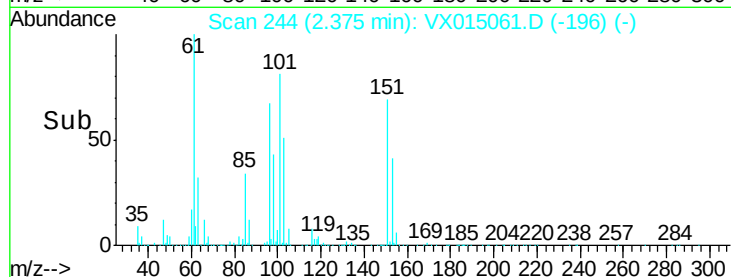
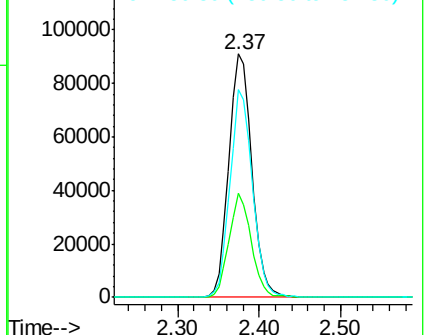
151 83.5 67.3 100.9



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: 46.89 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

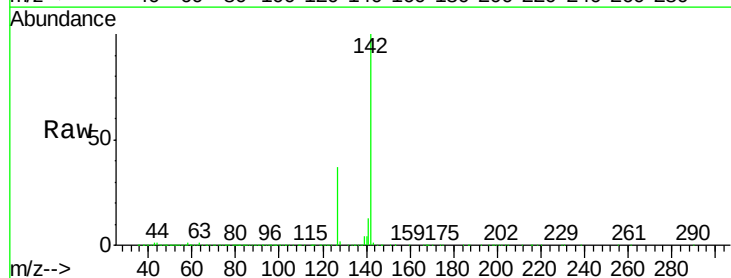
Tgt Ion:142 Resp: 199891

Ion Ratio Lower Upper

142 100

127 37.7 31.1 46.7

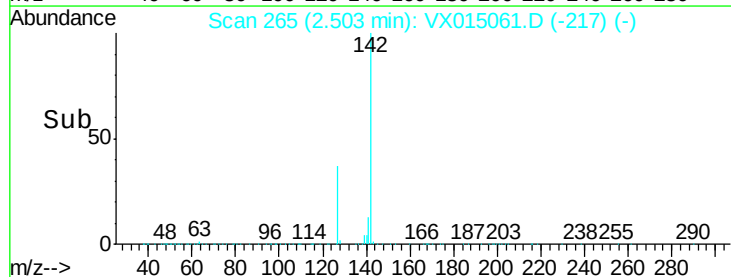
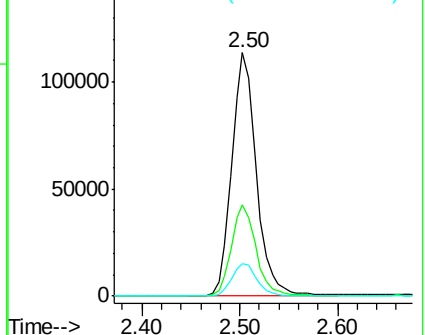
141 13.9 11.3 16.9

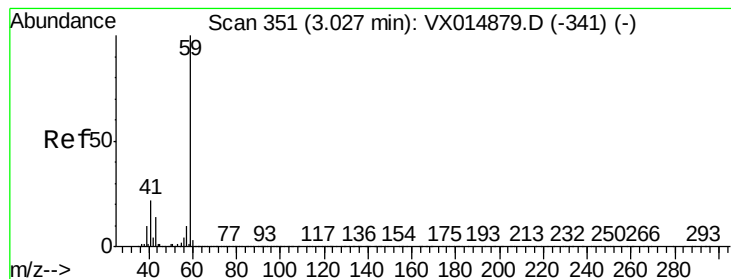


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 228.11 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

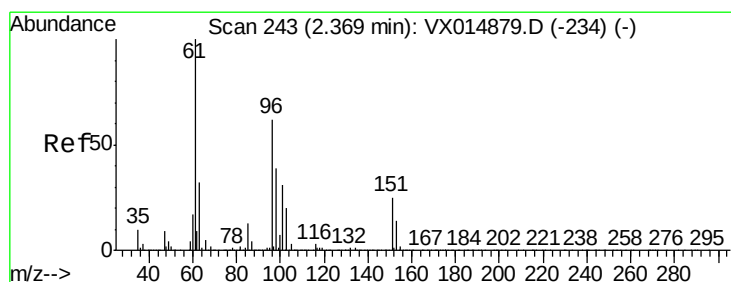
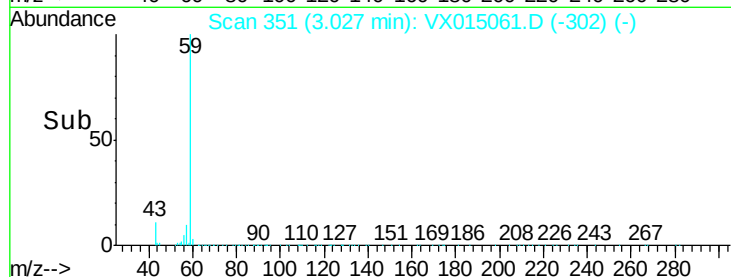
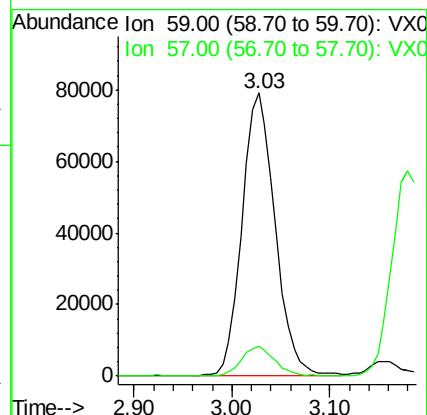
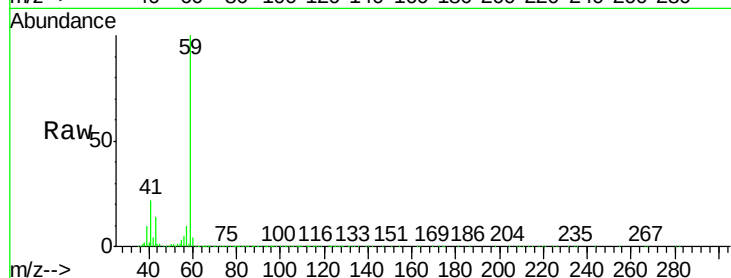
VSTDCCC050

Tgt Ion: 59 Resp: 186481

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 43.72 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

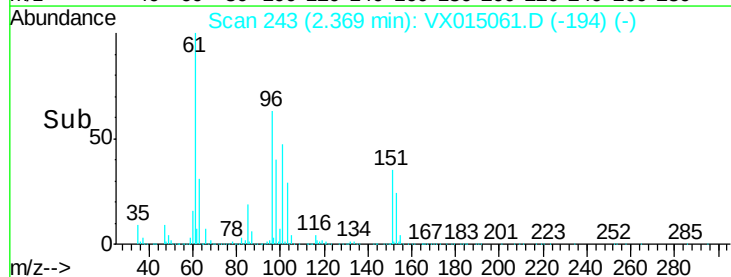
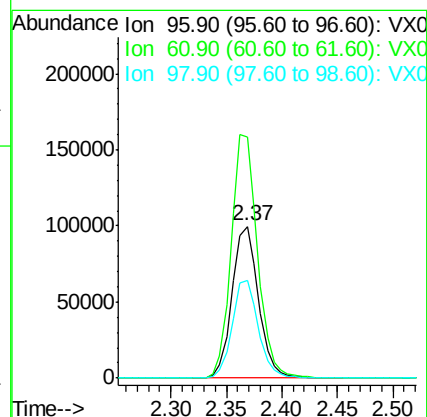
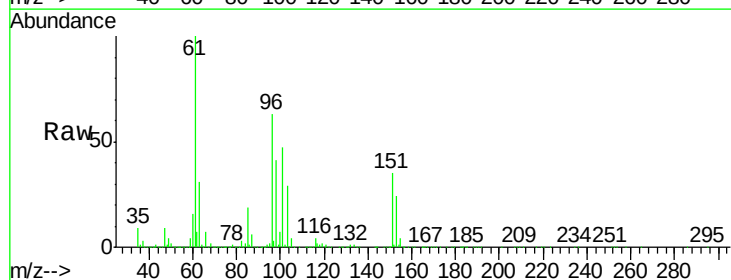
Tgt Ion: 96 Resp: 164398

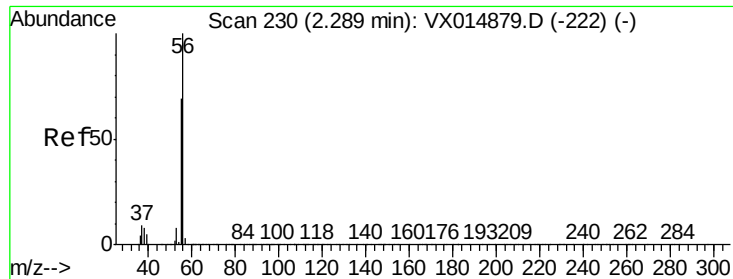
Ion Ratio Lower Upper

96 100

61 158.8 129.5 194.3

98 64.3 50.6 76.0





#13

Acrolein

Concen: 240.86 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

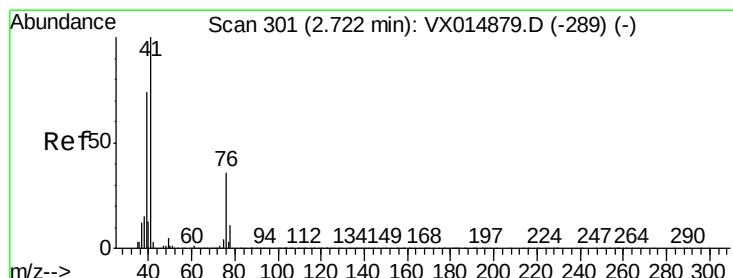
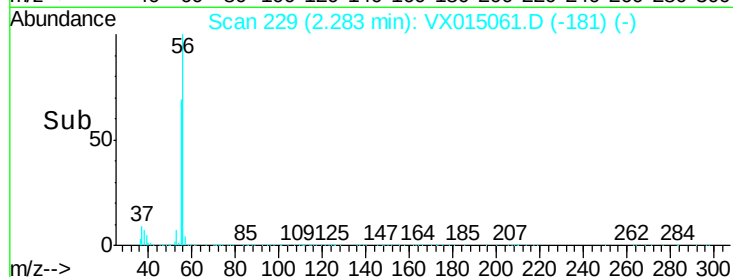
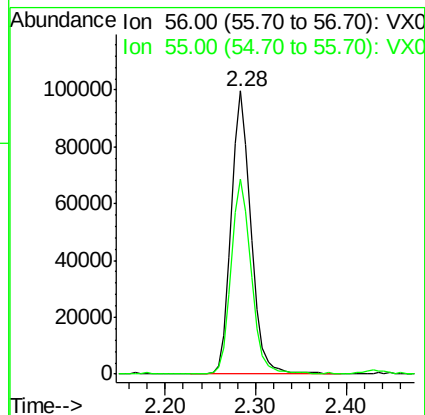
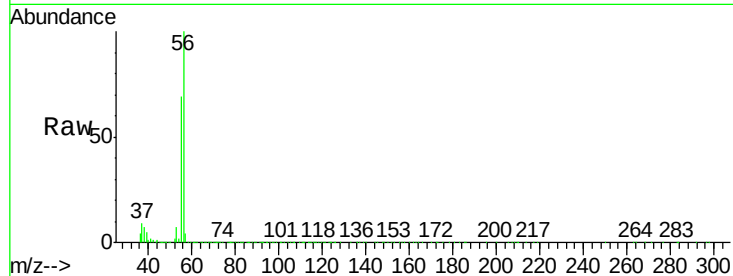
VSTDCCC050

Tgt Ion: 56 Resp: 150073

Ion Ratio Lower Upper

56 100

55 69.7 55.0 82.4



#14

Allyl chloride

Concen: 47.64 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

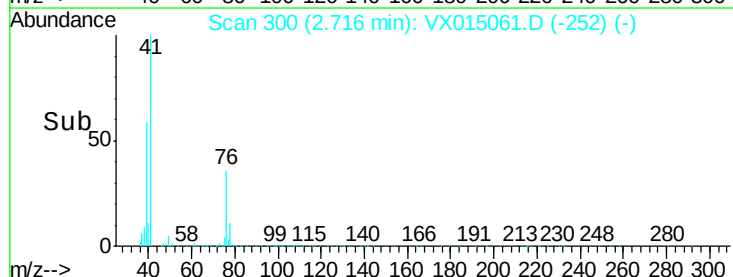
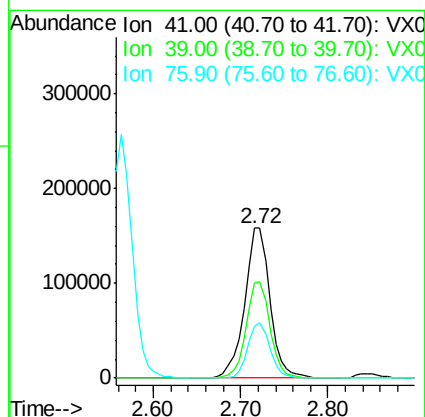
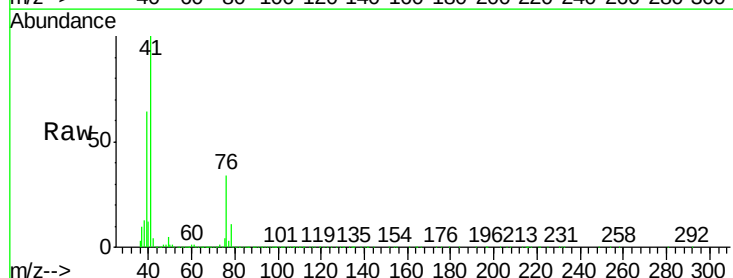
Tgt Ion: 41 Resp: 317629

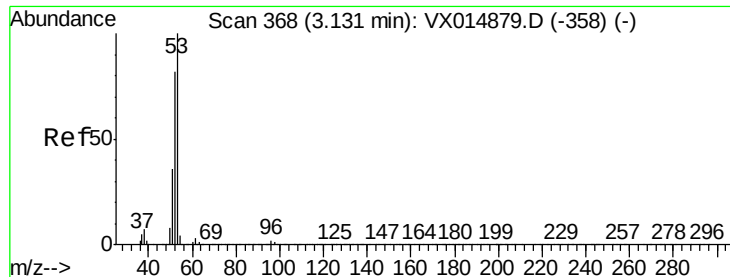
Ion Ratio Lower Upper

41 100

39 60.6 55.2 82.8

76 32.4 26.8 40.2





#15

Acrylonitrile

Concen: 254.13 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

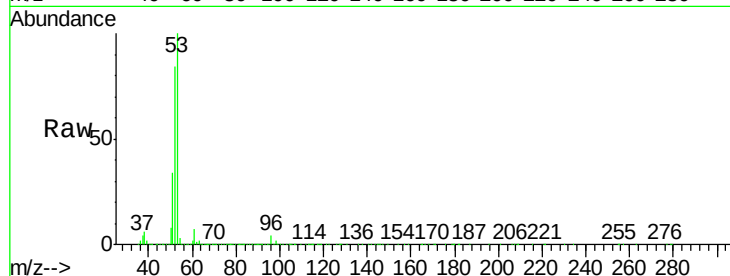
MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 526667

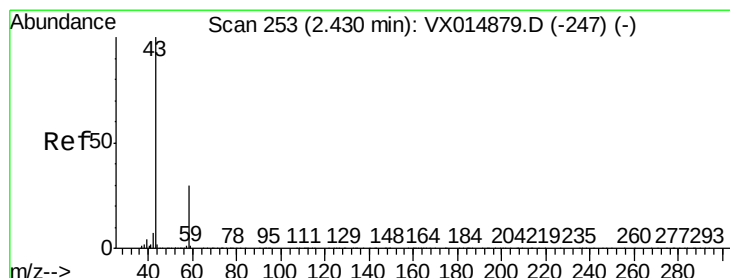
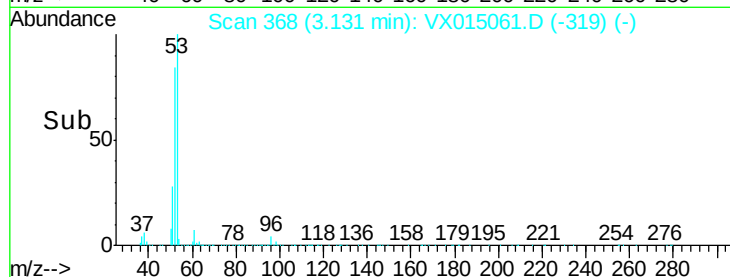
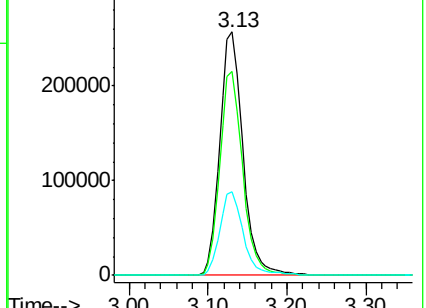
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.8	98.6
51	34.9	29.1	43.7



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: 230.65 ug/l

RT: 2.43 min Scan# 253

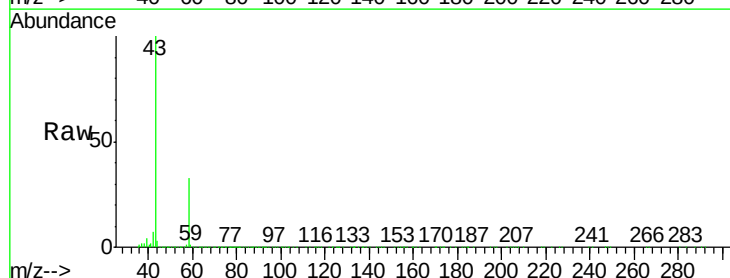
Delta R.T. 0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

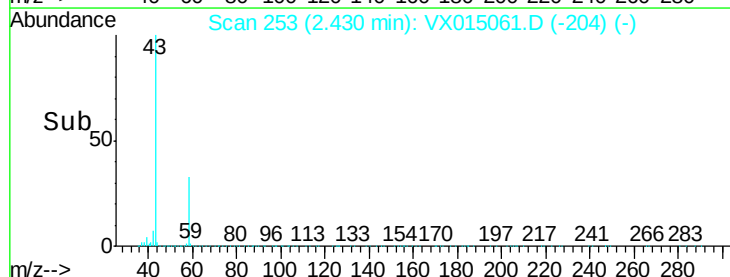
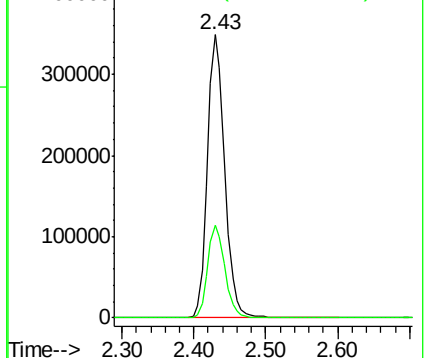
Tgt Ion: 43 Resp: 575771

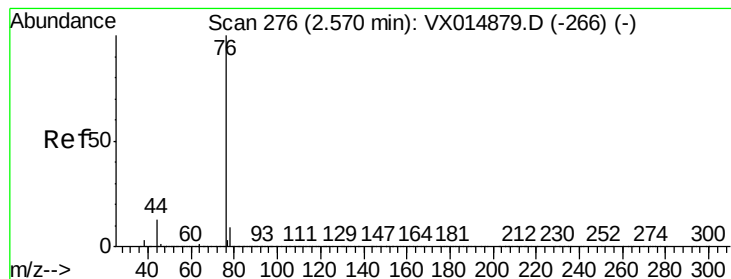
Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.1	36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 39.91 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

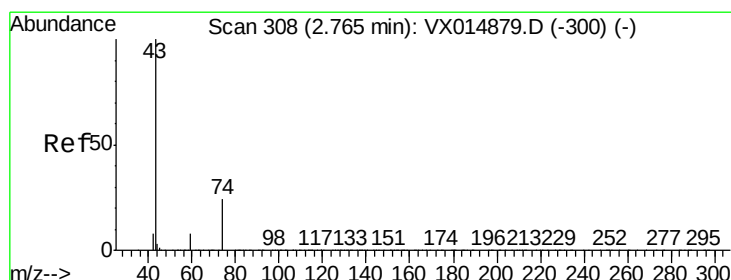
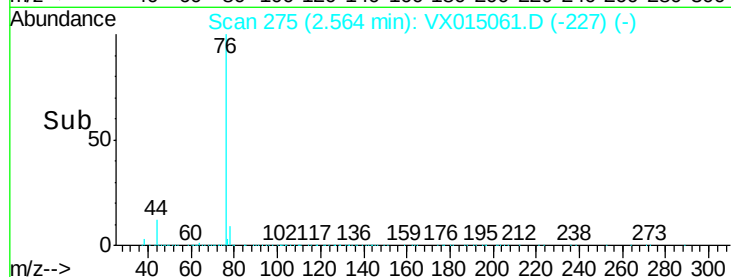
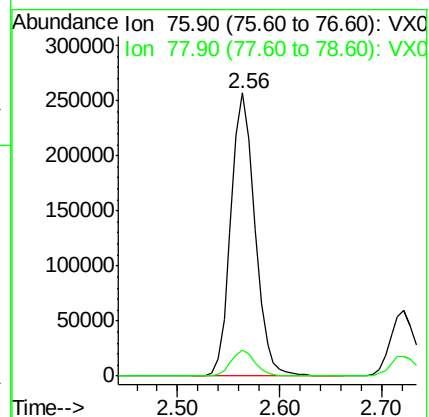
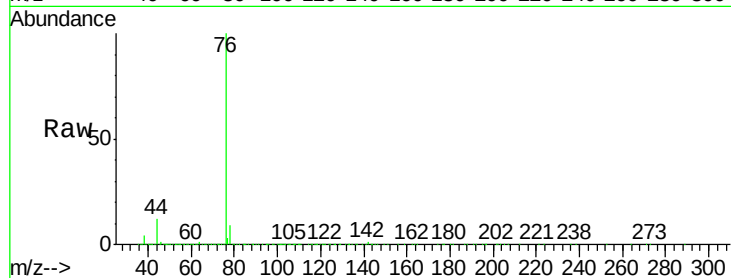
VSTDCCC050

Tgt Ion: 76 Resp: 419372

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 54.62 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015061.D

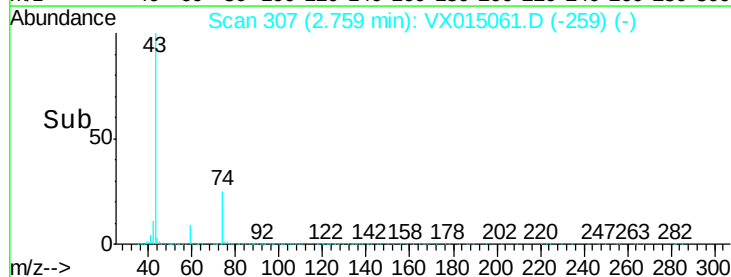
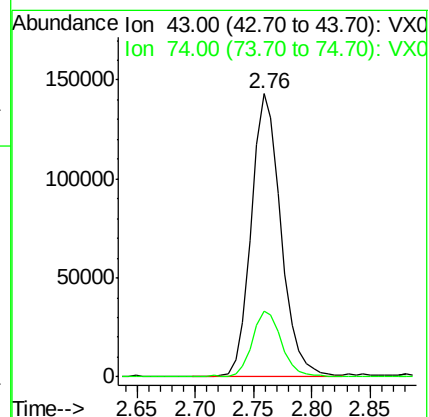
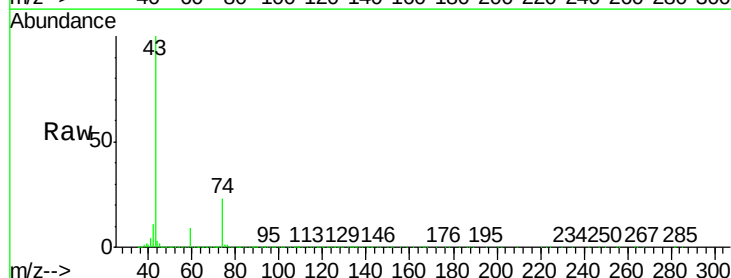
Acq: 02 Mar 2020 09:41

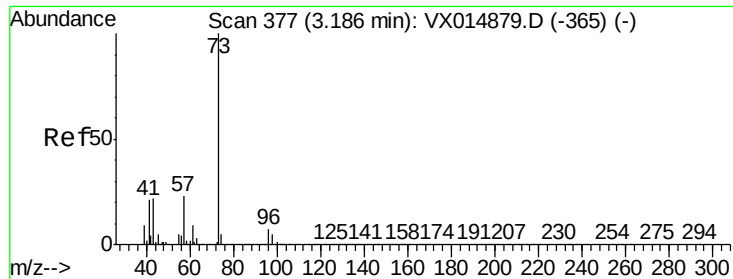
Tgt Ion: 43 Resp: 254703

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 48.06 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampled :

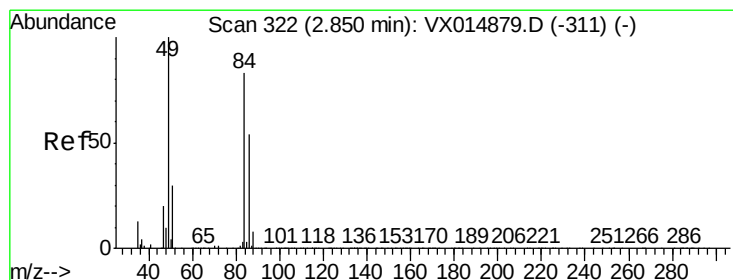
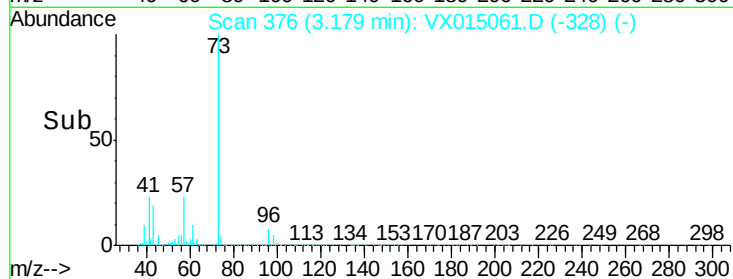
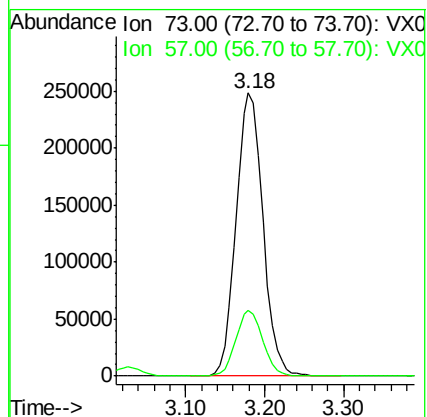
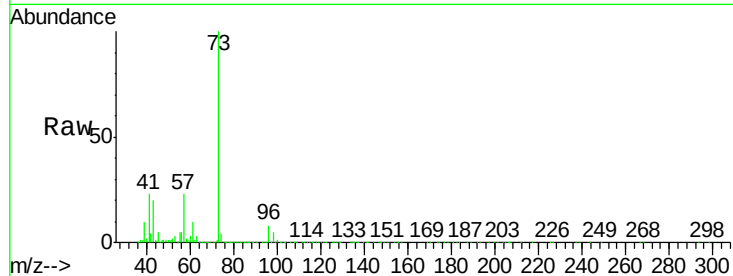
VSTDCCC050

Tgt Ion: 73 Resp: 588219

Ion Ratio Lower Upper

73 100

57 23.1 18.2 27.4



#20

Methylene Chloride

Concen: 43.58 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion: 84 Resp: 194120

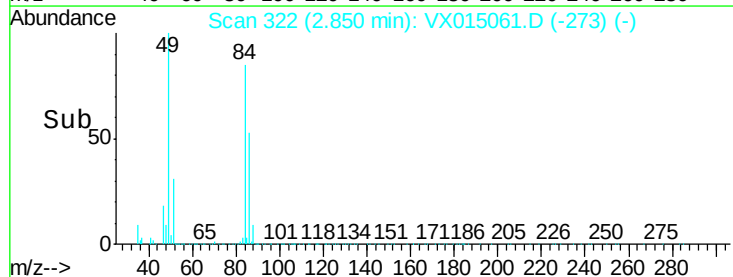
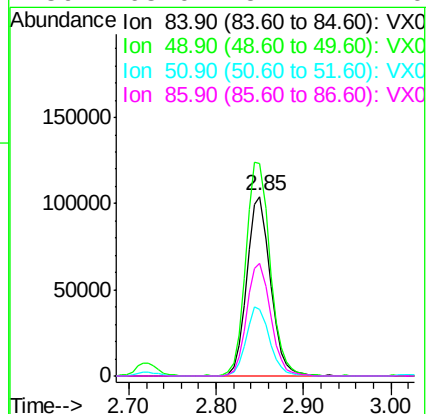
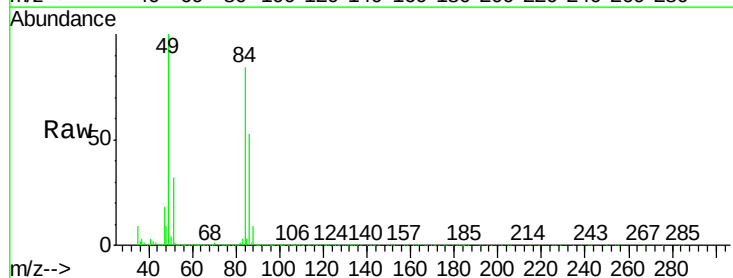
Ion Ratio Lower Upper

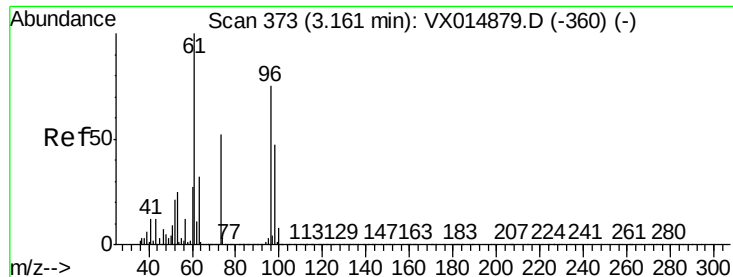
84 100

49 118.4 95.6 143.4

51 37.3 29.0 43.6

86 63.0 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 44.46 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

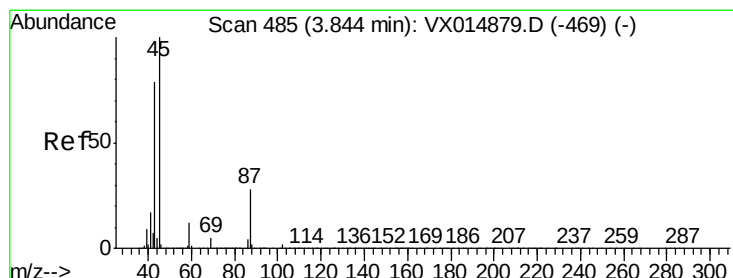
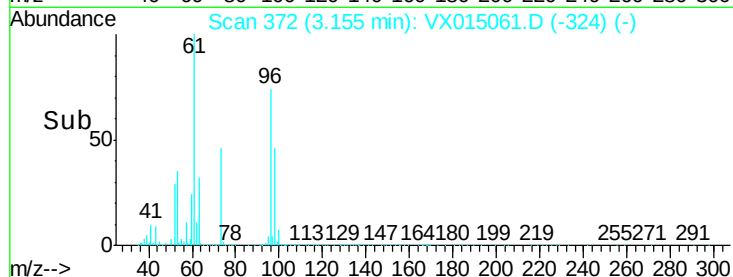
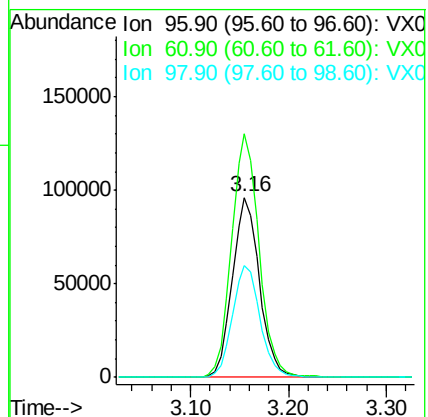
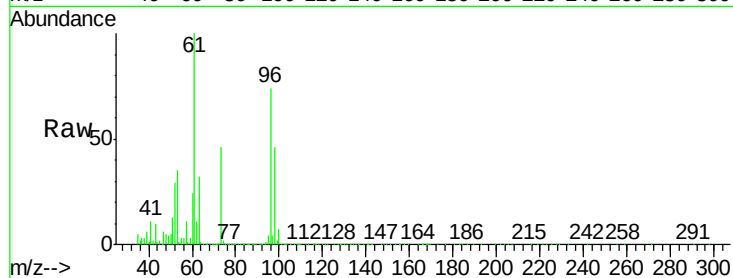
Tgt Ion: 96 Resp: 184465

Ion Ratio Lower Upper

96 100

61 135.1 106.9 160.3

98 62.4 50.7 76.1



#22

Diisopropyl ether

Concen: 52.89 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion: 45 Resp: 673428

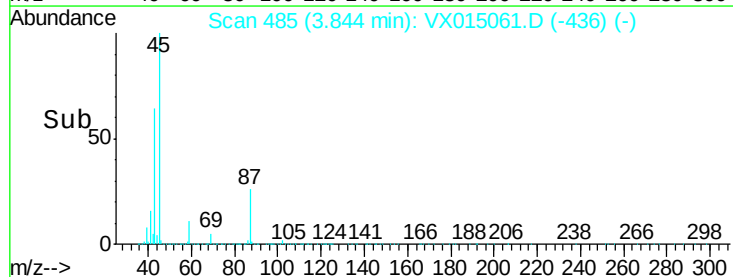
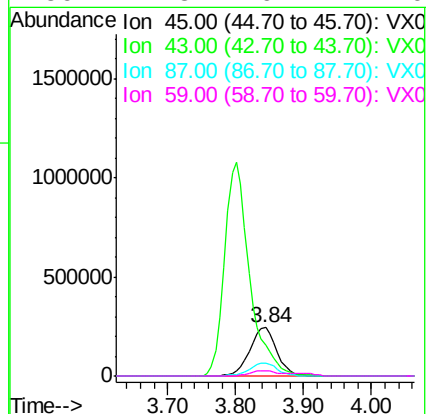
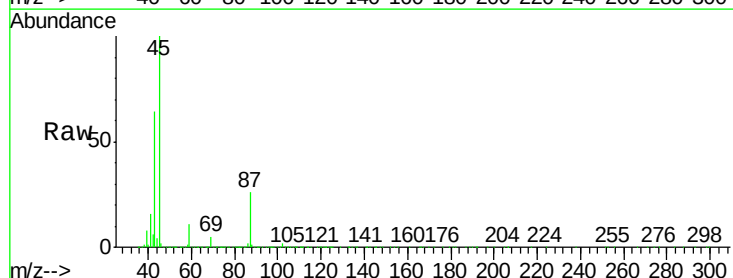
Ion Ratio Lower Upper

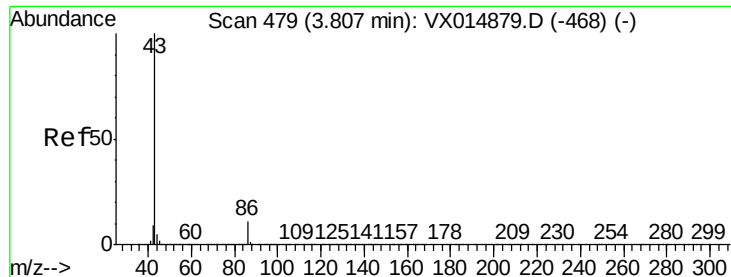
45 100

43 63.6 63.5 95.3

87 26.3 22.2 33.4

59 11.3 9.4 14.0





#23

Vinyl Acetate

Concen: 264.37 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

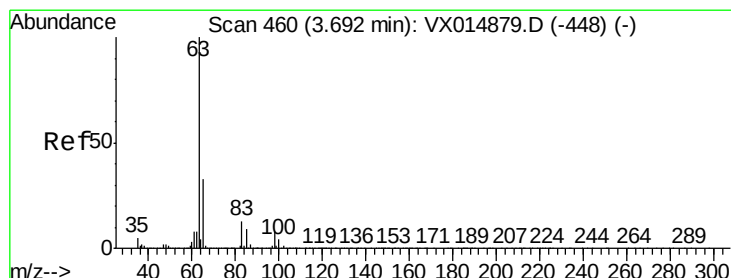
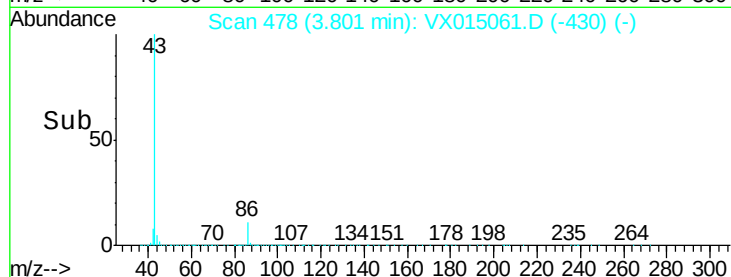
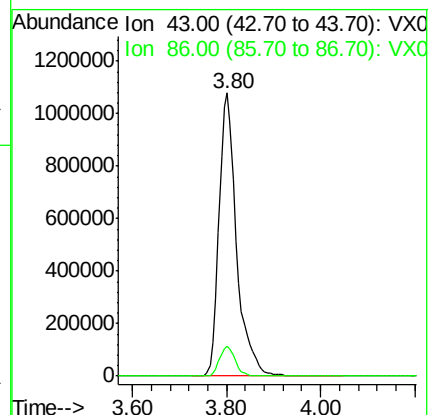
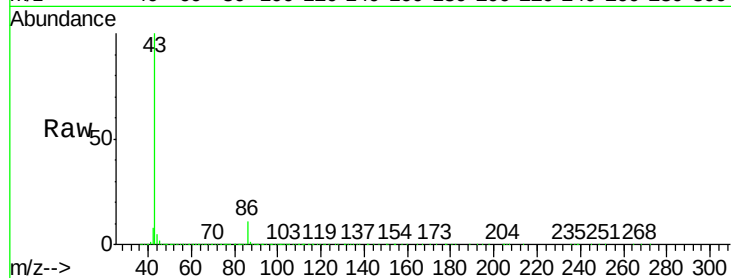
VSTDCCC050

Tgt Ion: 43 Resp: 2775156

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 48.94 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

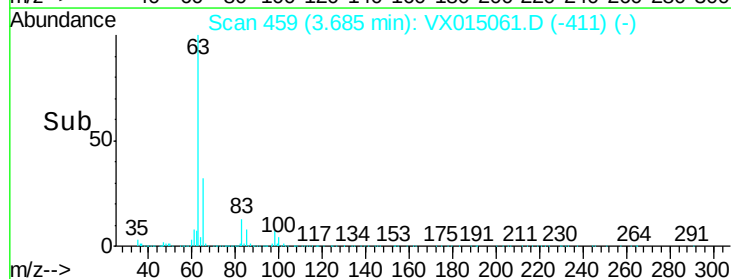
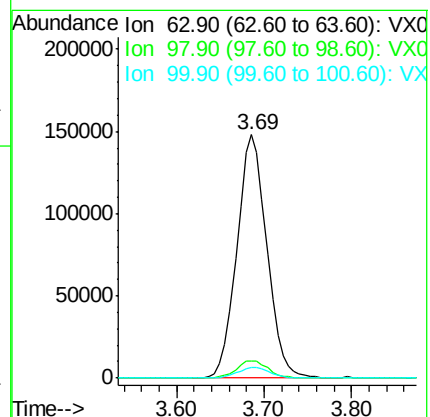
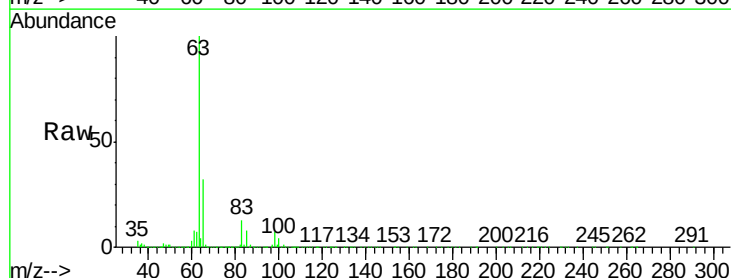
Tgt Ion: 63 Resp: 351703

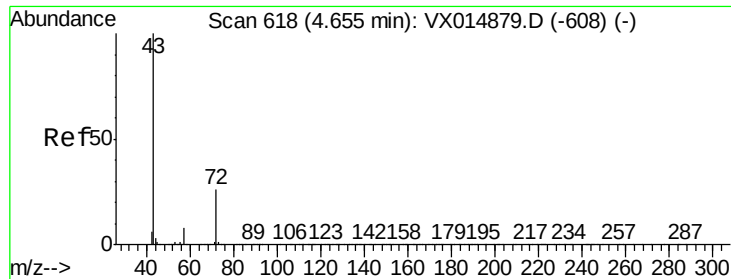
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 271.82 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

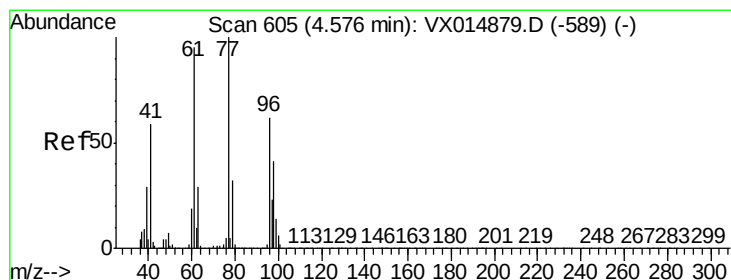
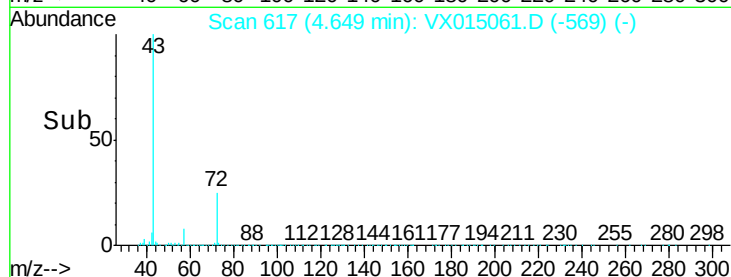
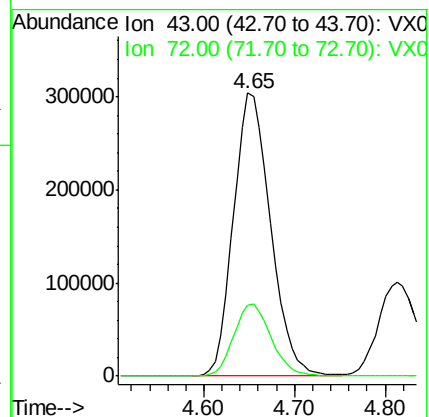
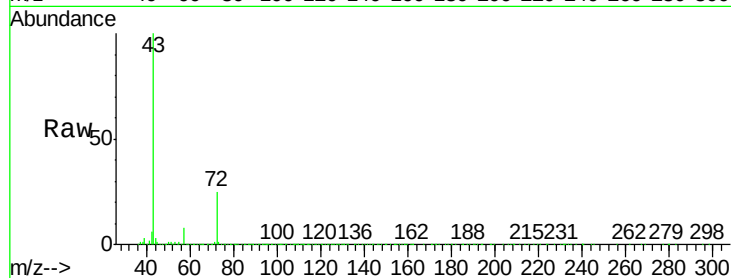
VSTDCCC050

Tgt Ion: 43 Resp: 856823

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 50.98 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015061.D

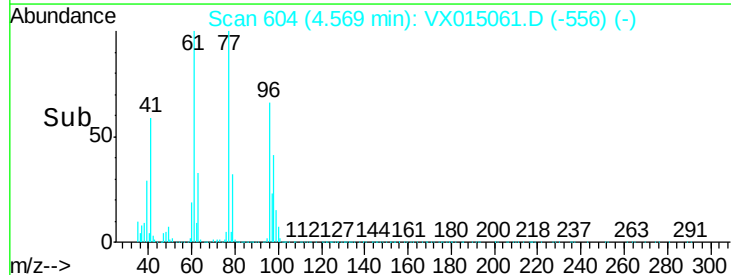
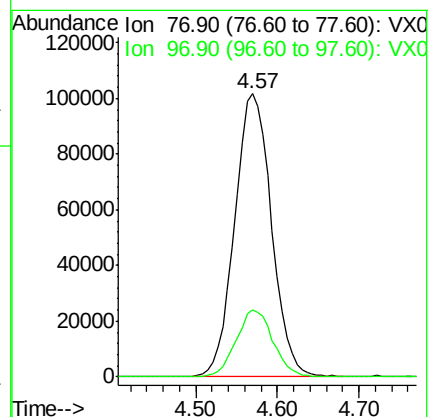
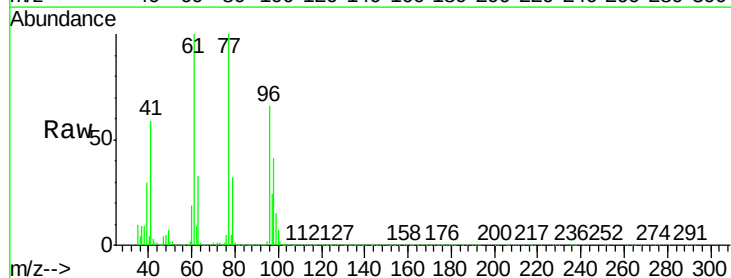
Acq: 02 Mar 2020 09:41

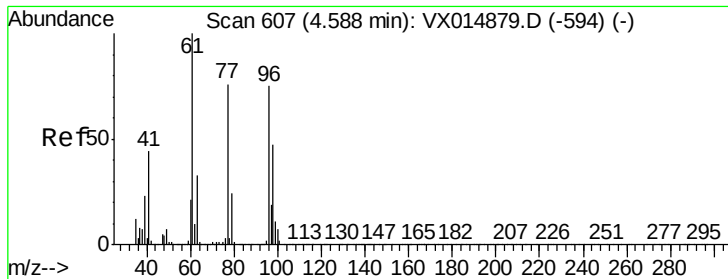
Tgt Ion: 77 Resp: 315715

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 51.56 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

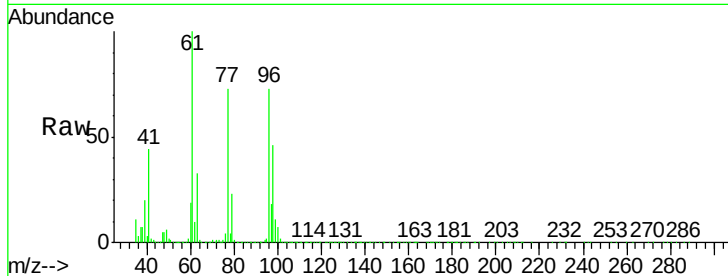
Tgt Ion: 96 Resp: 239145

Ion Ratio Lower Upper

96 100

61 144.4 0.0 286.2

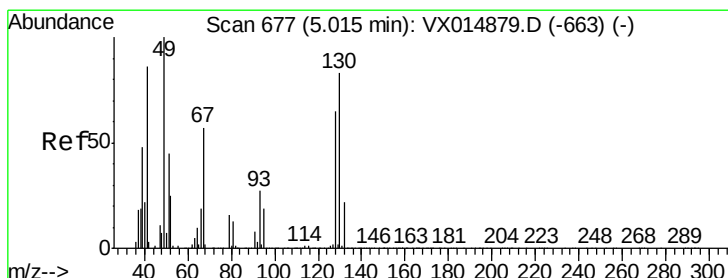
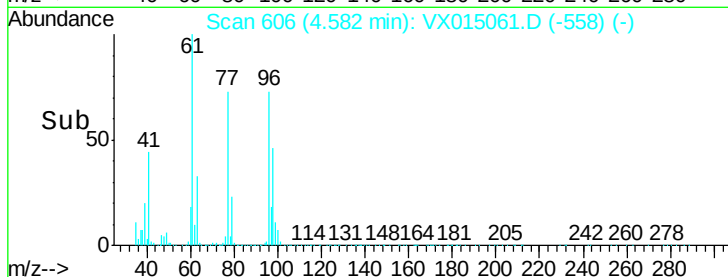
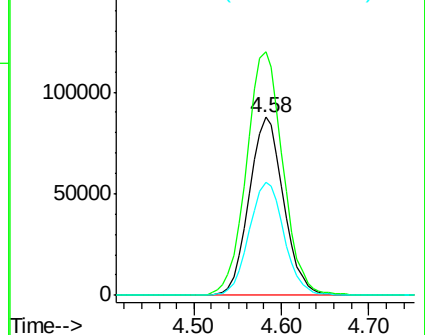
98 65.0 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 55.23 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

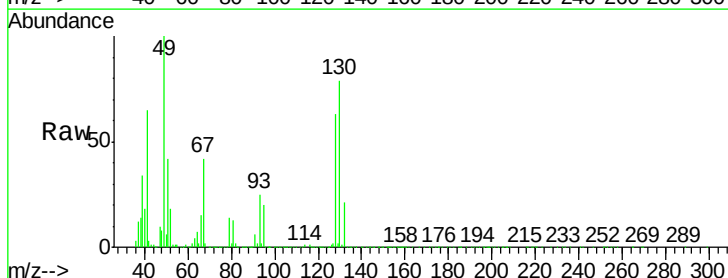
Tgt Ion: 49 Resp: 153850

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

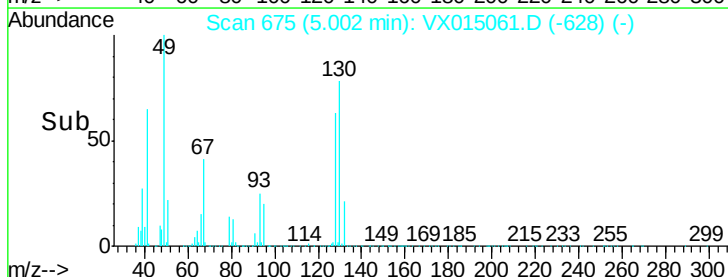
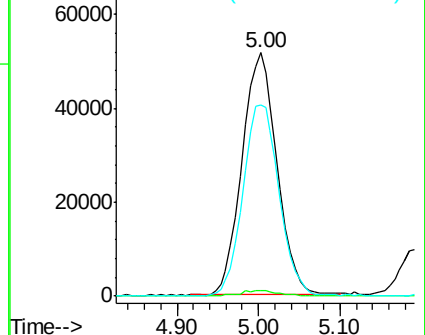
130 81.8 67.4 101.2

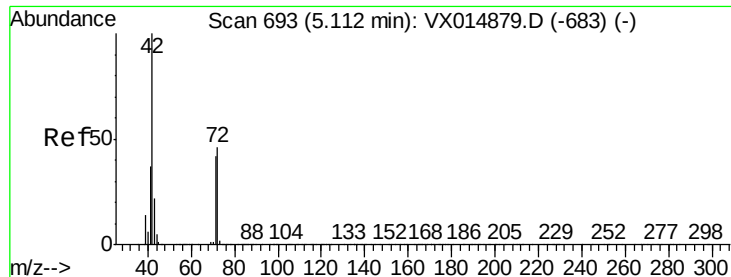


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 282.54 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

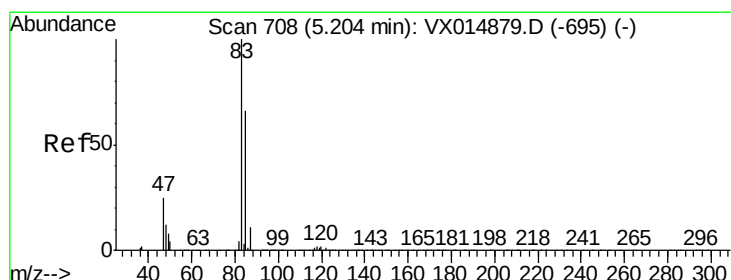
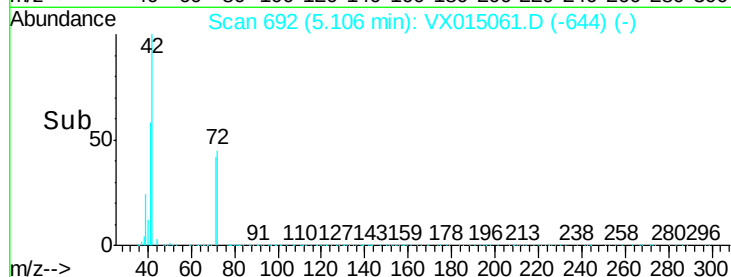
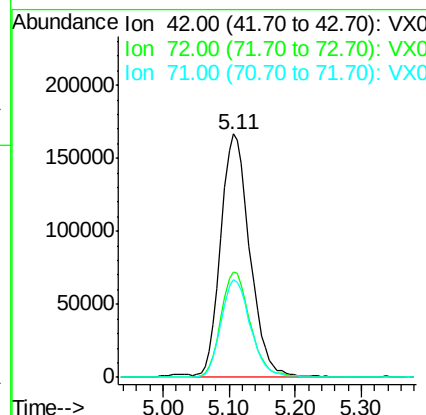
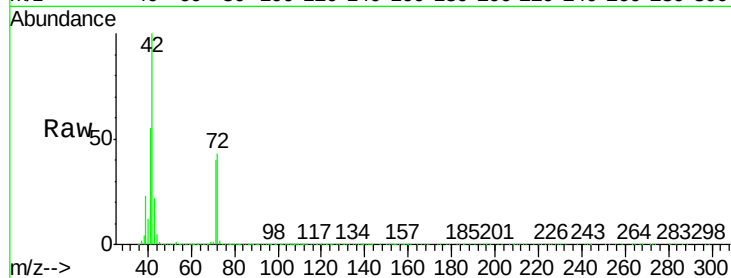
Tgt Ion: 42 Resp: 506292

Ion Ratio Lower Upper

42 100

72 43.8 36.9 55.3

71 40.8 34.1 51.1



#30

Chloroform

Concen: 52.54 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015061.D

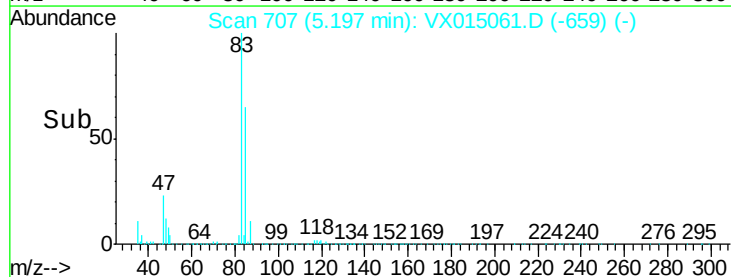
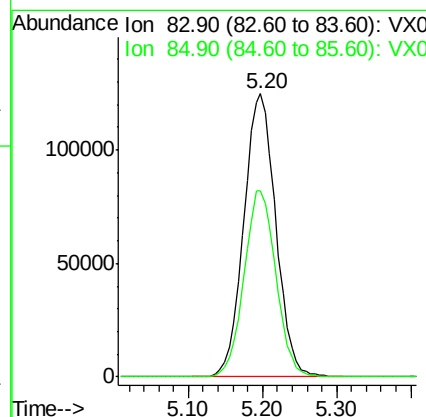
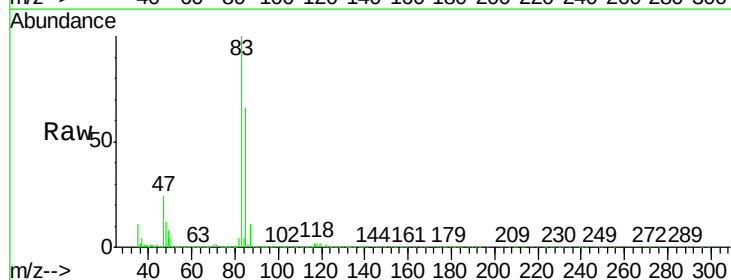
Acq: 02 Mar 2020 09:41

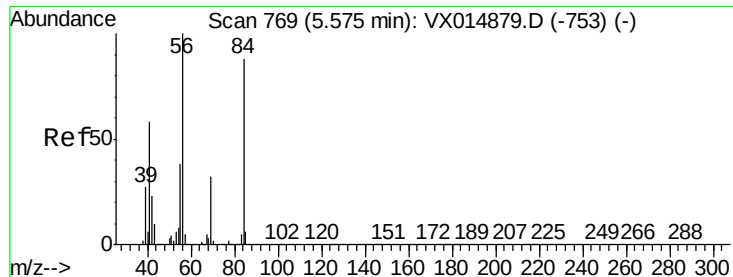
Tgt Ion: 83 Resp: 374633

Ion Ratio Lower Upper

83 100

85 65.9 52.9 79.3

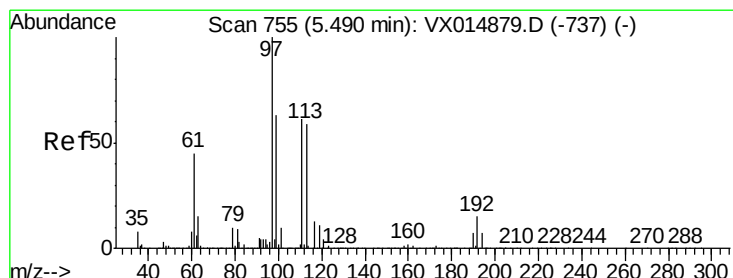
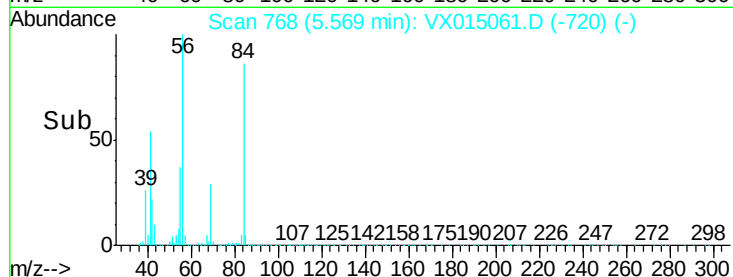
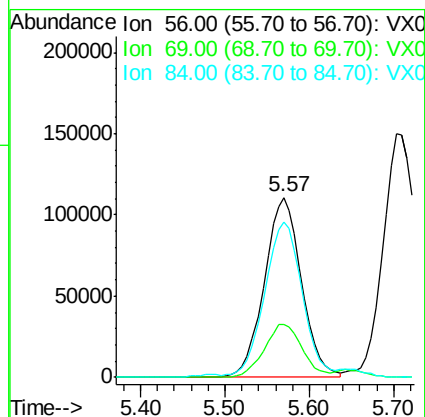
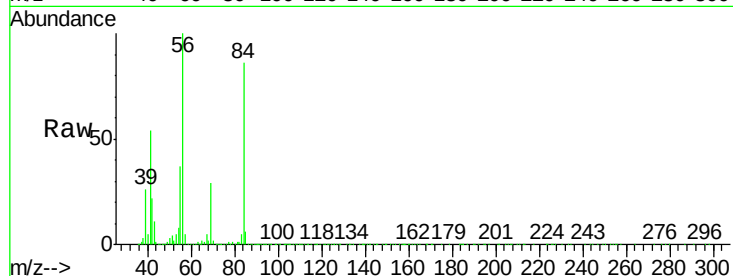




#31
Cyclohexane
Concen: 51.27 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

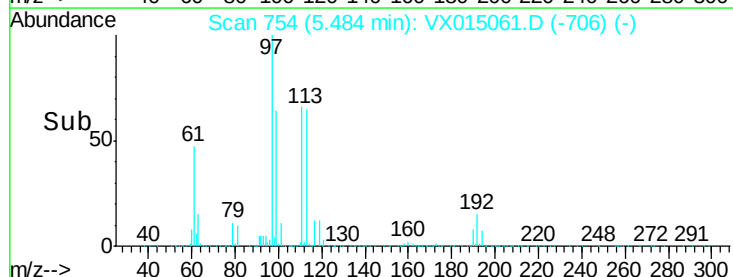
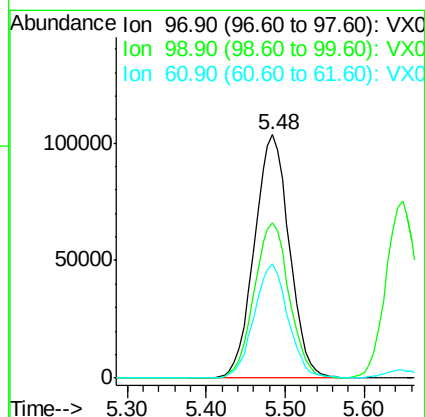
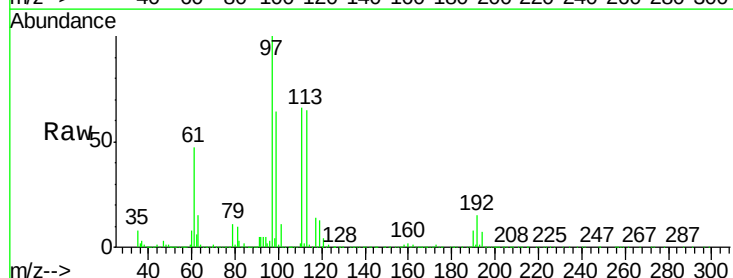
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

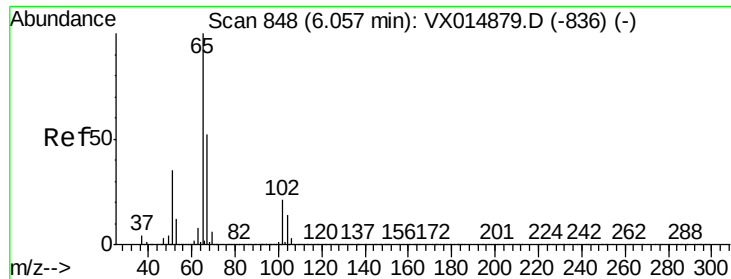
Tgt Ion: 56 Resp: 335628
Ion Ratio Lower Upper
56 100
69 29.2 25.9 38.9
84 85.3 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 51.10 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 97 Resp: 318707
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 45.3 36.3 54.5

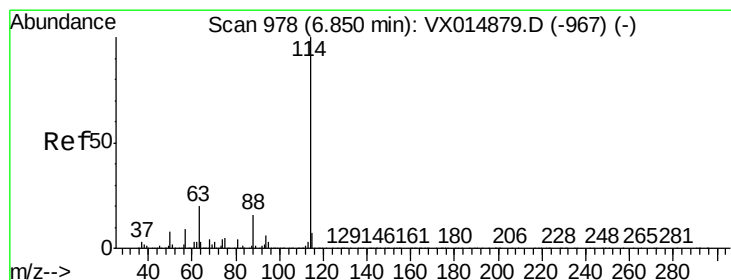
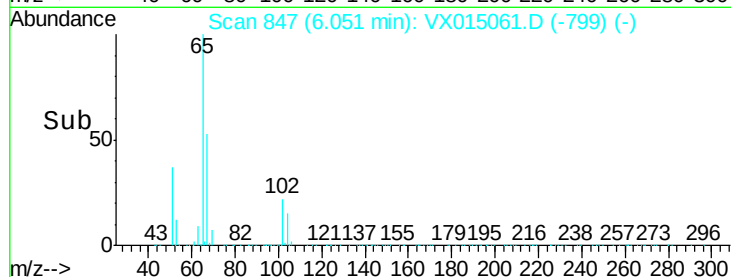
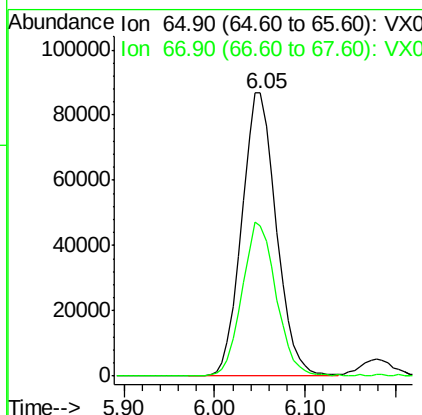
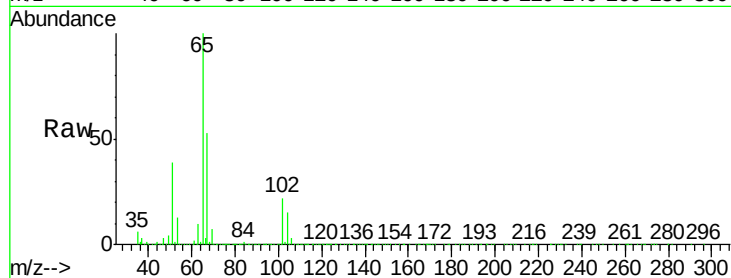




#33
 1,2-Dichloroethane-d4
 Concen: 49.32 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

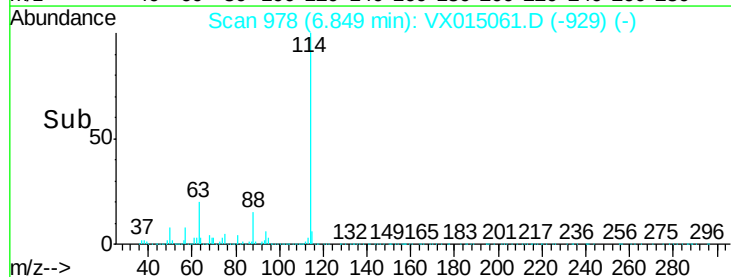
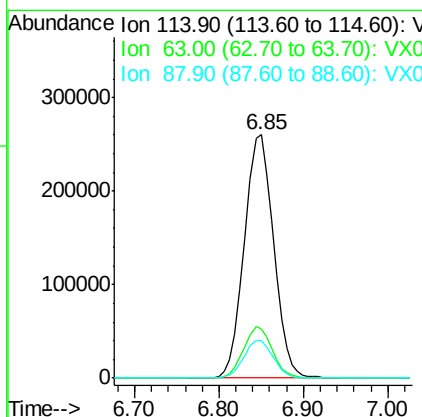
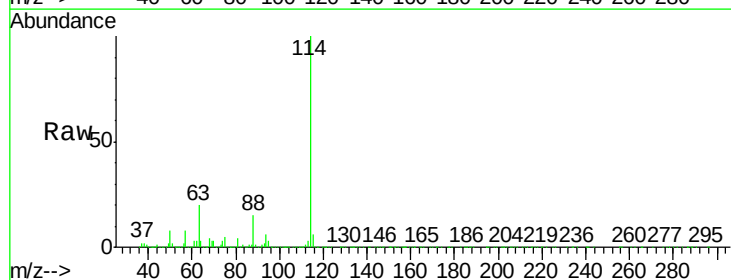
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

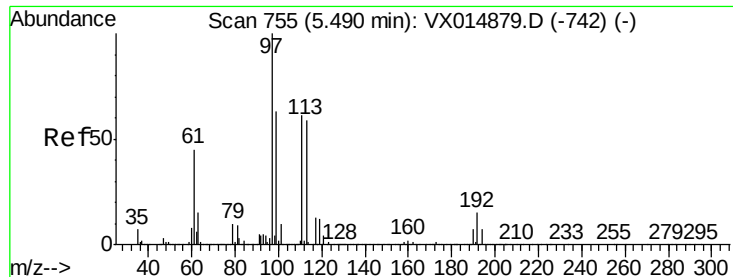
Tgt Ion: 65 Resp: 228338
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion: 114 Resp: 613971
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.2
 88 15.4 0.0 32.0

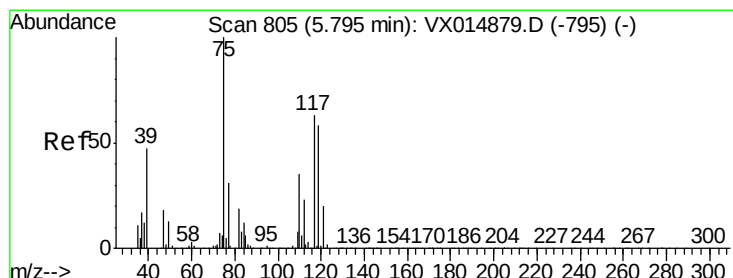
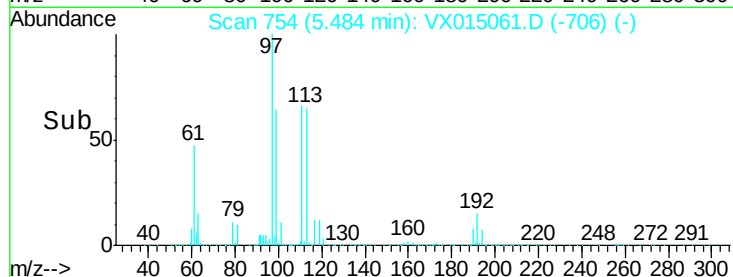
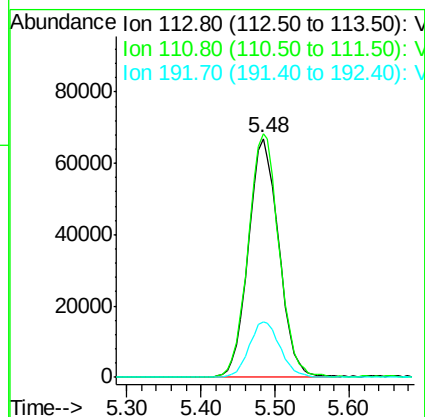
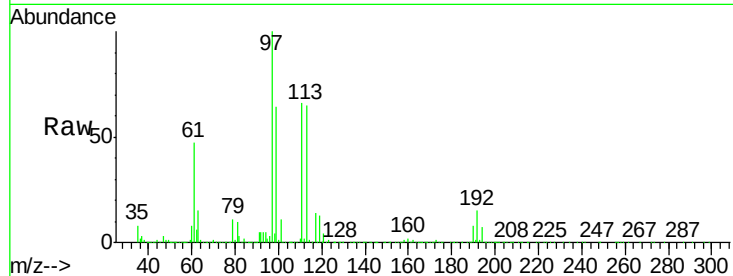




#35
 Dibromofluoromethane
 Concen: 50.82 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

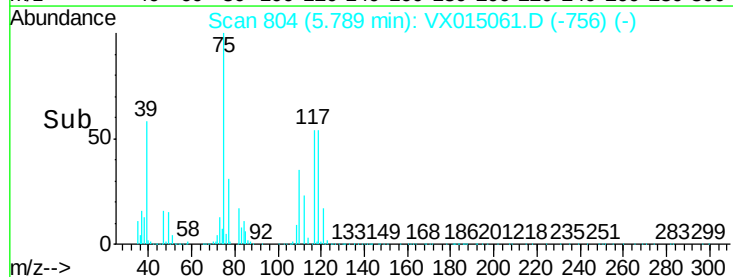
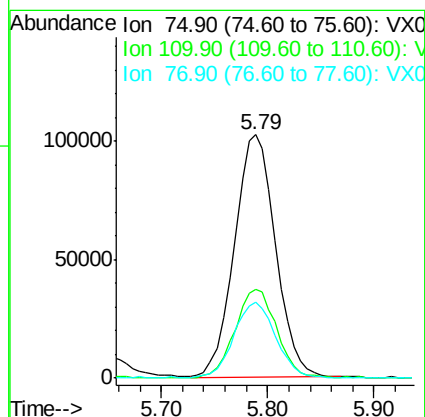
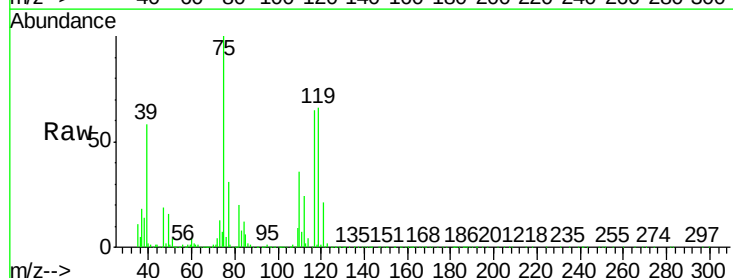
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

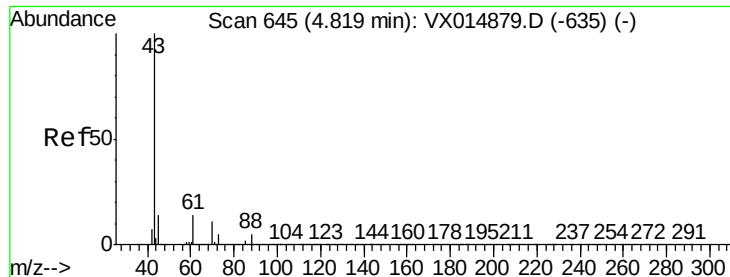
Tgt Ion:113 Resp: 191804
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 23.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 50.44 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion: 75 Resp: 277003
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.3 54.8
 77 31.5 24.6 36.8

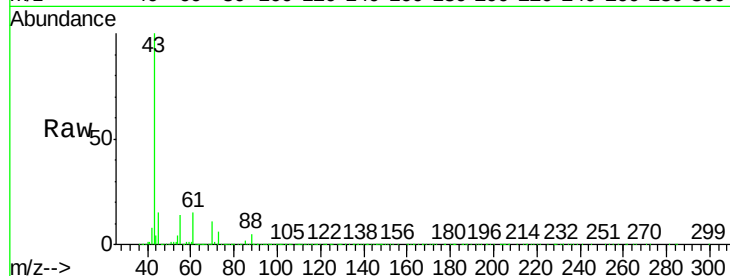




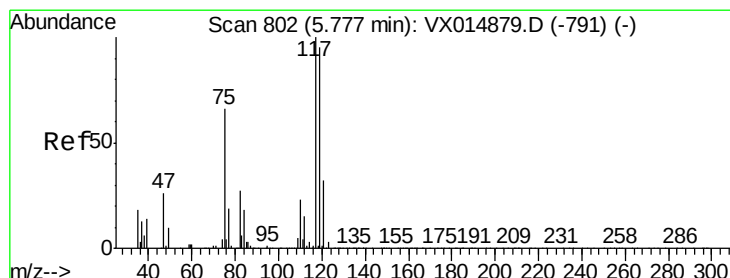
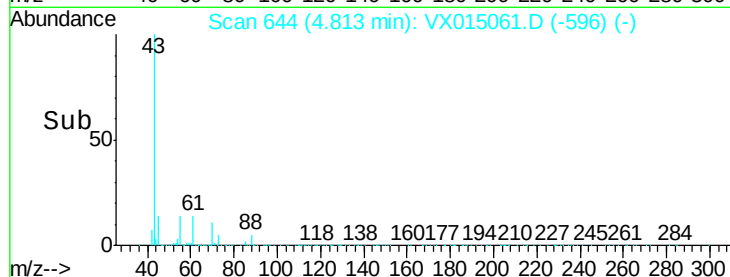
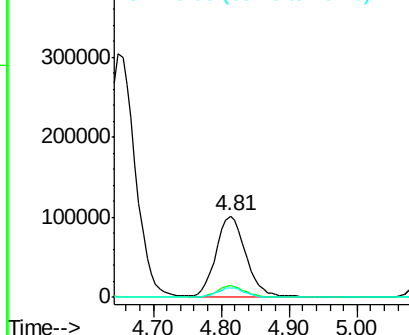
#37
Ethyl Acetate
Concen: 53.64 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 307267
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 10.7 8.7 13.1

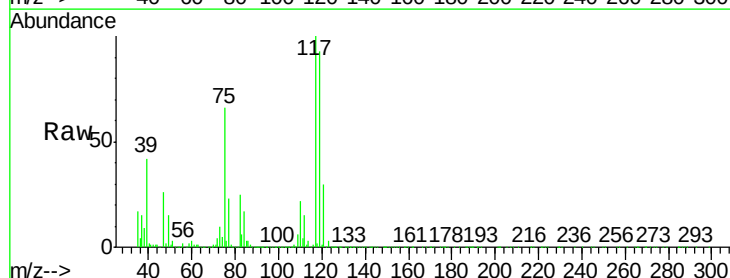


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

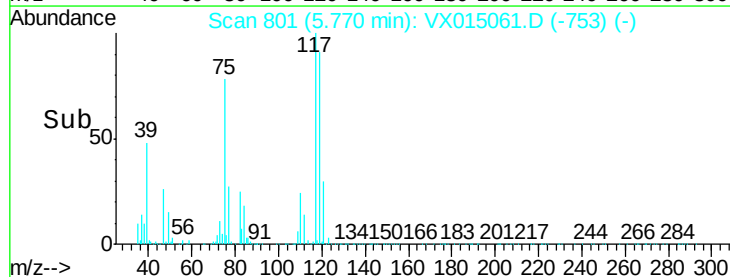
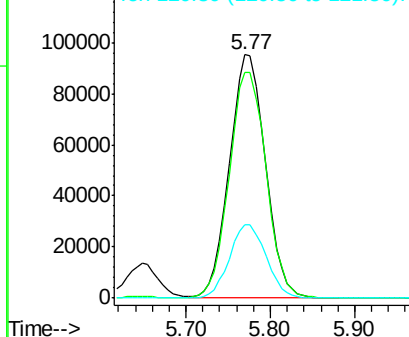


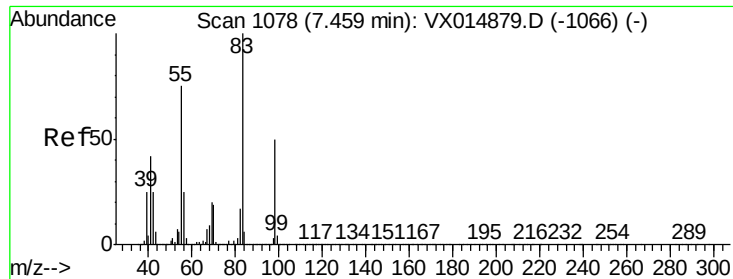
#38
Carbon Tetrachloride
Concen: 51.43 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 117 Resp: 275269
Ion Ratio Lower Upper
117 100
119 92.4 76.0 114.0
121 29.9 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

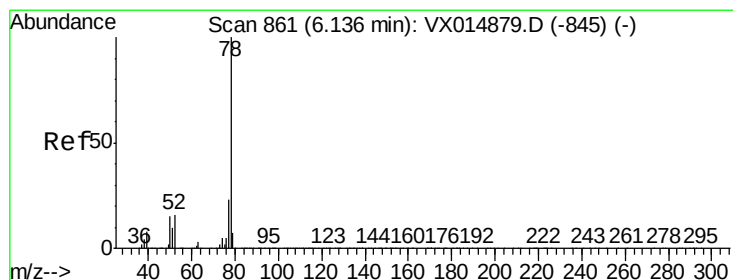
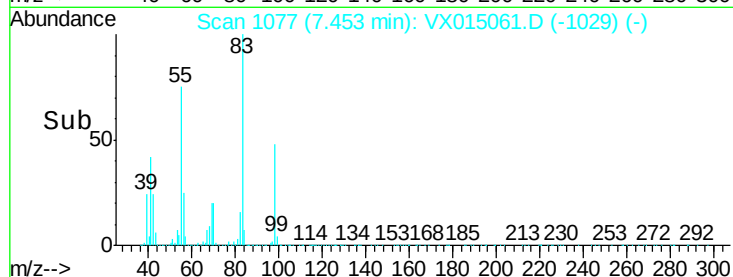
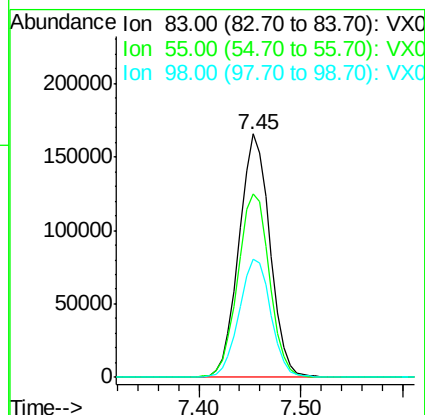
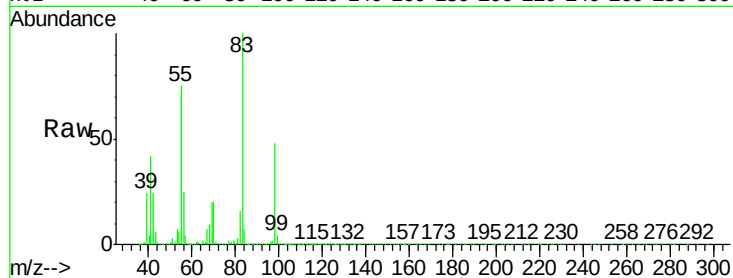




#39
Methylcyclohexane
Concen: 50.78 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

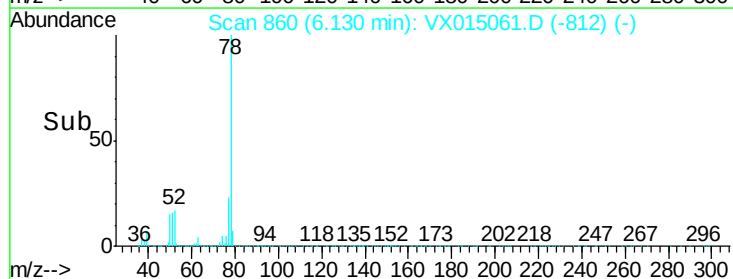
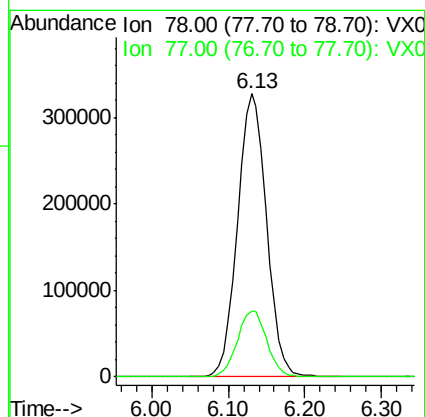
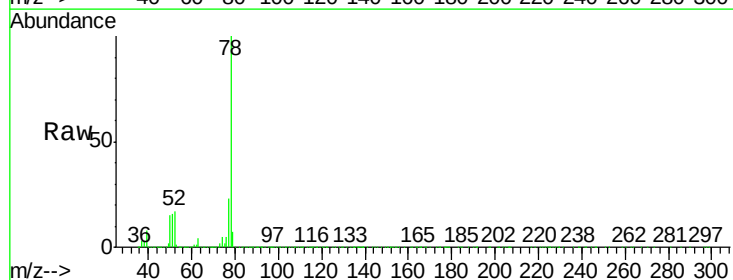
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

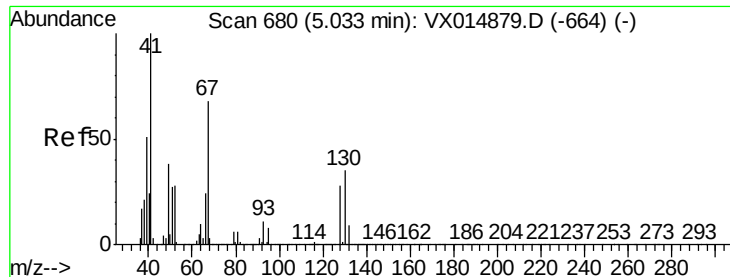
Tgt Ion: 83 Resp: 348772
Ion Ratio Lower Upper
83 100
55 75.3 60.0 90.0
98 48.4 39.6 59.4



#40
Benzene
Concen: 52.36 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 78 Resp: 859215
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

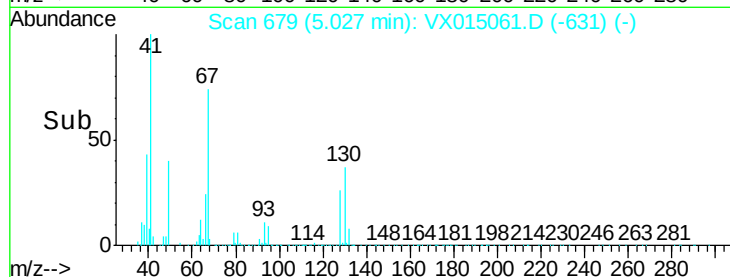
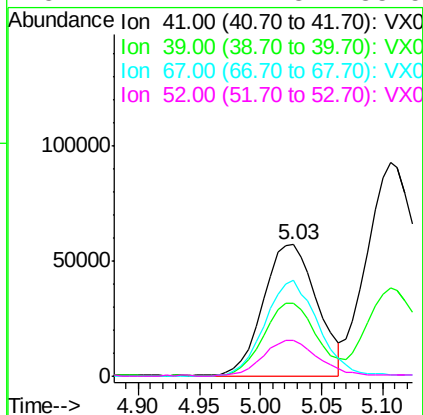
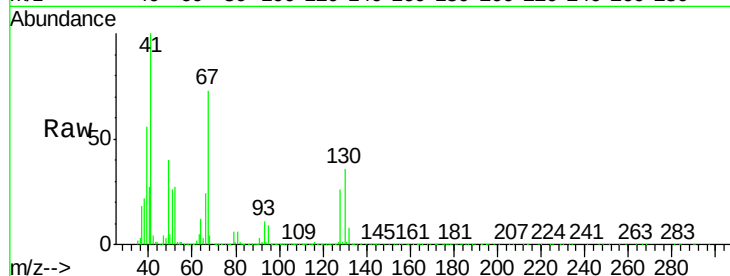




#41
Methacrylonitrile
Concen: 56.34 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

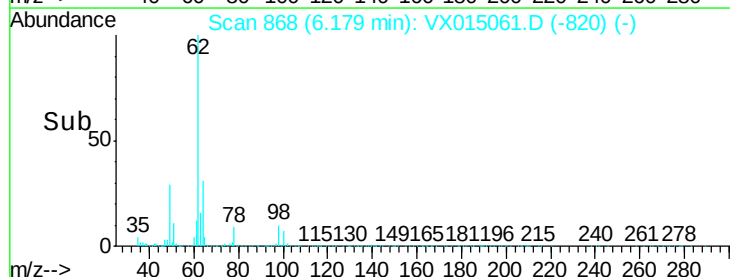
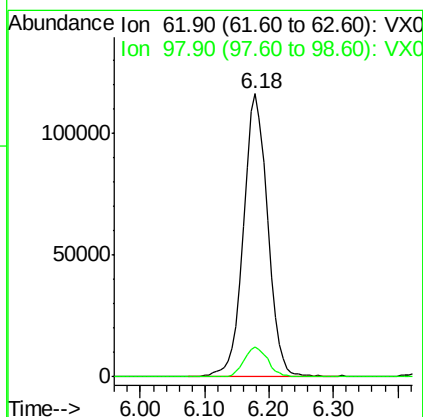
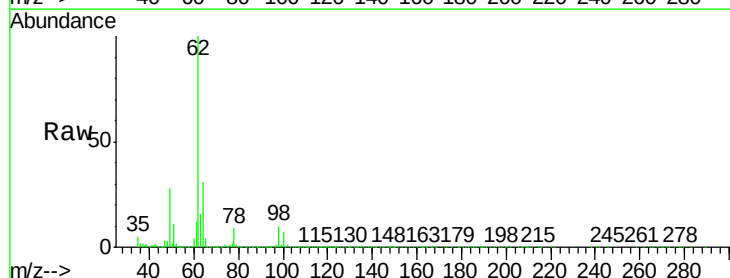
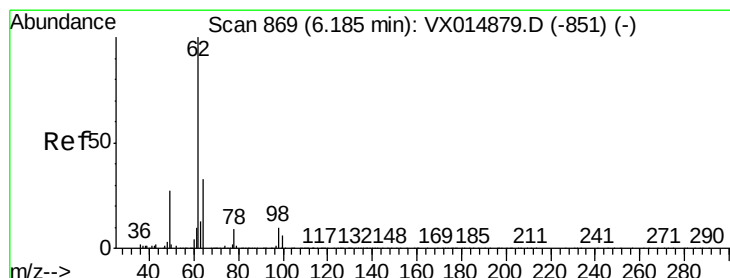
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

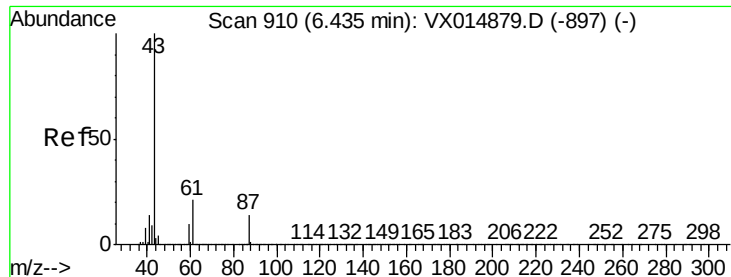
Tgt Ion:	41	Resp:	173861
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.7	67.1
67	72.1	56.6	84.8
52	27.4	22.3	33.5



#42
1,2-Dichloroethane
Concen: 50.62 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion:	62	Resp:	300212
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.2





#43

Isopropyl Acetate

Concen: 54.68 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

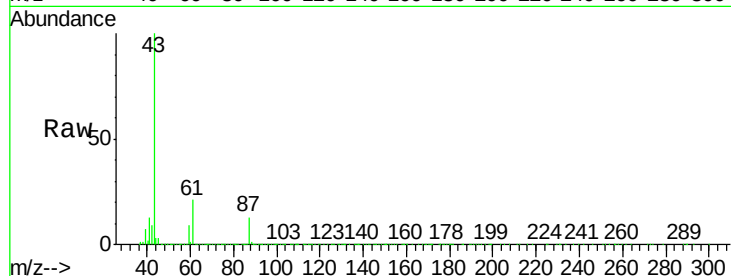
Tgt Ion: 43 Resp: 516649

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.4

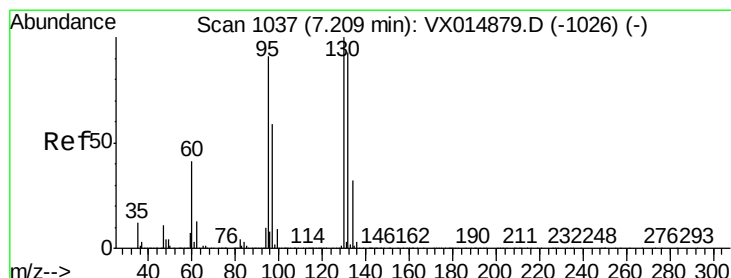
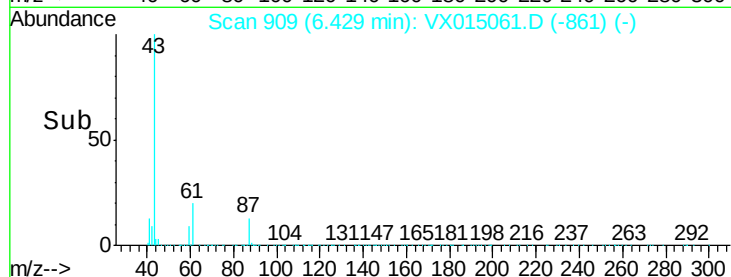
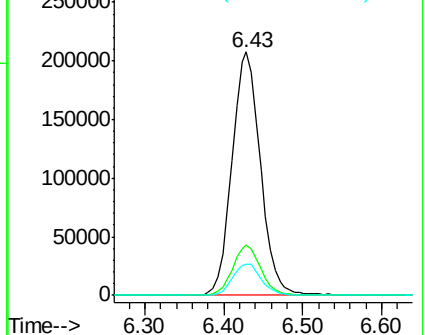
87 13.0 11.0 16.6



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: 50.37 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015061.D

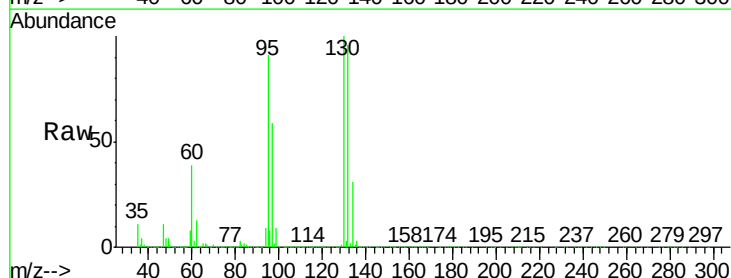
Acq: 02 Mar 2020 09:41

Tgt Ion: 130 Resp: 239945

Ion Ratio Lower Upper

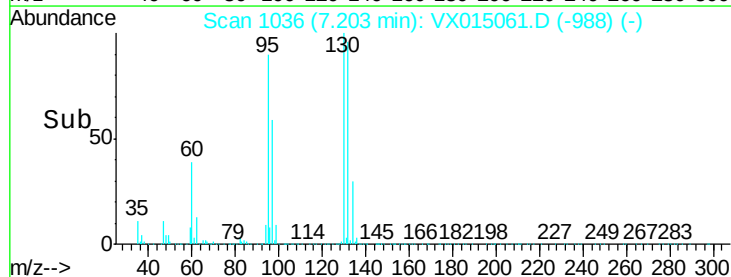
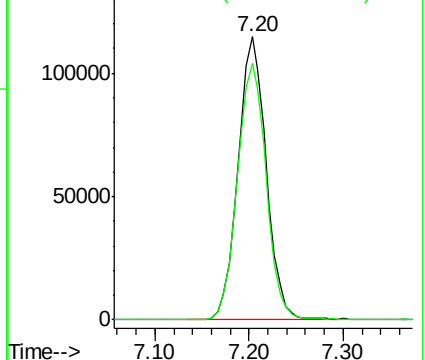
130 100

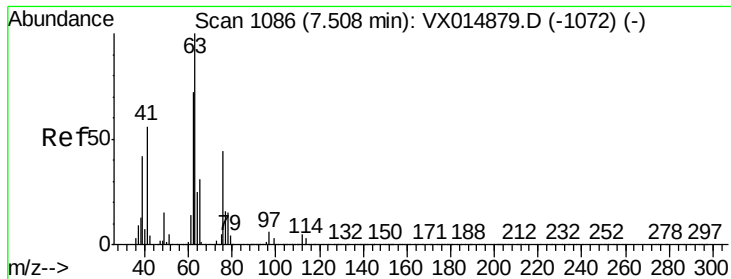
95 90.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

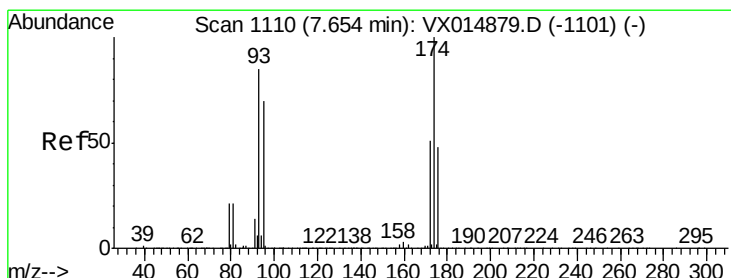
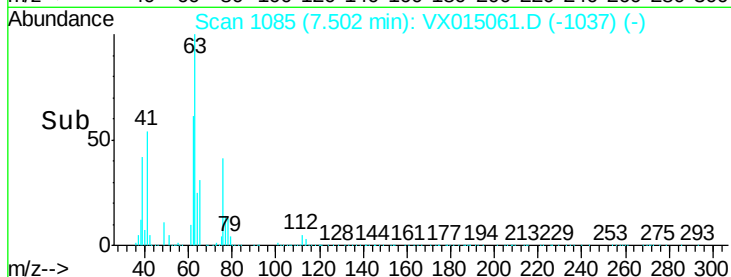
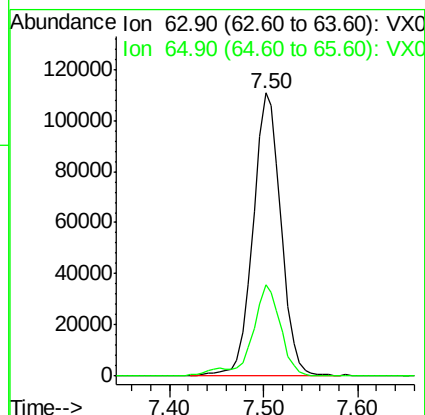
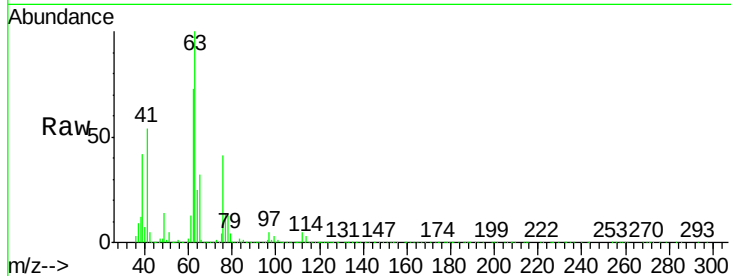




#45
 1,2-Dichloropropane
 Concen: 54.62 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

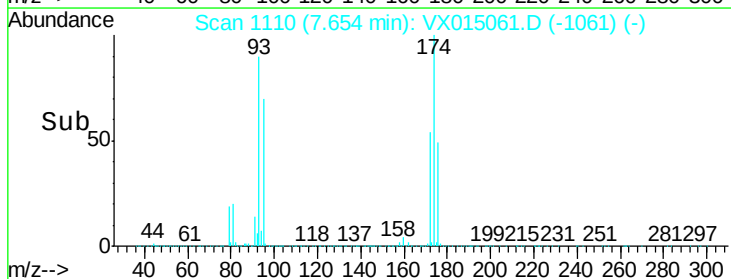
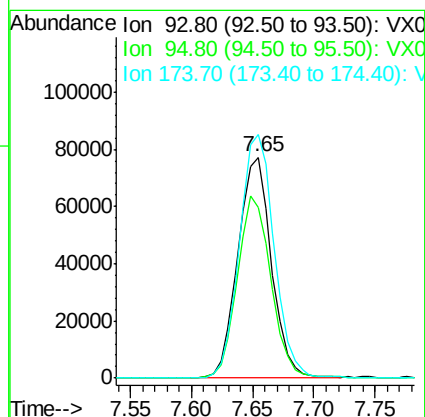
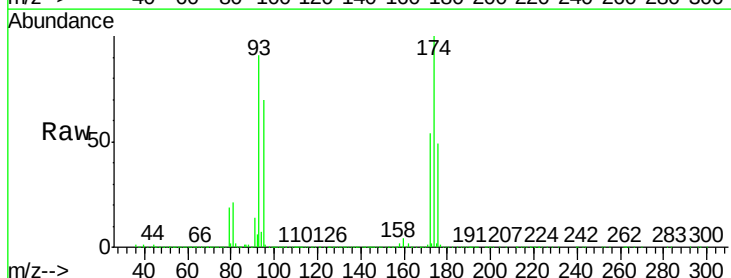
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

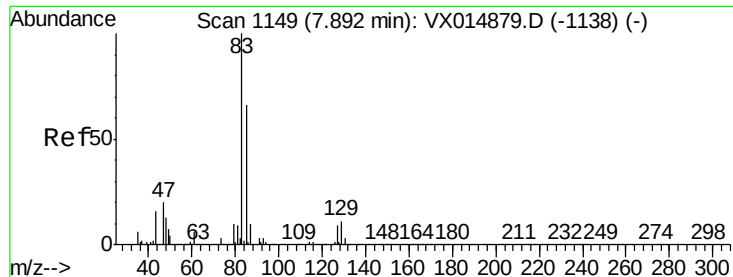
Tgt Ion: 63 Resp: 228599
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.9 37.3



#46
 Dibromomethane
 Concen: 51.58 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion: 93 Resp: 147560
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 114.0 95.4 143.2

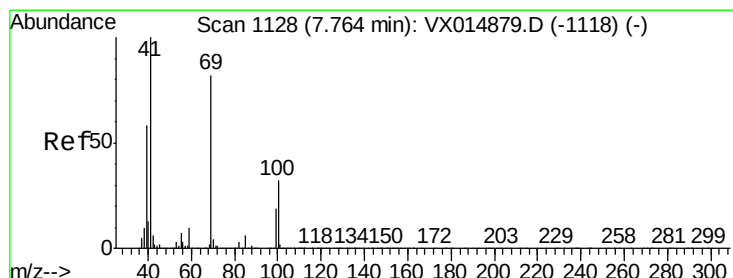
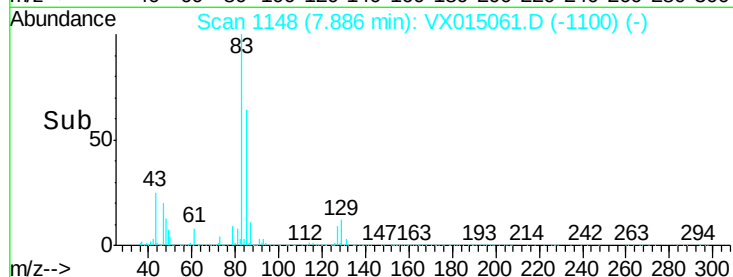
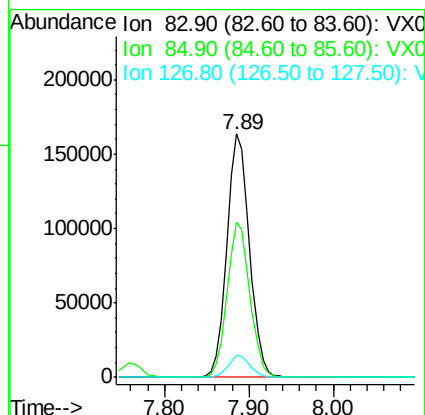
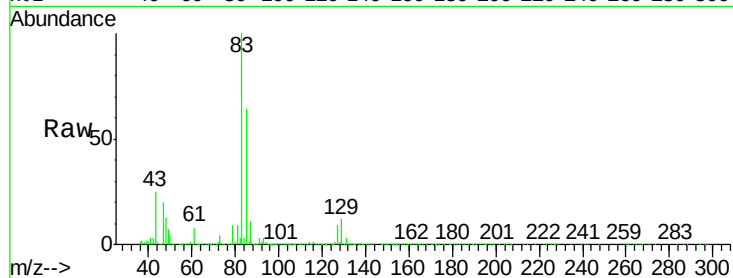




#47
Bromodichloromethane
Concen: 52.77 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

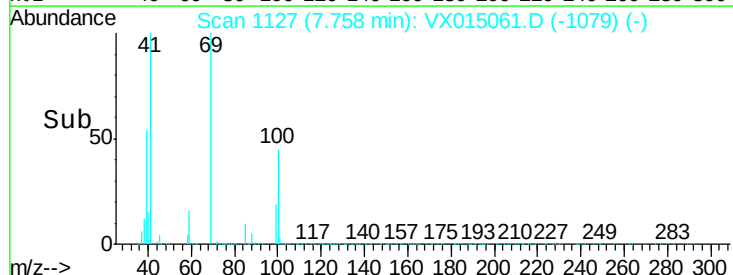
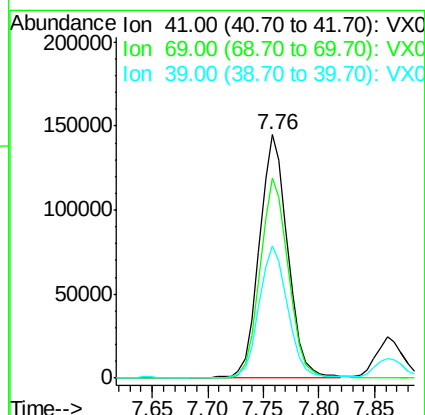
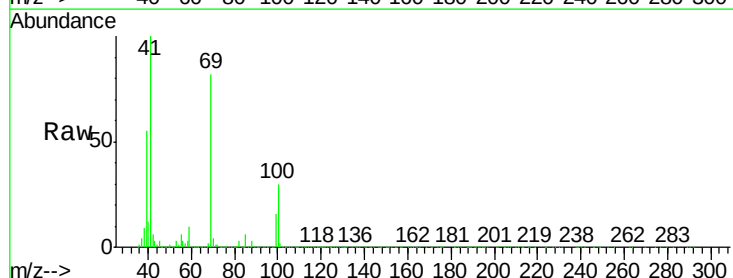
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

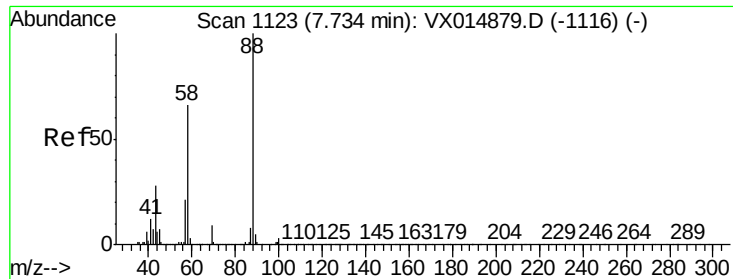
Tgt Ion: 83 Resp: 299290
Ion Ratio Lower Upper
83 100
85 63.5 52.5 78.7
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 55.10 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 41 Resp: 256245
Ion Ratio Lower Upper
41 100
69 82.0 65.7 98.5
39 54.4 45.8 68.8

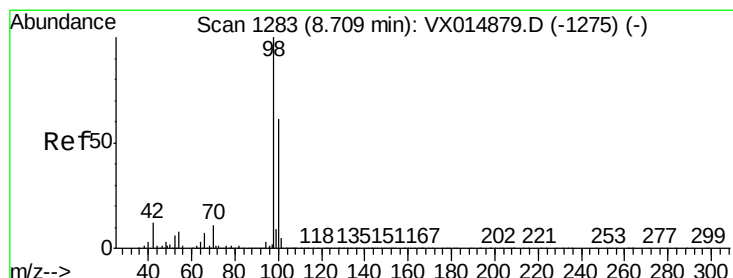
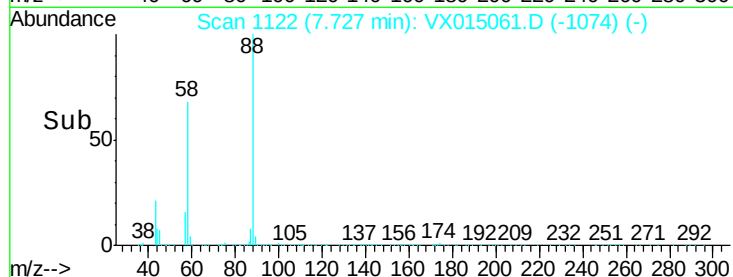
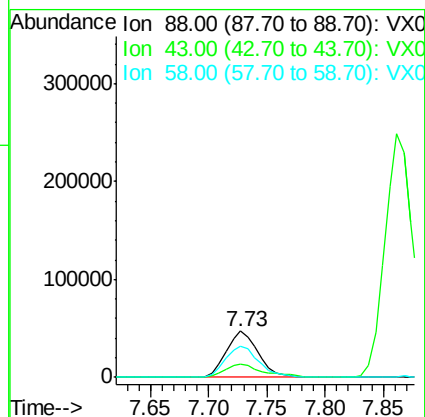
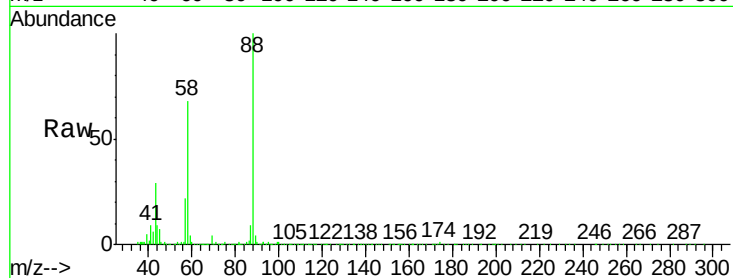




#49
1,4-Dioxane
Concen: 1023.50 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

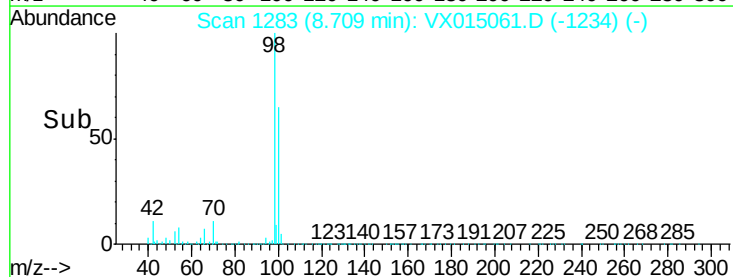
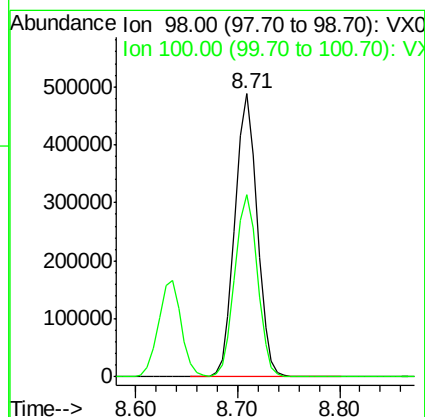
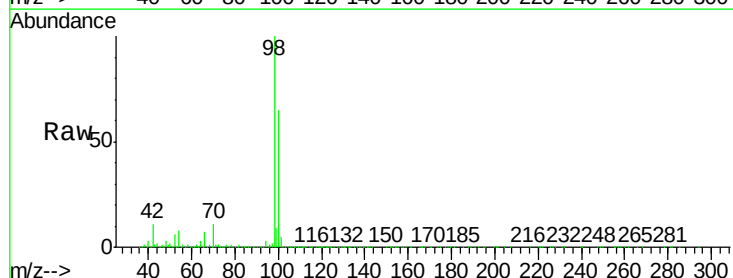
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

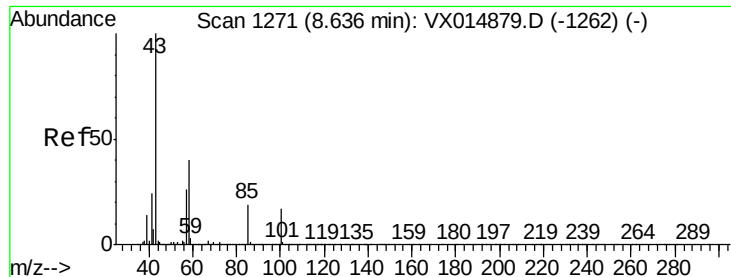
Tgt Ion: 88 Resp: 88991
Ion Ratio Lower Upper
88 100
43 33.8 27.0 40.4
58 71.0 53.2 79.8



#50
Toluene-d8
Concen: 50.92 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 98 Resp: 733596
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 279.04 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

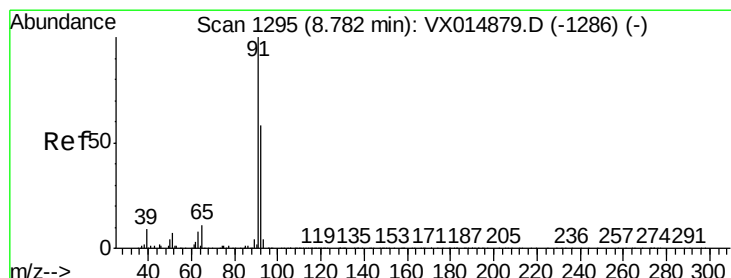
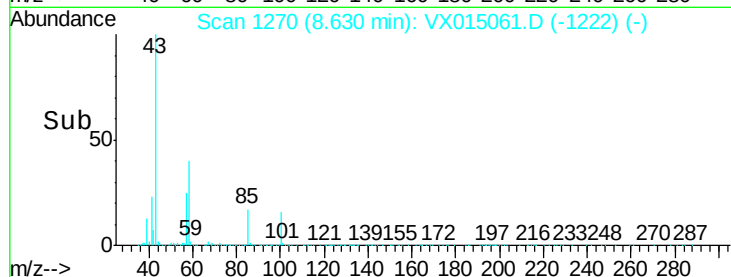
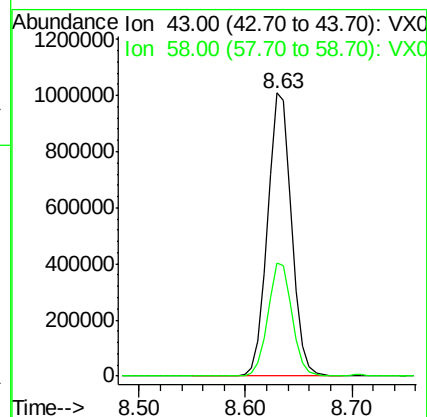
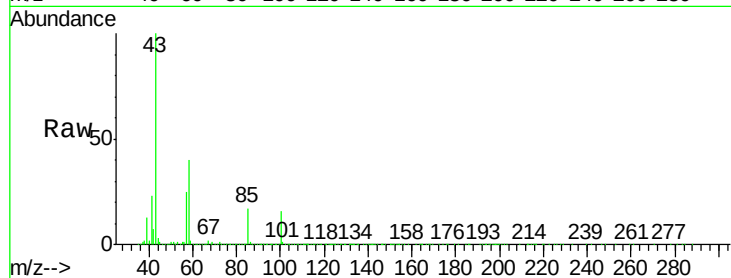
VSTDCCC050

Tgt Ion: 43 Resp: 1592146

Ion Ratio Lower Upper

43 100

58 40.1 31.9 47.9



#52

Toluene

Concen: 52.36 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015061.D

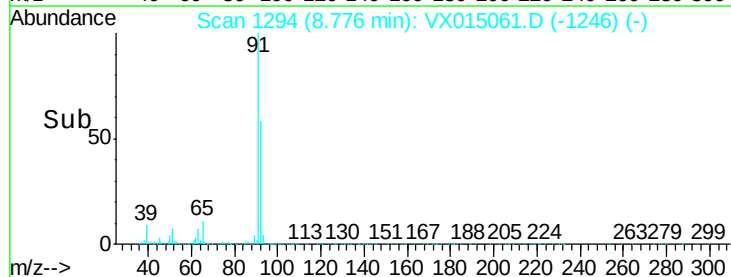
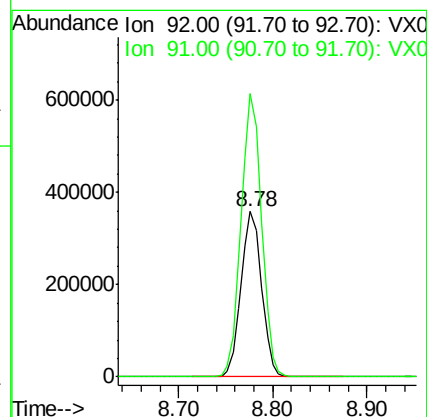
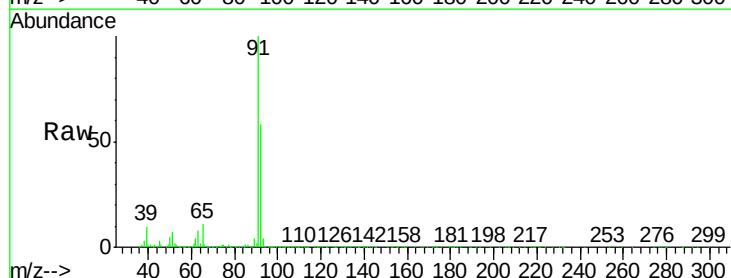
Acq: 02 Mar 2020 09:41

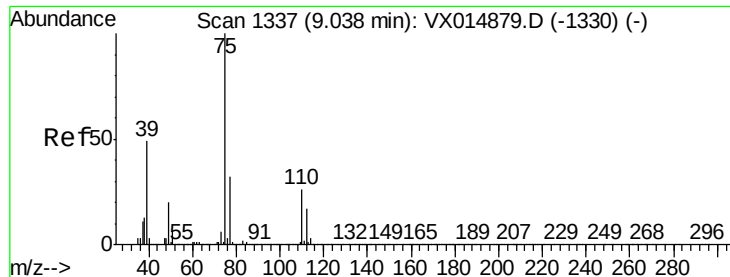
Tgt Ion: 92 Resp: 545703

Ion Ratio Lower Upper

92 100

91 170.5 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 54.29 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampled :

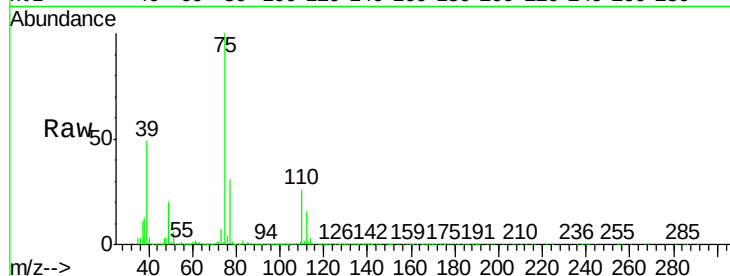
VSTDCCC050

Tgt Ion: 75 Resp: 337496

Ion Ratio Lower Upper

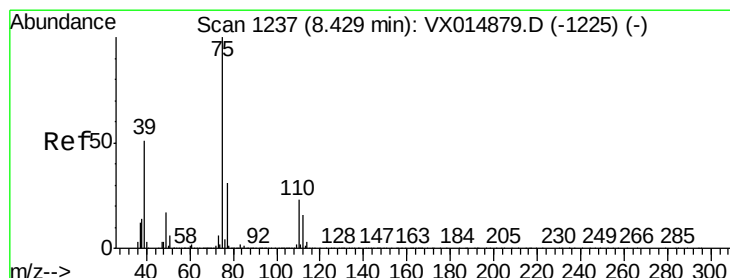
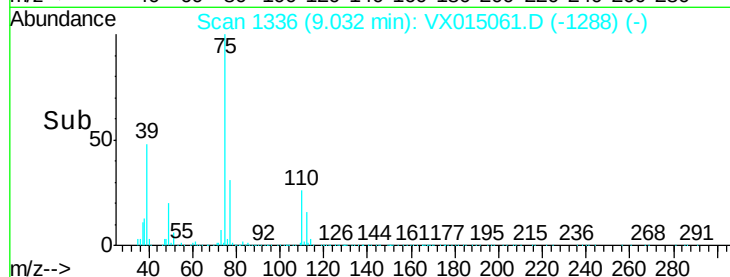
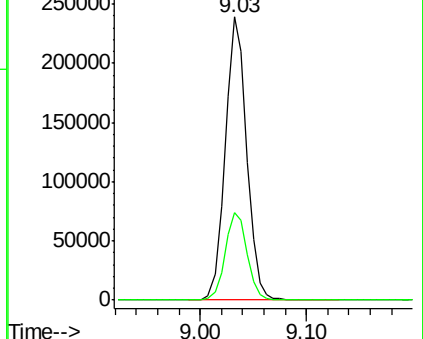
75 100

77 31.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.76 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

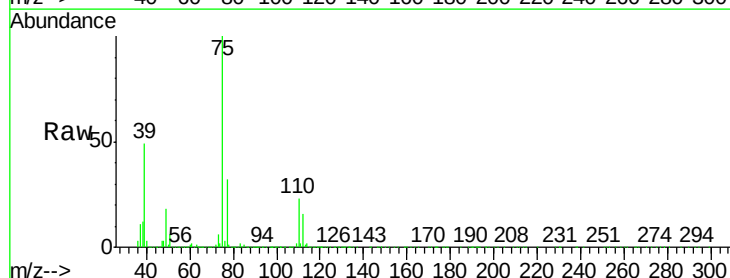
Tgt Ion: 75 Resp: 369165

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

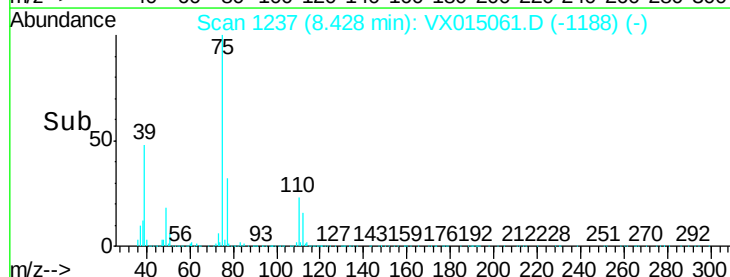
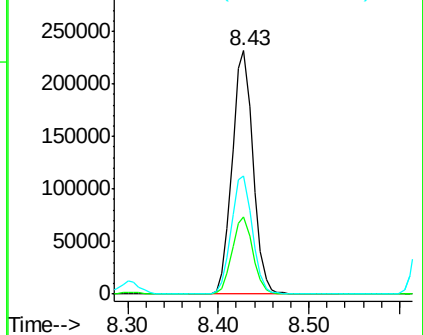
39 48.4 40.9 61.3

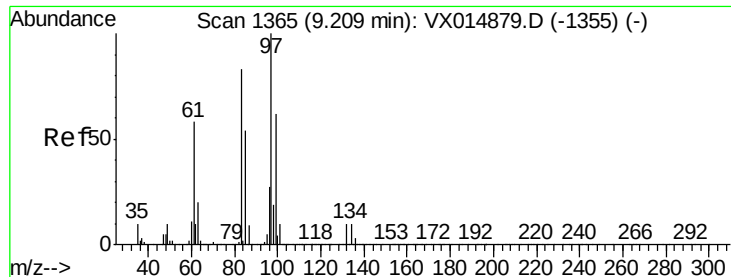


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 53.62 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 226110

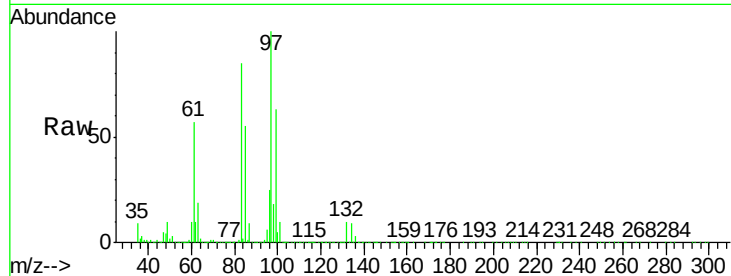
Ion Ratio Lower Upper

97 100

83 85.5 66.6 99.8

85 55.1 43.5 65.3

99 62.5 49.6 74.4

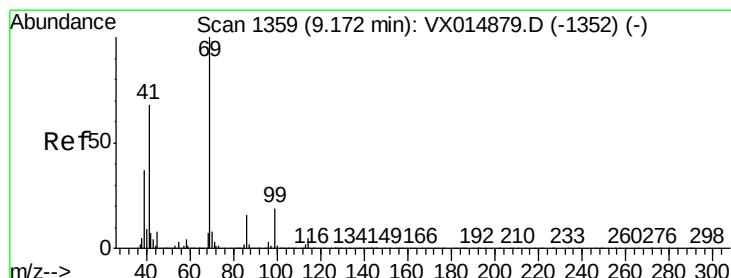
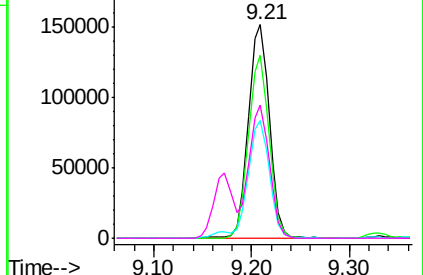
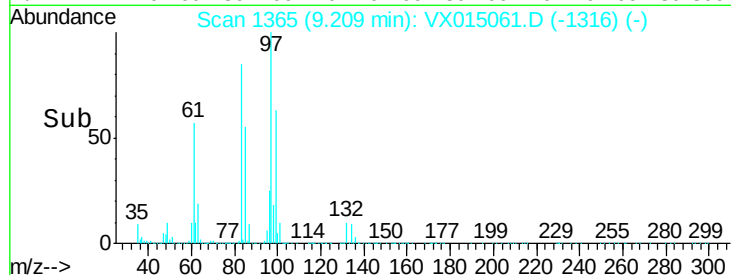


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 56.01 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

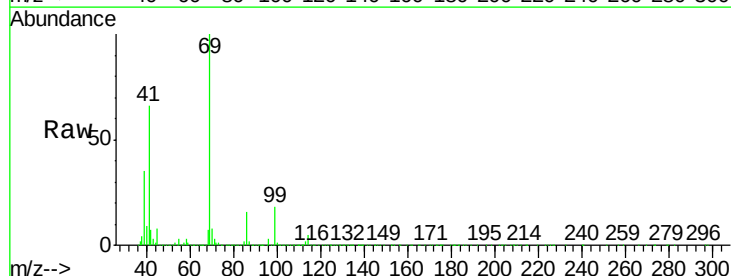
Tgt Ion: 69 Resp: 354979

Ion Ratio Lower Upper

69 100

41 67.8 54.8 82.2

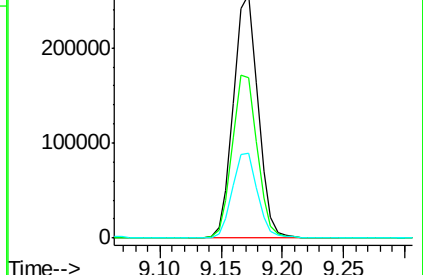
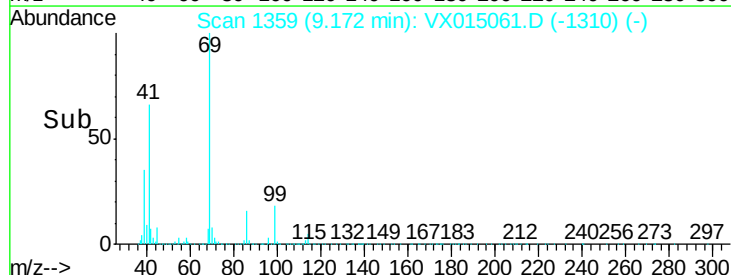
39 35.3 29.9 44.9

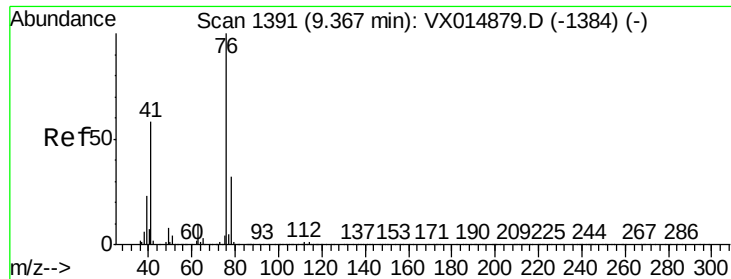


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

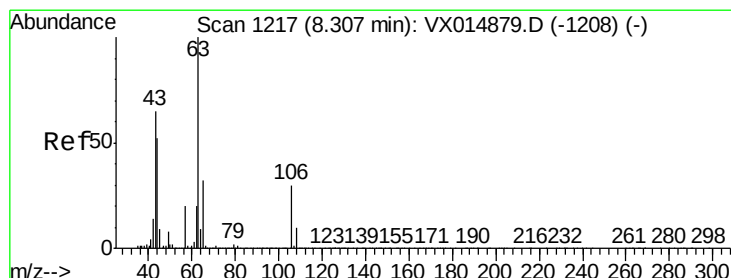
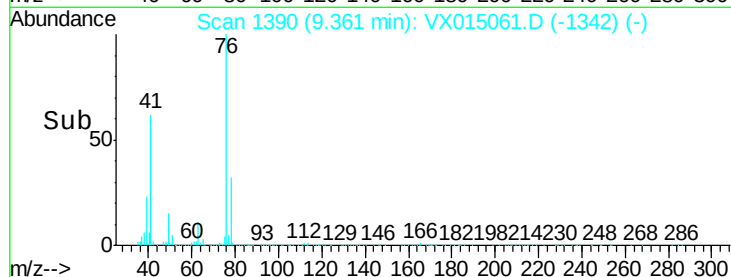
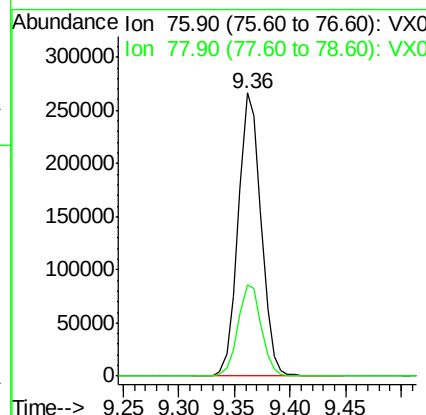
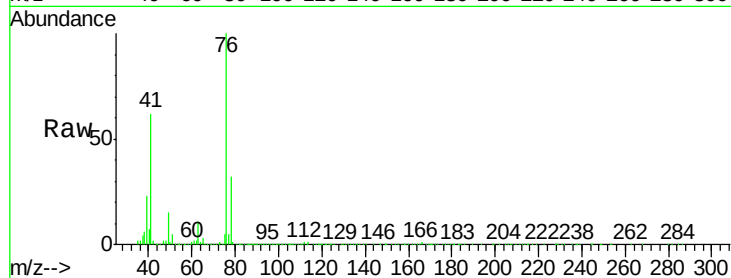




#57
 1,3-Dichloropropane
 Concen: 53.25 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

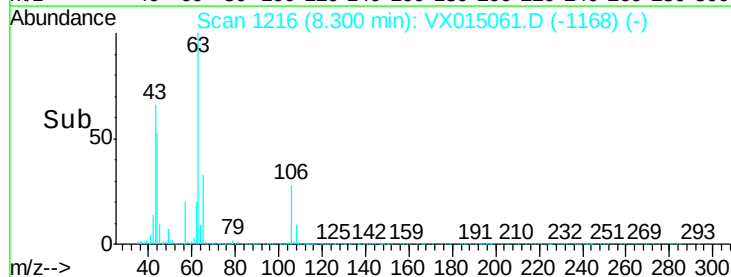
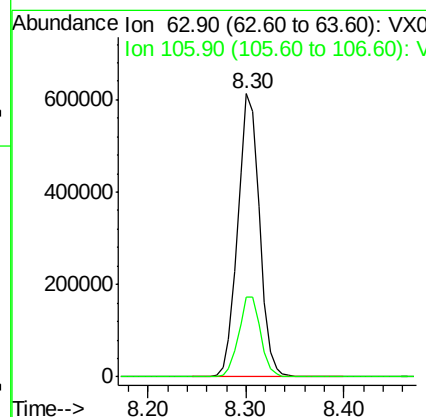
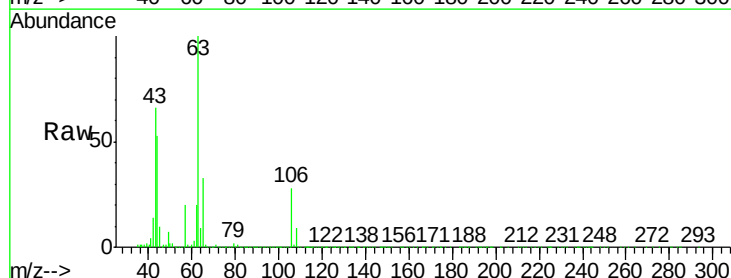
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

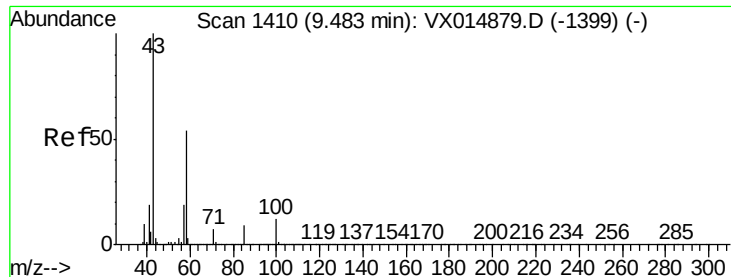
Tgt Ion: 76 Resp: 377986
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.67 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion: 63 Resp: 943591
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.8 35.8

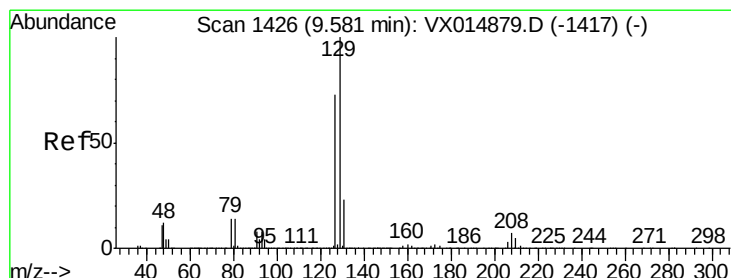
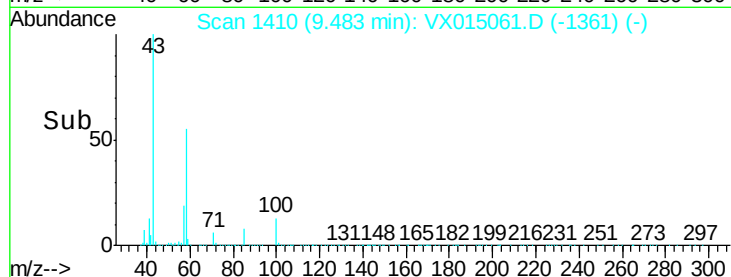
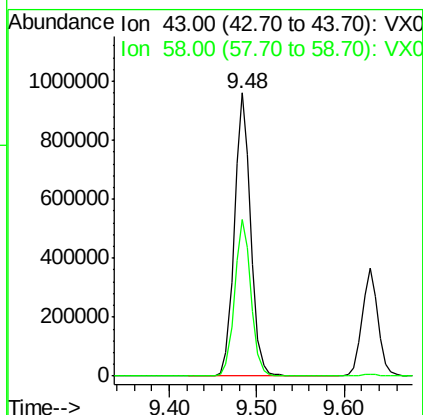
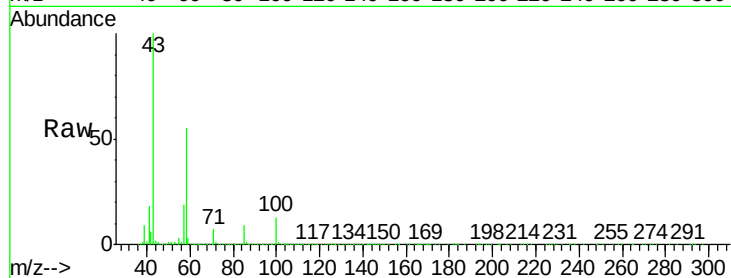




#59
2-Hexanone
Concen: 278.89 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

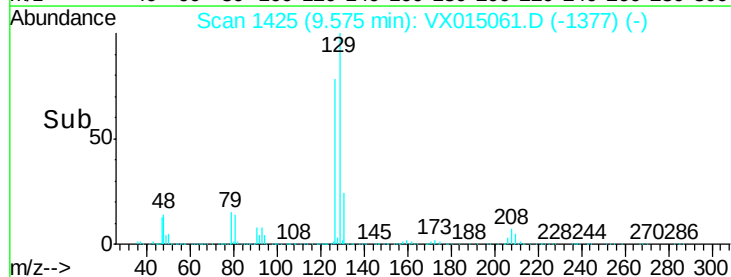
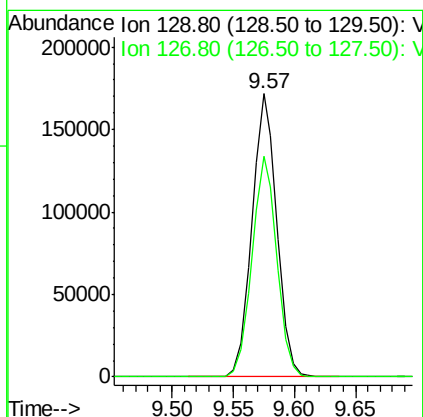
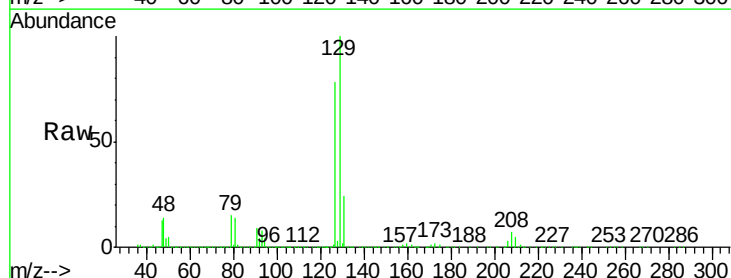
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

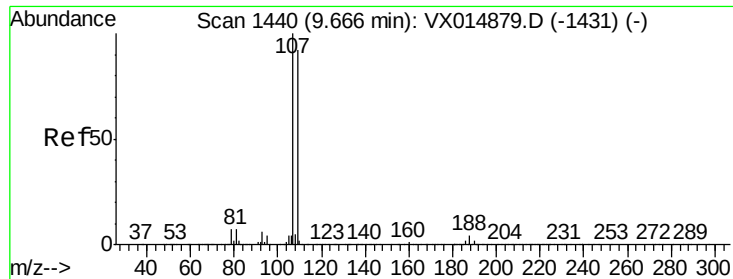
Tgt Ion: 43 Resp: 1250786
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.5



#60
Dibromochloromethane
Concen: 53.69 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 129 Resp: 243643
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.3

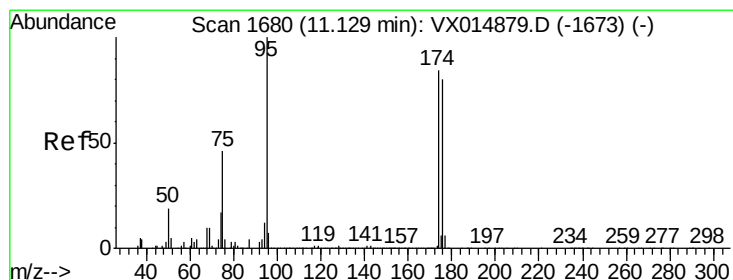
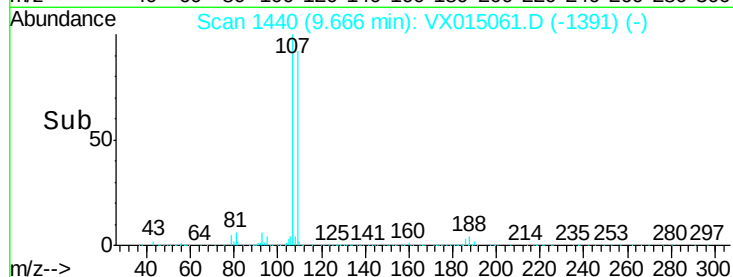
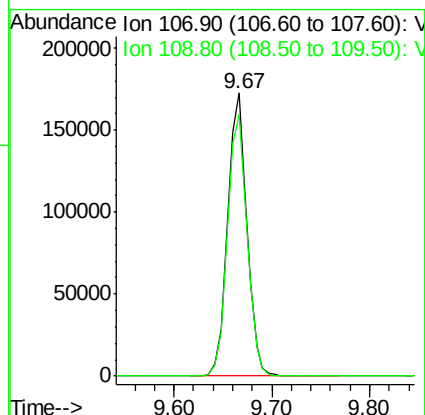
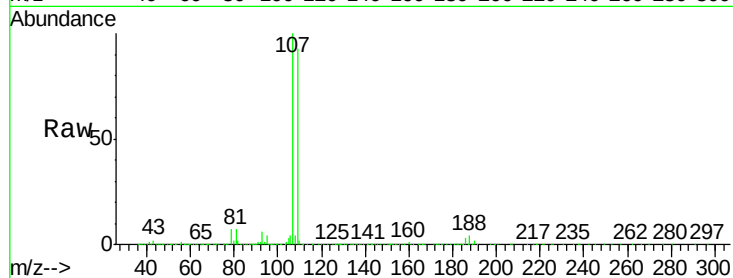




#61
 1,2-Dibromoethane
 Concen: 51.61 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

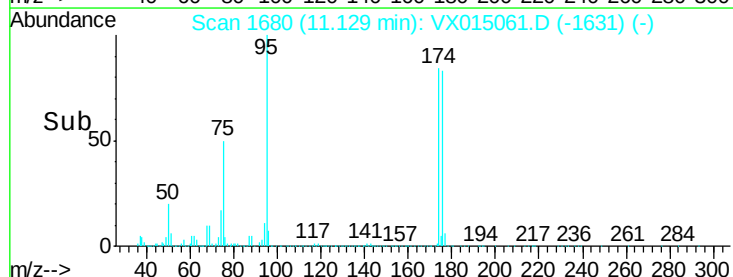
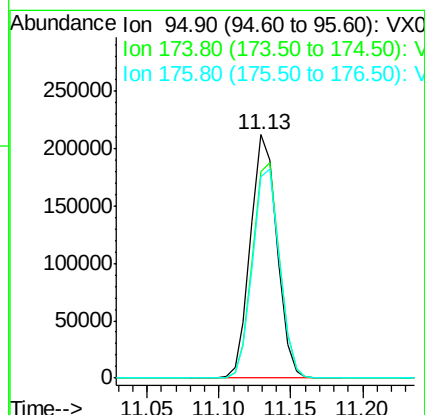
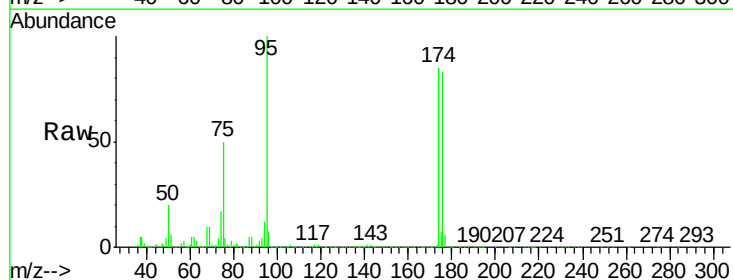
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

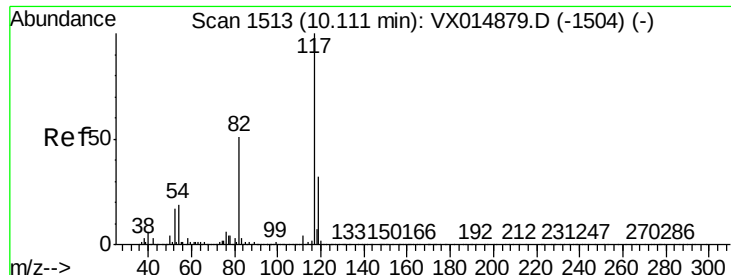
Tgt Ion: 107 Resp: 234814
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.88 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion: 95 Resp: 269262
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 183.0
 176 87.7 0.0 178.0

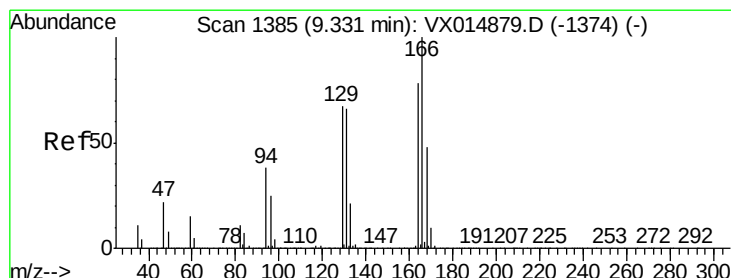
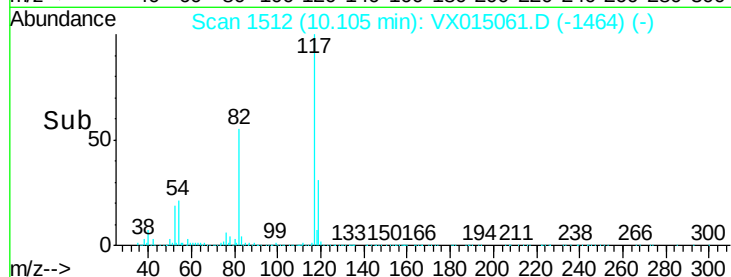
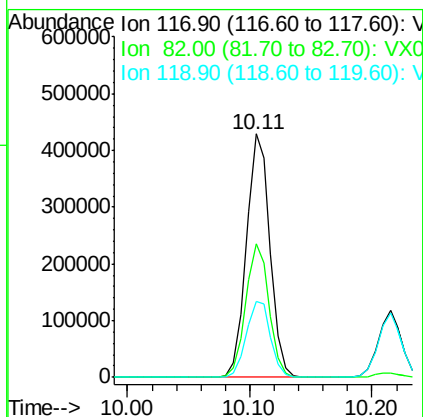
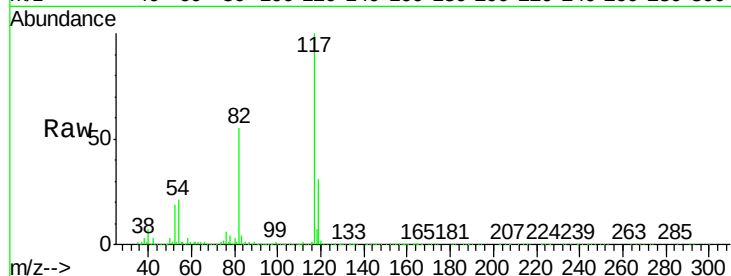




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

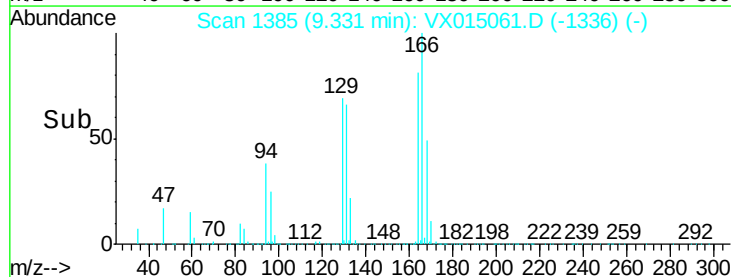
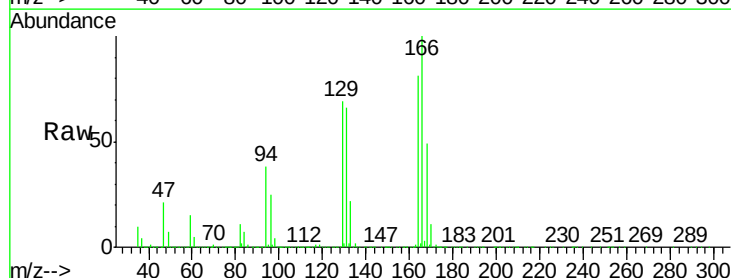
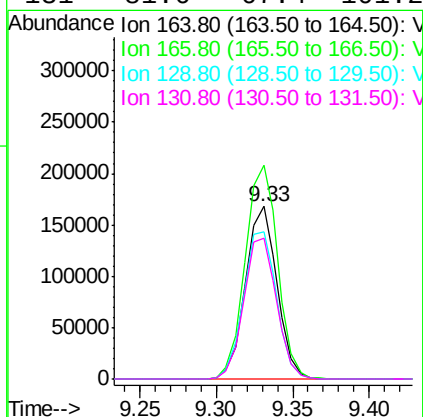
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

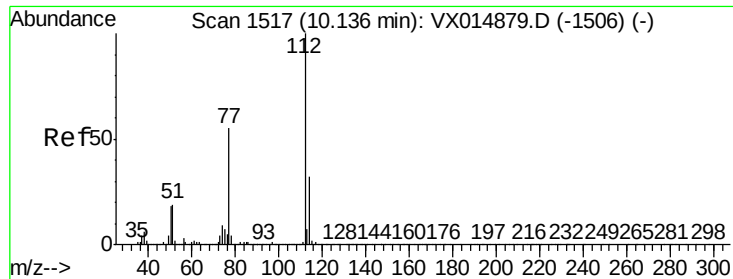
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	40.5	60.7
119	31.2	25.8	38.6



#64
Tetrachloroethene
Concen: 44.88 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	102.6	153.8
129	85.1	68.3	102.5
131	81.6	67.4	101.2

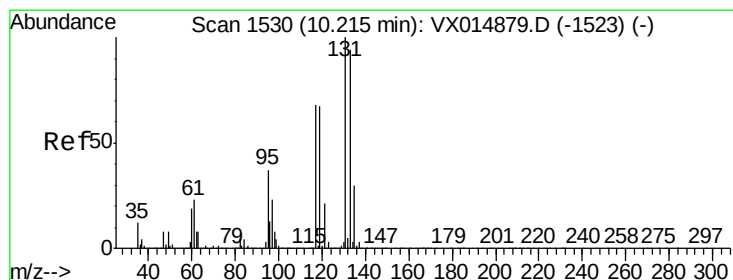
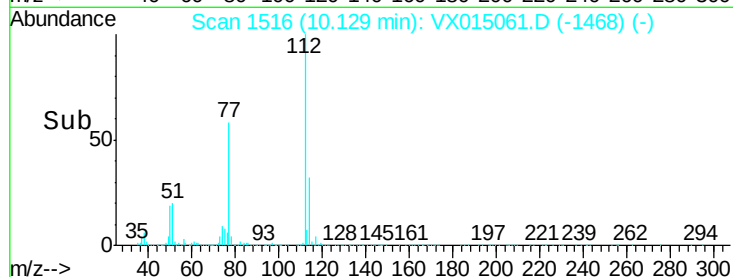
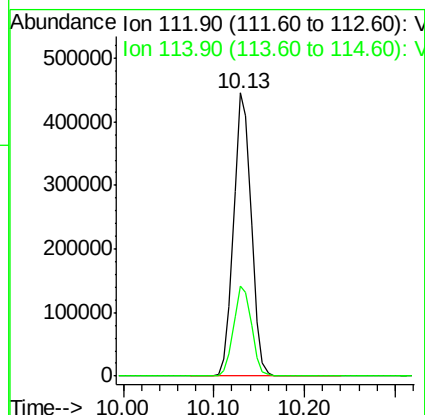
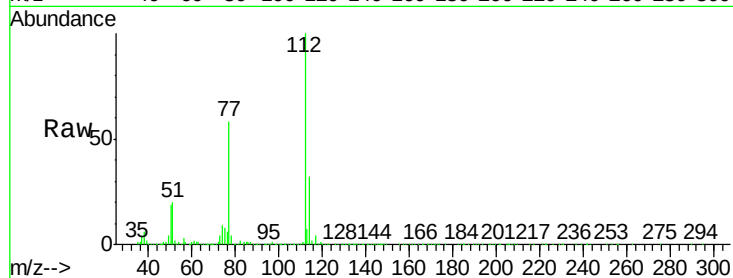




#65
Chlorobenzene
Concen: 51.66 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

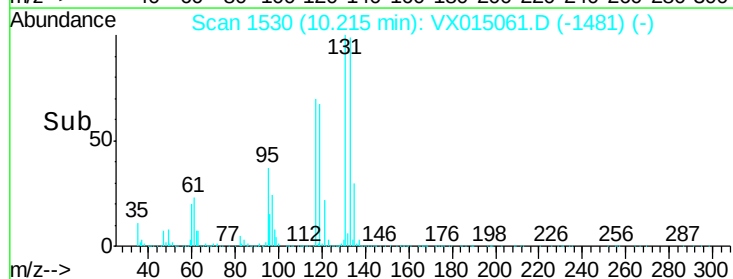
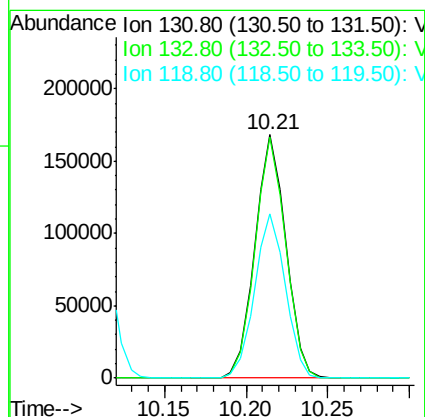
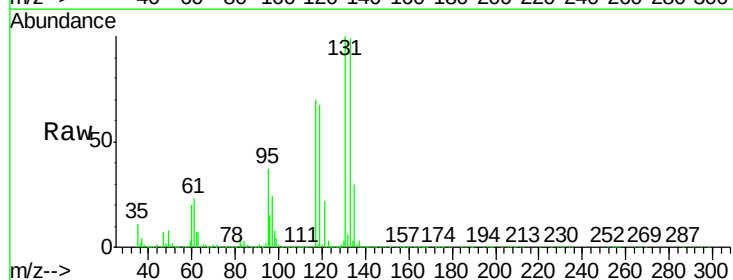
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

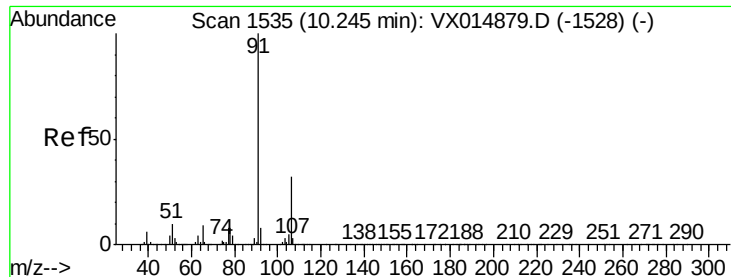
Tgt Ion:112 Resp: 599921
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.82 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion:131 Resp: 222712
Ion Ratio Lower Upper
131 100
133 98.1 48.1 144.4
119 67.1 33.0 99.0

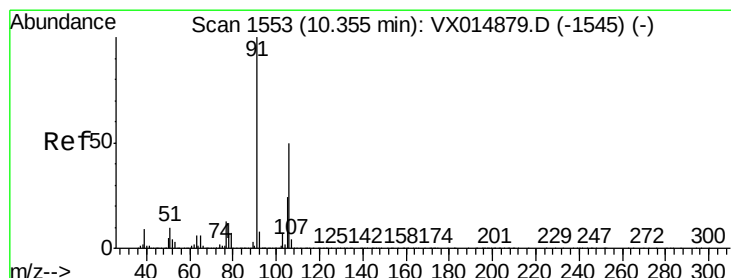
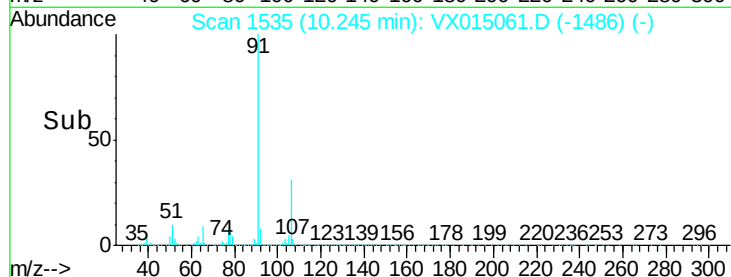
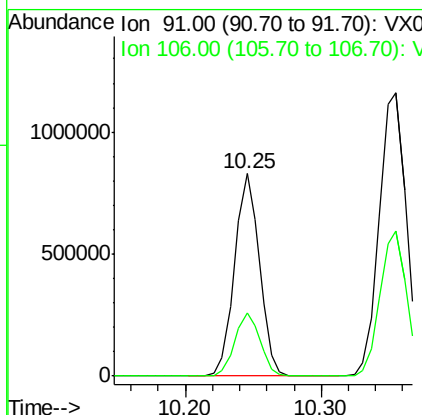
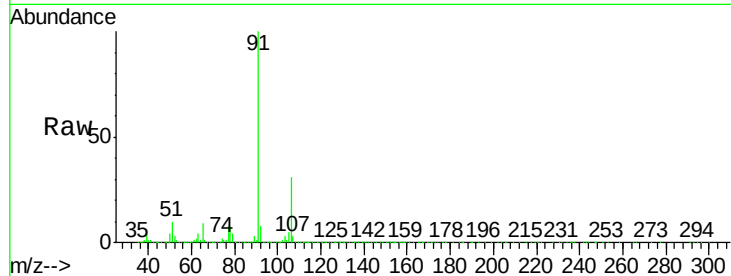




#67
Ethyl Benzene
Concen: 53.46 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

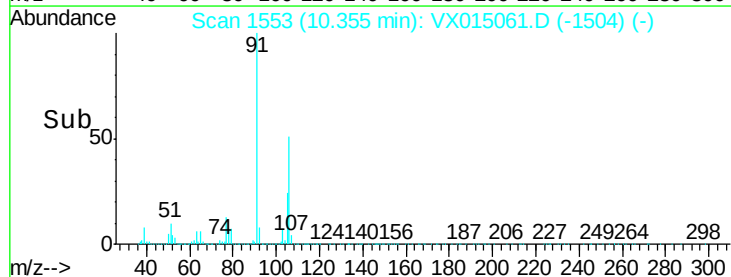
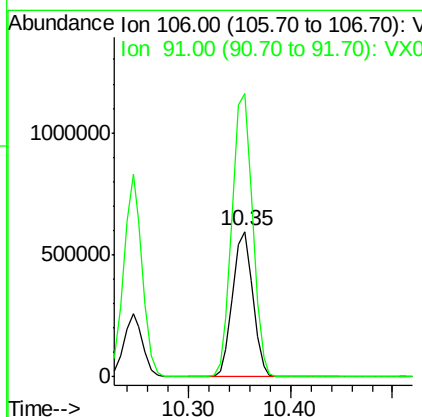
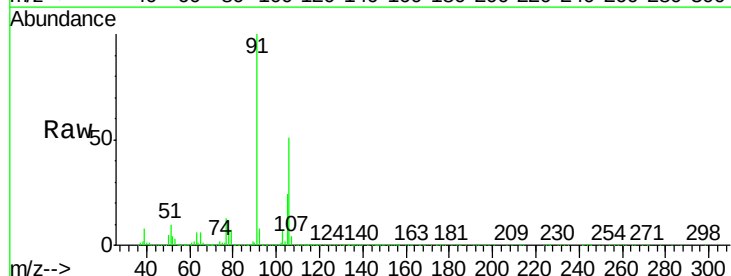
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

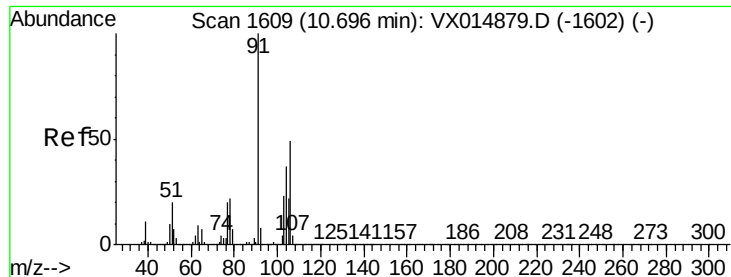
Tgt Ion: 91 Resp: 1055841
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 106.25 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 106 Resp: 808462
Ion Ratio Lower Upper
106 100
91 199.2 160.6 240.8

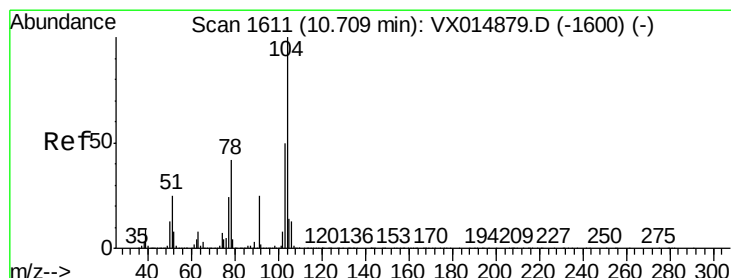
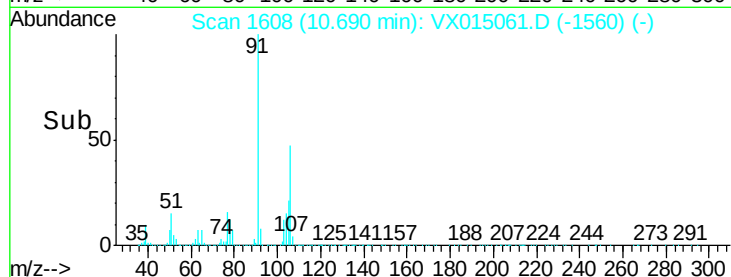
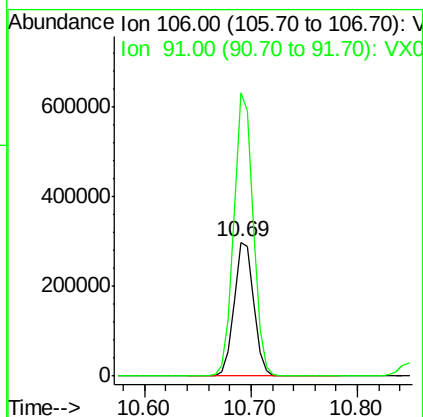
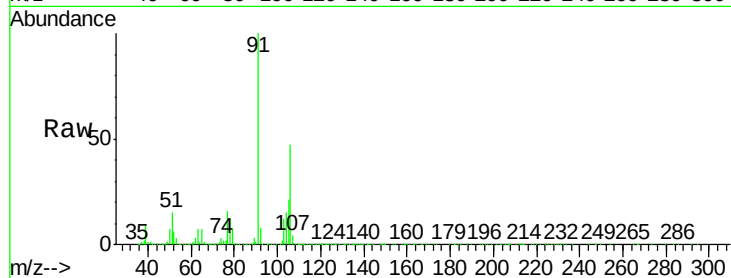




#69
o-Xylene
Concen: 53.01 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

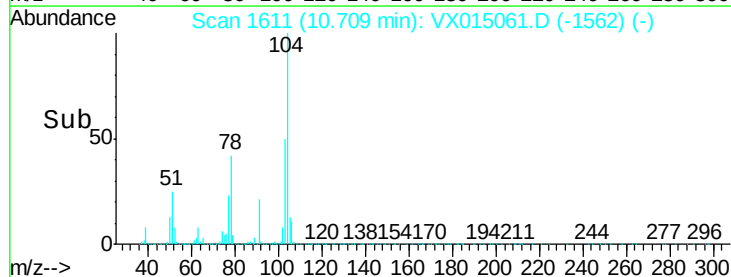
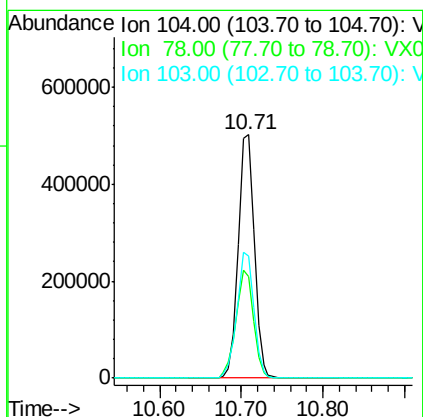
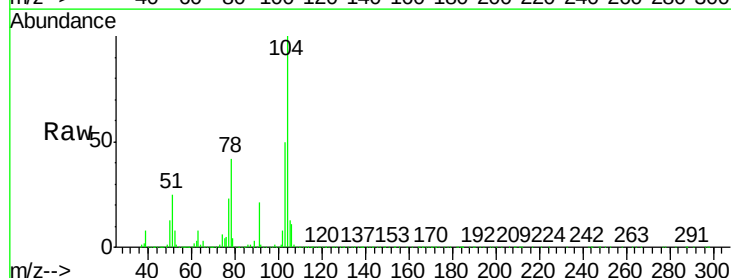
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

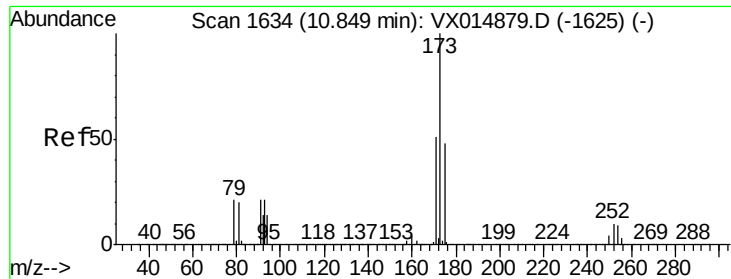
Tgt Ion:106 Resp: 387726
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.3



#70
Styrene
Concen: 54.67 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion:104 Resp: 676463
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 54.4 43.4 65.0

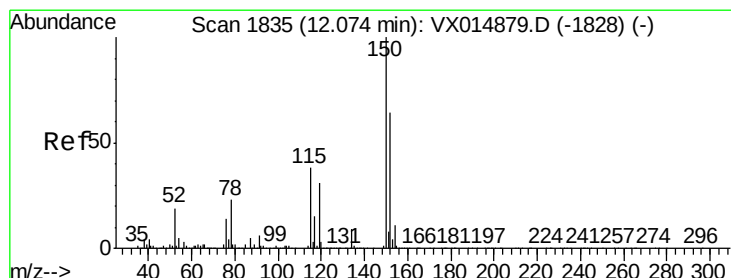
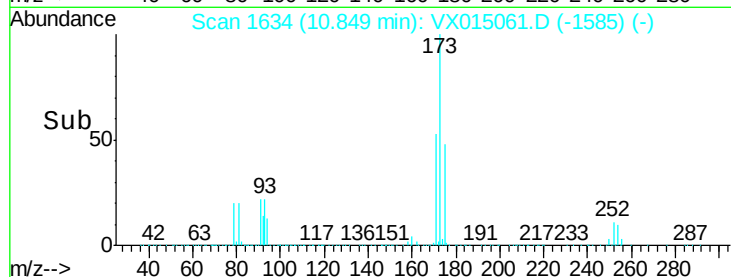
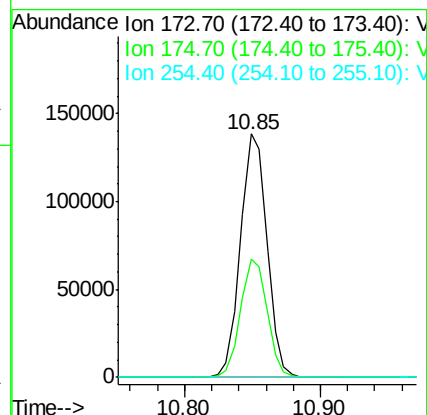
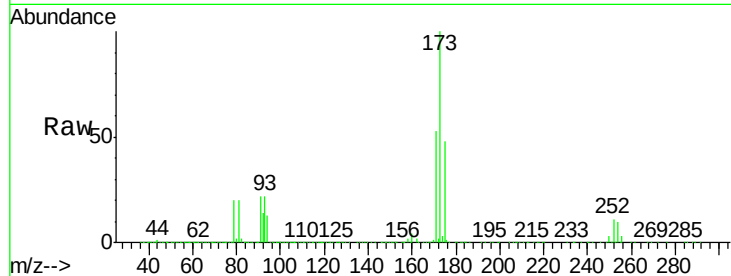




#71
Bromoform
Concen: 53.58 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

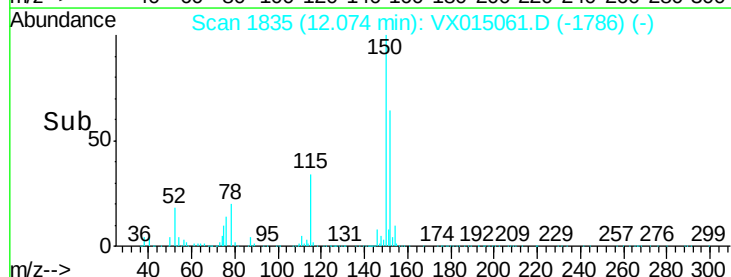
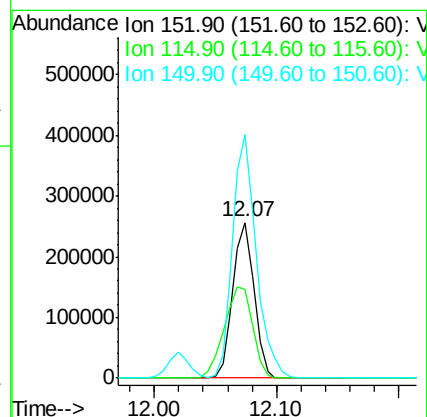
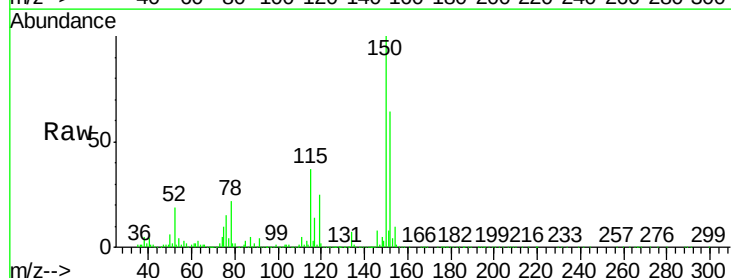
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

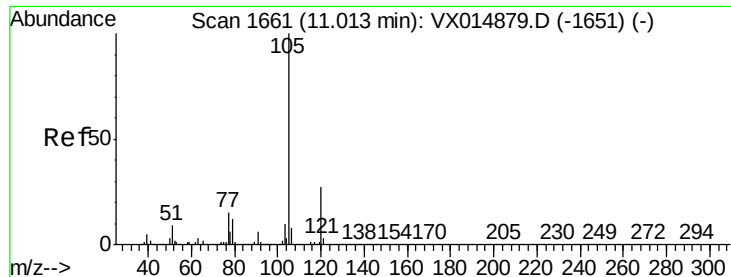
Tgt Ion:173 Resp: 188587
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion:152 Resp: 307020
Ion Ratio Lower Upper
152 100
115 78.4 38.6 116.0
150 174.0 0.0 349.0





#73

Isopropylbenzene

Concen: 54.07 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

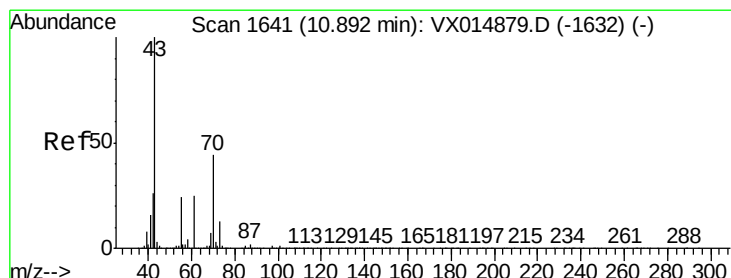
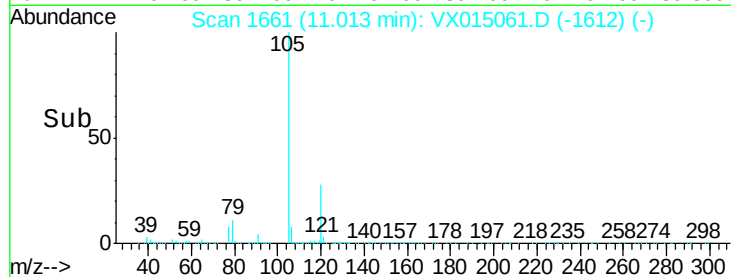
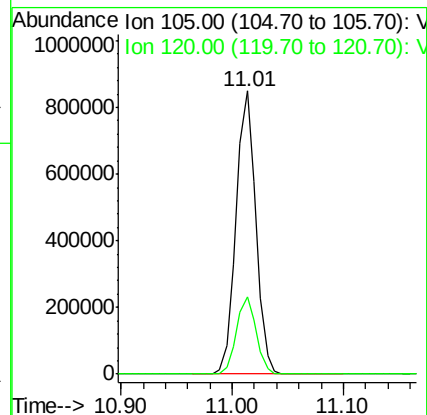
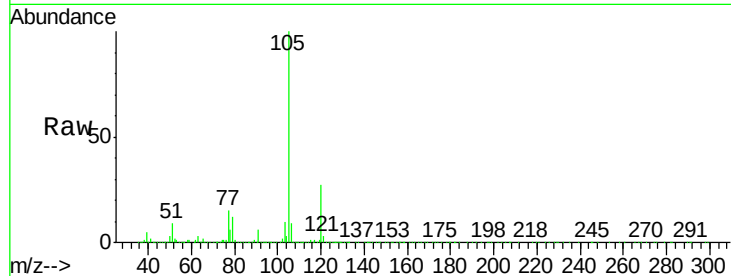
VSTDCCC050

Tgt Ion: 105 Resp: 1040953

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



#74

N-ethyl acetate

Concen: 56.53 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion: 43 Resp: 452271

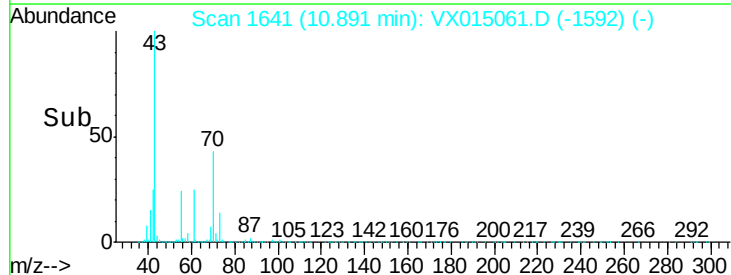
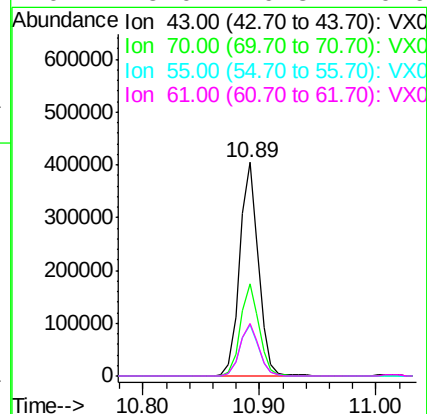
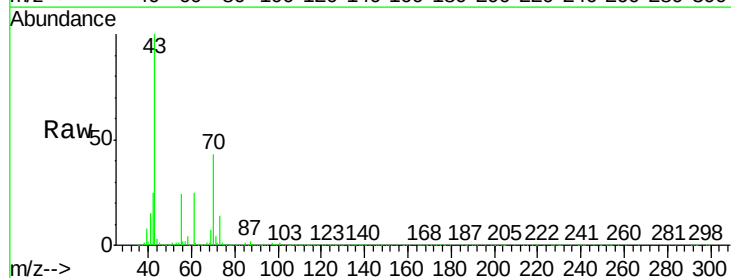
Ion Ratio Lower Upper

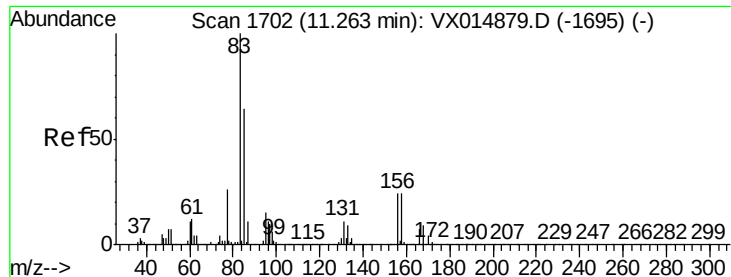
43 100

70 43.2 35.0 52.4

55 24.4 19.4 29.2

61 25.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.33 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

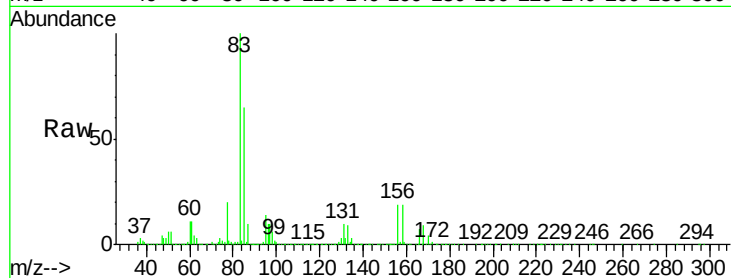
Tgt Ion: 83 Resp: 341920

Ion Ratio Lower Upper

83 100

131 9.8 5.3 16.1

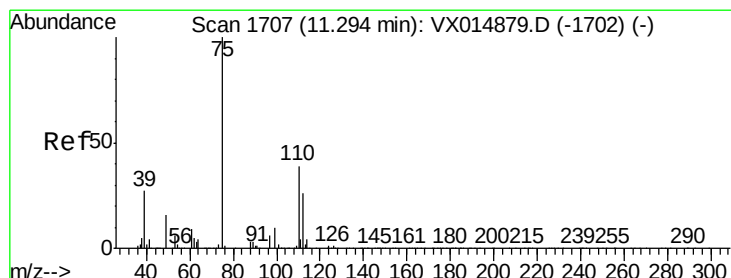
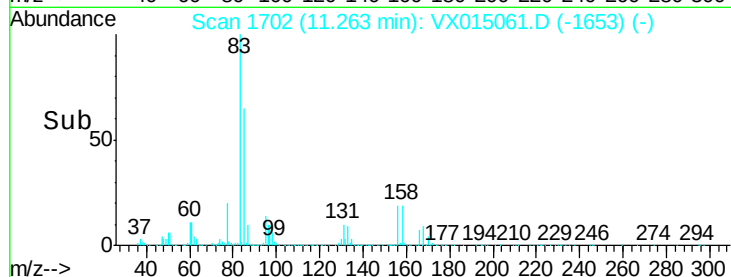
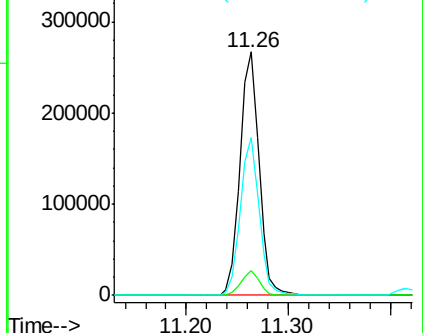
85 64.2 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.72 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015061.D

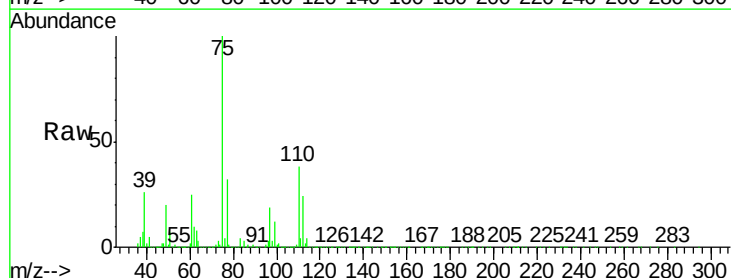
Acq: 02 Mar 2020 09:41

Tgt Ion: 75 Resp: 398157

Ion Ratio Lower Upper

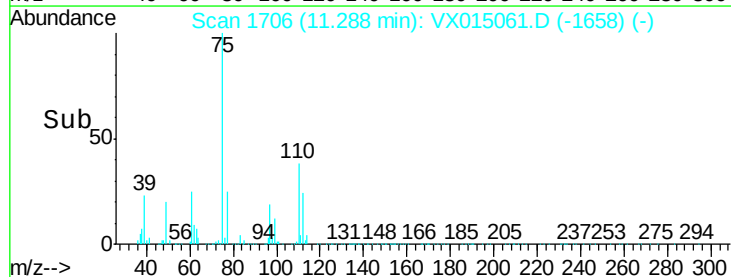
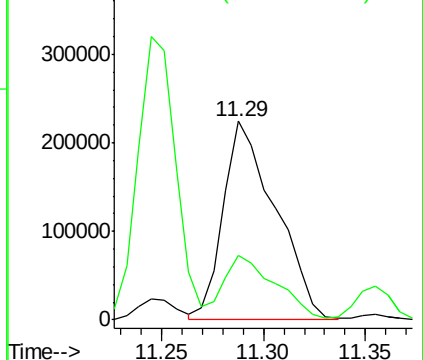
75 100

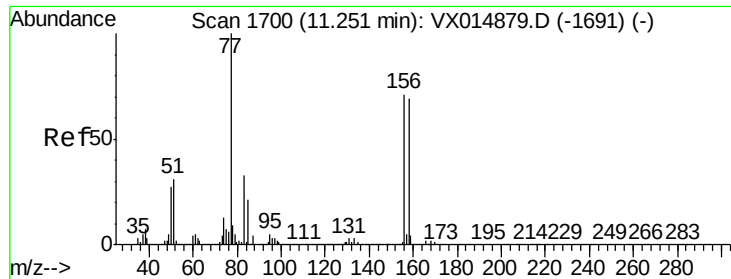
77 32.2 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.23 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

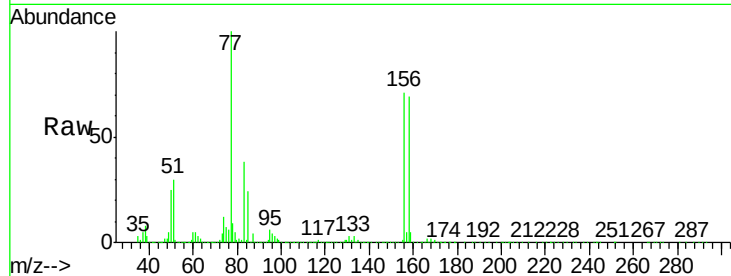
Tgt Ion:156 Resp: 275304

Ion Ratio Lower Upper

156 100

77 149.8 74.0 222.0

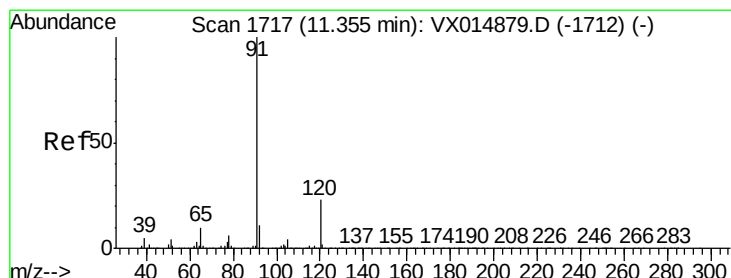
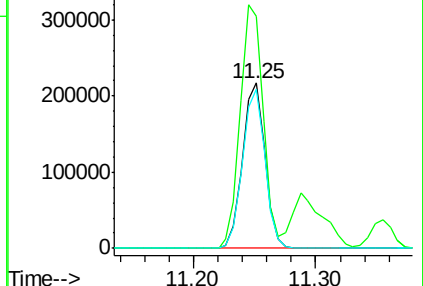
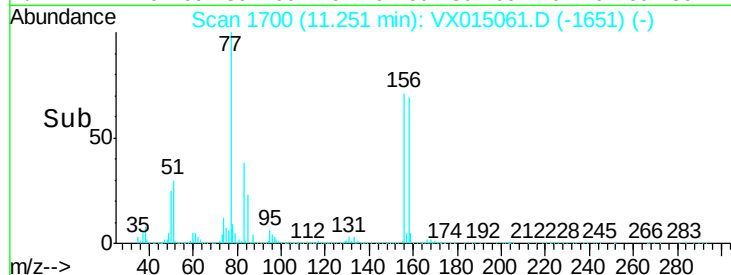
158 96.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.97 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015061.D

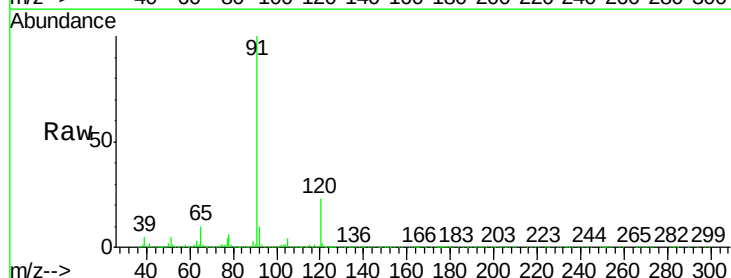
Acq: 02 Mar 2020 09:41

Tgt Ion: 91 Resp: 1224159

Ion Ratio Lower Upper

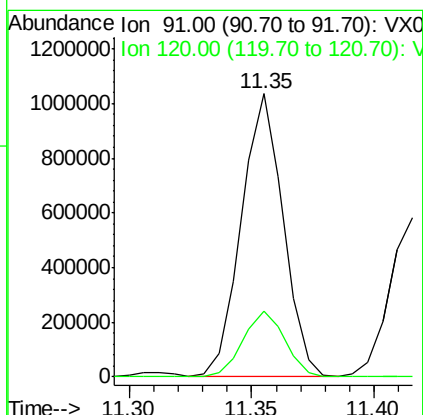
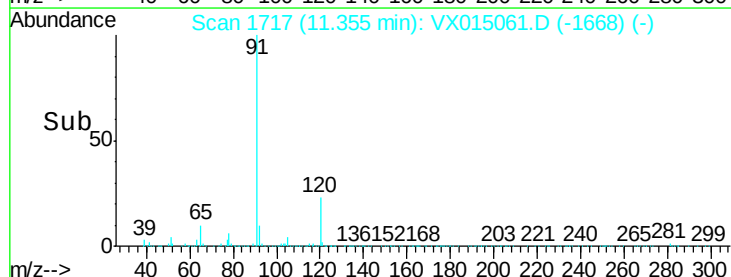
91 100

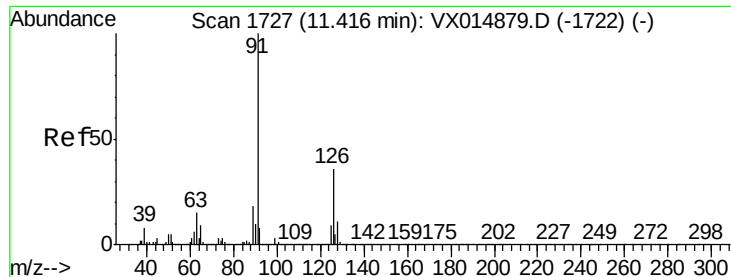
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.91 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

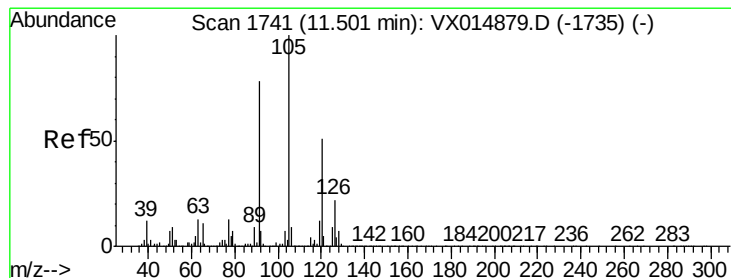
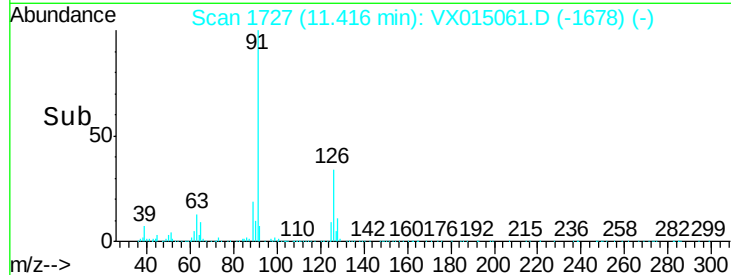
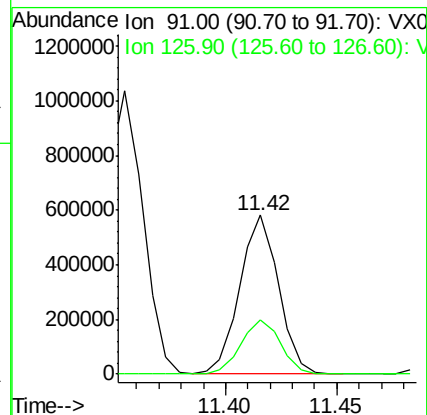
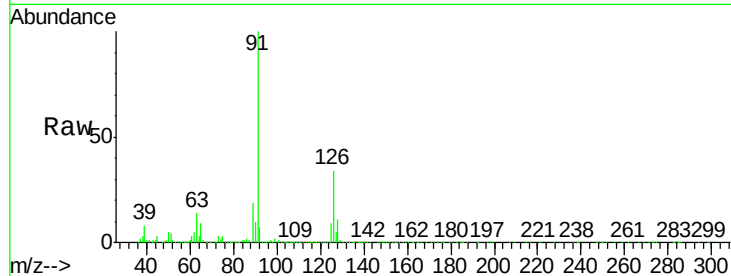
VSTDCCC050

Tgt Ion: 91 Resp: 705742

Ion Ratio Lower Upper

91 100

126 34.8 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 54.79 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015061.D

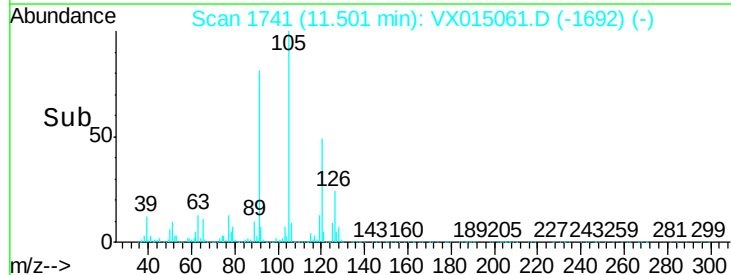
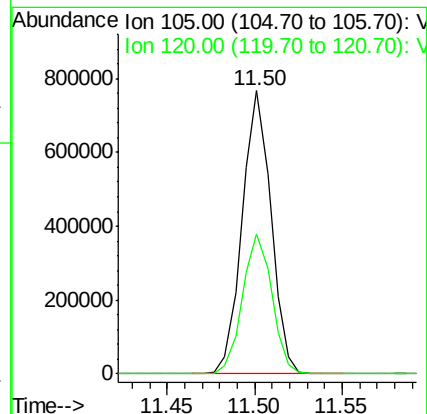
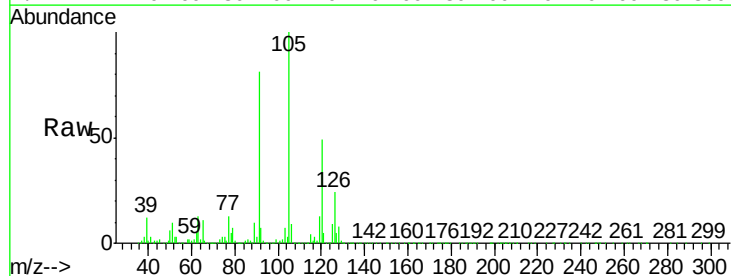
Acq: 02 Mar 2020 09:41

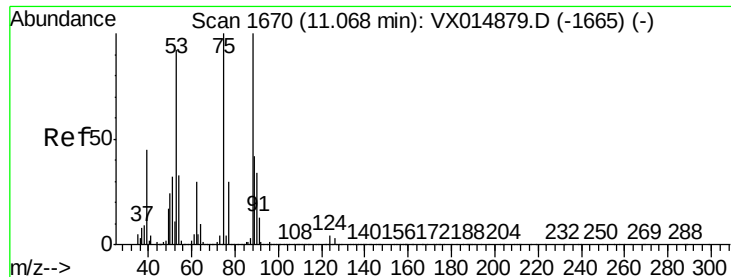
Tgt Ion: 105 Resp: 881363

Ion Ratio Lower Upper

105 100

120 50.1 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.86 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

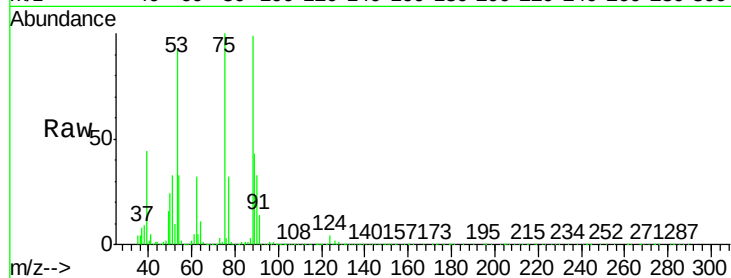
Tgt Ion: 75 Resp: 116828

Ion Ratio Lower Upper

75 100

53 96.0 76.2 114.2

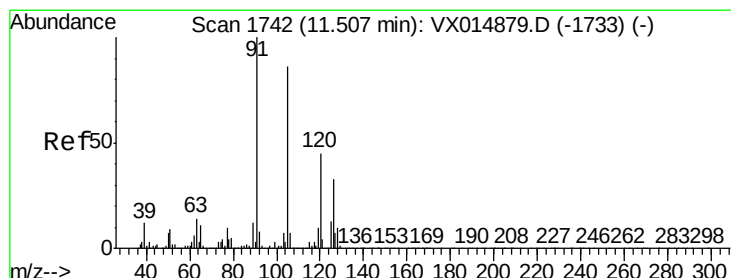
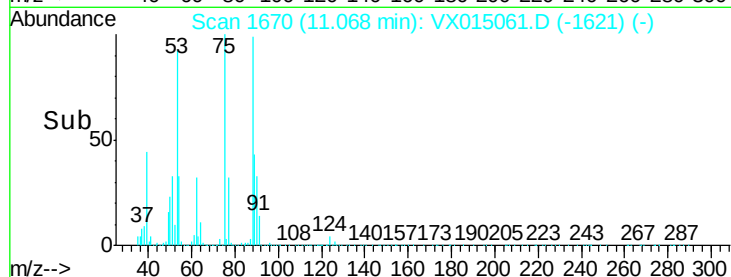
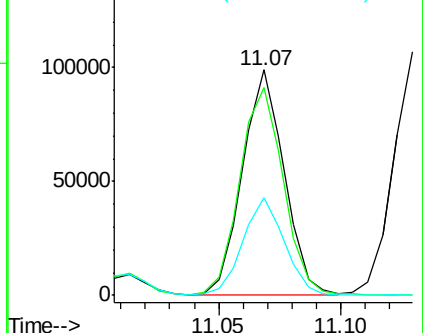
89 43.6 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.37 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015061.D

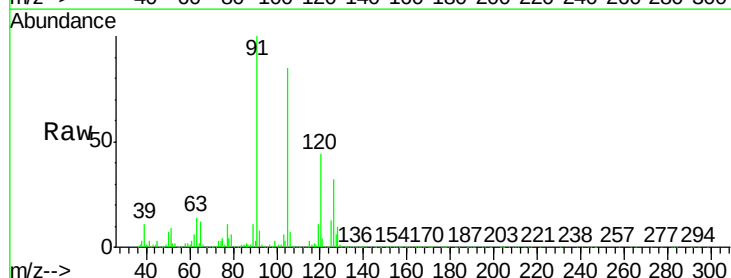
Acq: 02 Mar 2020 09:41

Tgt Ion: 91 Resp: 827419

Ion Ratio Lower Upper

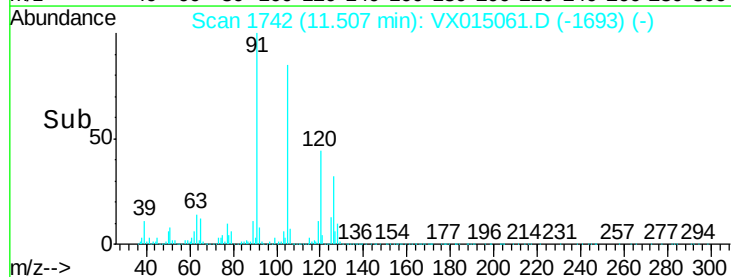
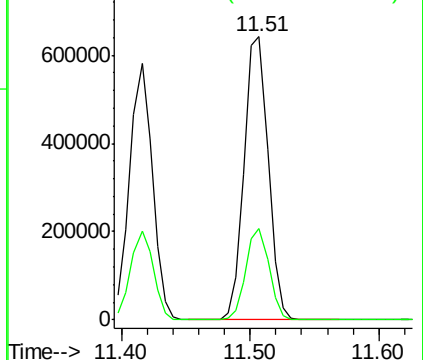
91 100

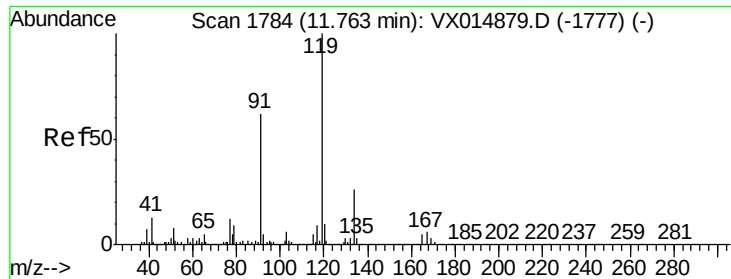
126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

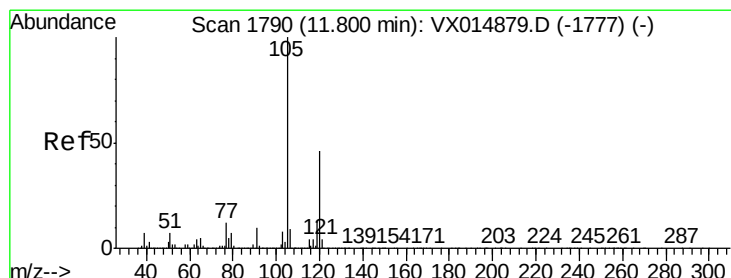
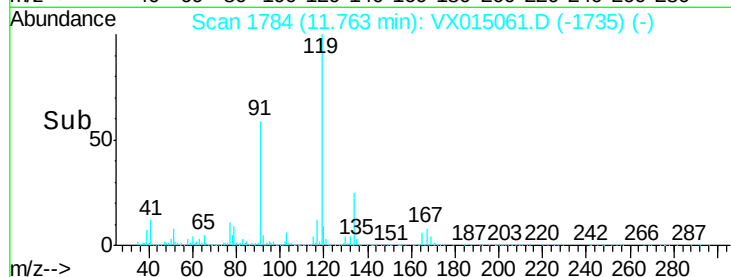
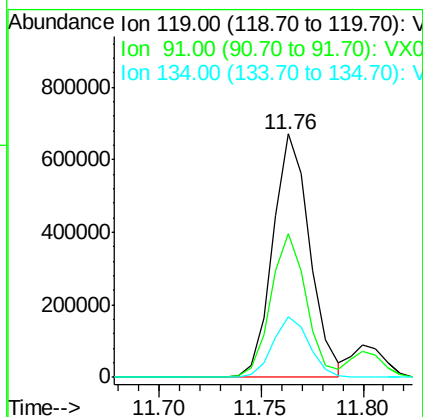
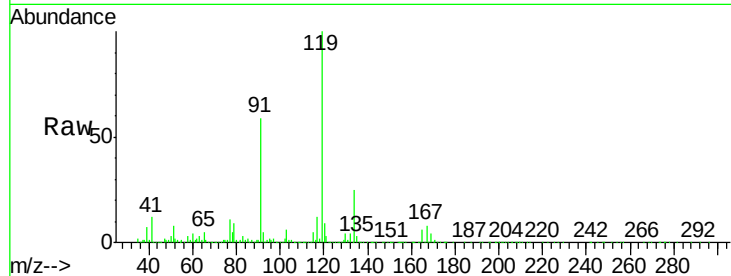




#83
tert-Butylbenzene
Concen: 55.79 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

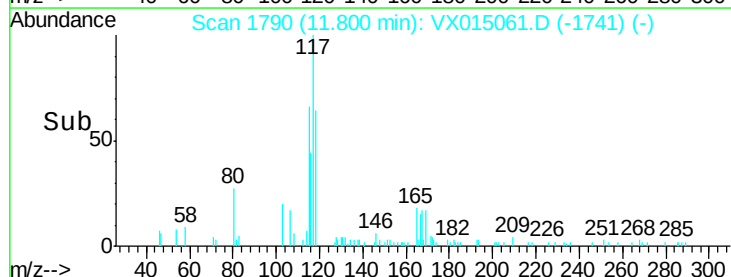
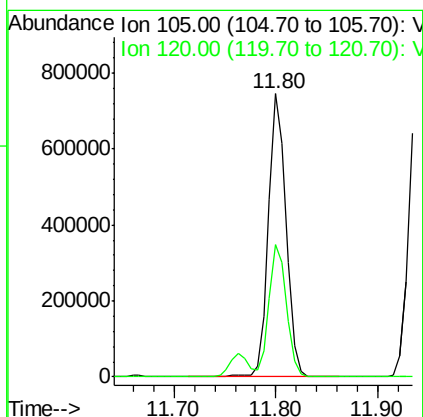
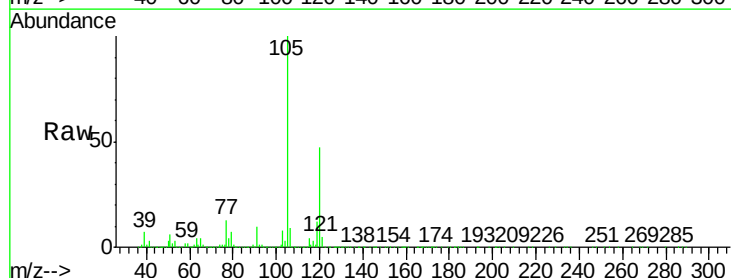
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

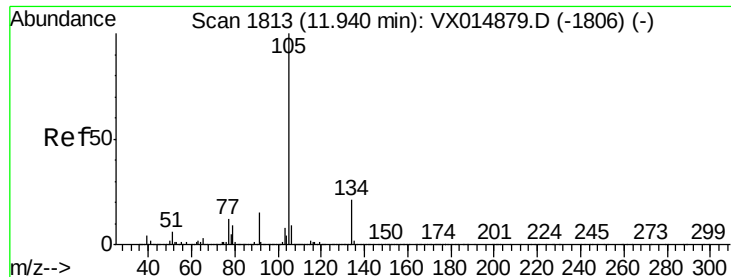
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.4	29.5	88.6
134	24.4	12.6	37.6



#84
1,2,4-Trimethylbenzene
Concen: 54.95 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0





#85

sec-Butylbenzene

Concen: 55.57 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

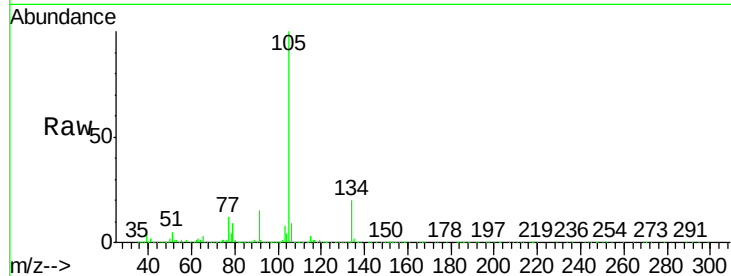
VSTDCCC050

Tgt Ion:105 Resp: 1051730

Ion Ratio Lower Upper

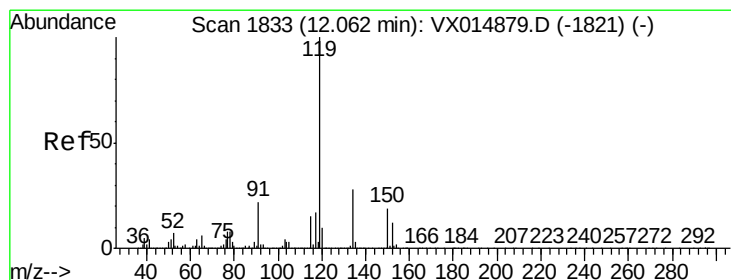
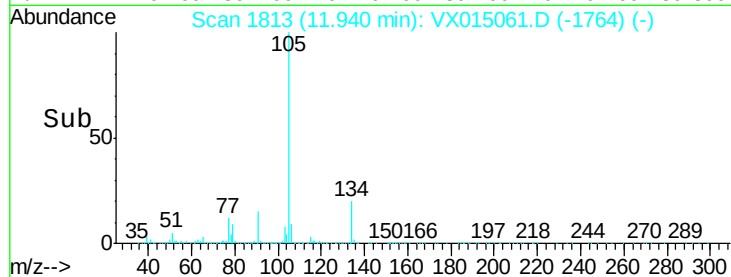
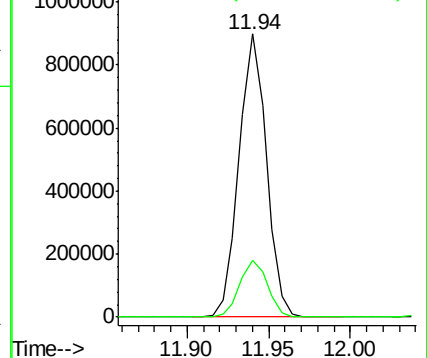
105 100

134 20.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.17 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

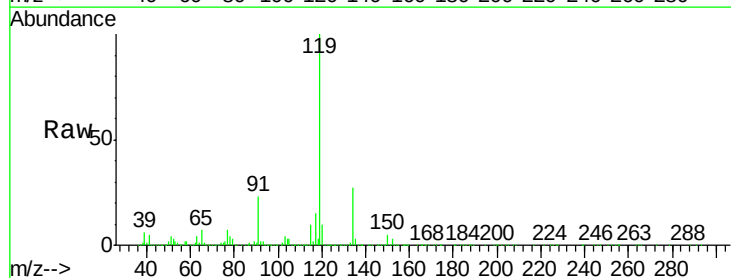
Tgt Ion:119 Resp: 977110

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

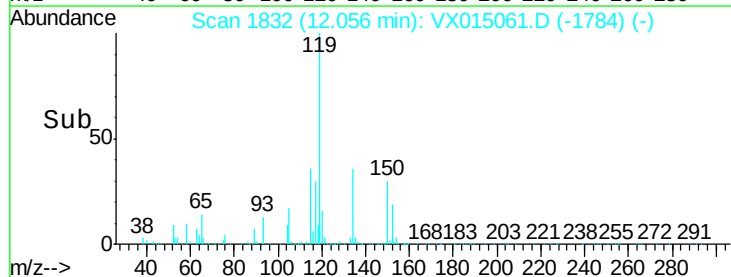
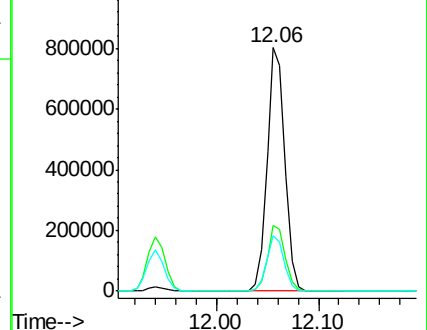
91 22.2 11.4 34.1

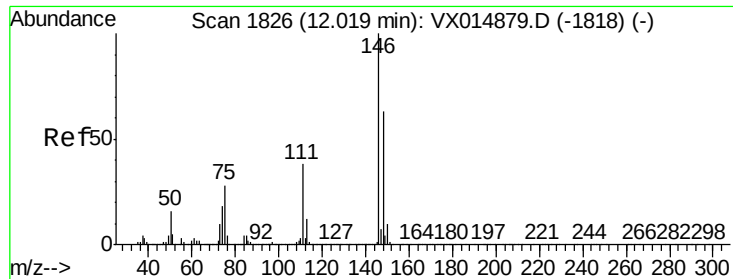


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.00 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

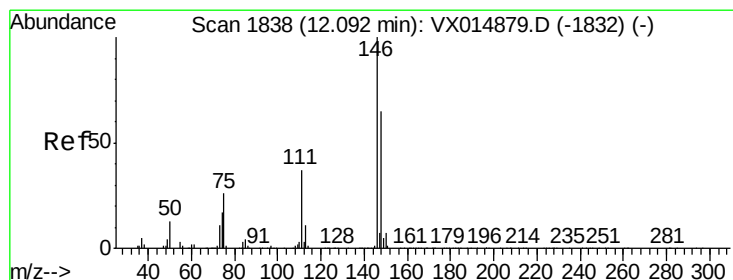
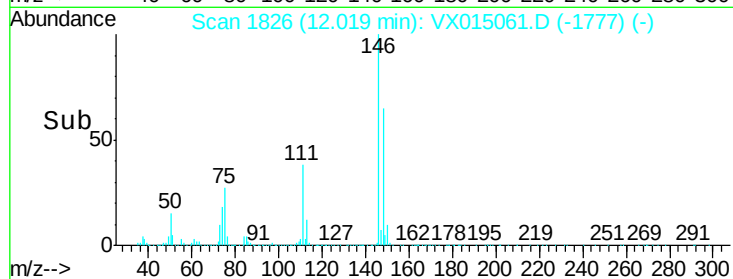
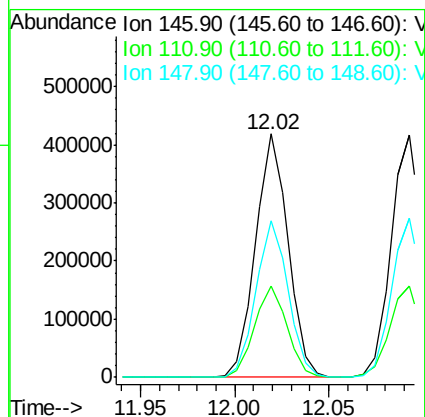
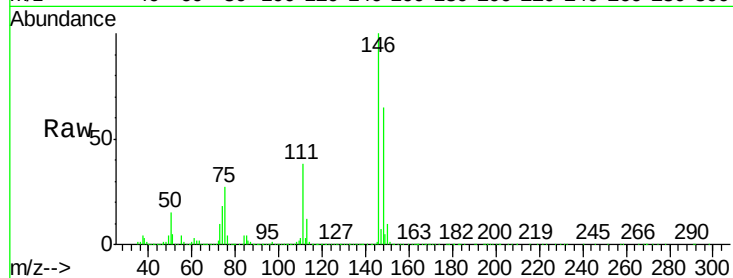
Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 501360

Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	63.7	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 51.03 ug/l

RT: 12.09 min Scan# 1838

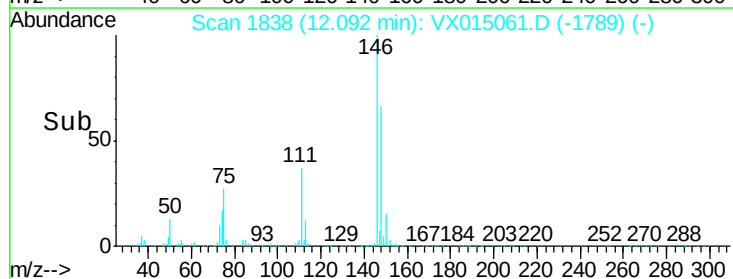
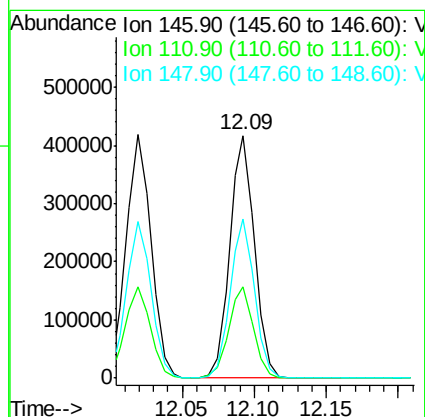
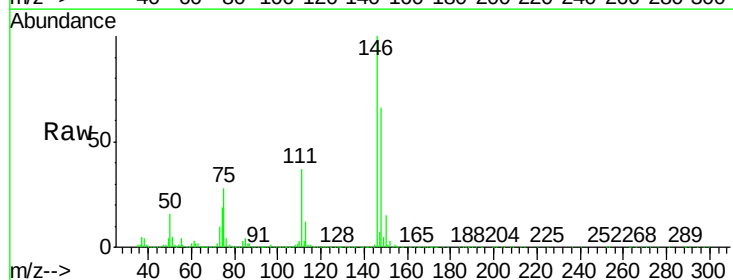
Delta R.T. -0.00 min

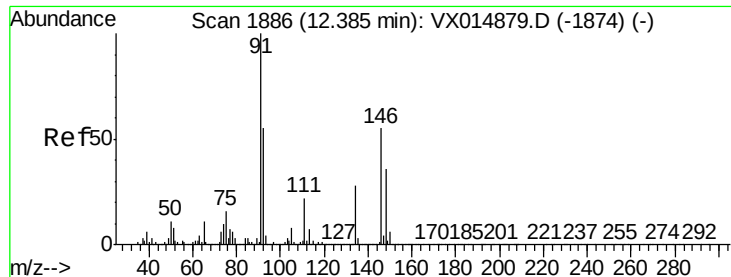
Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion:146 Resp: 502422

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.6
148	64.7	32.4	97.0

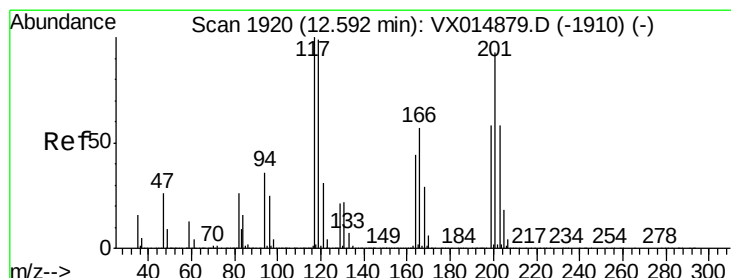
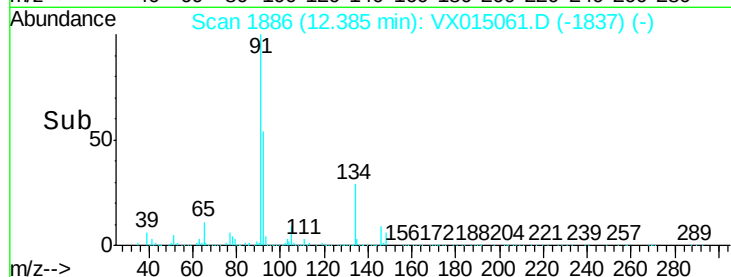
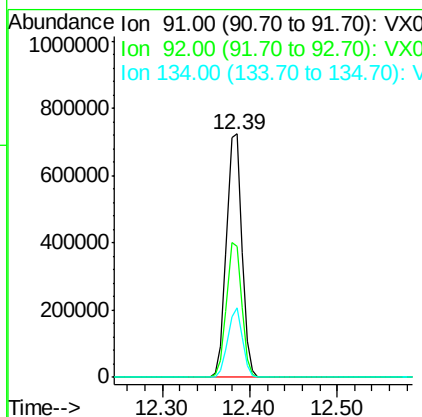
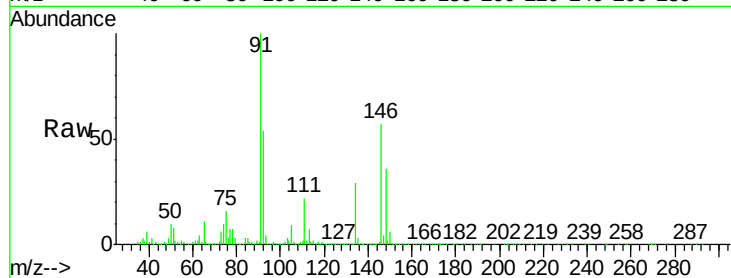




#89
n-Butylbenzene
Concen: 55.78 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

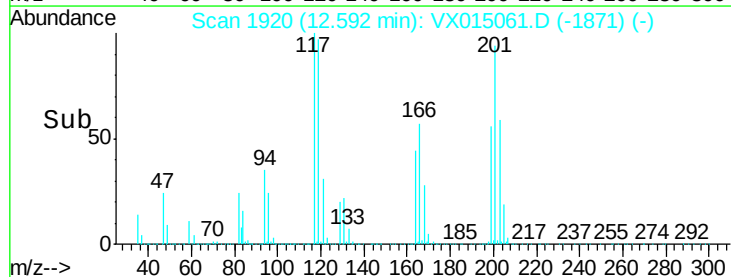
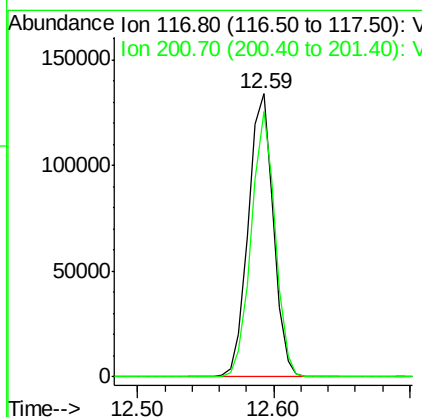
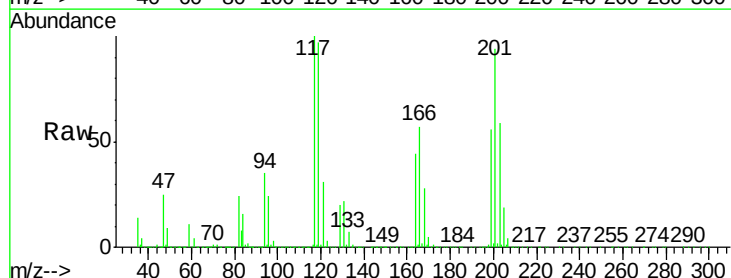
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

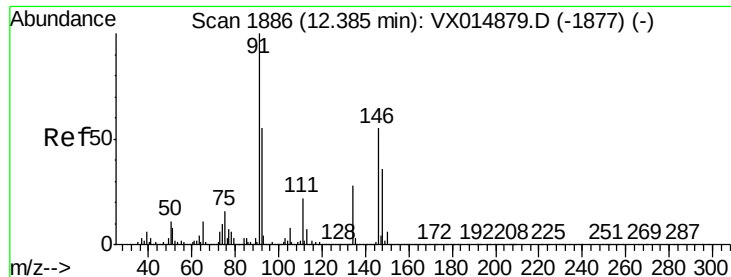
Tgt Ion: 91 Resp: 884804
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.8
134 27.0 13.8 41.4



#90
Hexachloroethane
Concen: 55.78 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 117 Resp: 172505
Ion Ratio Lower Upper
117 100
201 90.0 44.8 134.3

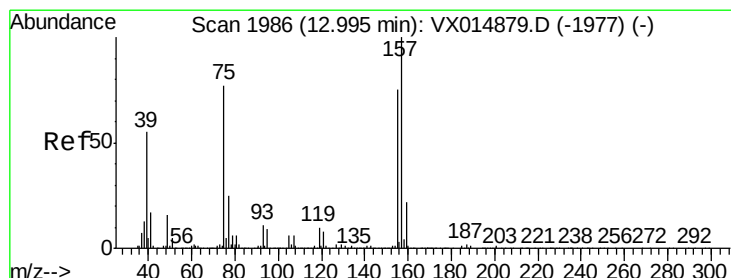
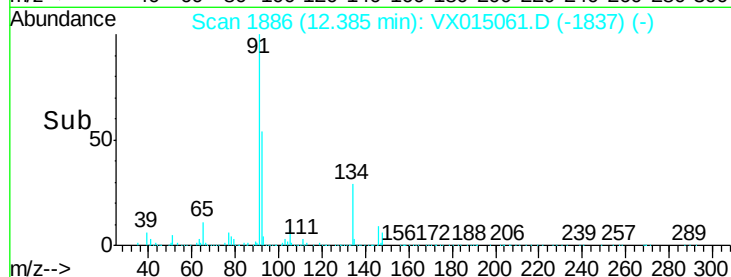
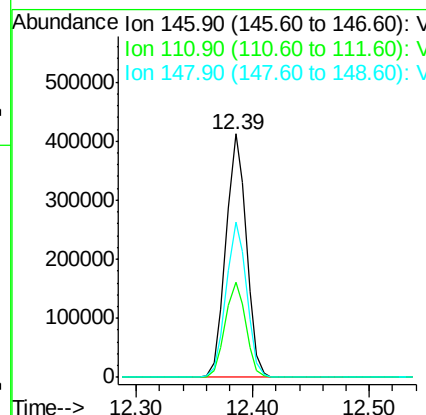
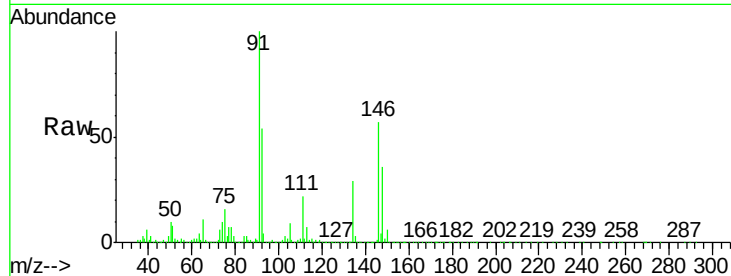




#91
 1,2-Dichlorobenzene
 Concen: 52.86 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

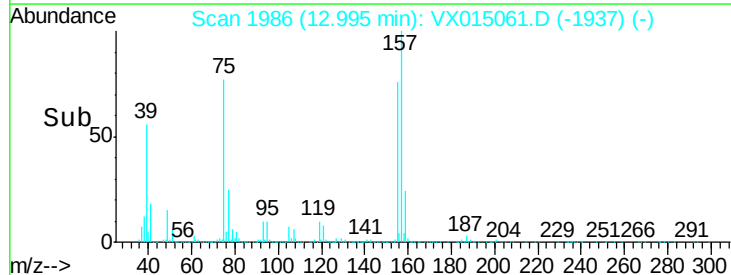
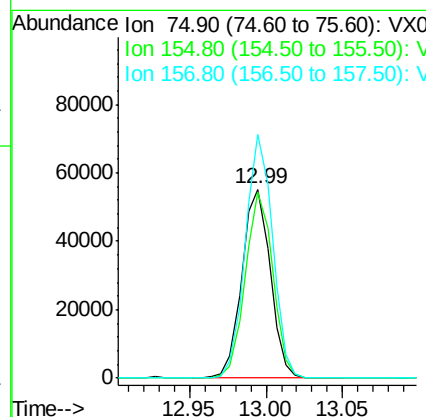
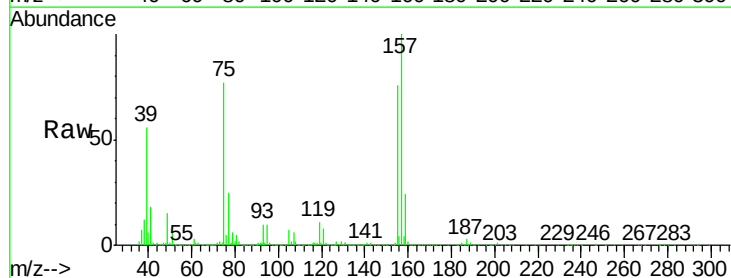
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

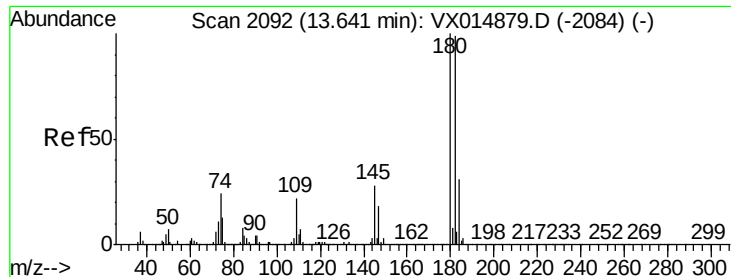
Tgt Ion: 146 Resp: 499765
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.3
 148 63.8 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.74 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion: 75 Resp: 70498
 Ion Ratio Lower Upper
 75 100
 155 96.6 48.6 145.9
 157 125.0 62.0 186.0

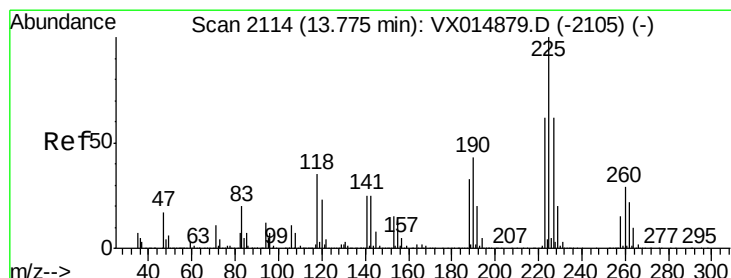
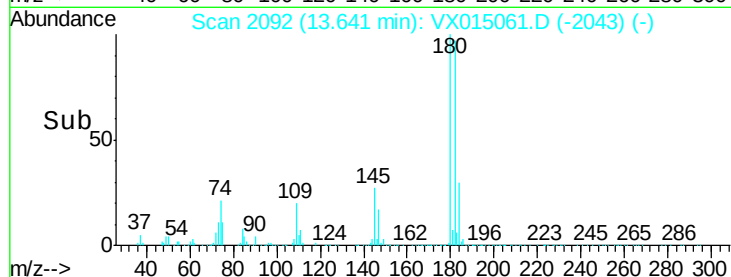
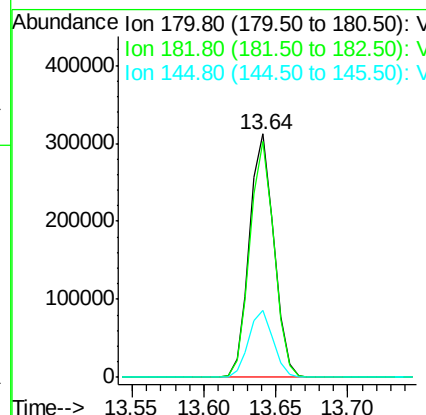
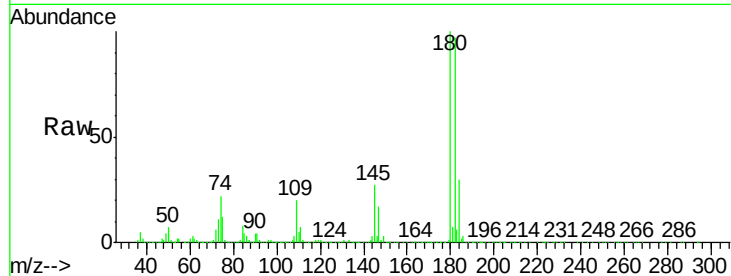




#93
 1,2,4-Trichlorobenzene
 Concen: 52.46 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

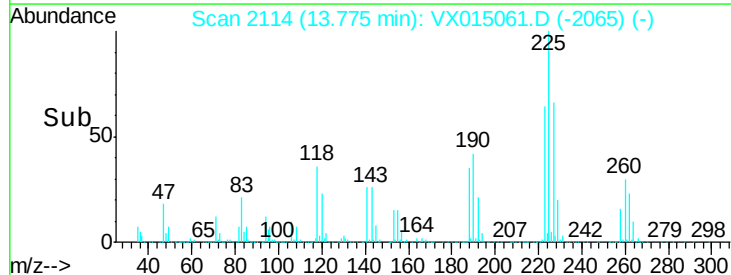
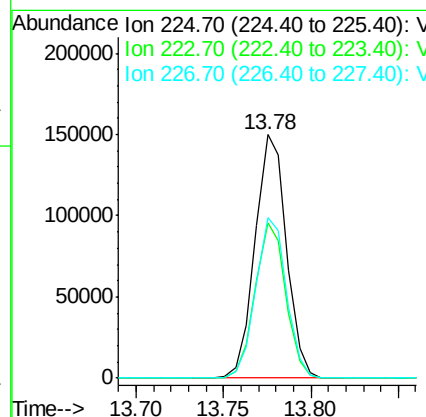
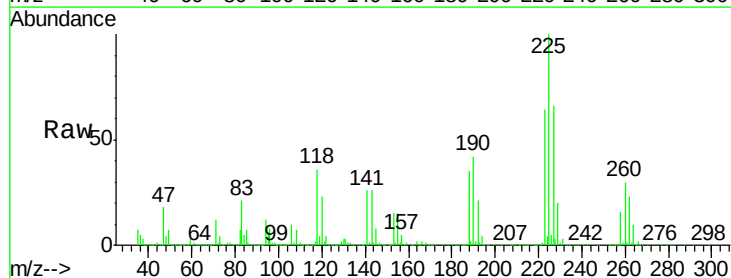
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

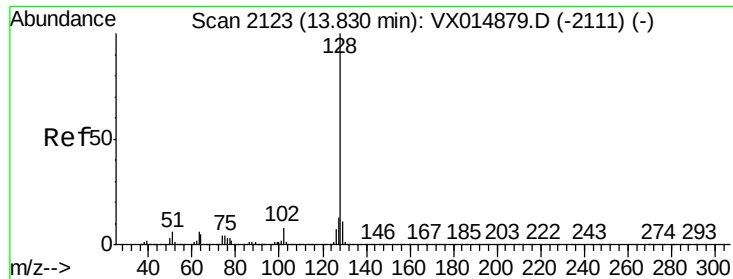
Tgt Ion:180 Resp: 366084
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.4 145.3
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 55.31 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion:225 Resp: 186675
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.2
 227 64.9 30.9 92.5

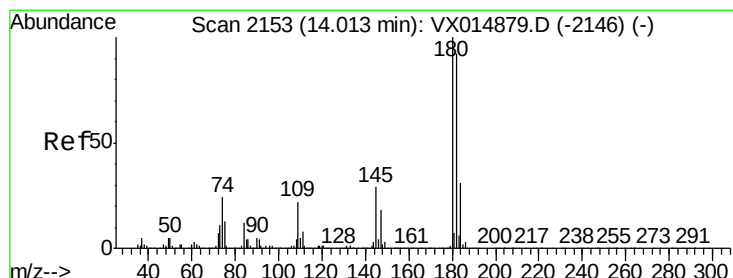
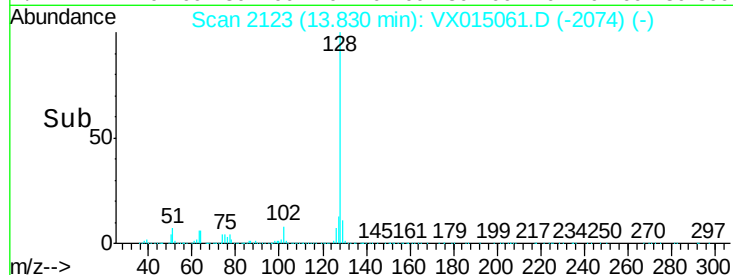
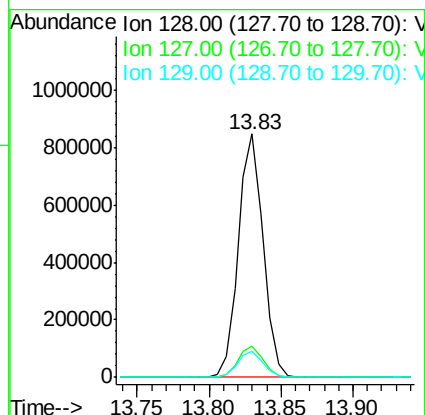
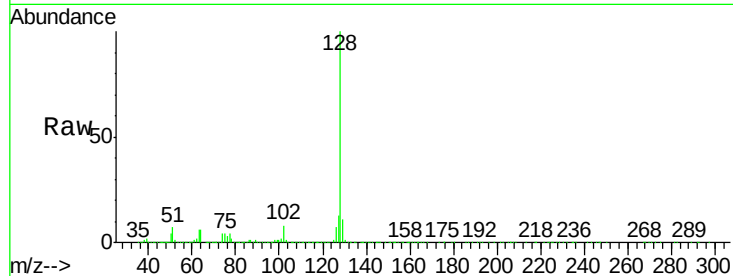




#95
Naphthalene
Concen: 54.72 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1015218
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.99 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion:180 Resp: 364008
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.6
145 29.5 14.5 43.5

